

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117503.D
 Acq On : 24 Oct 2019 00:17
 Operator : JU
 Sample : K5497-05MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 169-32-(0-1)MS

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:11:06 PM

Quant Time: Oct 24 09:27:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	48429	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	195095	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	99885	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	154312	20.00	ng	0.00
76) Chrysene-d12	13.89	240	86797	20.00	ng	0.00
87) Perylene-d12	15.32	264	96859	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	340767	104.68	ng	0.00
7) Phenol-d6	6.39	99	476044	108.88	ng	0.00
23) Nitrobenzene-d5	7.30	82	299570	75.80	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	91004	105.30	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	439877	62.05	ng	0.00
79) Terphenyl-d14	12.83	244	316040	59.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	51429	37.577	ng	97
3) Pyridine	3.17	79	121551	36.279	ng	98
4) n-Nitrosodimethylamine	3.11	42	52295	43.024	ng	96
6) Aniline	6.40	93	162714	31.700	ng	# 20
8) 2-Chlorophenol	6.53	128	153195	44.598	ng	96
9) Benzaldehyde	6.28	77	90657	43.657	ng	98
10) Phenol	6.40	94	203616	45.629	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	146661	44.433	ng	99
12) 1,3-Dichlorobenzene	6.67	146	158408	41.325	ng	99
13) 1,4-Dichlorobenzene	6.75	146	159523	41.023	ng	99
14) 1,2-Dichlorobenzene	6.90	146	150904	41.169	ng	99
15) Benzyl Alcohol	6.89	79	137784	44.109	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	143477	40.295	ng	65
17) 2-Methylphenol	7.00	107	127363	45.072	ng	95
18) Hexachloroethane	7.24	117	57968	38.192	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	115792	43.365	ng	95
20) 3+4-Methylphenols	7.16	107	162898	43.968	ng	# 79
22) Acetophenone	7.15	105	223561	43.154	ng	# 94
24) Nitrobenzene	7.32	77	173735	45.900	ng	98
25) Isophorone	7.56	82	307843	45.030	ng	96
26) 2-Nitrophenol	7.64	139	77397	45.847	ng	95
27) 2,4-Dimethylphenol	7.68	122	131050	51.944	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	182639	43.295	ng	99
29) 2,4-Dichlorophenol	7.89	162	120898	45.687	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	123067	43.337	ng	99
31) Naphthalene	8.04	128	435214	45.006	ng	100
32) Benzoic acid	7.84	122	65284	37.779	ng	99
33) 4-Chloroaniline	8.09	127	65356	16.014	ng	98
34) Hexachlorobutadiene	8.15	225	67308	40.950	ng	98
35) Caprolactam	8.47	113	40492m	47.633	ng	
36) 4-Chloro-3-methylphenol	8.59	107	142202	47.119	ng	96
37) 2-Methylnaphthalene	8.73	142	298353	45.787	ng	100
38) 1-Methylnaphthalene	8.83	142	283101	46.236	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	113314	42.120	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	15653	33.547	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	76316	45.298	nq	94
44) 2,4,5-Trichlorophenol	9.06	196	84055	49.236	nq	97
46) 1,1'-Biphenyl	9.19	154	346042	41.847	nq	100
47) 2-Chloronaphthalene	9.22	162	272852	43.763	nq	98
48) 2-Nitroaniline	9.32	65	89658	43.805	nq	93
49) Acenaphthylene	9.63	152	418894	45.741	nq	99
50) Dimethylphthalate	9.49	163	362052	50.845	nq	100
51) 2,6-Dinitrotoluene	9.56	165	68695	46.231	nq	96
52) Acenaphthene	9.80	154	249815	44.462	nq	99
53) 3-Nitroaniline	9.73	138	40907	22.689	nq	97
54) 2,4-Dinitrophenol	9.86	184	8999	18.319	nq	89
55) Dibenzofuran	9.97	168	373040	45.827	nq	99
56) 4-Nitrophenol	9.92	139	80560	96.190	nq	96
57) 2,4-Dinitrotoluene	9.97	165	91012	46.069	nq	98
58) Fluorene	10.32	166	301426	44.777	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	60786	45.303	nq	96
60) Diethylphthalate	10.19	149	318717	44.252	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	132196	43.771	nq	98
62) 4-Nitroaniline	10.35	138	59486	35.005	nq	99
63) Azobenzene	10.46	77	331300	44.934	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	11480	14.632	nq	89
66) n-Nitrosodiphenylamine	10.43	169	264752	46.931	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	73386	44.152	nq	97
68) Hexachlorobenzene	10.87	284	77681	43.640	nq	97
69) Atrazine	10.96	200	82346	57.372	nq	96
70) Pentachlorophenol	11.07	266	57269	107.321	nq	98
71) Phenanthrene	11.27	178	411135	45.884	nq	99
72) Anthracene	11.33	178	419083	45.583	nq	99
73) Carbazole	11.49	167	370996	44.156	nq	99
74) Di-n-butylphthalate	11.81	149	513840	45.770	nq	99
75) Fluoranthene	12.46	202	366550	40.864	nq	99
78) Pyrene	12.69	202	352715	47.310	nq	100
80) Butylbenzylphthalate	13.30	149	176255	47.508	nq	96
81) Benzo(a)anthracene	13.89	228	266861	45.580	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	86757	47.222	nq	# 96
83) Chrysene	13.92	228	253183	44.123	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	246108	47.356	nq	95
85) Di-n-octyl phthalate	14.47	149	382150	47.826	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	198060	46.231	nq	98
88) Benzo(b)fluoranthene	14.92	252	246191	43.043	nq	97
89) Benzo(k)fluoranthene	14.94	252	244001	41.622	nq	98
90) Benzo(a)pyrene	15.27	252	228386	43.918	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	173555	38.597	nq	99
92) Benzo(g,h,i)perylene	17.15	276	150338	35.336	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

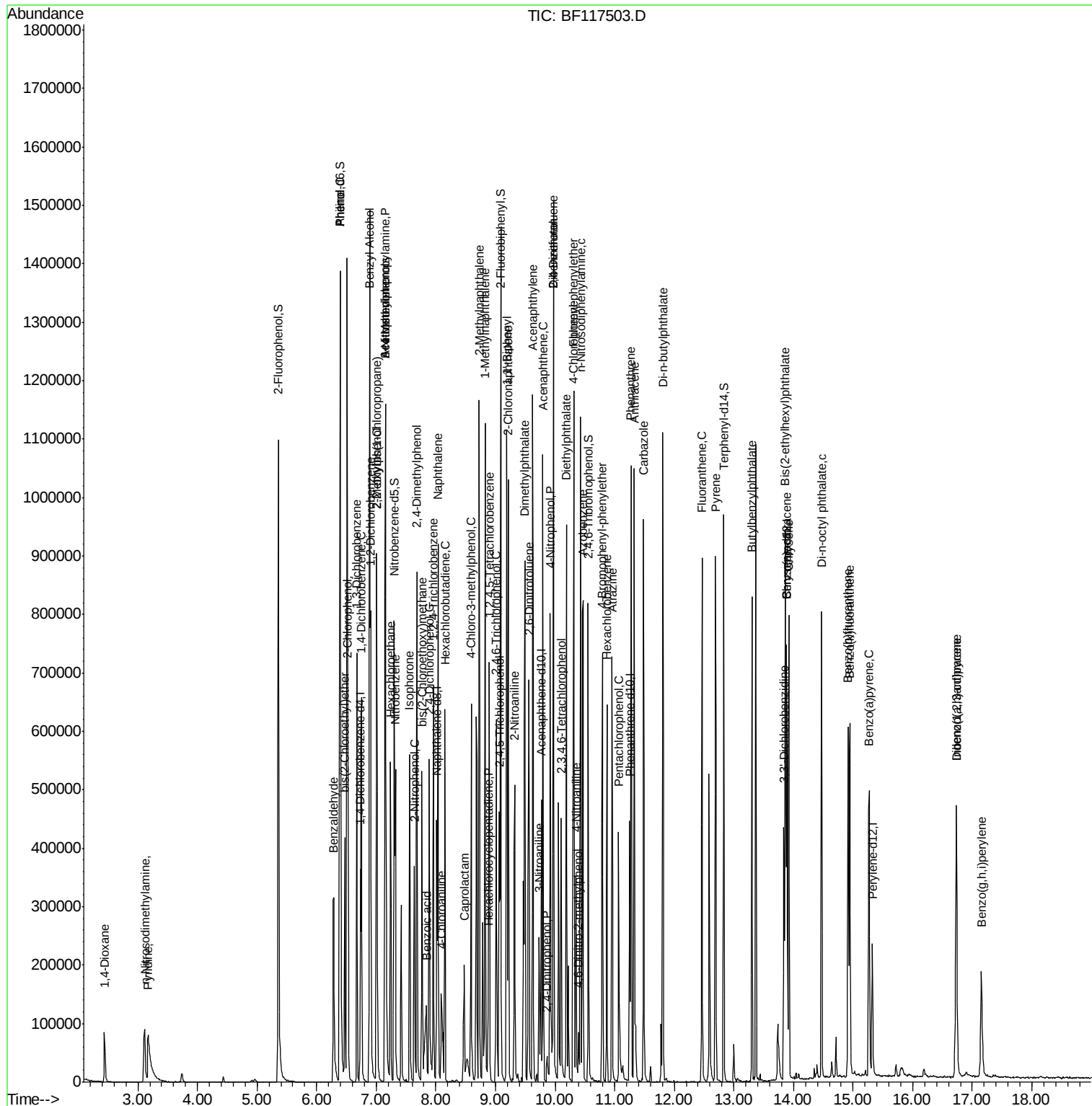
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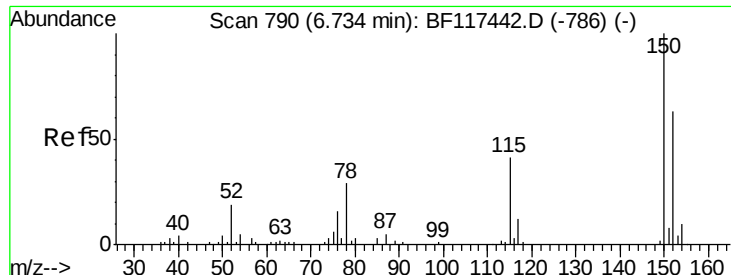
Instrument :
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#1

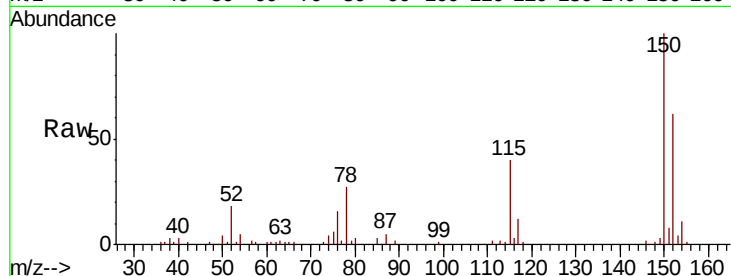
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.8	190.2
115	63.7	51.6	77.4

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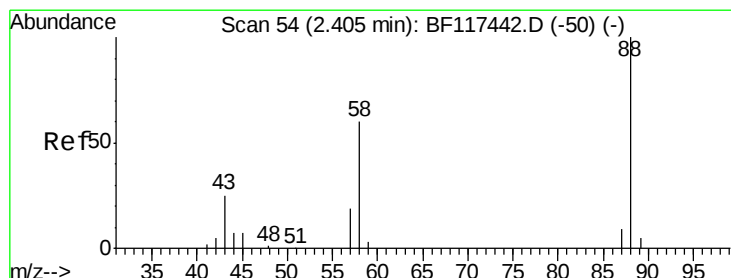
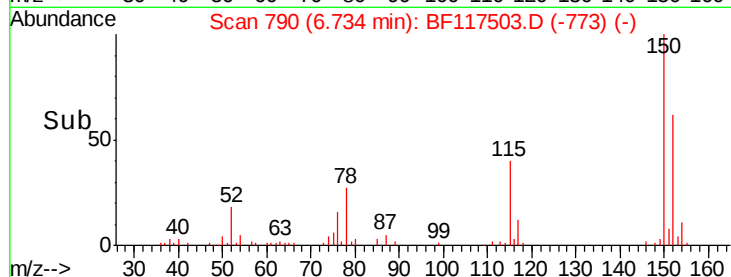
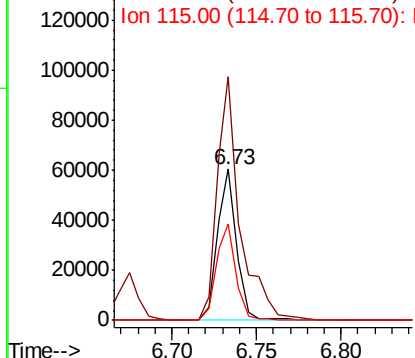


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

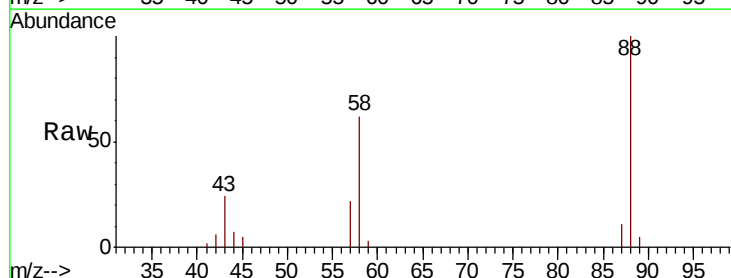
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.577 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.1	48.8	73.2
43	27.0	18.5	27.7

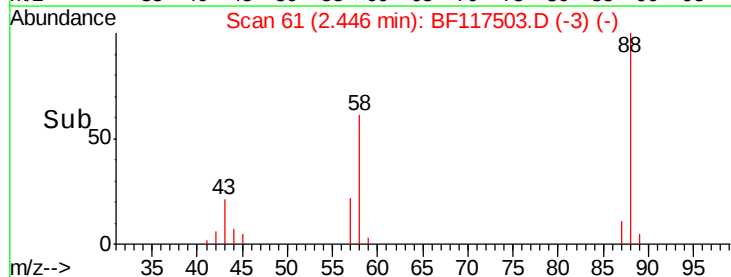
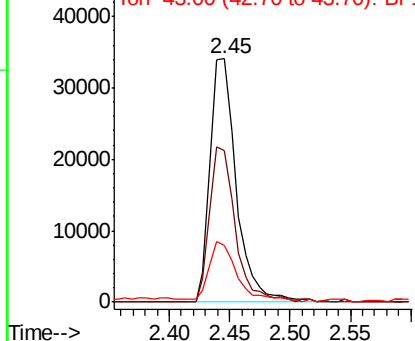


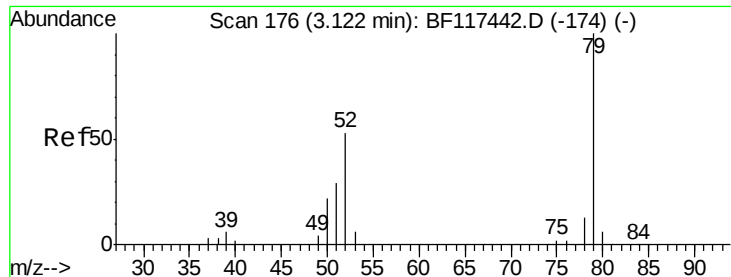
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.279 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.05 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Instrument :

BNA_F

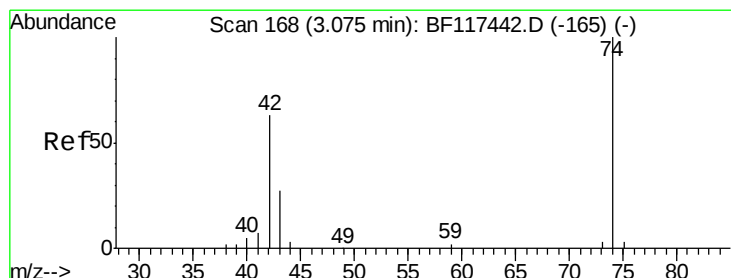
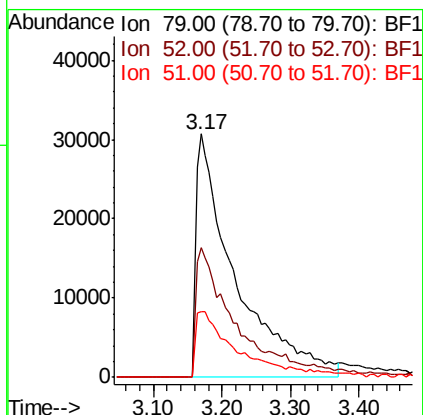
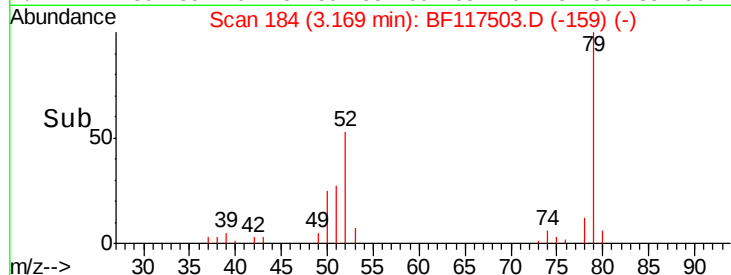
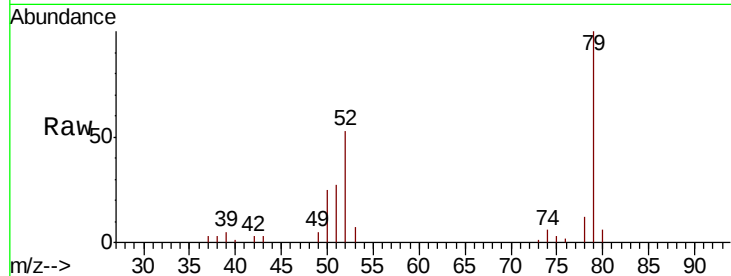
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	79	Resp:	121551
Ion	Ratio	Lower	Upper
79	100		
52	53.2	42.4	63.6
51	27.0	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 43.024 ng

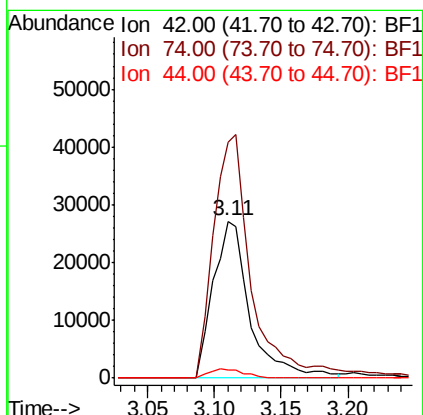
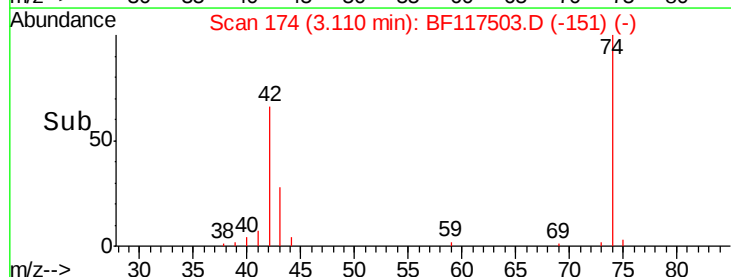
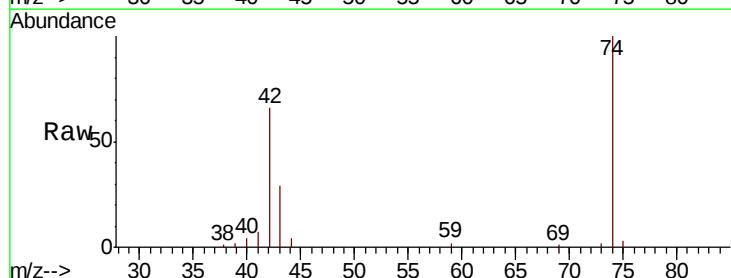
RT: 3.11 min Scan# 174

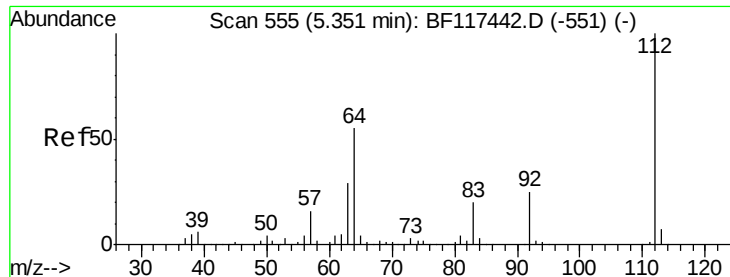
Delta R.T. 0.04 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Tgt Ion:	42	Resp:	52295
Ion	Ratio	Lower	Upper
42	100		
74	150.4	124.2	186.4
44	5.5	4.2	6.4





#5

2-Fluorophenol

Concen: 104.681 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Instrument :

BNA_F

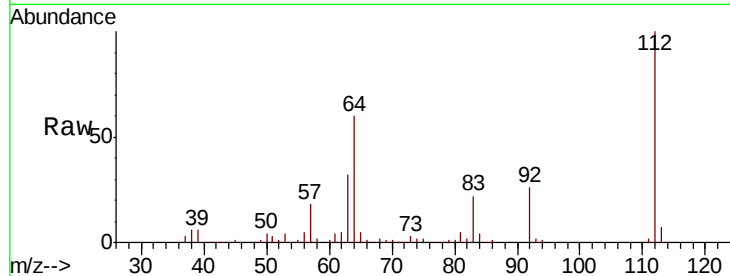
ClientSampleId :

169-32-(0-1)MS

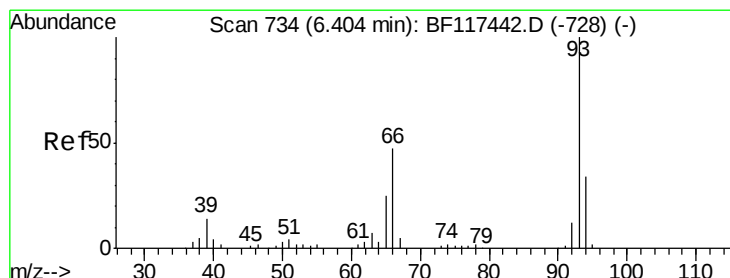
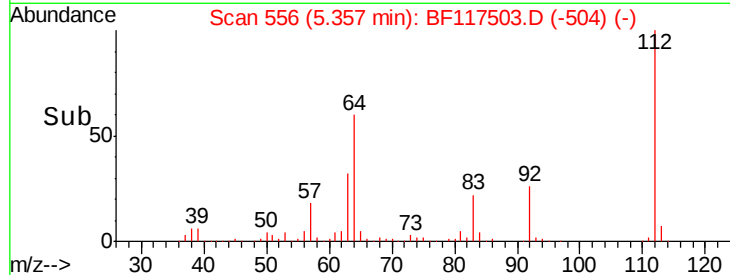
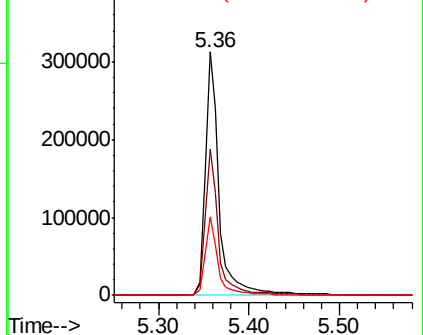
Tot Ion:	112	Resp:	340767
Ion Ratio	Lower	Upper	
112	100		
64	60.2	44.1	66.1
63	32.1	23.4	35.2

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.700 ng

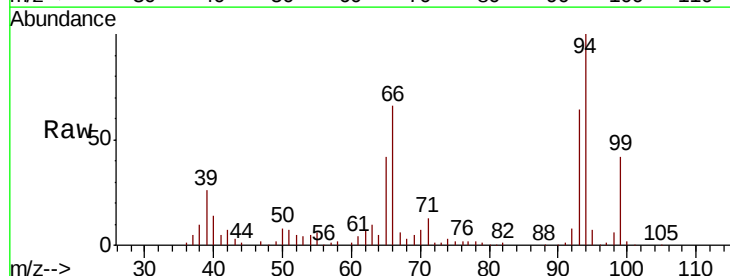
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

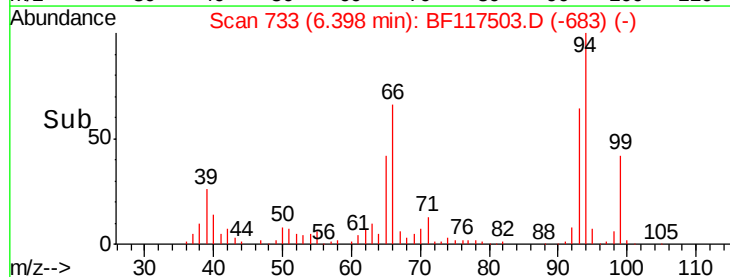
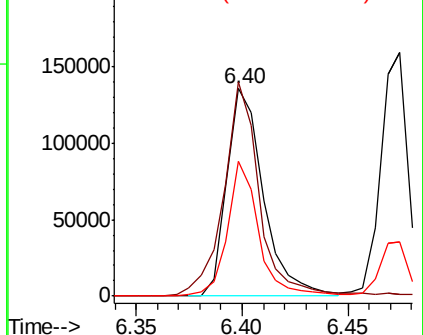
Lab File: BF117503.D

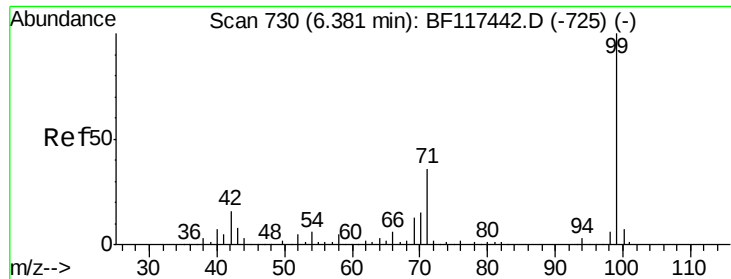
Acq: 24 Oct 2019 00:17

Tgt Ion:	93	Resp:	162714
Ion Ratio	Lower	Upper	
93	100		
66	103.4	38.7	58.1#
65	64.9	20.1	30.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.879 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Instrument :

BNA_F

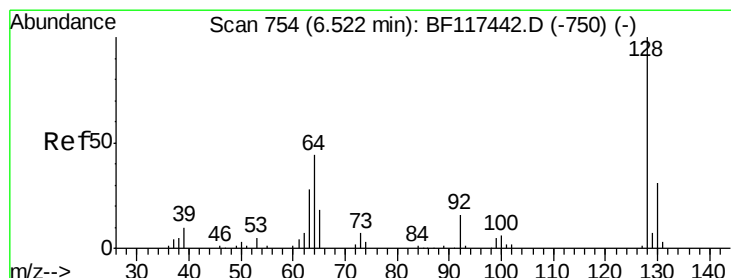
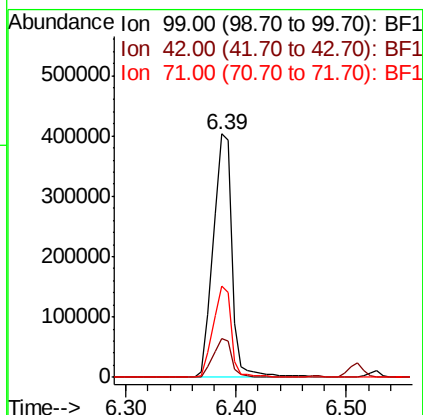
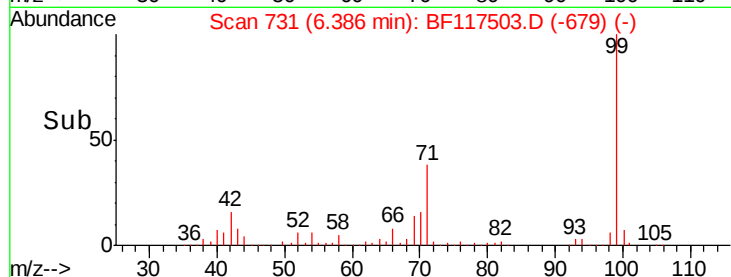
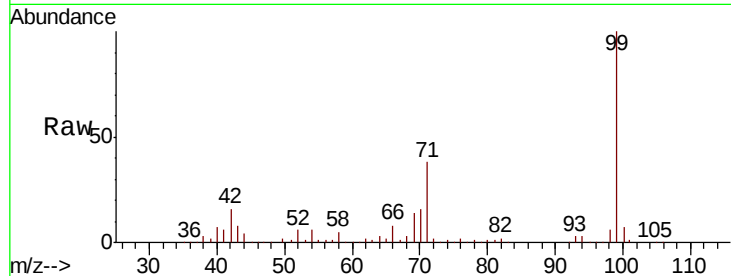
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	99	Resp:	476044
Ion Ratio	Lower	Upper	
99	100		
42	16.0	12.8	19.2
71	37.6	28.6	43.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.598 ng

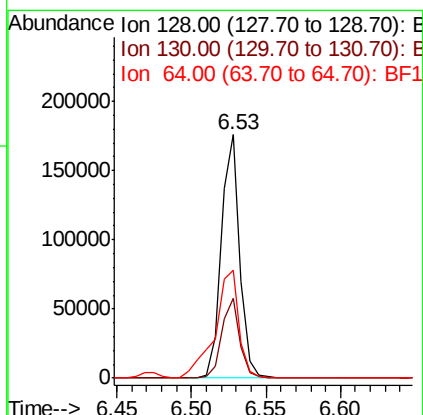
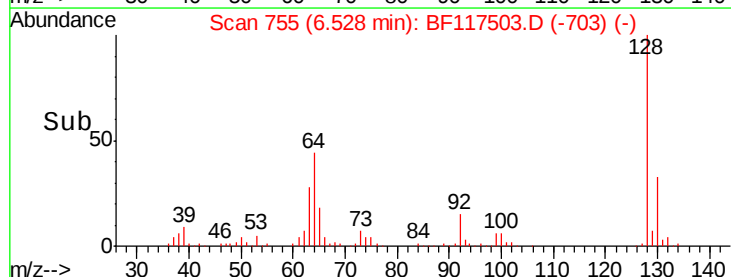
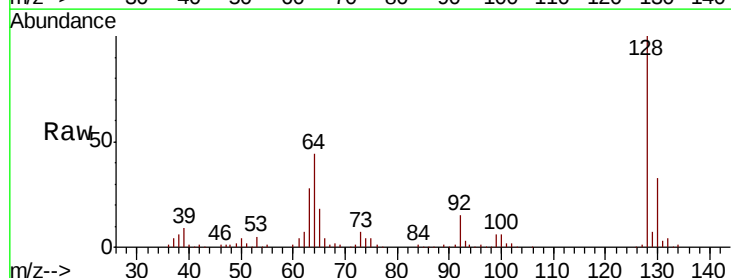
RT: 6.53 min Scan# 755

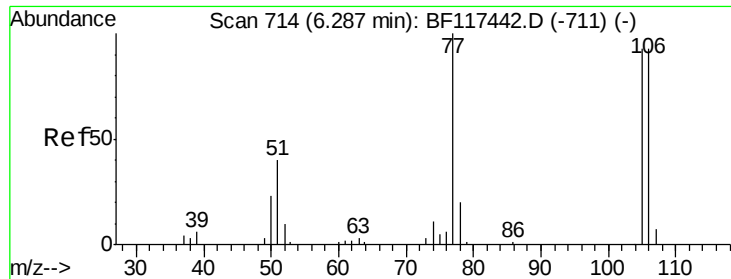
Delta R.T. 0.01 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Tgt Ion:	128	Resp:	153195
Ion Ratio	Lower	Upper	
128	100		
130	32.6	11.1	51.1
64	44.2	27.1	67.1





#9

Benzaldehyde

Concen: 43.657 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Instrument :

BNA_F

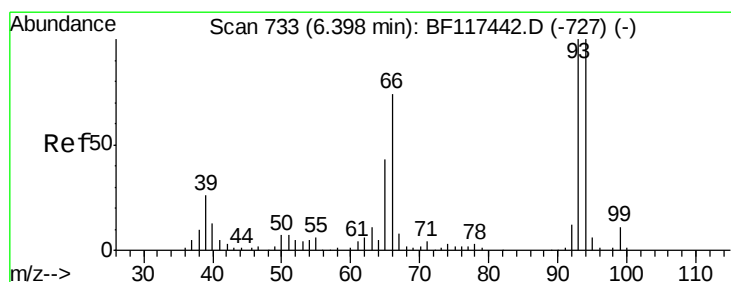
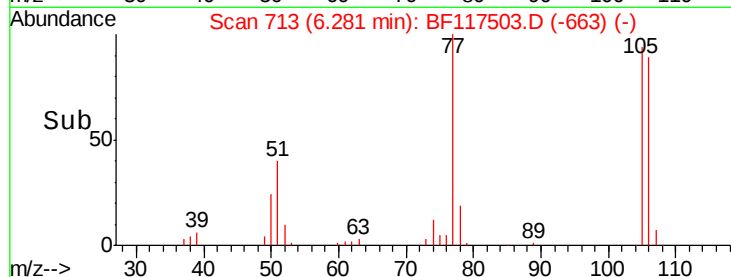
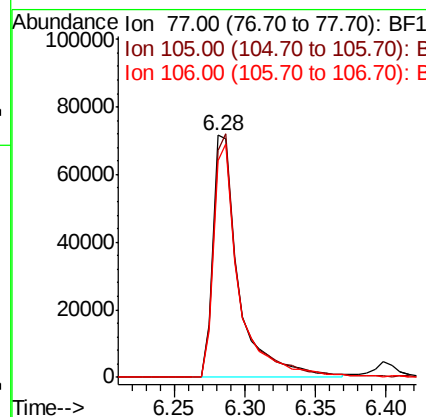
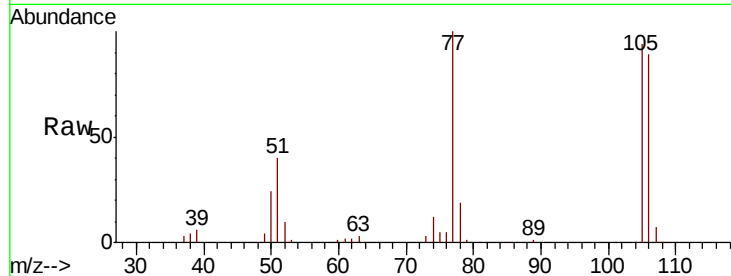
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	77	Resp:	90657
Ion	Ratio	Lower	Upper
77	100		
105	93.8	73.4	113.4
106	89.4	73.0	113.0

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#10

Phenol

Concen: 45.629 ng

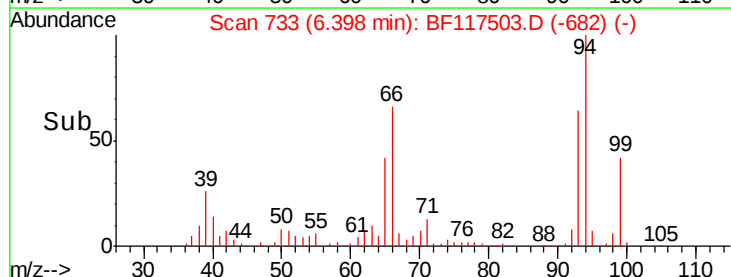
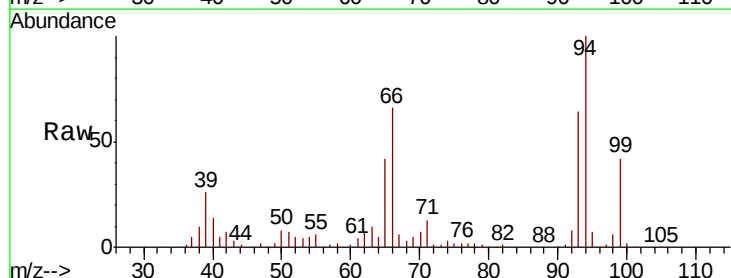
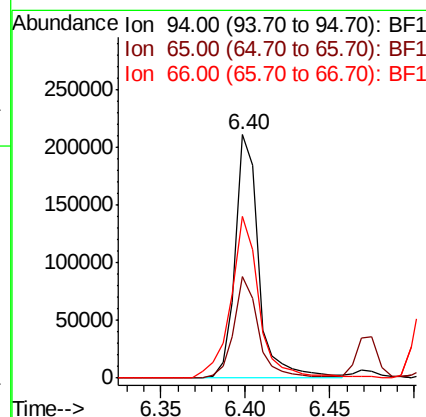
RT: 6.40 min Scan# 733

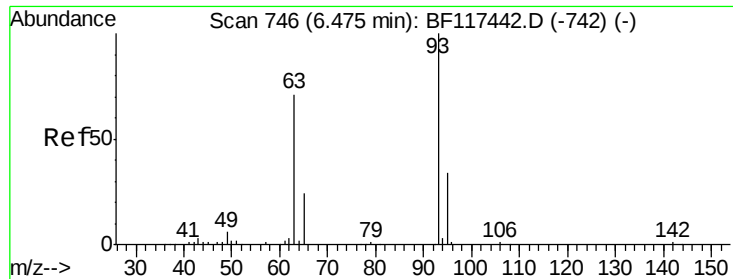
Delta R.T. -0.00 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Tgt Ion:	94	Resp:	203616
Ion	Ratio	Lower	Upper
94	100		
65	41.7	23.4	63.4
66	66.4	54.7	94.7





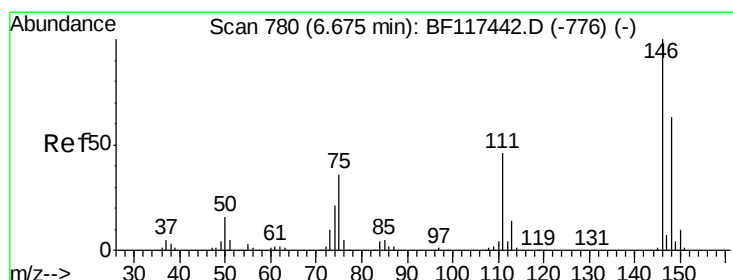
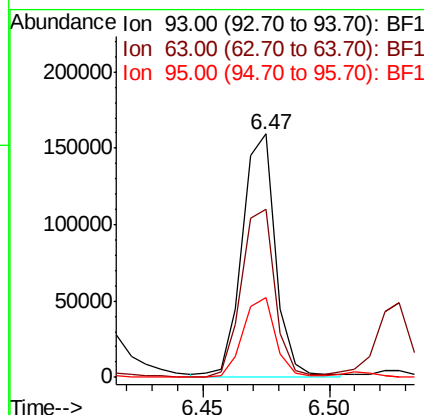
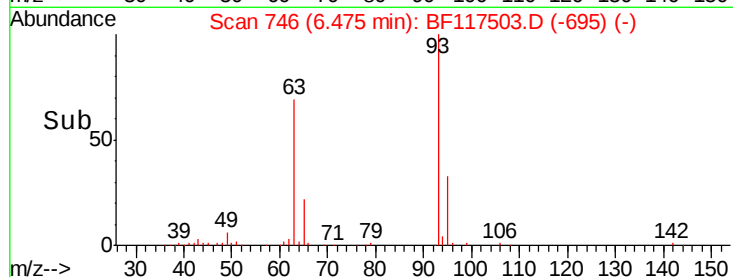
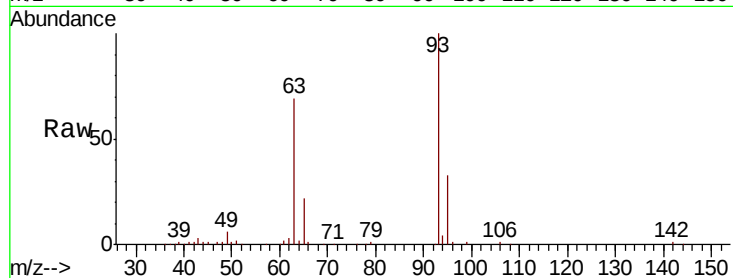
#11
bis(2-Chloroethyl)ether
Concen: 44.433 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion:	93	Resp:	146661
Ion	Ratio	Lower	Upper
93	100		
63	69.2	50.2	90.2
95	32.8	13.9	53.9

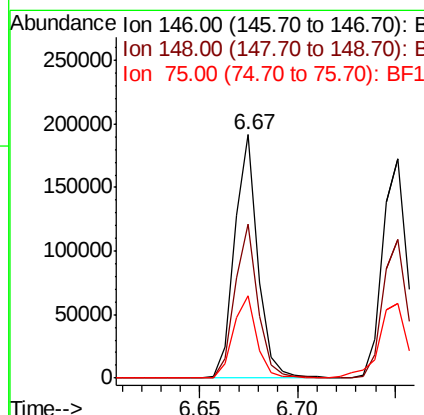
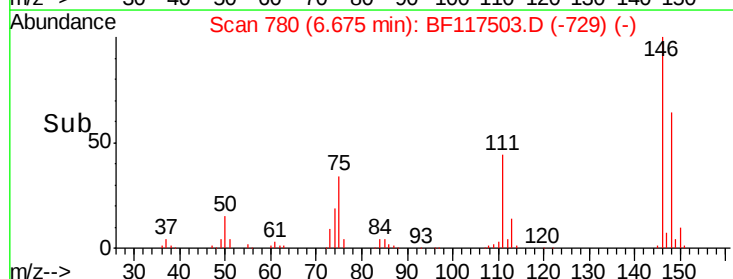
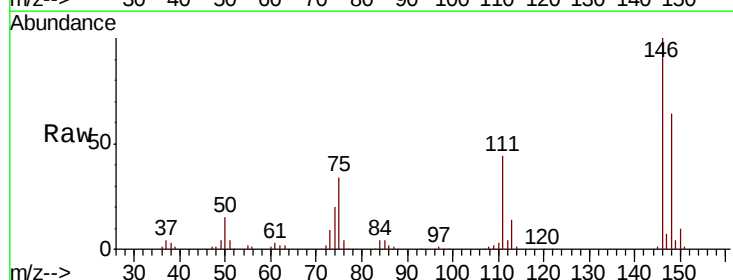
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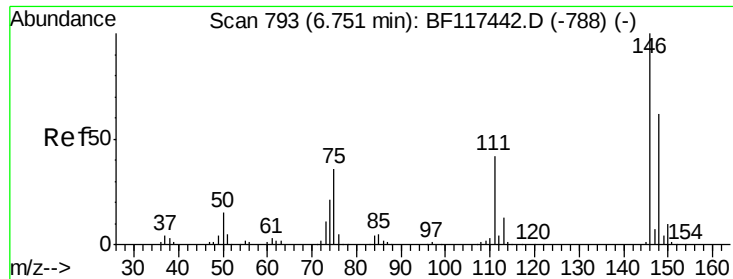
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#12
1,3-Dichlorobenzene
Concen: 41.325 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion:	146	Resp:	158408
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	34.0	28.6	43.0





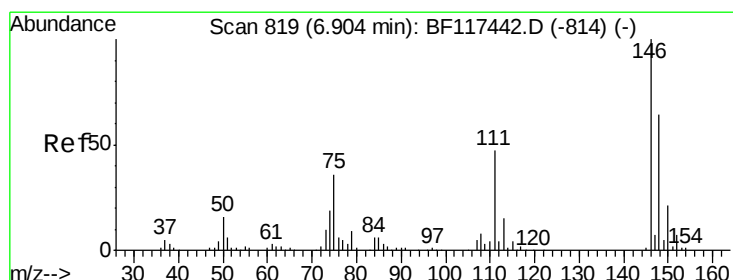
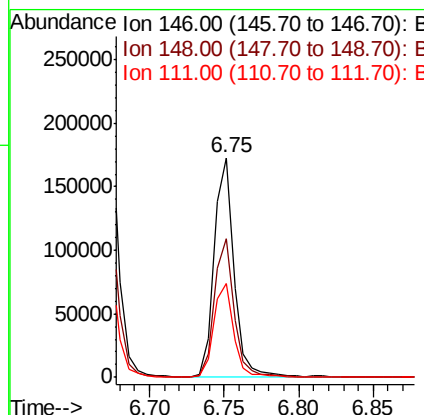
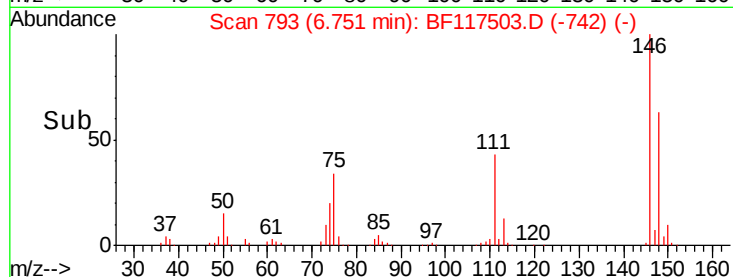
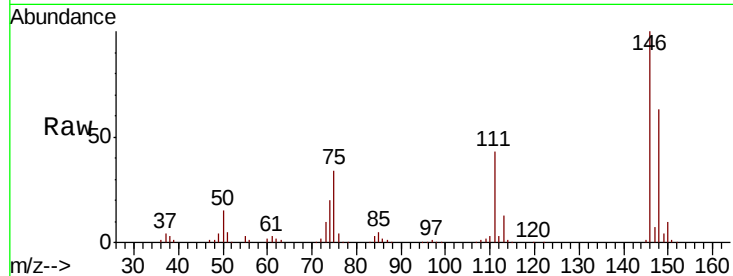
#13
 1,4-Dichlorobenzene
 Concen: 41.023 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	49.3	73.9
111	42.6	33.6	50.4

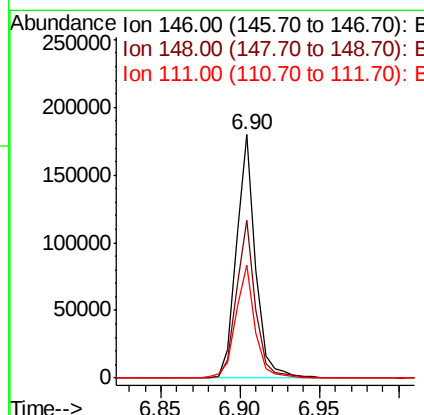
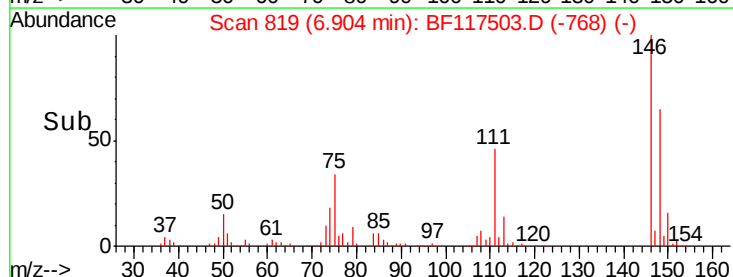
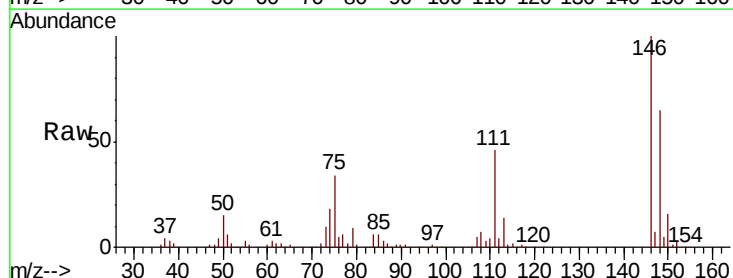
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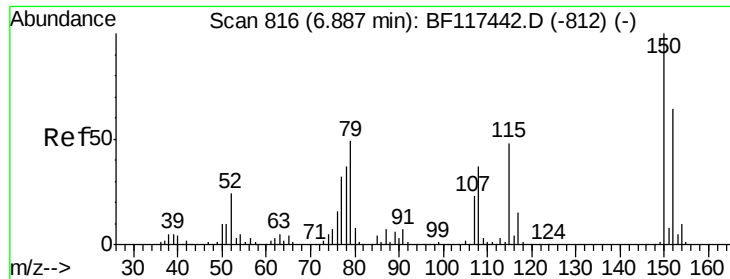
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.169 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	46.3	37.7	56.5





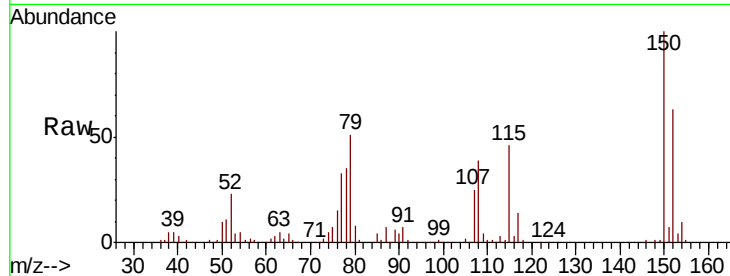
#15
Benzyl Alcohol
Concen: 44.109 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.6	59.8	89.8
77	64.1	51.4	77.0

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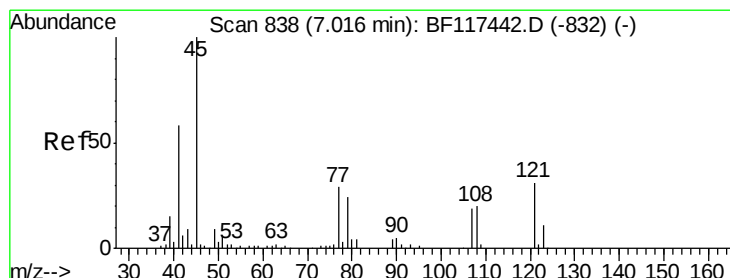
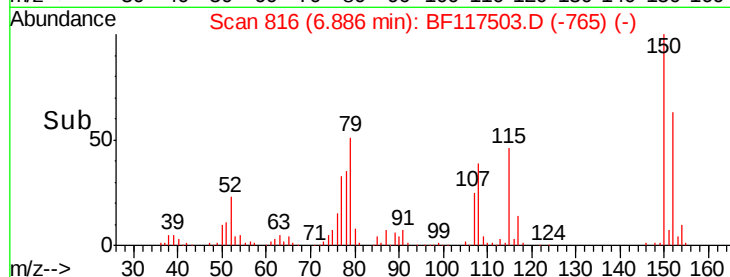
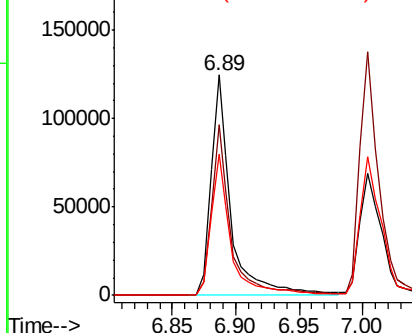


Abundance

Ion 79.00 (78.70 to 79.70): BF1

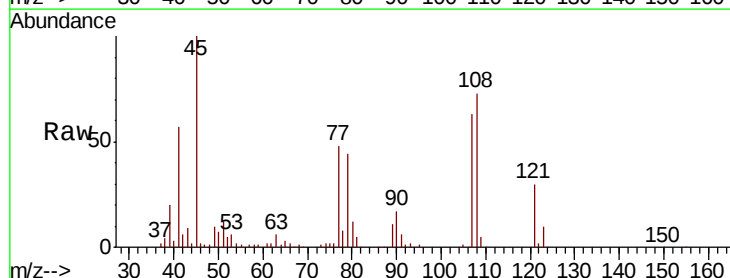
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.295 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	47.8	9.9	49.9
79	44.2	5.5	45.5

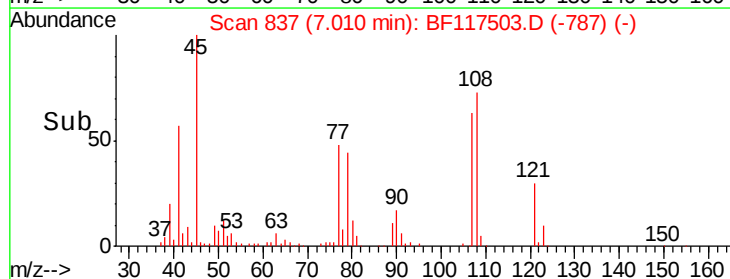
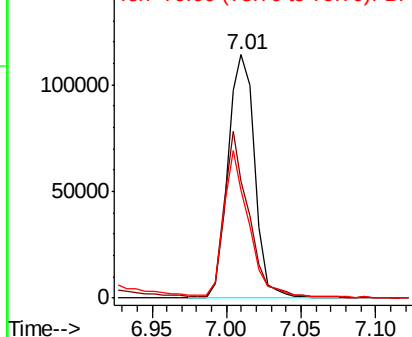


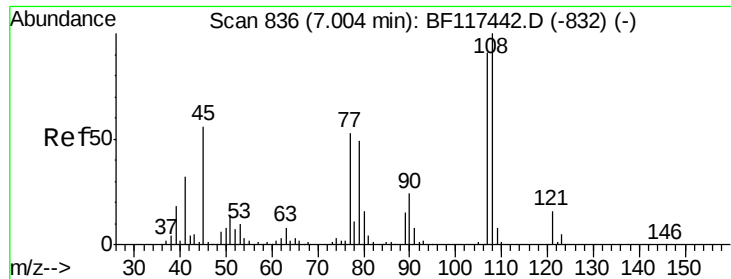
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





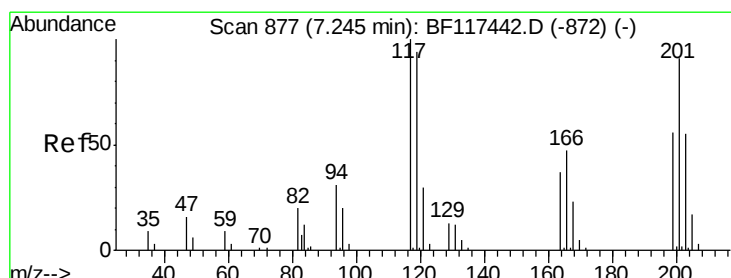
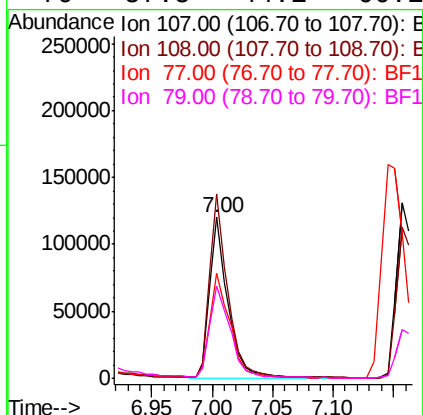
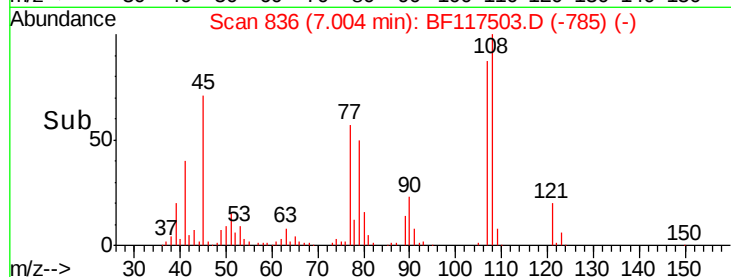
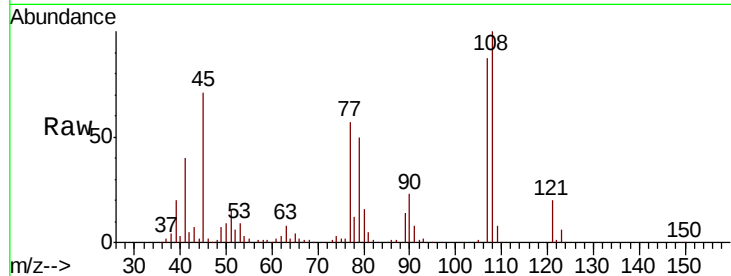
#17
2-Methylphenol
Concen: 45.072 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	88.0	132.0	
77	65.0	47.2	70.8	
79	57.5	44.1	66.1	

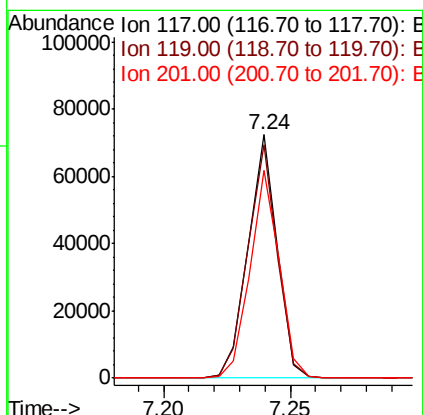
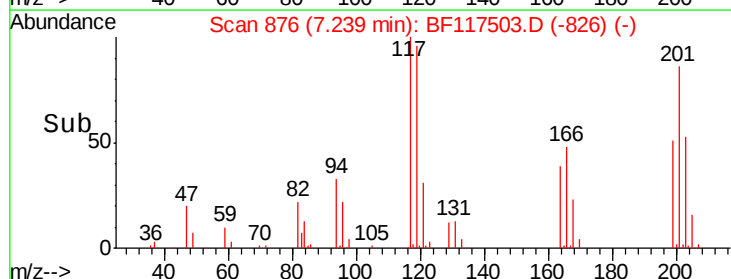
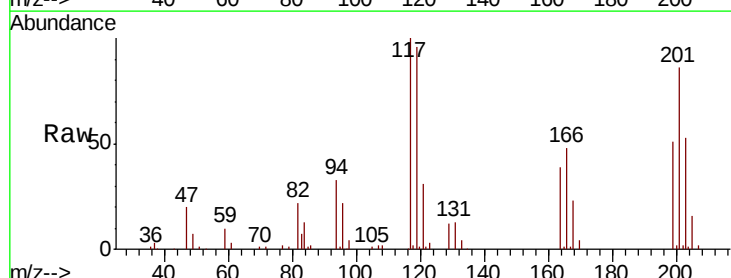
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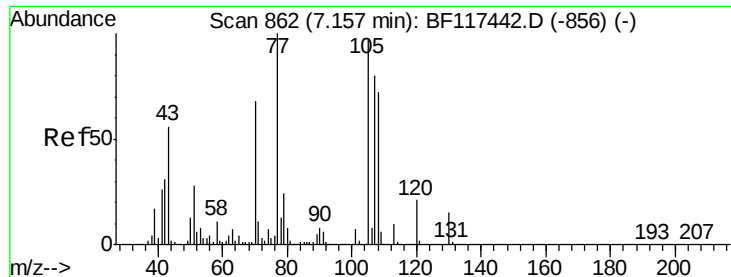
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#18
Hexachloroethane
Concen: 38.192 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	75.4	113.0	
201	85.6	72.5	108.7	





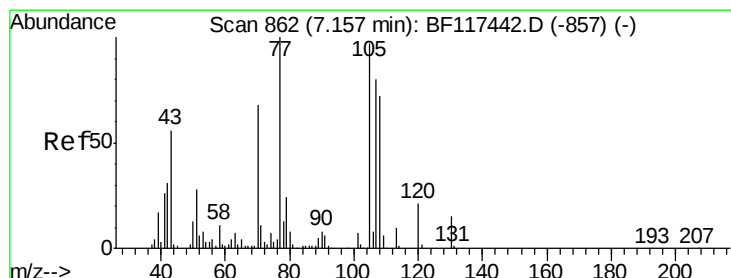
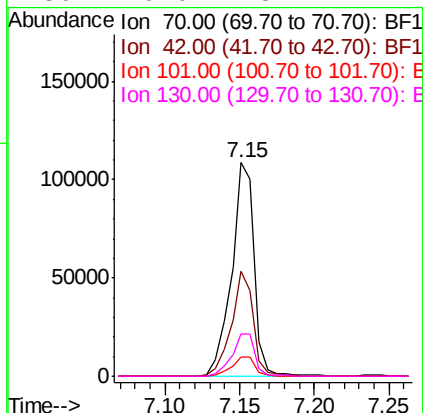
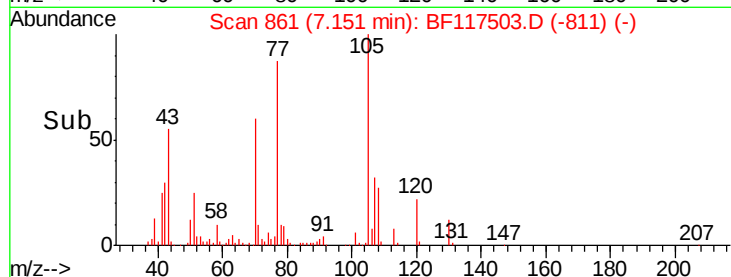
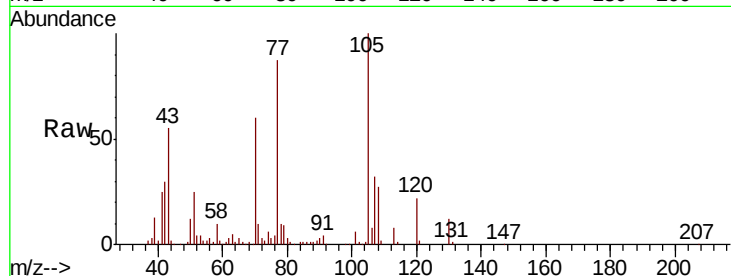
#19
n-Nitroso-di-n-propylamine
Concen: 43.365 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.0	36.7	55.1
101	9.1	8.3	12.5
130	20.0	18.1	27.1

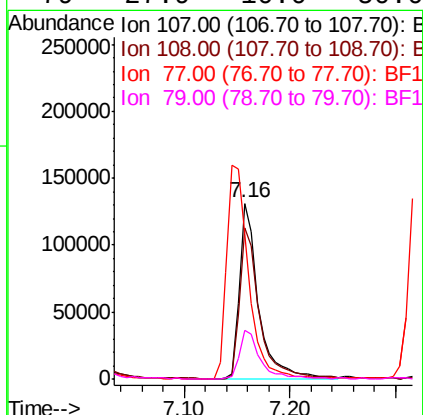
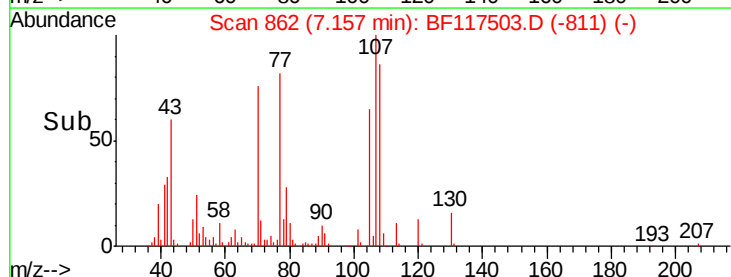
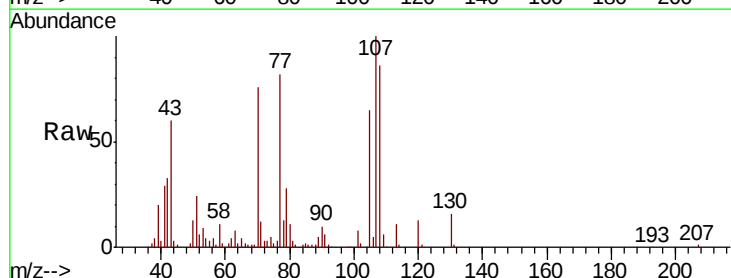
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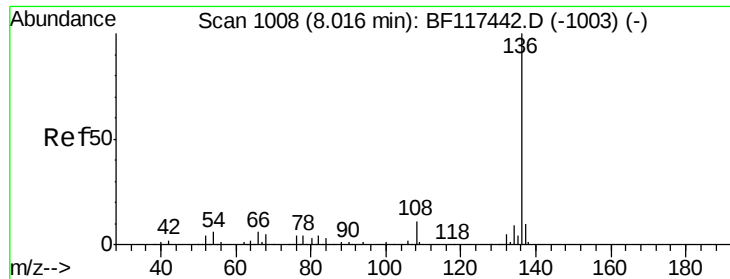
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#20
3+4-Methylphenols
Concen: 43.968 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	70.3	110.3
77	82.2	104.8	144.8#
79	27.9	10.0	50.0





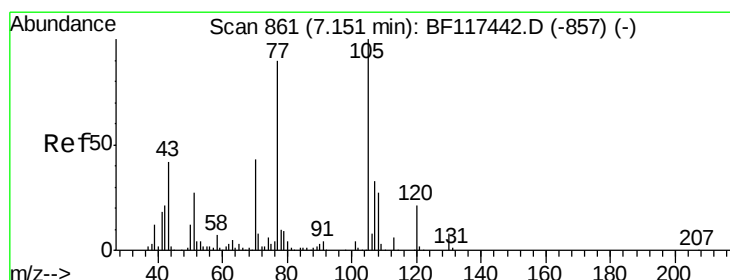
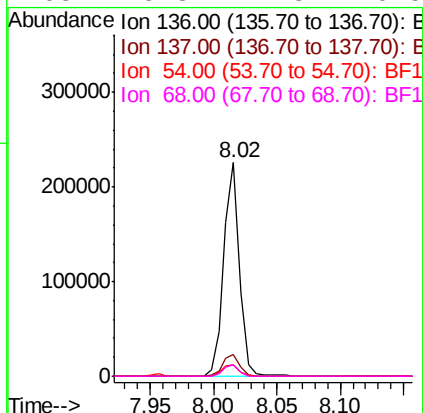
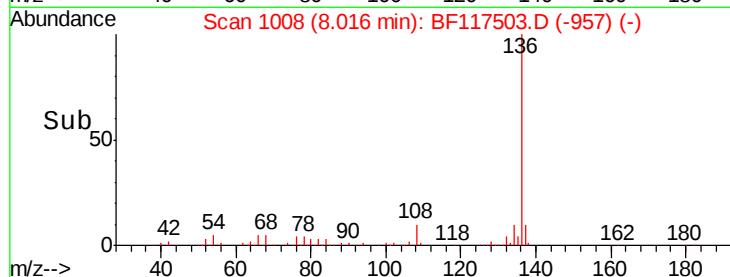
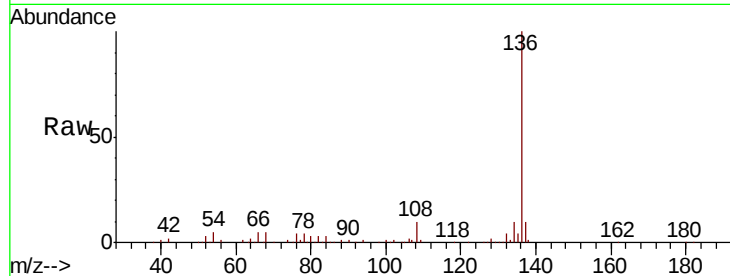
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	195095		
137	10.1	8.2	12.4	
54	5.4	4.5	6.7	
68	5.3	4.3	6.5	

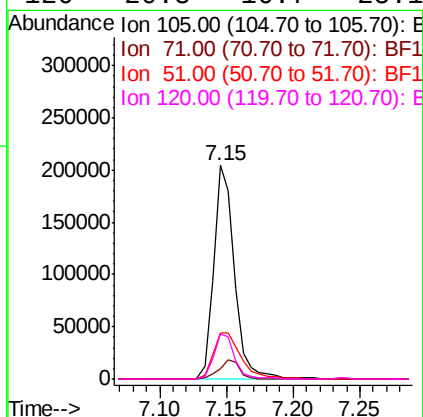
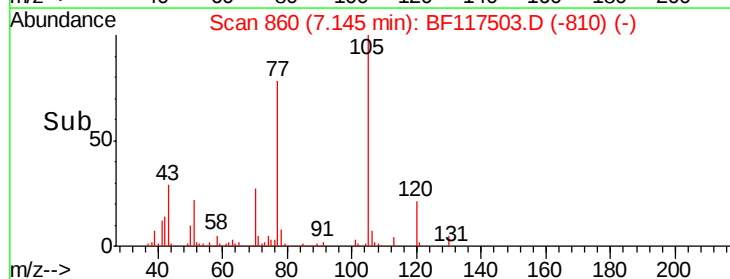
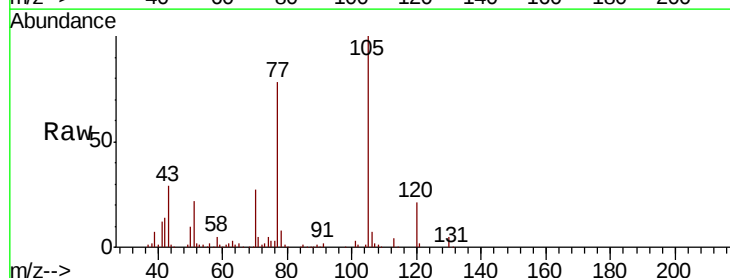
Manual Integrations
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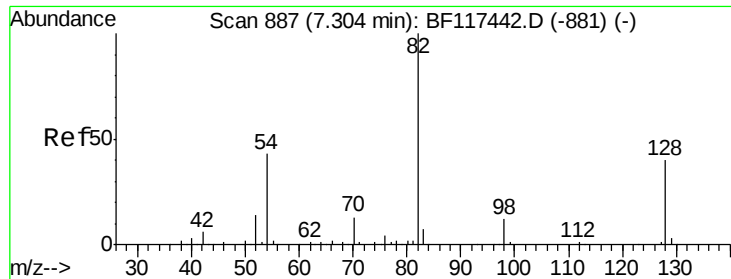
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#22
Acetophenone
Concen: 43.154 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223561		
71	4.7	6.2	9.2#	
51	21.8	21.8	32.6	
120	20.8	16.7	25.1	





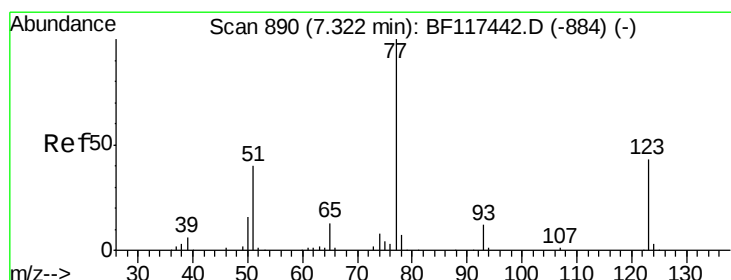
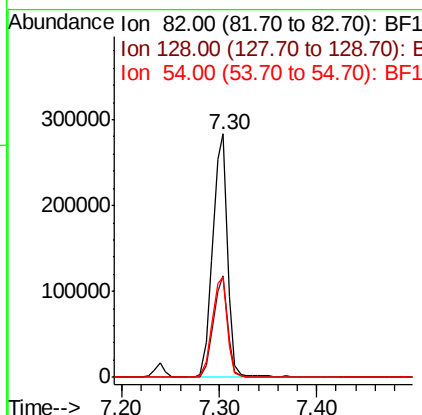
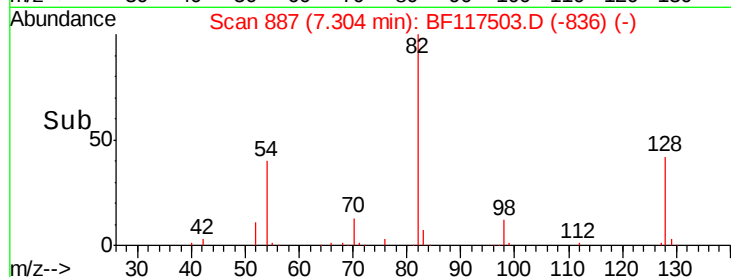
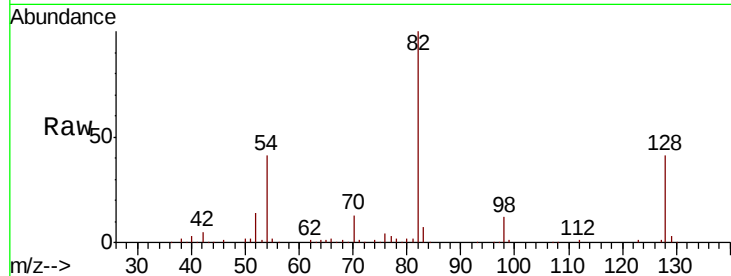
#23
 Nitrobenzene-d5
 Concen: 75.805 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	299570		
128	41.5		32.2	48.2
54	41.3		34.2	51.2

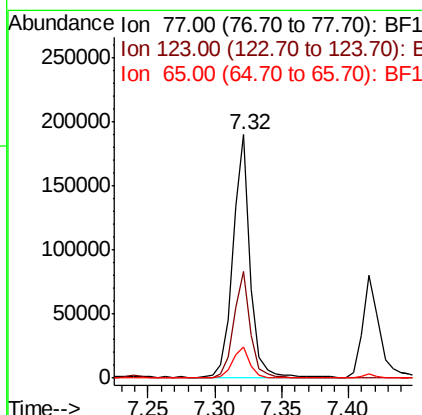
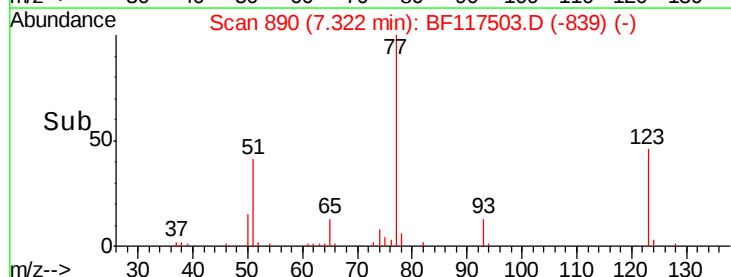
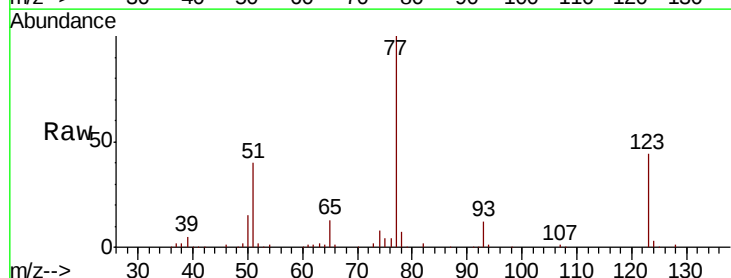
Manual Integrations
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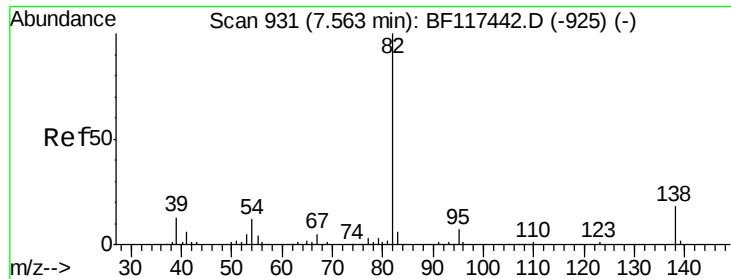
mohammad
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#24
 Nitrobenzene
 Concen: 45.900 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	173735		
123	44.0		34.2	51.2
65	12.5		10.3	15.5





#25

Isophorone

Concen: 45.030 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Instrument :

BNA_F

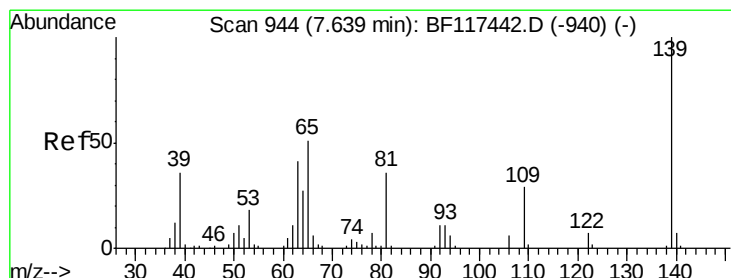
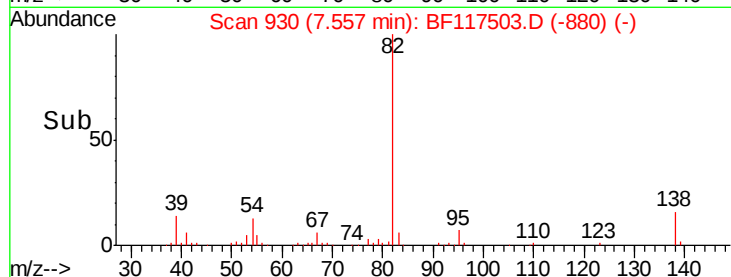
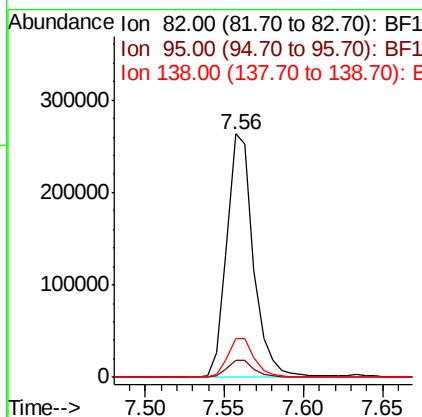
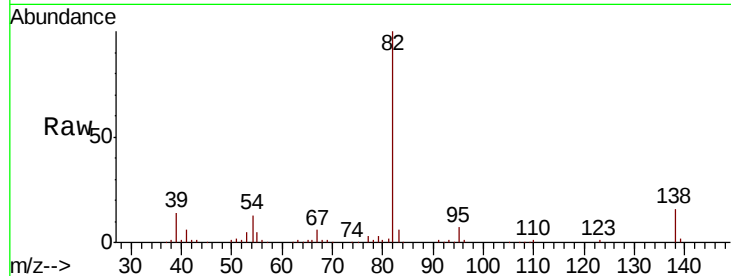
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	82	Resp:	307843
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.4	8.0
138	15.7	14.2	21.2

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#26

2-Nitrophenol

Concen: 45.847 ng

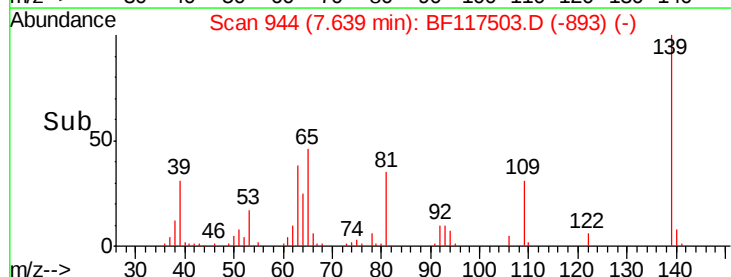
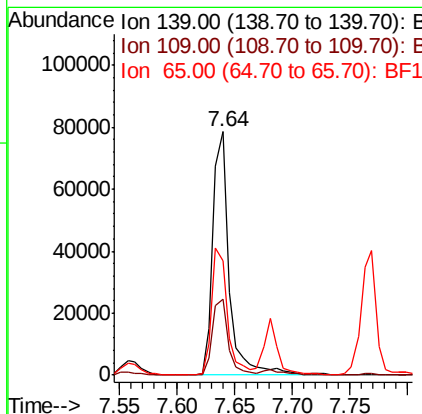
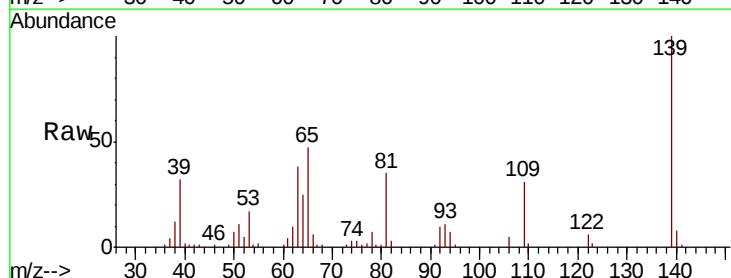
RT: 7.64 min Scan# 944

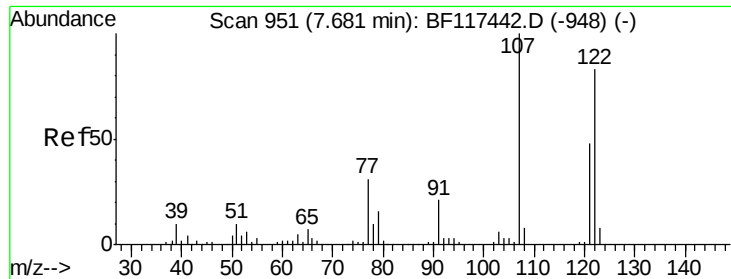
Delta R.T. -0.00 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Tgt Ion:	139	Resp:	77397
Ion Ratio		Lower	Upper
139	100		
109	31.0	23.2	34.8
65	47.1	41.1	61.7





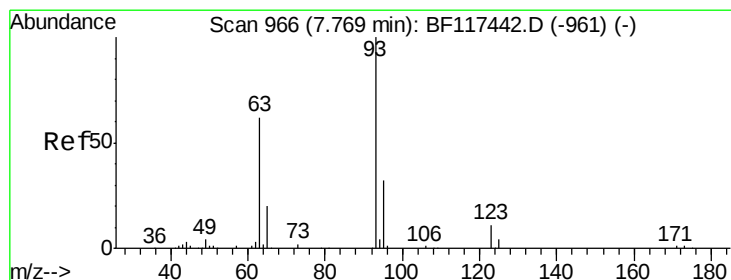
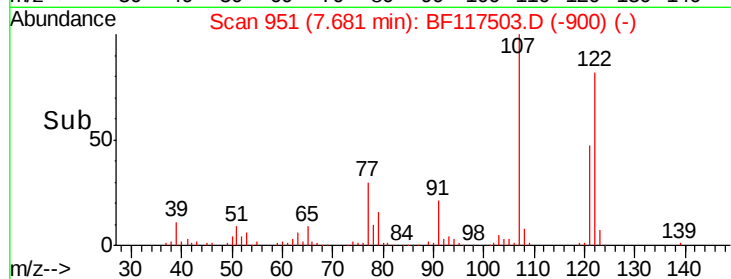
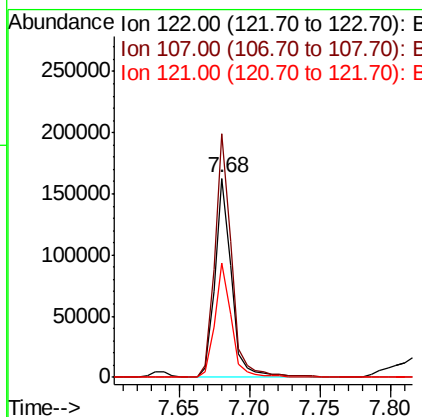
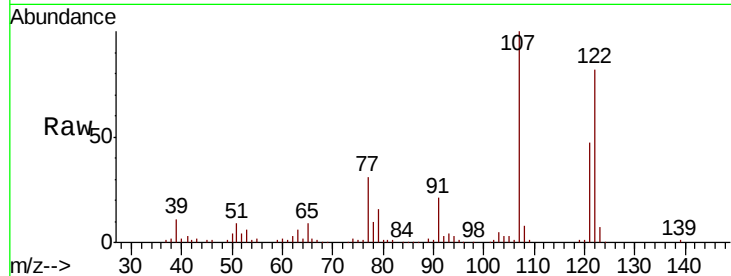
#27
2,4-Dimethylphenol
Concen: 51.944 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.4	96.8	145.2
121	57.6	46.4	69.6

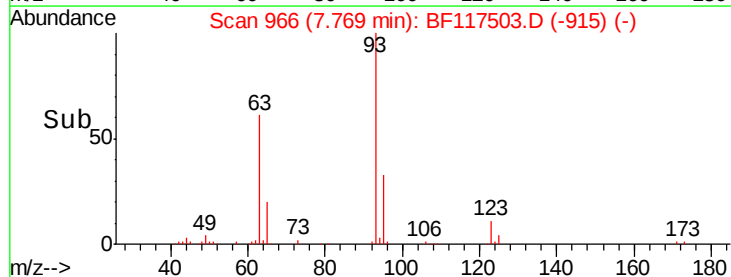
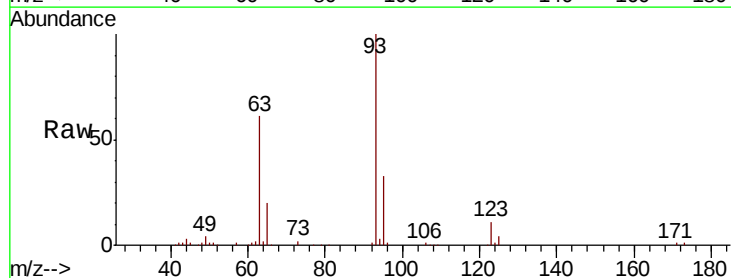
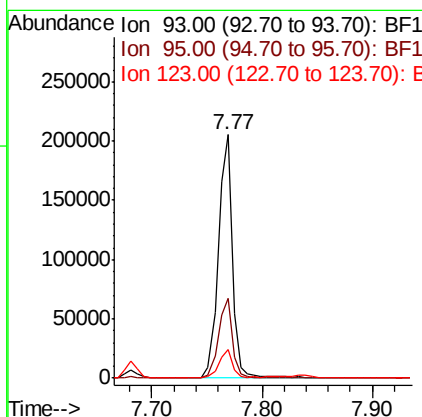
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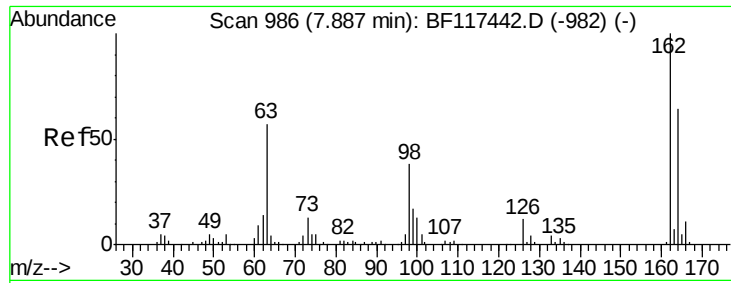
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.295 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.5	38.3
123	11.5	9.0	13.6





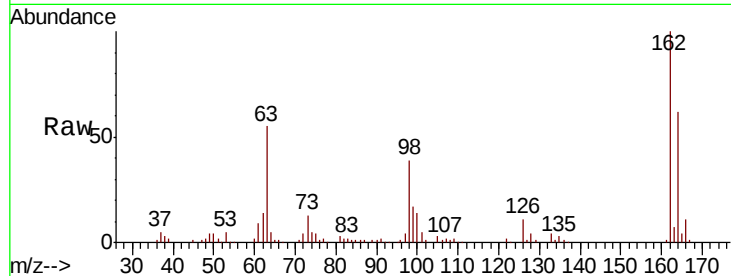
#29
2,4-Dichlorophenol
Concen: 45.687 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	120898		
164	62.4		44.4	84.4
98	38.9		18.2	58.2

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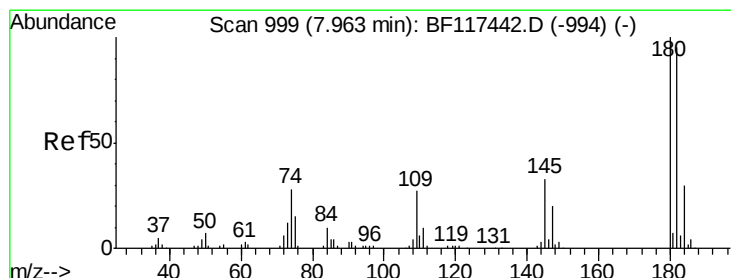
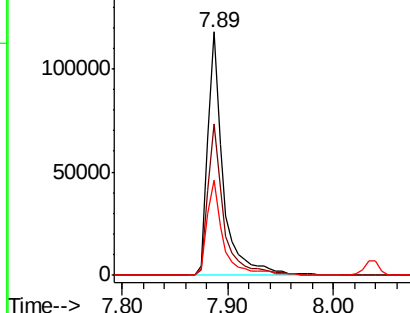
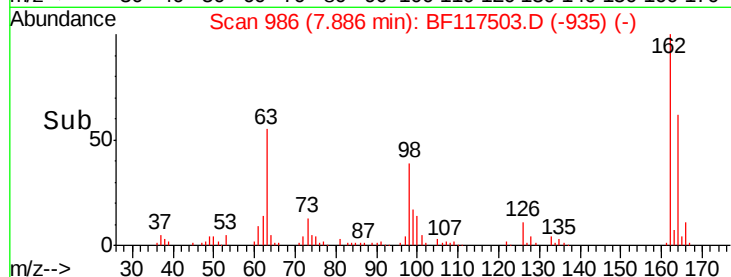


Abundance

Ion 162.00 (161.70 to 162.70): E

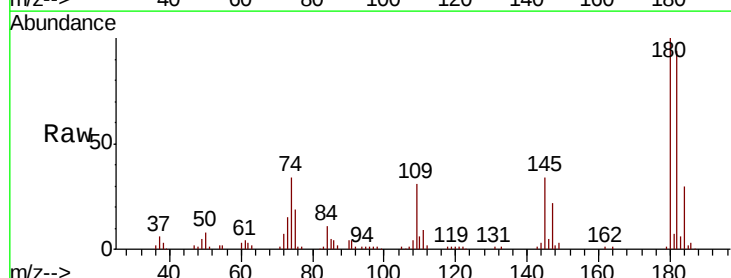
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.337 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123067		
182	94.5		75.8	113.8
145	34.4		26.5	39.7

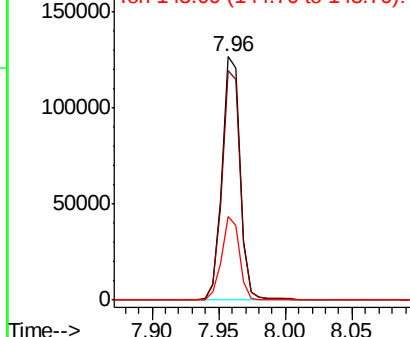
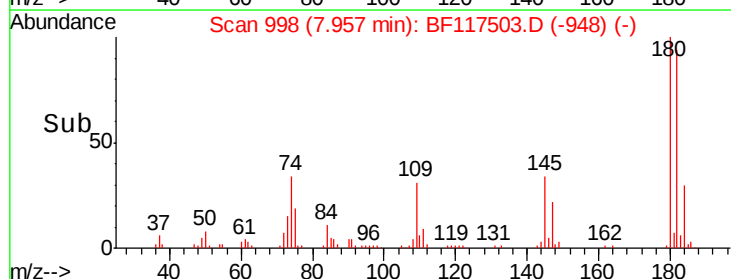


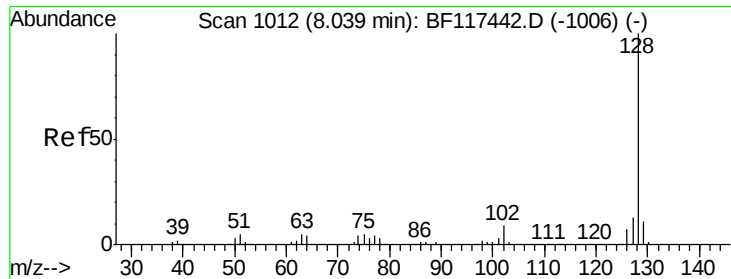
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





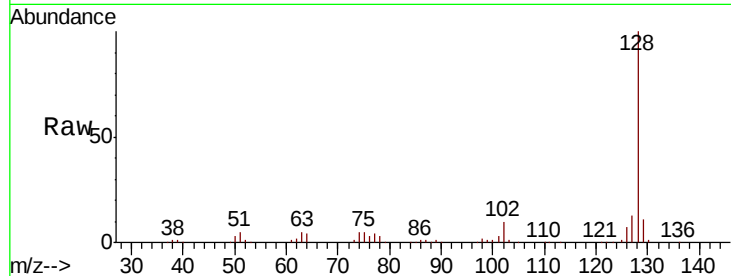
#31
Naphthalene
Concen: 45.006 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.7	10.2	15.2

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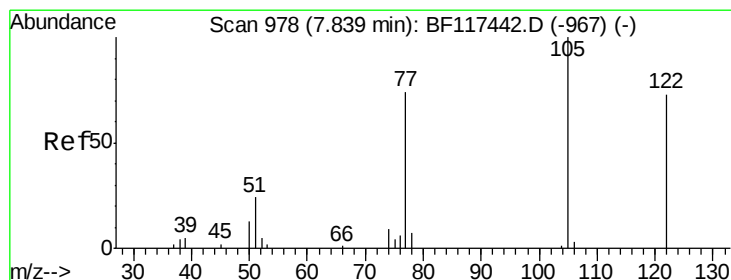
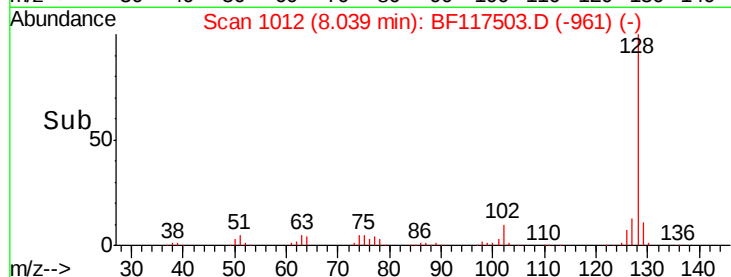
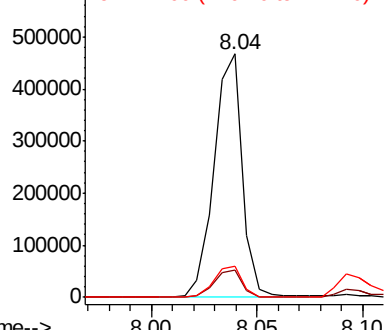


Abundance

Ion 128.00 (127.70 to 128.70): E

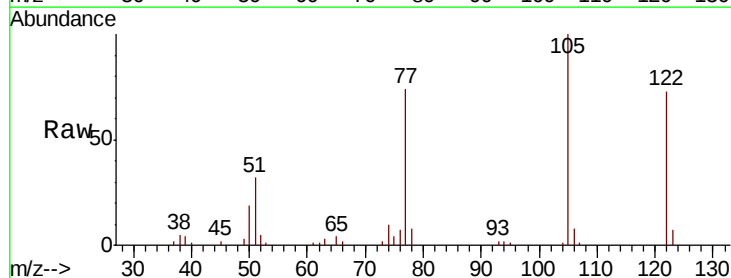
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.779 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.4	115.0	155.0
77	100.5	79.7	119.7

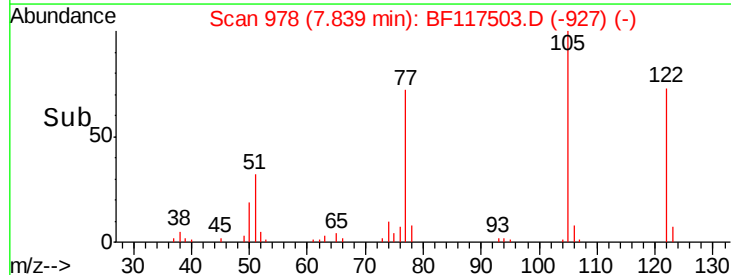
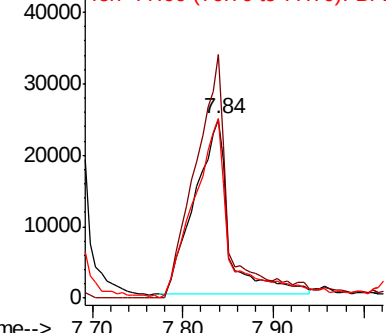


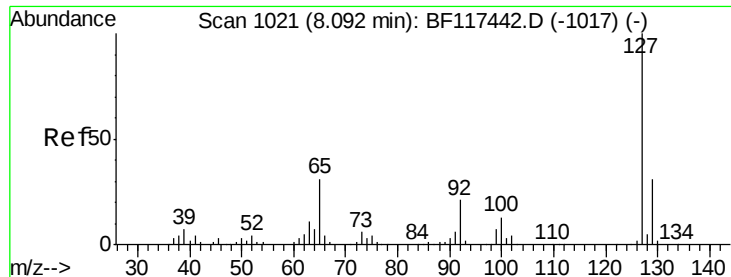
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





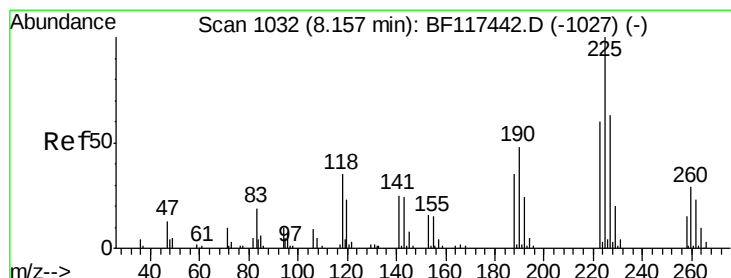
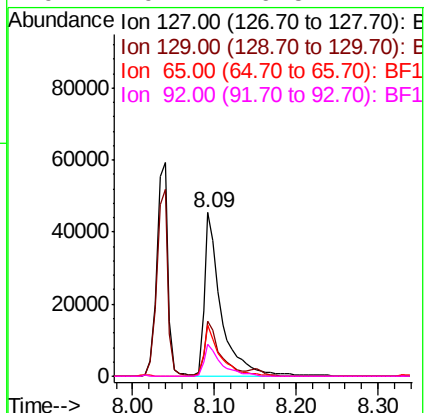
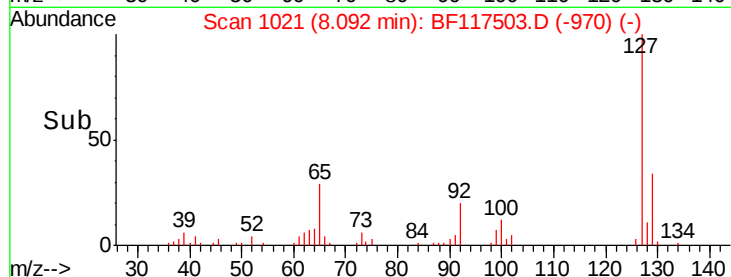
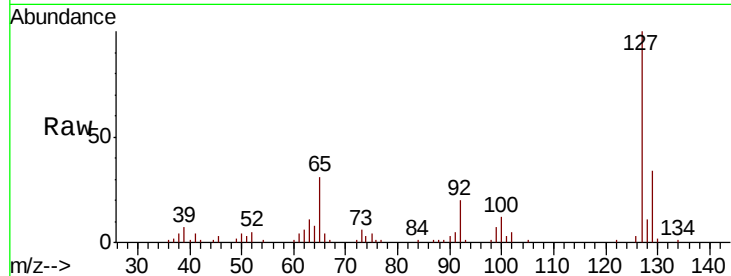
#33
4-Chloroaniline
Concen: 16.014 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		65356		
129	33.5	24.8	37.2		
65	31.1	24.6	37.0		
92	19.7	16.5	24.7		

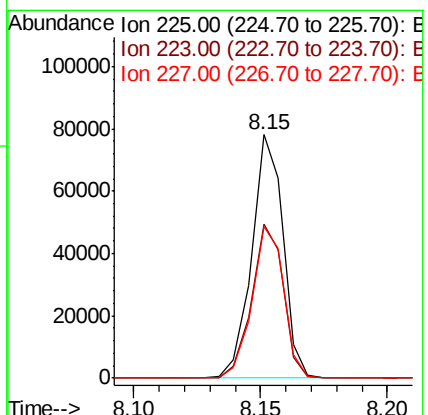
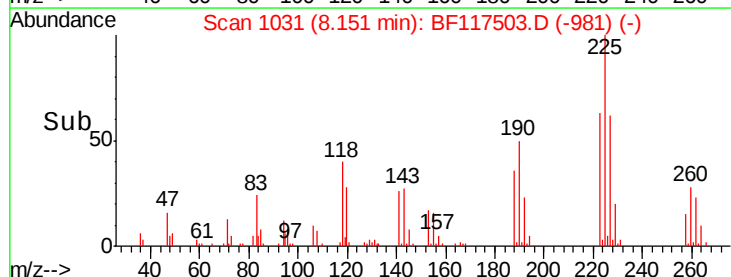
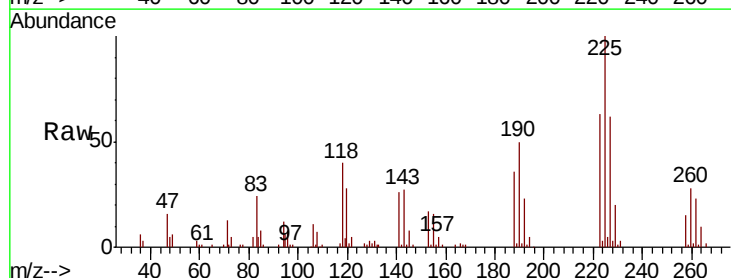
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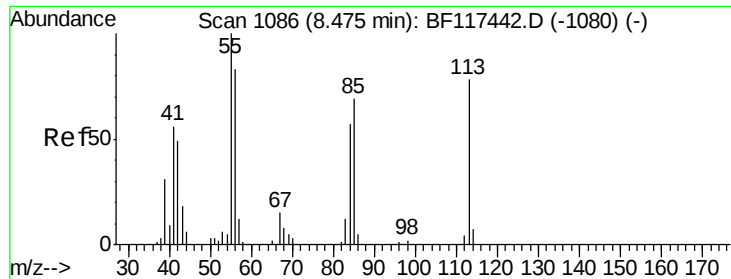
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#34
Hexachlorobutadiene
Concen: 40.950 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		67308		
223	63.3	48.2	72.4		
227	62.1	50.2	75.4		





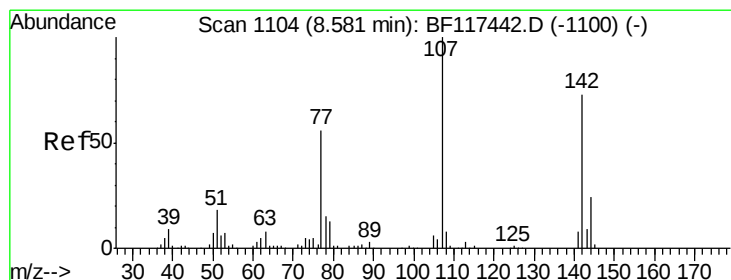
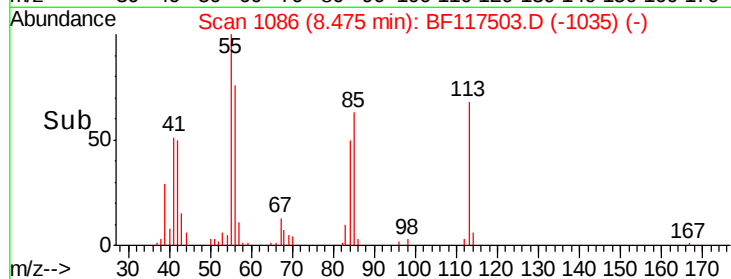
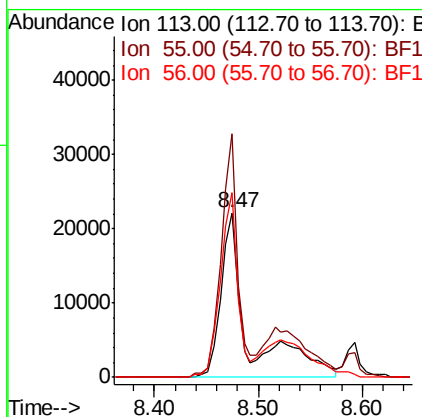
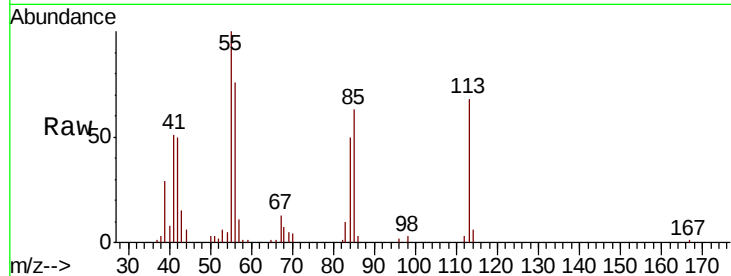
#35
 Caprolactam
 Concen: 47.633 ng m
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	147.7	108.8	148.8	
56	112.1	87.2	127.2	

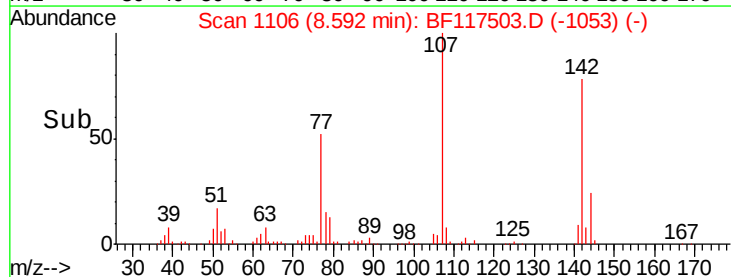
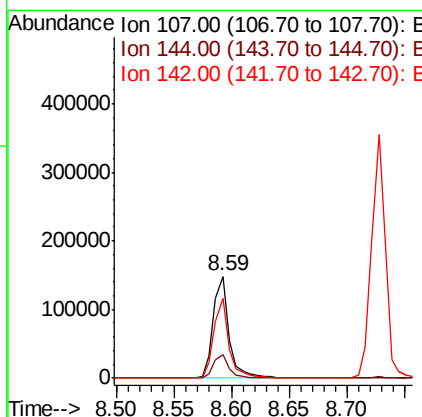
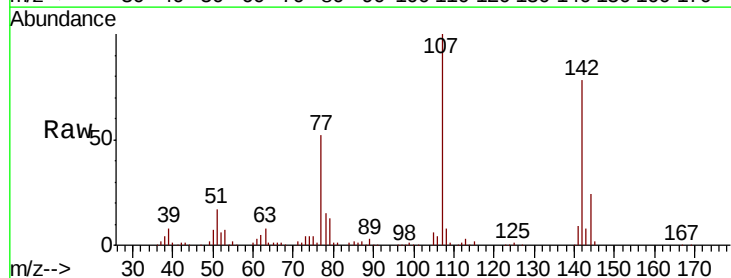
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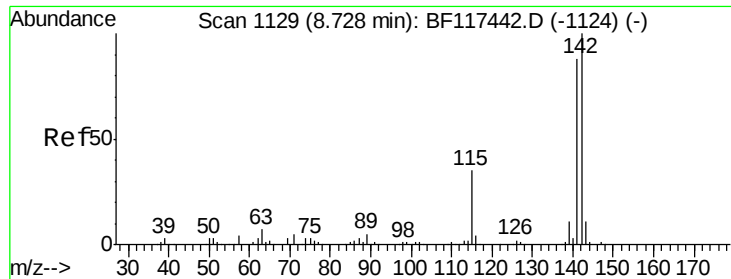
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#36
 4-Chloro-3-methylphenol
 Concen: 47.119 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.5	18.9	28.3	
142	77.8	58.6	88.0	





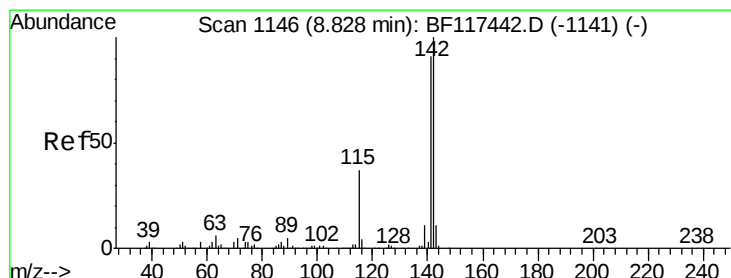
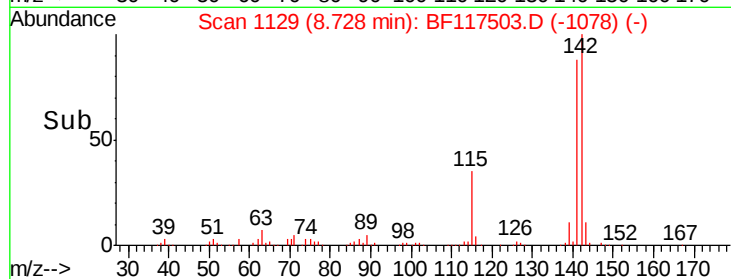
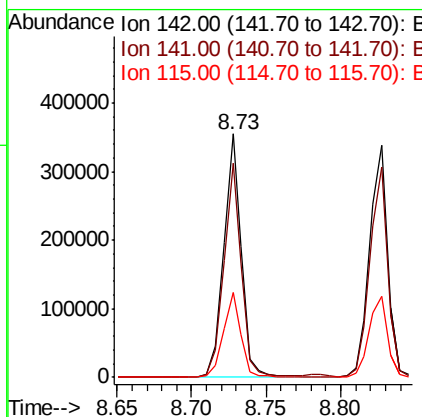
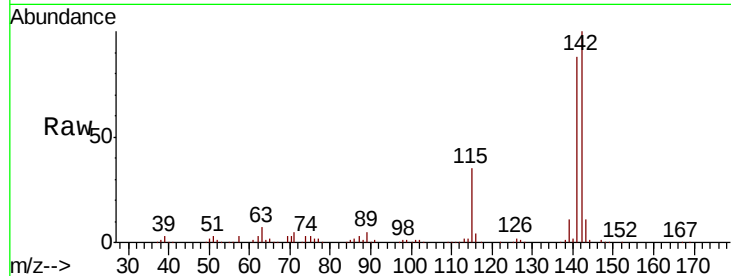
#37
2-Methylnaphthalene
Concen: 45.787 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.3	105.5
115	35.1	28.2	42.2

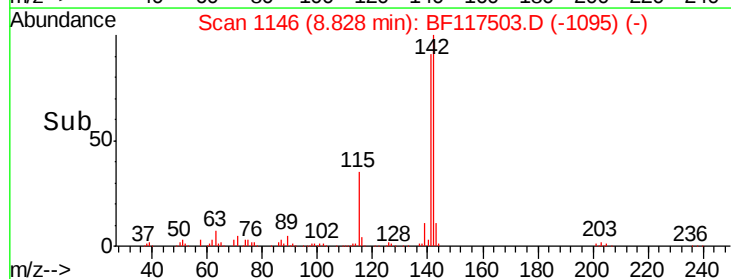
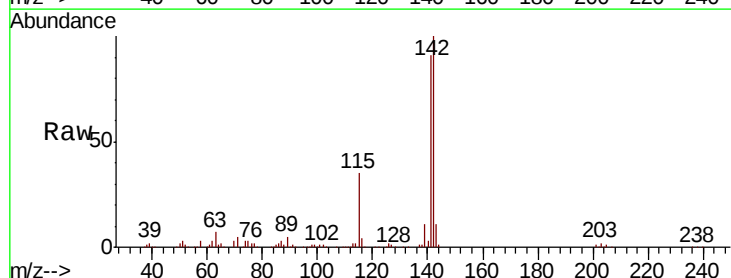
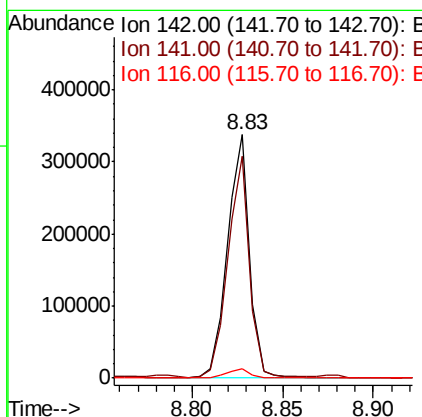
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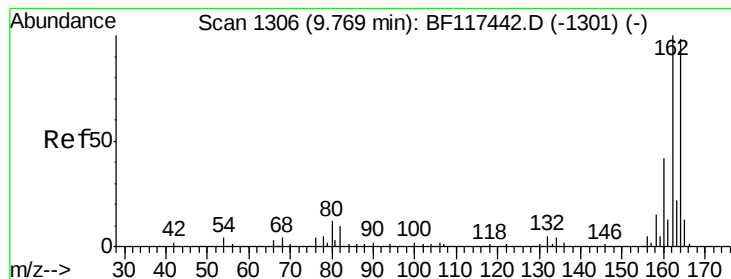
mohammad
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#38
1-Methylnaphthalene
Concen: 46.236 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.3	109.9
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Instrument :

BNA_F

ClientSampleId :

169-32-(0-1)MS

Tot Ion:164 Resp: 99885

Ion Ratio Lower Upper

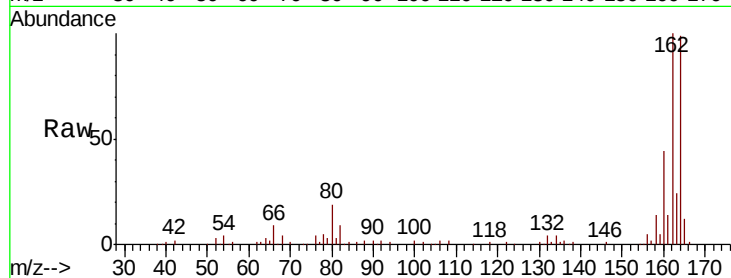
164 100

162 100.8 81.8 122.6

160 44.0 34.4 51.6

Manual Integrations
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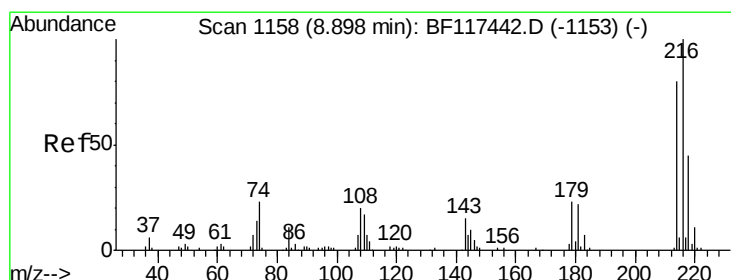
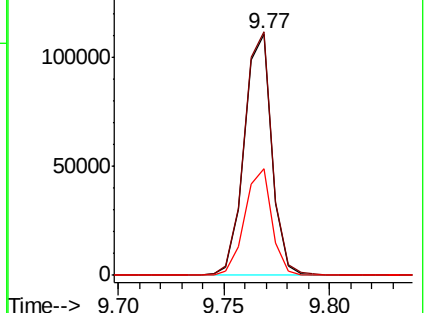
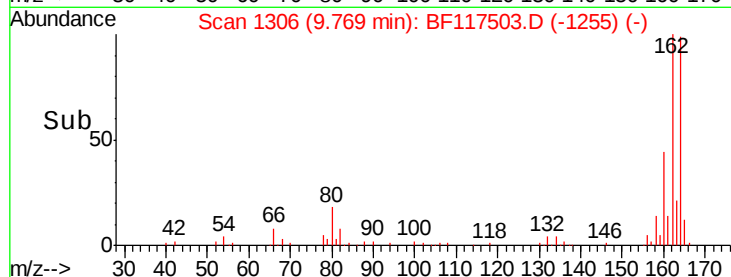


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.120 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Tgt Ion:216 Resp: 113314

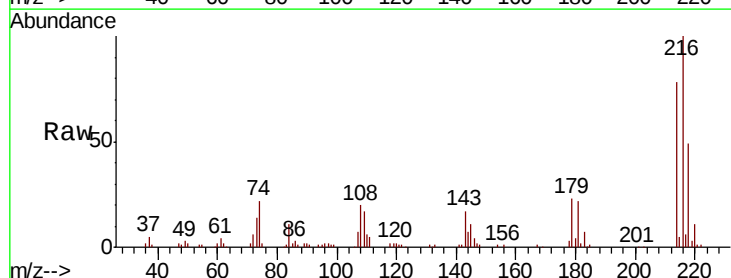
Ion Ratio Lower Upper

216 100

214 79.1 62.4 93.6

179 24.0 18.1 27.1

108 21.9 16.6 24.8



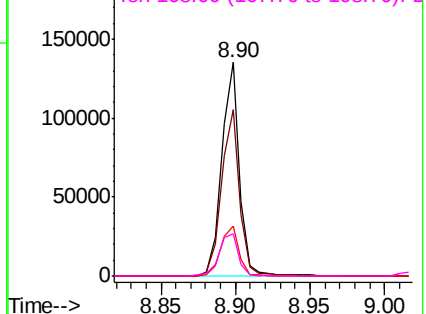
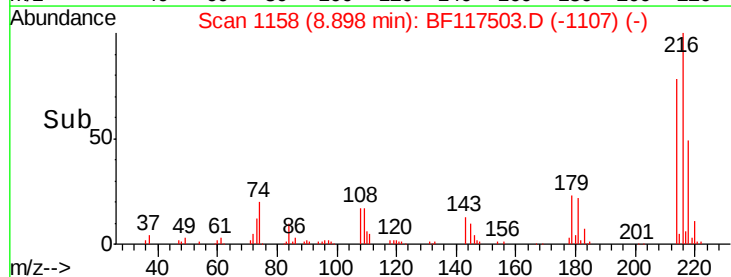
Abundance

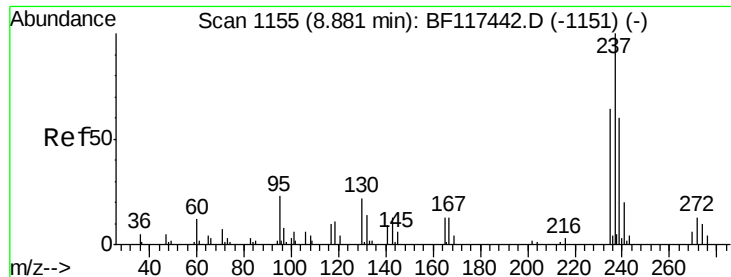
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 33.547 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Instrument :

BNA_F

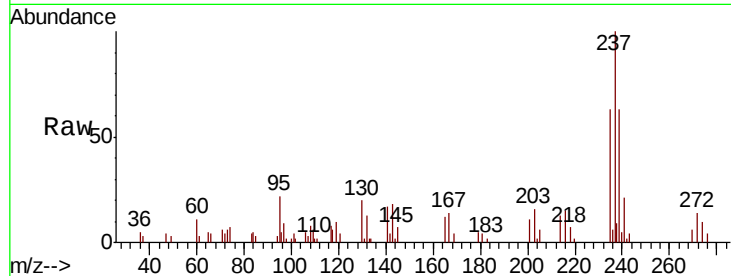
ClientSampleId :

169-32-(0-1)MS

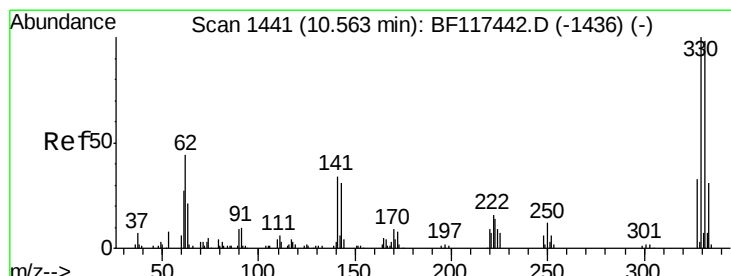
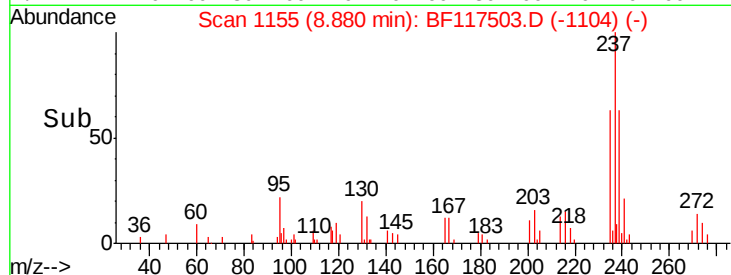
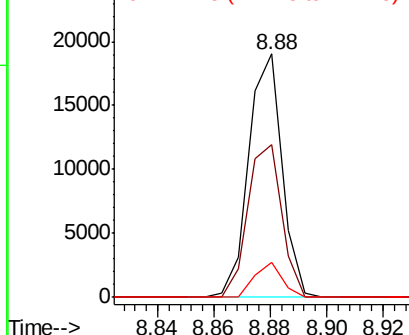
Tot Ion:	237	Resp:	15653
Ion Ratio	Lower	Upper	
237	100		
235	62.5	44.3	84.3
272	14.2	0.0	33.2

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 105.297 ng

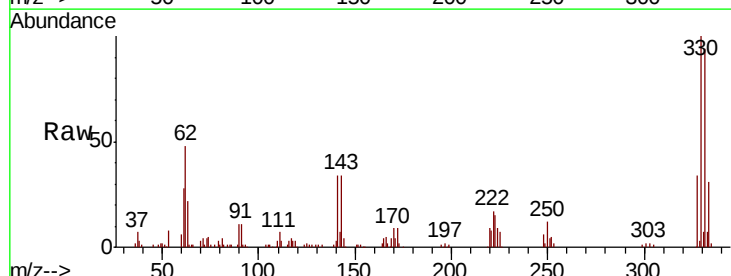
RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

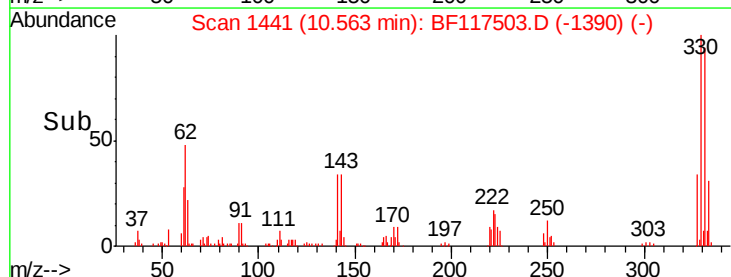
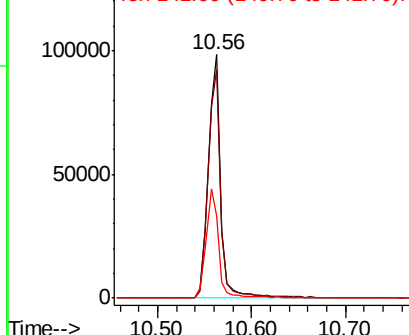
Lab File: BF117503.D

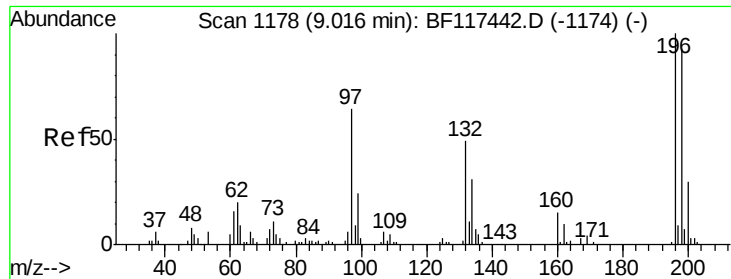
Acq: 24 Oct 2019 00:17

Tgt Ion:	330	Resp:	91004
Ion Ratio	Lower	Upper	
330	100		
332	95.8	78.5	117.7
141	44.4	37.0	55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





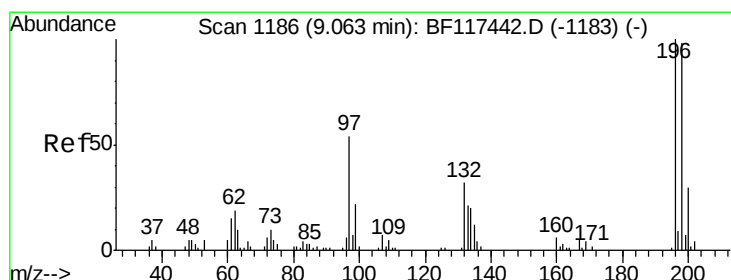
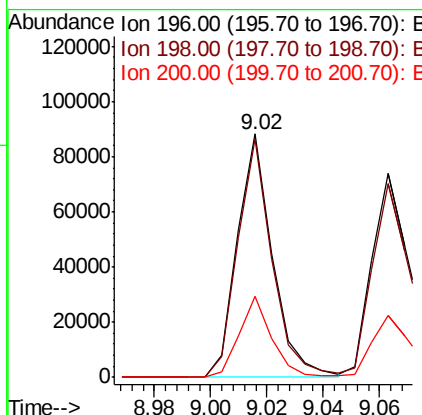
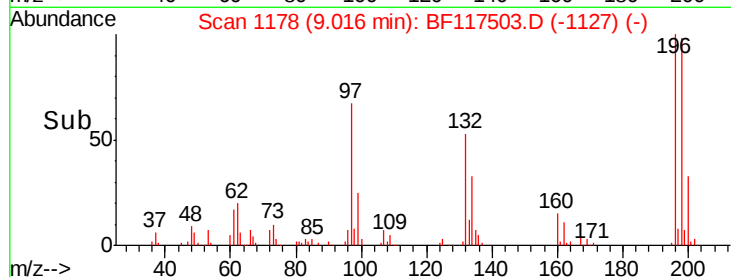
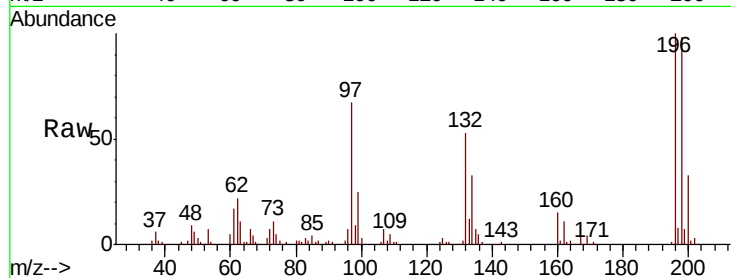
#43
 2,4,6-Trichlorophenol
 Concen: 45.298 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion:	196	Resp:	76316
Ion Ratio	Lower	Upper	
196	100		
198	97.7	74.1	111.1
200	33.3	23.9	35.9

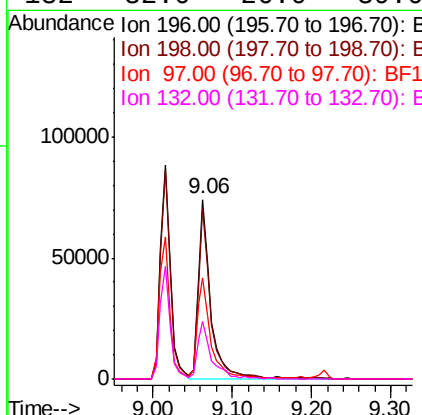
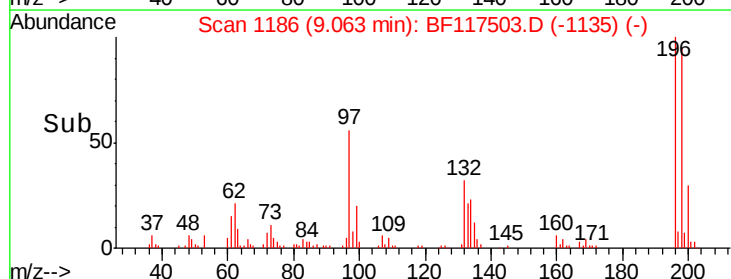
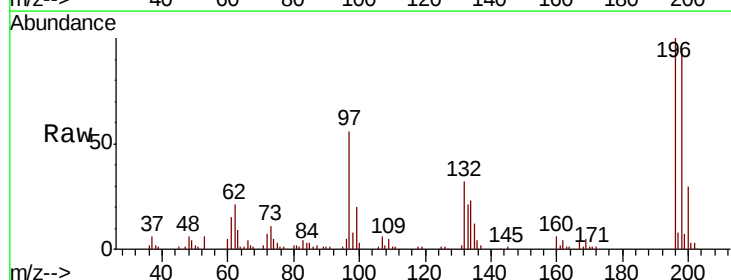
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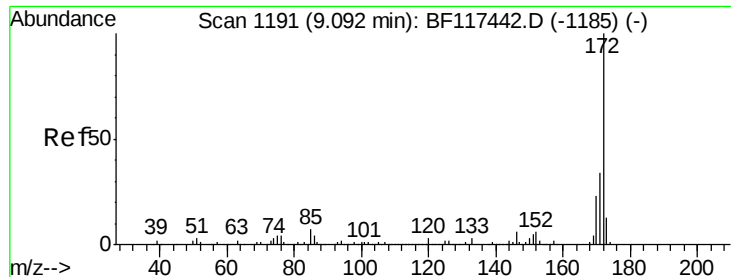
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#44
 2,4,5-Trichlorophenol
 Concen: 49.236 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Tgt Ion:	196	Resp:	84055
Ion Ratio	Lower	Upper	
196	100		
198	94.7	78.6	117.8
97	56.4	43.4	65.2
132	32.0	26.0	39.0





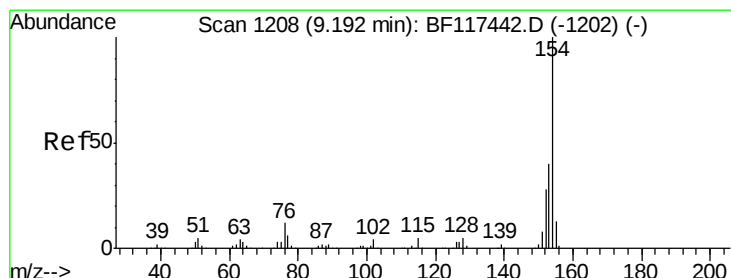
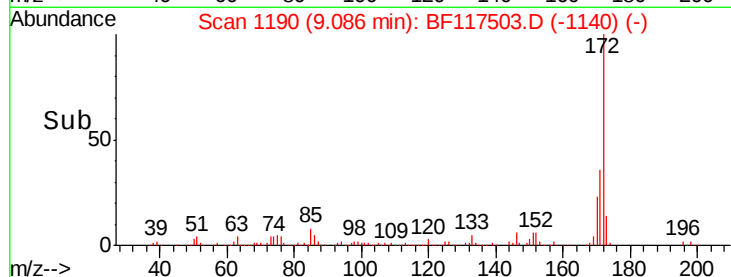
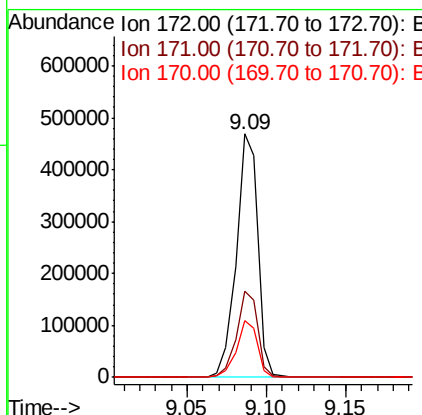
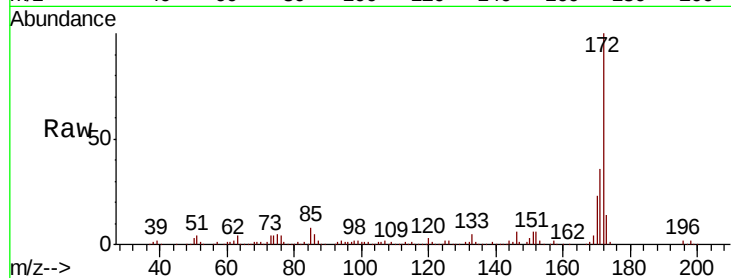
#45
2-Fluorobiphenyl
Concen: 62.050 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.5	41.3
170	23.3	18.6	27.8

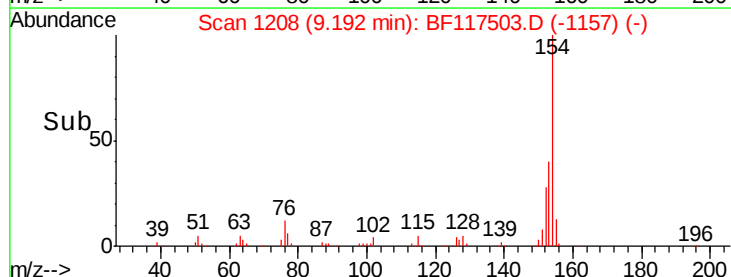
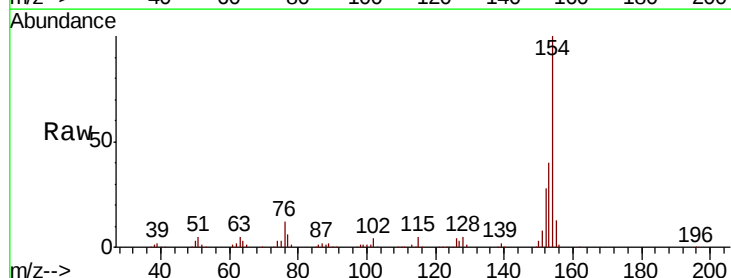
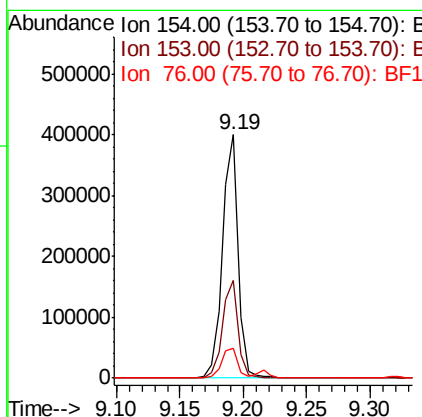
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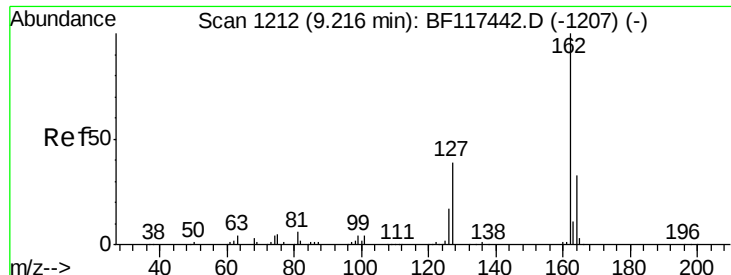
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#46
1,1'-Biphenyl
Concen: 41.847 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.2	60.2
76	12.4	0.0	32.1





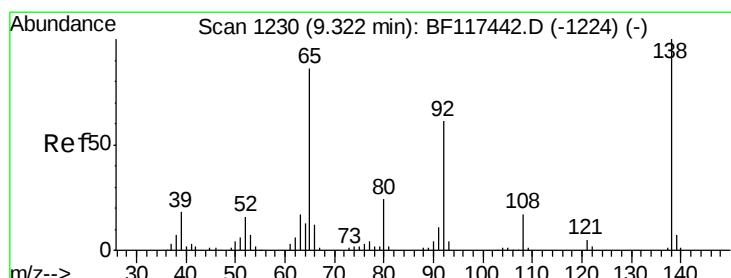
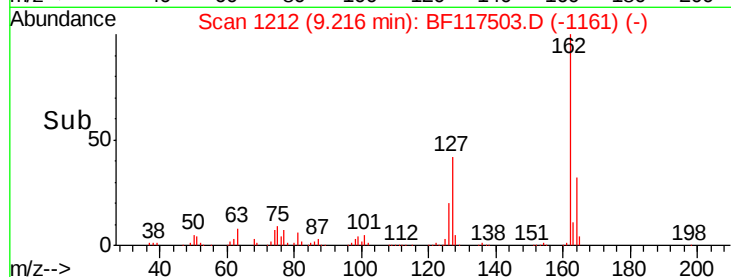
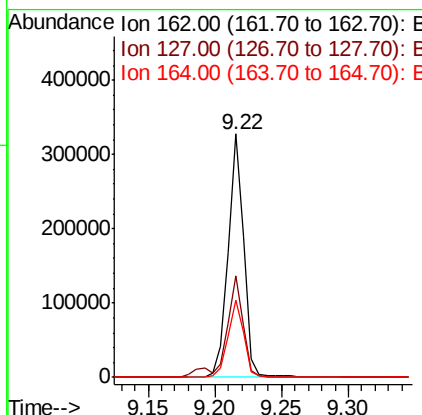
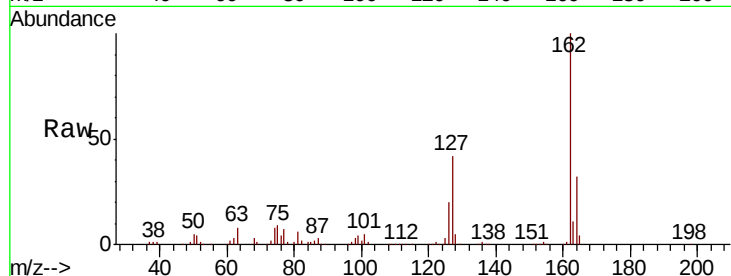
#47
2-Chloronaphthalene
Concen: 43.763 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	34.2	51.4
164	31.7	26.4	39.6

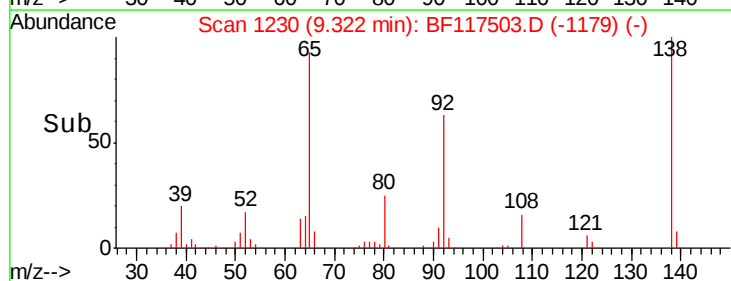
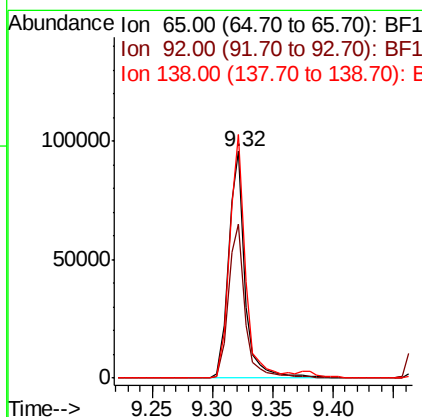
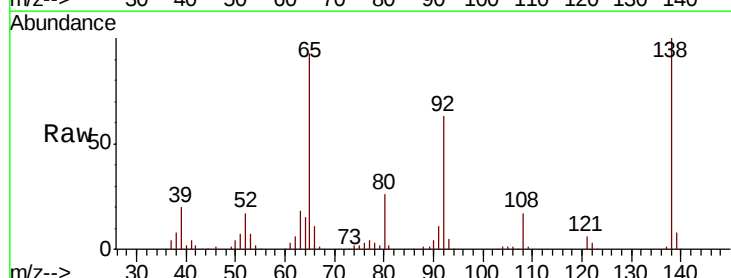
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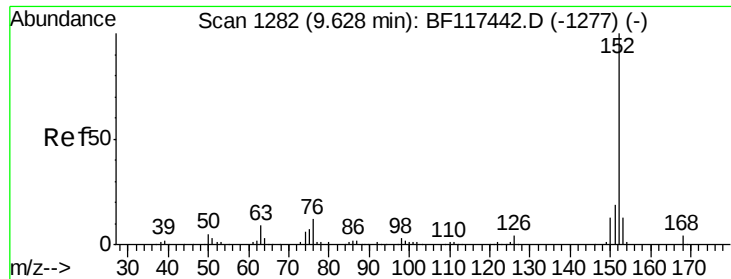
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#48
2-Nitroaniline
Concen: 43.805 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	57.3	85.9
138	107.4	93.3	139.9





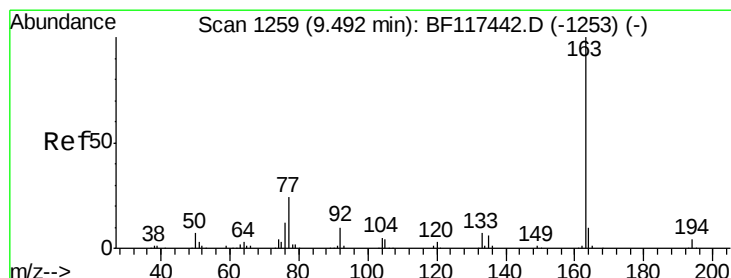
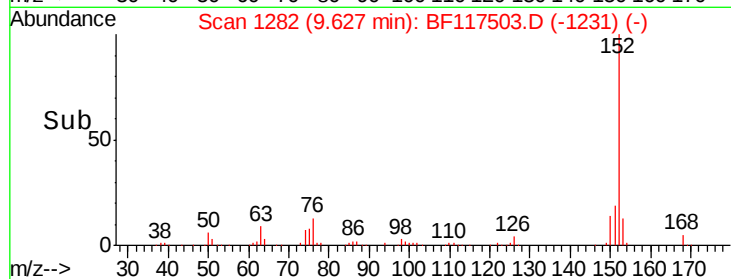
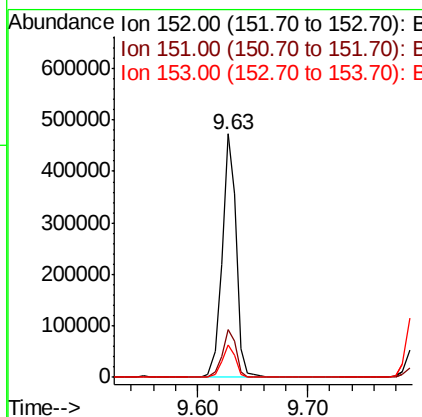
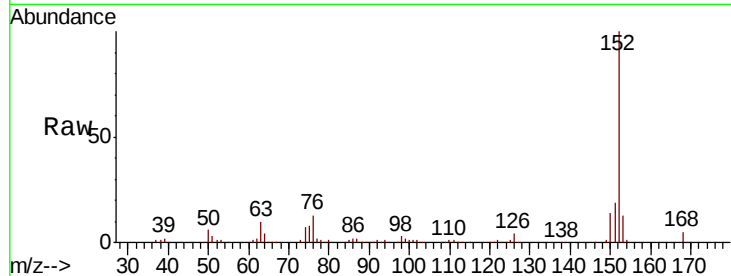
#49
Acenaphthylene
Concen: 45.741 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0
153	13.1	10.3	15.5

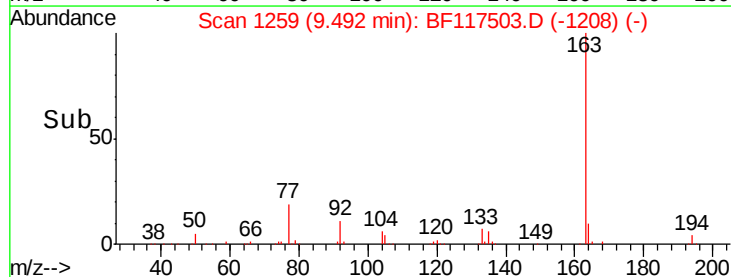
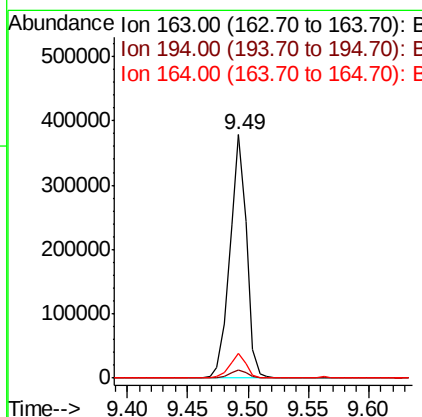
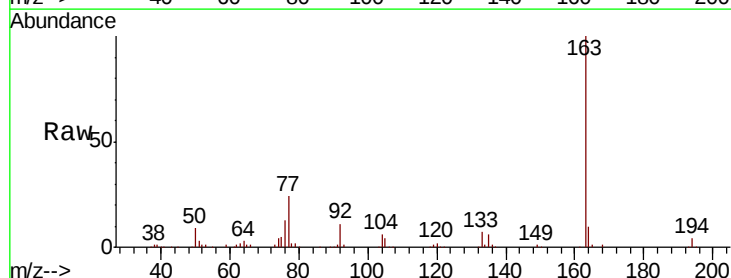
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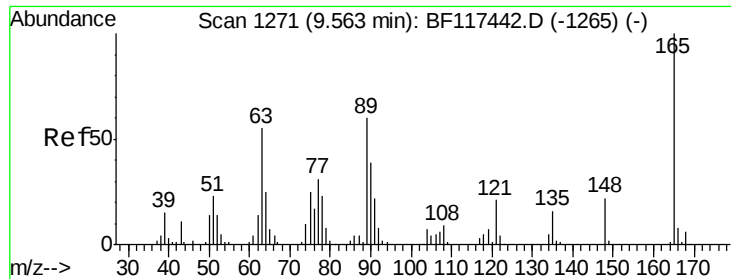
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#50
Dimethylphthalate
Concen: 50.845 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.2	8.2	12.2





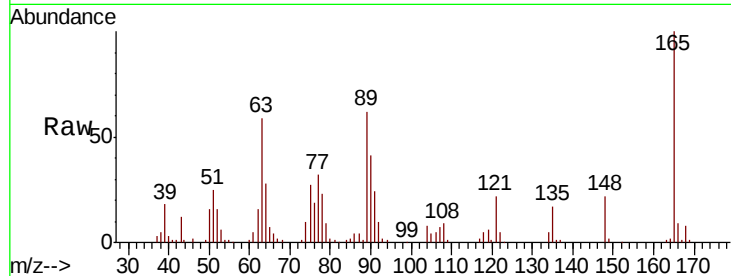
#51
2,6-Dinitrotoluene
Concen: 46.231 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.8	43.8	65.8
89	61.6	47.6	71.4

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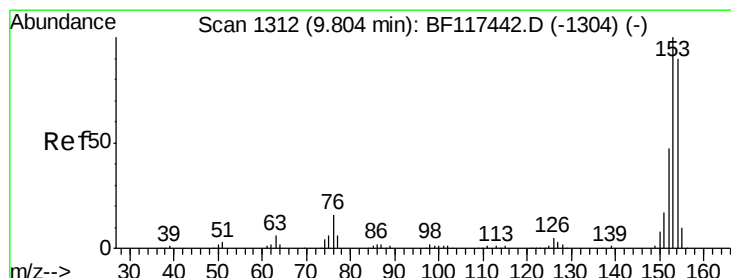
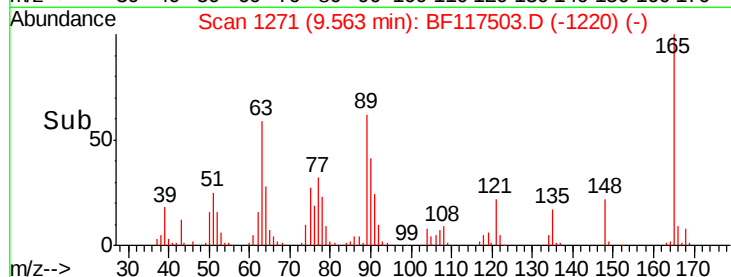
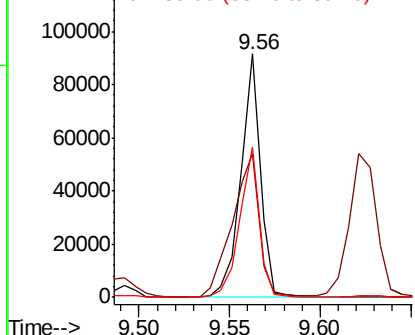


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 44.462 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

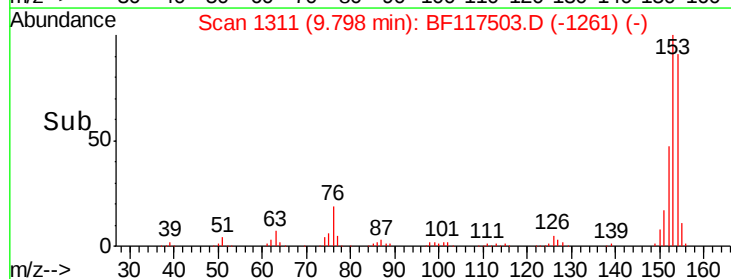
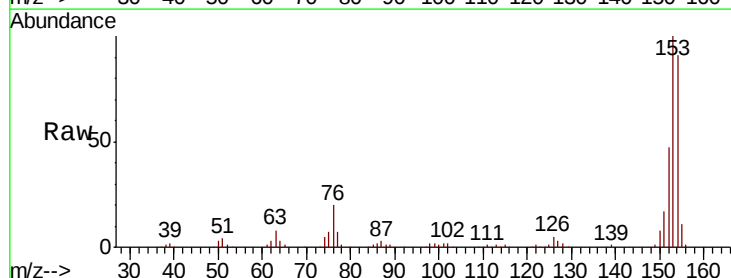
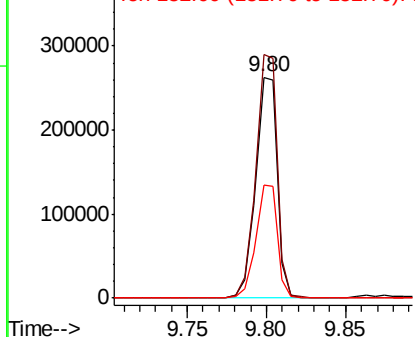
Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.2	133.8
152	51.3	41.8	62.6

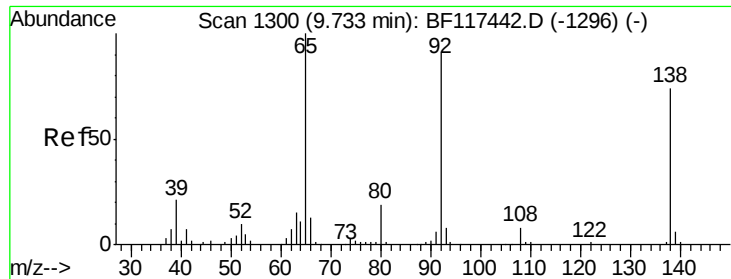
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





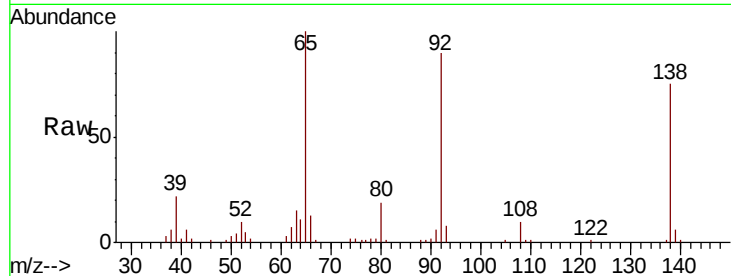
#53
3-Nitroaniline
Concen: 22.689 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.9	8.7	13.1
92	119.7	98.4	147.6

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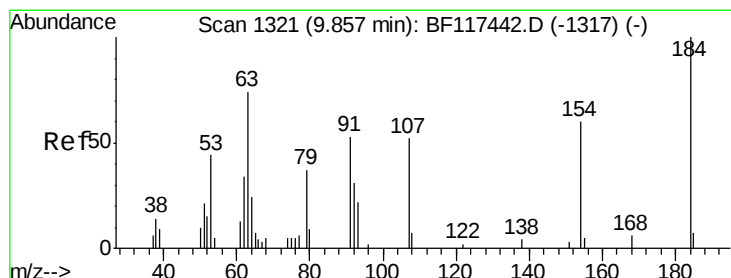
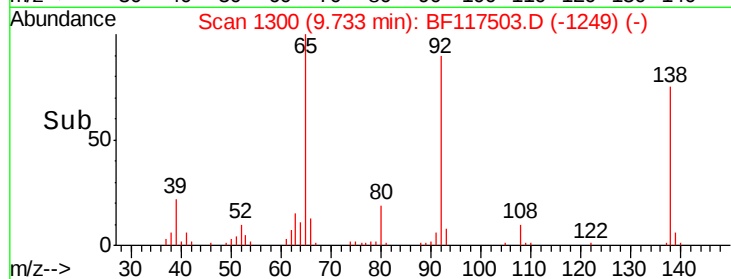
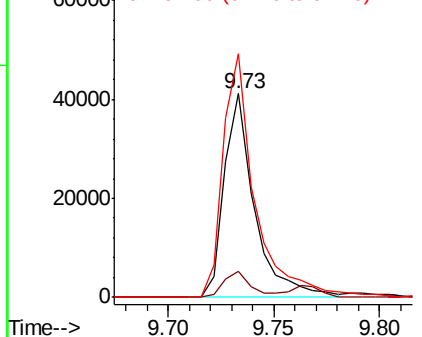


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 18.319 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

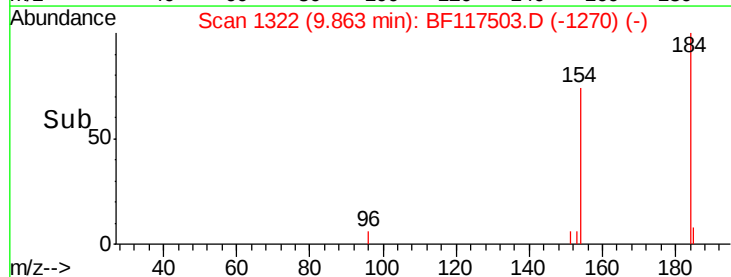
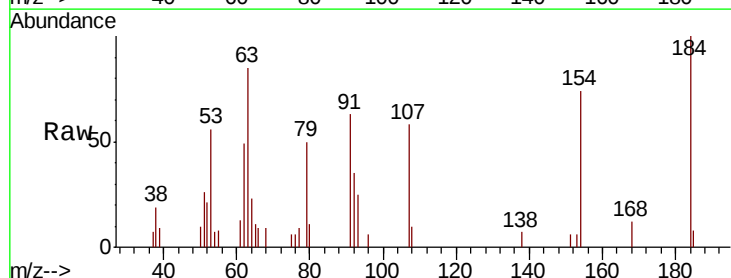
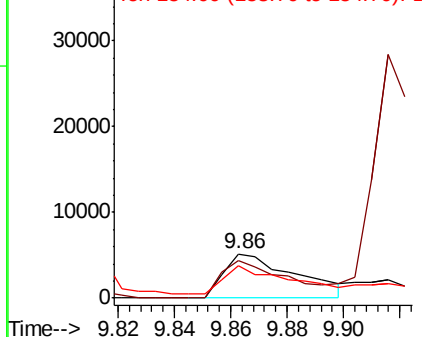
Tgt Ion	Ratio	Lower	Upper
184	100		
63	84.6	59.2	88.8
154	74.2	53.4	80.0

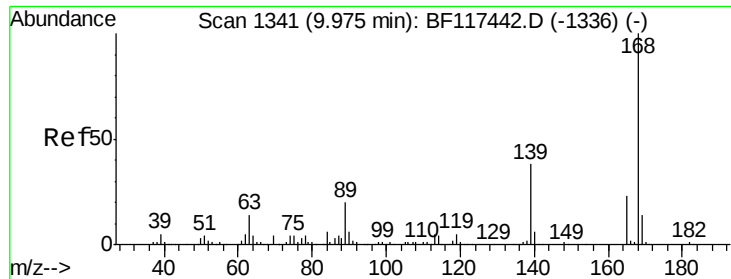
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





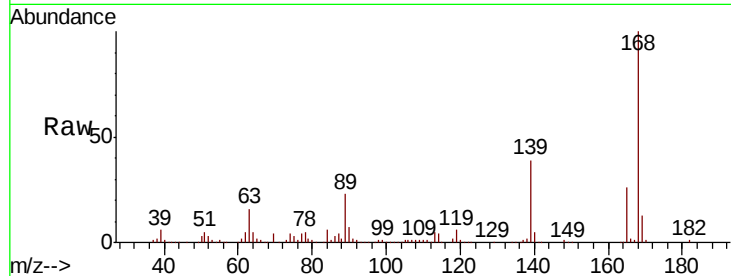
#55
Dibenzenofuran
Concen: 45.827 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.8	47.6
169	13.1	11.2	16.8

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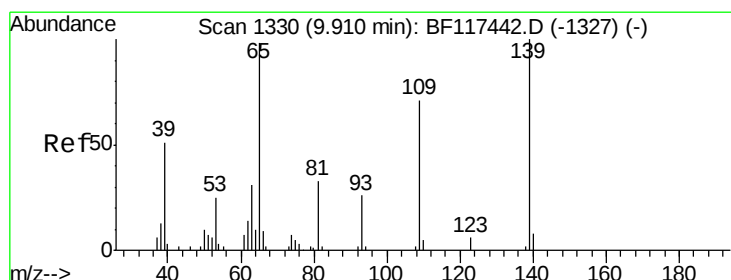
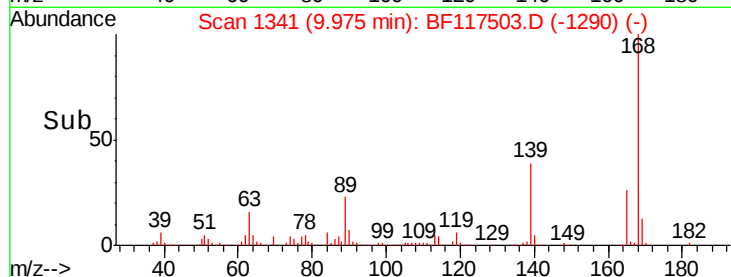
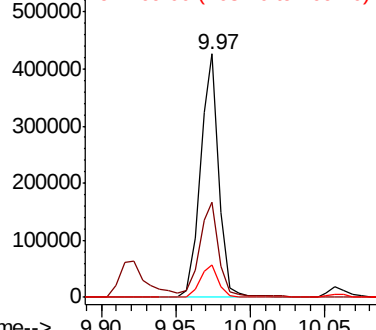


Abundance

Ion 168.00 (167.70 to 168.70): E

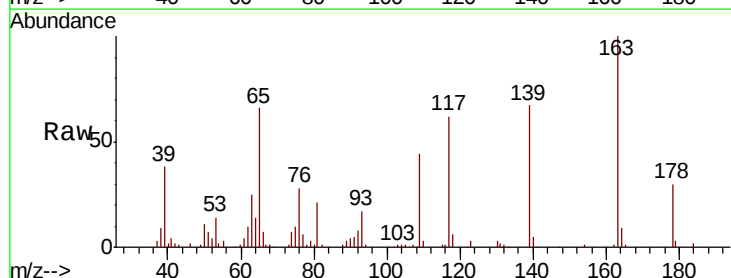
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 96.190 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.2	51.4	91.4
65	98.0	79.4	119.4

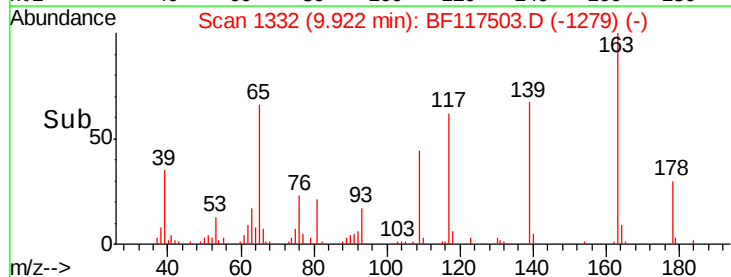
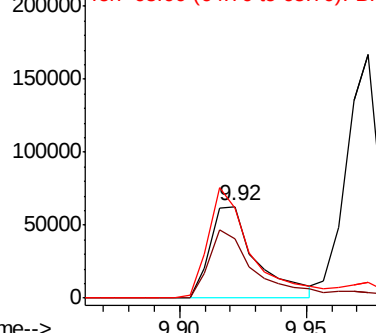


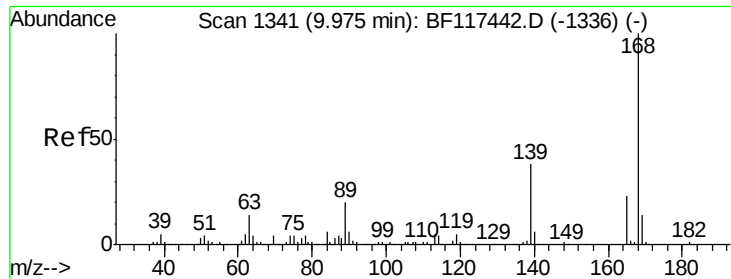
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





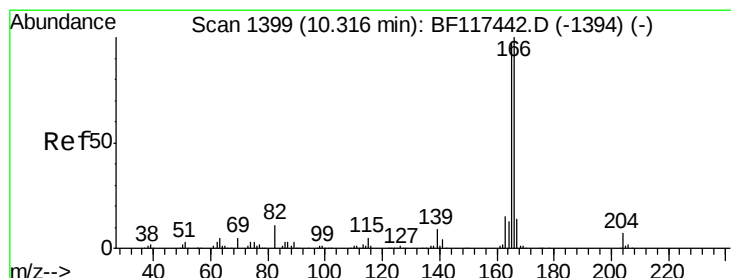
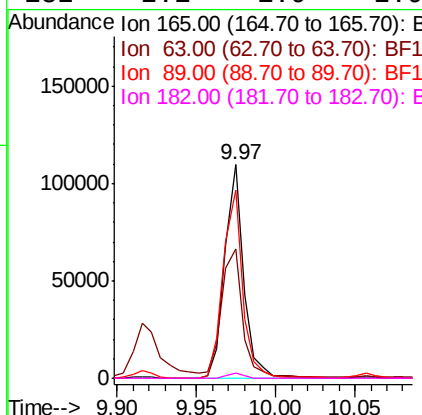
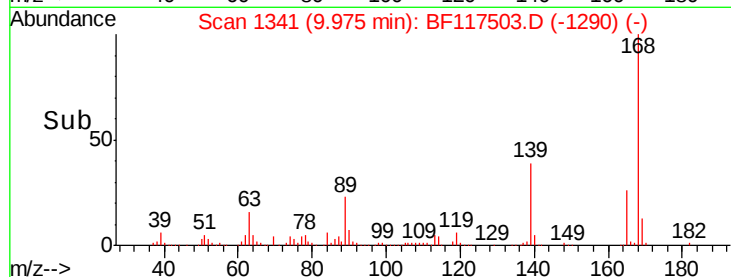
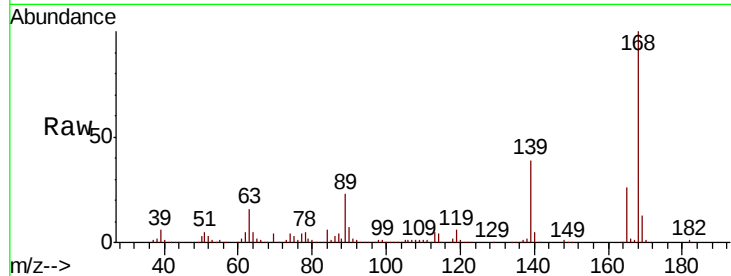
#57
2,4-Dinitrotoluene
Concen: 46.069 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.8	51.4	77.0	
89	87.9	69.9	104.9	
182	2.1	1.9	2.9	

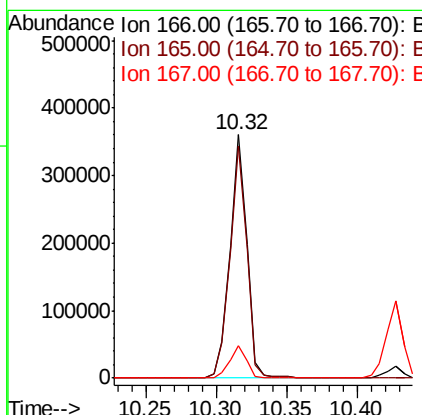
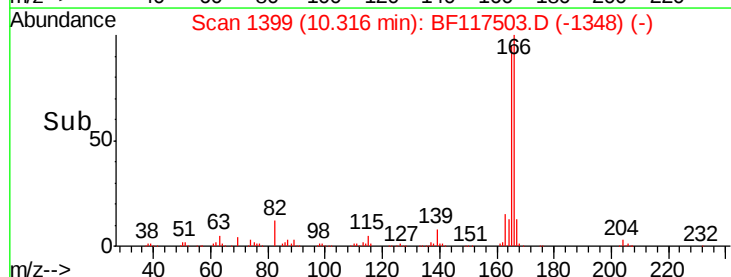
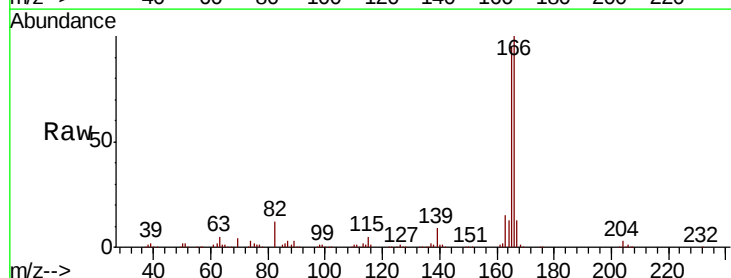
Manual Integrations
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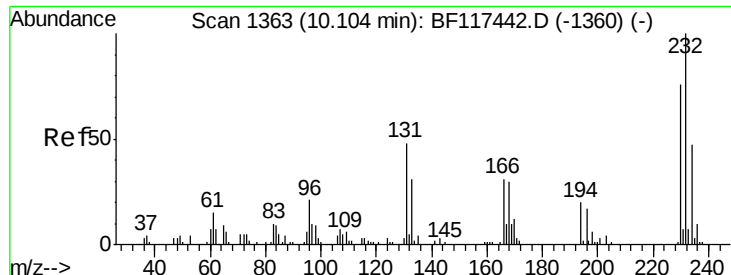
mohammad
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#58
Fluorene
Concen: 44.777 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.1	77.6	116.4	
167	13.3	11.0	16.4	





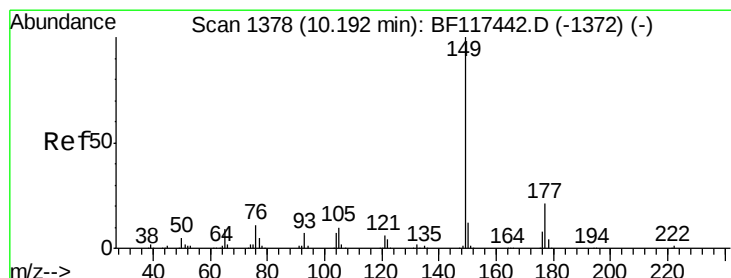
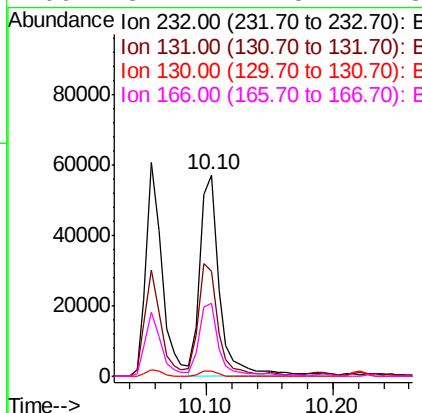
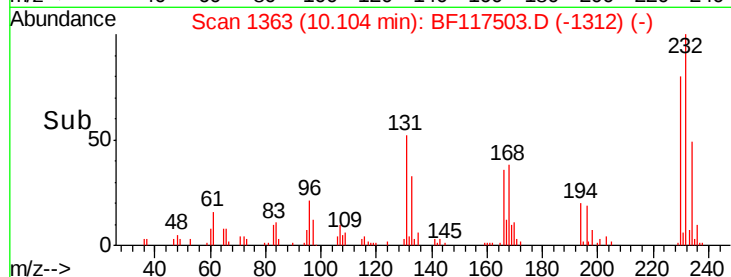
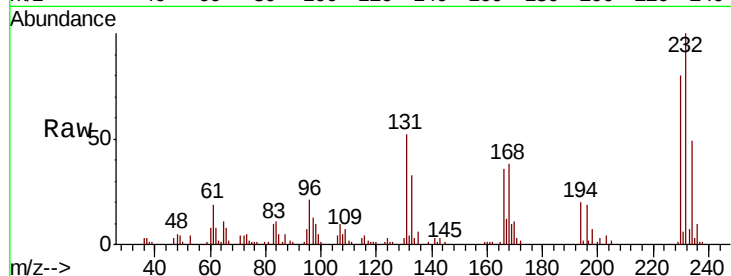
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.303 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	56.0	42.6	63.8
130	2.5	2.2	3.4
166	37.4	27.5	41.3

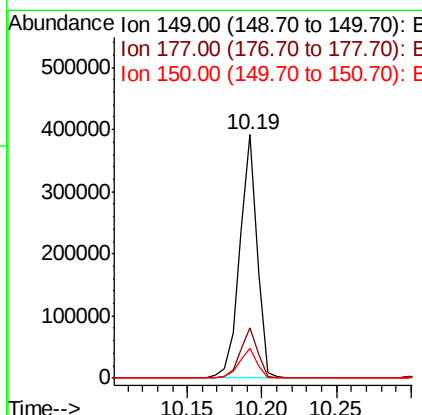
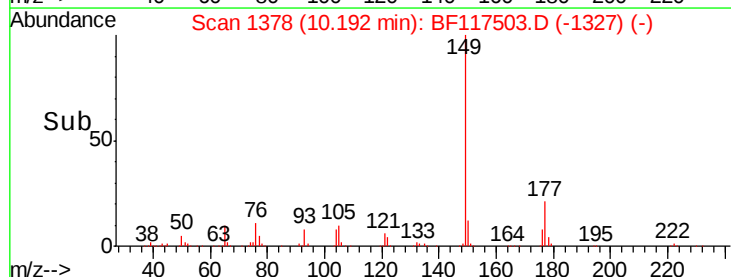
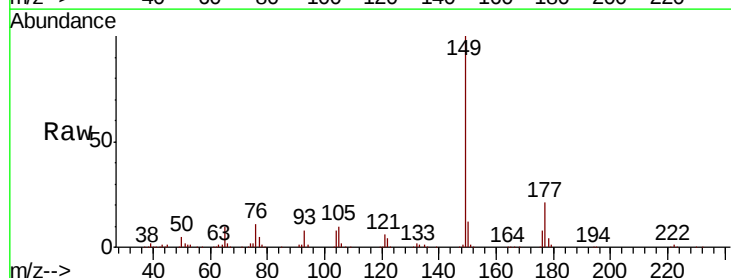
Manual Integrations
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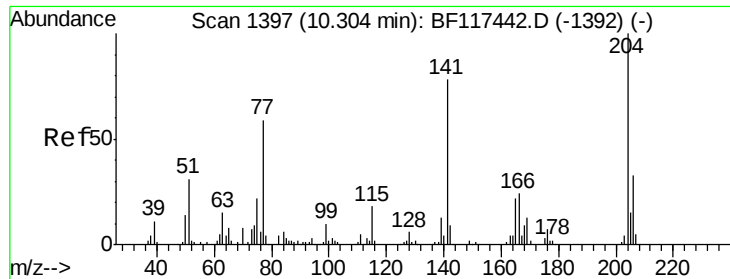
mohammad
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#60
 Diethylphthalate
 Concen: 44.252 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	17.0	25.4
150	12.1	9.8	14.6





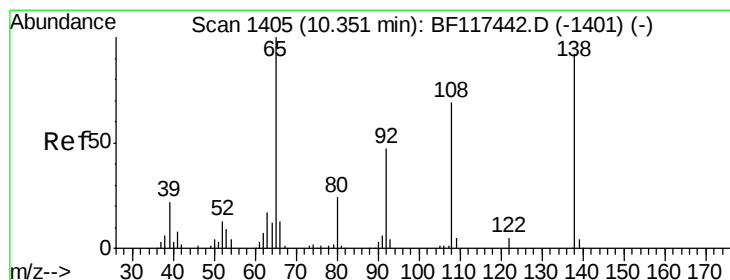
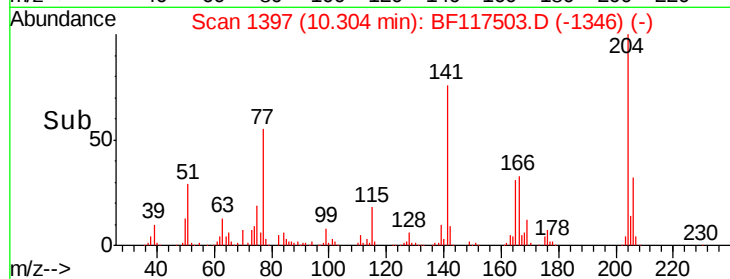
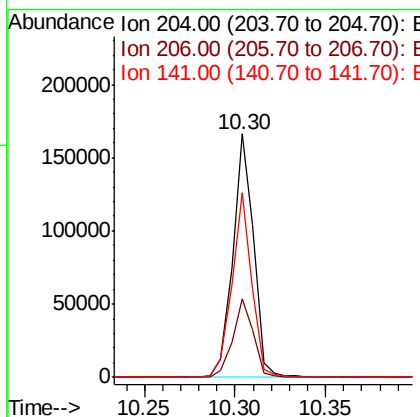
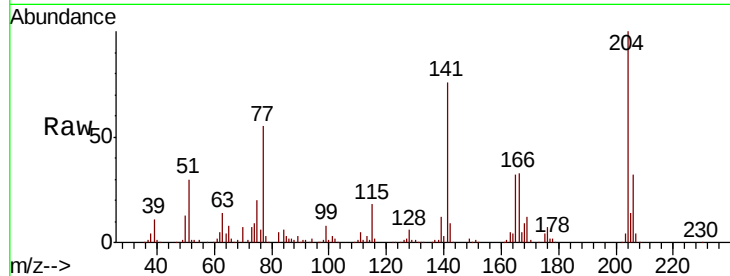
#61
4-Chlorophenyl-phenylether
Concen: 43.771 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.3	39.5
141	76.0	62.2	93.4

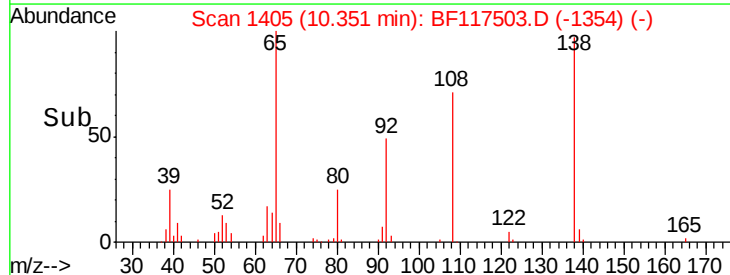
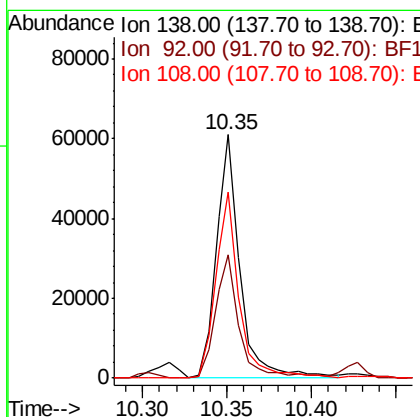
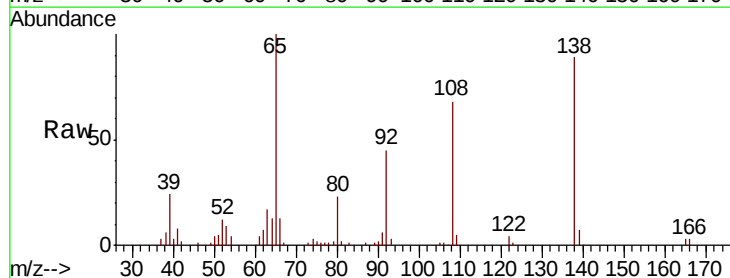
Manual Integrations
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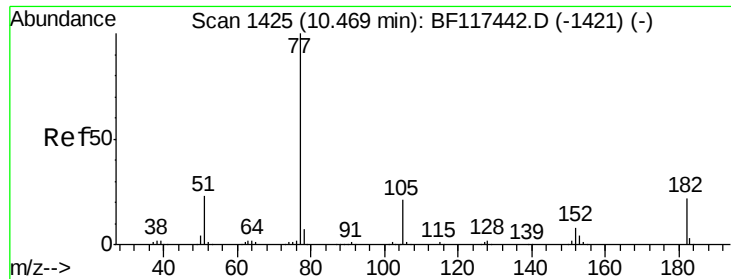
mohammad
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#62
4-Nitroaniline
Concen: 35.005 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.3	70.3
108	76.5	54.9	94.9





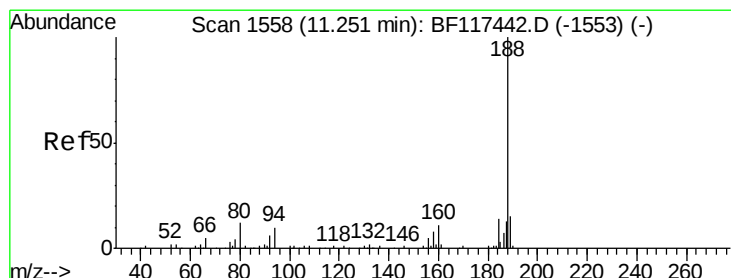
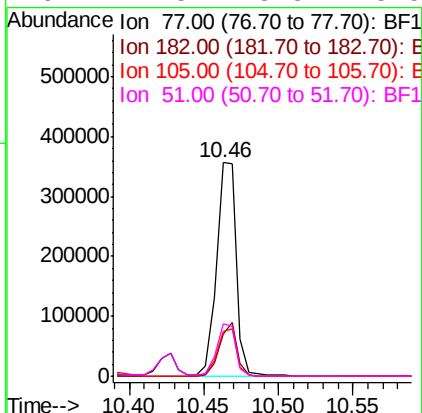
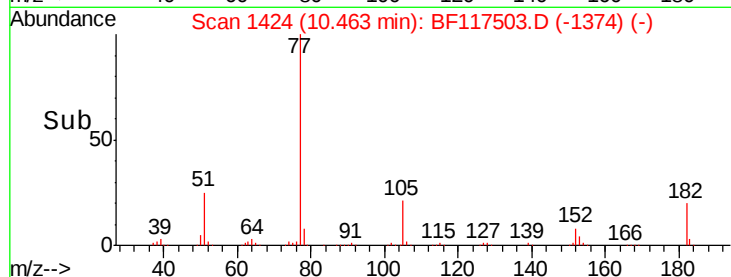
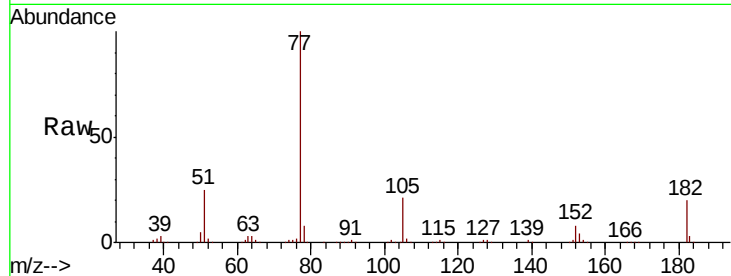
#63
Azobenzene
Concen: 44.934 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	19.6	2.3	42.3		
105	21.0	1.3	41.3		
51	24.5	3.5	43.5		

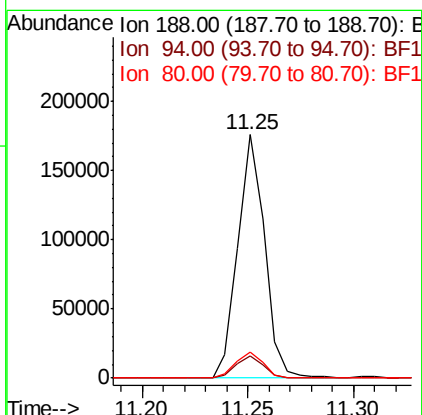
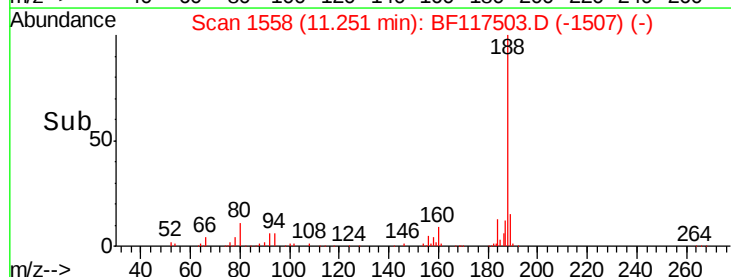
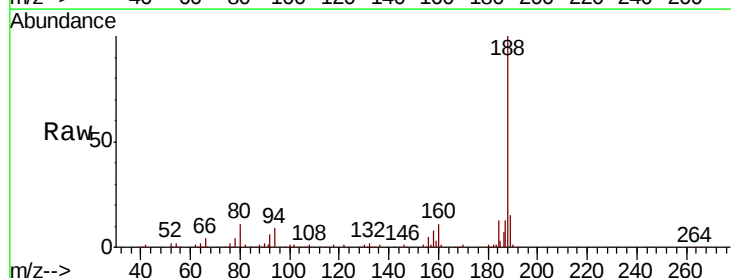
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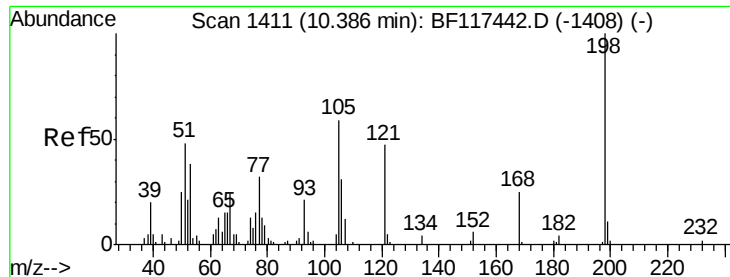
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.0	8.0	12.0		
80	10.9	9.5	14.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 14.632 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Instrument :

BNA_F

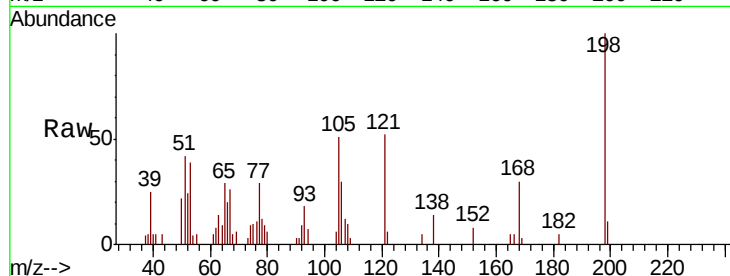
ClientSampleId :

169-32-(0-1)MS

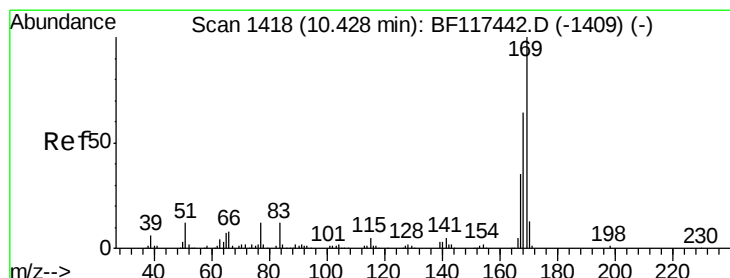
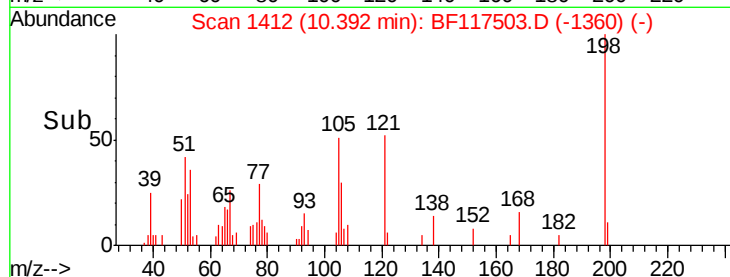
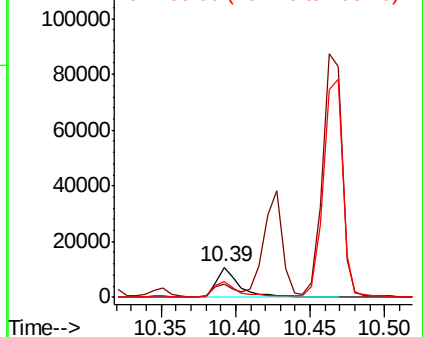
Tot Ion:	198	Resp:	11480
Ion Ratio	Lower	Upper	
198	100		
51	42.2	29.1	69.1
105	51.1	39.4	79.4

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.931 ng

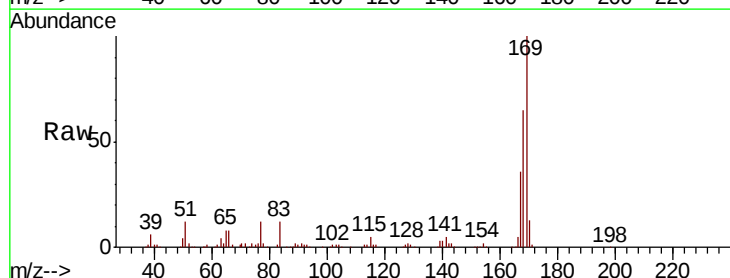
RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

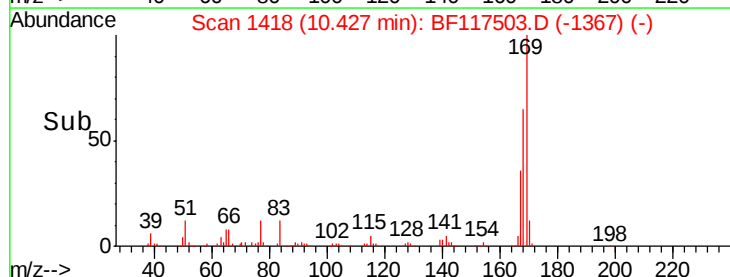
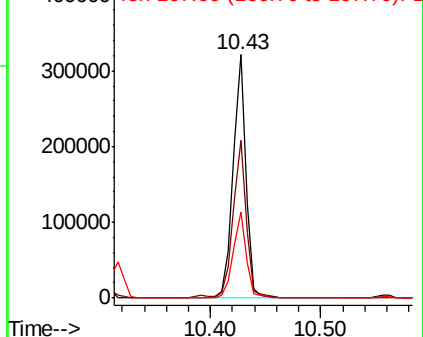
Lab File: BF117503.D

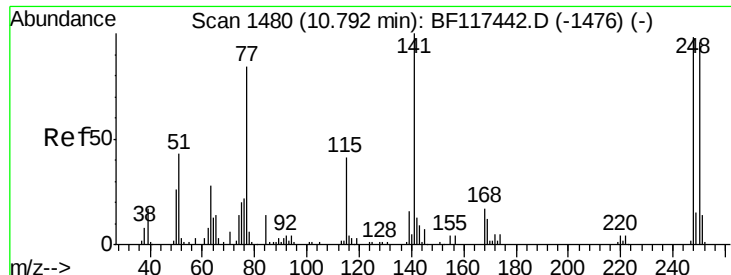
Acq: 24 Oct 2019 00:17

Tgt Ion:	169	Resp:	264752
Ion Ratio	Lower	Upper	
169	100		
168	65.0	51.3	76.9
167	35.6	28.2	42.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





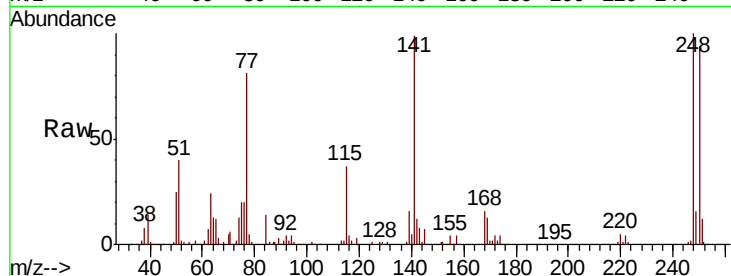
#67
4-Bromophenyl-phenylether
Concen: 44.152 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	78.0	117.0
141	98.7	81.7	122.5

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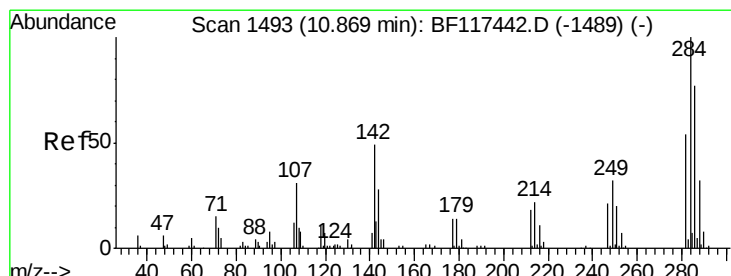
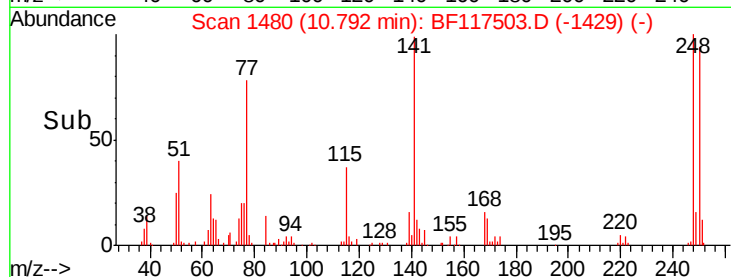
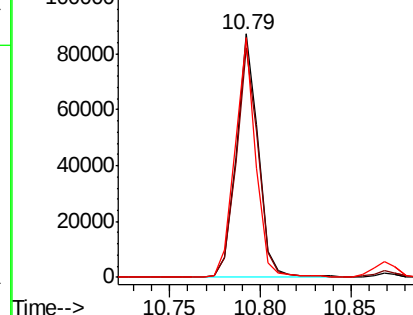


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.640 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

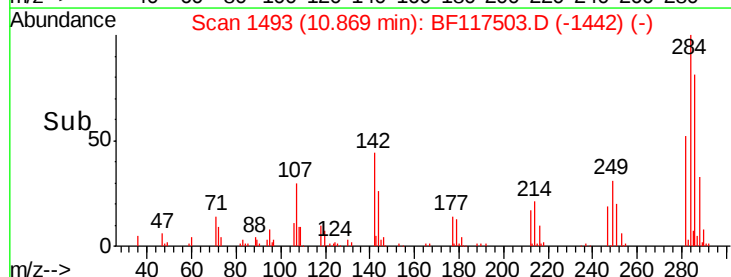
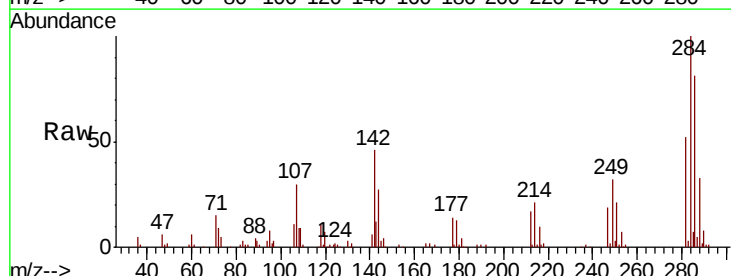
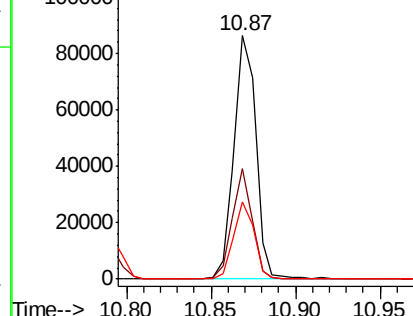
Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.6	39.0	58.6
249	31.9	25.7	38.5

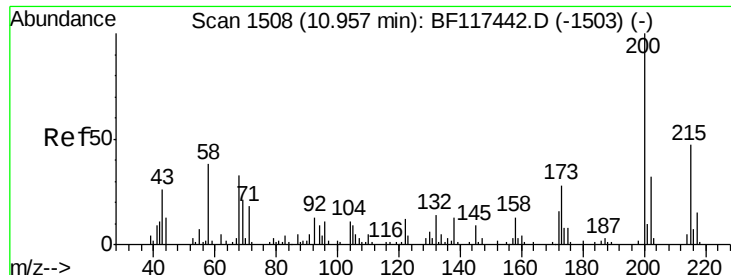
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





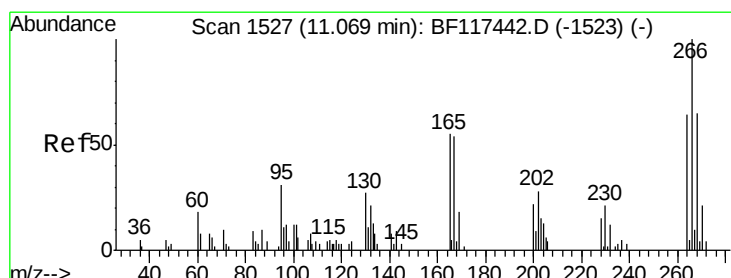
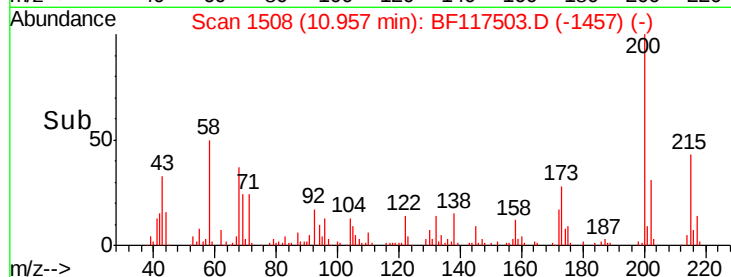
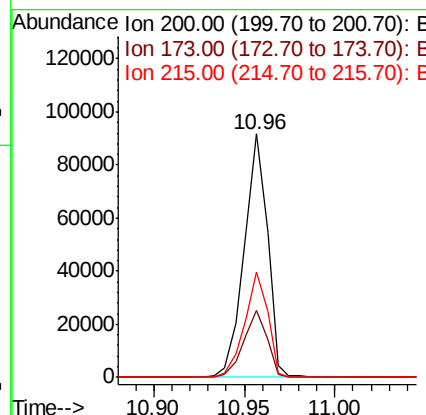
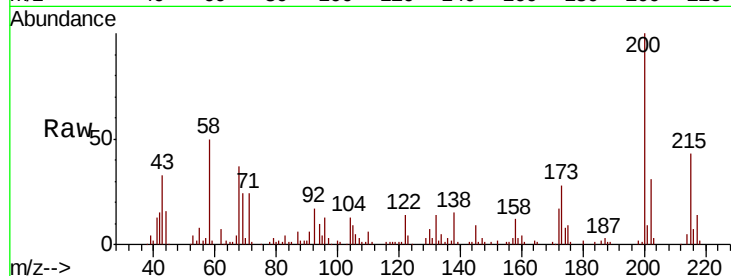
#69
Atrazine
Concen: 57.372 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.2	48.2
215	43.1	26.8	66.8

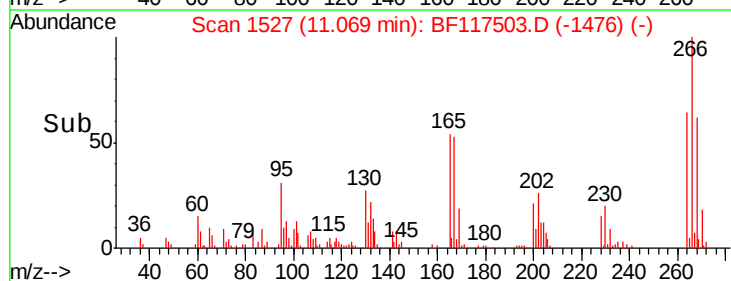
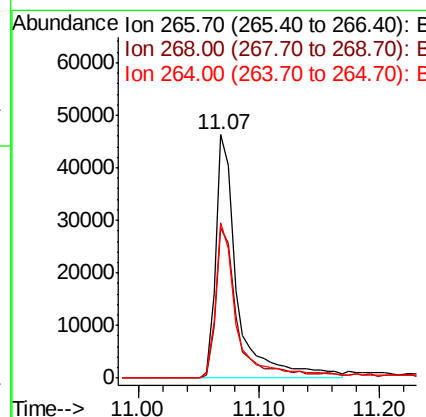
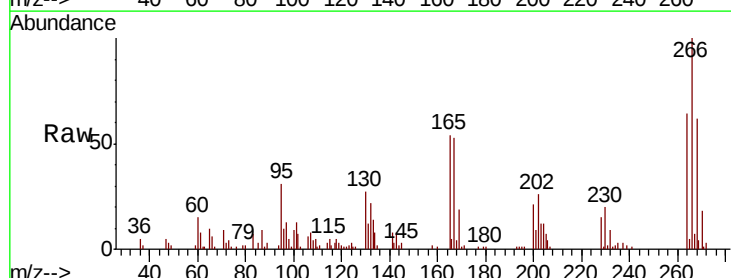
Manual Integrations
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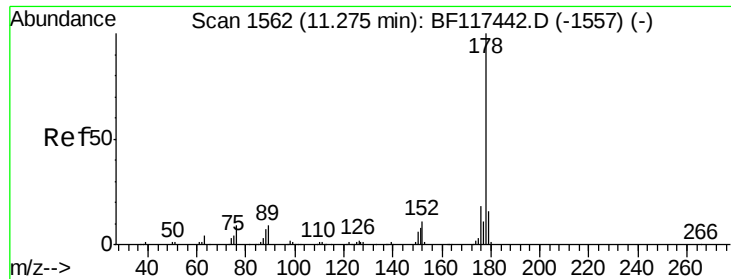
mohammad
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#70
Pentachlorophenol
Concen: 107.321 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.6	77.4
264	63.9	51.4	77.2





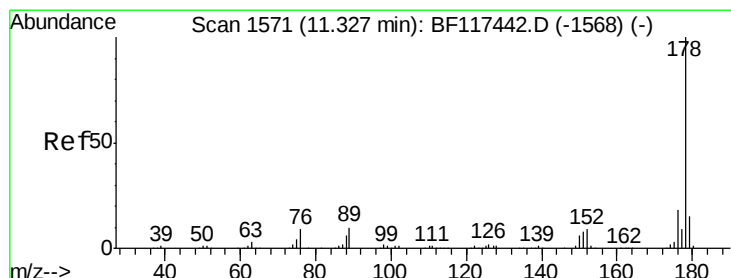
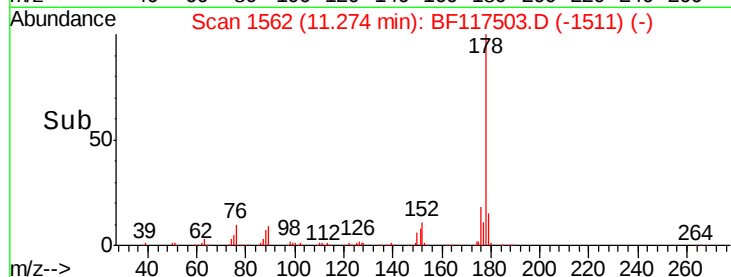
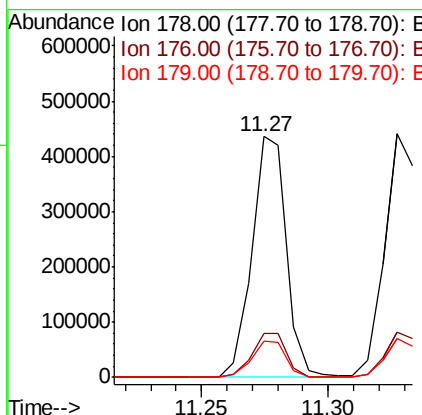
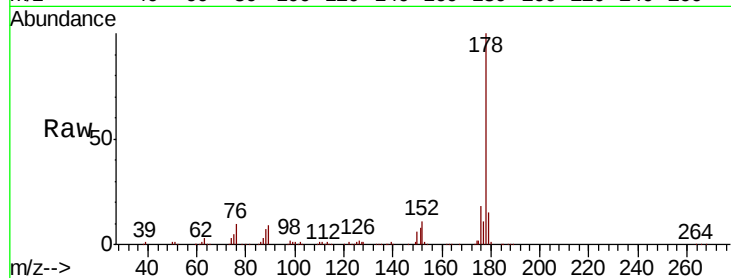
#71
Phenanthrene
Concen: 45.884 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.2	12.6	19.0

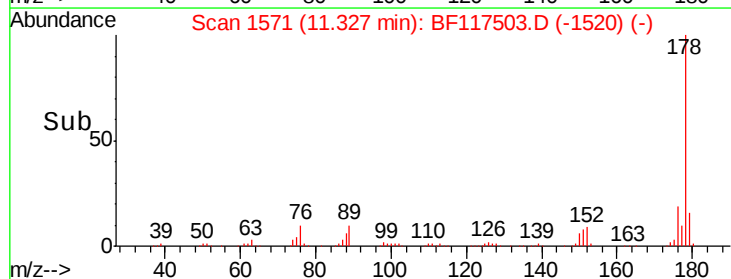
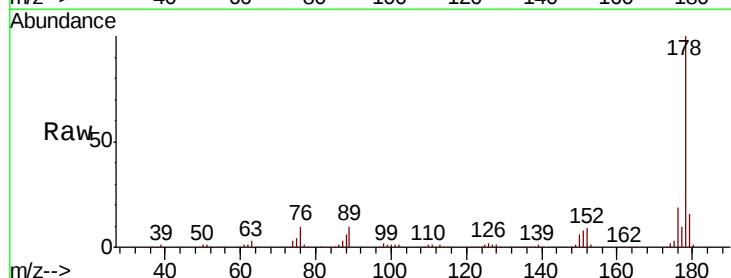
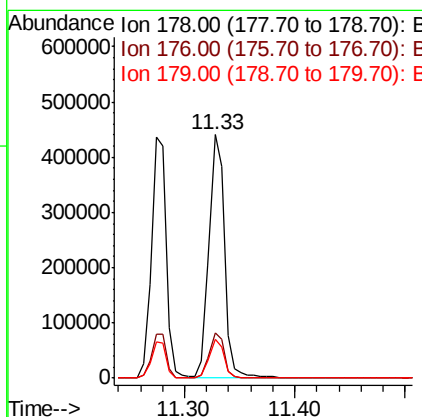
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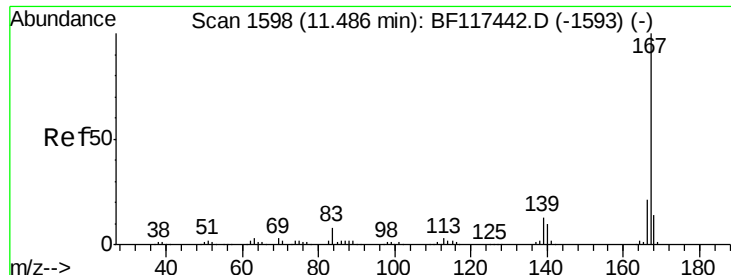
mohammad
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#72
Anthracene
Concen: 45.583 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.8	12.2	18.2





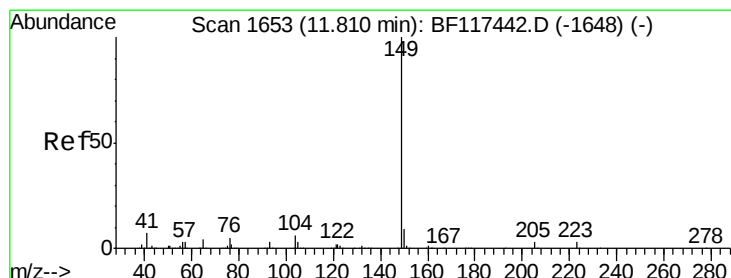
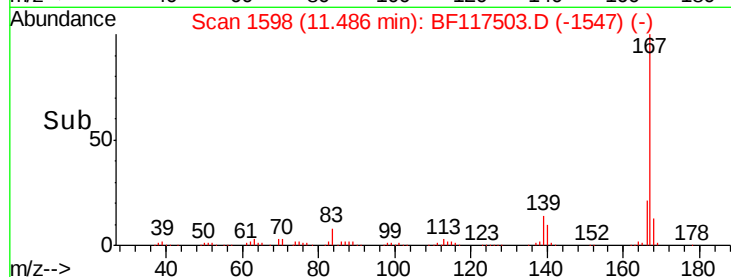
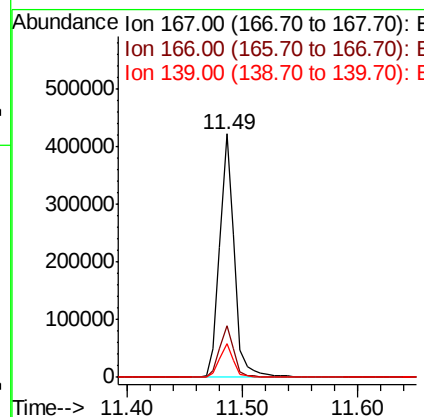
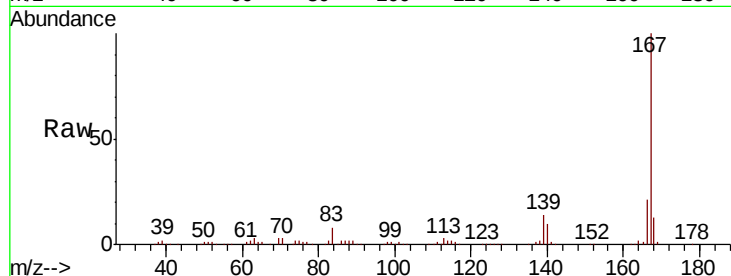
#73
 Carbazole
 Concen: 44.156 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.8	10.6	16.0

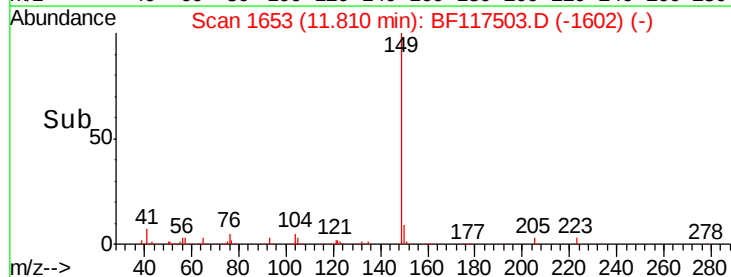
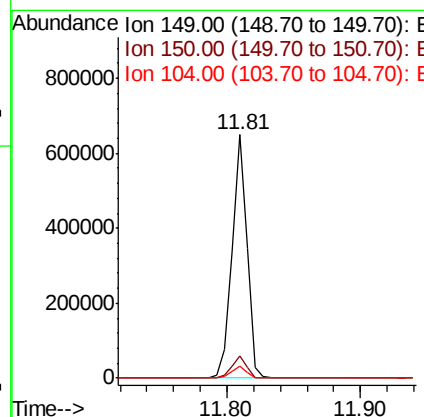
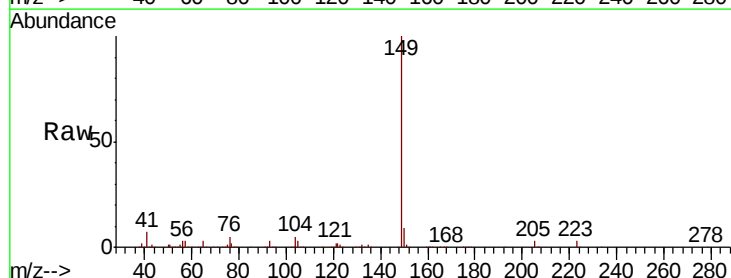
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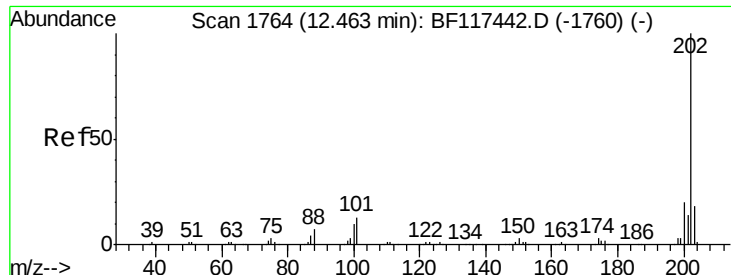
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.770 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.1	4.6	6.8





#75

Fluoranthene

Concen: 40.864 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Instrument :

BNA_F

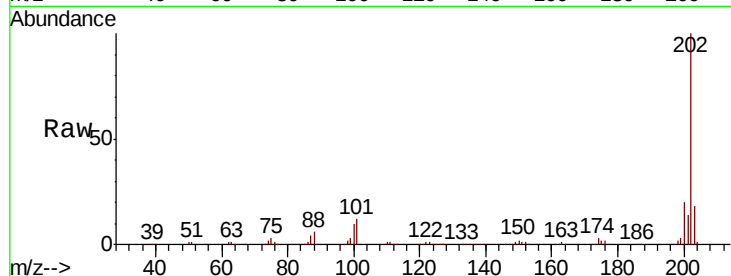
ClientSampleId :

169-32-(0-1)MS

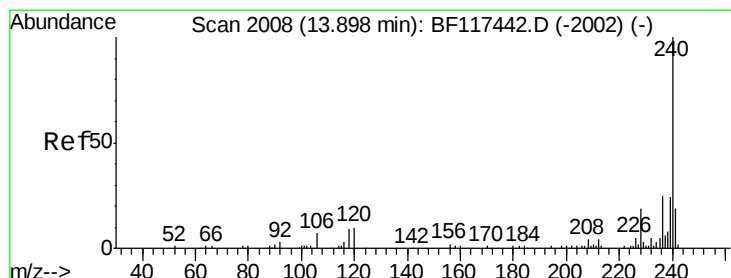
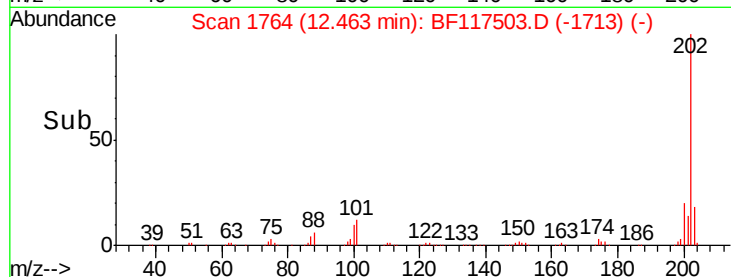
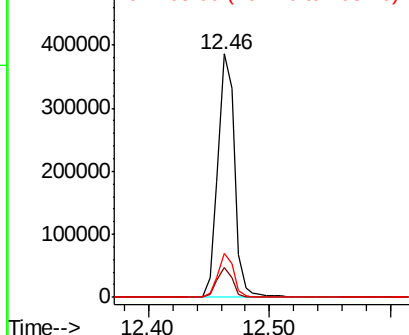
Tot Ion:	202	Resp:	366550
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	32.7
203	17.9	0.0	37.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

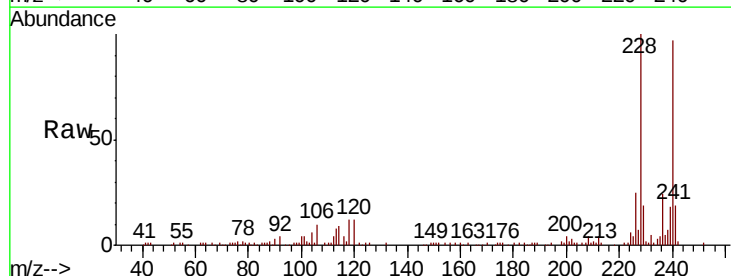
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

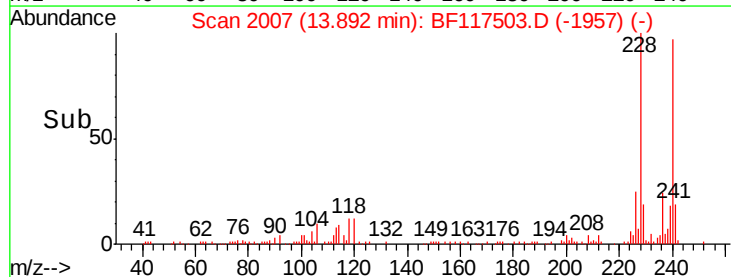
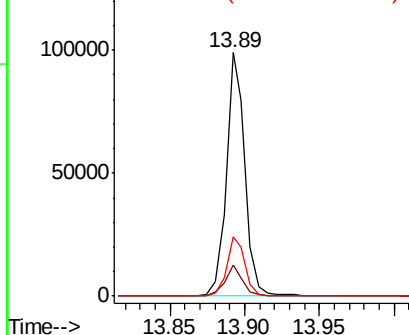
Lab File: BF117503.D

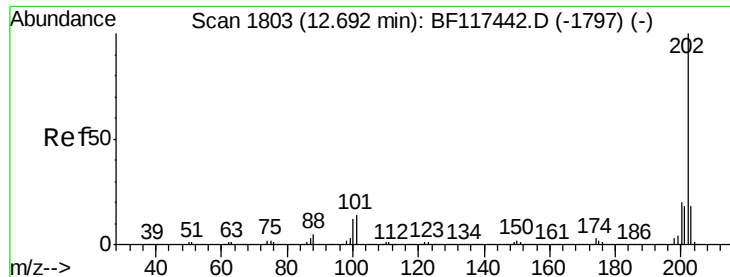
Acq: 24 Oct 2019 00:17

Tgt Ion:	240	Resp:	86797
Ion Ratio	Lower	Upper	
240	100		
120	12.6	8.4	12.6
236	24.4	20.0	30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





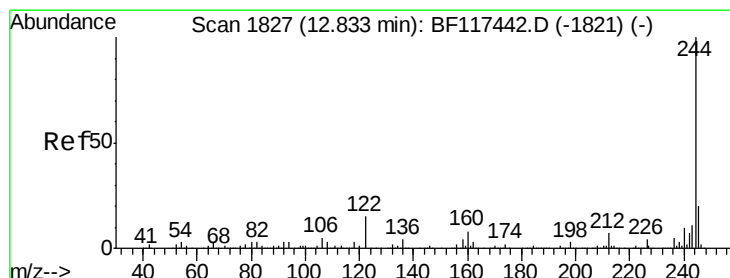
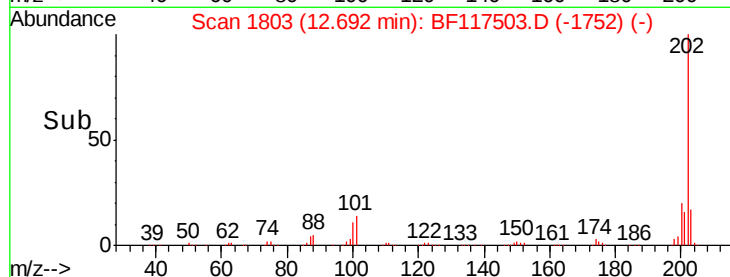
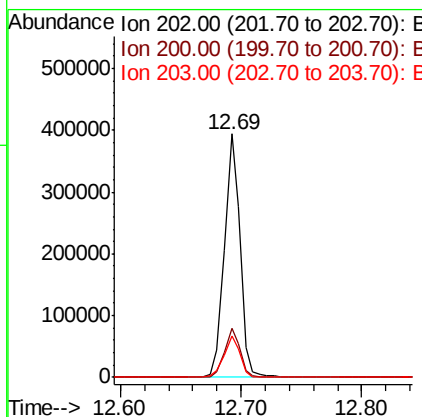
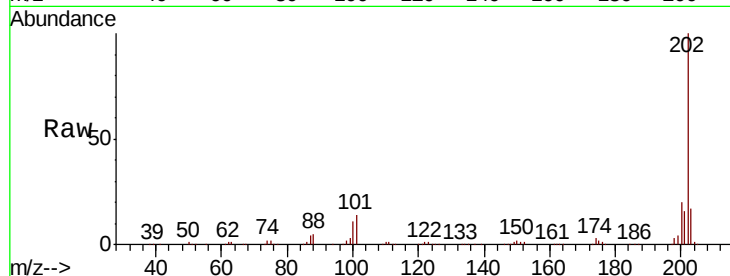
#78
Pvrene
Concen: 47.310 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.2	14.0	21.0

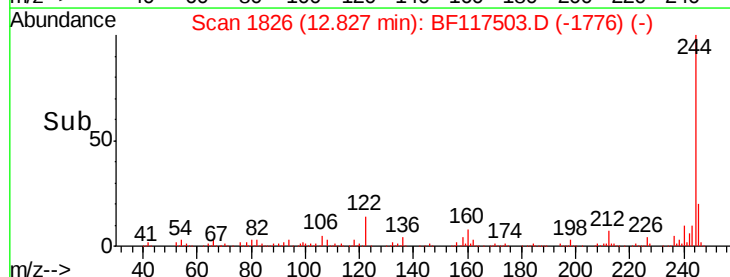
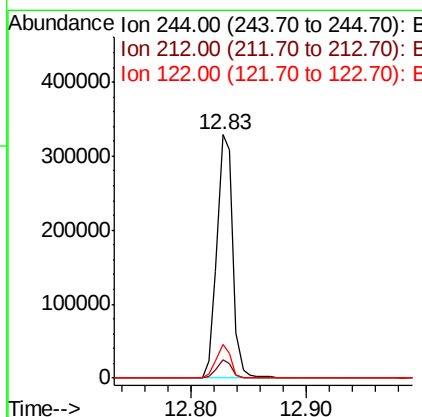
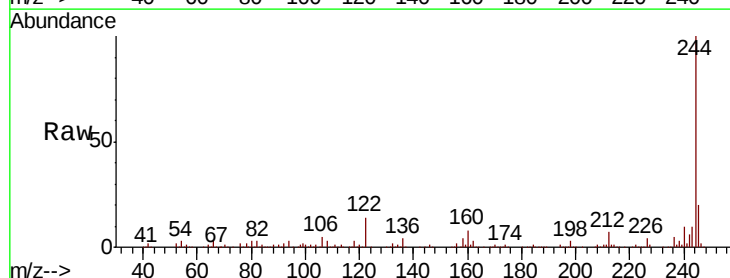
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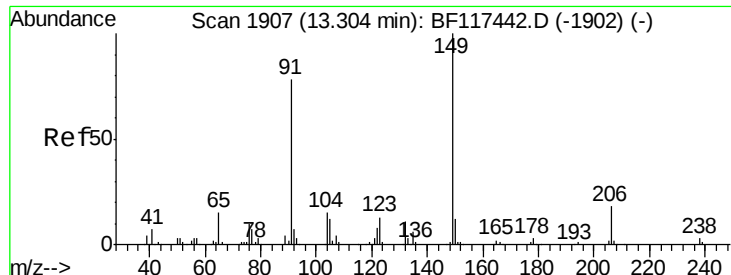
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#79
Terphenyl-d14
Concen: 59.391 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	14.1	11.8	17.8





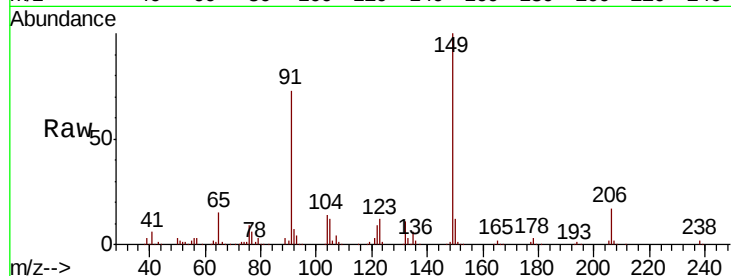
#80
Butylbenzylphthalate
Concen: 47.508 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	176255		
91	73.2	62.1	93.1	
206	17.4	14.3	21.5	

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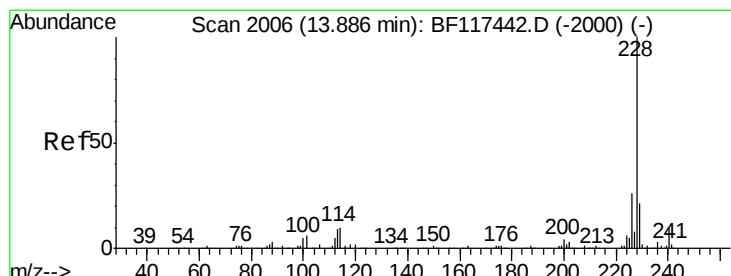
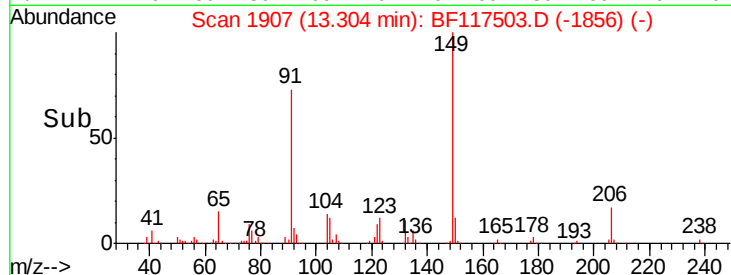
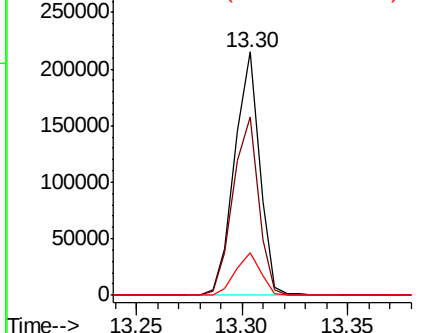


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#81
Benzo(a)anthracene
Concen: 45.580 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

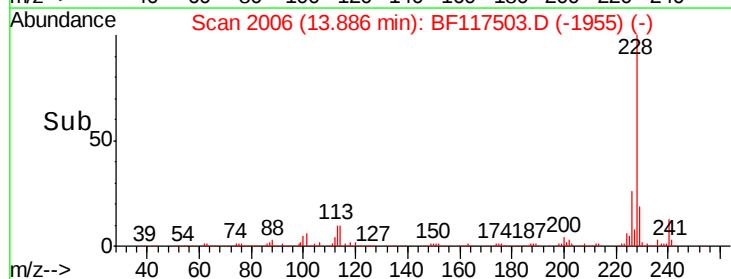
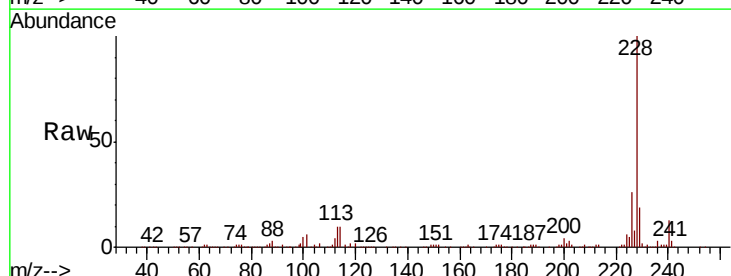
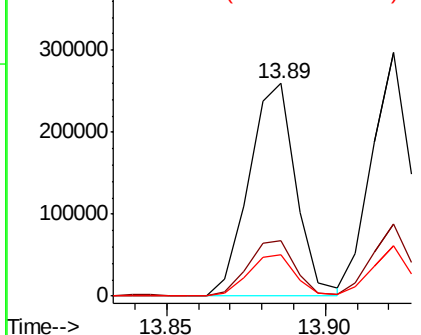
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	266861		
226	26.3	21.0	31.4	
229	19.3	16.4	24.6	

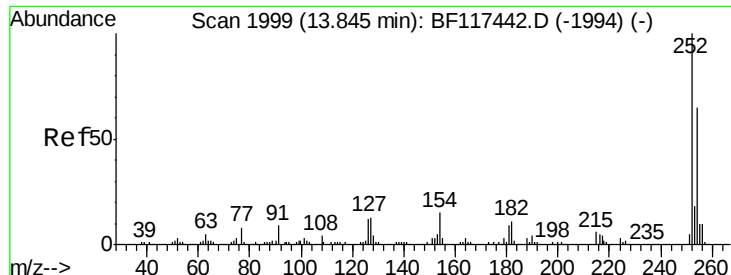
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





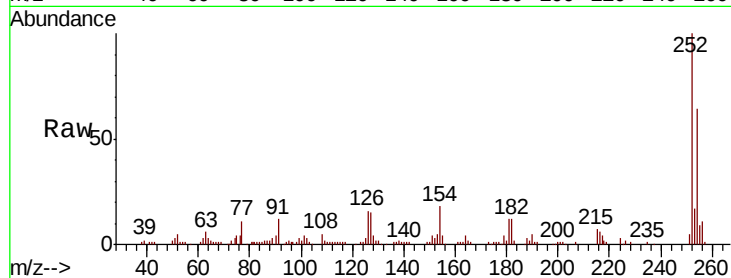
#82
 3,3'-Dichlorobenzidine
 Concen: 47.222 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 169-32-(0-1)MS

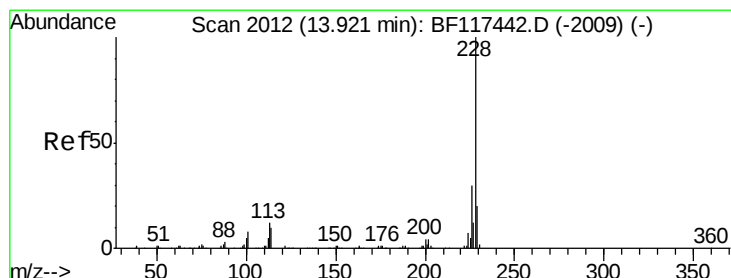
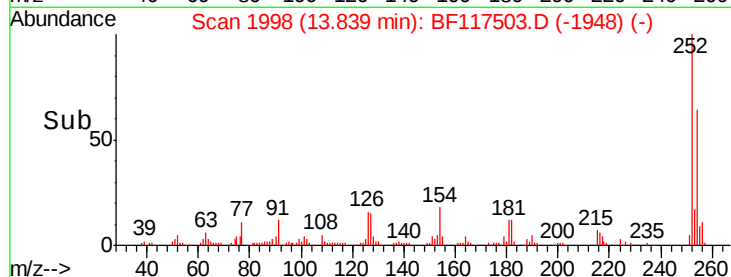
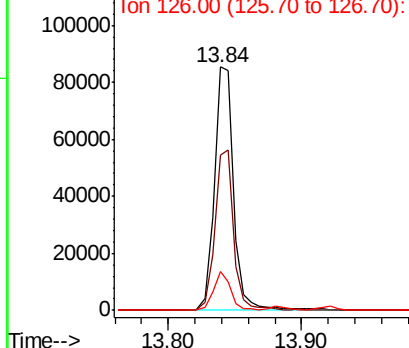
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.2	78.4
126	15.9	9.2	13.8

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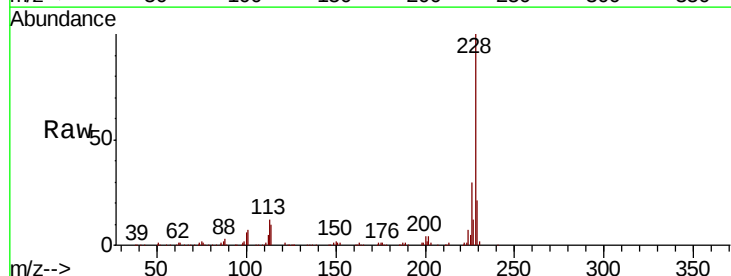


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

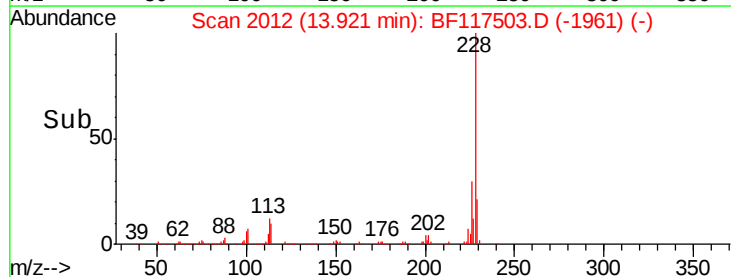
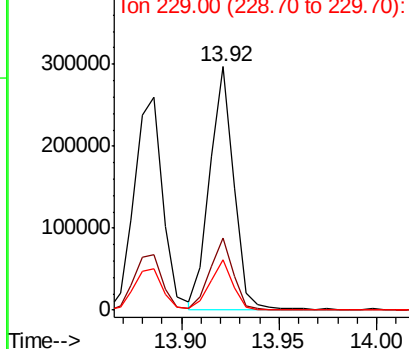


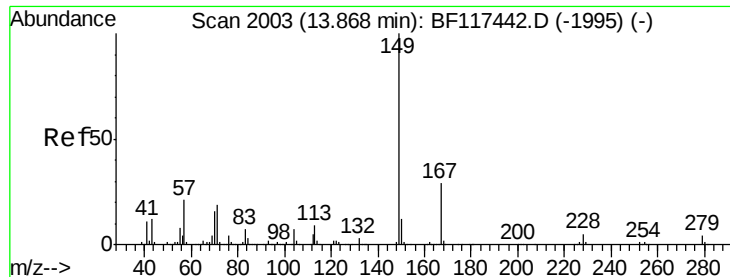
#83
 Chrysene
 Concen: 44.123 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	20.6	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 47.356 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Instrument :

BNA_F

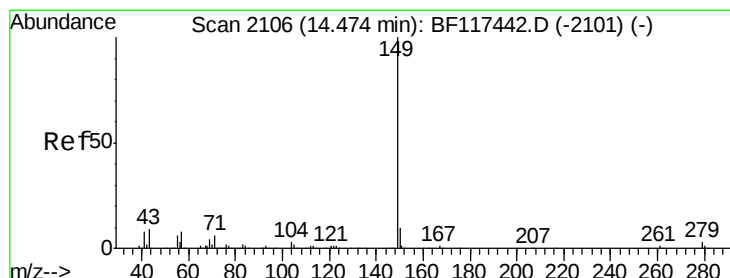
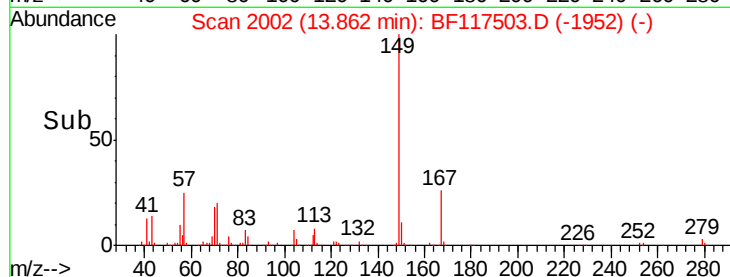
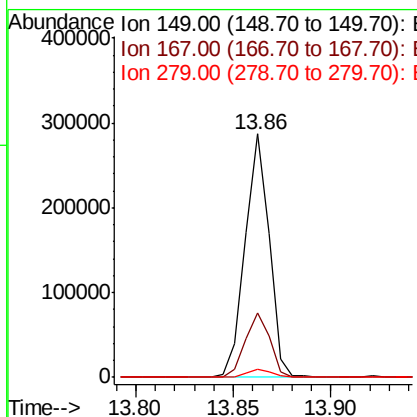
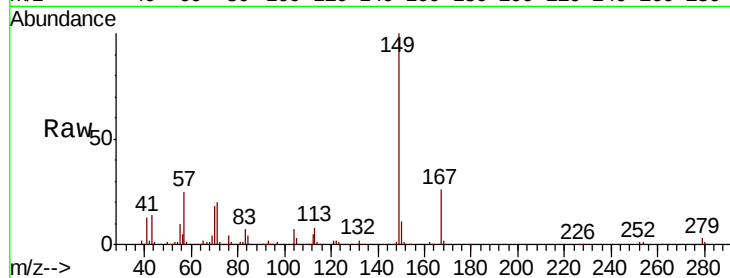
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	149	Resp:	246108
Ion Ratio		Lower	Upper
149	100		
167	26.4	23.3	34.9
279	3.2	3.2	4.8

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#85

Di-n-octyl phthalate

Concen: 47.826 ng

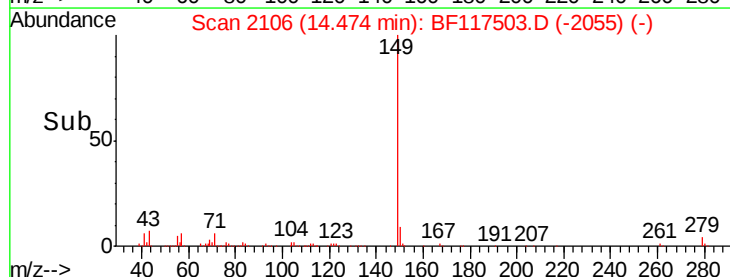
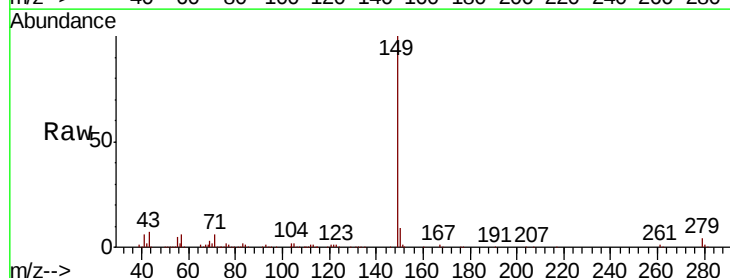
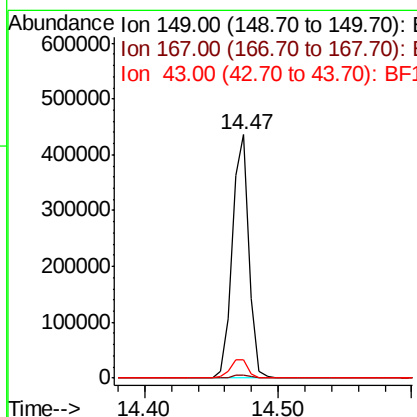
RT: 14.47 min Scan# 2106

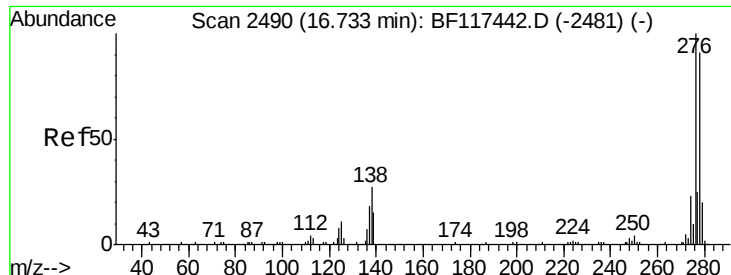
Delta R.T. -0.00 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Tgt Ion:	149	Resp:	382150
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	6.8	10.2





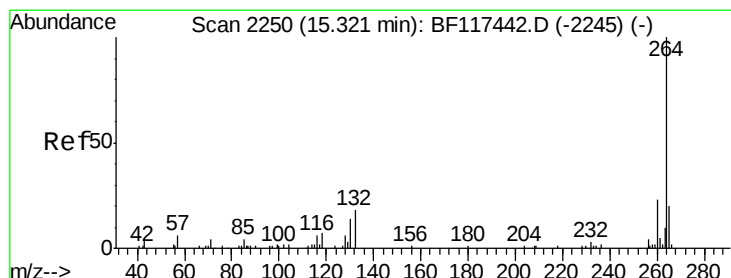
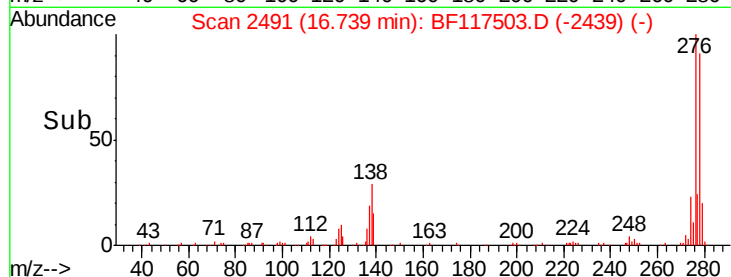
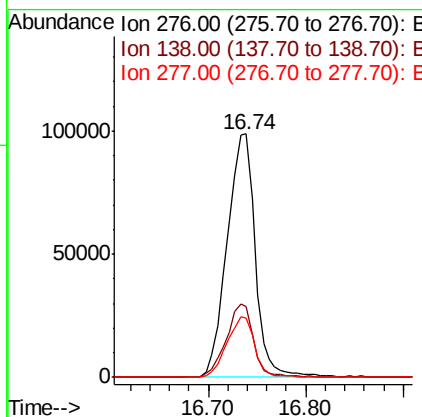
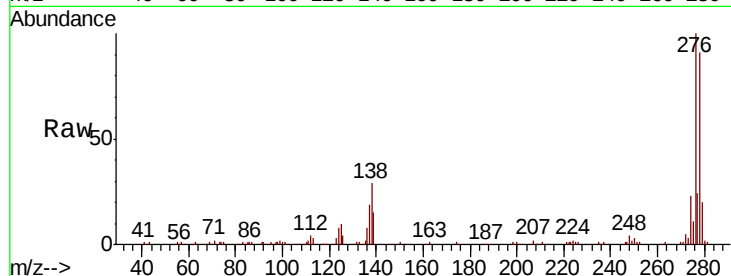
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 46.231 ng
 RT: 16.74 min Scan# 2491
 Delta R.T. 0.01 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	21.8	32.8
277	24.6	20.0	30.0

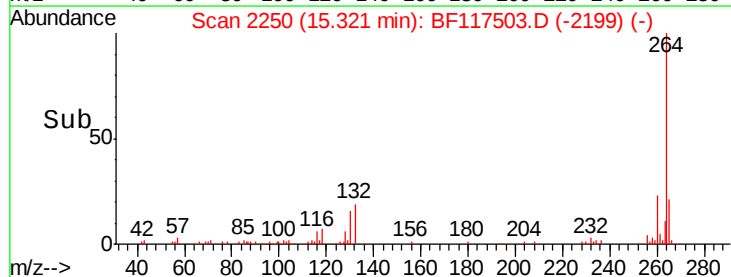
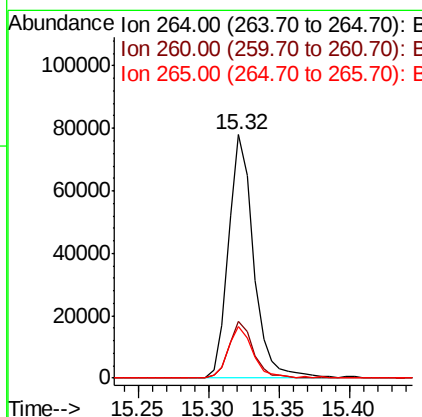
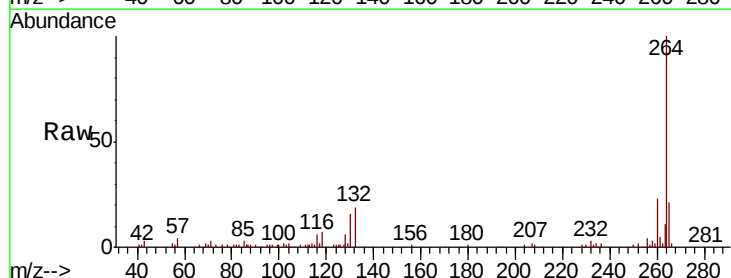
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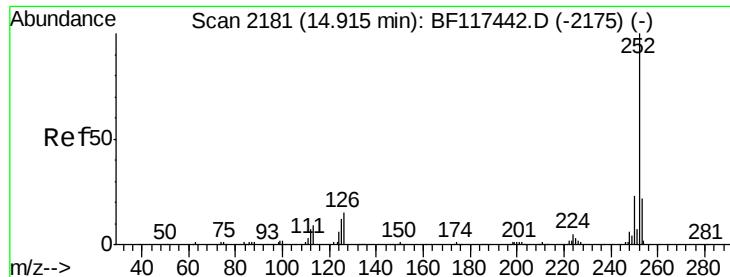
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.2	16.1	24.1





#88

Benzo(b)fluoranthene

Concen: 43.043 ng

RT: 14.92 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Instrument :

BNA_F

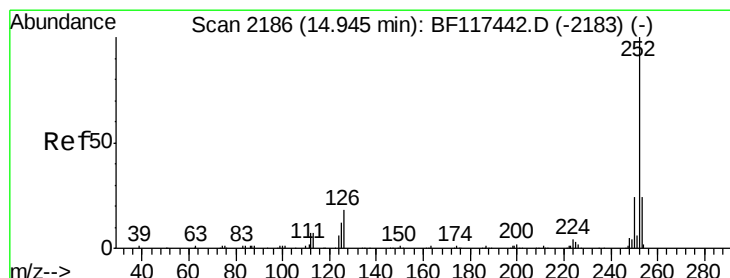
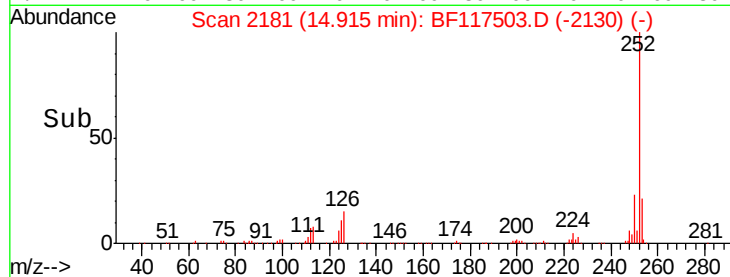
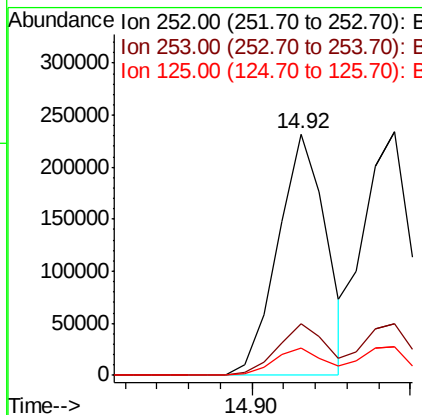
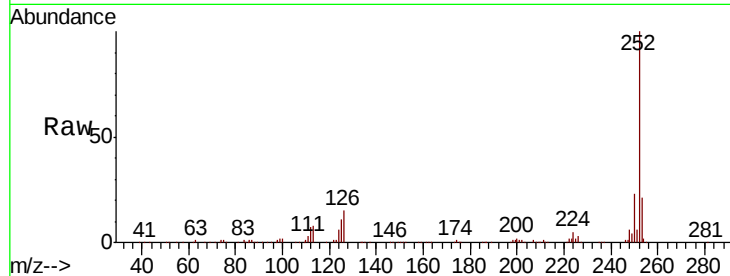
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	252	Resp:	246191
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.8	26.6
125	11.1	9.9	14.9

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#89

Benzo(k)fluoranthene

Concen: 41.622 ng

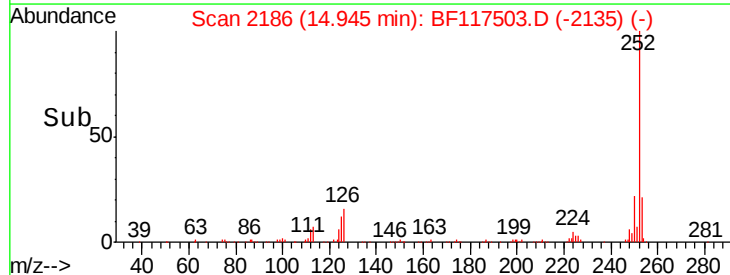
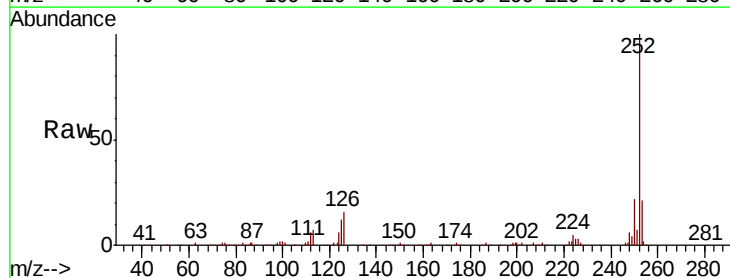
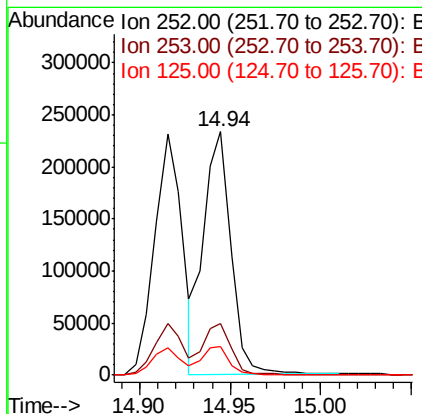
RT: 14.94 min Scan# 2186

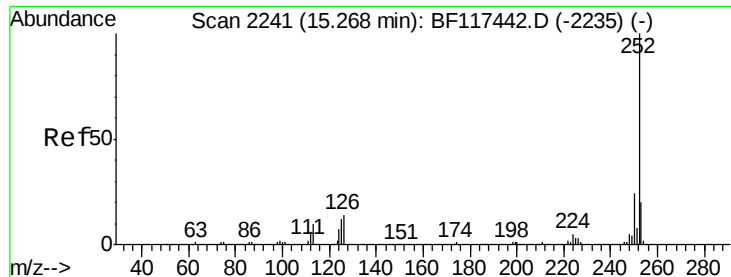
Delta R.T. -0.00 min

Lab File: BF117503.D

Acq: 24 Oct 2019 00:17

Tgt Ion:	252	Resp:	244001
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.0	27.0
125	11.6	8.9	13.3





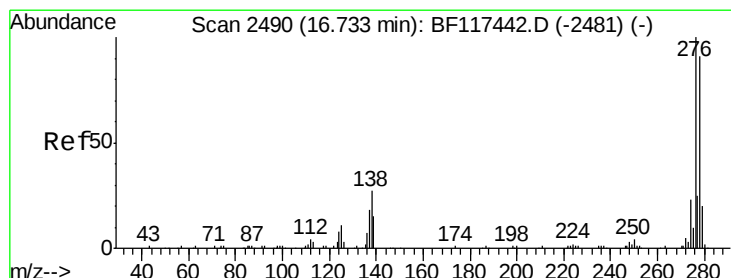
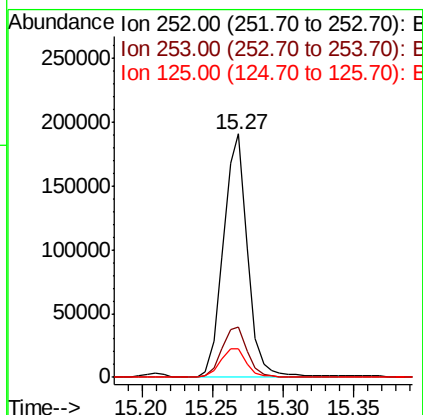
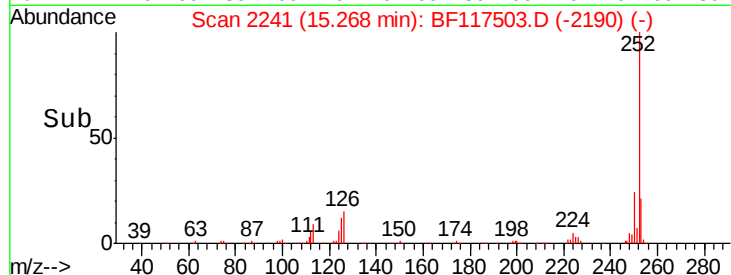
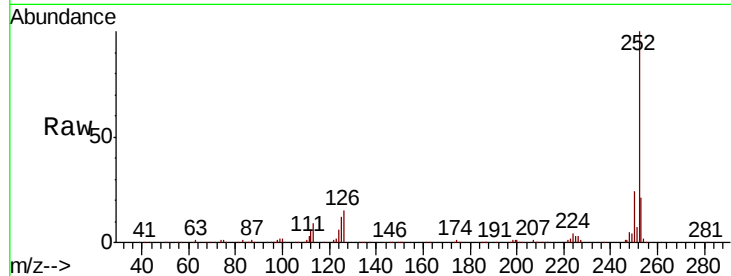
#90
Benzo(a)pyrene
Concen: 43.918 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.3	24.5
125	11.9	9.2	13.8

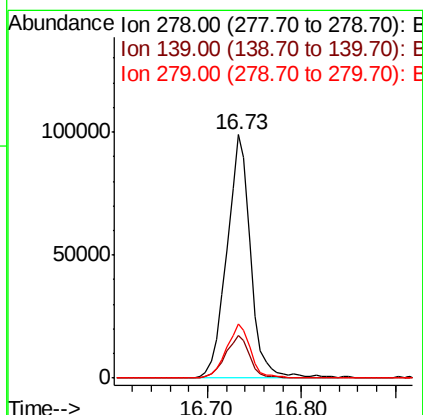
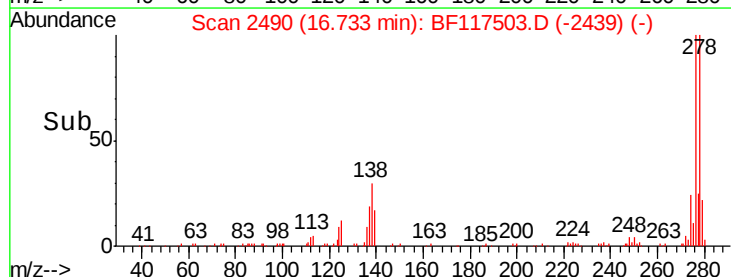
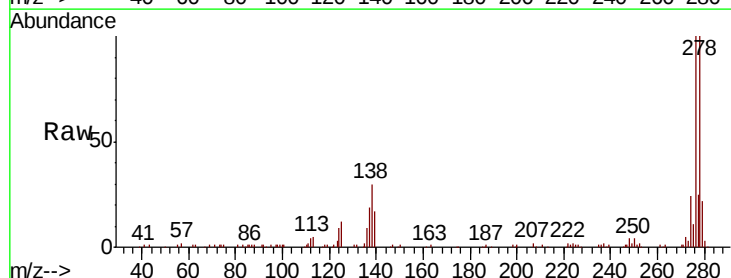
Manual Integrations
APPROVED

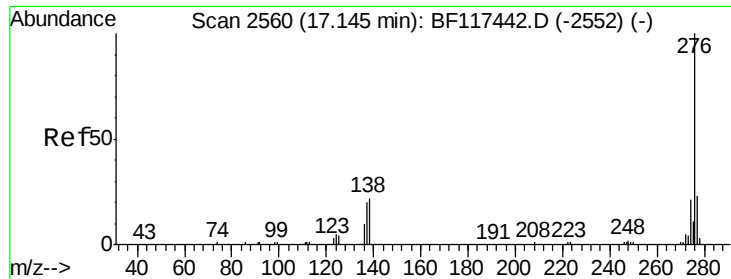
mohammad
10/24/2019 2:11:06 PM



#91
Dibenzo(a,h)anthracene
Concen: 38.597 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BF117503.D
Acq: 24 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.4	20.0
279	22.4	17.8	26.6





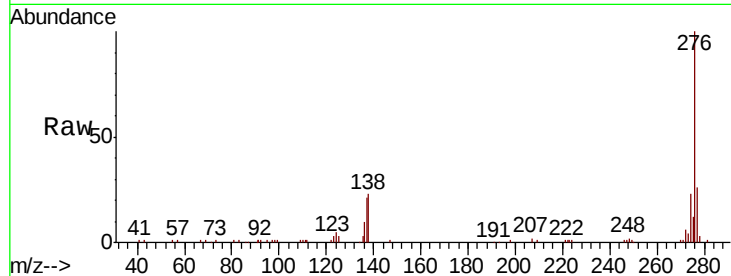
#92
 Benzo(a,h,i)perylene
 Concen: 35.336 ng
 RT: 17.15 min Scan# 2561
 Delta R.T. 0.01 min
 Lab File: BF117503.D
 Acq: 24 Oct 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.4	27.6
138	23.4	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:11:06 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

