

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117421.D
 Acq On : 16 Oct 2019 18:39
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:39 AM

Quant Time: Oct 17 10:56:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	36435	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	155837	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	84329	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	145033	20.00	ng	0.00
76) Chrysene-d12	13.96	240	133075	20.00	ng	0.00
87) Perylene-d12	15.41	264	136572	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	186826	78.90	ng	0.00
7) Phenol-d6	6.43	99	257347	81.91	ng	0.00
23) Nitrobenzene-d5	7.36	82	250359	81.44	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	58334	84.99	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	460173	79.55	ng	0.00
79) Terphenyl-d14	12.90	244	557414	68.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	36913	37.865	ng	98
3) Pyridine	3.20	79	102219m	41.202	ng	
4) n-Nitrosodimethylamine	3.14	42	34958	39.986	ng	86
6) Aniline	6.46	93	159475	40.631	ng	# 86
8) 2-Chlorophenol	6.58	128	105321	40.005	ng	97
9) Benzaldehyde	6.35	77	70426	47.937	ng	95
10) Phenol	6.45	94	135787	40.032	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	102102	39.592	ng	98
12) 1,3-Dichlorobenzene	6.73	146	113644	38.600	ng	95
13) 1,4-Dichlorobenzene	6.80	146	121844	40.598	ng	93
14) 1,2-Dichlorobenzene	6.96	146	114719	40.469	ng	98
15) Benzyl Alcohol	6.94	79	97003	40.354	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	108873	40.206	ng	98
17) 2-Methylphenol	7.06	107	92161	41.932	ng	95
18) Hexachloroethane	7.30	117	46392	39.758	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	81703	40.784	ng	96
20) 3+4-Methylphenols	7.22	107	119487	42.222	ng	# 89
22) Acetophenone	7.20	105	165700	40.521	ng	95
24) Nitrobenzene	7.37	77	122836	39.888	ng	97
25) Isophorone	7.62	82	225678	41.209	ng	97
26) 2-Nitrophenol	7.70	139	56970	41.695	ng	98
27) 2,4-Dimethylphenol	7.73	122	84007	40.454	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	140543	41.397	ng	99
29) 2,4-Dichlorophenol	7.95	162	88416	41.264	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	95827	41.486	ng	99
31) Naphthalene	8.09	128	320381	41.167	ng	100
32) Benzoic acid	7.86	122	24520m	22.044	ng	
33) 4-Chloroaniline	8.15	127	138046	41.767	ng	99
34) Hexachlorobutadiene	8.21	225	52940	40.017	ng	99
35) Caprolactam	8.52	113	30809	45.915	ng	92
36) 4-Chloro-3-methylphenol	8.64	107	103350	42.389	ng	95
37) 2-Methylnaphthalene	8.79	142	219453	41.759	ng	96
38) 1-Methylnaphthalene	8.89	142	211215	42.657	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	91783	40.441	ng	98

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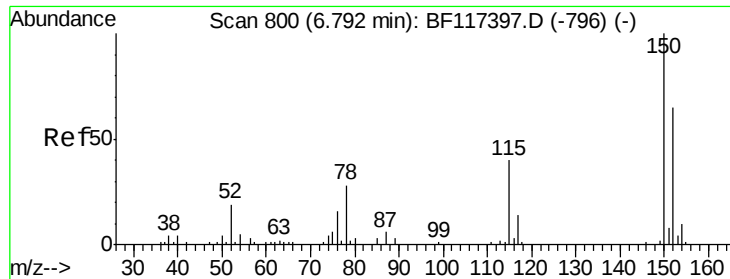
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	24374	57.511	nq	88
43) 2,4,6-Trichlorophenol	9.07	196	55308	38.507	nq	96
44) 2,4,5-Trichlorophenol	9.13	196	59322	40.491	nq	99
46) 1,1'-Biphenyl	9.25	154	281355	40.840	nq	98
47) 2-Chloronaphthalene	9.27	162	214296	39.903	nq	99
48) 2-Nitroaniline	9.38	65	72881	42.534	nq	94
49) Acenaphthylene	9.69	152	322809	41.003	nq	100
50) Dimethylphthalate	9.55	163	255614	42.206	nq	99
51) 2,6-Dinitrotoluene	9.62	165	53553	42.069	nq	92
52) Acenaphthene	9.86	154	193592	40.467	nq	98
53) 3-Nitroaniline	9.79	138	67369	43.338	nq	90
54) 2,4-Dinitrophenol	9.93	184	11324	24.270	nq	95
55) Dibenzofuran	10.03	168	289628	41.503	nq	97
56) 4-Nitrophenol	9.97	139	31684	47.454	nq	93
57) 2,4-Dinitrotoluene	10.03	165	75232	44.789	nq	96
58) Fluorene	10.37	166	245166	42.193	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	46296	40.876	nq	97
60) Diethylphthalate	10.25	149	262894	43.064	nq	98
61) 4-Chlorophenyl-phenylether	10.36	204	108056	42.003	nq	91
62) 4-Nitroaniline	10.41	138	69628	47.120	nq	95
63) Azobenzene	10.52	77	262891	41.969	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	26220	35.387	nq	94
66) n-Nitrosodiphenylamine	10.49	169	210742	38.897	nq	98
67) 4-Bromophenyl-phenylether	10.85	248	61945	38.940	nq	# 91
68) Hexachlorobenzene	10.93	284	66821	39.113	nq	# 90
69) Atrazine	11.01	200	44973	51.190	nq	98
70) Pentachlorophenol	11.14	266	22916	44.837	nq	93
71) Phenanthrene	11.34	178	355306	41.442	nq	99
72) Anthracene	11.39	178	366499	41.410	nq	99
73) Carbazole	11.55	167	355238	44.186	nq	99
74) Di-n-butylphthalate	11.87	149	469806	43.155	nq	99
75) Fluoranthene	12.53	202	385912	45.268	nq	98
77) Benzidine	12.65	184	136639	41.516	nq	97
78) Pyrene	12.76	202	400026	34.007	nq	100
80) Butylbenzylphthalate	13.37	149	216272	36.563	nq	95
81) Benzo(a)anthracene	13.95	228	363061	39.762	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	121703	42.157	nq	99
83) Chrysene	13.99	228	356678	39.611	nq	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	318437	38.182	nq	# 96
85) Di-n-octyl phthalate	14.53	149	552567	43.519	nq	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	312221	49.589	nq	98
88) Benzo(b)fluoranthene	15.00	252	338782	39.846	nq	99
89) Benzo(k)fluoranthene	15.03	252	324035	38.350	nq	98
90) Benzo(a)pyrene	15.36	252	302604	40.192	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	269794	41.819	nq	98
92) Benzo(g,h,i)perylene	17.30	276	239752	39.041	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

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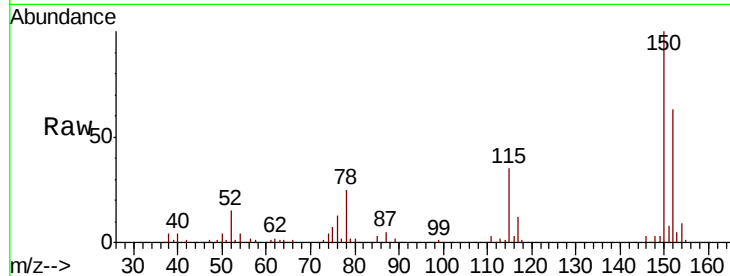
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	122.7	184.1
115	56.1	48.6	73.0

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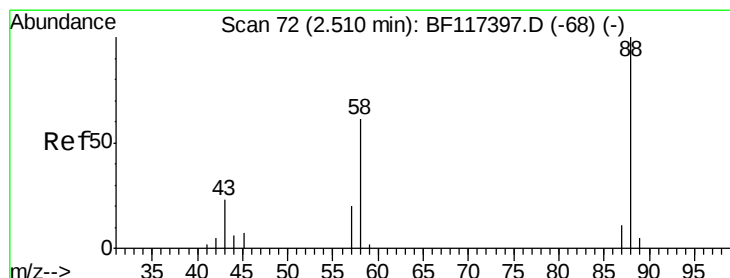
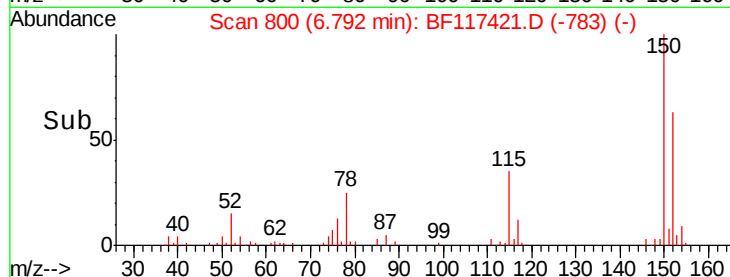
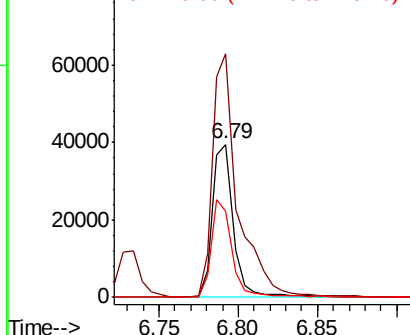


Abundance

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: 37.865 ng

RT: 2.45 min Scan# 61

Delta R.T. -0.06 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

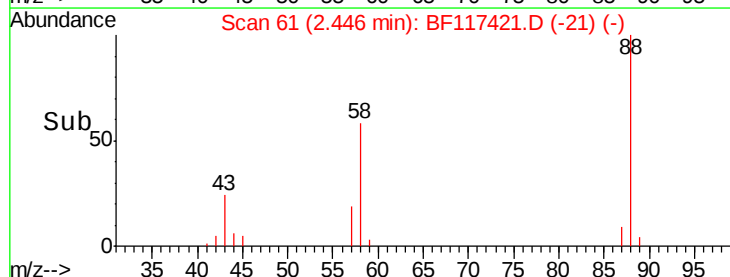
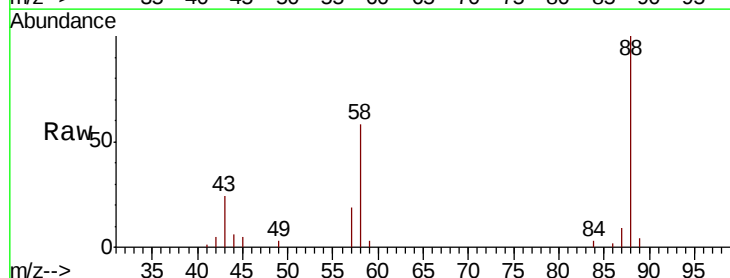
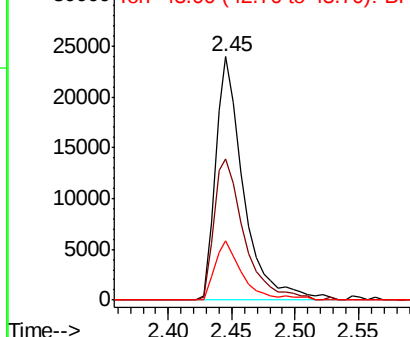
Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.5	49.4	74.2
43	24.2	18.1	27.1

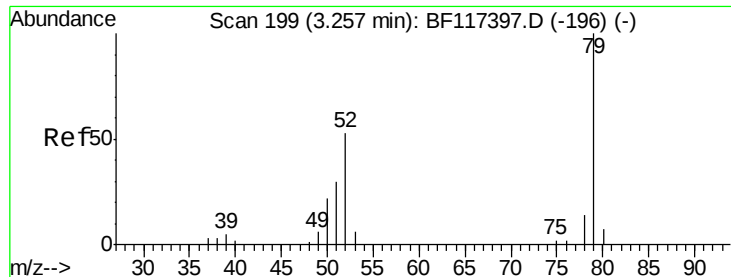
Abundance

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: 41.202 ng/ml

RT: 3.20 min Scan# 189

Delta R.T. -0.06 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

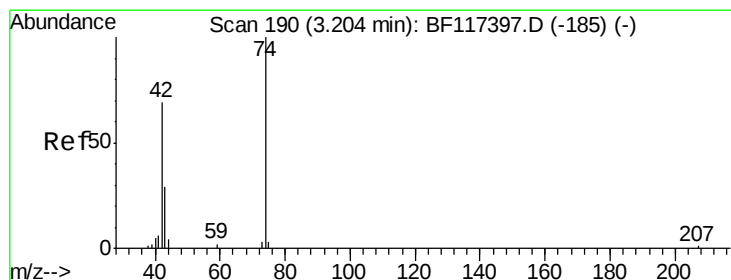
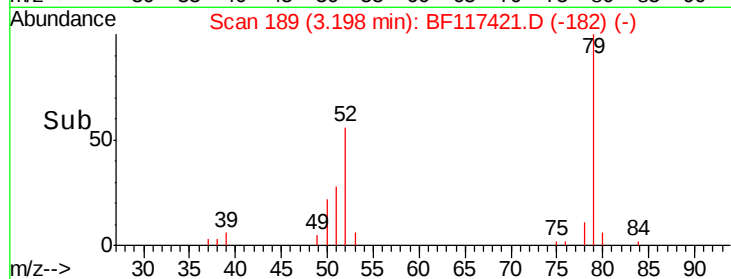
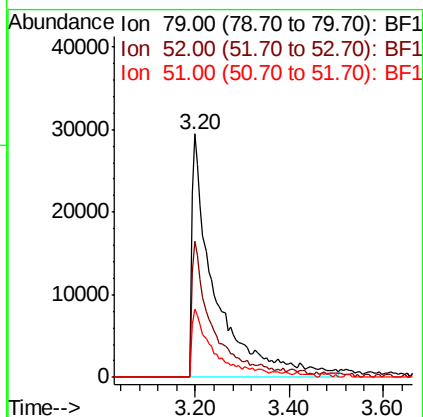
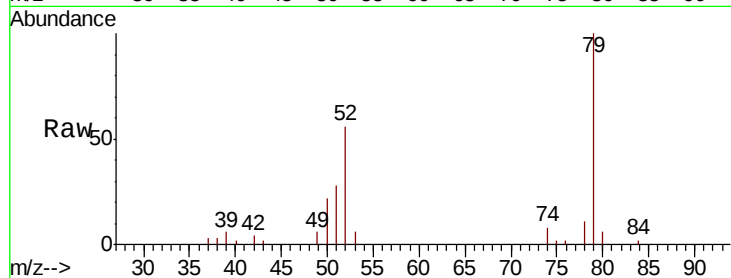
ClientSampleID :

SSTDCCC040EC

Tot Ion:	79	Resp:	102219
Ion	Ratio	Lower	Upper
79	100		
52	55.7	42.7	64.1
51	28.1	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 39.986 ng/ml

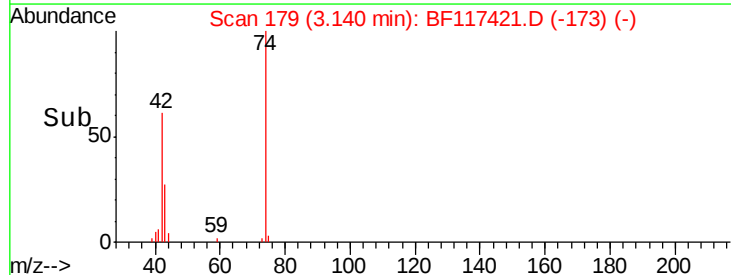
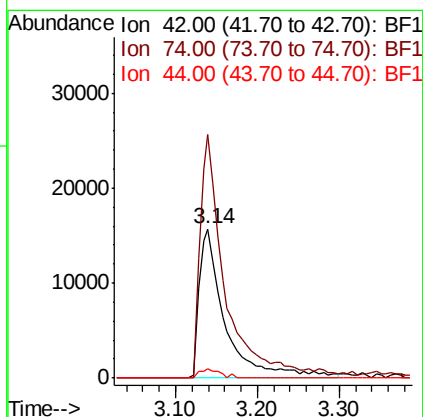
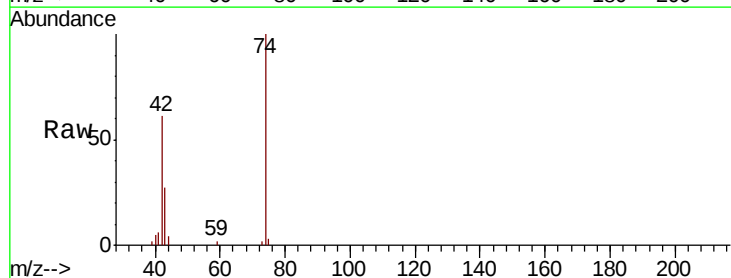
RT: 3.14 min Scan# 179

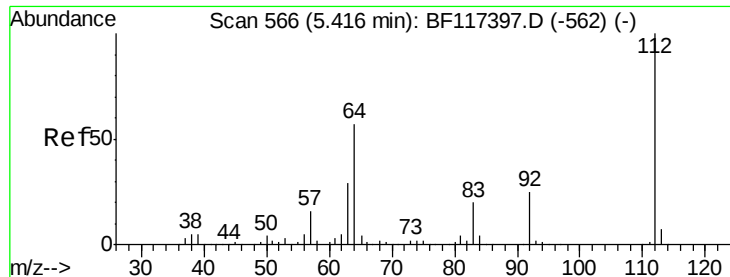
Delta R.T. -0.06 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Tgt Ion:	42	Resp:	34958
Ion	Ratio	Lower	Upper
42	100		
74	163.1	116.2	174.4
44	5.9	4.2	6.4





#5

2-Fluorophenol

Concen: 78.896 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

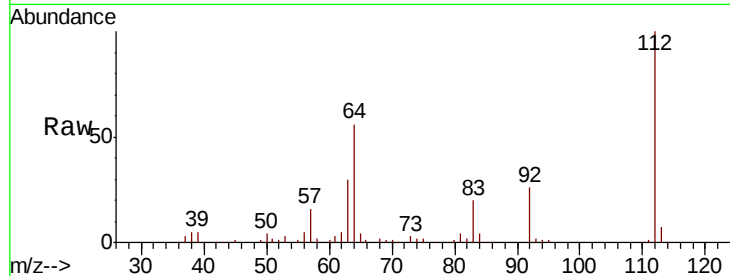
ClientSampleId :

SSTDCCC040EC

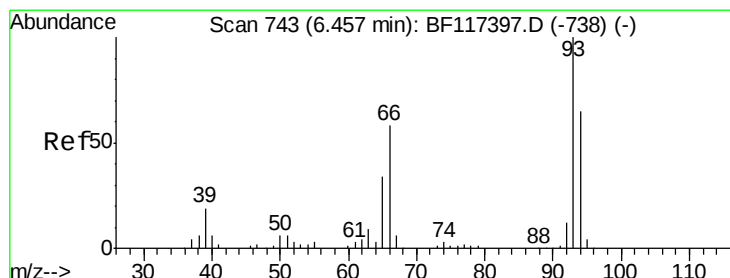
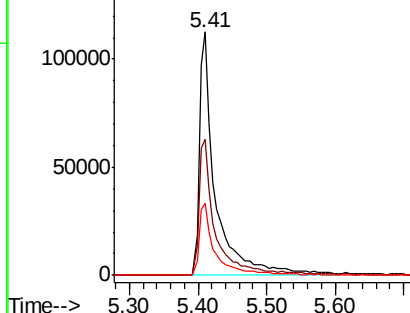
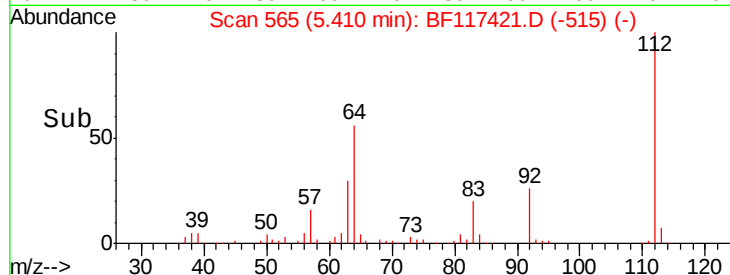
Tot Ion:	112	Resp:	186826
Ion Ratio	Lower	Upper	
112	100		
64	56.1	45.2	67.8
63	29.7	23.4	35.2

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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: 40.631 ng

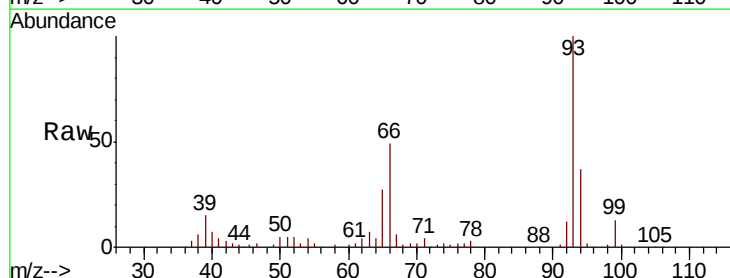
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

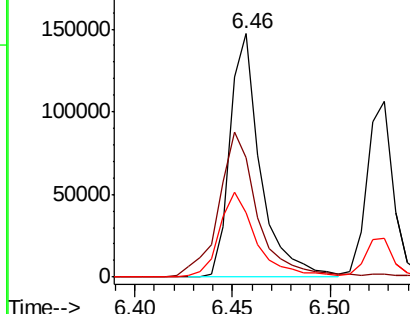
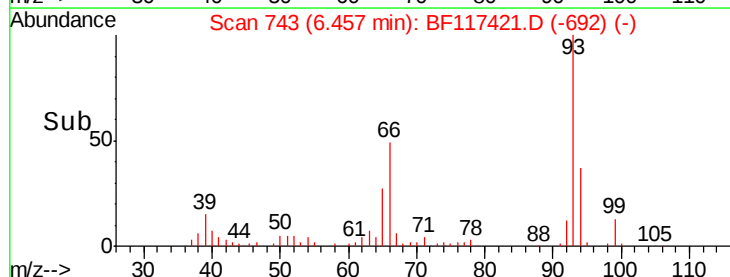
Lab File: BF117421.D

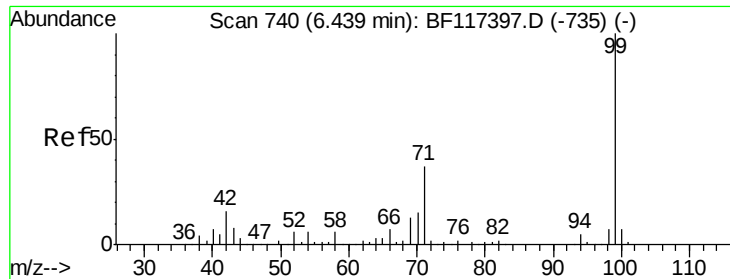
Acq: 16 Oct 2019 18:39

Tgt Ion:	93	Resp:	159475
Ion Ratio	Lower	Upper	
93	100		
66	49.3	48.4	72.6
65	26.6	27.8	41.6#



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: 81.908 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

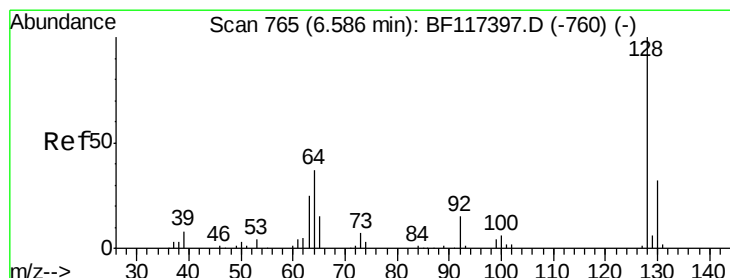
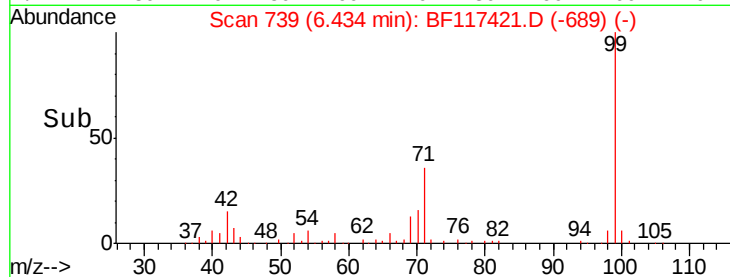
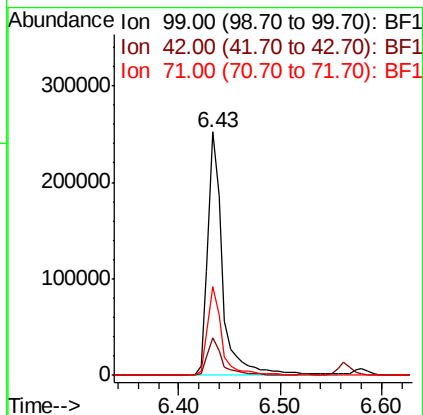
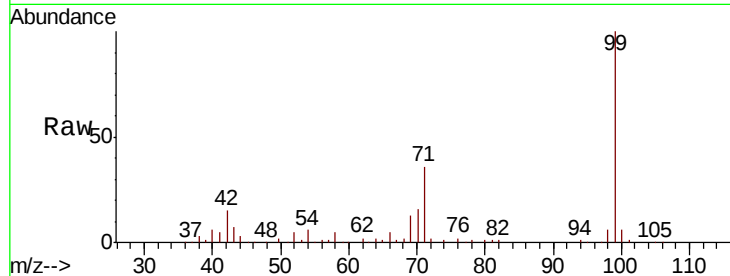
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		257347		
42	15.3	12.5	18.7		
71	36.2	29.2	43.8		

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#8

2-Chlorophenol

Concen: 40.005 ng

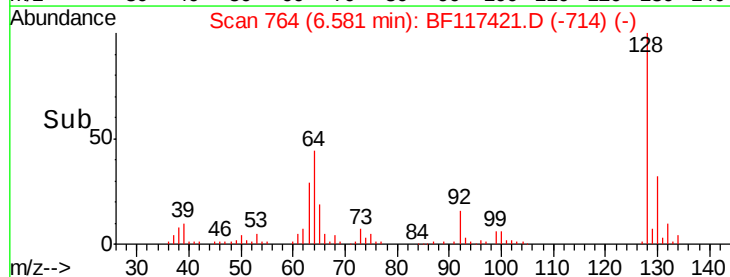
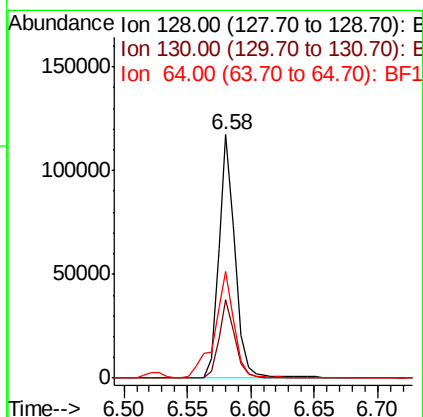
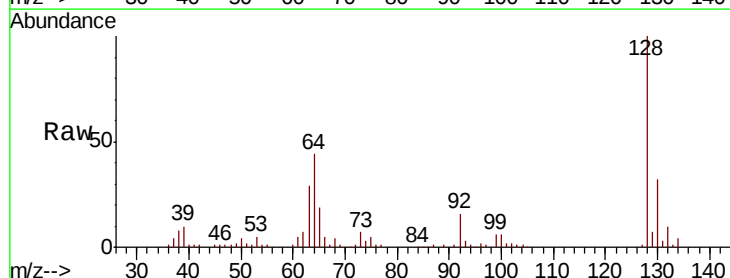
RT: 6.58 min Scan# 764

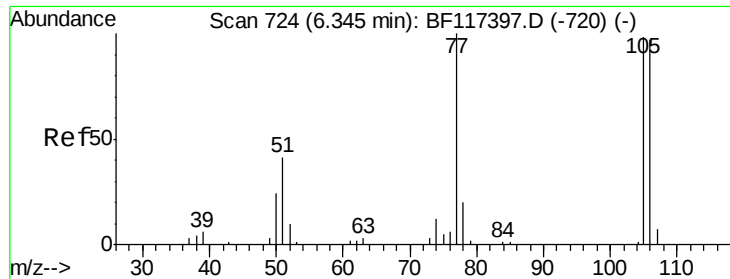
Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		105321		
130	32.3	11.7	51.7		
64	43.7	20.4	60.4		





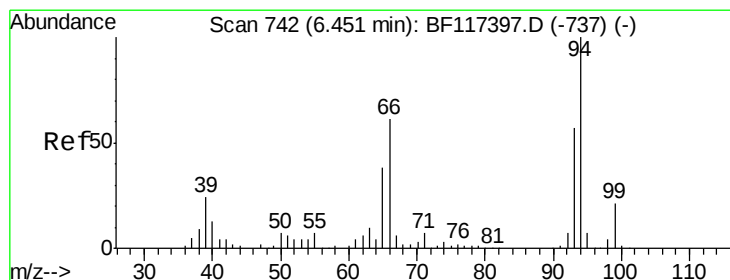
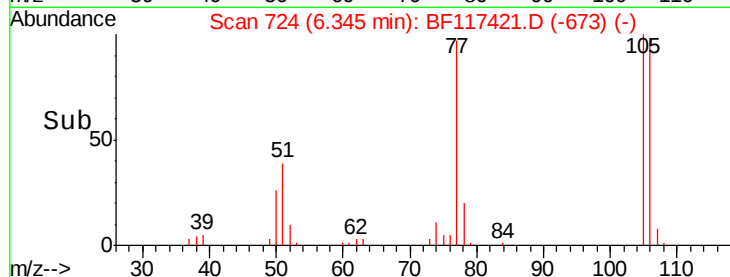
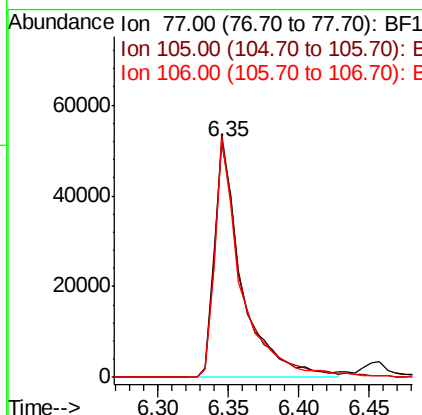
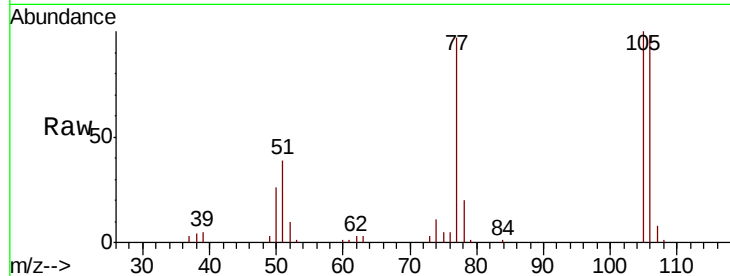
#9
Benzaldehyde
Concen: 47.937 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.6	77.9	117.9
106	101.6	77.2	117.2

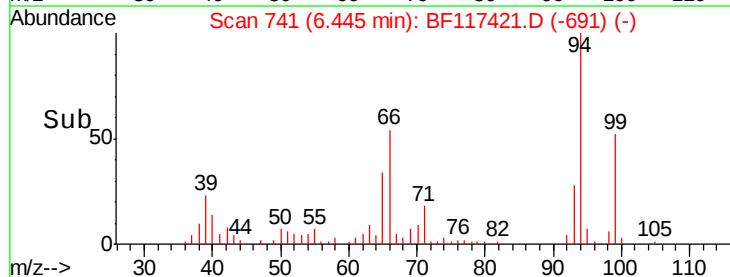
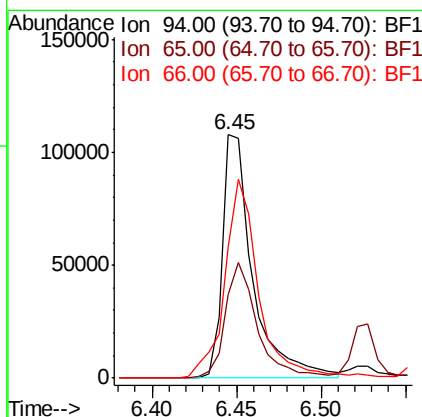
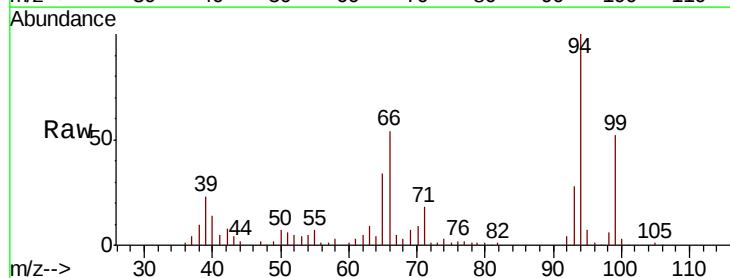
Manual Integrations
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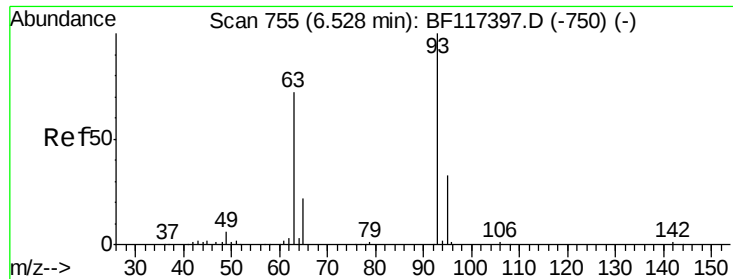
mohammad
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#10
Phenol
Concen: 40.032 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.2	18.2	58.2
66	53.7	41.1	81.1





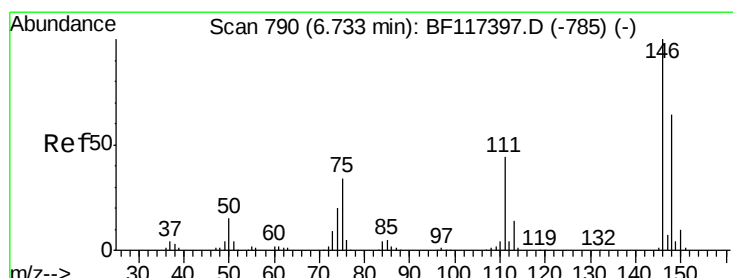
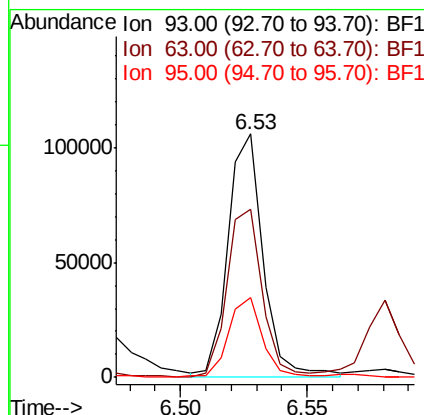
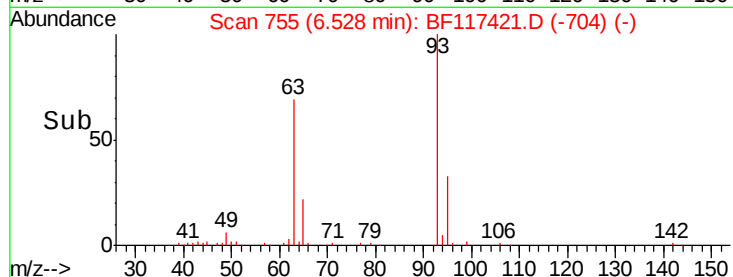
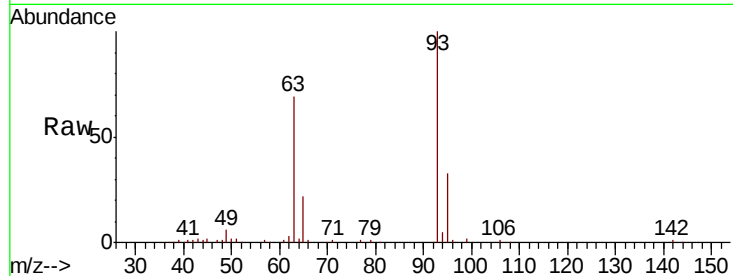
#11
bis(2-Chloroethyl)ether
Concen: 39.592 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	93	Resp	102102
Ion Ratio	Lower	Upper	
93	100		
63	68.9	50.9	90.9
95	32.6	12.4	52.4

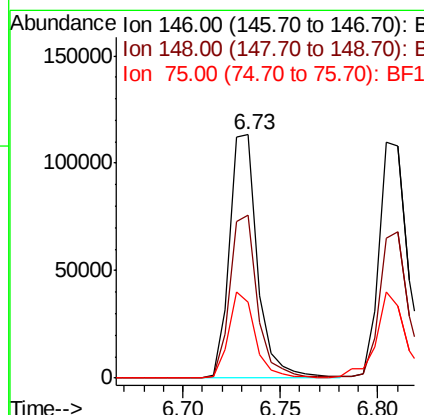
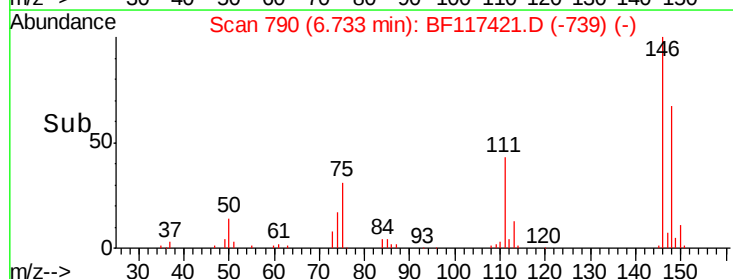
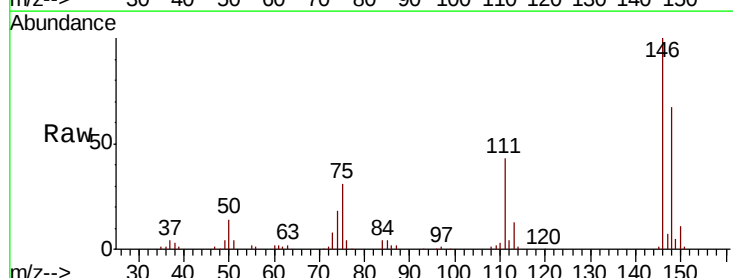
Manual Integrations
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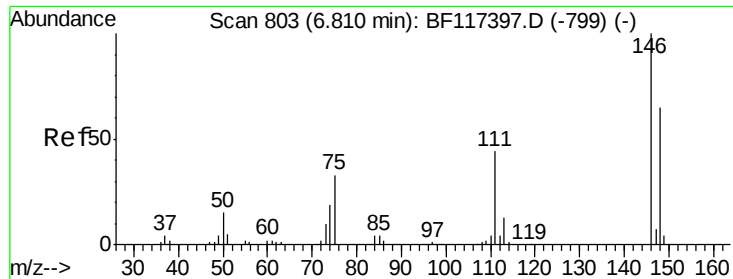
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.600 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	146	Resp	113644
Ion Ratio	Lower	Upper	
146	100		
148	67.0	51.0	76.6
75	31.0	27.4	41.2





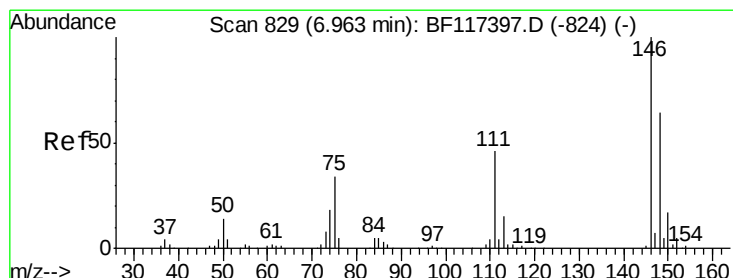
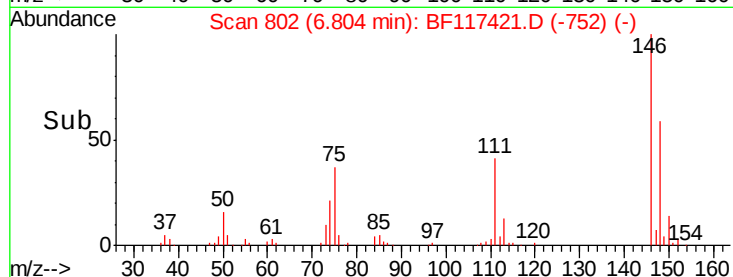
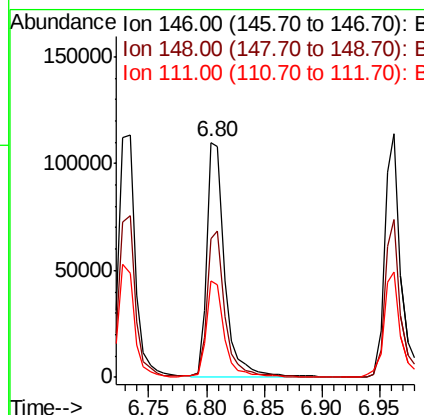
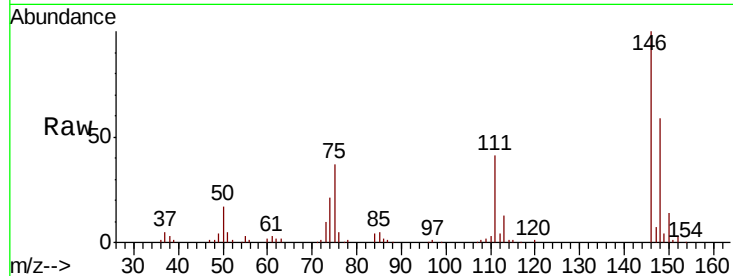
#13
1,4-Dichlorobenzene
Concen: 40.598 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.3	52.2	78.2
111	40.9	35.7	53.5

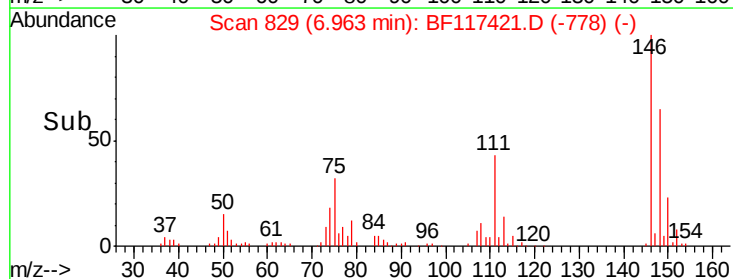
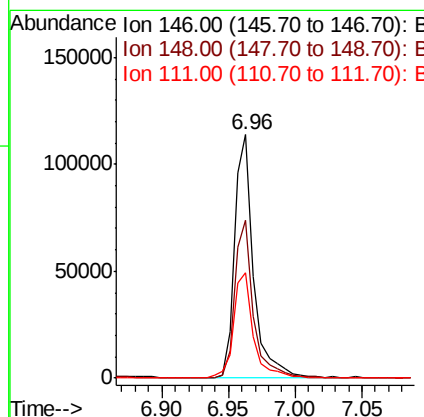
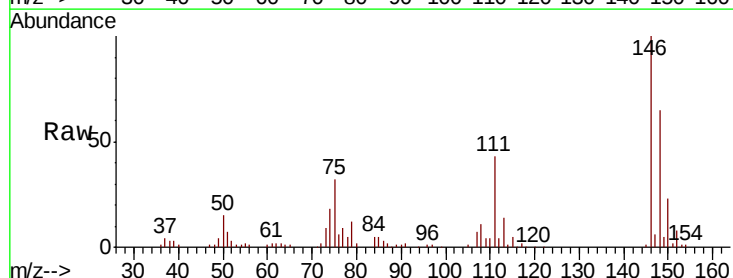
Manual Integrations
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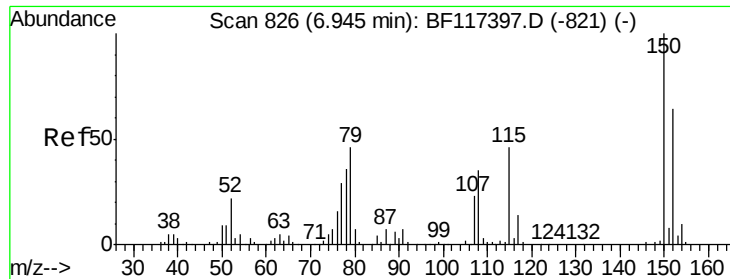
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#14
1,2-Dichlorobenzene
Concen: 40.469 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
111	43.3	36.5	54.7





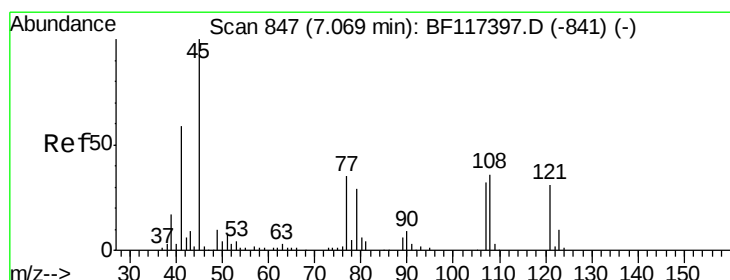
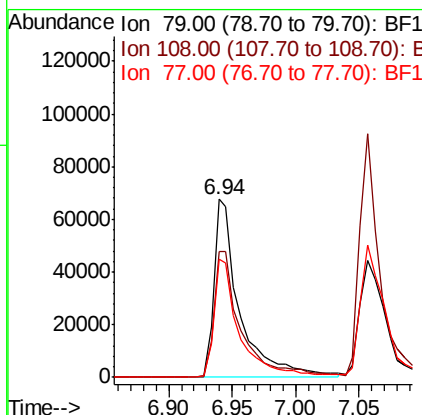
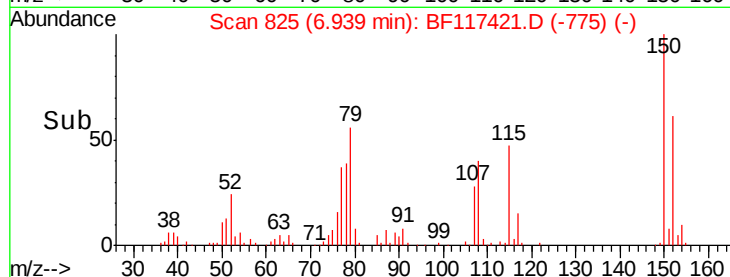
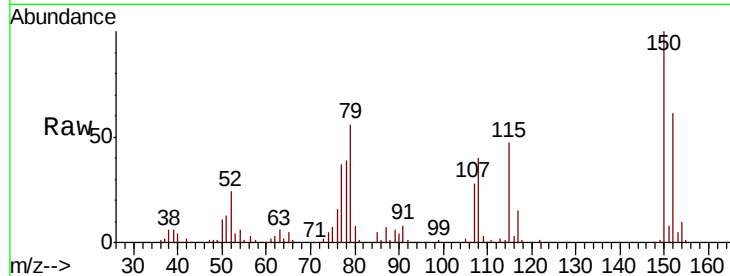
#15
Benzyl Alcohol
Concen: 40.354 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.6	60.4	90.6
77	66.3	50.6	76.0

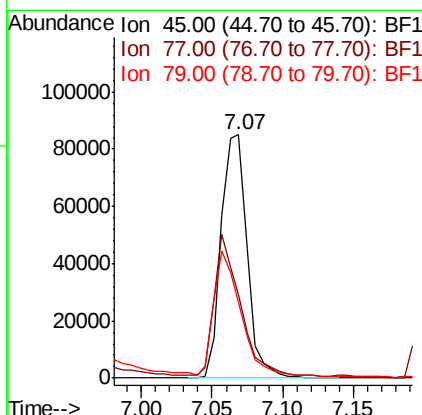
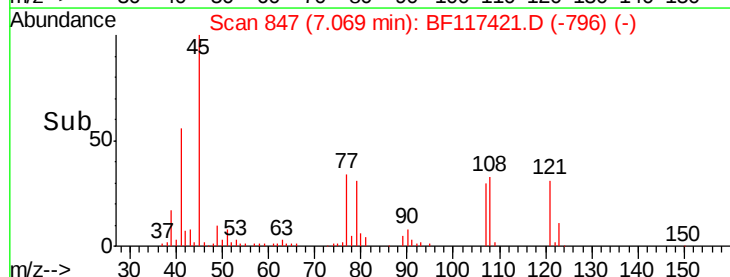
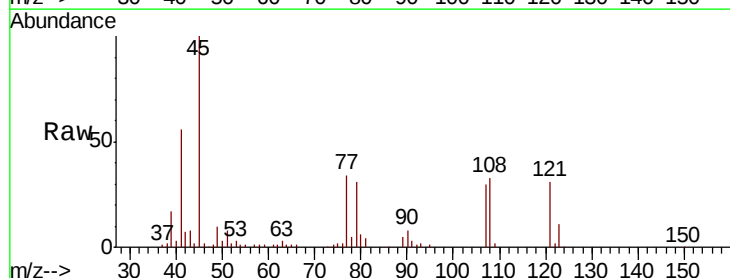
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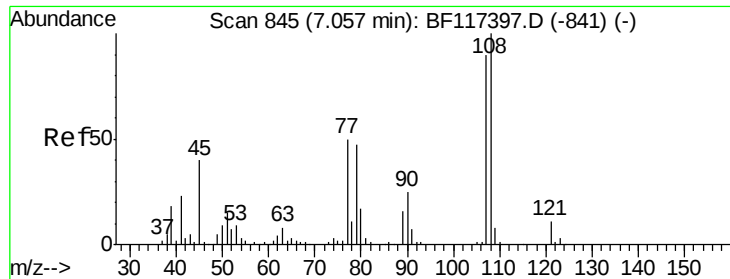
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.206 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.3	15.9	55.9
79	31.4	10.7	50.7





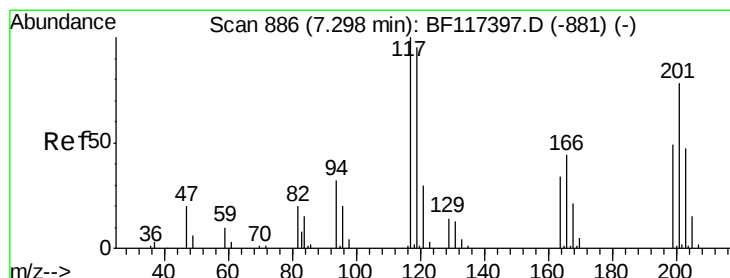
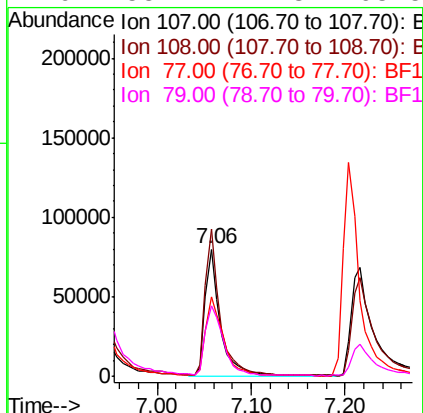
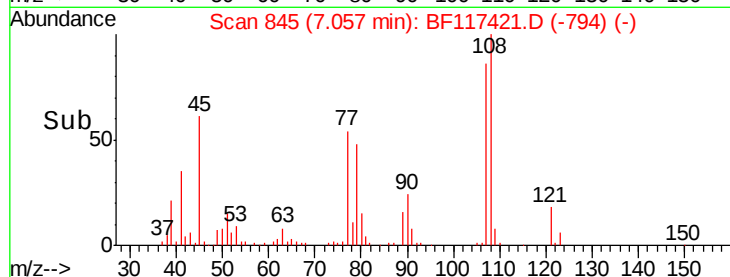
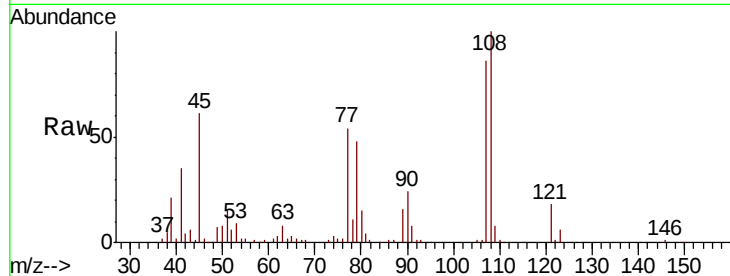
#17
2-Methylphenol
Concen: 41.932 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.8	89.4	134.2
77	62.8	45.1	67.7
79	55.7	42.3	63.5

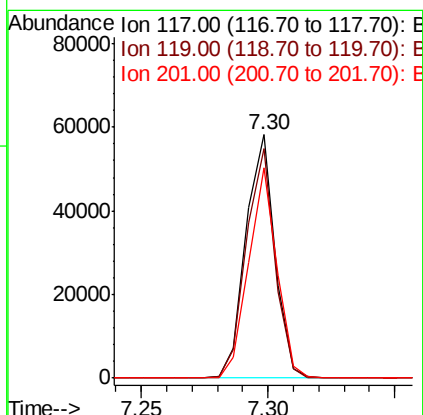
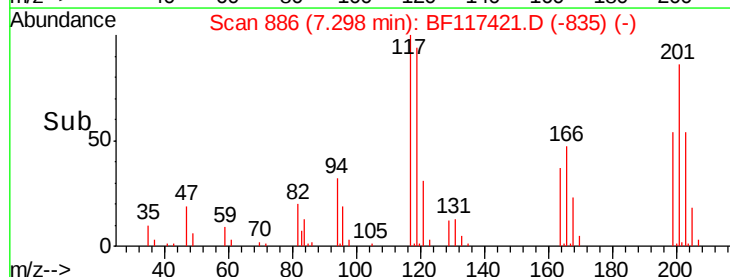
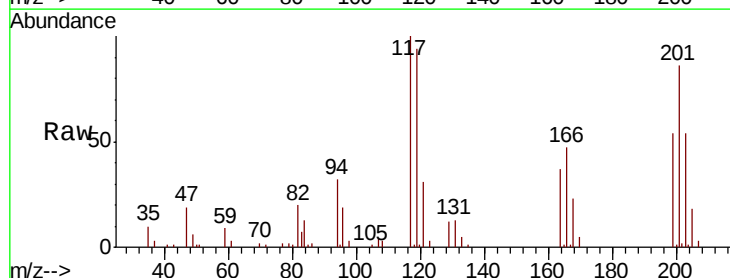
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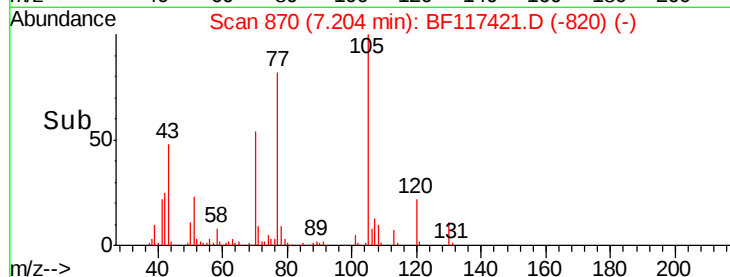
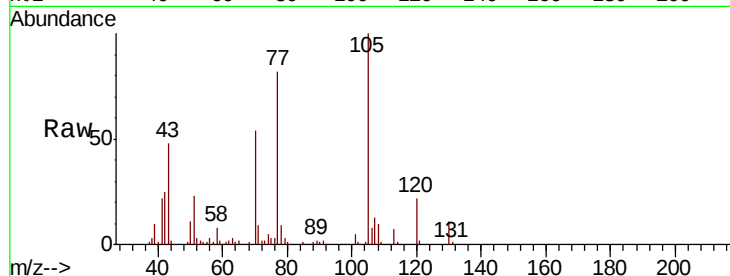
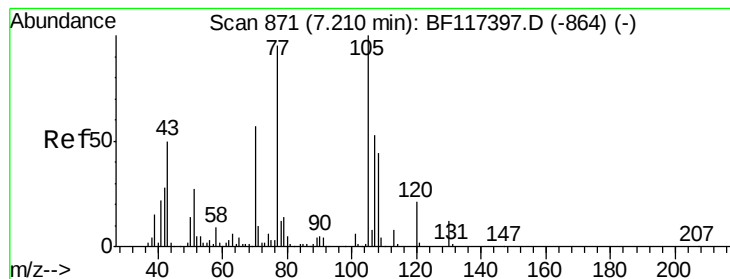
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#18
Hexachloroethane
Concen: 39.758 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.7	113.5
201	86.4	62.2	93.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.784 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 81703

Ion Ratio Lower Upper

70 100

42 46.7 39.8 59.8

101 9.2 8.1 12.1

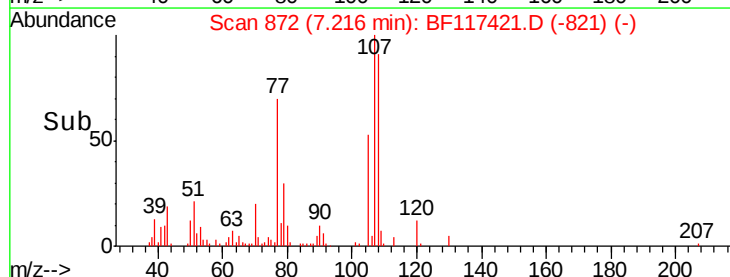
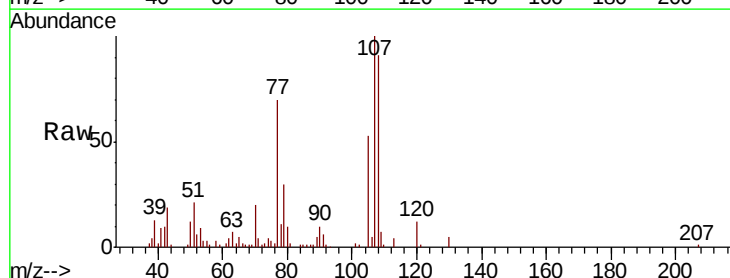
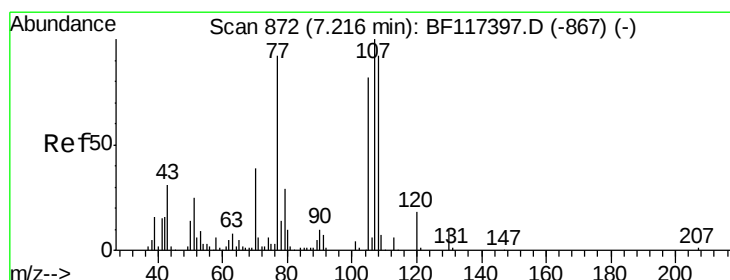
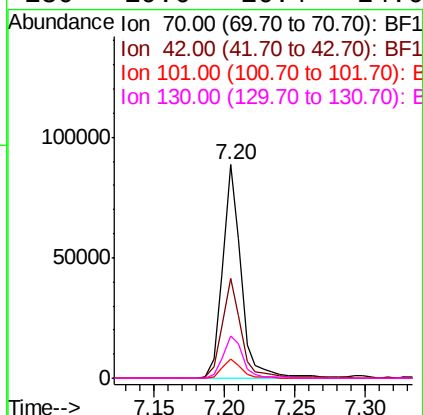
130 19.6 16.4 24.6

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#20

3+4-Methylphenols

Concen: 42.222 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Tgt Ion: 107 Resp: 119487

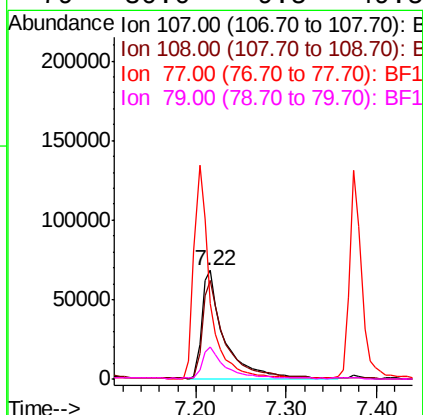
Ion Ratio Lower Upper

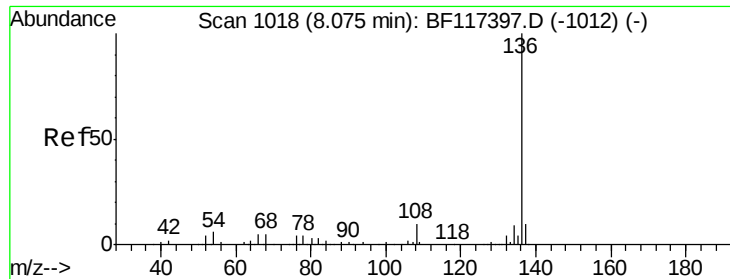
107 100

108 90.6 71.8 111.8

77 69.5 72.7 112.7#

79 30.0 9.5 49.5





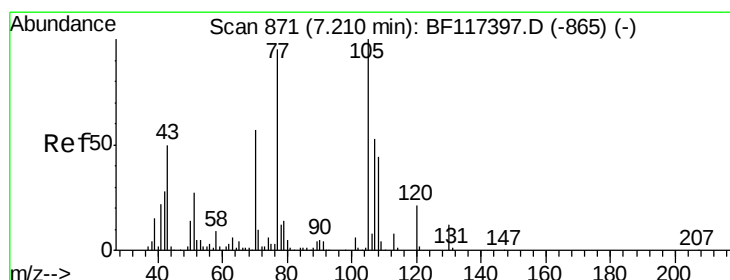
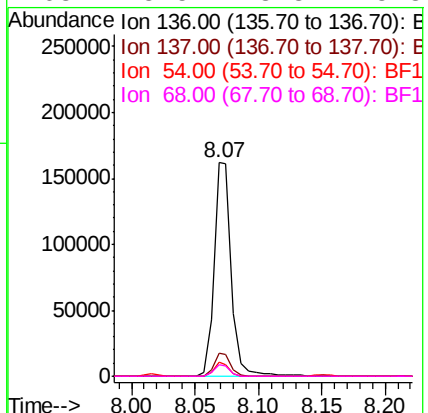
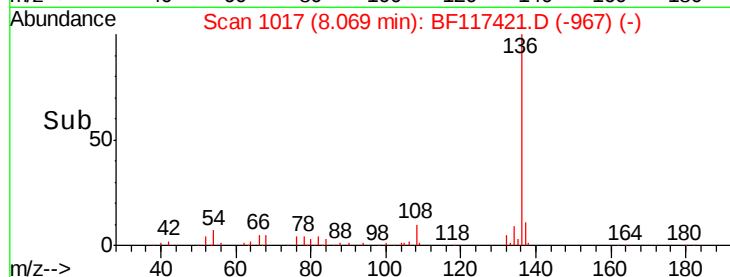
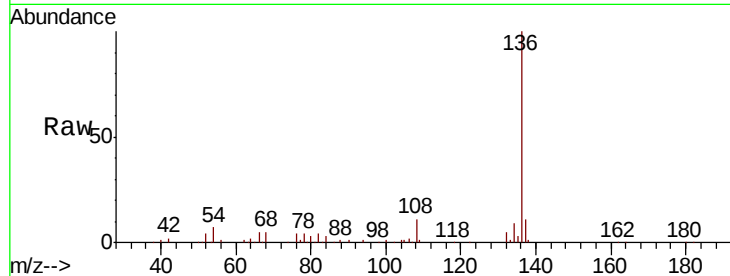
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	155837		
137	10.9	8.4	12.6	
54	6.6	4.6	6.8	
68	5.5	3.8	5.8	

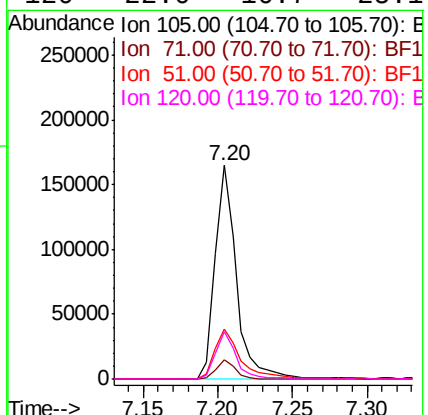
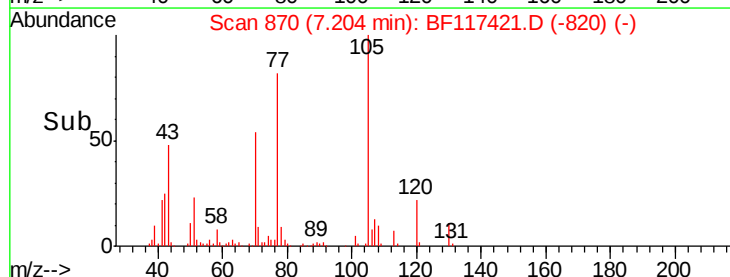
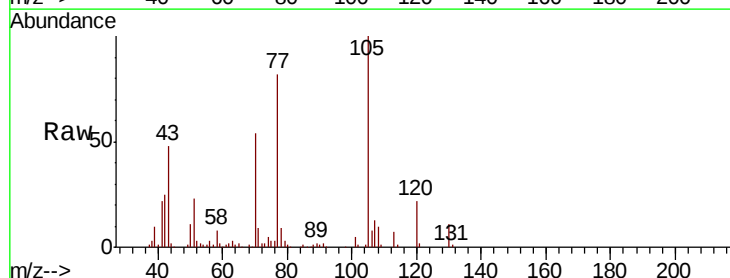
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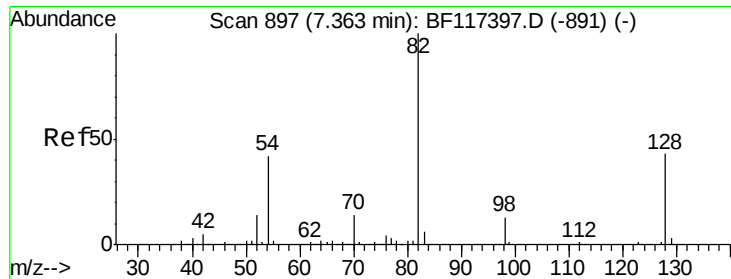
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#22
Acetophenone
Concen: 40.521 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165700		
71	8.8	7.8	11.6	
51	23.3	21.5	32.3	
120	22.0	16.7	25.1	





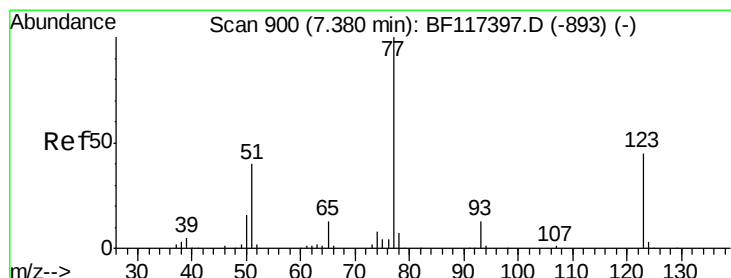
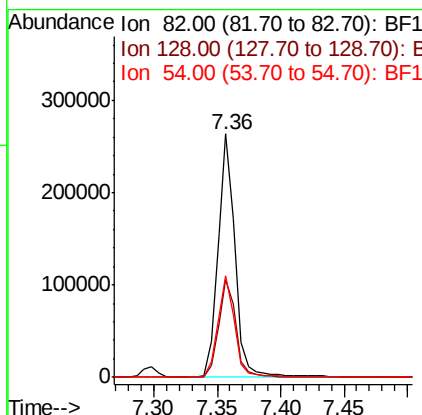
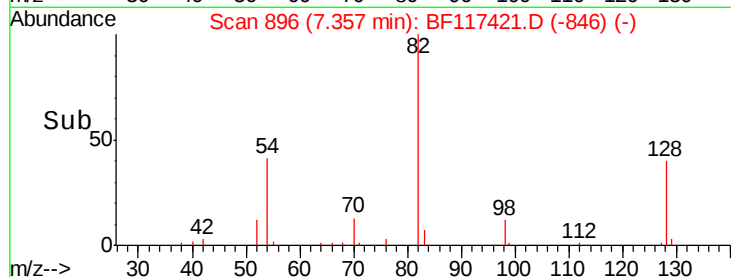
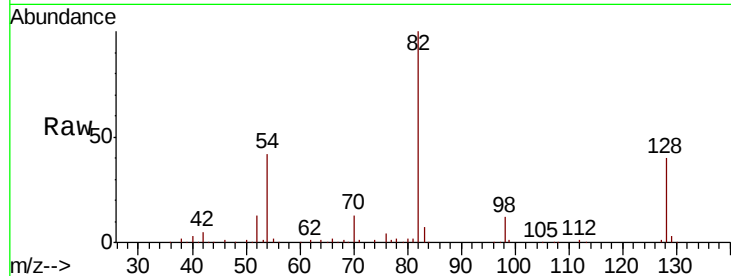
#23
Nitrobenzene-d5
Concen: 81.436 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	250359		
128	40.2		34.1	51.1
54	41.9		33.3	49.9

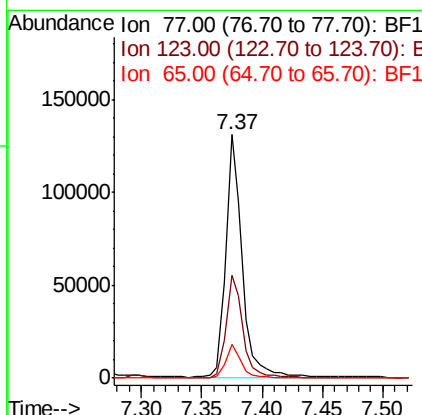
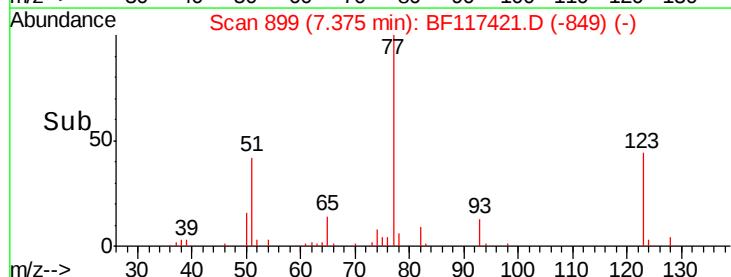
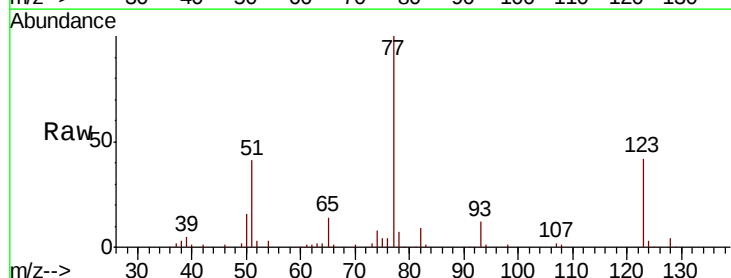
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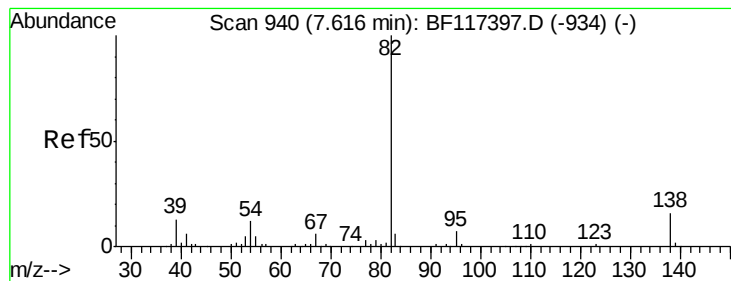
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#24
Nitrobenzene
Concen: 39.888 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	122836		
123	42.4		35.8	53.8
65	13.7		10.1	15.1





#25

Isophorone

Concen: 41.209 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 225678

Ion Ratio Lower Upper

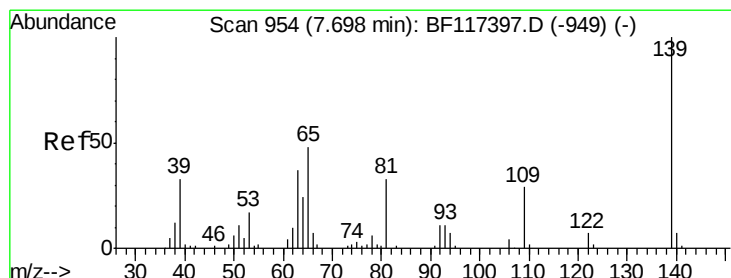
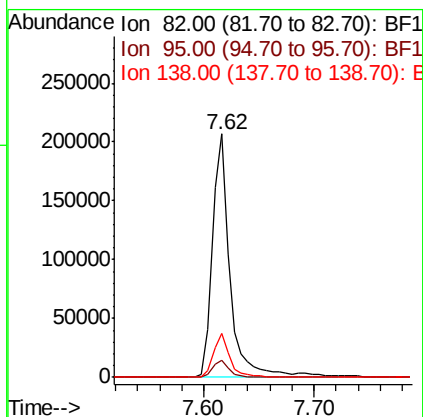
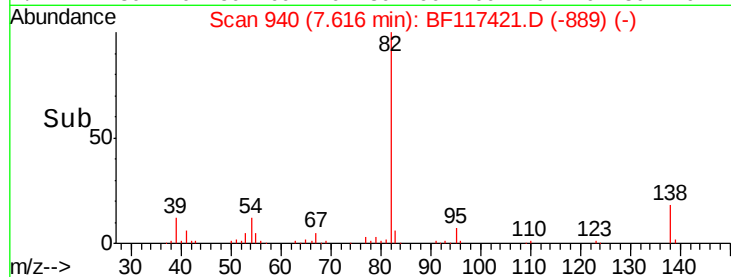
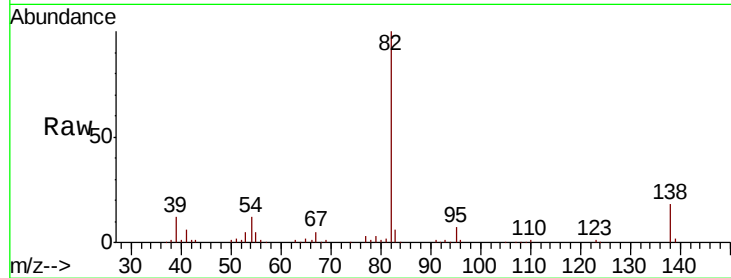
82 100

95 7.1 5.4 8.0

138 17.9 13.0 19.4

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#26

2-Nitrophenol

Concen: 41.695 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

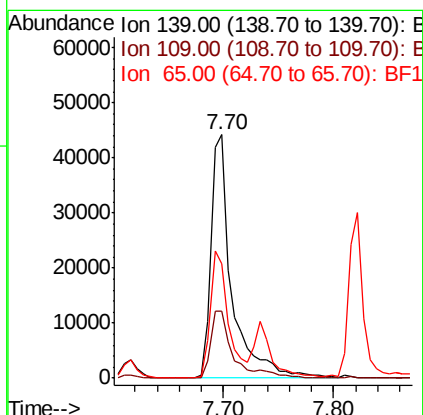
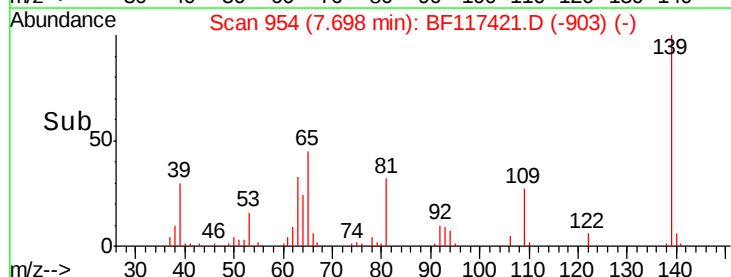
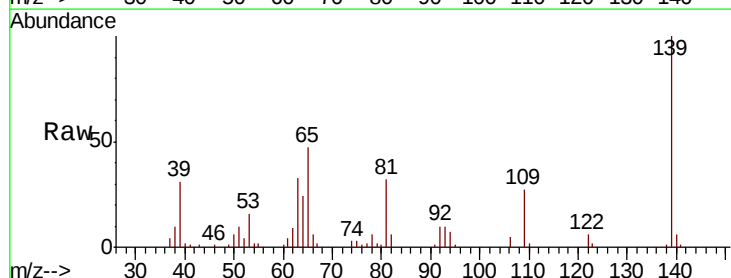
Tgt Ion: 139 Resp: 56970

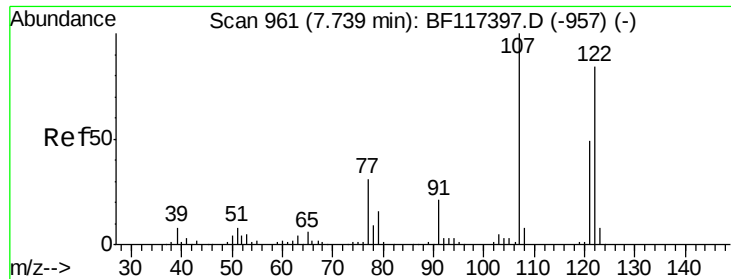
Ion Ratio Lower Upper

139 100

109 27.4 23.1 34.7

65 46.7 38.2 57.4





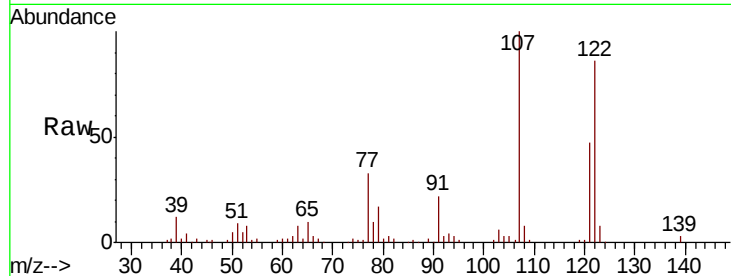
#27
2,4-Dimethylphenol
Concen: 40.454 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	95.0	142.6
121	54.9	46.6	69.8

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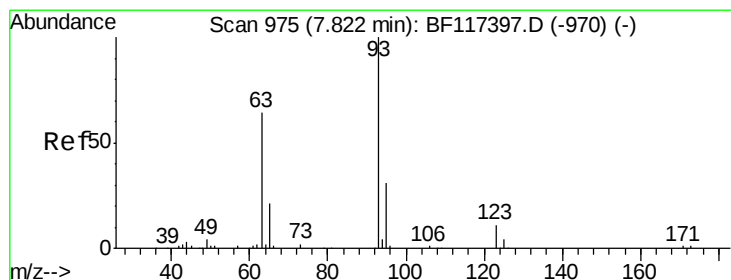
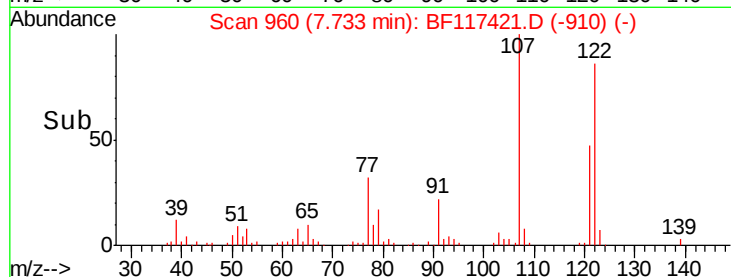
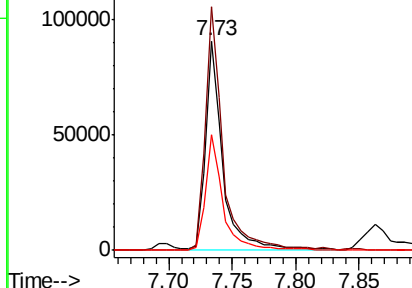


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.397 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

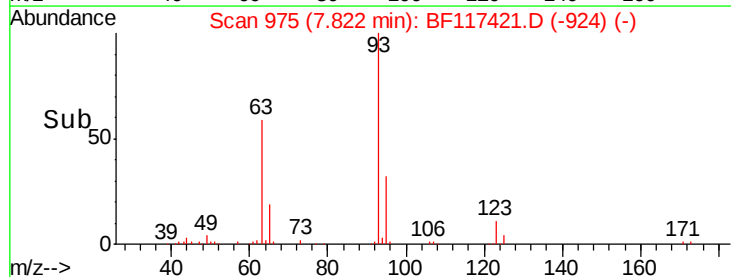
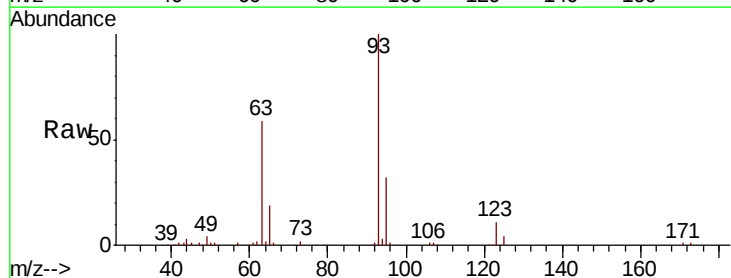
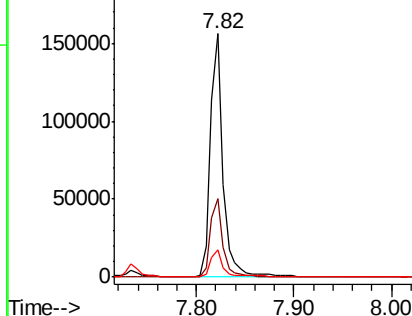
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.1	37.7
123	11.0	8.6	12.8

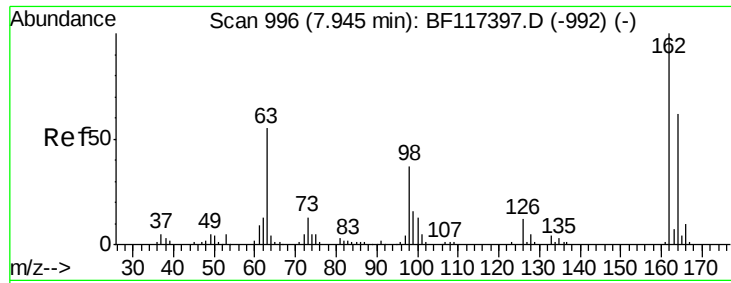
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





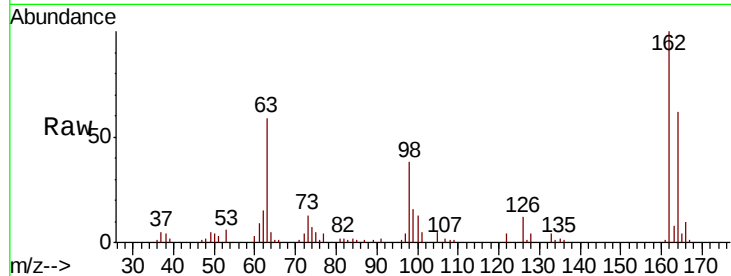
#29
2,4-Dichlorophenol
Concen: 41.264 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

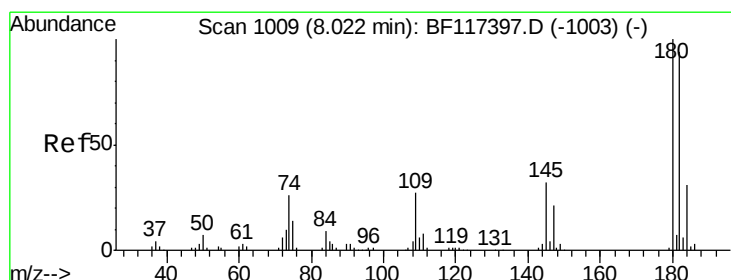
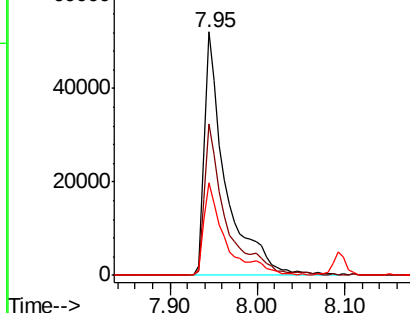
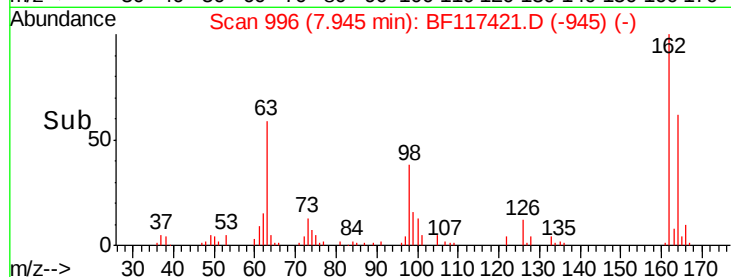
Tot Ion:	162	Resp:	88416
Ion Ratio	Lower	Upper	
162	100		
164	62.2	42.2	82.2
98	38.2	17.4	57.4

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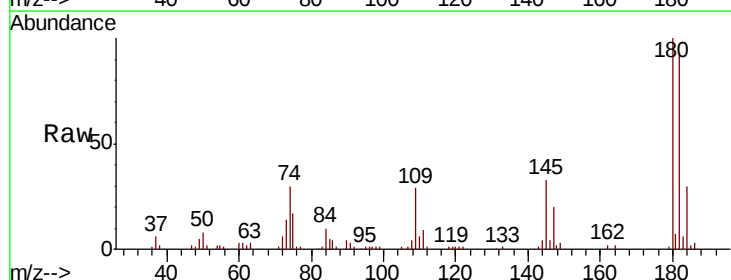


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

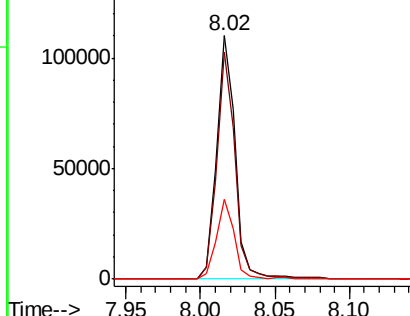
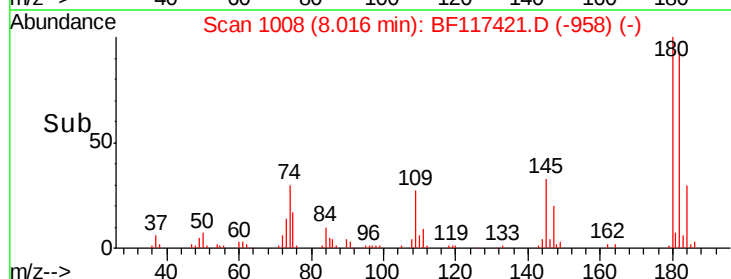


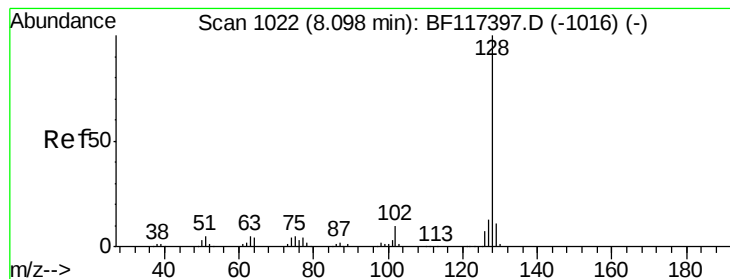
#30
1,2,4-Trichlorobenzene
Concen: 41.486 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:	180	Resp:	95827
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.4	113.2
145	32.5	25.5	38.3



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: 41.167 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

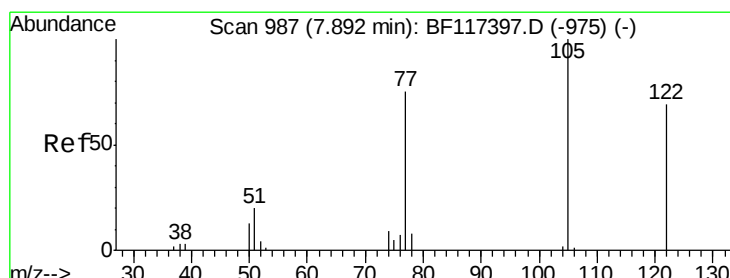
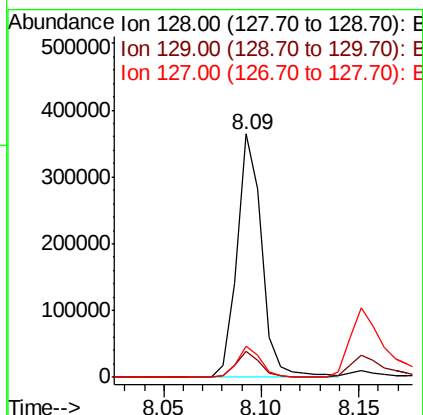
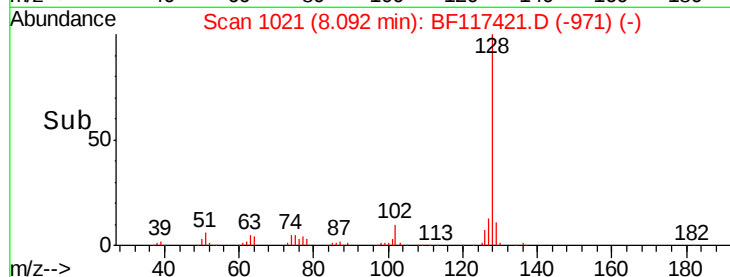
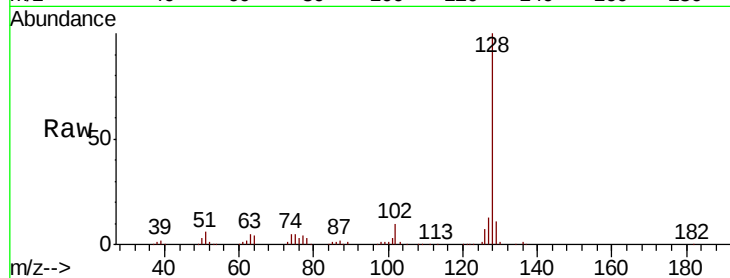
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
129	10.7	8.6	12.8		
127	12.7	10.4	15.6		

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#32

Benzoic acid

Concen: 22.044 ng m

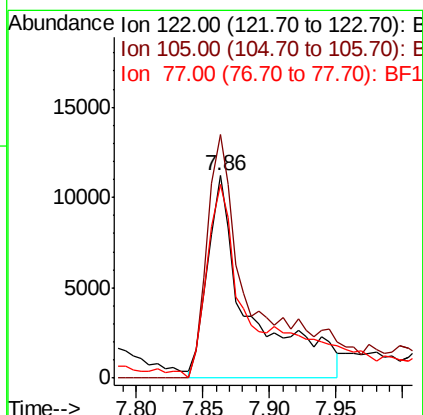
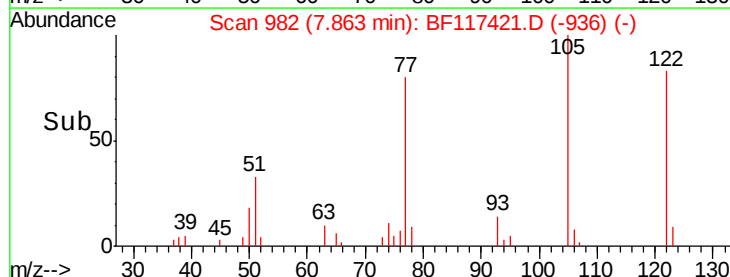
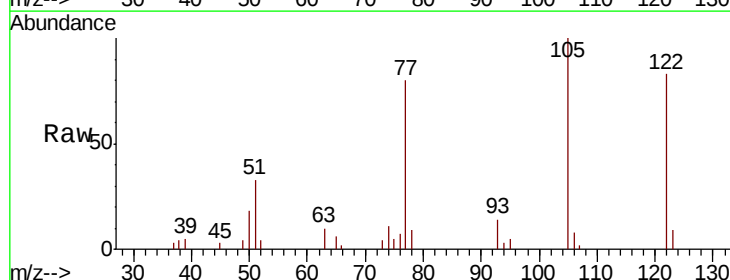
RT: 7.86 min Scan# 982

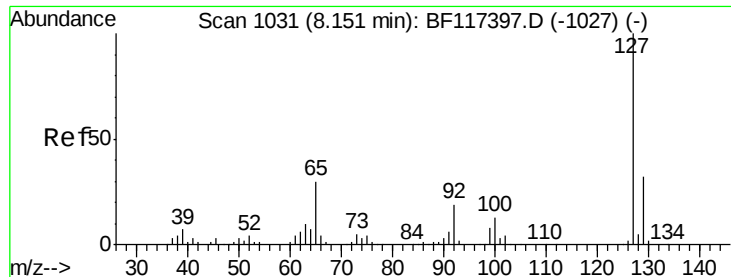
Delta R.T. -0.03 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
105	120.3	121.5	161.5#		
77	95.7	88.3	128.3		





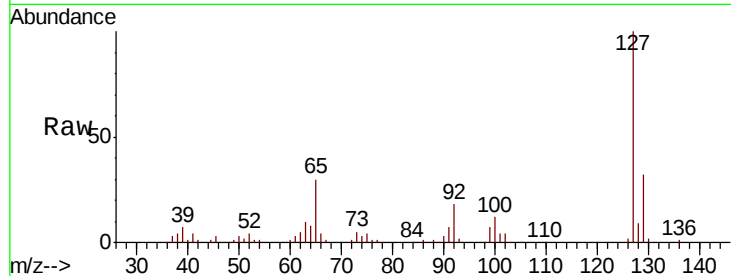
#33
4-Chloroaniline
Concen: 41.767 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.4	38.0		
65	29.9	23.8	35.8		
92	18.2	15.3	22.9		

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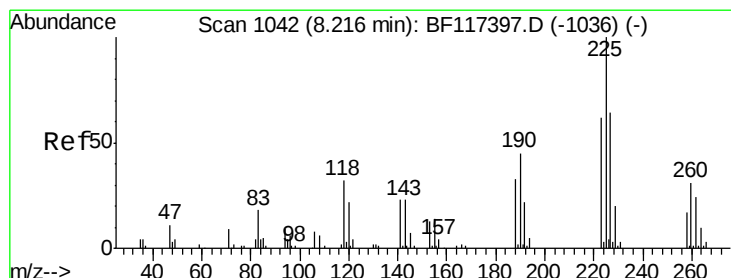
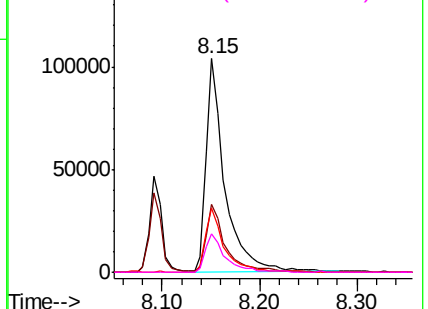
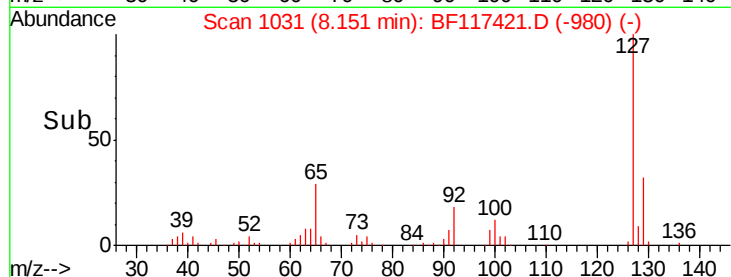
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

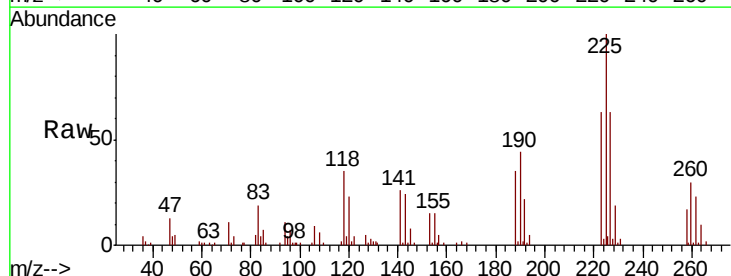
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.017 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	49.7	74.5		
227	63.3	50.9	76.3		

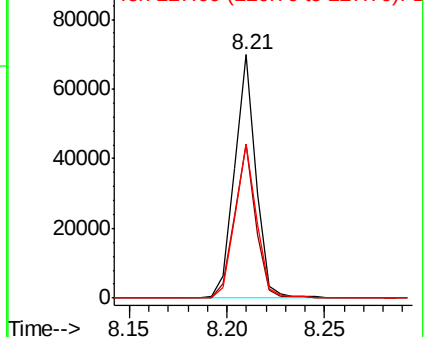
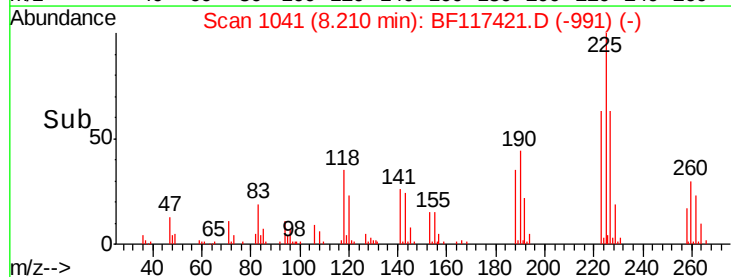


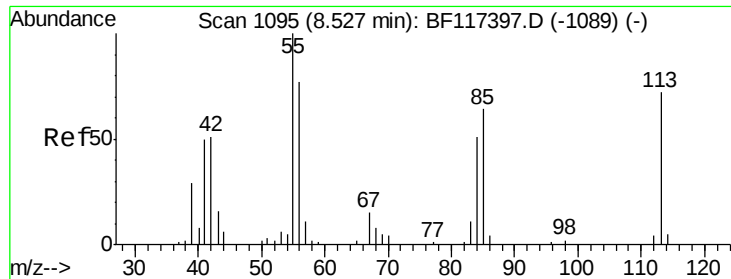
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





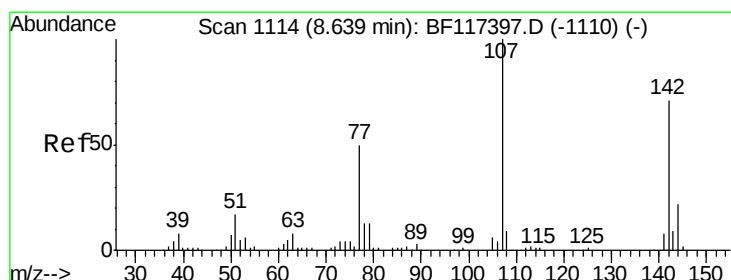
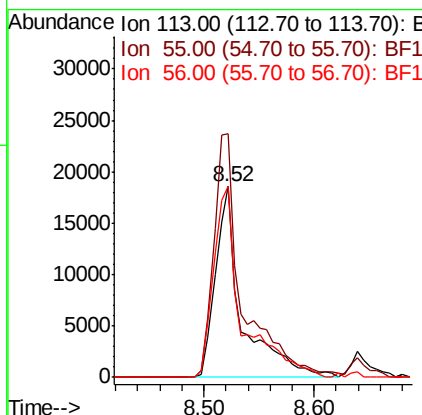
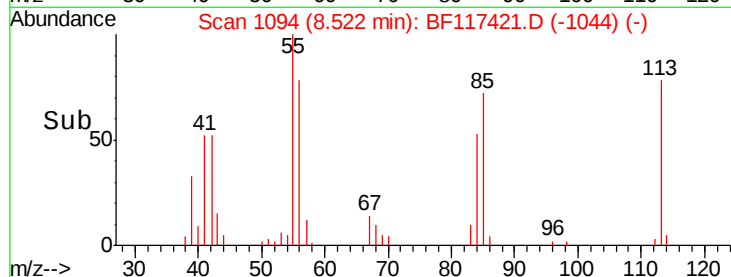
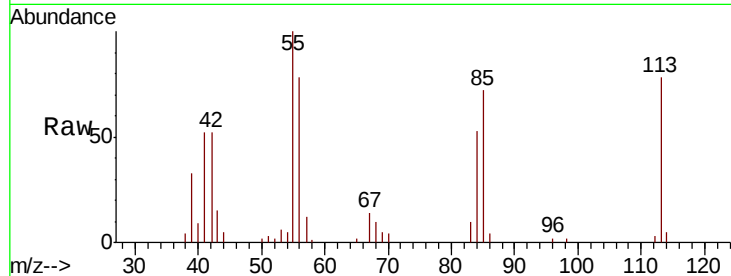
#35
Caprolactam
Concen: 45.915 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	127.7		118.5	158.5	
56	100.3		86.7	126.7	

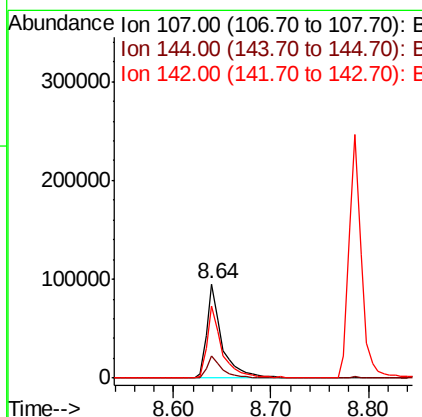
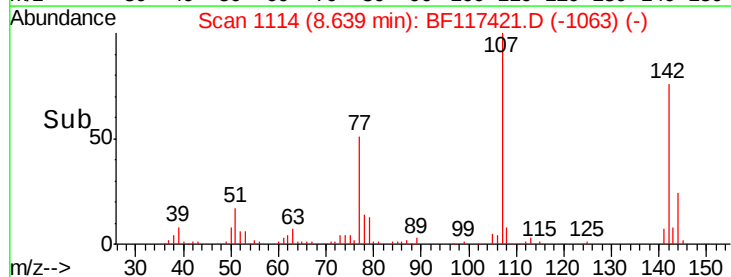
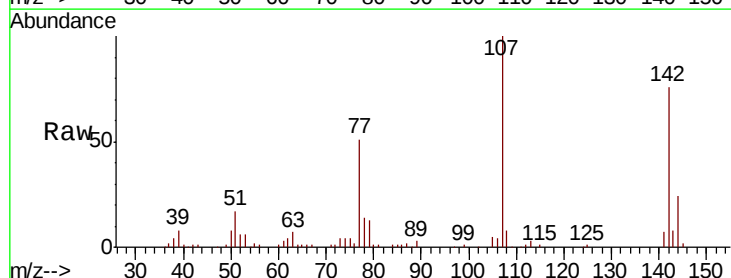
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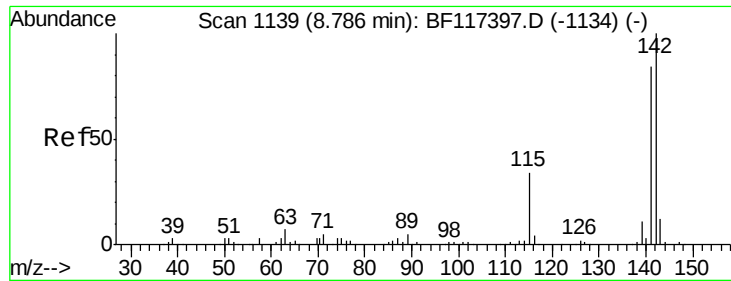
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#36
4-Chloro-3-methylphenol
Concen: 42.389 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.7		17.9	26.9	
142	76.4		56.9	85.3	





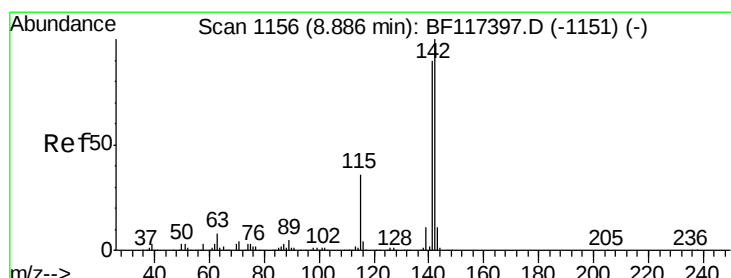
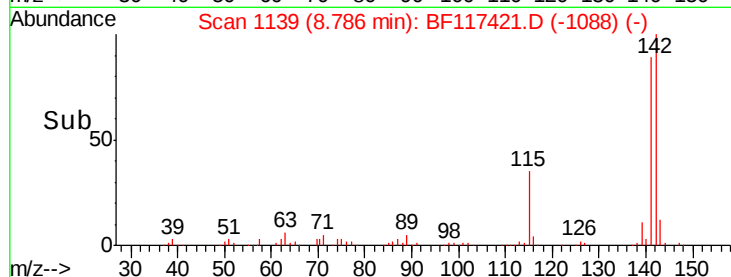
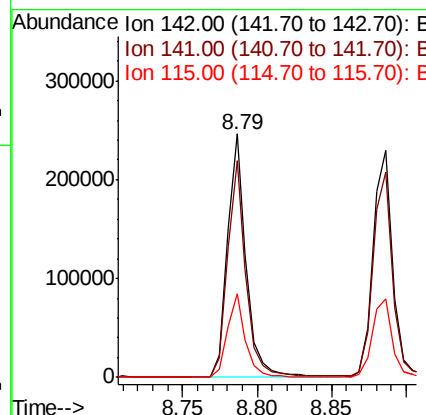
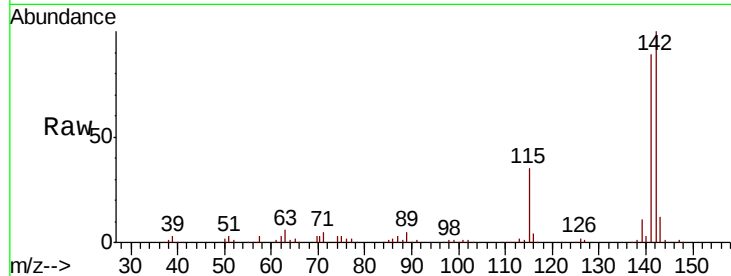
#37
2-Methylnaphthalene
Concen: 41.759 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	67.2	100.8
115	34.5	26.9	40.3

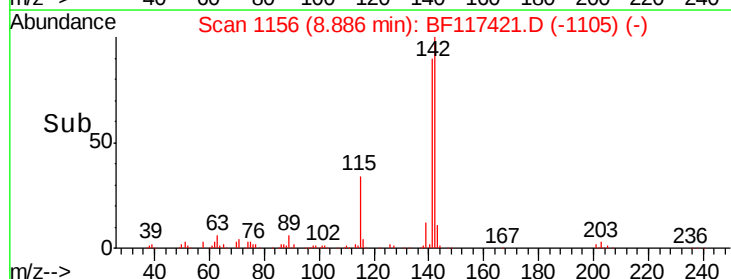
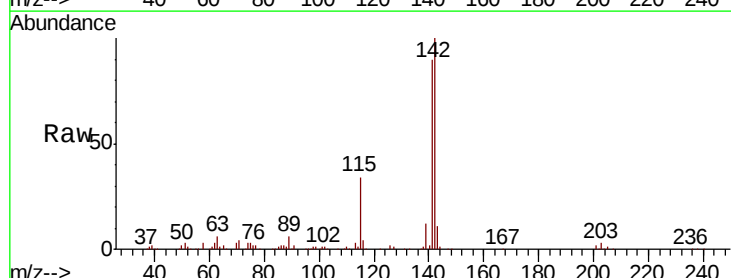
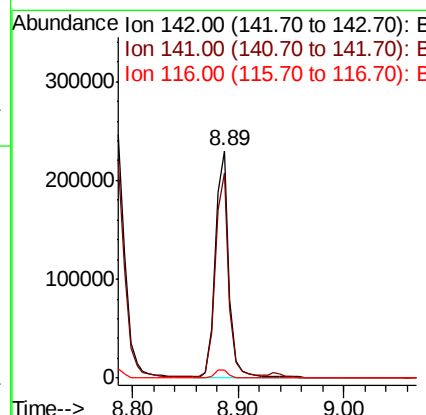
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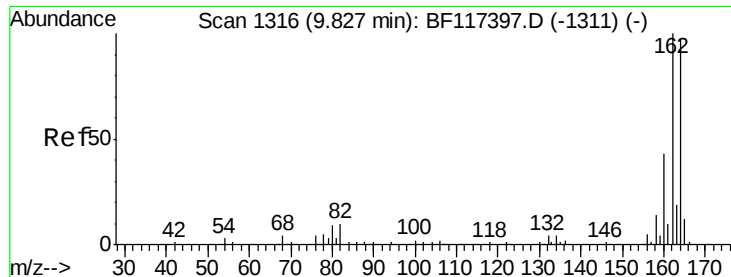
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#38
1-Methylnaphthalene
Concen: 42.657 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.8	107.8
116	3.6	2.9	4.3





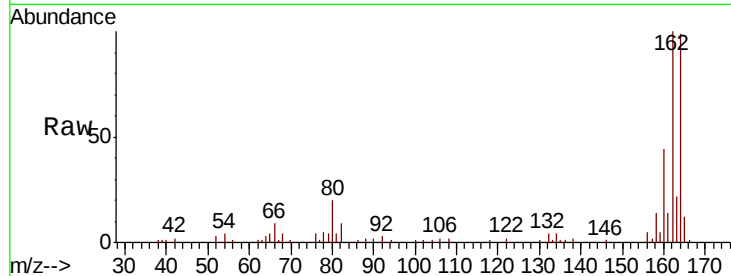
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.4	123.6
160	44.2	35.4	53.0

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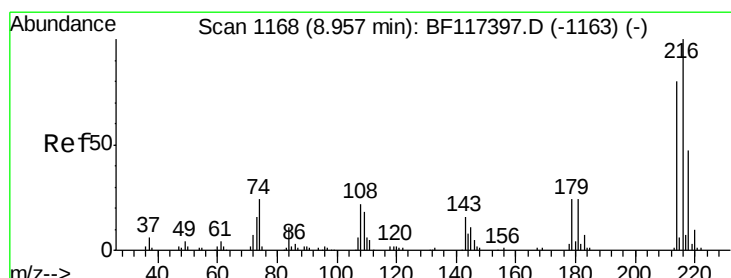
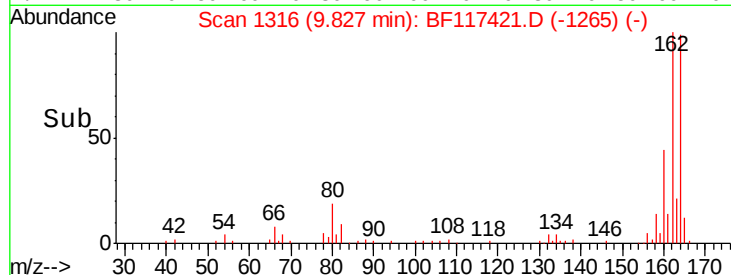
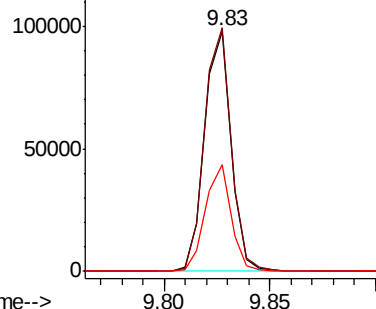


Abundance

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: 40.441 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.8	95.6
179	22.4	18.6	28.0
108	21.3	17.0	25.4

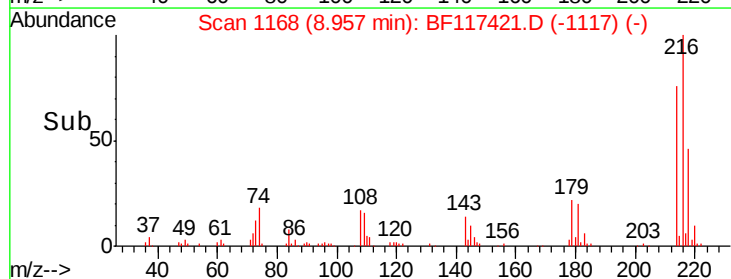
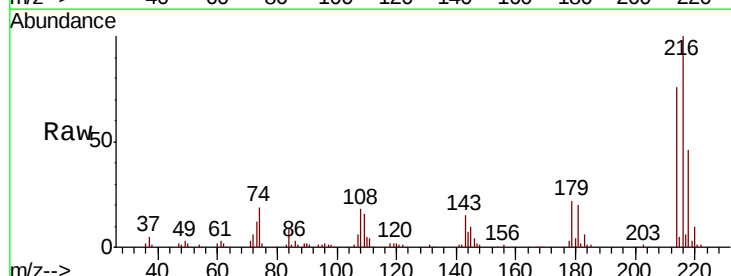
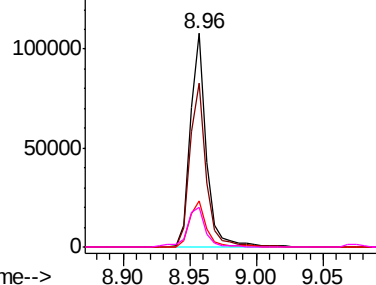
Abundance

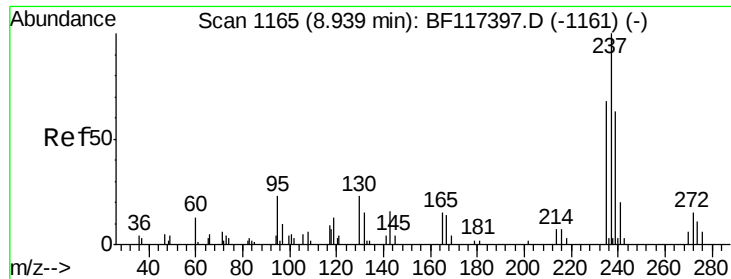
Ion 216.00 (215.70 to 216.70): E

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: 57.511 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

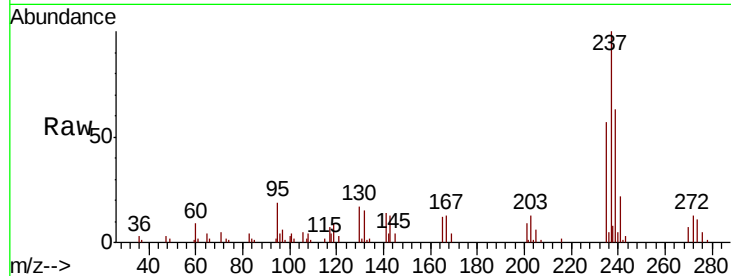
ClientSampleId :

SSTDCCC040EC

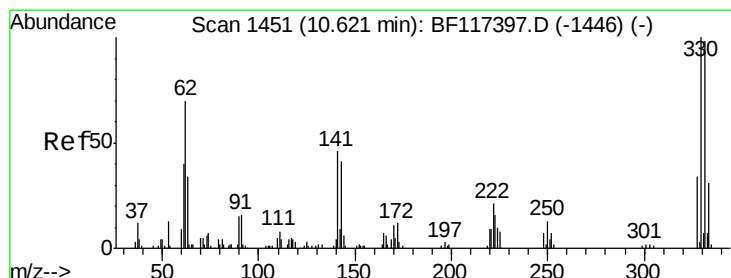
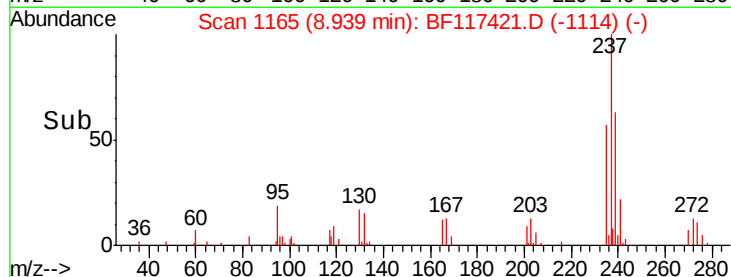
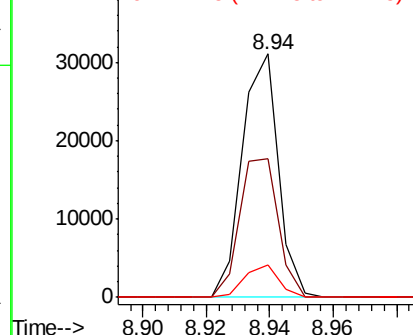
Tot Ion:	237	Resp:	24374
Ion Ratio	Lower	Upper	
237	100		
235	56.9	47.8	87.8
272	13.4	0.0	35.0

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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: 84.995 ng

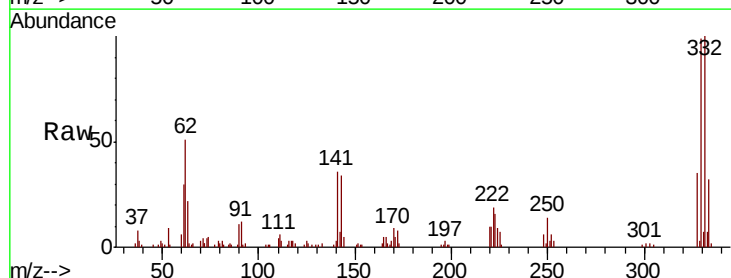
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

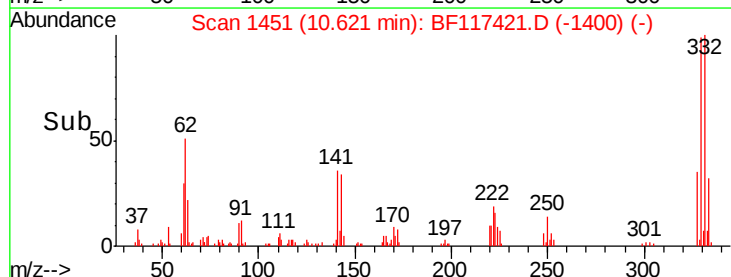
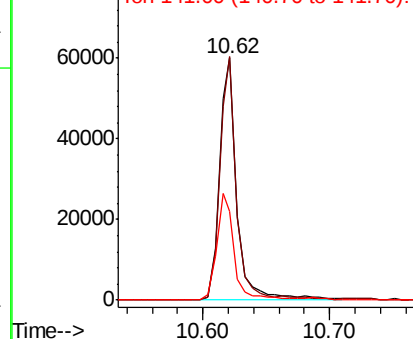
Lab File: BF117421.D

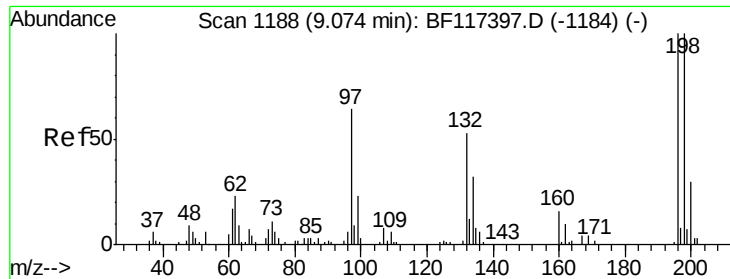
Acq: 16 Oct 2019 18:39

Tgt Ion:	330	Resp:	58334
Ion Ratio	Lower	Upper	
330	100		
332	96.7	75.0	112.6
141	44.2	34.2	51.4



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





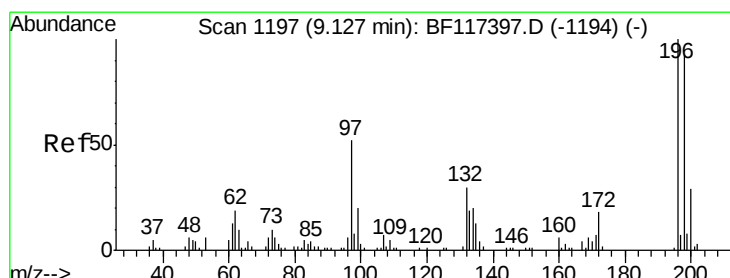
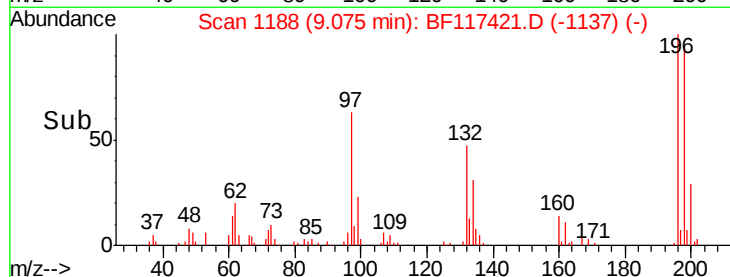
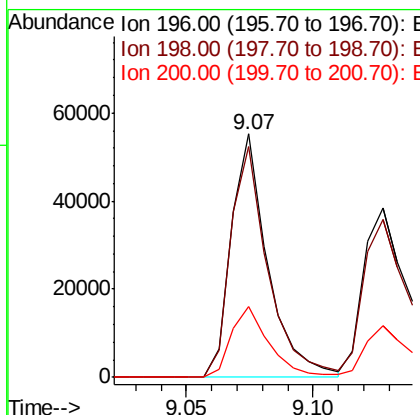
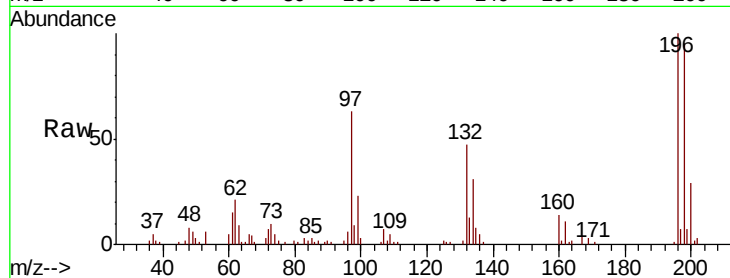
#43
 2,4,6-Trichlorophenol
 Concen: 38.507 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	196	Resp:	55308
Ion Ratio	Lower	Upper	
196	100		
198	94.6	79.8	119.6
200	29.3	23.7	35.5

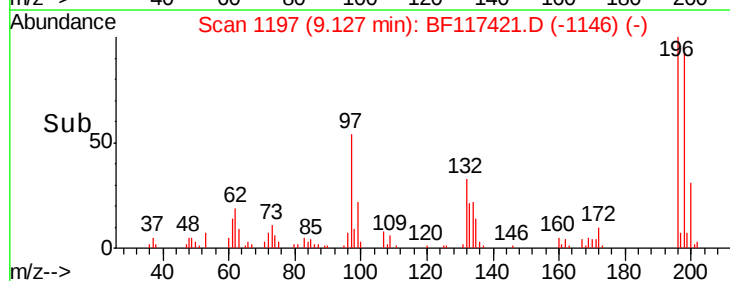
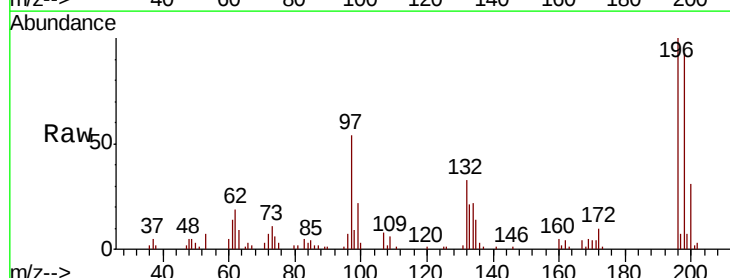
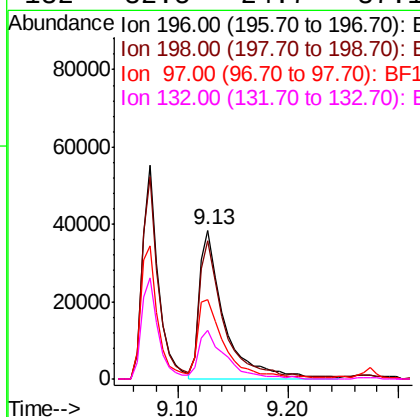
Manual Integrations
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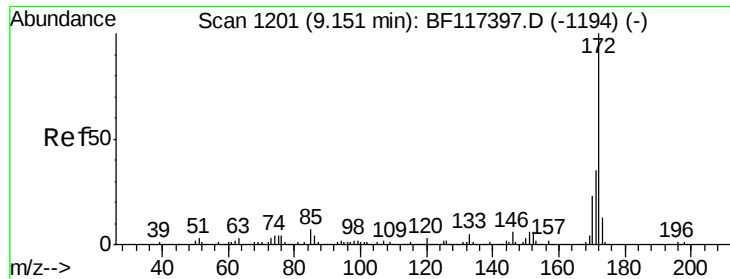
mohammad
 10/18/2019 8:26:39 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.491 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Tgt Ion:	196	Resp:	59322
Ion Ratio	Lower	Upper	
196	100		
198	93.0	74.9	112.3
97	53.8	42.5	63.7
132	32.5	24.7	37.1





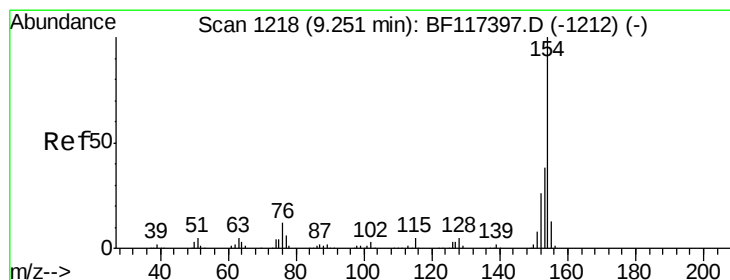
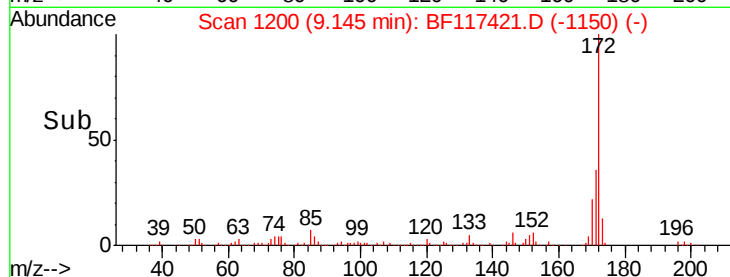
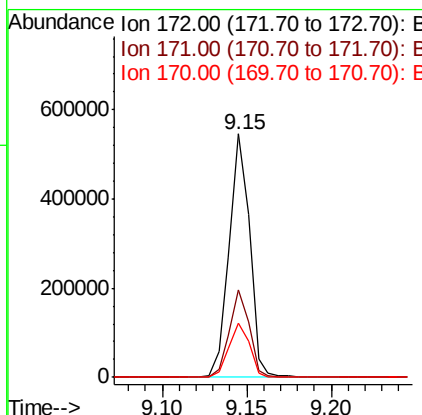
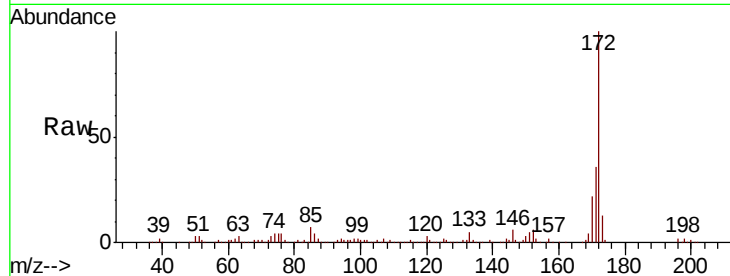
#45
2-Fluorobiphenyl
Concen: 79.555 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	22.4	18.2	27.2

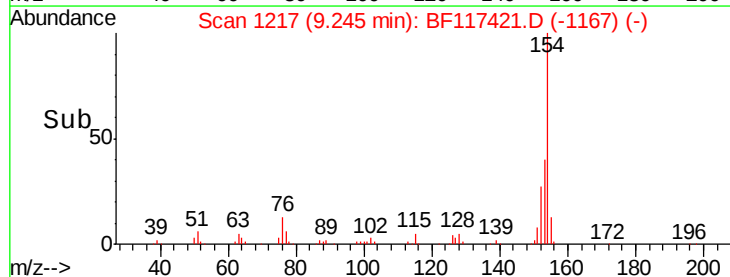
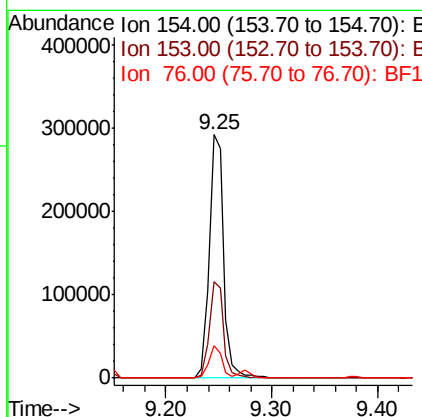
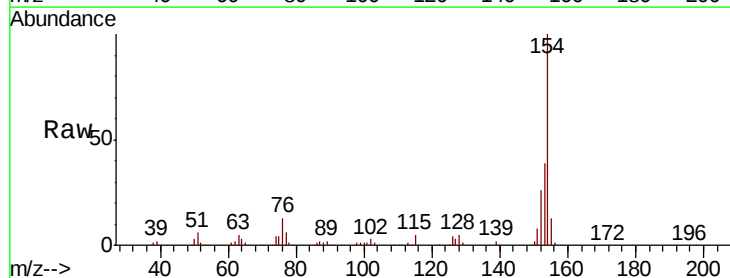
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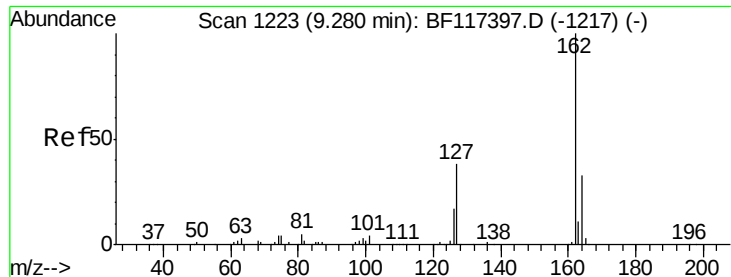
mohammad
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#46
1,1'-Biphenyl
Concen: 40.840 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	18.3	58.3
76	13.2	0.0	32.3





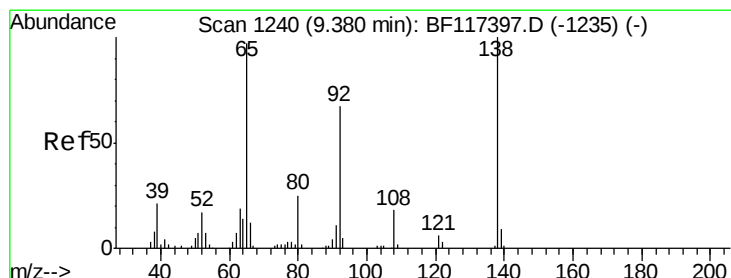
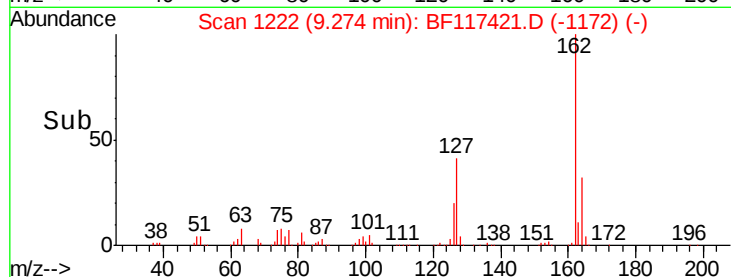
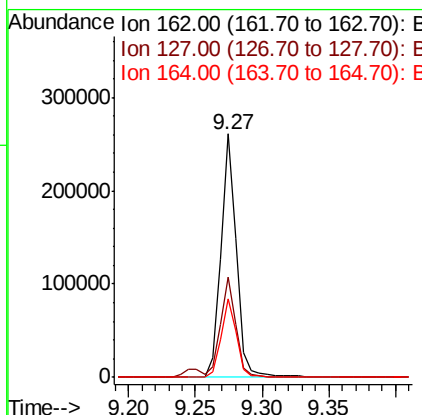
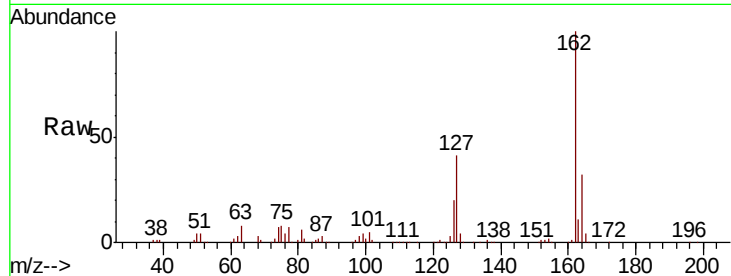
#47
2-Chloronaphthalene
Concen: 39.903 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	214296		
127	41.4	32.6	48.8	
164	32.1	26.2	39.4	

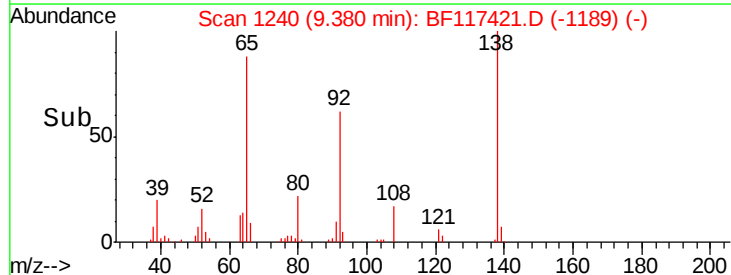
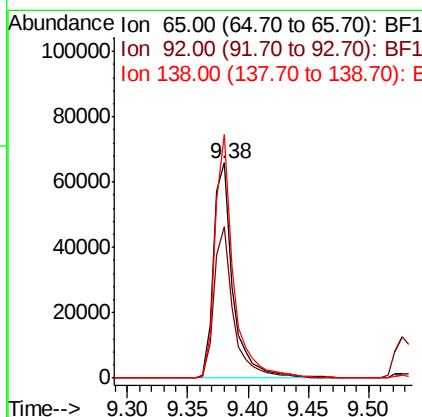
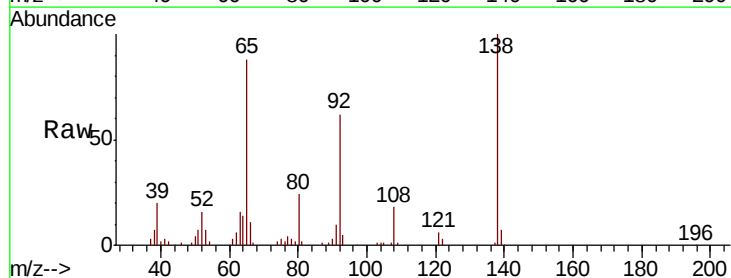
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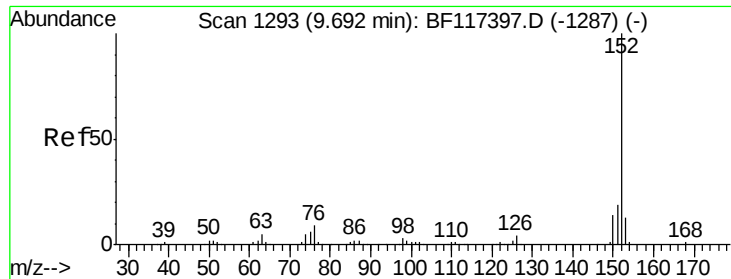
mohammad
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#48
2-Nitroaniline
Concen: 42.534 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	72881		
92	70.2	55.4	83.0	
138	113.1	82.6	124.0	





#49

Acenaphthylene

Concen: 41.003 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

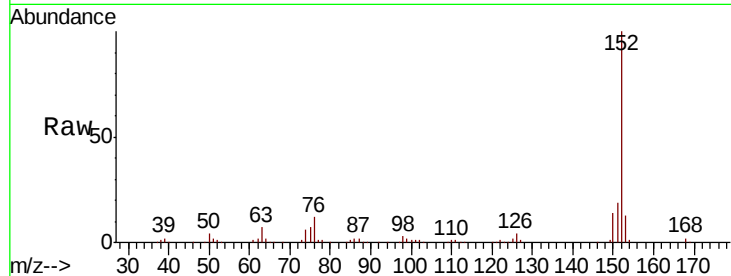
ClientSampleId :

SSTDCCC040EC

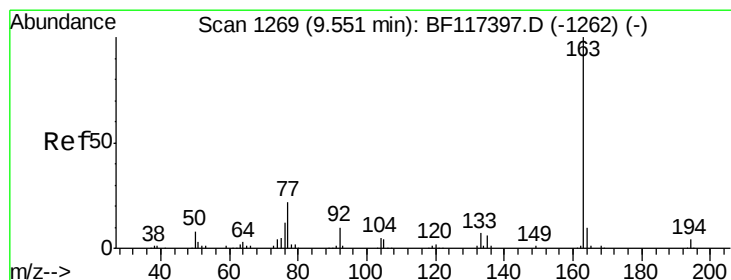
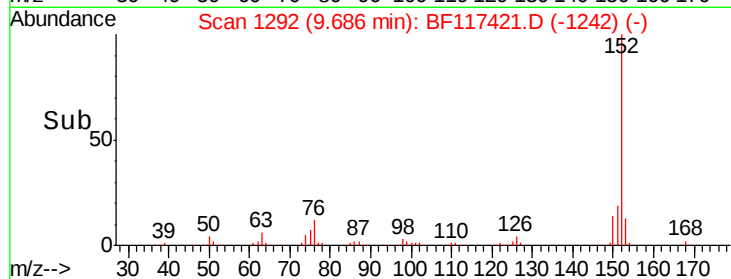
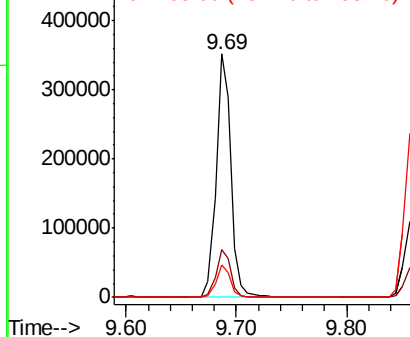
Tot Ion:	152	Resp:	322809
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.5	23.3
153	13.3	10.6	16.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.206 ng

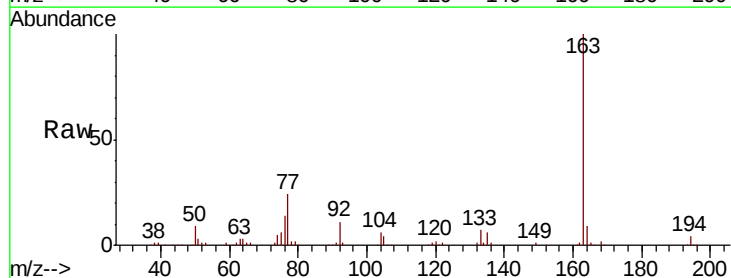
RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

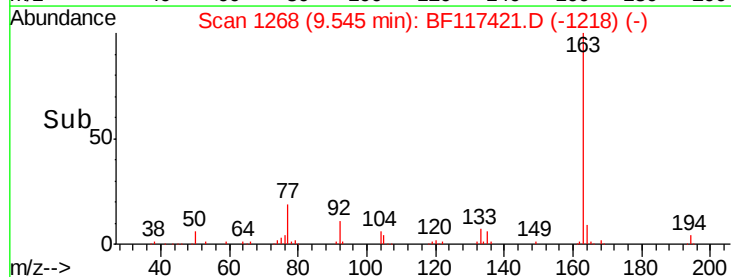
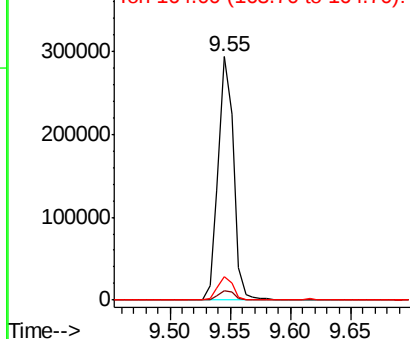
Lab File: BF117421.D

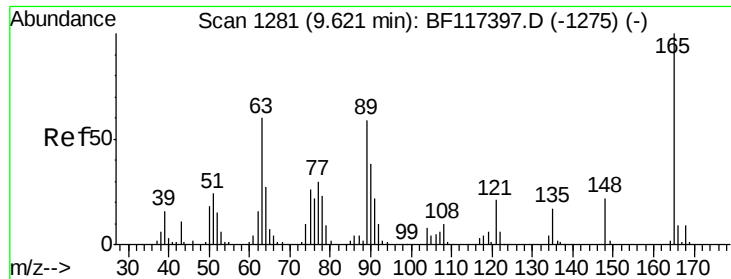
Acq: 16 Oct 2019 18:39

Tgt Ion:	163	Resp:	255614
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.1	4.7
164	9.5	8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





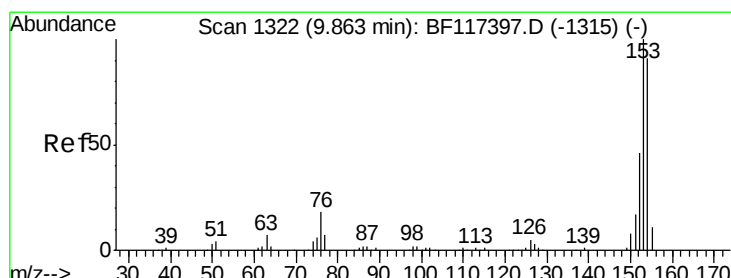
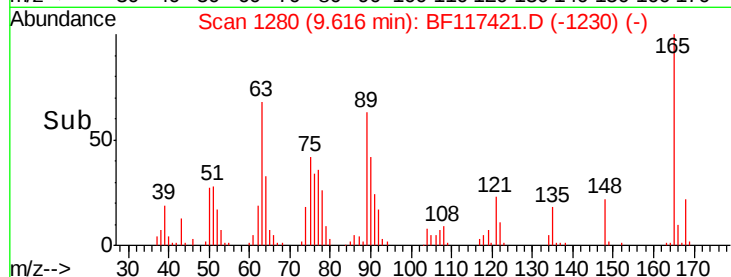
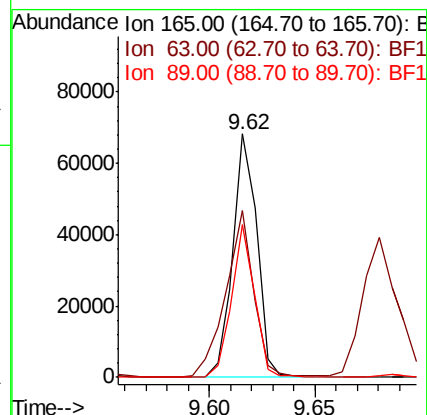
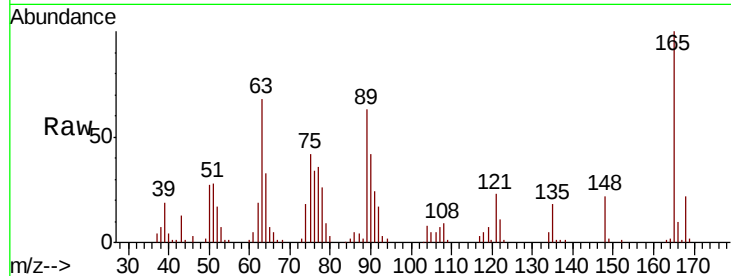
#51
2,6-Dinitrotoluene
Concen: 42.069 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	68.3	47.8	71.6
89	62.9	47.4	71.0

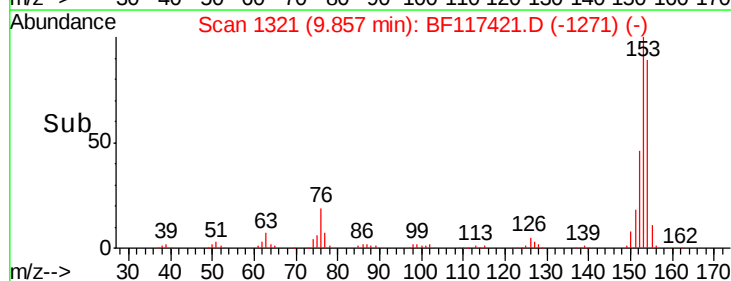
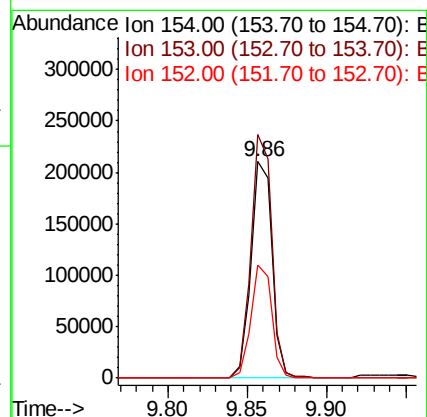
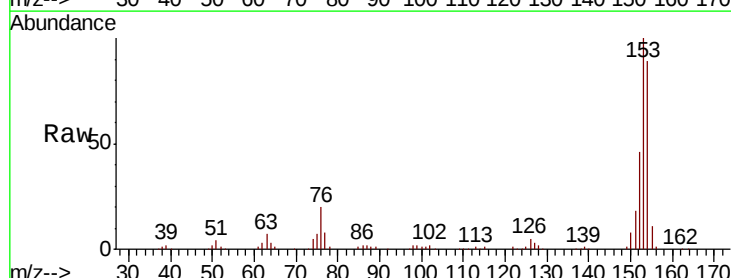
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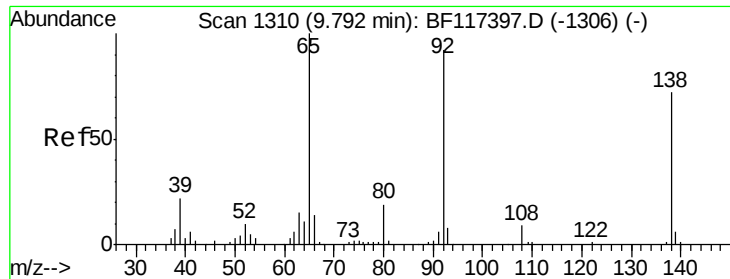
mohammad
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#52
Acenaphthene
Concen: 40.467 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	87.9	131.9
152	52.2	40.8	61.2





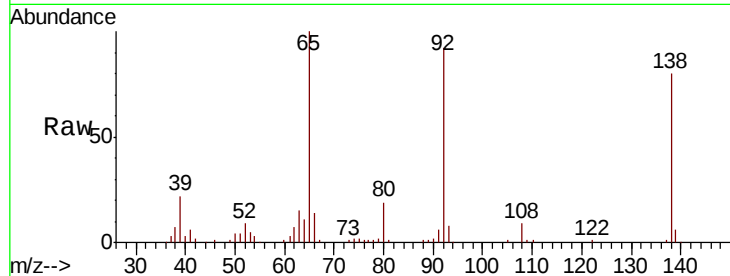
#53
3-Nitroaniline
Concen: 43.338 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.5	14.3
92	115.0	102.2	153.4

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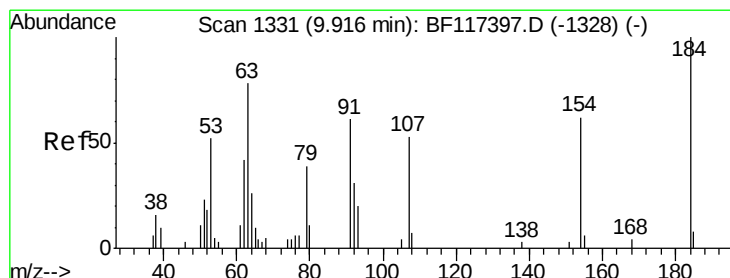
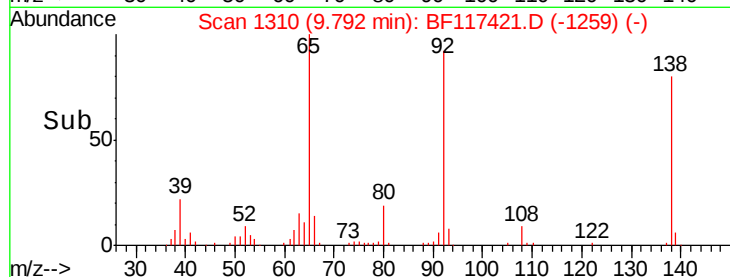
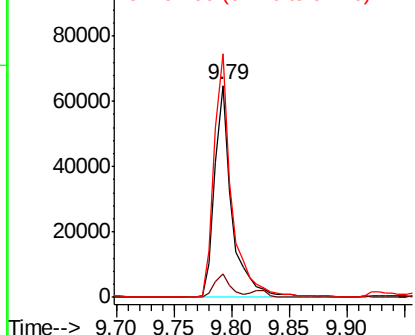


Abundance

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: 24.270 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

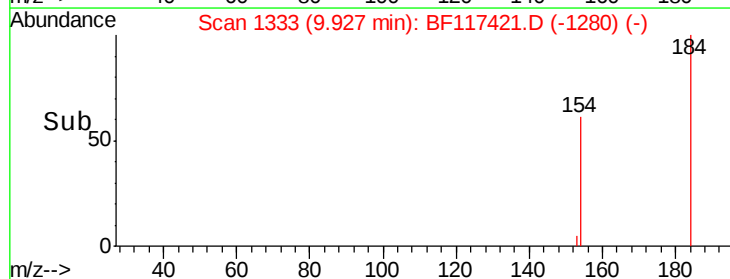
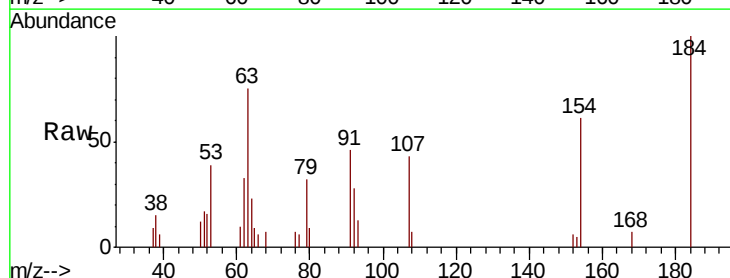
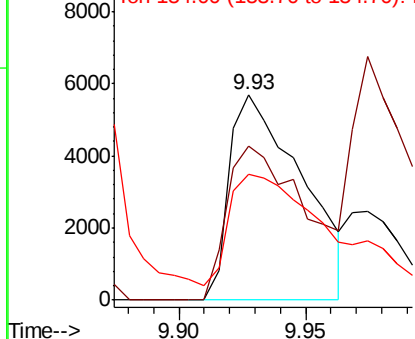
Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.8	62.4	93.6
154	61.3	53.5	80.3

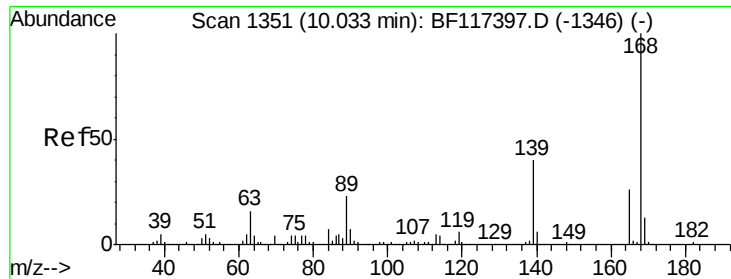
Abundance

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





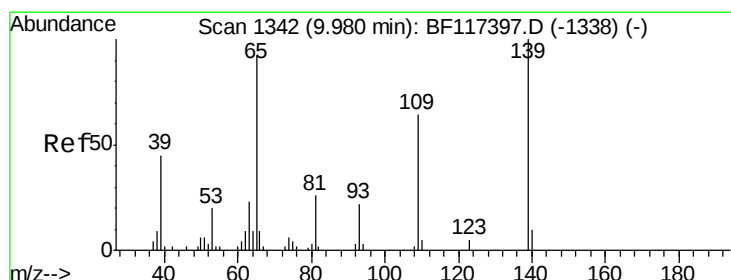
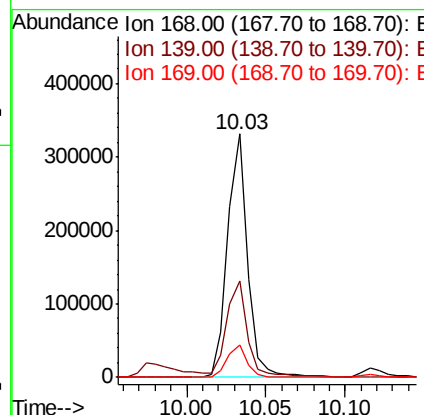
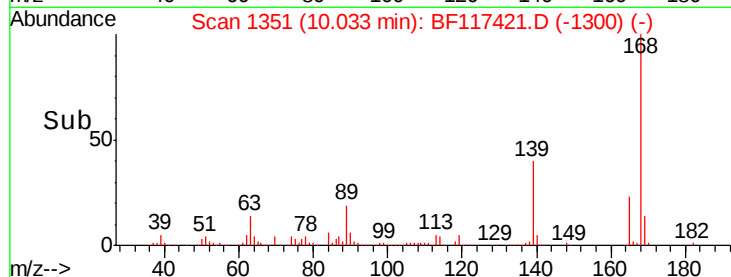
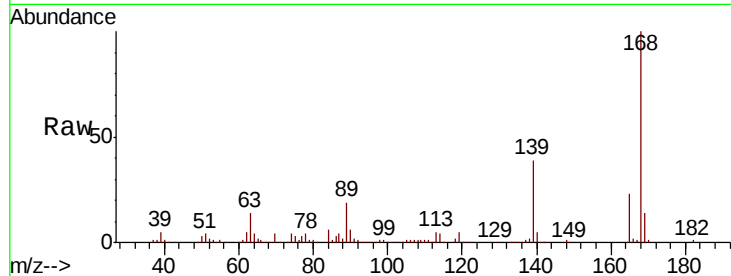
#55
Dibenzofuran
Concen: 41.503 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
168	100	289628		
139	39.5		33.3	49.9
169	13.5		10.7	16.1

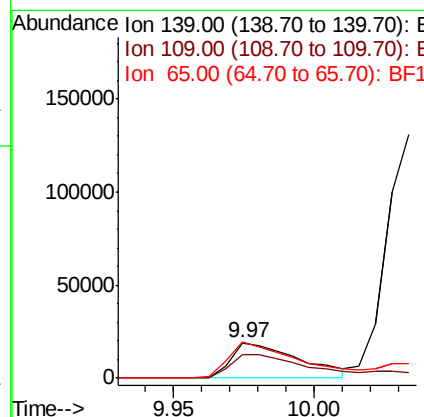
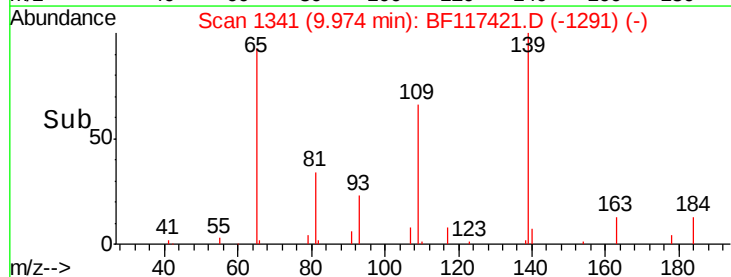
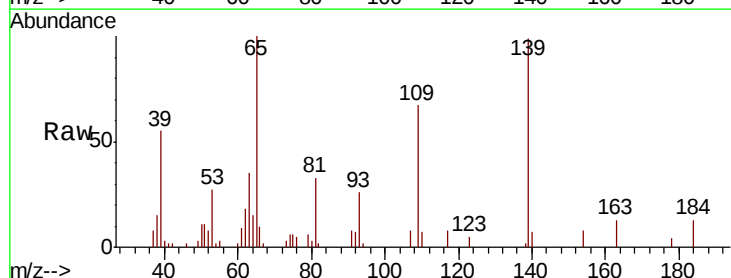
Manual Integrations
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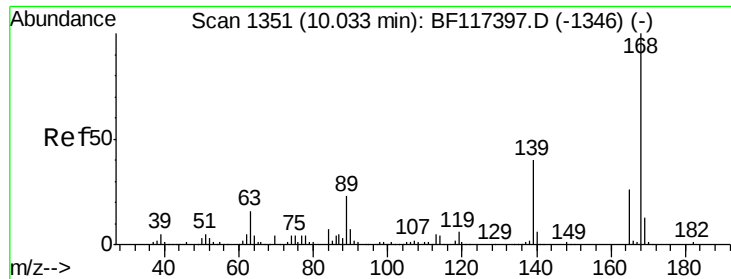
mohammad
10/18/2019 8:26:39 AM



#56
4-Nitrophenol
Concen: 47.454 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	31684		
109	67.5		43.8	83.8
65	101.5		73.9	113.9





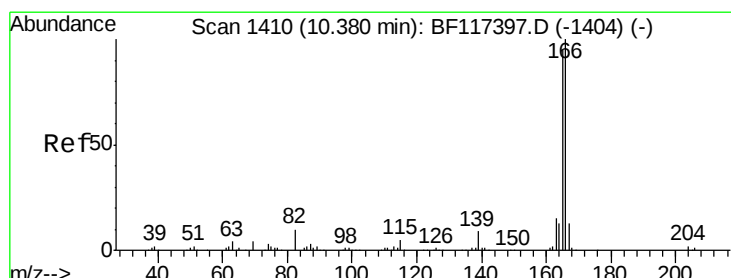
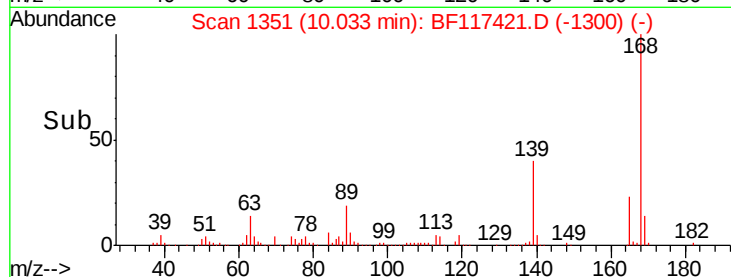
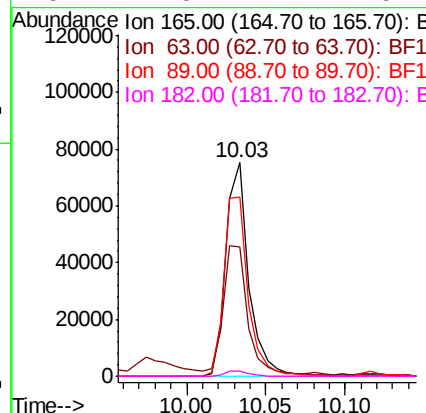
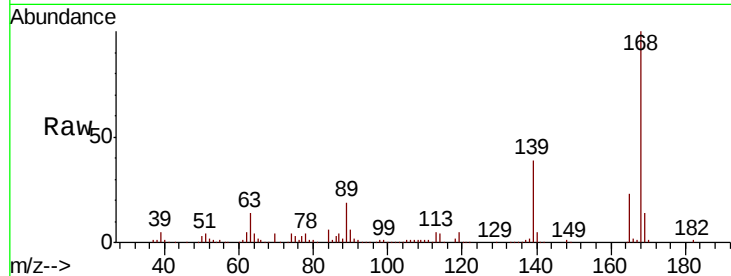
#57
2,4-Dinitrotoluene
Concen: 44.789 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.5	51.0	76.4
89	84.0	70.7	106.1
182	2.3	2.1	3.1

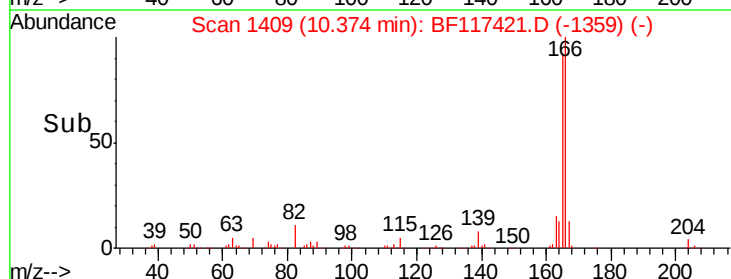
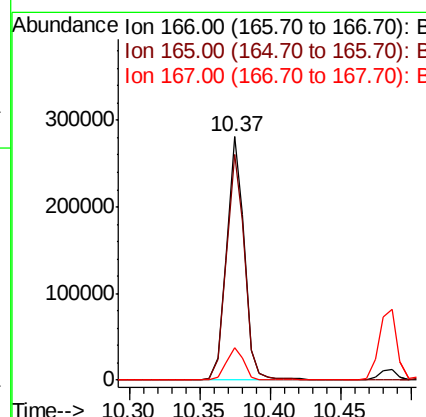
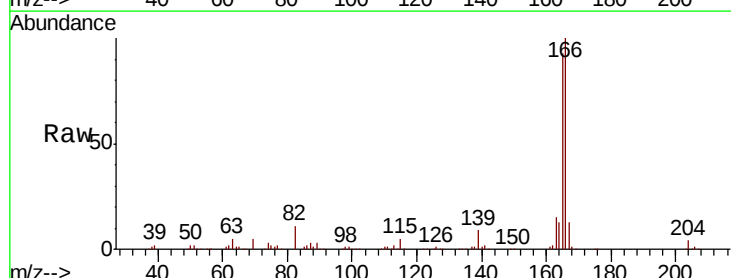
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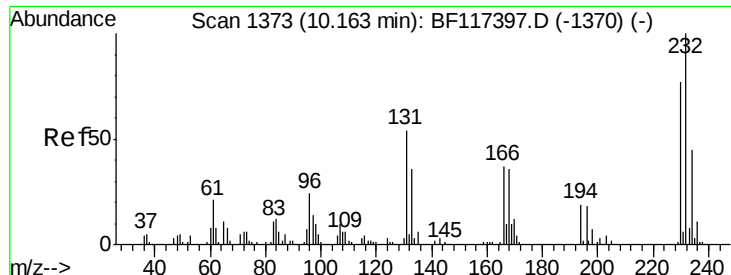
mohammad
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#58
Fluorene
Concen: 42.193 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.6	75.7	113.5
167	13.3	10.4	15.6





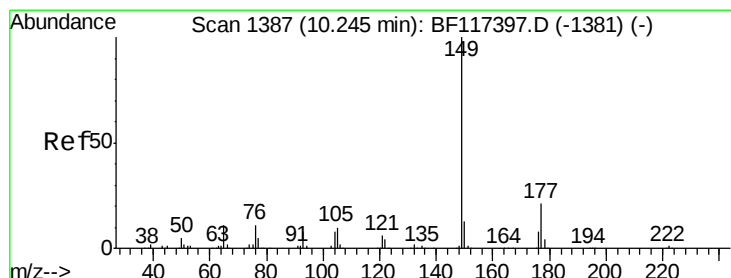
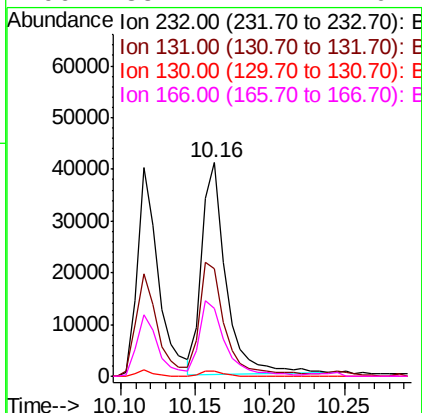
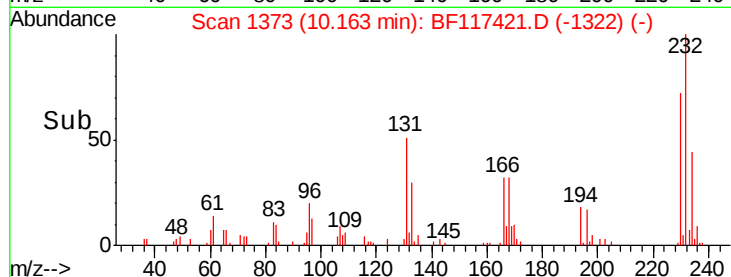
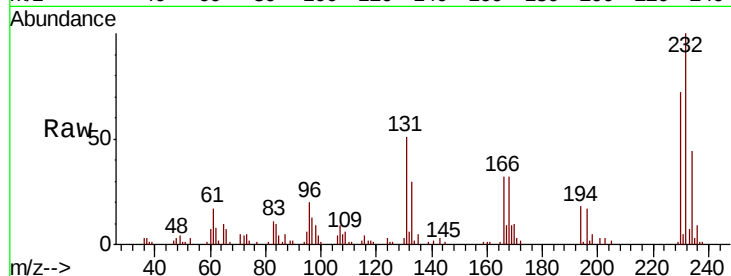
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.876 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	58.2	44.5	66.7
130	2.5	2.0	3.0
166	35.7	27.1	40.7

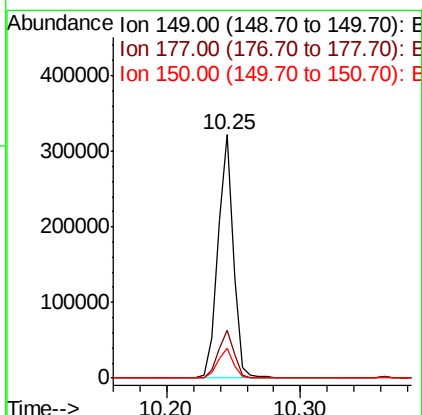
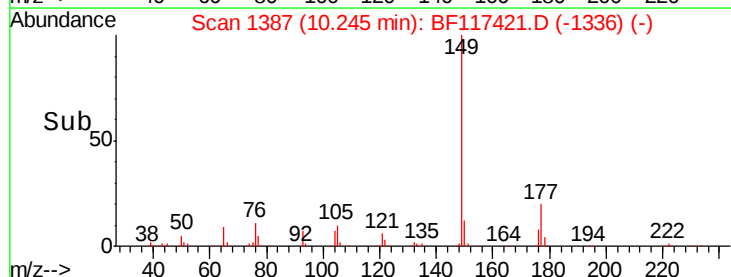
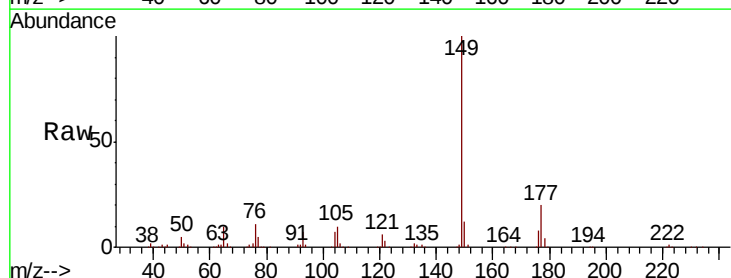
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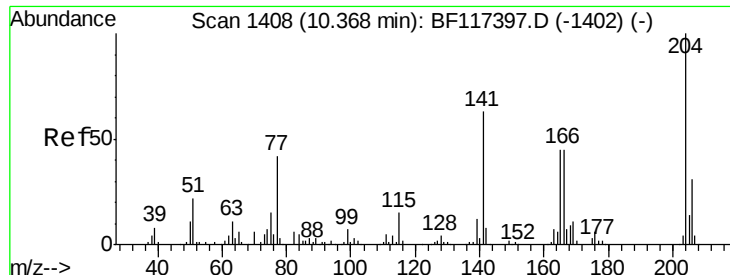
mohammad
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#60
Diethylphthalate
Concen: 43.064 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.5	16.5	24.7
150	12.4	10.1	15.1





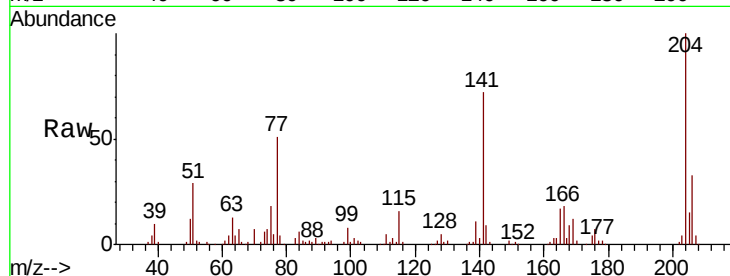
#61
4-Chlorophenyl-phenylether
Concen: 42.003 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.0	37.4
141	72.4	50.7	76.1

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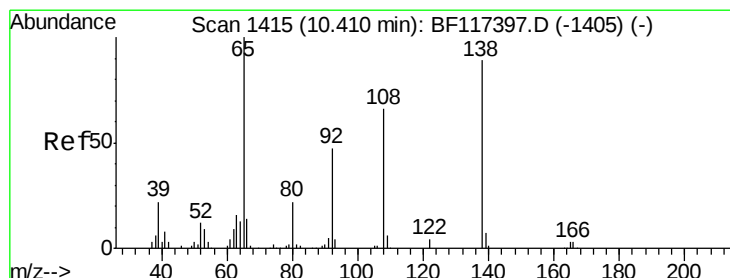
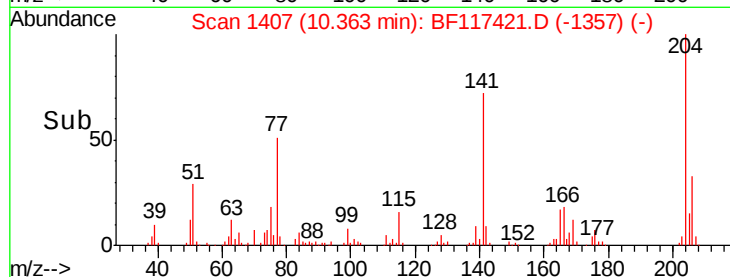
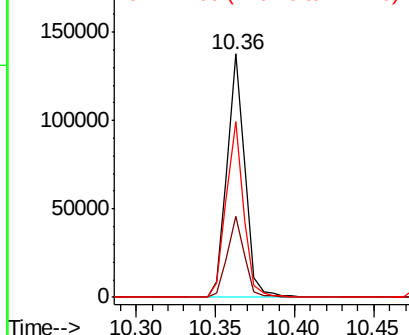


Abundance

Ion 204.00 (203.70 to 204.70): E

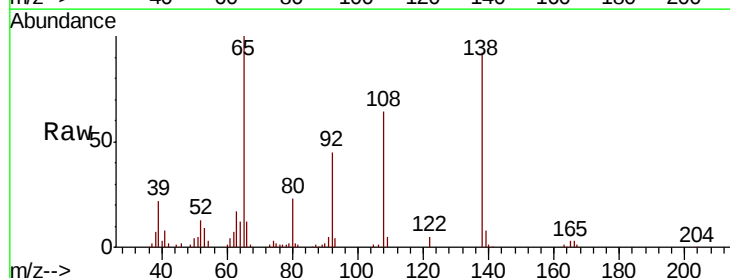
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 47.120 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	32.4	72.4
108	69.5	53.8	93.8

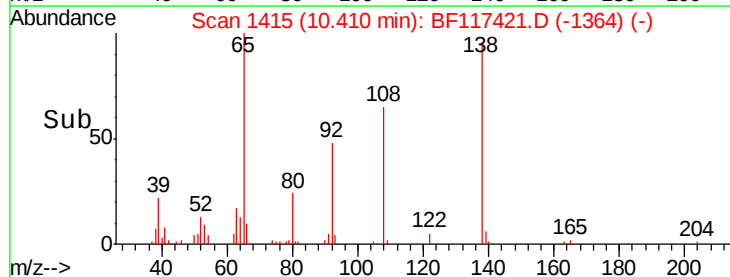
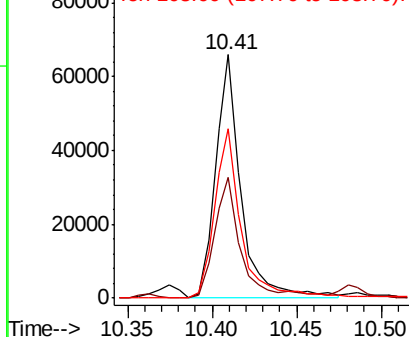


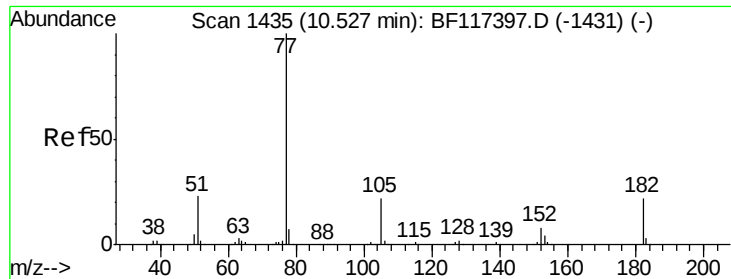
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





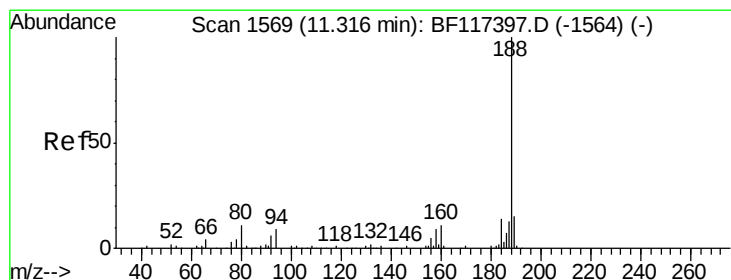
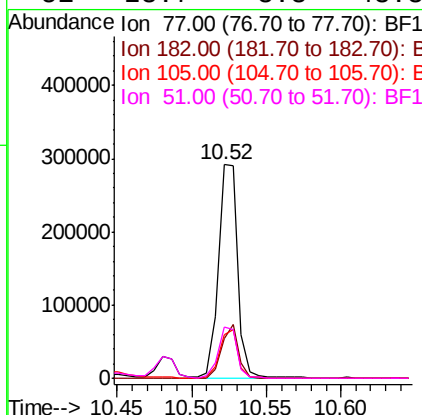
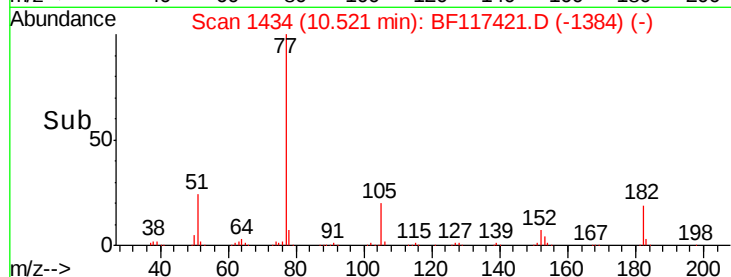
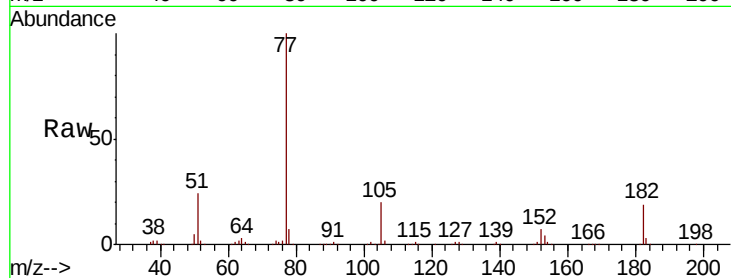
#63
Azobenzene
Concen: 41.969 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		262891		
182	18.5	1.5	41.5		
105	20.2	1.8	41.8		
51	23.7	3.3	43.3		

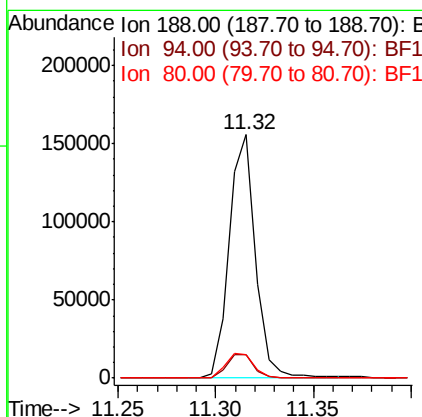
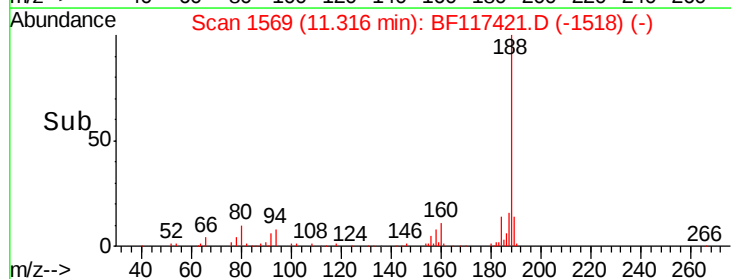
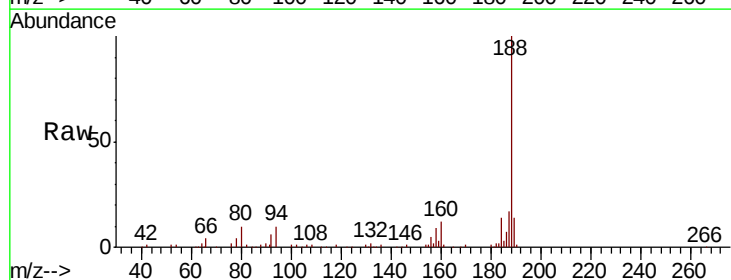
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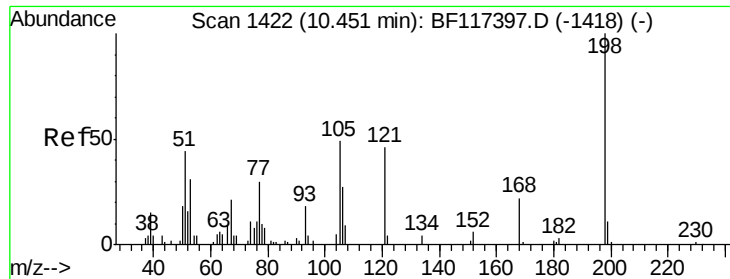
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		145033		
94	9.6	7.5	11.3		
80	9.8	8.7	13.1		





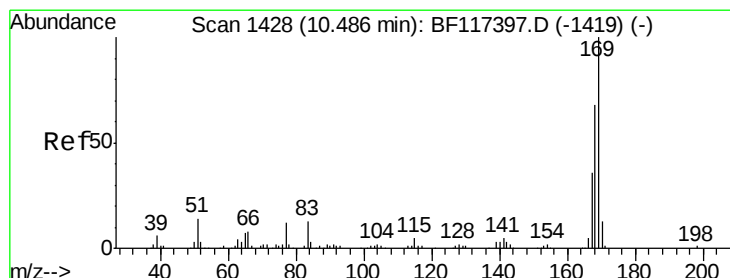
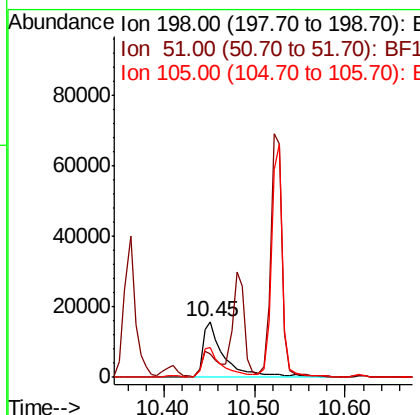
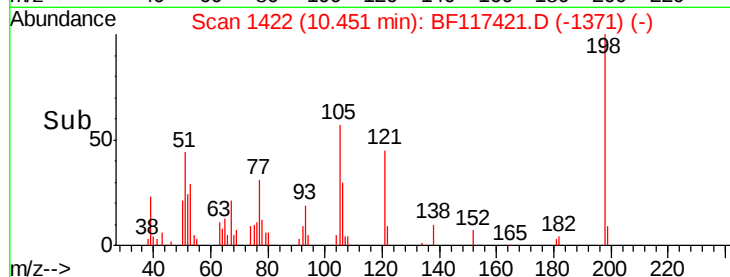
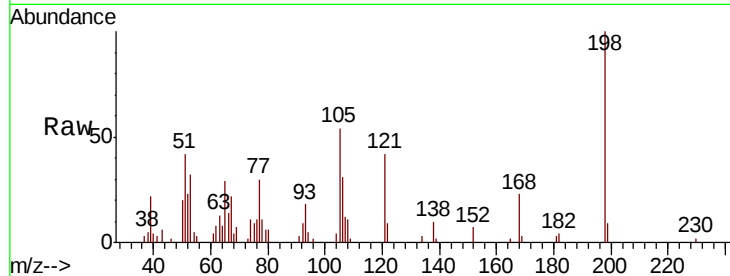
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.387 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
198	100	26220		
51	41.8	25.9	65.9	
105	53.9	29.4	69.4	

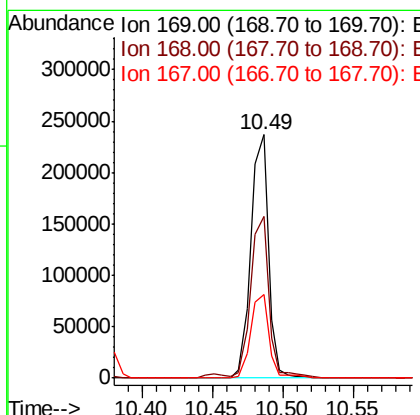
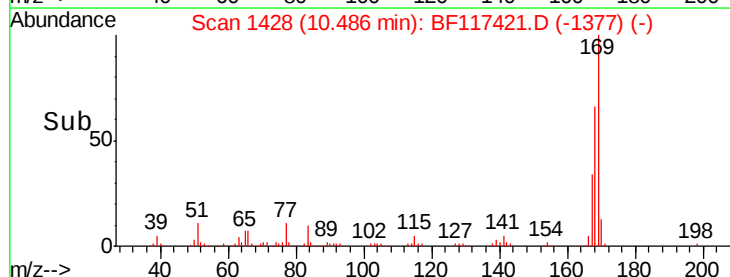
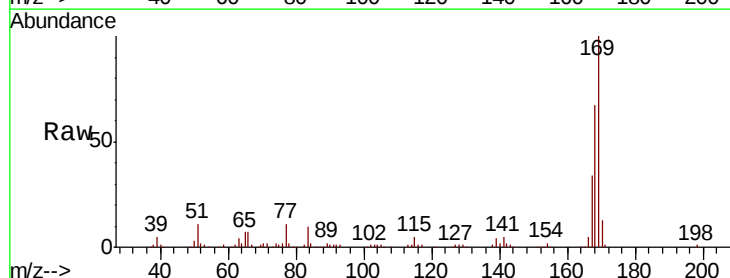
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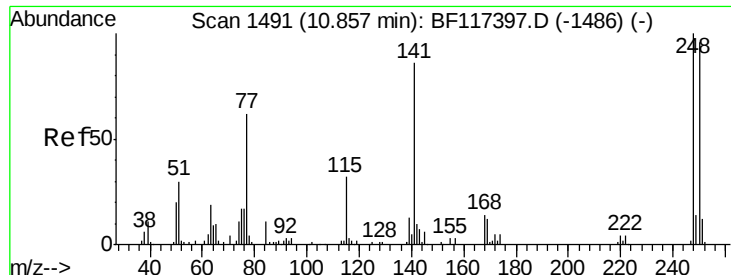
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 38.897 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	210742		
168	66.7	54.1	81.1	
167	34.4	28.8	43.2	





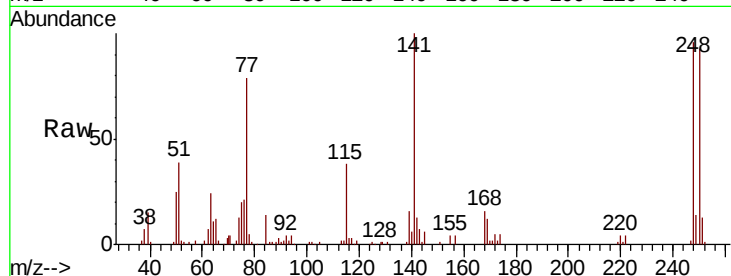
#67
4-Bromophenyl-phenylether
Concen: 38.940 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.1	115.7
141	103.9	69.1	103.7#

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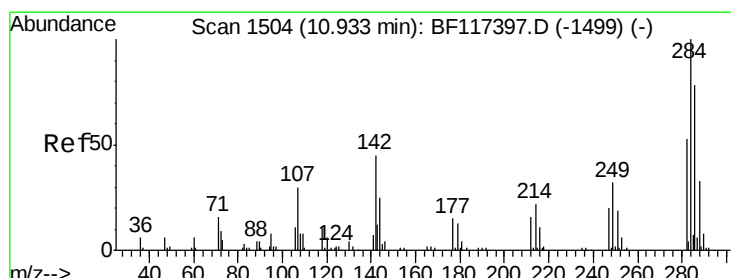
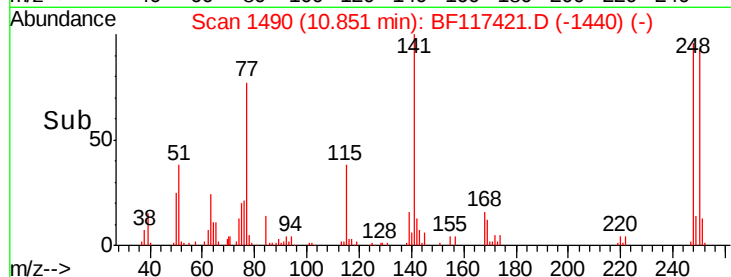
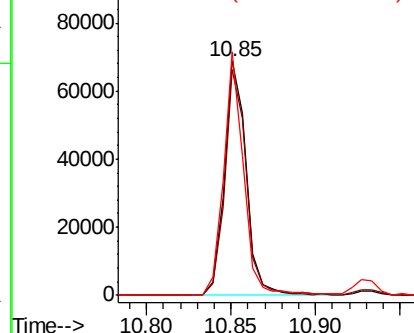


Abundance

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: 39.113 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

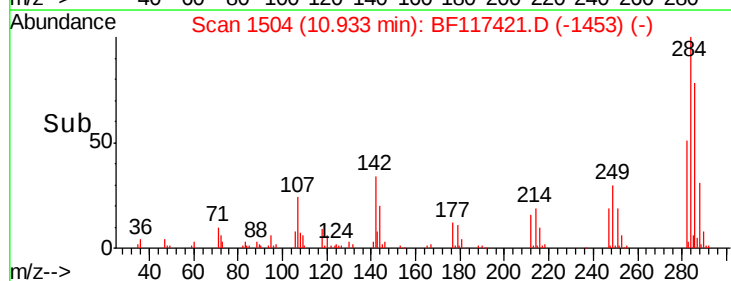
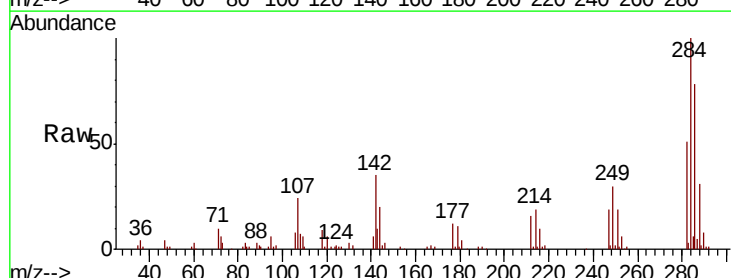
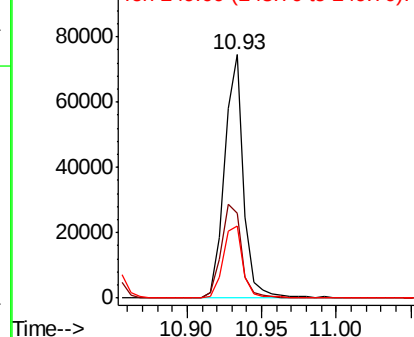
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	35.7	53.5#
249	29.7	25.8	38.6

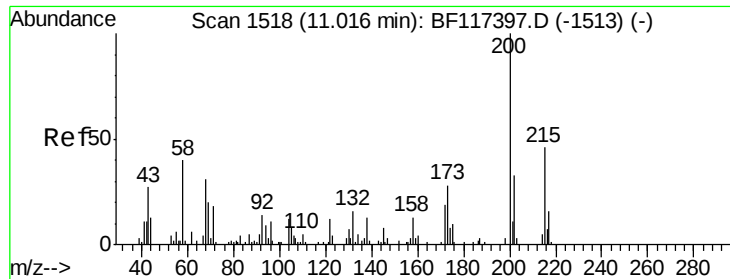
Abundance

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





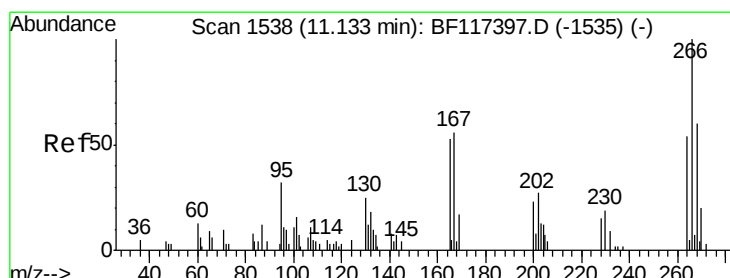
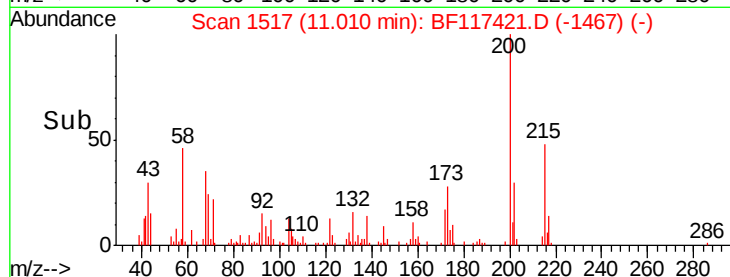
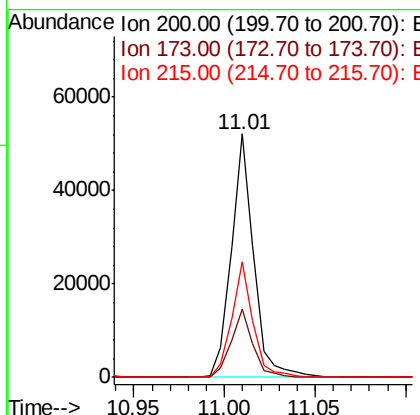
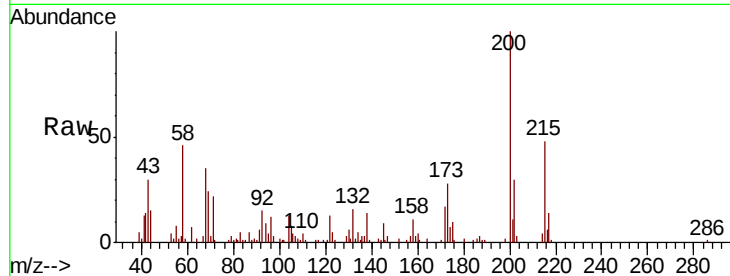
#69
Atrazine
Concen: 51.190 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.0	48.0
215	47.6	25.8	65.8

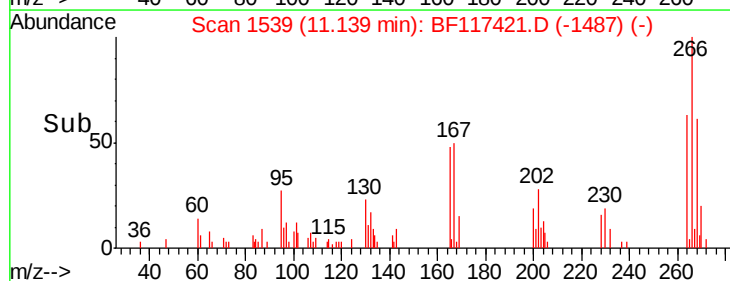
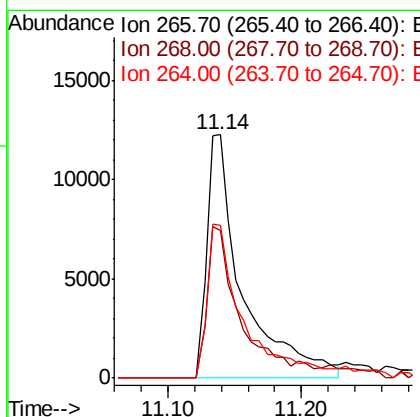
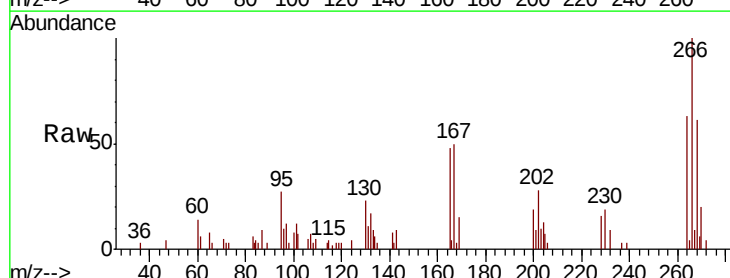
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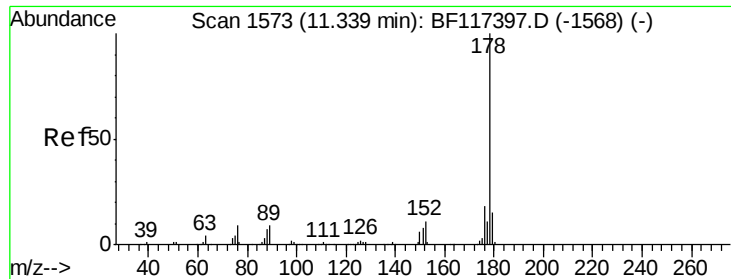
mohammad
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#70
Pentachlorophenol
Concen: 44.837 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.9	47.8	71.6
264	63.0	42.9	64.3





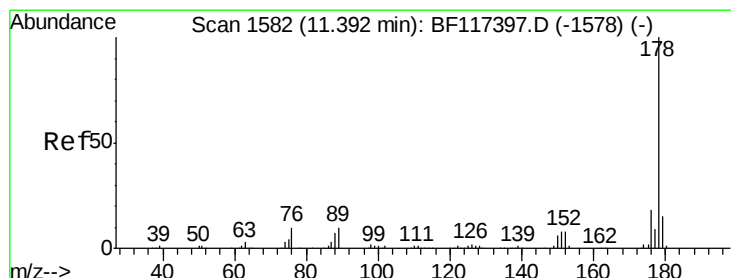
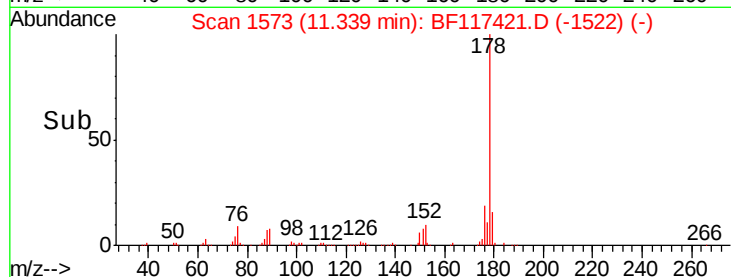
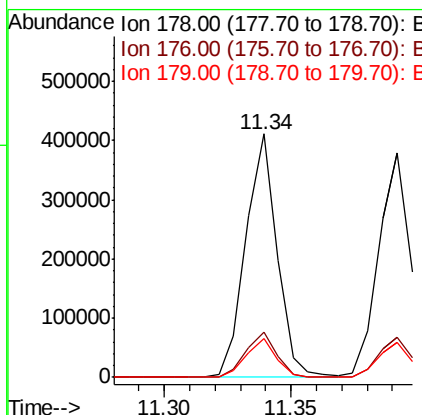
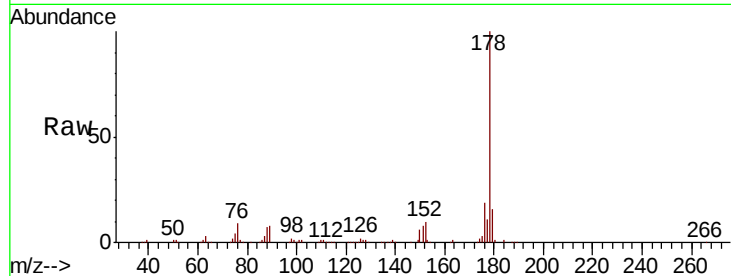
#71
Phenanthrene
Concen: 41.442 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.7	12.3	18.5

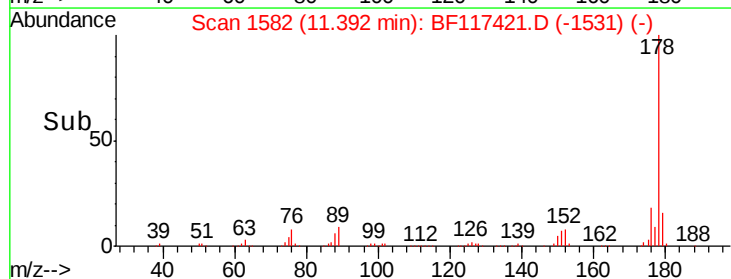
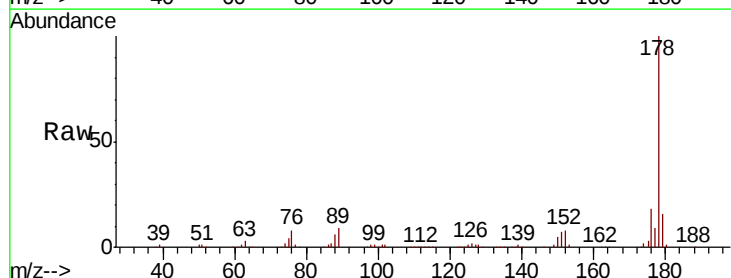
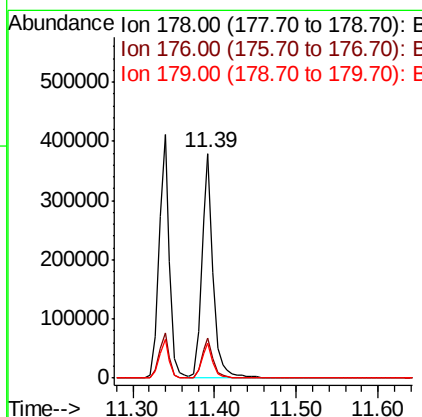
Manual Integrations
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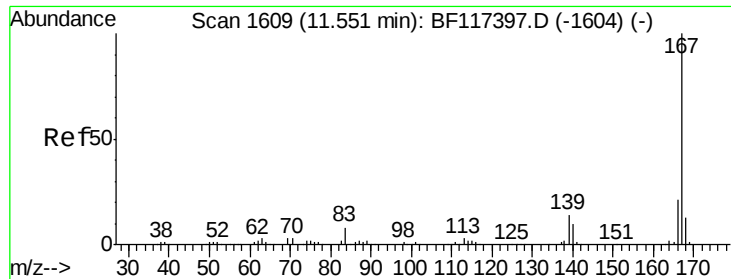
mohammad
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#72
Anthracene
Concen: 41.410 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.4	21.6
179	15.7	12.1	18.1





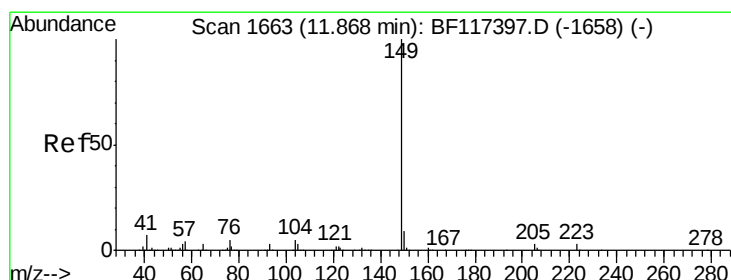
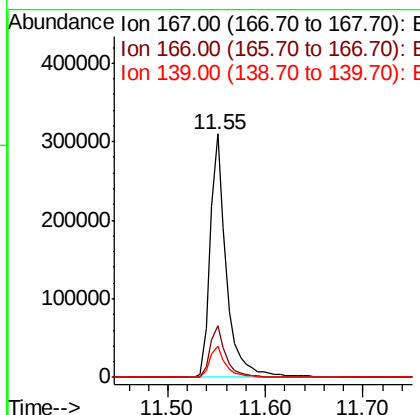
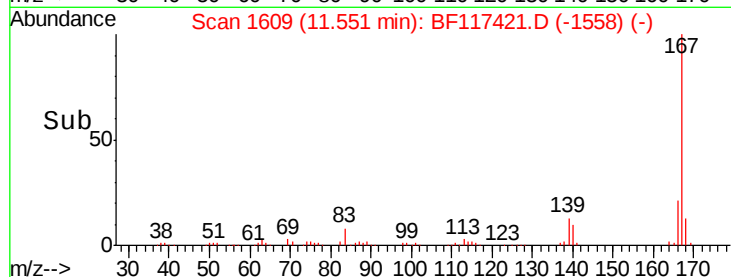
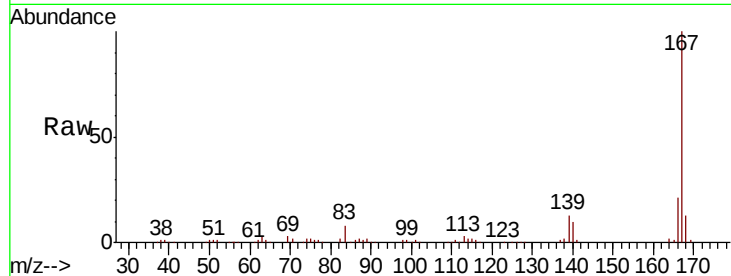
#73
 Carbazole
 Concen: 44.186 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.4	17.0	25.4	
139	12.7	10.8	16.2	

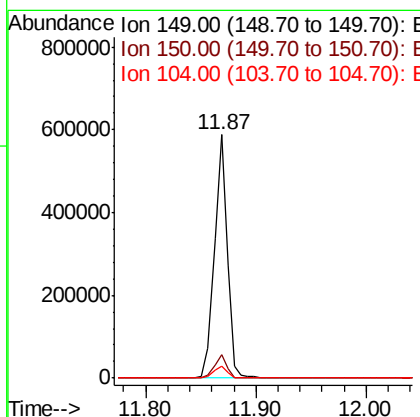
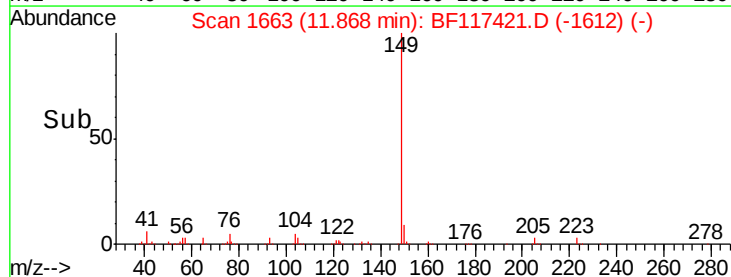
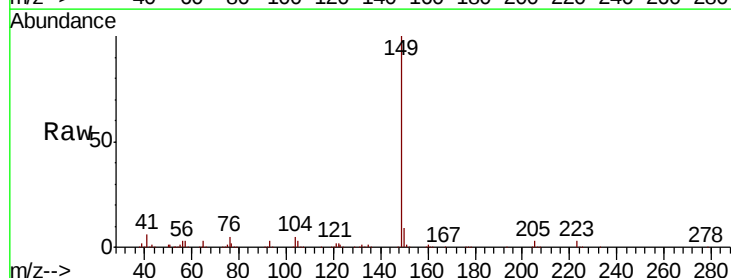
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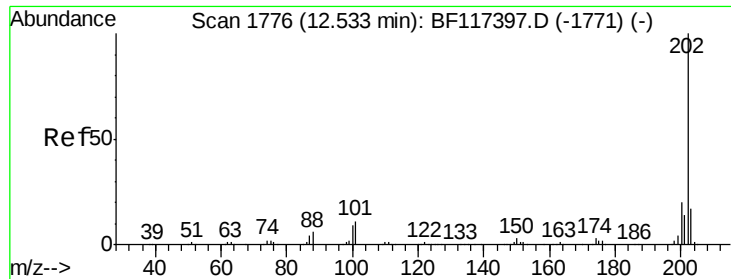
mohammad
 10/18/2019 8:26:39 AM



#74
 Di-n-butylphthalate
 Concen: 43.155 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.0	10.6	
104	4.9	4.2	6.2	





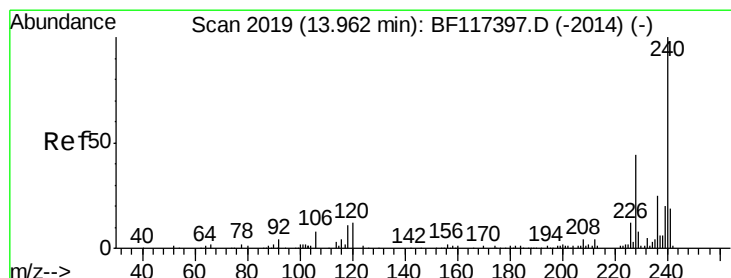
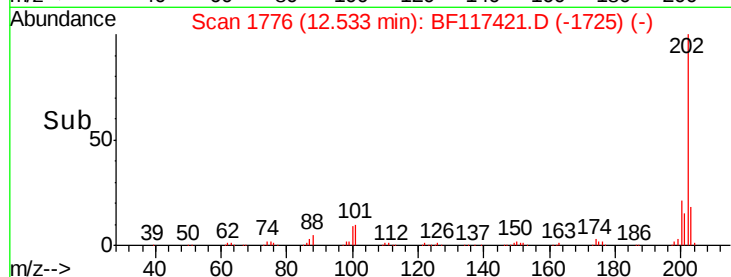
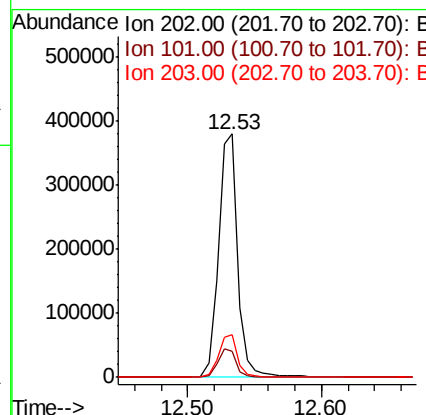
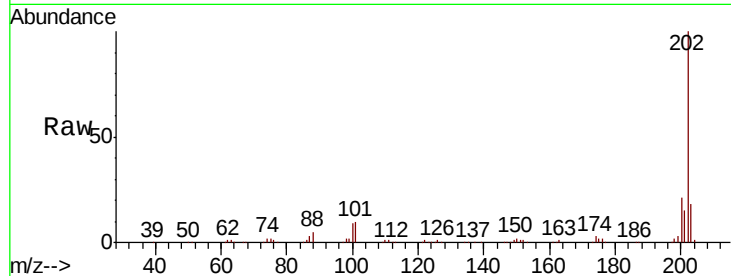
#75
 Fluoranthene
 Concen: 45.268 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
202	100	385912		
101	10.4	0.0	31.3	
203	17.6	0.0	36.9	

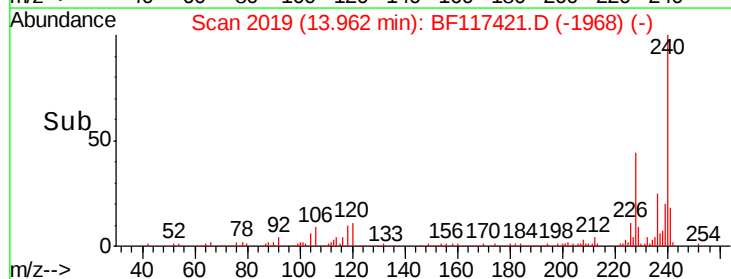
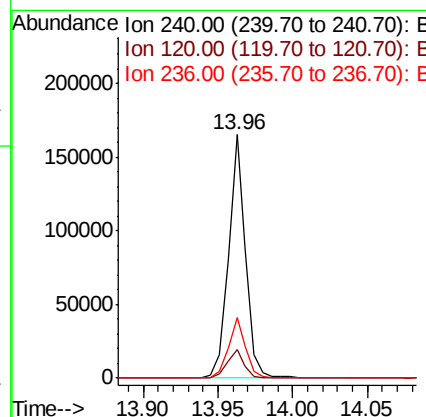
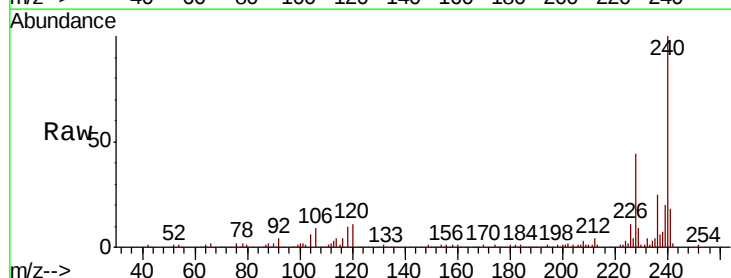
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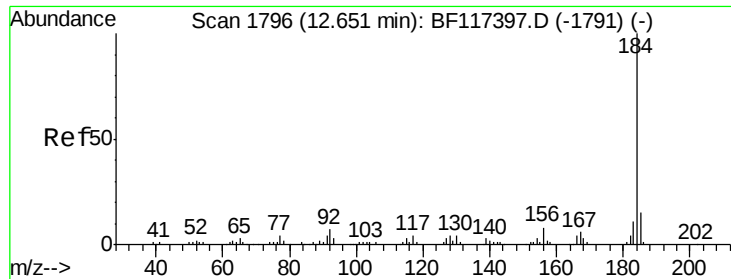
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	133075		
120	11.5	9.4	14.0	
236	25.1	19.8	29.6	





#77

Benzidine

Concen: 41.516 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

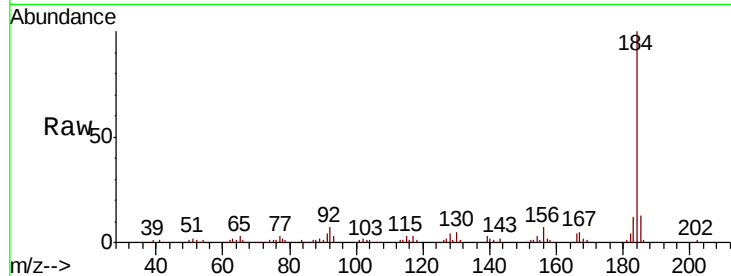
ClientSampleId :

SSTDCCC040EC

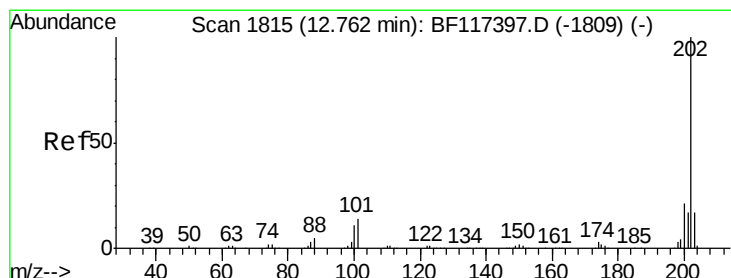
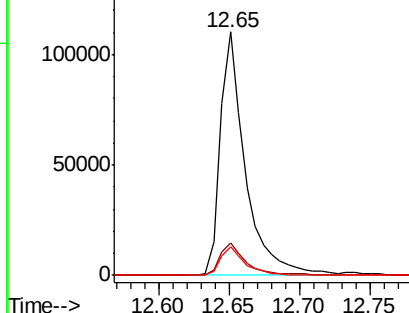
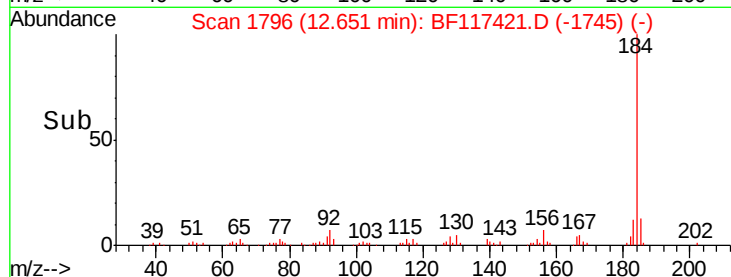
Tot Ion:	184	Resp:	136639
Ion Ratio	Lower	Upper	
184	100		
185	13.4	12.2	18.2
183	11.7	8.9	13.3

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Abundance Ion 184.00 (183.70 to 184.70): E
150000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.007 ng

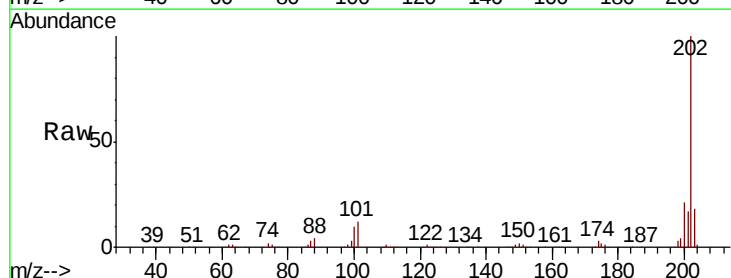
RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

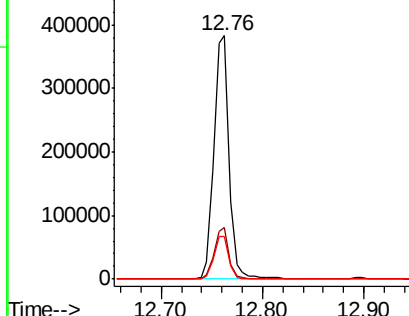
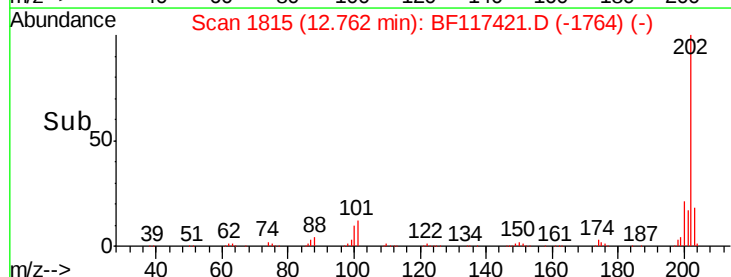
Lab File: BF117421.D

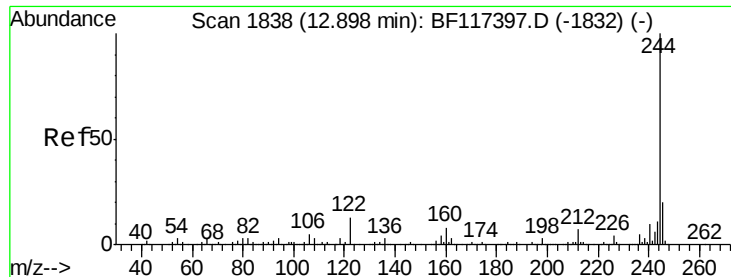
Acq: 16 Oct 2019 18:39

Tgt Ion:	202	Resp:	400026
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.8	25.2
203	17.7	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





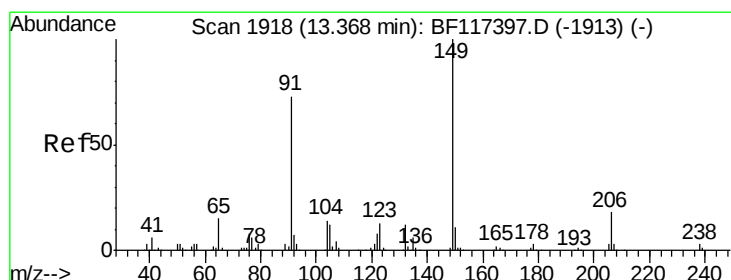
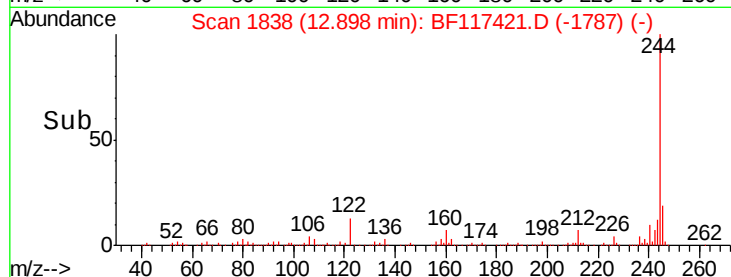
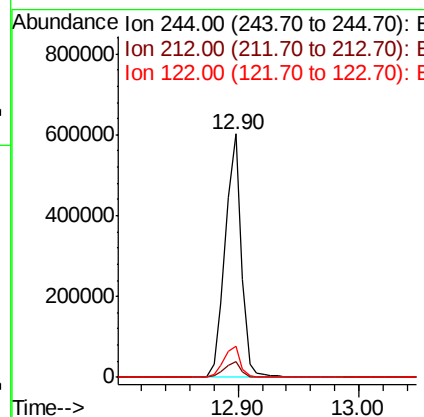
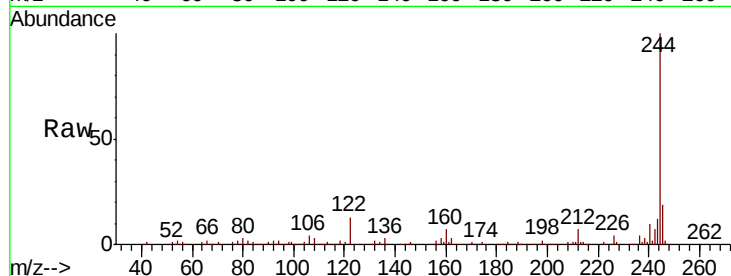
#79
Terphenyl-d14
Concen: 68.283 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	12.6	10.7	16.1

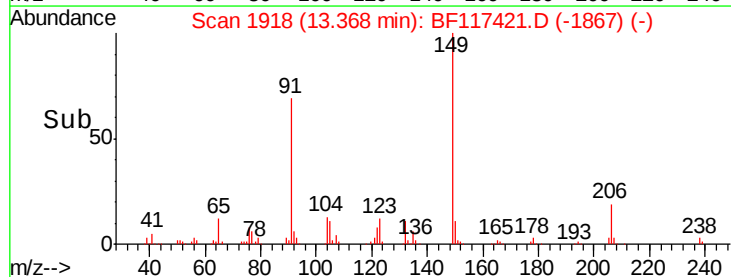
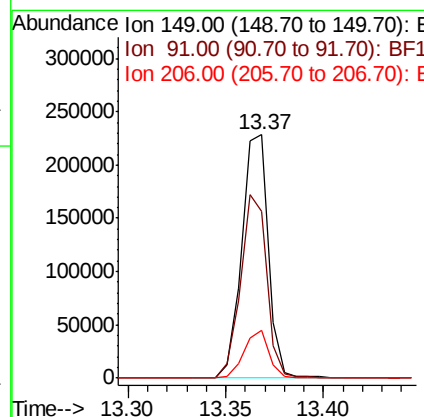
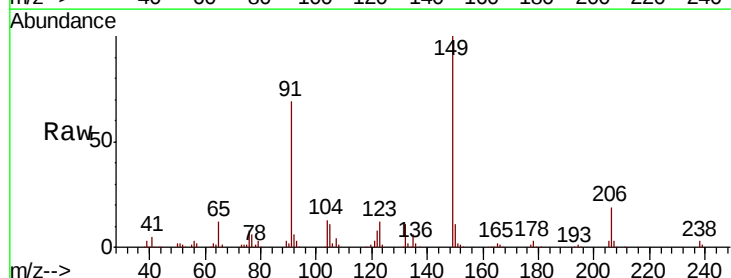
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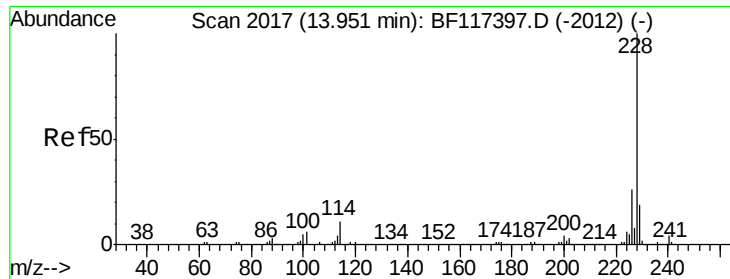
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#80
Butylbenzylphthalate
Concen: 36.563 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.6	58.5	87.7
206	19.5	14.4	21.6





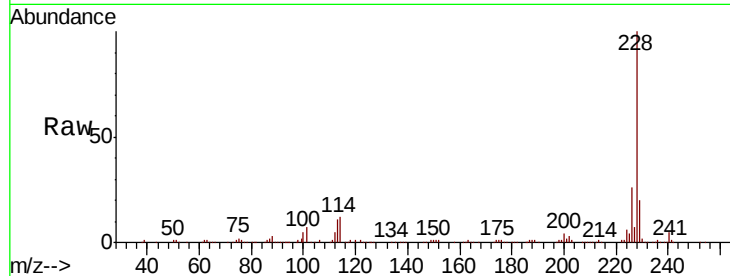
#81
Benzo(a)anthracene
Concen: 39.762 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.9	31.3
229	19.9	15.2	22.8

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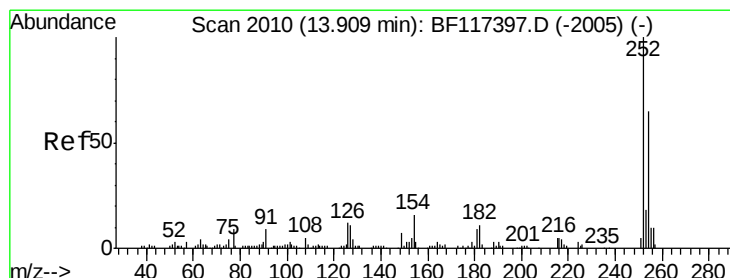
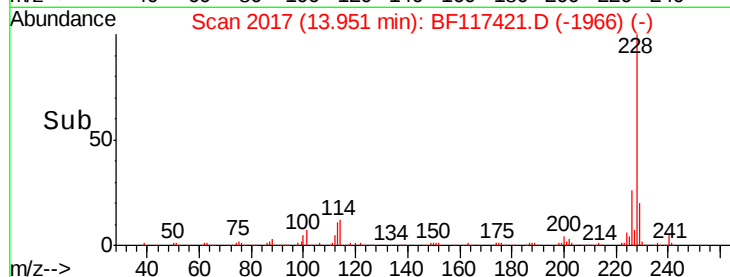
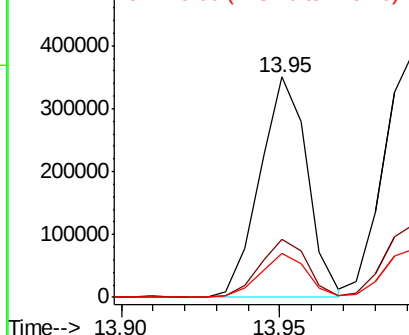


Abundance

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: 42.157 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

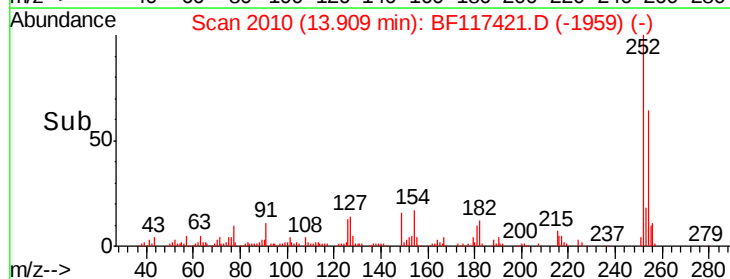
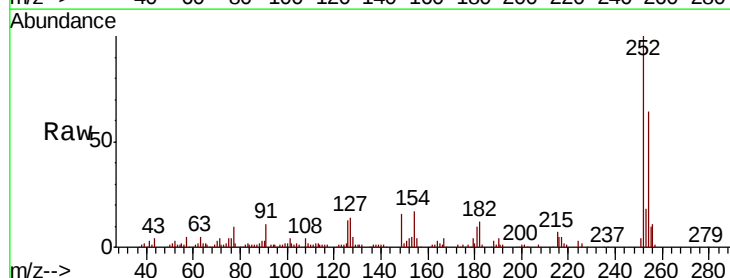
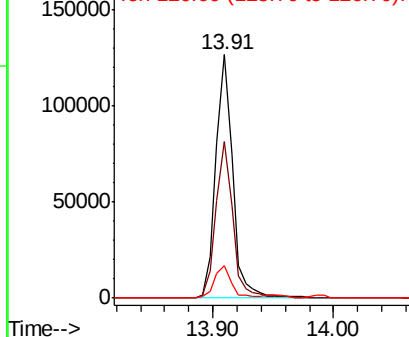
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.6	77.4
126	13.4	9.6	14.4

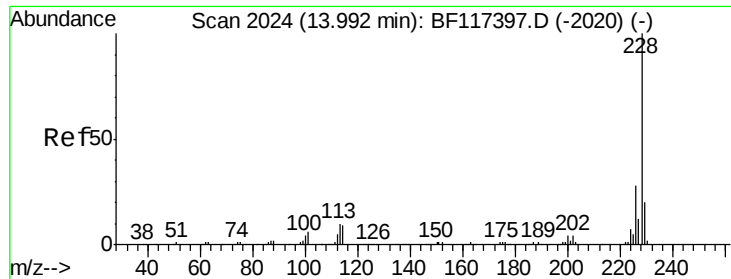
Abundance

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: 39.611 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

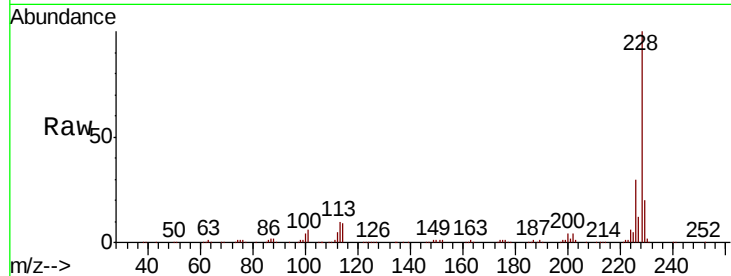
ClientSampleId :

SSTDCCC040EC

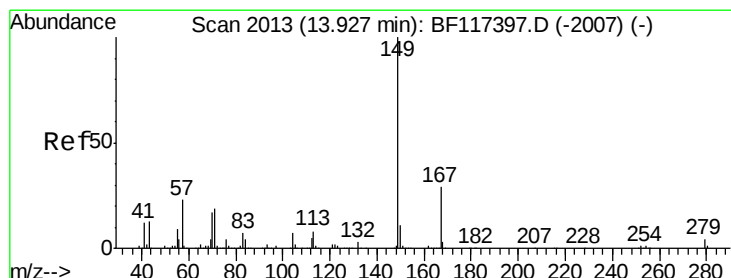
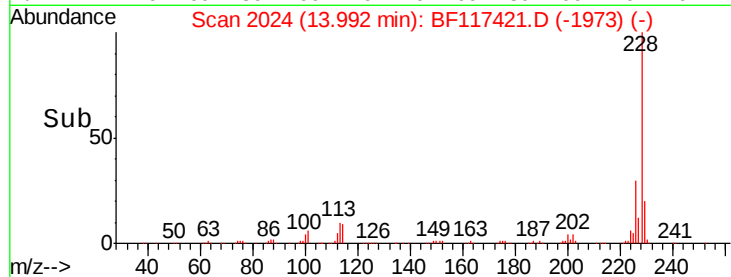
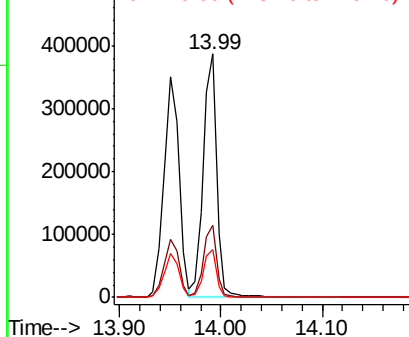
Tot Ion:	228	Resp:	356678
Ion Ratio	Lower	Upper	
228	100		
226	29.7	22.8	34.2
229	19.5	15.7	23.5

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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: 38.182 ng

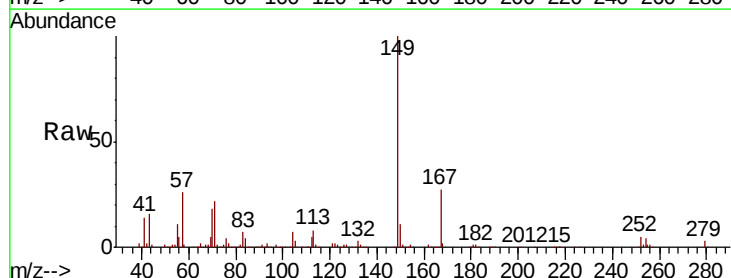
RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

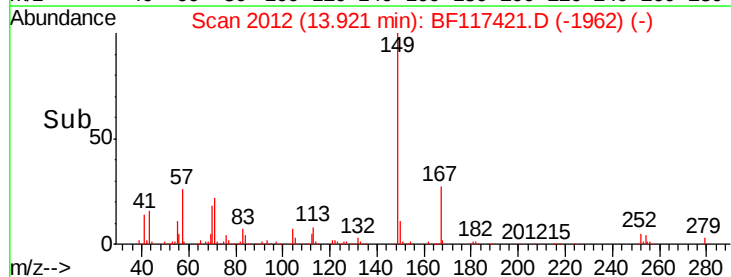
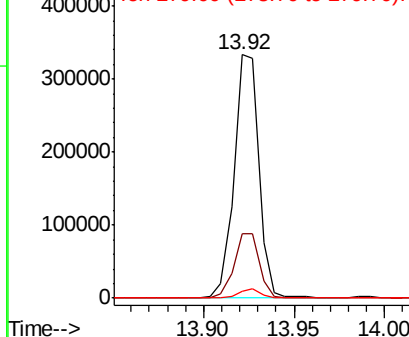
Lab File: BF117421.D

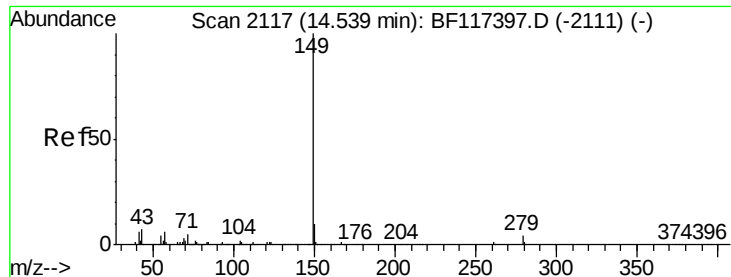
Acq: 16 Oct 2019 18:39

Tgt Ion:	149	Resp:	318437
Ion Ratio	Lower	Upper	
149	100		
167	26.6	23.0	34.6
279	3.0	3.0	4.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.519 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

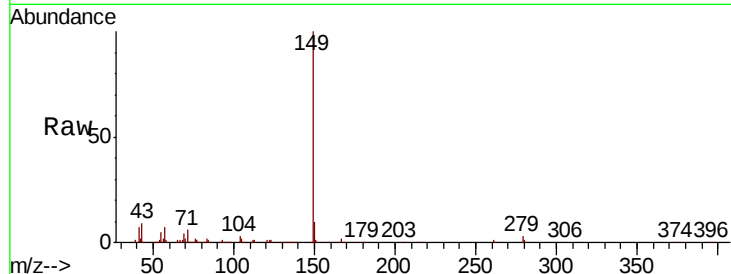
ClientSampleId :

SSTDCCC040EC

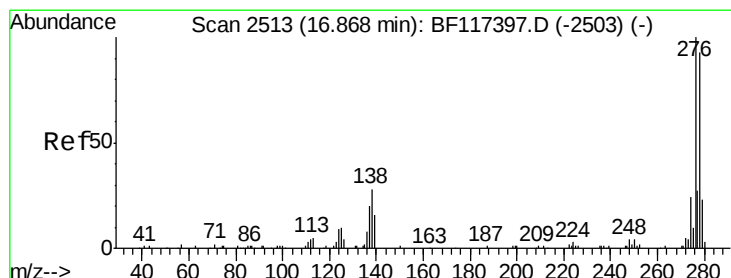
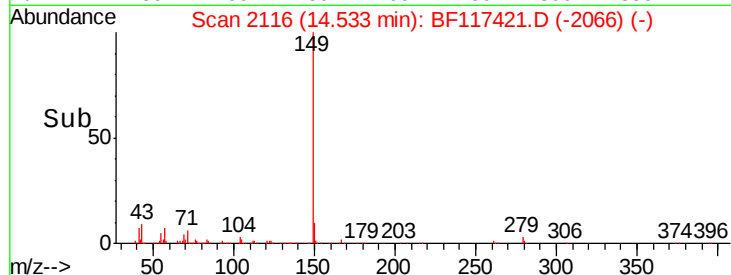
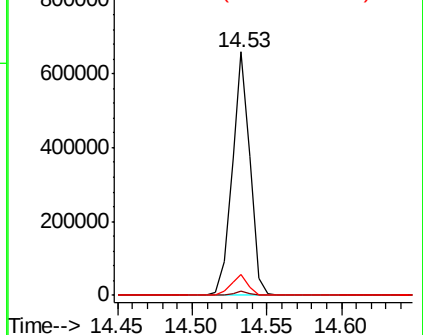
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	8.4	6.6	9.8	

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.589 ng

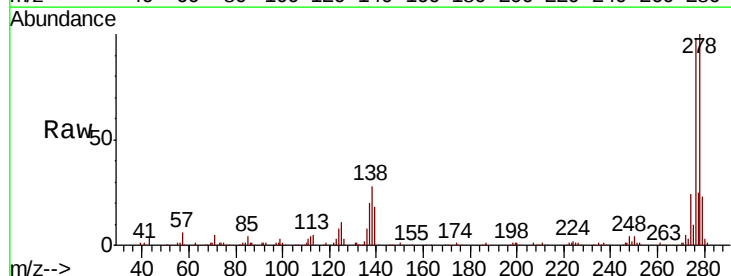
RT: 16.87 min Scan# 2514

Delta R.T. 0.01 min

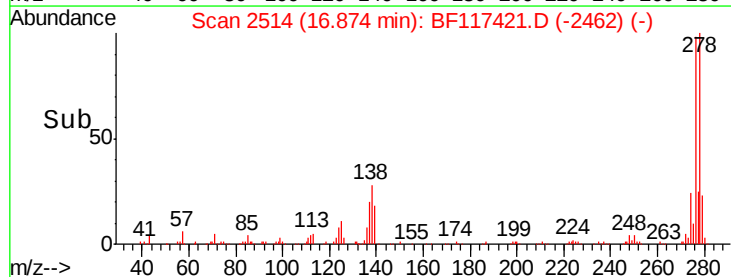
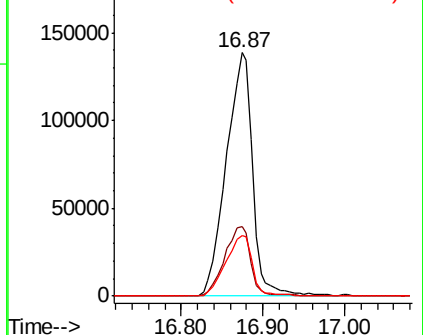
Lab File: BF117421.D

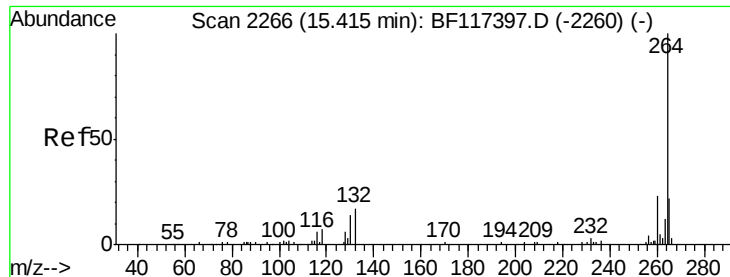
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	28.3	21.5	32.3	
277	25.2	20.1	30.1	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





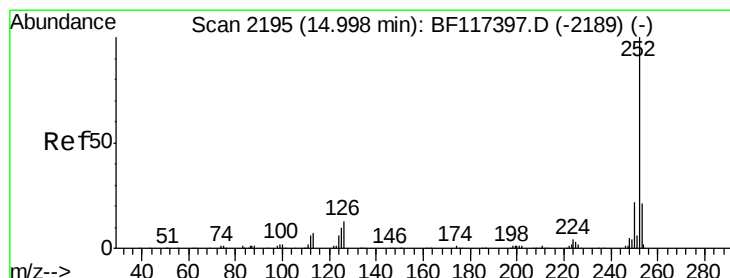
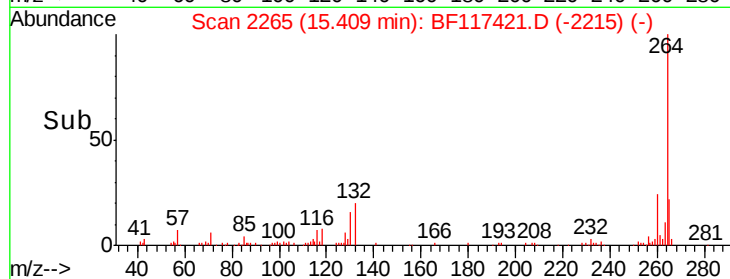
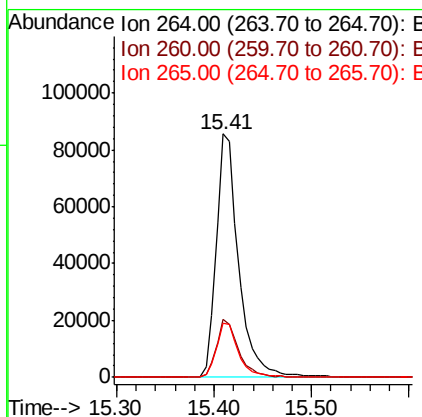
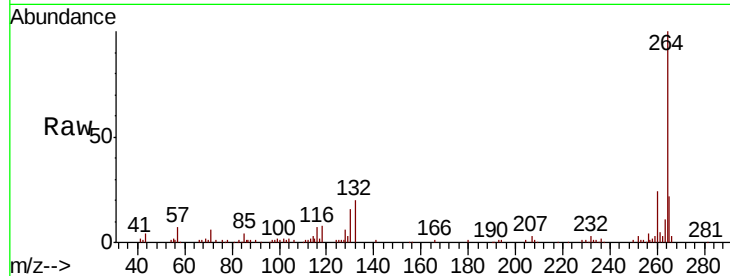
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.1	17.4	26.0

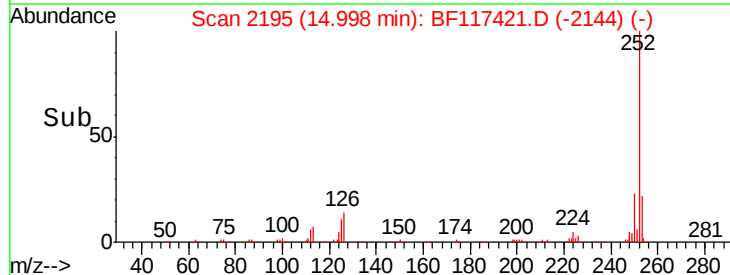
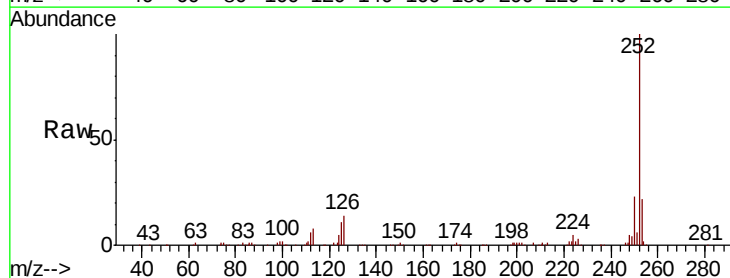
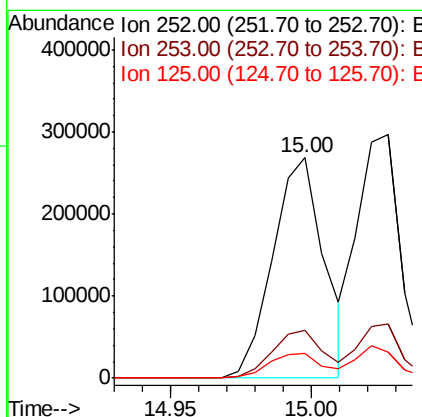
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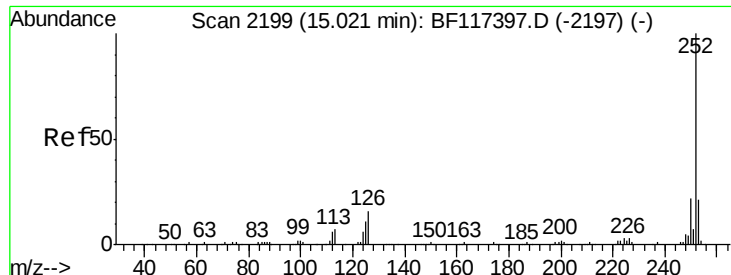
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#88
Benzo(b)fluoranthene
Concen: 39.846 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.4	8.2	12.2





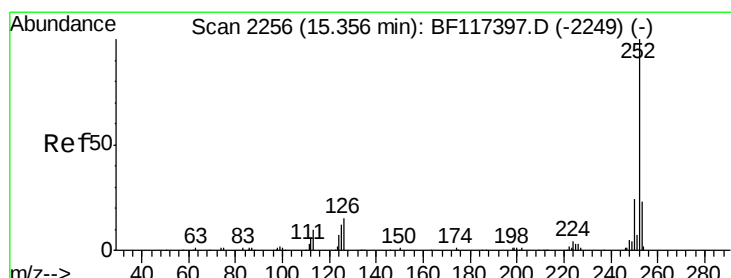
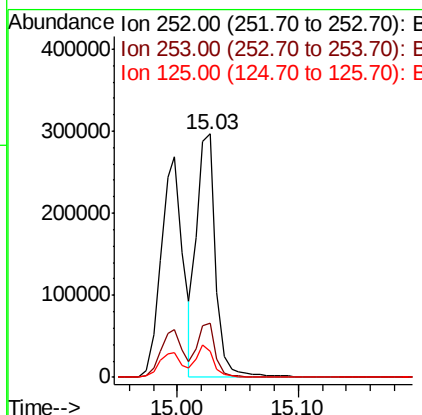
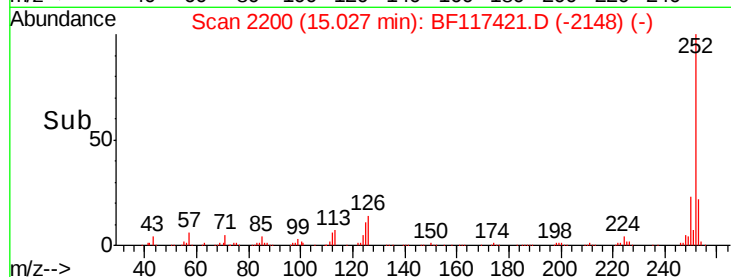
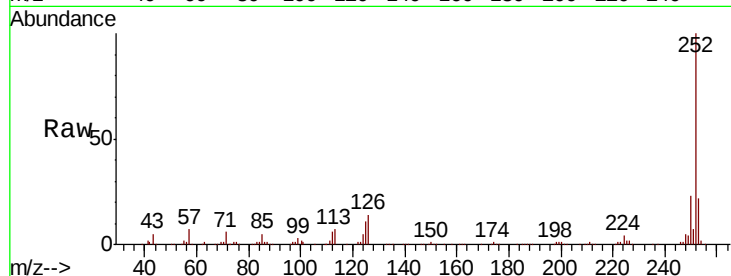
#89
Benzo(k)fluoranthene
Concen: 38.350 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	10.8	9.4	14.2

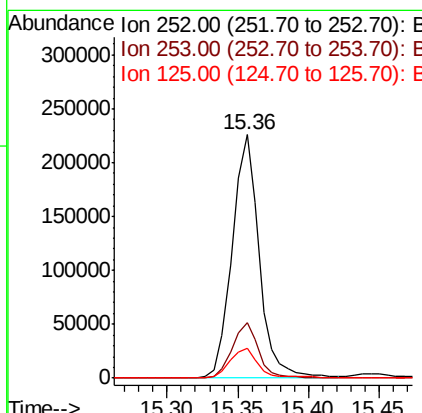
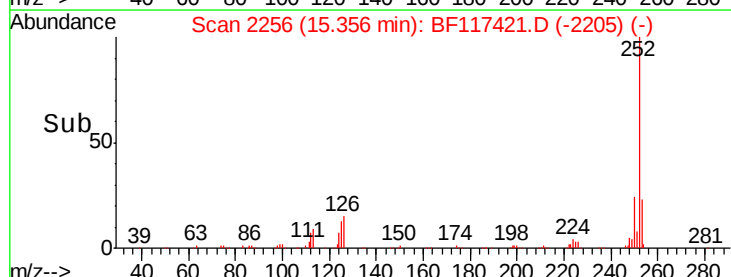
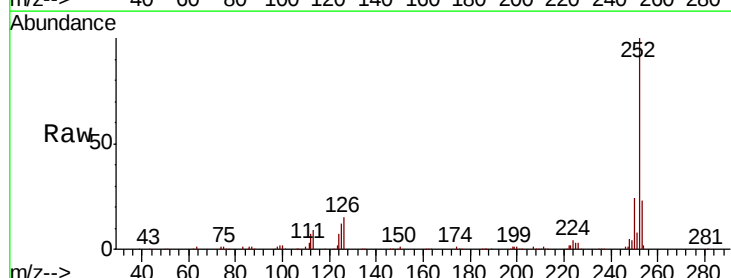
Manual Integrations
APPROVED

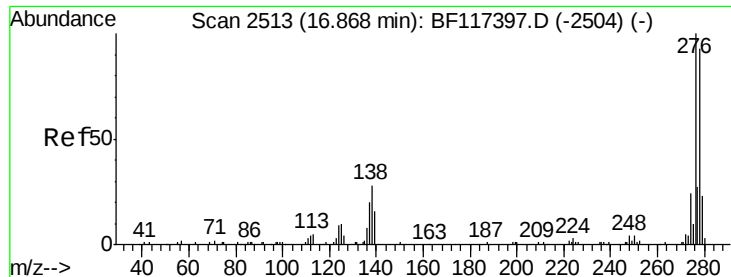
mohammad
10/18/2019 8:26:39 AM



#90
Benzo(a)pyrene
Concen: 40.192 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	12.5	9.4	14.0





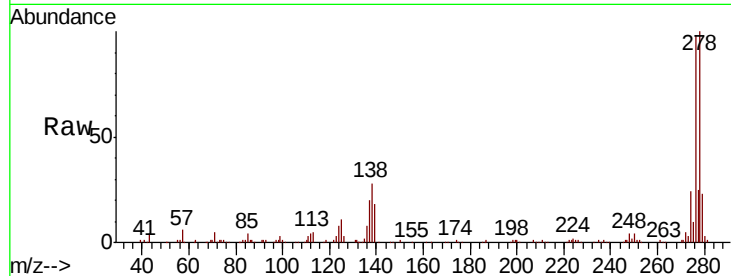
#91
Dibenzo(a,h)anthracene
Concen: 41.819 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

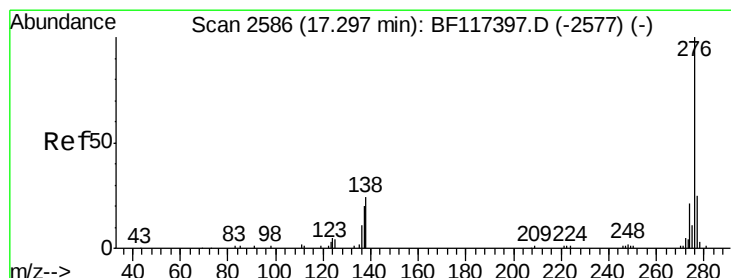
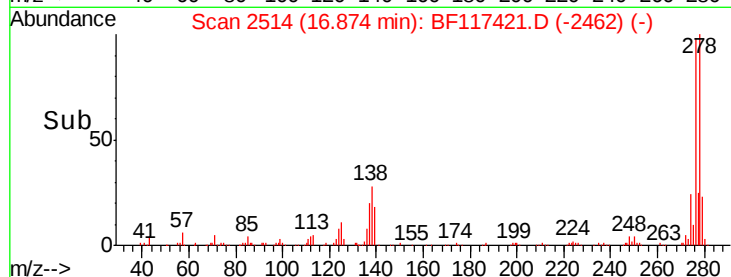
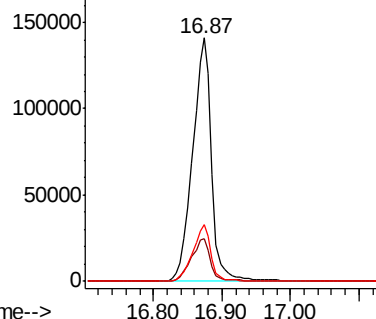
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	23.5	19.8	29.6

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:39 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.041 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.5	19.9	29.9
138	21.7	19.3	28.9

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

