

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117443.D
 Acq On : 18 Oct 2019 16:33
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
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mohammad
 10/20/2019 8:04:33 PM

Quant Time: Oct 18 18:34:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45803	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	196373	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	100998	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	160878	20.00	ng	0.00
76) Chrysene-d12	13.90	240	112417	20.00	ng	0.00
87) Perylene-d12	15.32	264	97643	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	311730	104.72	ng	0.00
7) Phenol-d6	6.39	99	418541	105.97	ng	0.00
23) Nitrobenzene-d5	7.31	82	397656	102.65	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	88182	107.28	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	707069	102.06	ng	0.00
79) Terphenyl-d14	12.84	244	665020	96.43	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.40	88	64766	52.849	ng	98
3) Pyridine	3.12	79	160804	51.560	ng	99
4) n-Nitrosodimethylamine	3.07	42	60762	55.287	ng	97
6) Aniline	6.40	93	247781	50.218	ng	# 89
8) 2-Chlorophenol	6.53	128	164772	49.786	ng	95
9) Benzaldehyde	6.29	77	95000	49.330	ng	92
10) Phenol	6.40	94	213949	50.175	ng	91
11) bis(2-Chloroethyl)ether	6.47	93	164270	50.670	ng	98
12) 1,3-Dichlorobenzene	6.67	146	184470	49.841	ng	98
13) 1,4-Dichlorobenzene	6.75	146	188745	50.027	ng	99
14) 1,2-Dichlorobenzene	6.91	146	174990	49.105	ng	96
15) Benzyl Alcohol	6.89	79	152021	50.307	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	169985	49.935	ng	98
17) 2-Methylphenol	7.00	107	134587	48.711	ng	98
18) Hexachloroethane	7.24	117	71928	49.035	ng	90
19) n-Nitroso-di-n-propylamine	7.16	70	127968	50.814	ng	97
20) 3+4-Methylphenols	7.16	107	180587	50.761	ng	# 89
22) Acetophenone	7.16	105	262379	50.918	ng	98
24) Nitrobenzene	7.33	77	192398	49.579	ng	95
25) Isophorone	7.56	82	342173	49.583	ng	97
26) 2-Nitrophenol	7.64	139	85665	49.755	ng	97
27) 2,4-Dimethylphenol	7.68	122	126747	48.437	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	211563	49.453	ng	97
29) 2,4-Dichlorophenol	7.89	162	134386	49.772	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	143200	49.198	ng	100
31) Naphthalene	8.04	128	486943	49.653	ng	100
32) Benzoic acid	7.85	122	92744	56.918	ng	97
33) 4-Chloroaniline	8.10	127	202689	48.666	ng	97
34) Hexachlorobutadiene	8.16	225	84228	50.526	ng	99
35) Caprolactam	8.48	113	43819m	51.824	ng	
36) 4-Chloro-3-methylphenol	8.59	107	153869	50.083	ng	98
37) 2-Methylnaphthalene	8.73	142	323554	48.859	ng	100
38) 1-Methylnaphthalene	8.83	142	309061	49.534	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	137773	50.685	ng	100

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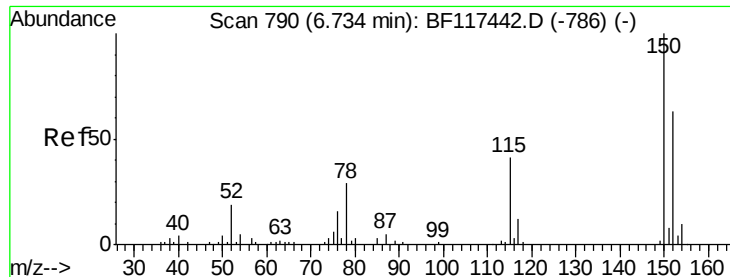
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	29128	57.386	nq	95
43) 2,4,6-Trichlorophenol	9.02	196	85521	49.715	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	85429	48.687	nq	96
46) 1,1'-Biphenyl	9.19	154	413455	50.110	nq	98
47) 2-Chloronaphthalene	9.22	162	313580	48.754	nq	97
48) 2-Nitroaniline	9.32	65	103317	50.345	nq	92
49) Acenaphthylene	9.63	152	455137	48.270	nq	99
50) Dimethylphthalate	9.50	163	355175	48.966	nq	99
51) 2,6-Dinitrotoluene	9.56	165	74429	48.818	nq	91
52) Acenaphthene	9.80	154	278200	48.556	nq	98
53) 3-Nitroaniline	9.74	138	89522	48.084	nq	91
54) 2,4-Dinitrophenol	9.86	184	28342	48.519	nq	99
55) Dibenzofuran	9.97	168	409172	48.956	nq	99
56) 4-Nitrophenol	9.91	139	40612	54.812	nq	88
57) 2,4-Dinitrotoluene	9.97	165	99384	49.403	nq	93
58) Fluorene	10.32	166	338754	48.678	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	68466	50.473	nq	95
60) Diethylphthalate	10.19	149	359300	49.142	nq	98
61) 4-Chlorophenyl-phenylether	10.31	204	152627	49.537	nq	89
62) 4-Nitroaniline	10.36	138	85454	48.286	nq	97
63) Azobenzene	10.47	77	374743	49.952	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	42498	52.587	nq	89
66) n-Nitrosodiphenylamine	10.43	169	289334	48.143	nq	98
67) 4-Bromophenyl-phenylether	10.80	248	86168	48.832	nq	# 89
68) Hexachlorobenzene	10.87	284	92777	48.958	nq	# 85
69) Atrazine	10.96	200	65366	67.074	nq	98
70) Pentachlorophenol	11.07	266	28492	50.257	nq	93
71) Phenanthrene	11.28	178	460015	48.371	nq	98
72) Anthracene	11.33	178	467764	47.646	nq	100
73) Carbazole	11.49	167	432471	48.495	nq	100
74) Di-n-butylphthalate	11.82	149	580368	48.061	nq	98
75) Fluoranthene	12.47	202	470252	49.728	nq	96
77) Benzidine	12.59	184	143149	51.486	nq	97
78) Pyrene	12.70	202	470320	47.330	nq	99
80) Butylbenzylphthalate	13.30	149	234618	46.954	nq	99
81) Benzo(a)anthracene	13.89	228	369911	47.957	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	115100	47.196	nq	# 97
83) Chrysene	13.92	228	364002	47.853	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	330186	46.866	nq	97
85) Di-n-octyl phthalate	14.47	149	508542	47.412	nq	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	268915	50.560	nq	100
88) Benzo(b)fluoranthene	14.92	252	277557	45.660	nq	99
89) Benzo(k)fluoranthene	14.94	252	297762	49.290	nq	99
90) Benzo(a)pyrene	15.27	252	258336	47.993	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	225051	48.792	nq	98
92) Benzo(g,h,i)perylene	17.15	276	213352	48.594	nq	99

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



#1

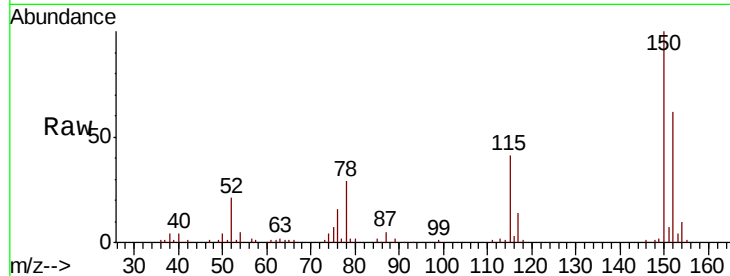
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	126.8	190.2
115	66.5	51.6	77.4

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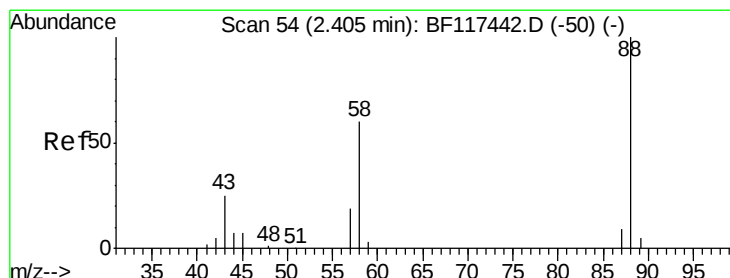
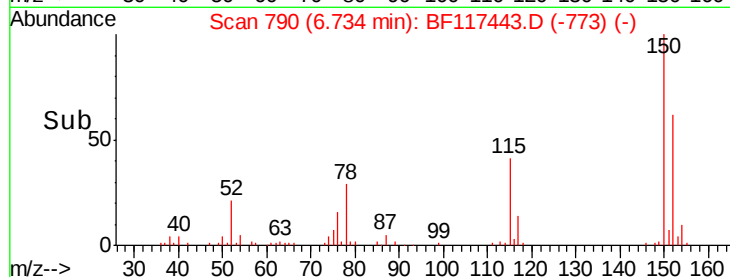
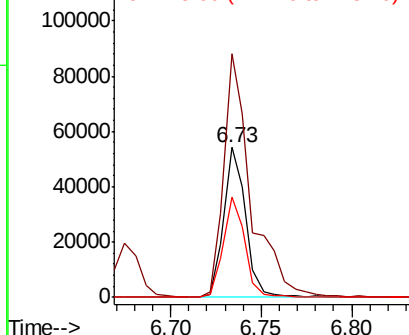


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

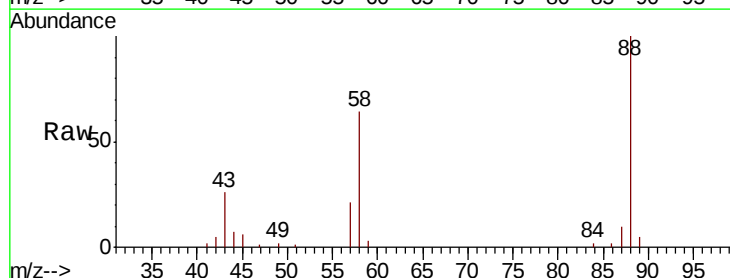
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 52.849 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	48.8	73.2
43	24.2	18.5	27.7

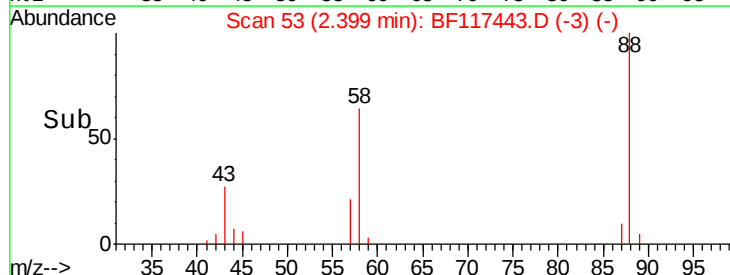
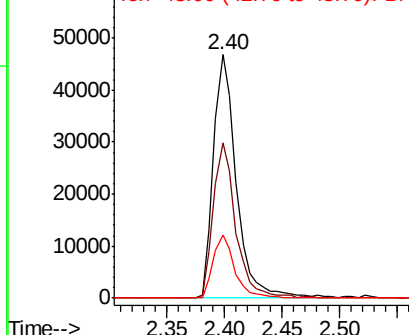


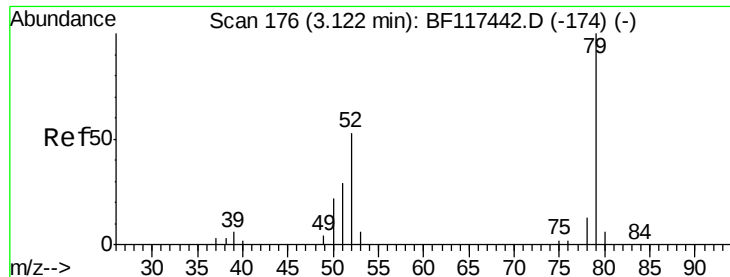
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





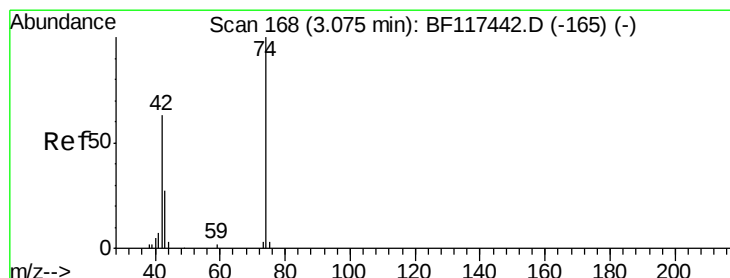
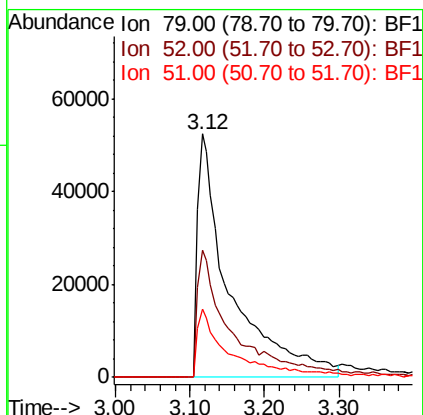
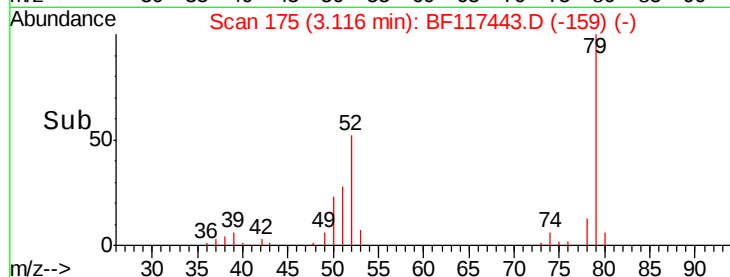
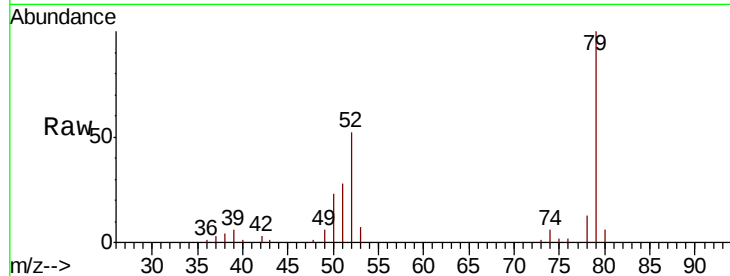
#3
 Pvridine
 Concen: 51.560 ng
 RT: 3.12 min Scan# 175
 Delta R.T. -0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		160804		
52	52.4	42.4	63.6		
51	27.9	23.3	34.9		

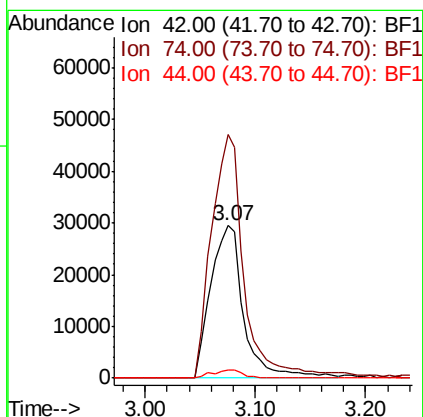
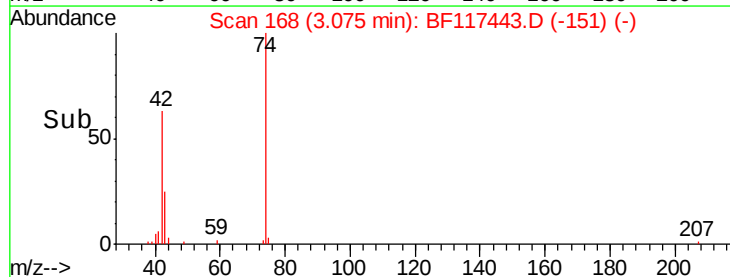
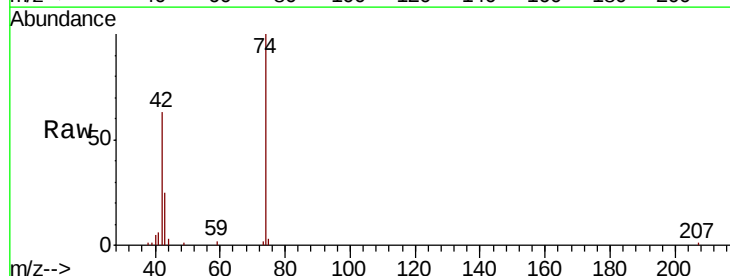
Manual Integrations
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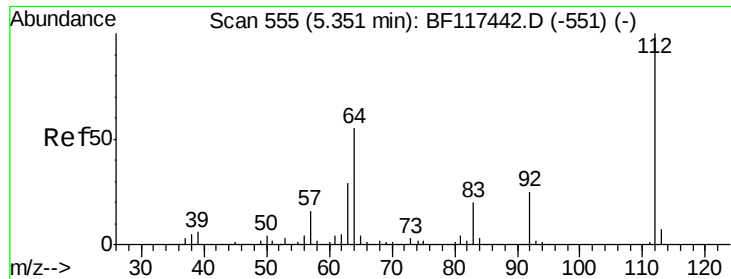
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#4
 n-Nitrosodimethylamine
 Concen: 55.287 ng
 RT: 3.07 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		60762		
74	160.0	124.2	186.4		
44	5.2	4.2	6.4		





#5

2-Fluorophenol

Concen: 104.717 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

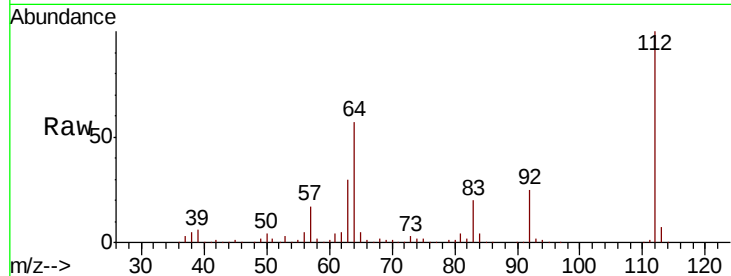
ClientSampleId :

SSTDICC050

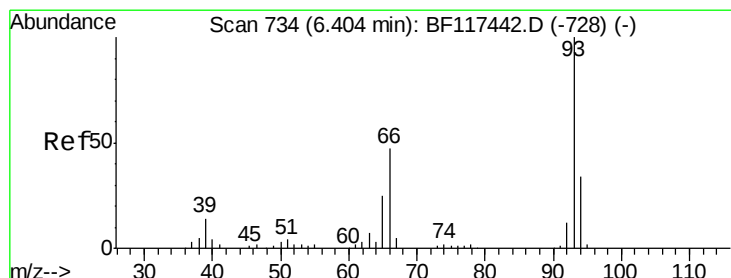
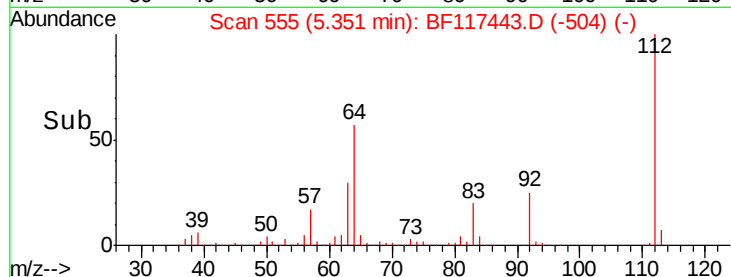
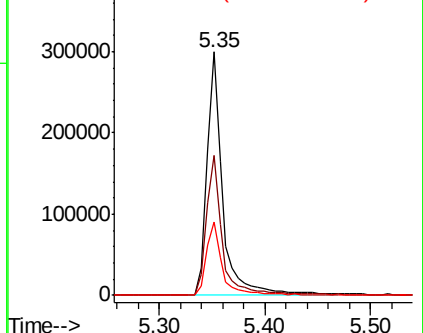
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		311730		
64	57.3	44.1	66.1		
63	30.1	23.4	35.2		

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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: 50.218 ng

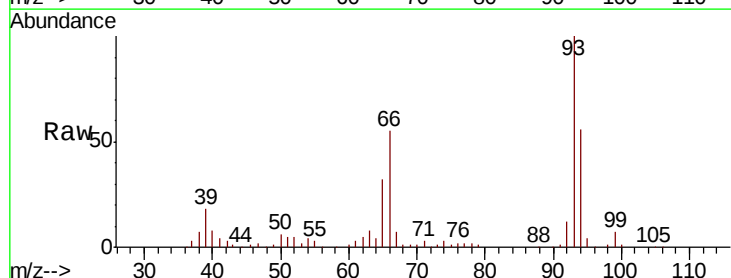
RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

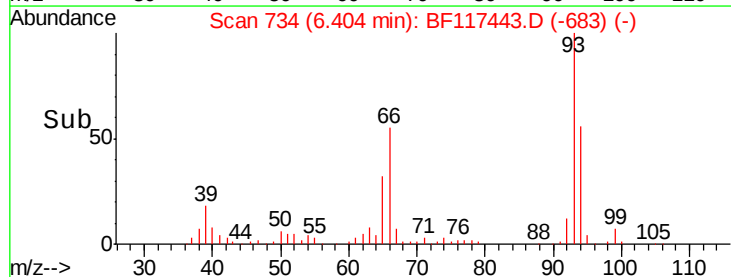
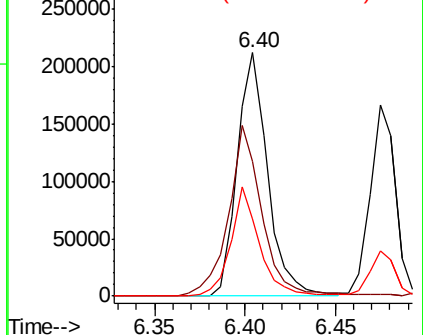
Lab File: BF117443.D

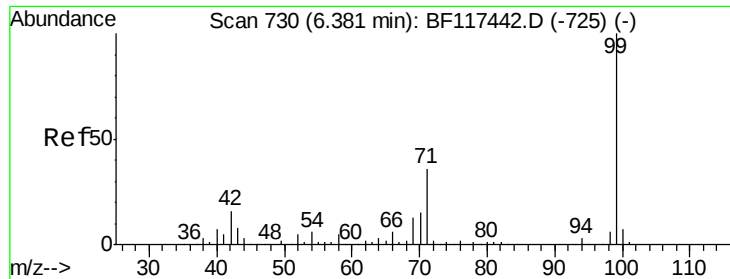
Acq: 18 Oct 2019 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		247781		
66	55.5	38.7	58.1		
65	31.8	20.1	30.1		



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





#7

Phenol-d6

Concen: 105.967 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

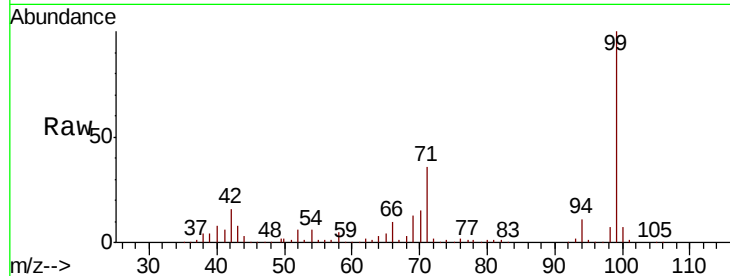
ClientSampleId :

SSTDICC050

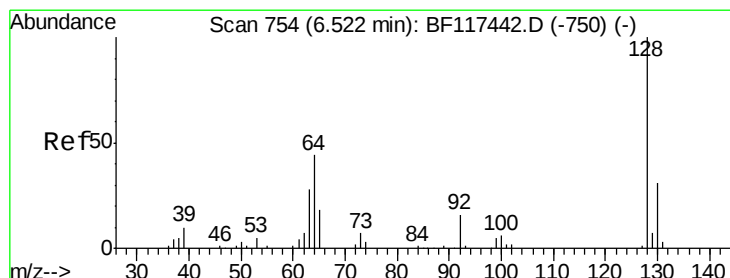
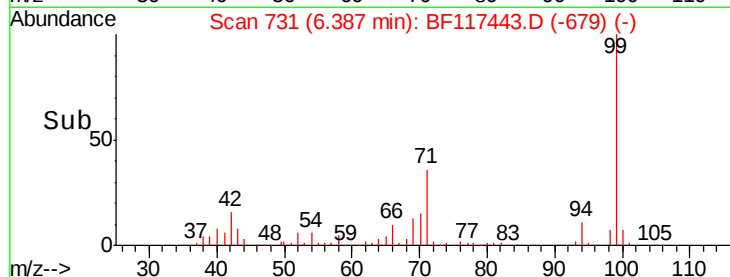
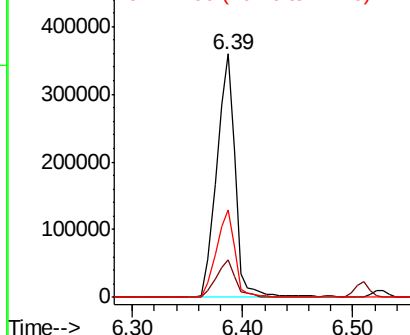
Tot Ion:	99	Resp:	418541
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.8	19.2
71	35.9	28.6	43.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.786 ng

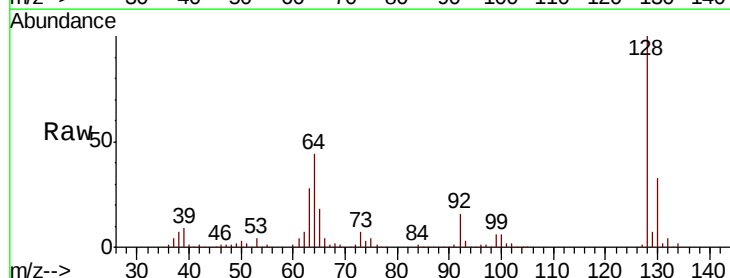
RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

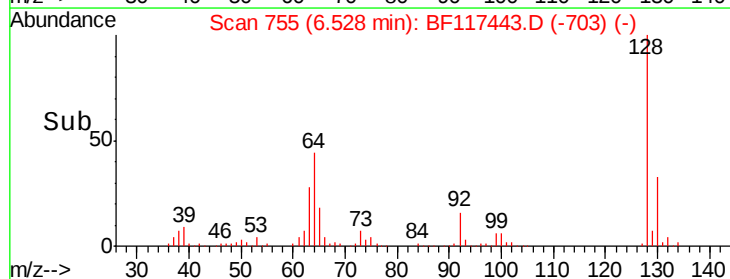
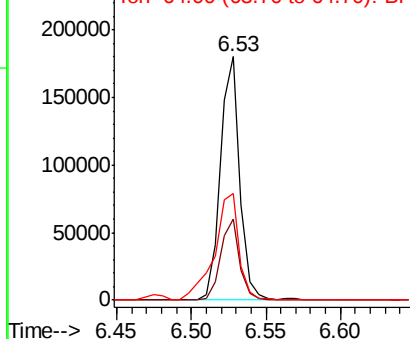
Lab File: BF117443.D

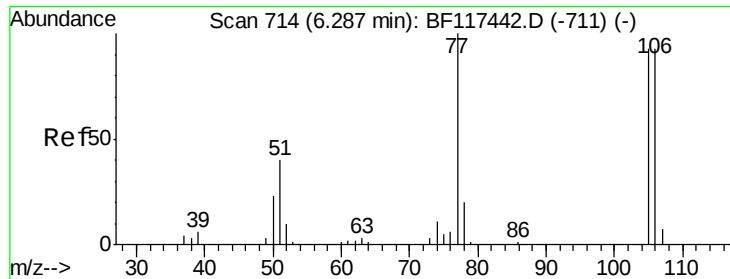
Acq: 18 Oct 2019 16:33

Tgt Ion:	128	Resp:	164772
Ion Ratio	Lower	Upper	
128	100		
130	33.1	11.1	51.1
64	43.6	27.1	67.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





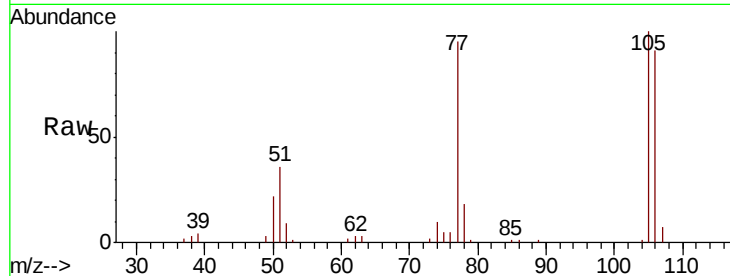
#9
Benzaldehyde
Concen: 49.330 ng
RT: 6.29 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleID :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.0	73.4	113.4
106	96.0	73.0	113.0

Manual Integrations
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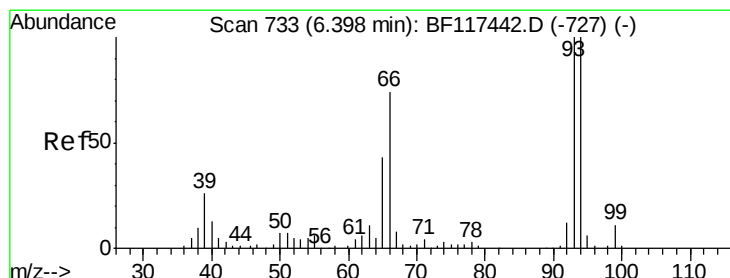
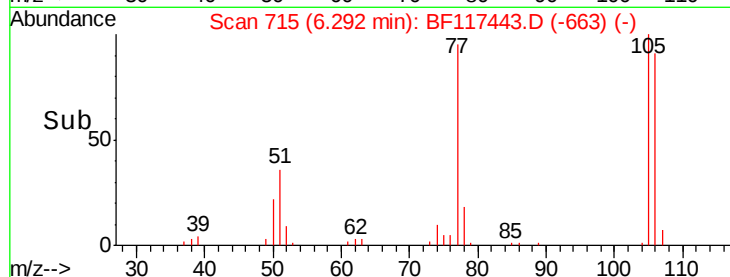
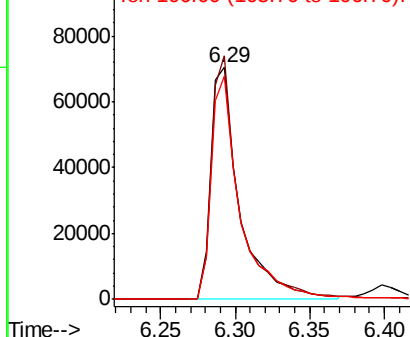


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10
Phenol
Concen: 50.175 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

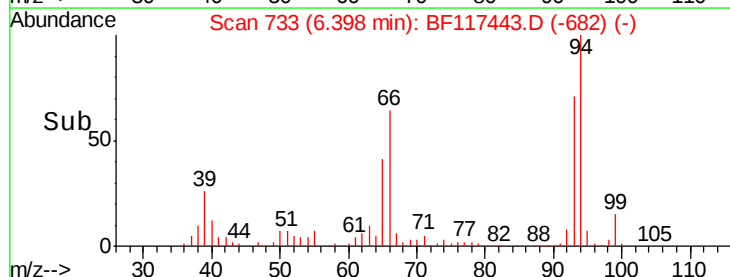
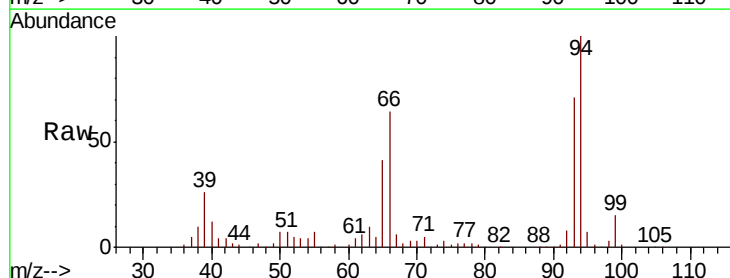
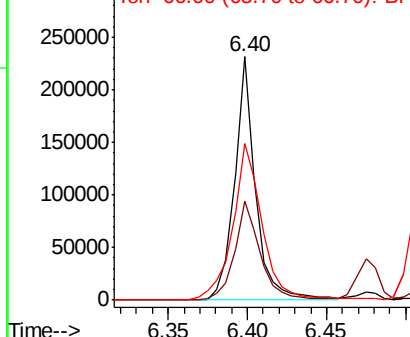
Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.9	23.4	63.4
66	64.4	54.7	94.7

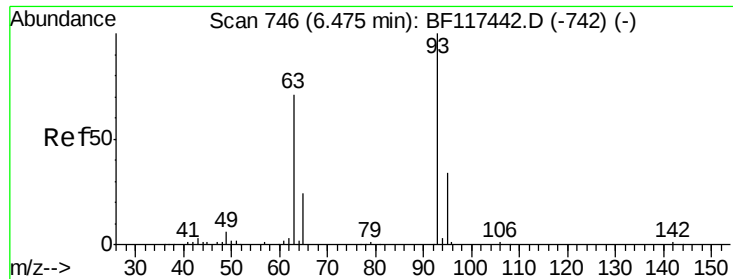
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





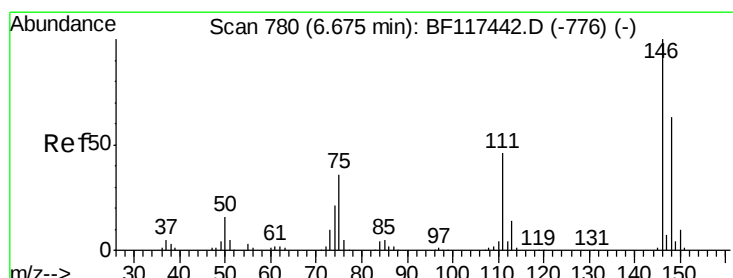
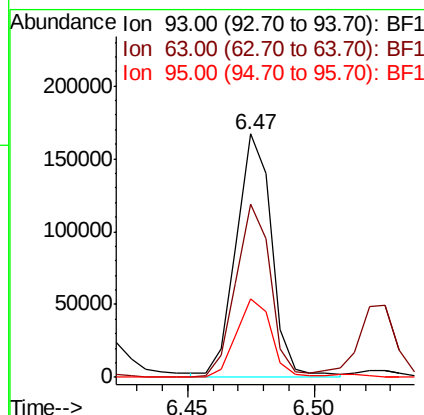
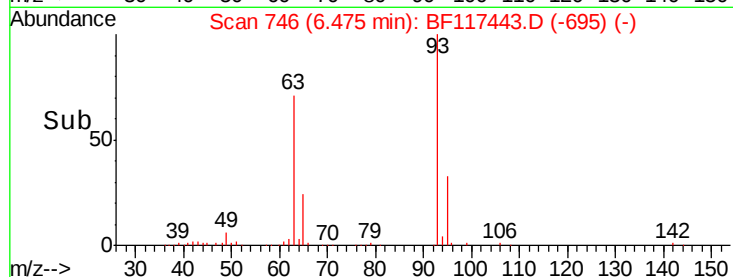
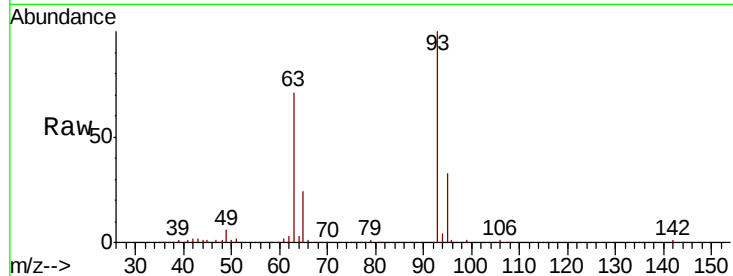
#11
bis(2-Chloroethyl)ether
Concen: 50.670 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.2	50.2	90.2
95	32.5	13.9	53.9

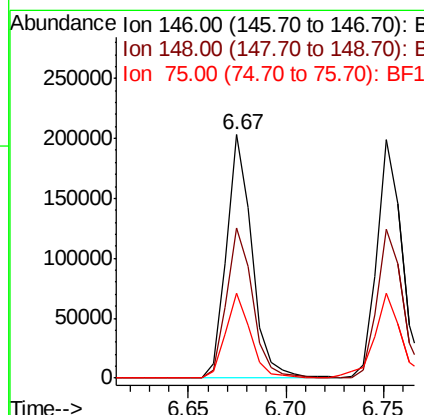
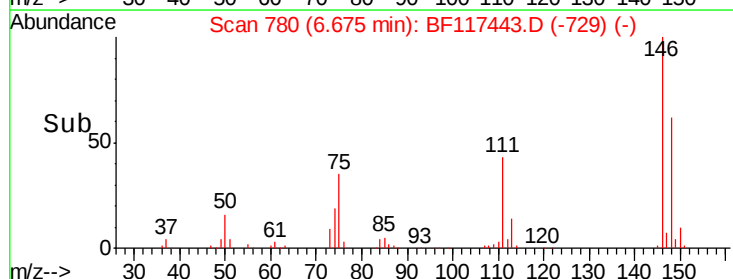
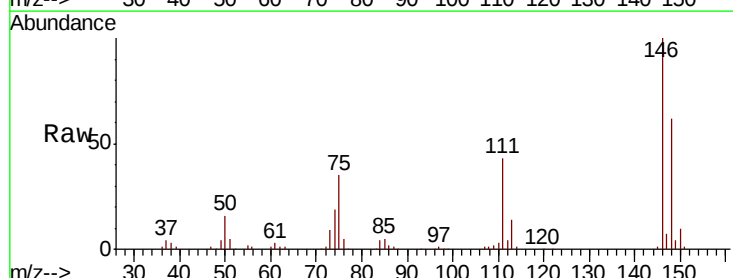
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 49.841 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.6	75.8
75	34.8	28.6	43.0





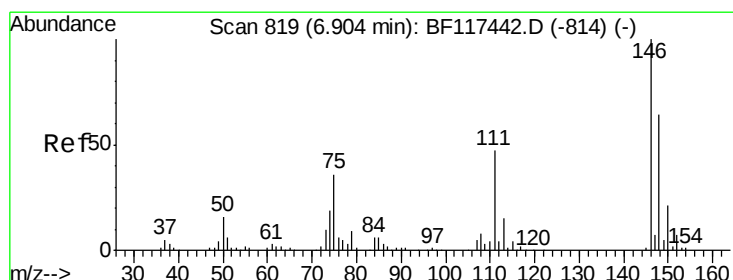
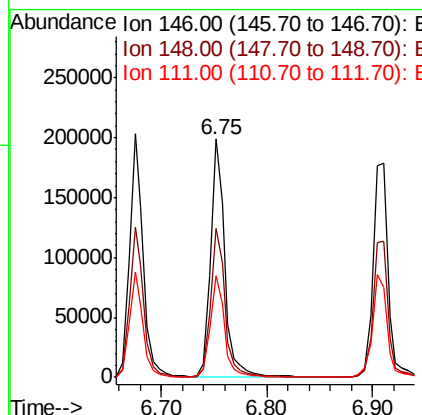
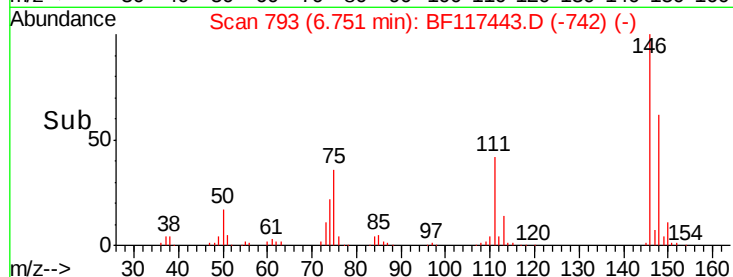
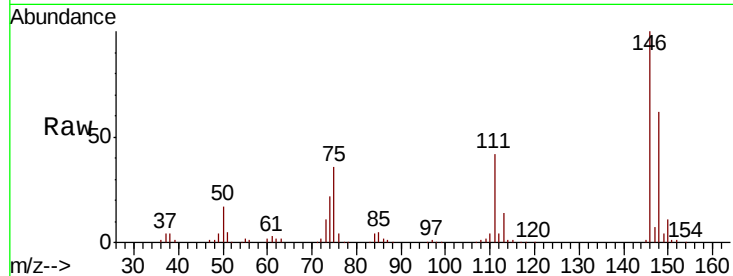
#13
1,4-Dichlorobenzene
Concen: 50.027 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.3	73.9
111	42.5	33.6	50.4

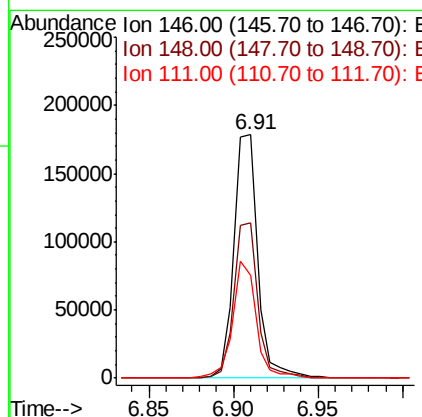
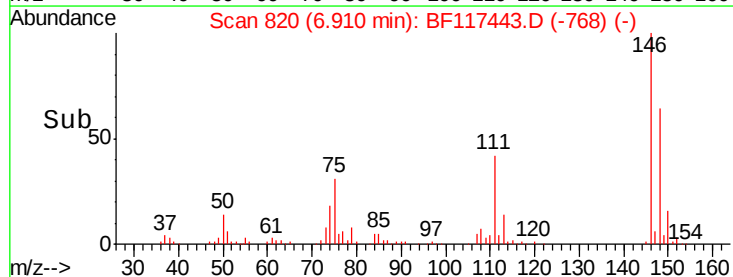
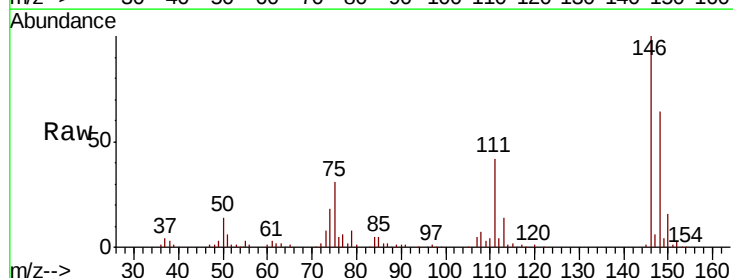
Manual Integrations
APPROVED

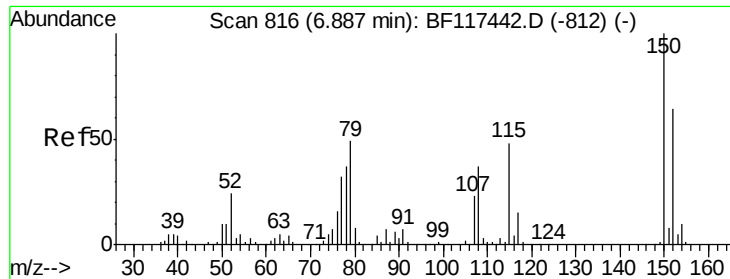
mohammad
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#14
1,2-Dichlorobenzene
Concen: 49.105 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	42.0	37.7	56.5





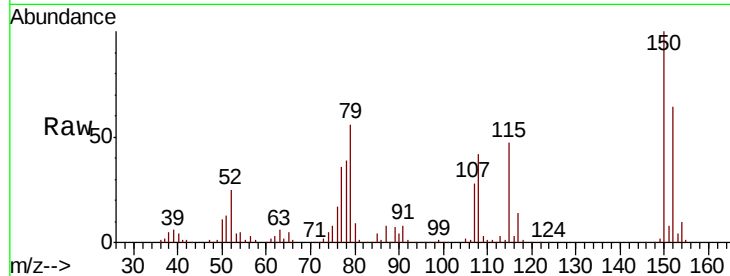
#15
Benzyl Alcohol
Concen: 50.307 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.8	59.8	89.8
77	64.4	51.4	77.0

Manual Integrations
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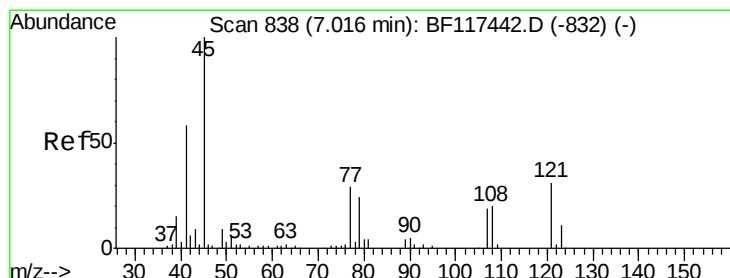
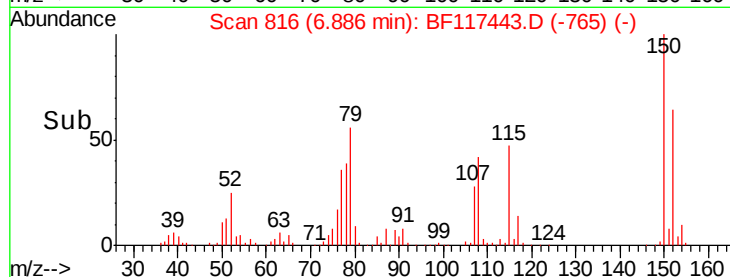
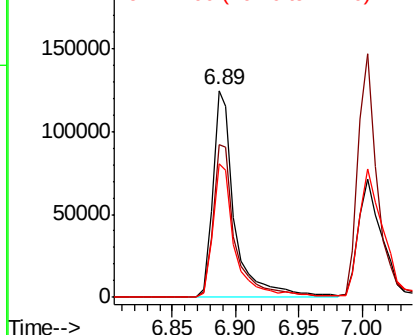


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.935 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

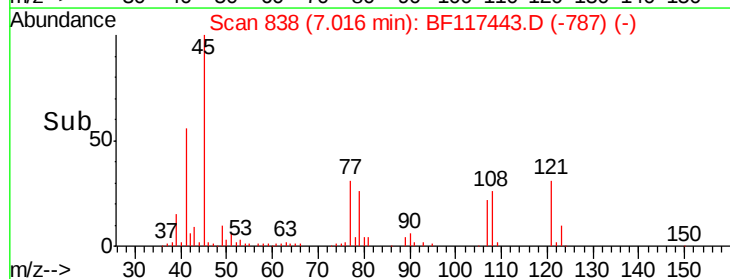
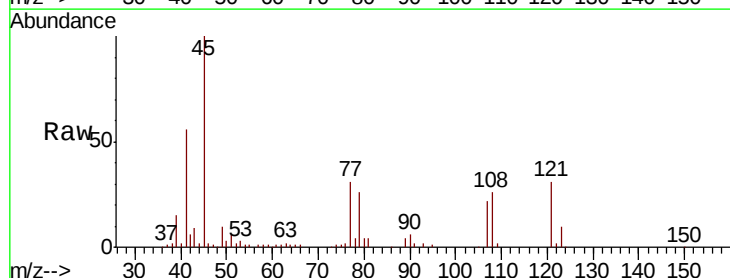
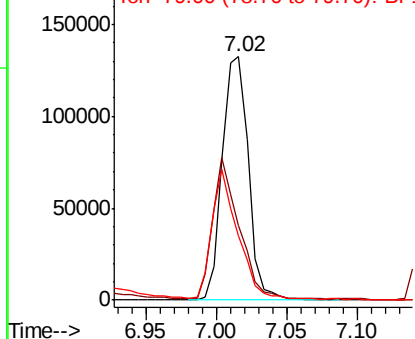
Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.8	9.9	49.9
79	26.3	5.5	45.5

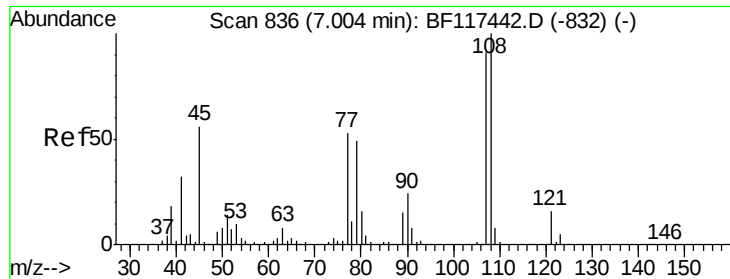
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





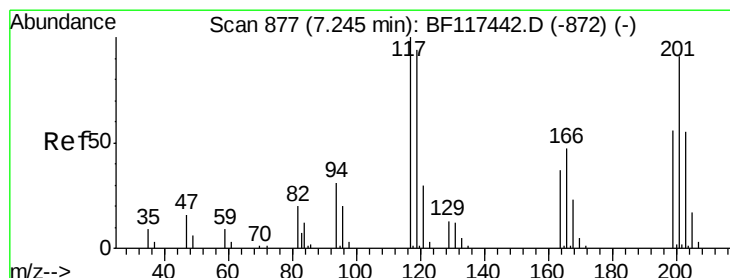
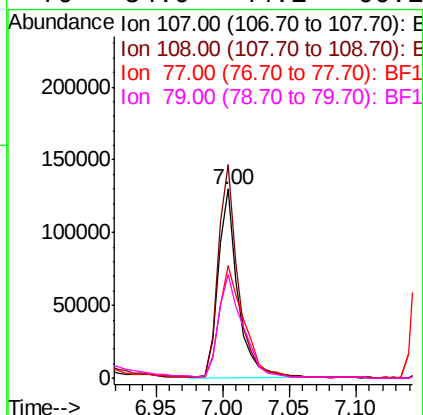
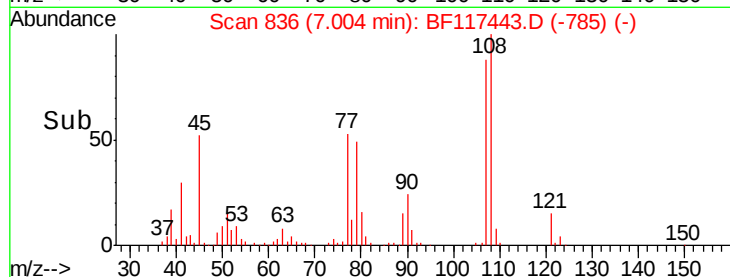
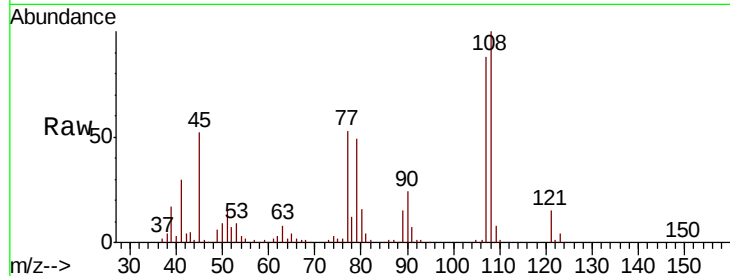
#17
2-Methylphenol
Concen: 48.711 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	88.0	132.0	
77	59.5	47.2	70.8	
79	54.9	44.1	66.1	

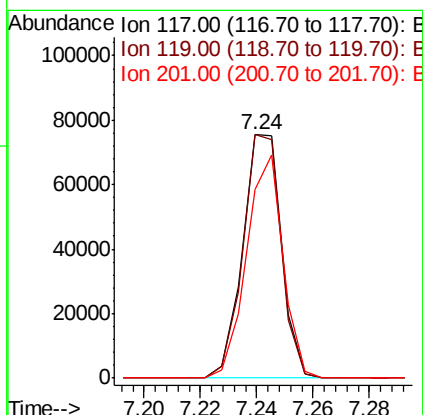
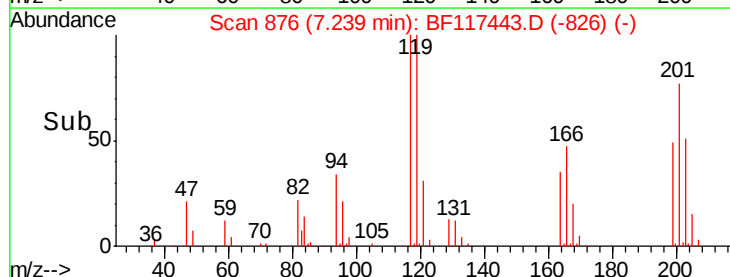
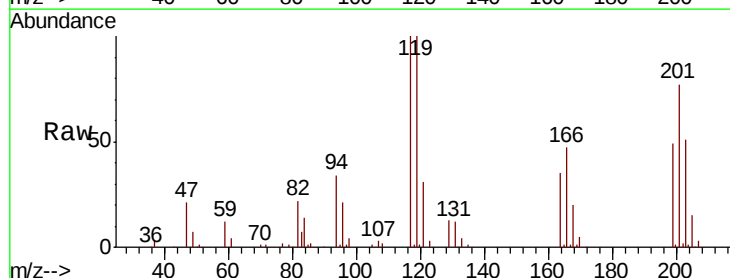
Manual Integrations
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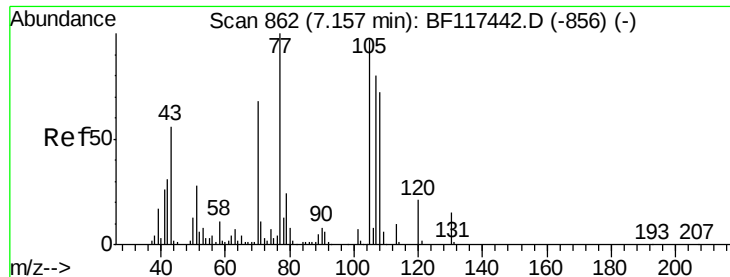
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#18
Hexachloroethane
Concen: 49.035 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.8	75.4	113.0	
201	77.4	72.5	108.7	





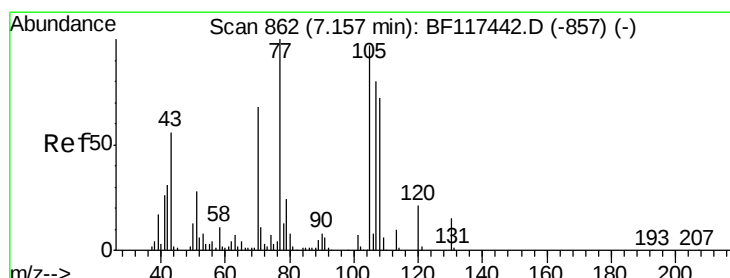
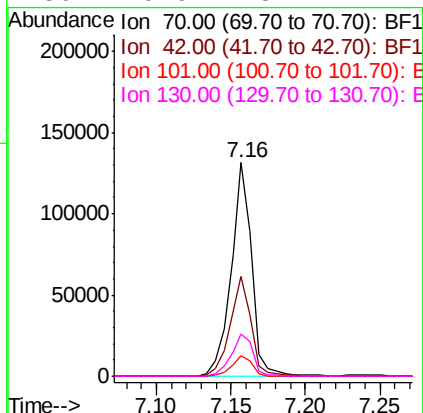
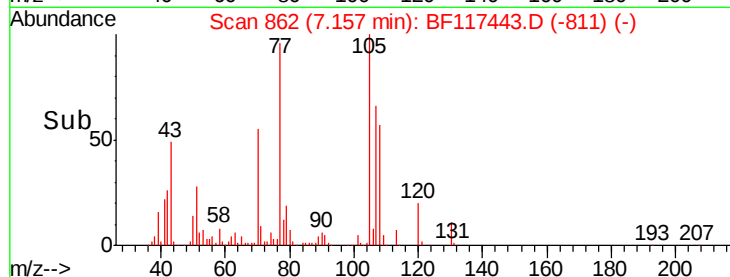
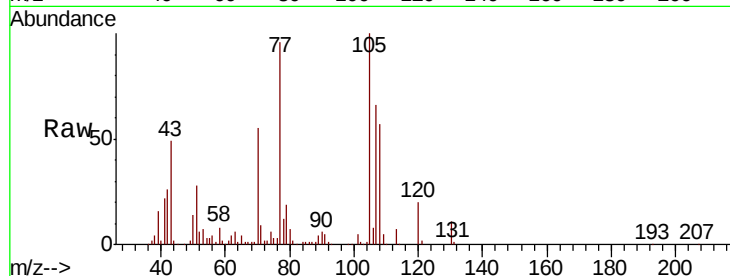
#19
n-Nitroso-di-n-propylamine
Concen: 50.814 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.1	36.7	55.1
101	9.4	8.3	12.5
130	19.9	18.1	27.1

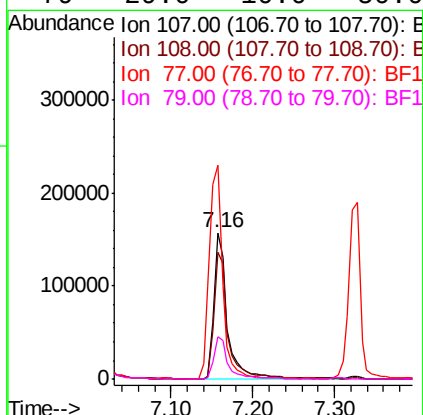
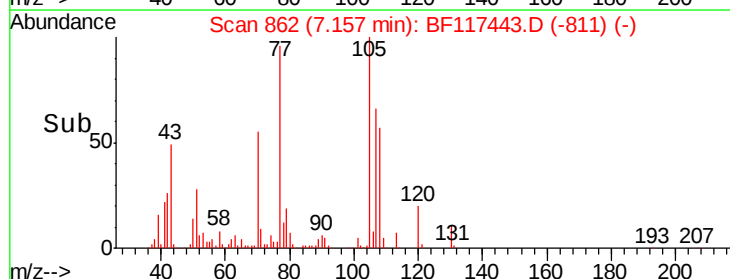
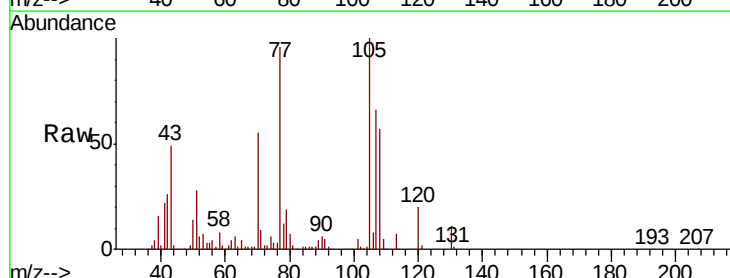
Manual Integrations
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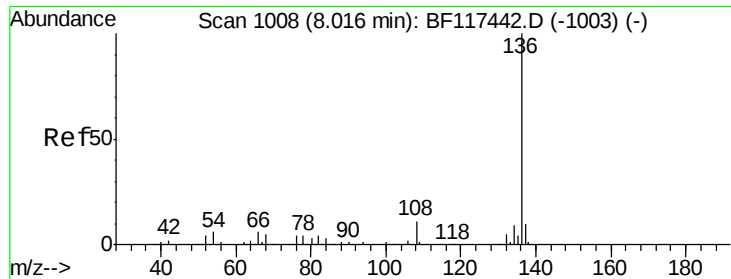
mohammad
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#20
3+4-Methylphenols
Concen: 50.761 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	70.3	110.3
77	146.2	104.8	144.8#
79	29.0	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

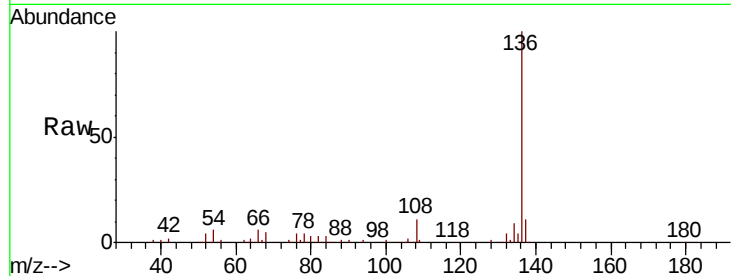
ClientSampleId :

SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		196373		
137	11.0	8.2	12.4		
54	6.1	4.5	6.7		
68	5.3	4.3	6.5		

Manual Integrations
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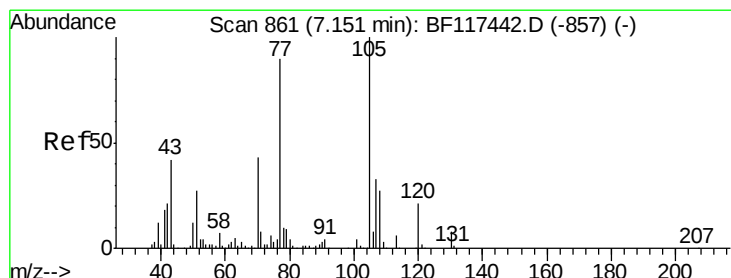
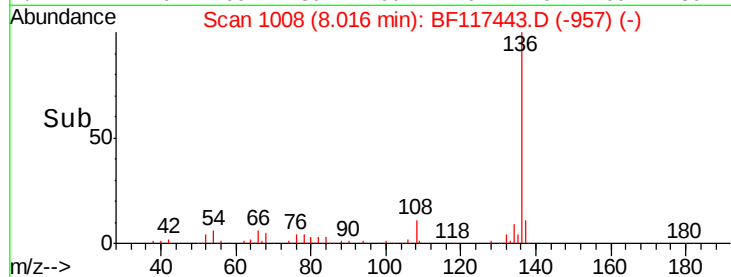
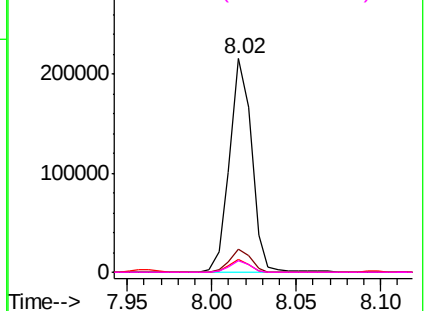
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 50.918 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		262379		
71	9.2	6.2	9.2		
51	28.1	21.8	32.6		
120	20.2	16.7	25.1		

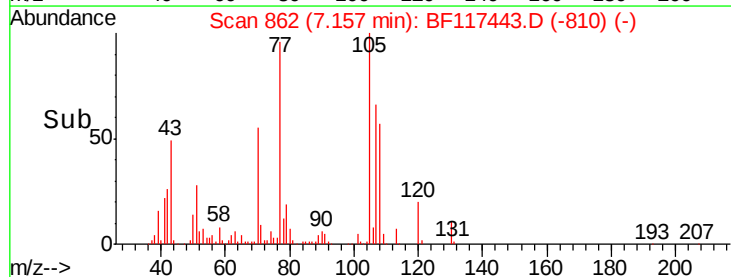
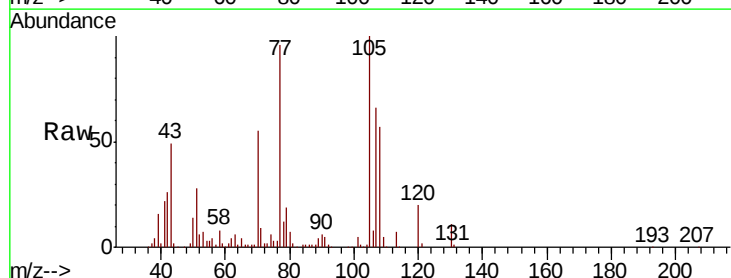
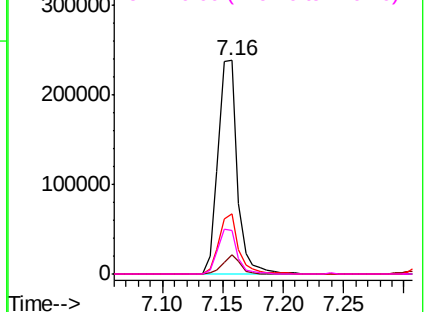
Abundance

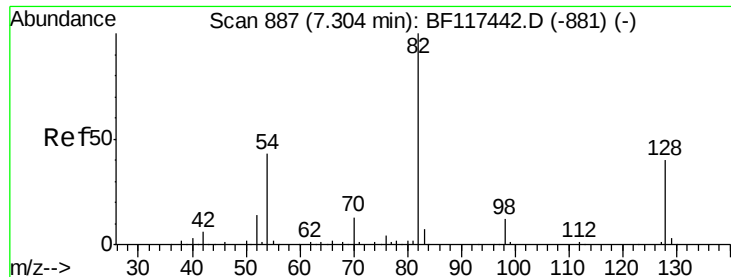
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





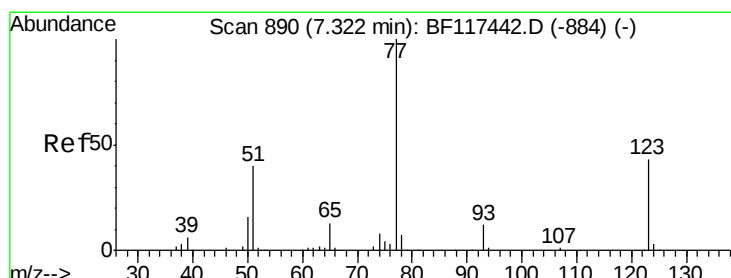
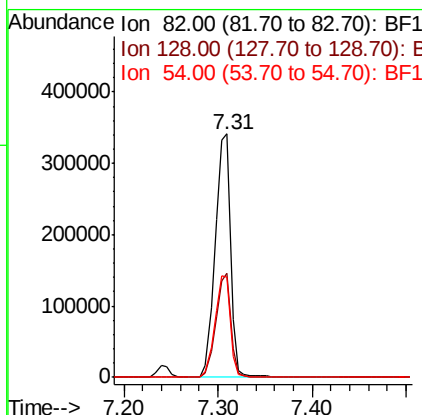
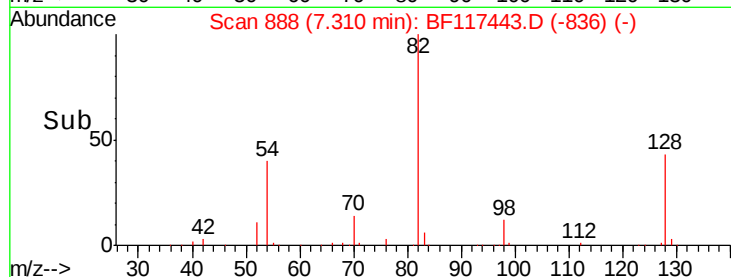
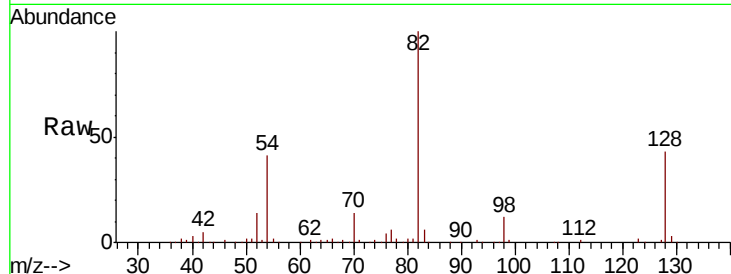
#23
 Nitrobenzene-d5
 Concen: 102.648 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
82	100	397656		
128	42.7		32.2	48.2
54	41.2		34.2	51.2

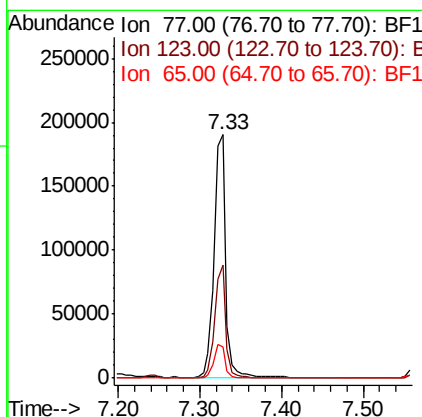
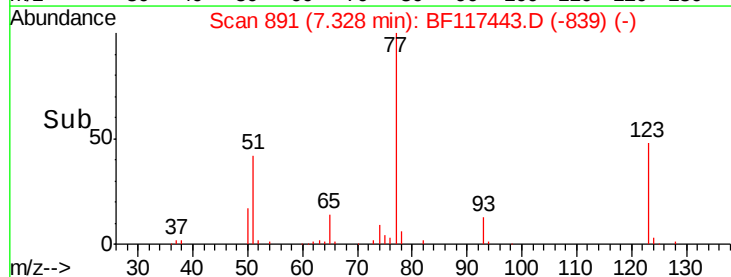
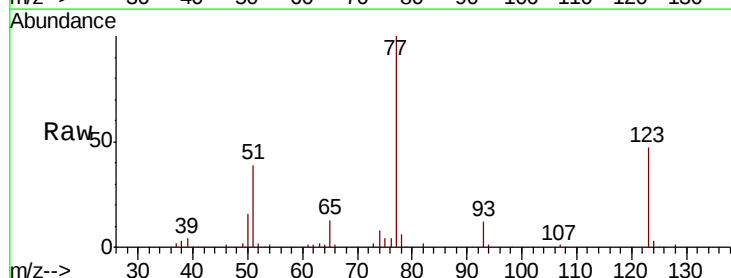
Manual Integrations
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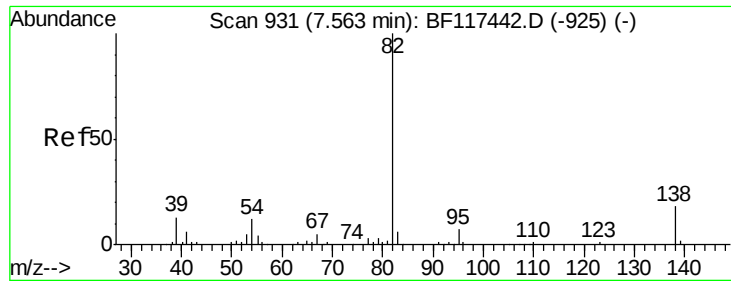
mohammad
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#24
 Nitrobenzene
 Concen: 49.579 ng
 RT: 7.33 min Scan# 891
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	192398		
123	46.6		34.2	51.2
65	12.8		10.3	15.5





#25

Isophorone

Concen: 49.583 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

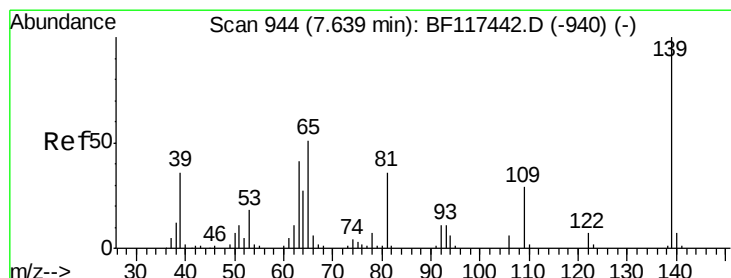
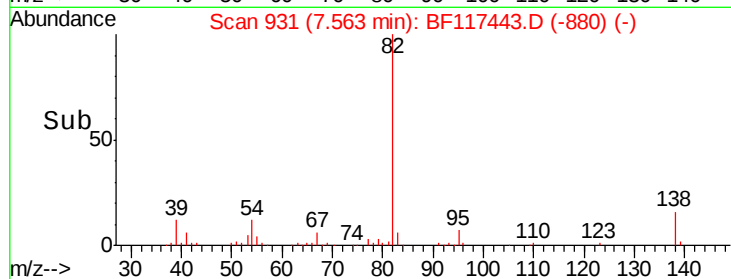
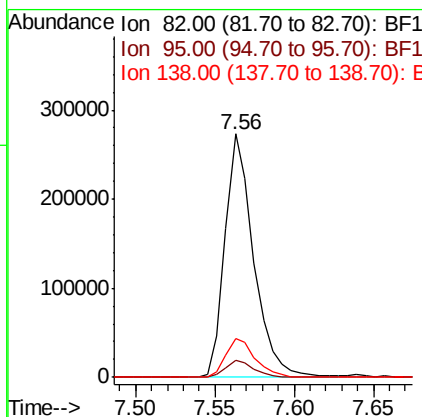
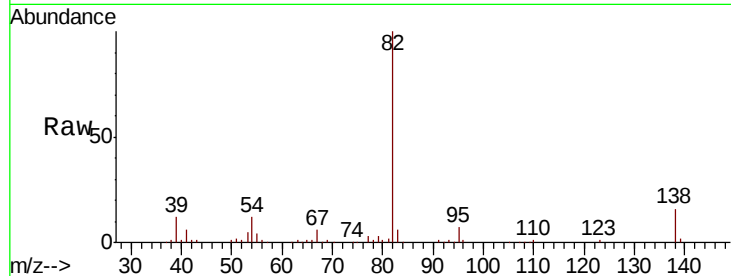
ClientSampleId :

SSTDIC050

Tot Ion:	82	Resp:	342173
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.0
138	15.9	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.755 ng

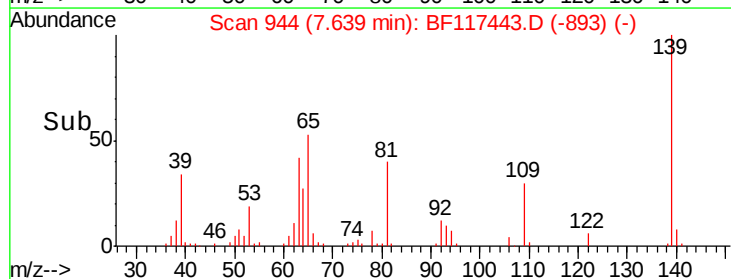
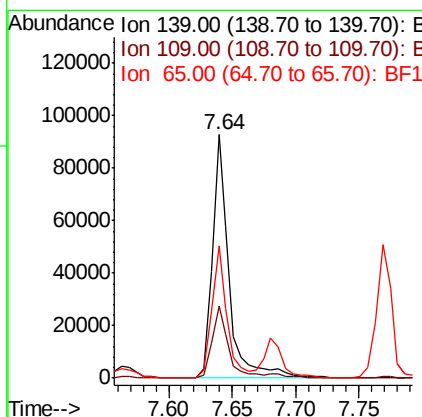
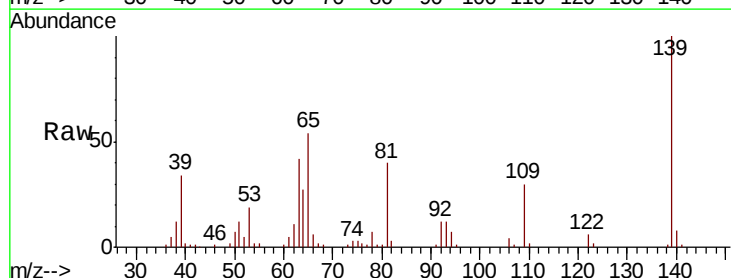
RT: 7.64 min Scan# 944

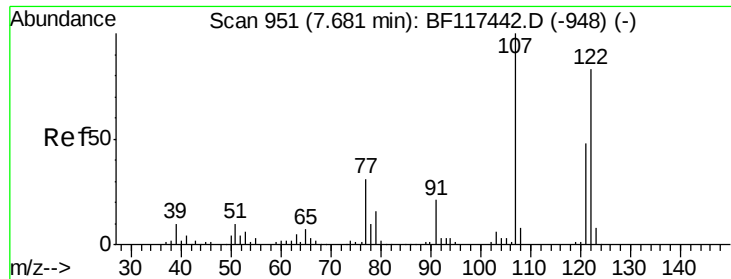
Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Tgt Ion:	139	Resp:	85665
Ion Ratio	Lower	Upper	
139	100		
109	29.6	23.2	34.8
65	54.4	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 48.437 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

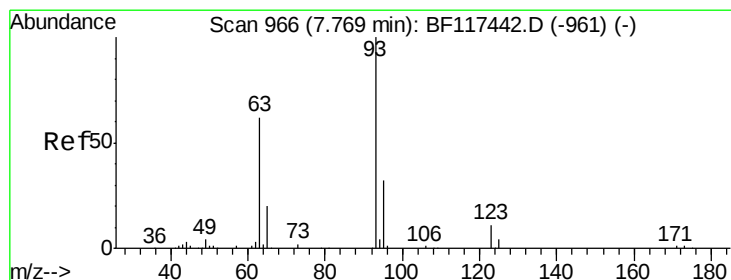
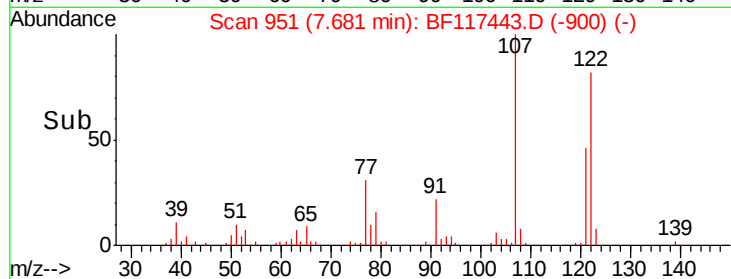
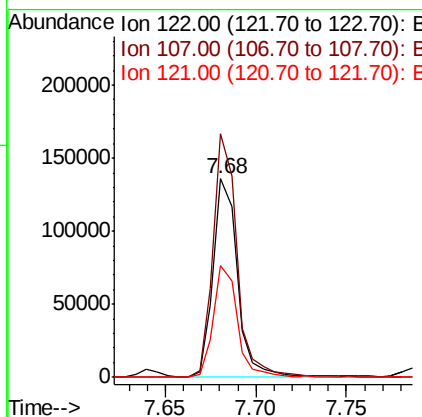
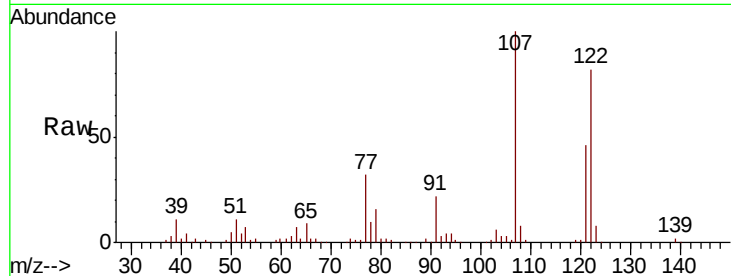
ClientSampleId :

SSTDIC050

Tot Ion:	122	Resp:	126747
Ion Ratio	Lower	Upper	
122	100		
107	122.5	96.8	145.2
121	56.4	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 49.453 ng

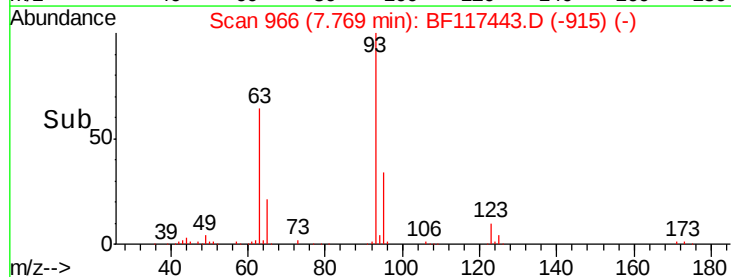
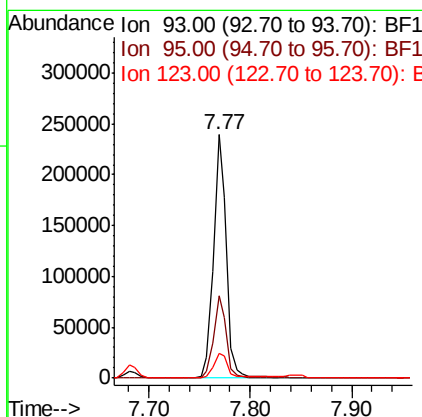
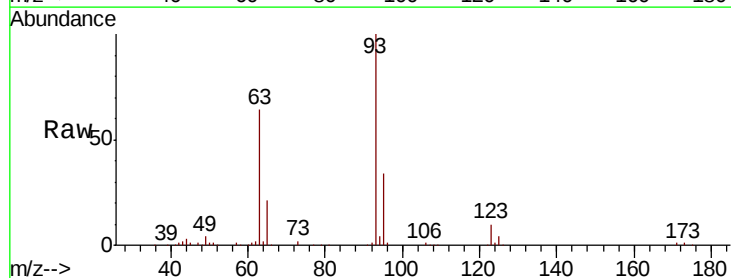
RT: 7.77 min Scan# 966

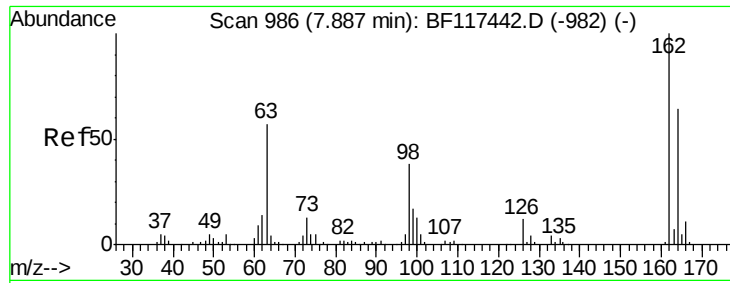
Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Tgt Ion:	93	Resp:	211563
Ion Ratio	Lower	Upper	
93	100		
95	33.6	25.5	38.3
123	10.1	9.0	13.6





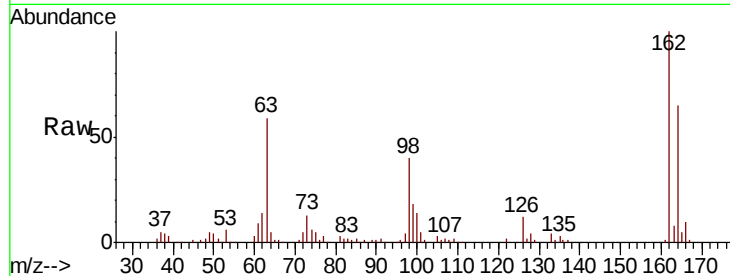
#29
 2,4-Dichlorophenol
 Concen: 49.772 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

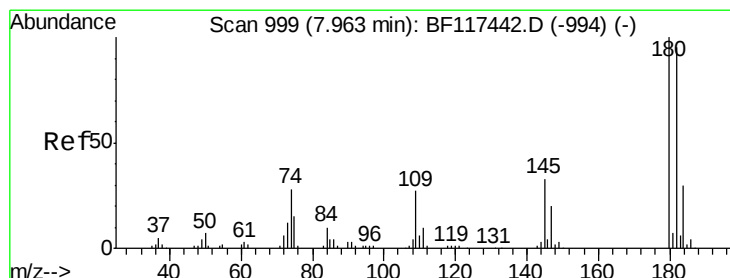
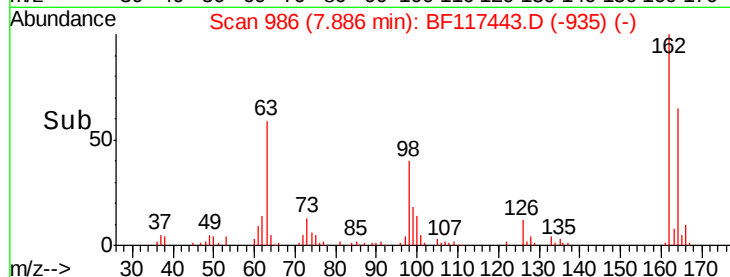
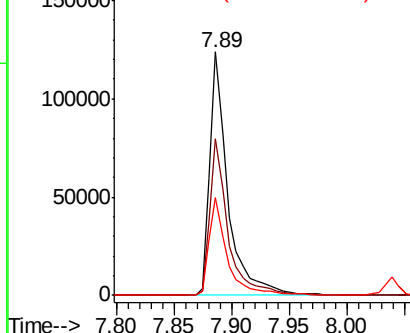
Tot Ion:	162	Resp:	134386
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.4	84.4
98	40.0	18.2	58.2

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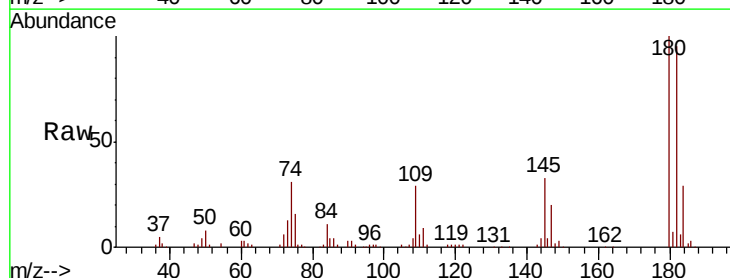


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

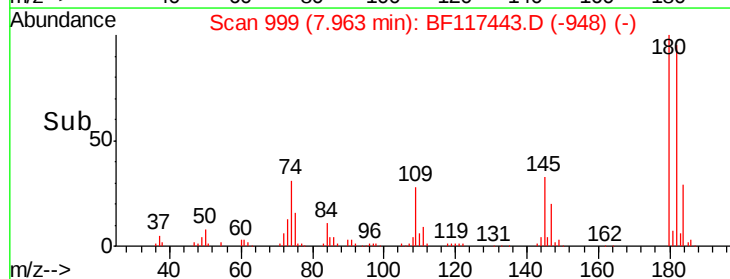
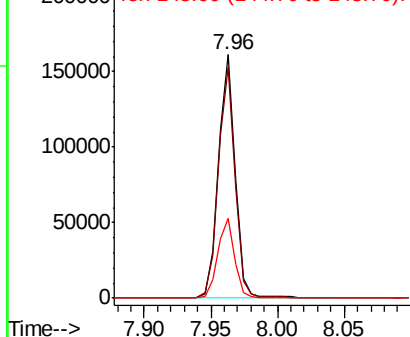


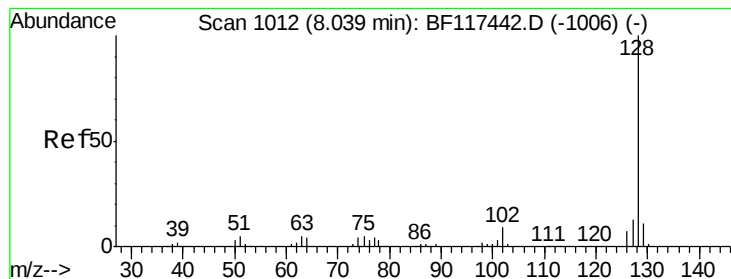
#30
 1,2,4-Trichlorobenzene
 Concen: 49.198 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion:	180	Resp:	143200
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.8	113.8
145	32.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.653 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

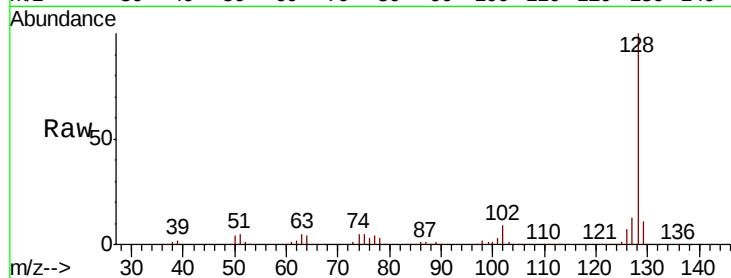
ClientSampleId :

SSTDICC050

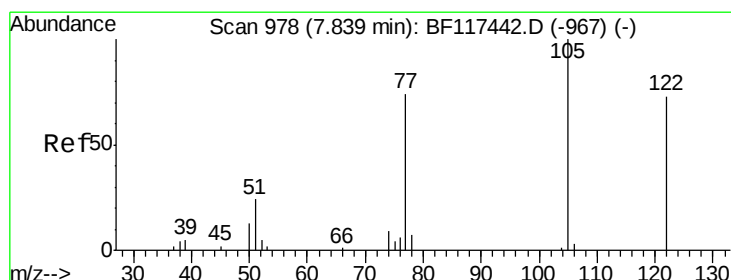
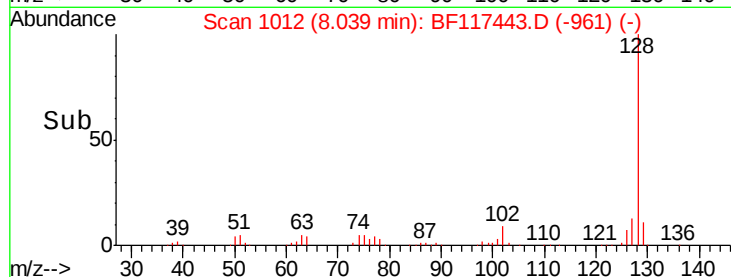
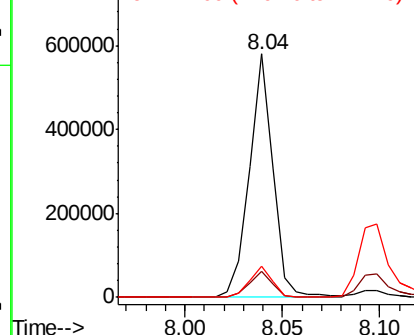
Tot Ion:	128	Resp:	486943
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.4
127	12.7	10.2	15.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 56.918 ng

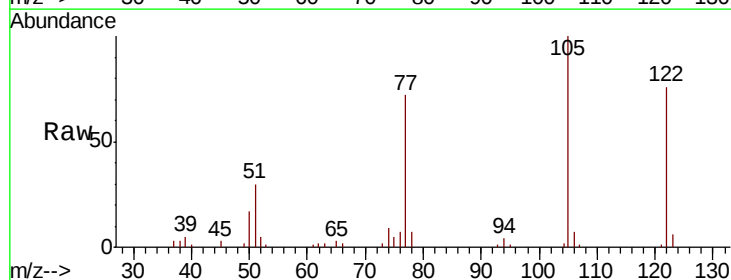
RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

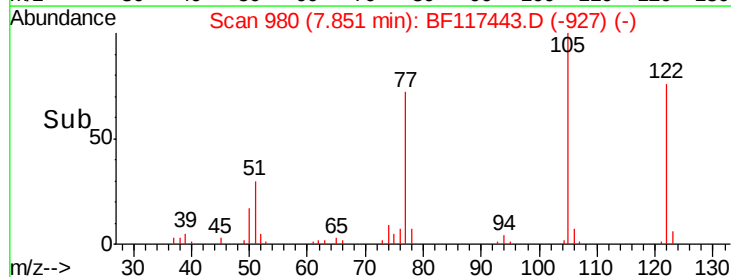
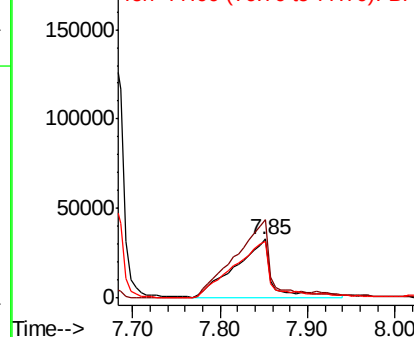
Lab File: BF117443.D

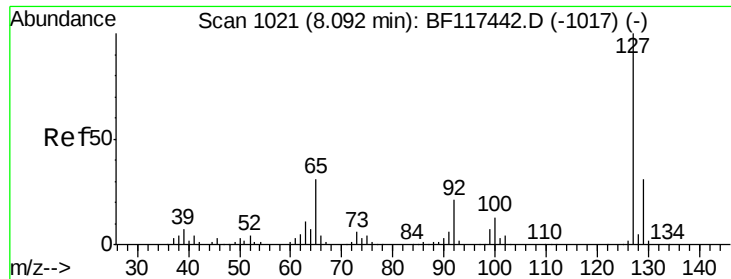
Acq: 18 Oct 2019 16:33

Tgt Ion:	122	Resp:	92744
Ion Ratio	Lower	Upper	
122	100		
105	132.2	115.0	155.0
77	95.6	79.7	119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





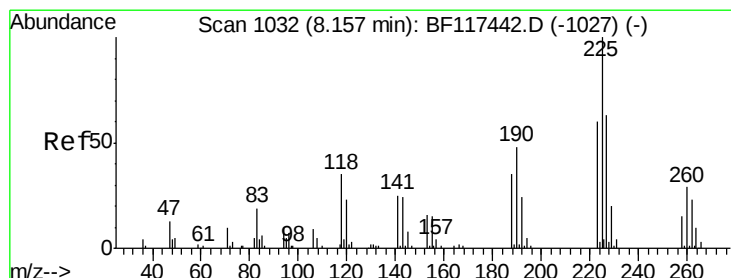
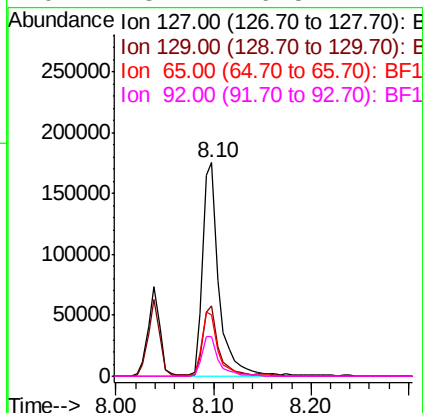
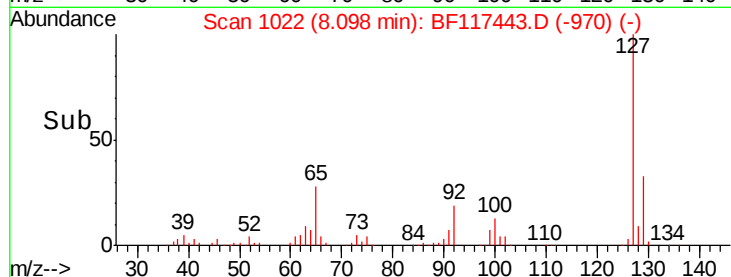
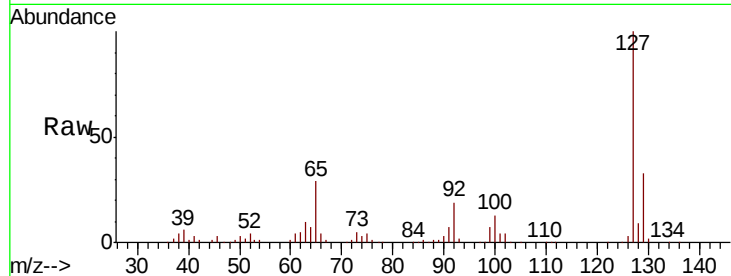
#33
4-Chloroaniline
Concen: 48.666 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	24.8	37.2		
65	29.0	24.6	37.0		
92	18.7	16.5	24.7		

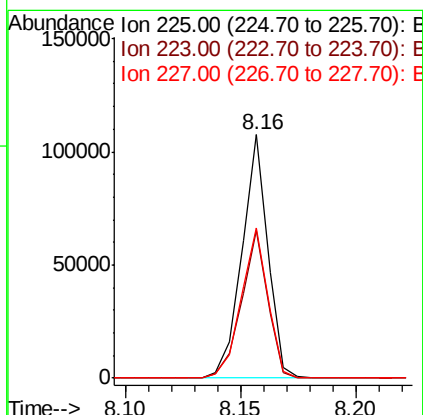
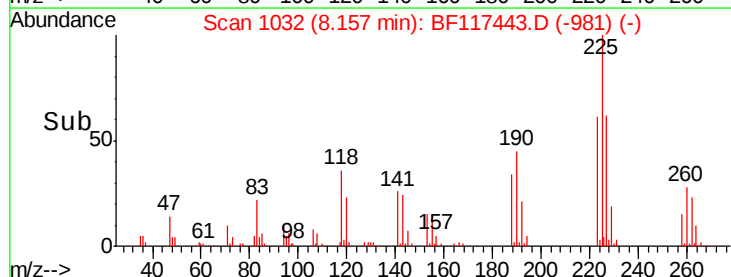
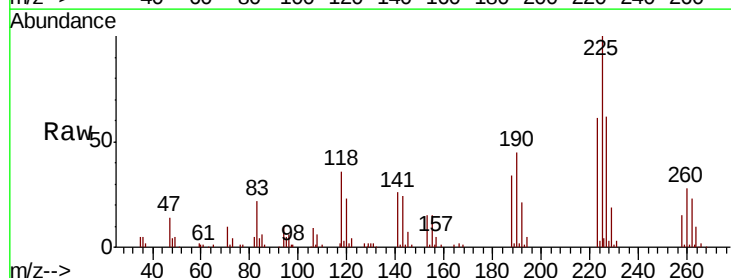
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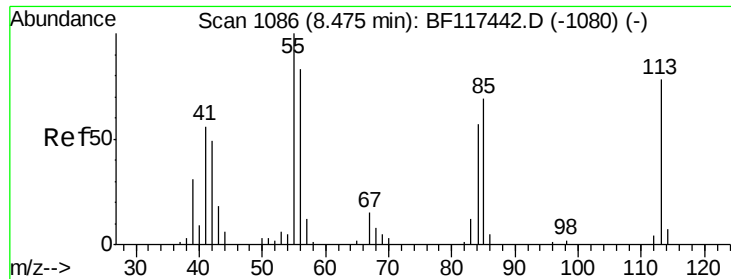
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#34
Hexachlorobutadiene
Concen: 50.526 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	48.2	72.4		
227	61.7	50.2	75.4		





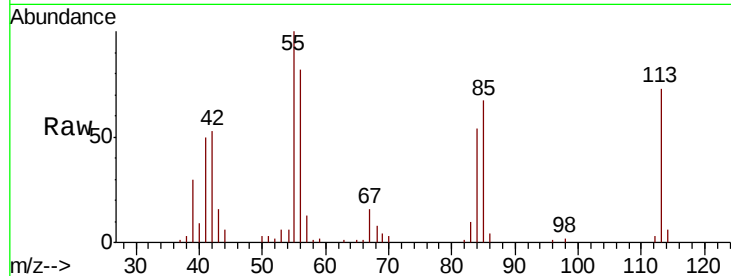
#35
Caprolactam
Concen: 51.824 ng/ml
RT: 8.48 min Scan# 1087
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleID :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.4	108.8	148.8
56	113.3	87.2	127.2

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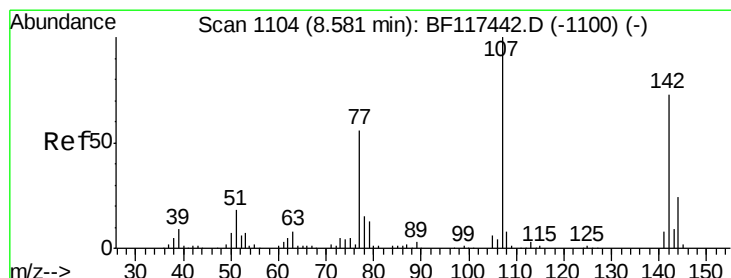
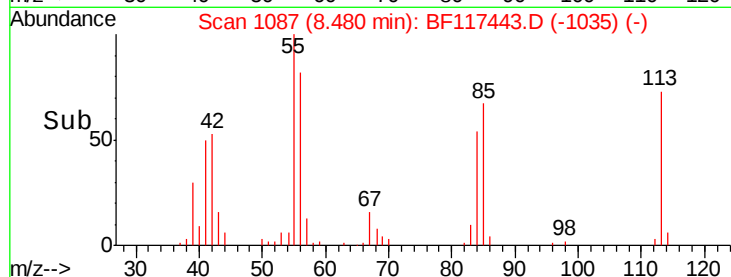
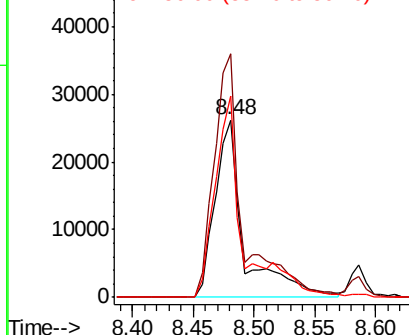


Abundance

Ion 113.00 (112.70 to 113.70): E

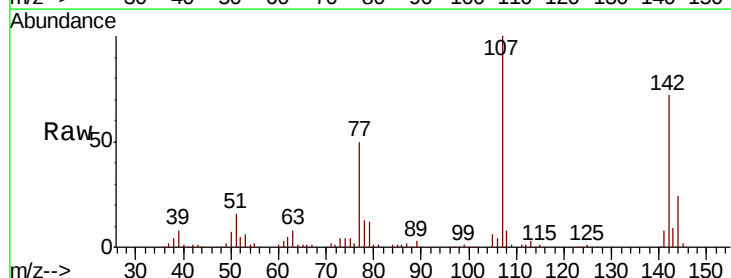
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 50.083 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	18.9	28.3
142	71.6	58.6	88.0

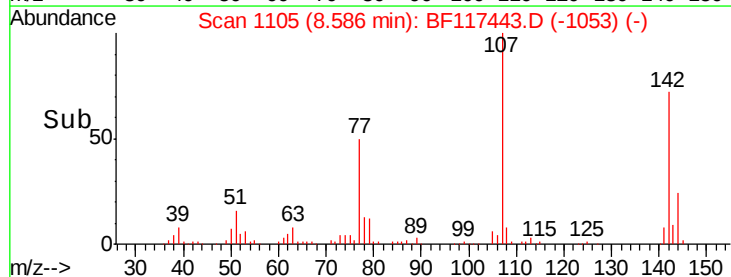
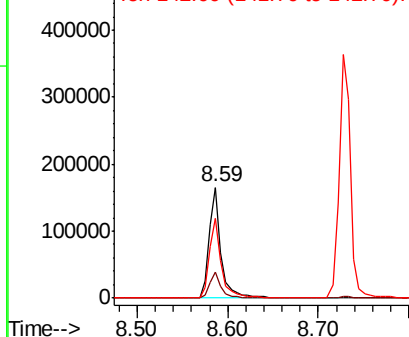


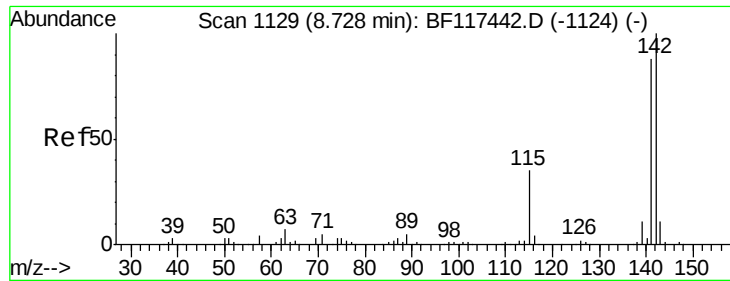
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





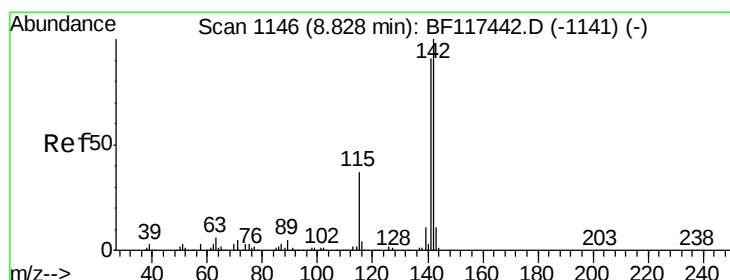
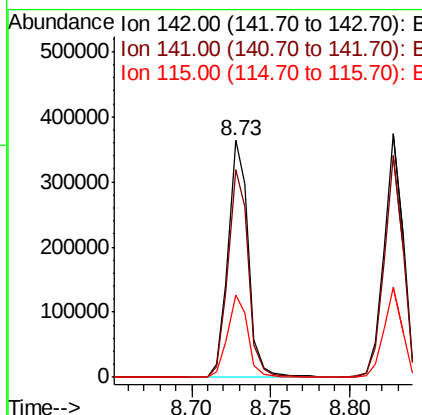
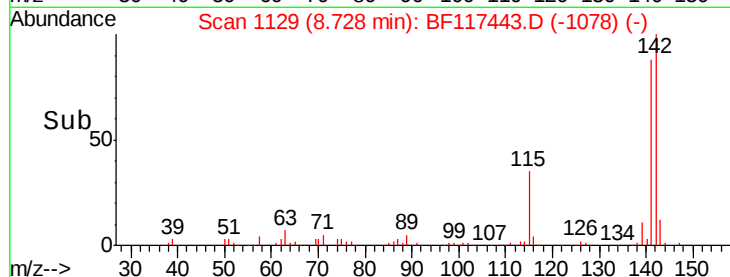
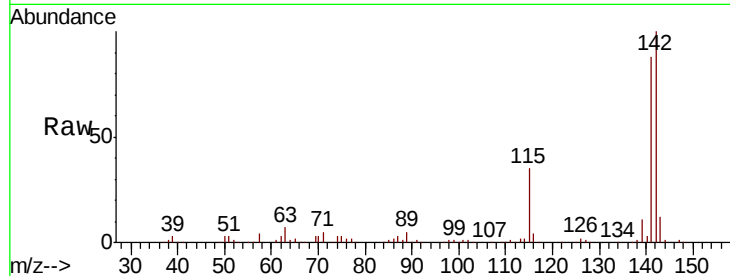
#37
2-Methylnaphthalene
Concen: 48.859 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	34.8	28.2	42.2

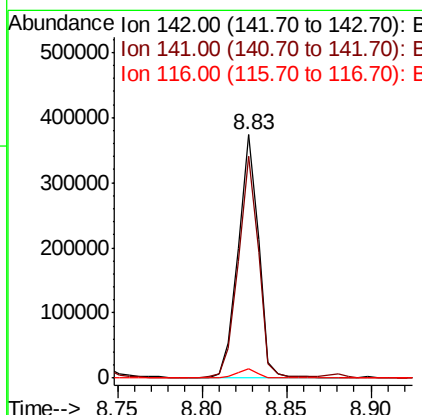
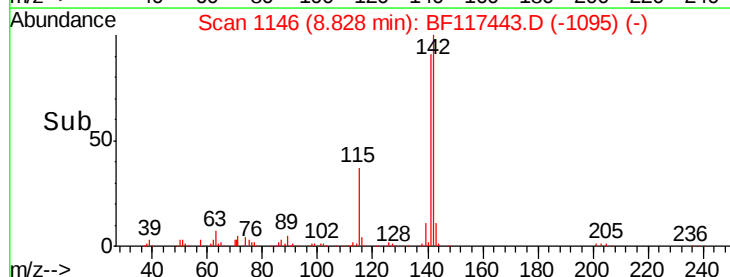
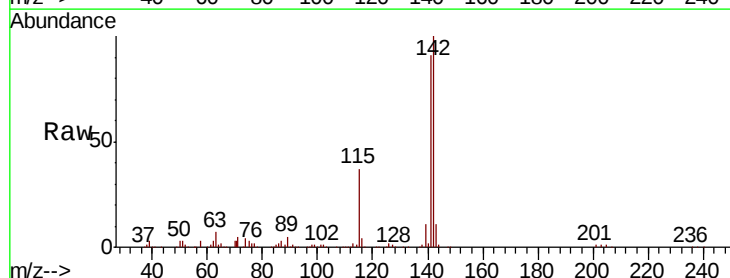
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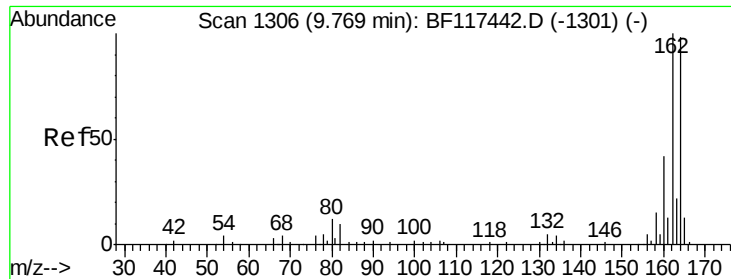
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#38
1-Methylnaphthalene
Concen: 49.534 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.3	109.9
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:164 Resp: 100998

Ion Ratio Lower Upper

164 100

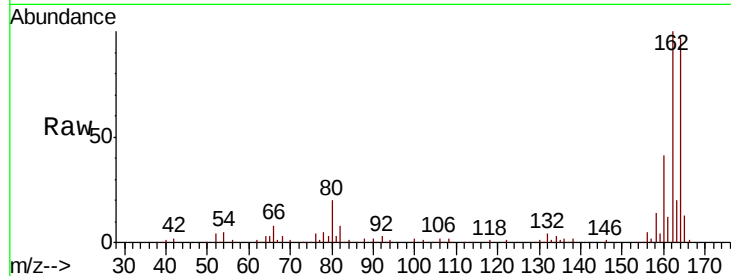
162 102.9 81.8 122.6

160 41.9 34.4 51.6

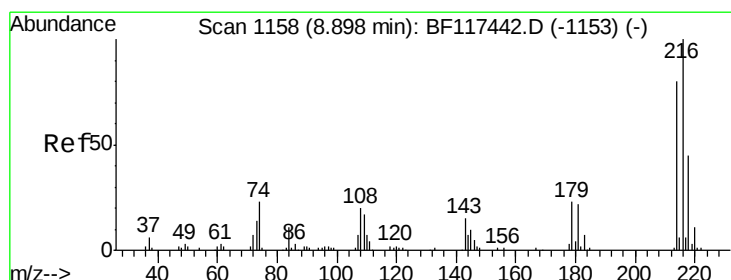
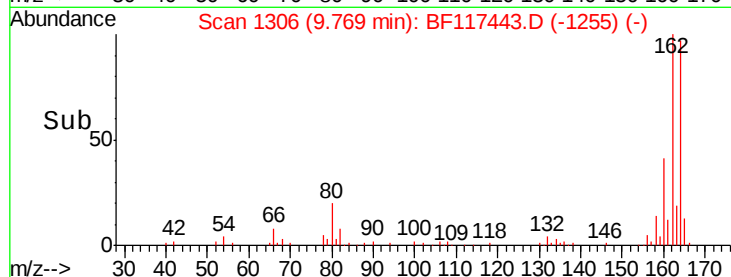
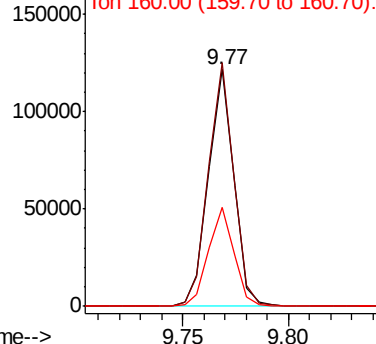
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.685 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Tgt Ion:216 Resp: 137773

Ion Ratio Lower Upper

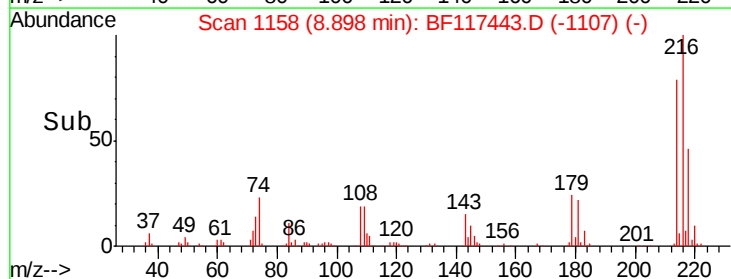
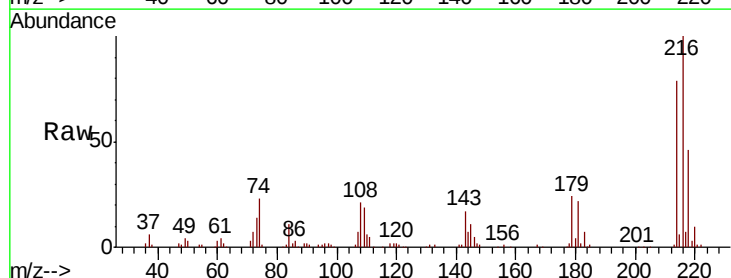
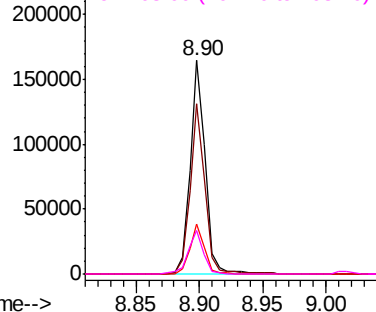
216 100

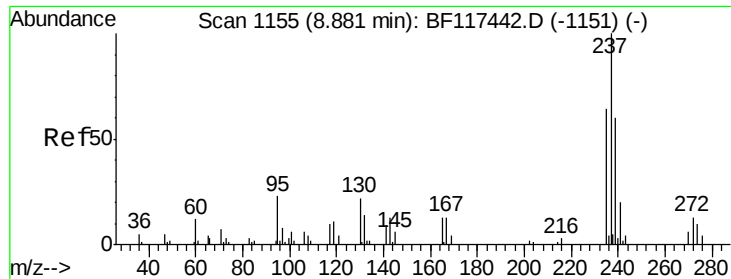
214 77.9 62.4 93.6

179 22.7 18.1 27.1

108 21.1 16.6 24.8

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 57.386 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

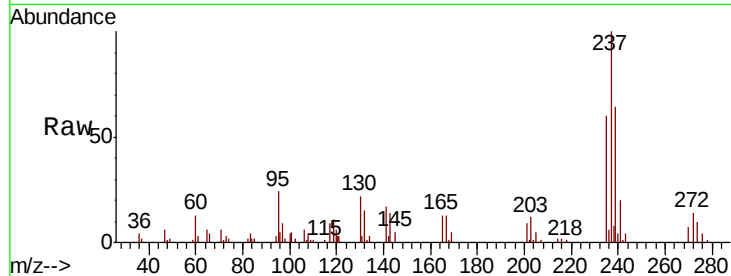
ClientSampleId :

SSTDICC050

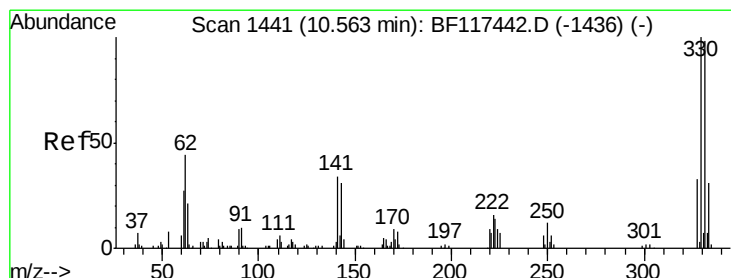
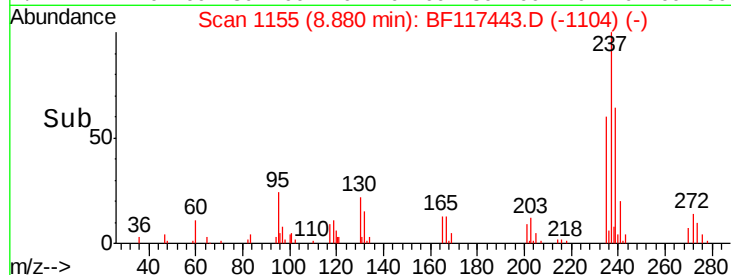
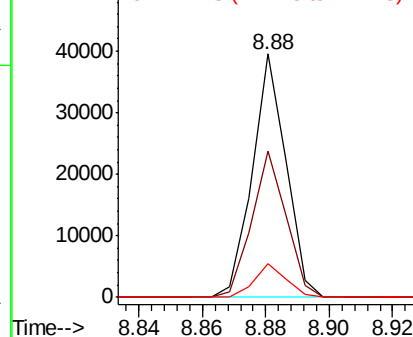
Tot Ion:	237	Resp:	29128
Ion Ratio	Lower	Upper	
237	100		
235	60.0	44.3	84.3
272	13.9	0.0	33.2

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



#42

2,4,6-Tribromophenol

Concen: 107.279 ng

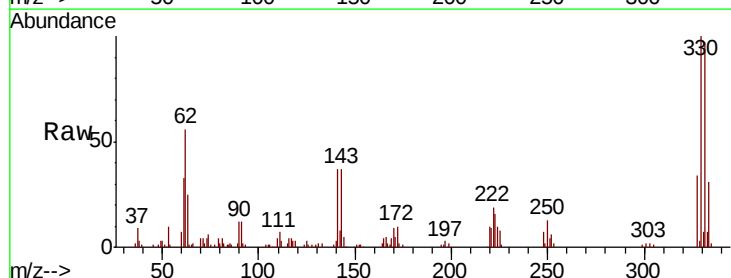
RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

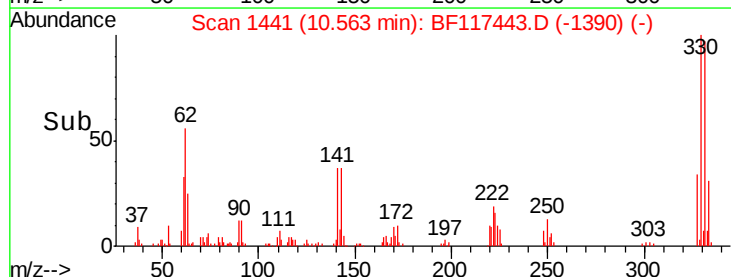
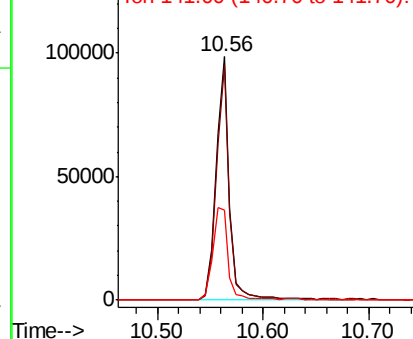
Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Tgt Ion:	330	Resp:	88182
Ion Ratio	Lower	Upper	
330	100		
332	94.0	78.5	117.7
141	44.4	37.0	55.6



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





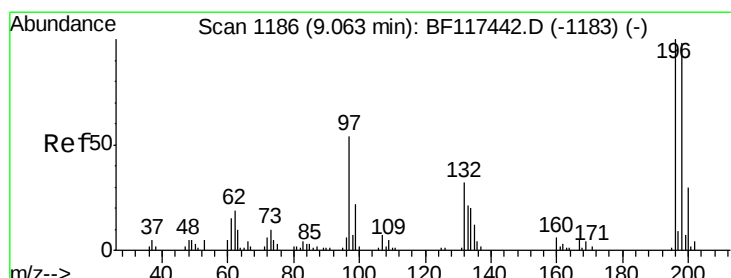
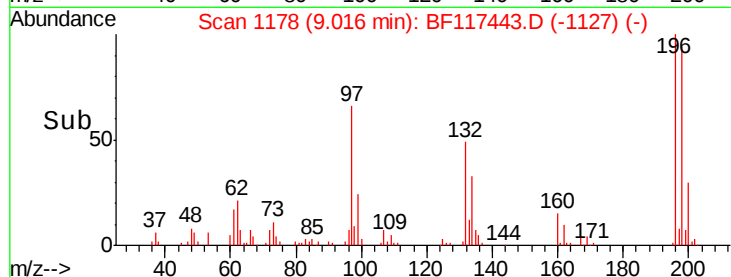
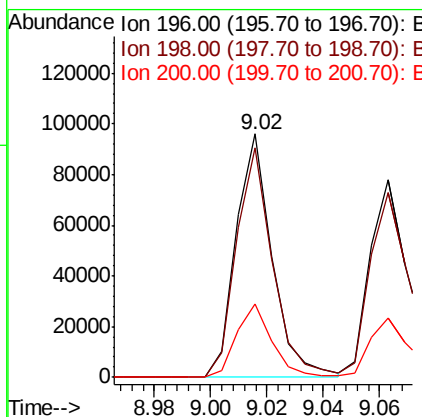
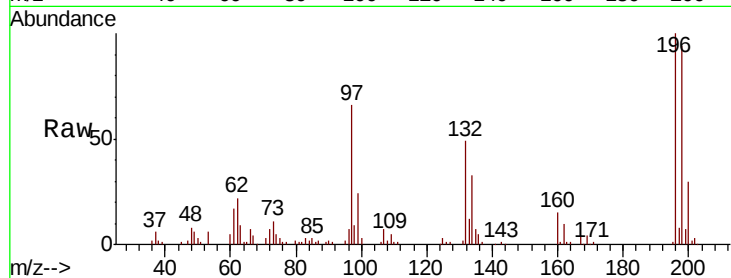
#43
 2,4,6-Trichlorophenol
 Concen: 49.715 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	196	Resp:	85521
Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.1	111.1
200	30.3	23.9	35.9

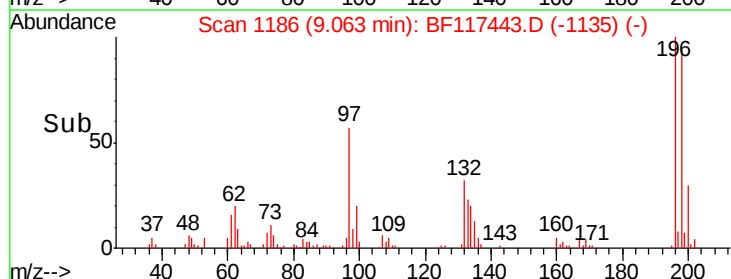
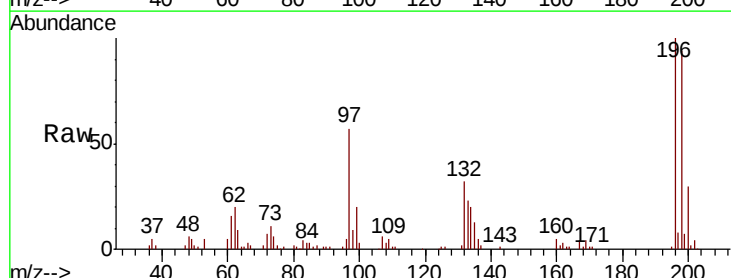
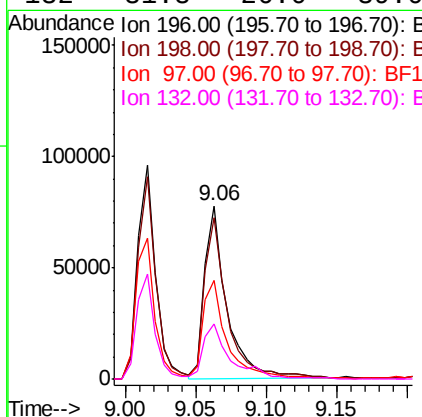
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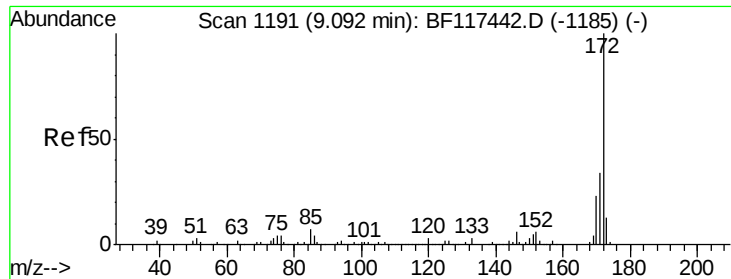
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#44
 2,4,5-Trichlorophenol
 Concen: 48.687 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion:	196	Resp:	85429
Ion	Ratio	Lower	Upper
196	100		
198	93.6	78.6	117.8
97	57.1	43.4	65.2
132	31.8	26.0	39.0





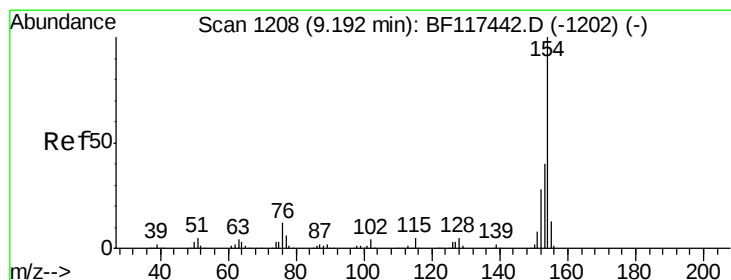
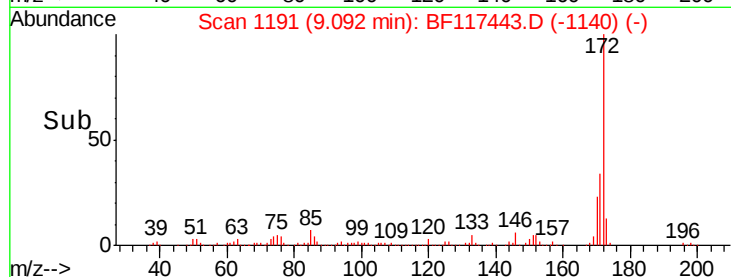
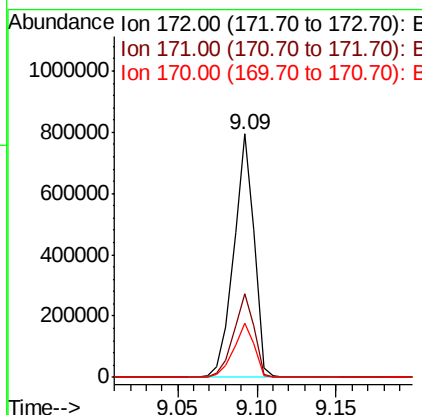
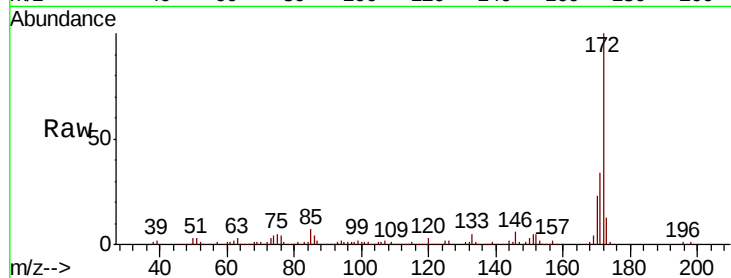
#45
2-Fluorobiphenyl
Concen: 102.063 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	22.5	18.6	27.8

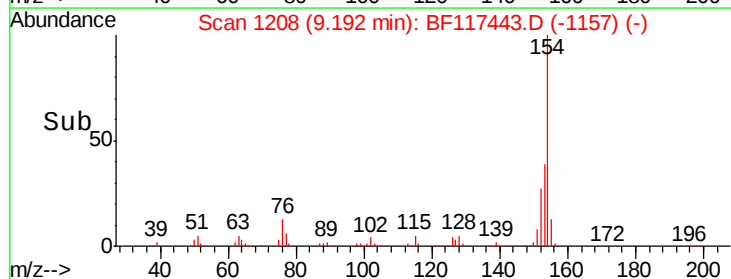
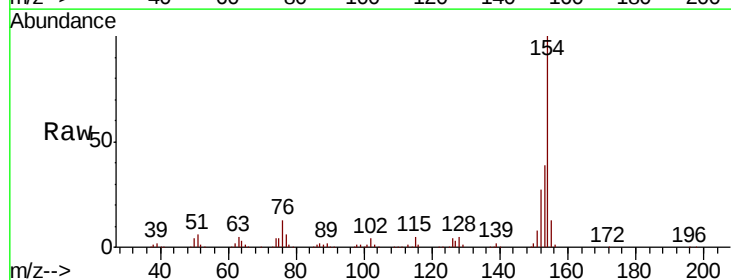
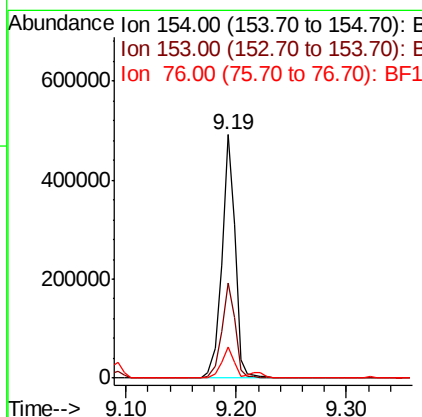
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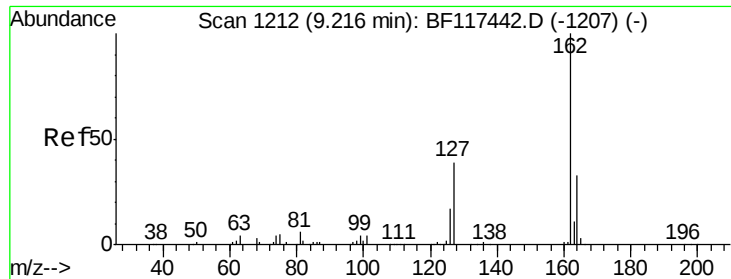
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#46
1,1'-Biphenyl
Concen: 50.110 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.2	60.2
76	12.9	0.0	32.1





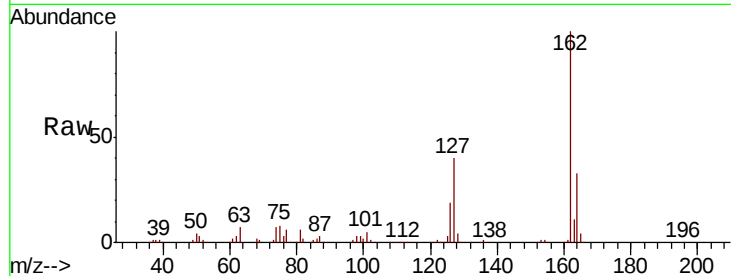
#47
2-Chloronaphthalene
Concen: 48.754 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	34.2	51.4
164	33.4	26.4	39.6

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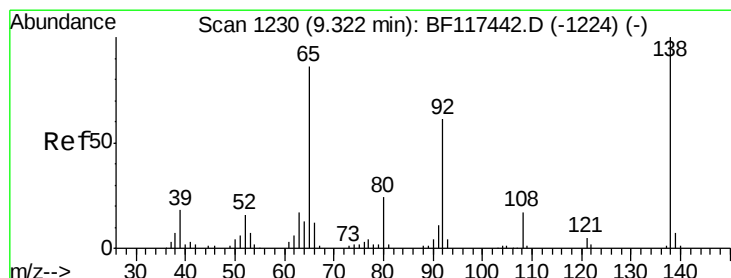
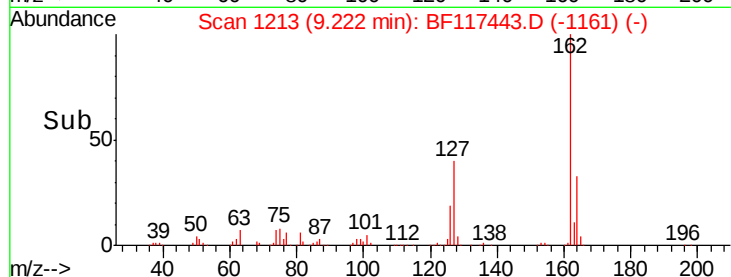
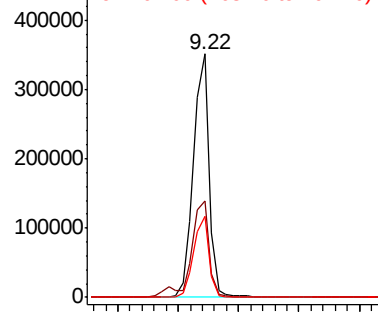


Abundance

Ion 162.00 (161.70 to 162.70): E

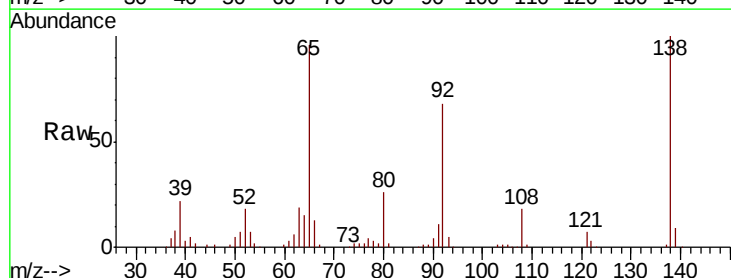
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 50.345 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	57.3	85.9
138	103.7	93.3	139.9

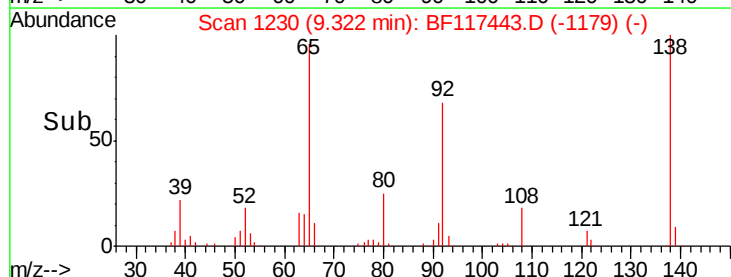
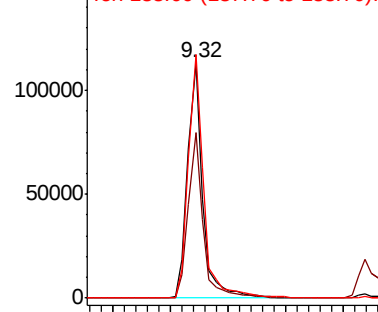


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.270 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

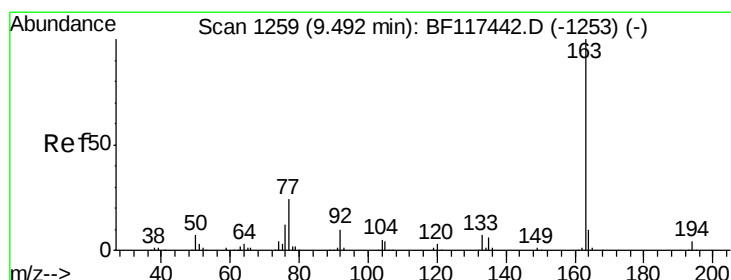
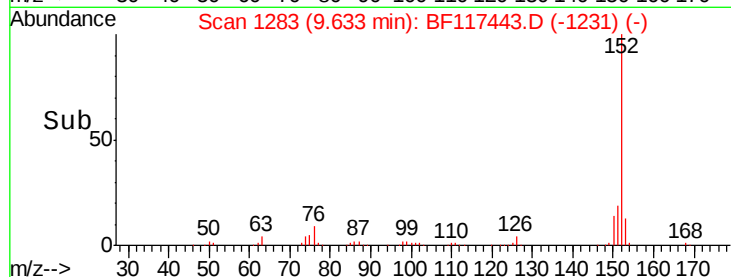
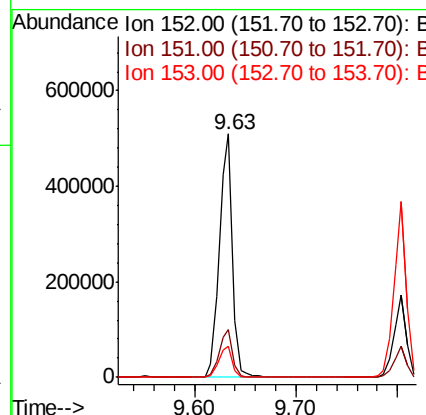
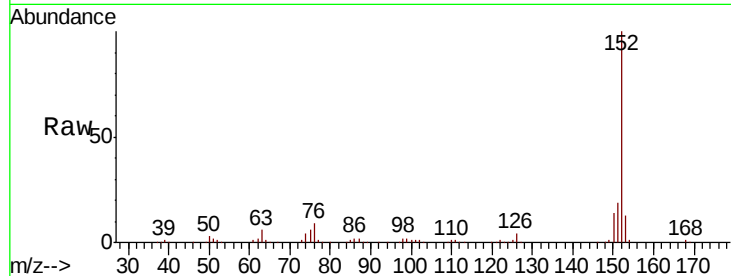
ClientSampleId :

SSTDIC050

Tot Ion:	152	Resp:	455137
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.4	23.0
153	12.7	10.3	15.5

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#50

Dimethylphthalate

Concen: 48.966 ng

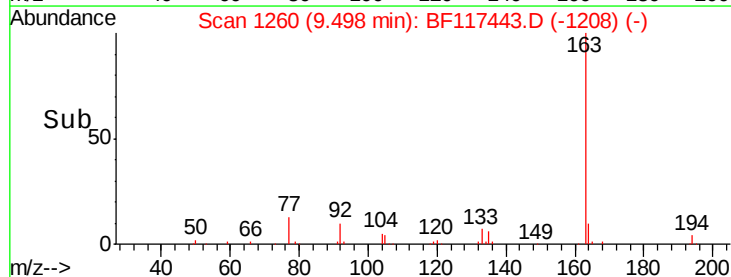
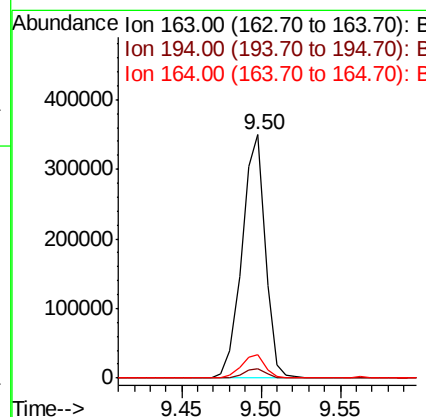
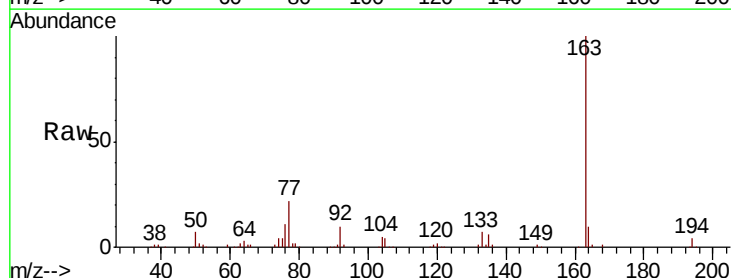
RT: 9.50 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Tgt Ion:	163	Resp:	355175
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.9	4.3
164	9.7	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 48.818 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:165 Resp: 74429

Ion Ratio Lower Upper

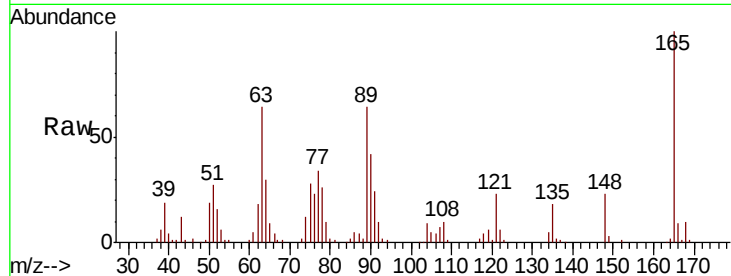
165 100

63 63.6 43.8 65.8

89 64.4 47.6 71.4

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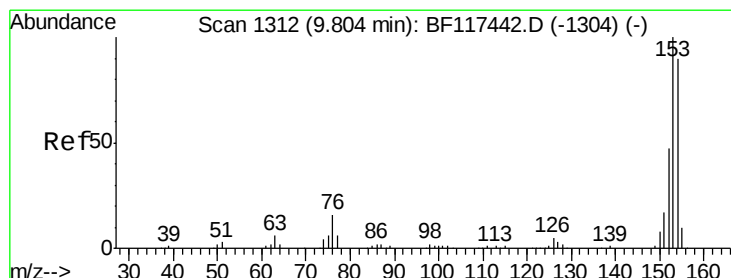
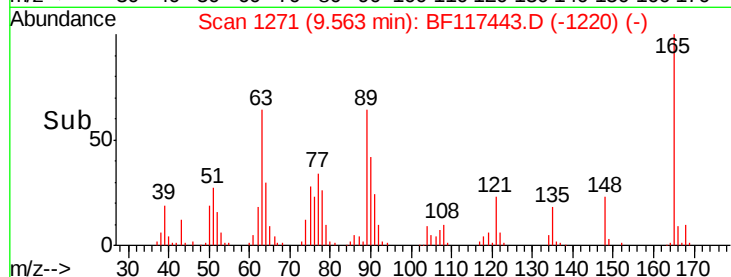
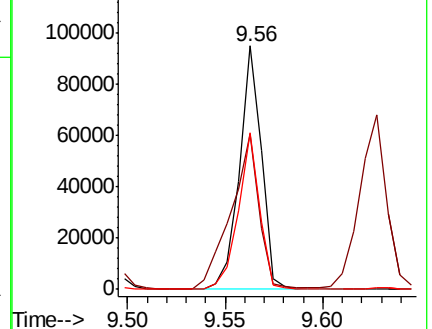
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 48.556 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

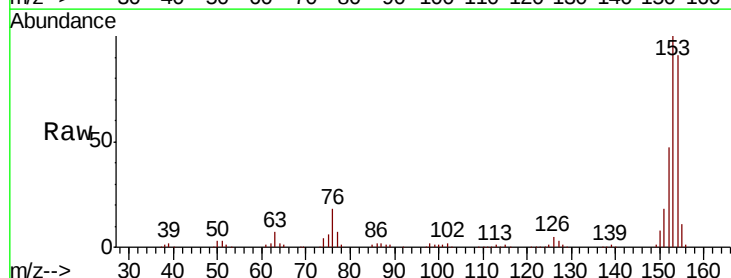
Tgt Ion:154 Resp: 278200

Ion Ratio Lower Upper

154 100

153 109.5 89.2 133.8

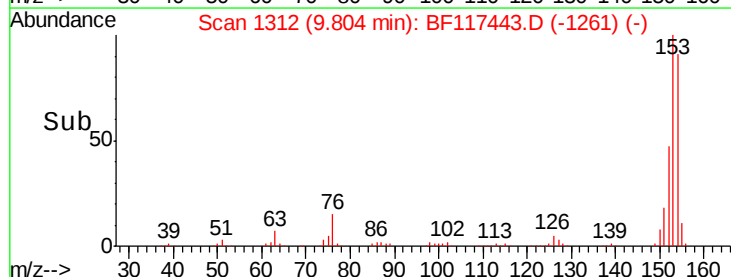
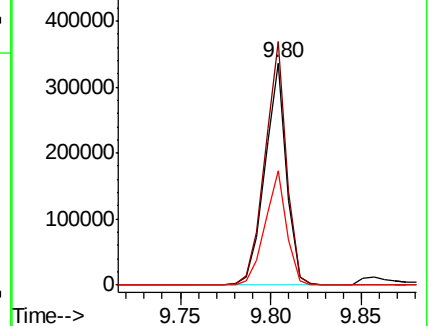
152 51.5 41.8 62.6

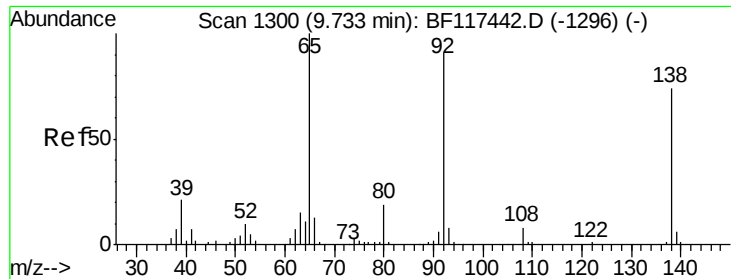


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





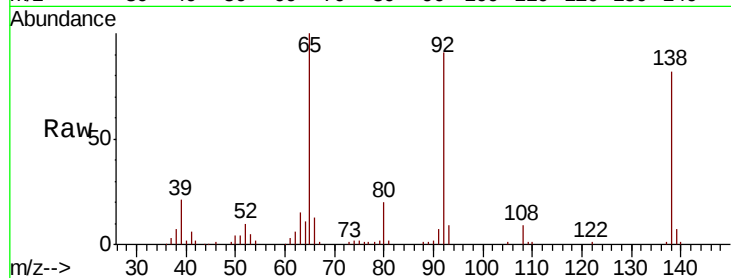
#53
3-Nitroaniline
Concen: 48.084 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	111.6	98.4	147.6

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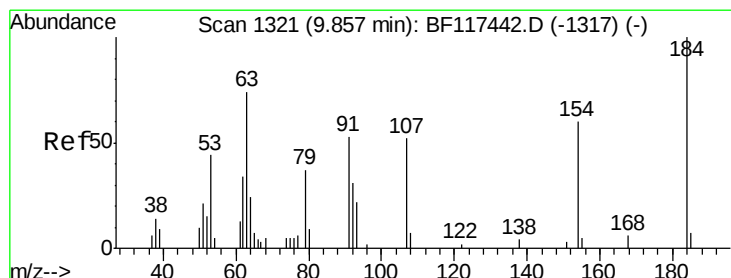
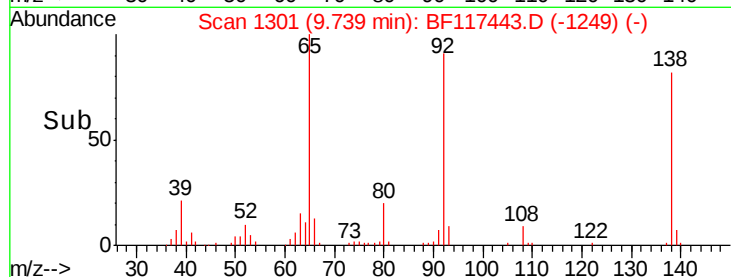
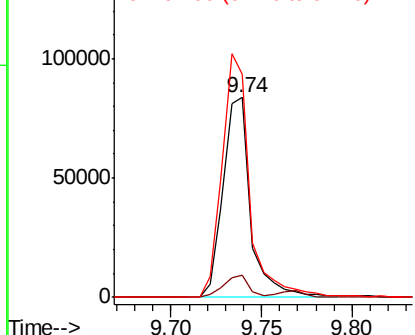


Abundance

Ion 138.00 (137.70 to 138.70): E

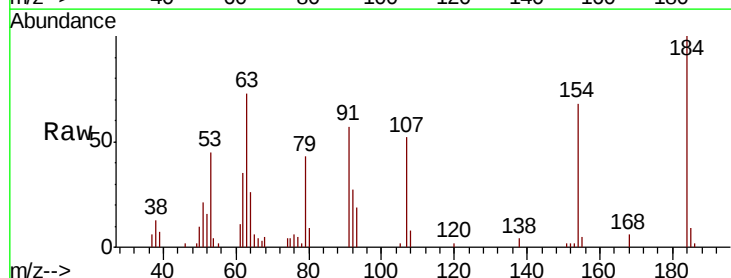
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 48.519 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.1	59.2	88.8
154	67.9	53.4	80.0

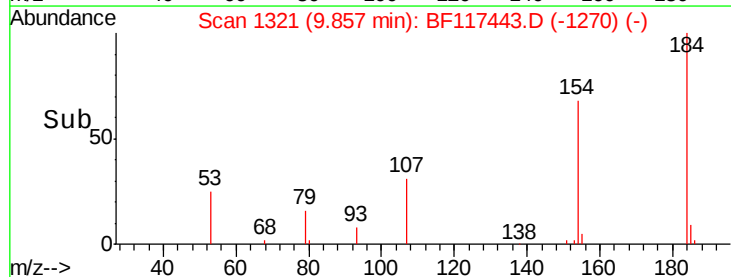
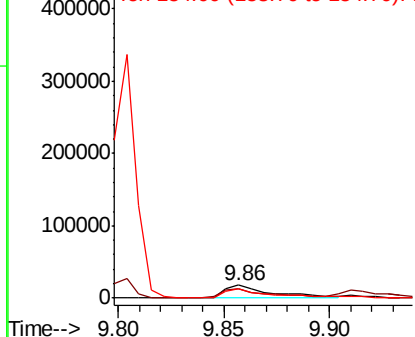


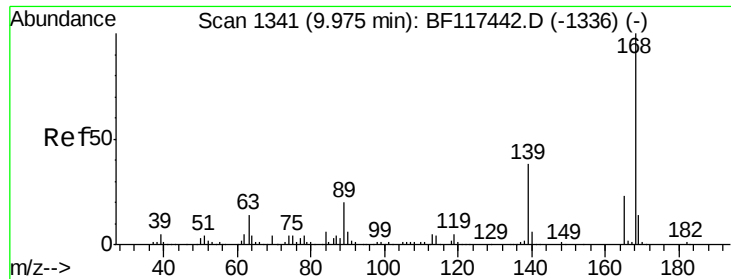
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





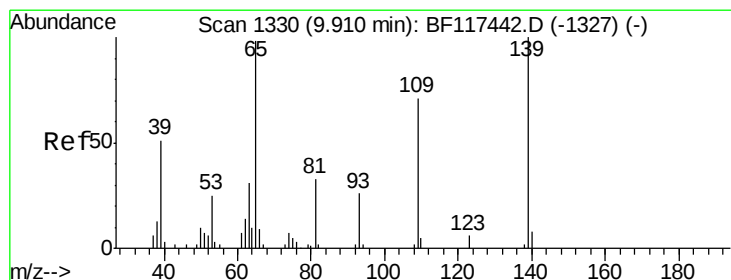
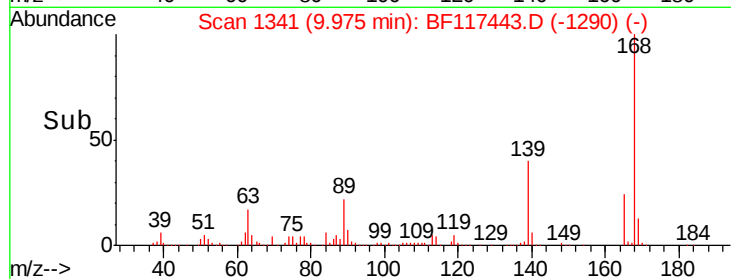
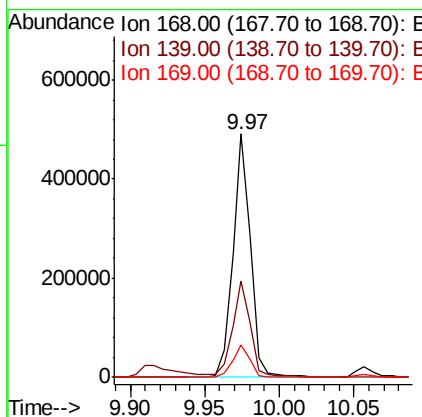
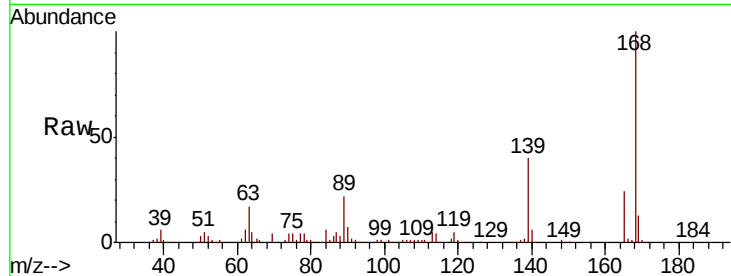
#55
Dibenzofuran
Concen: 48.956 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.8	47.6
169	13.4	11.2	16.8

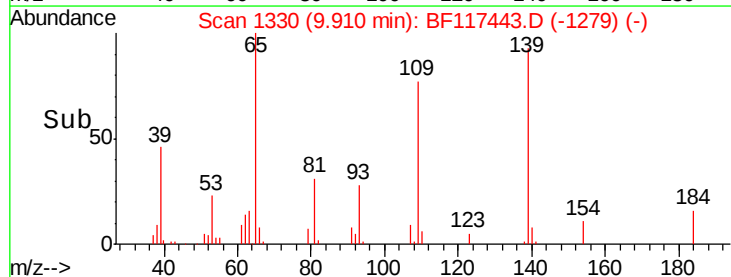
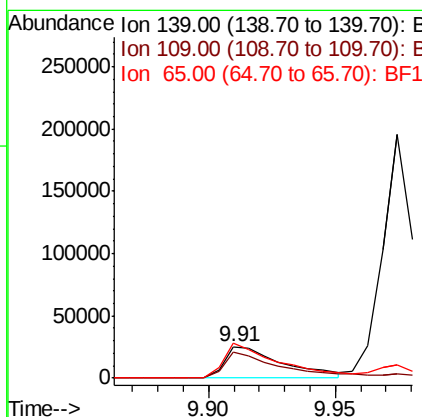
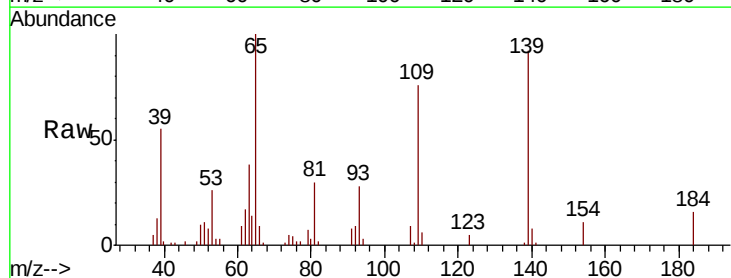
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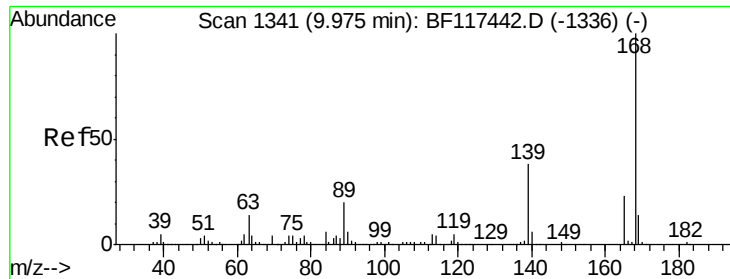
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#56
4-Nitrophenol
Concen: 54.812 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.2	51.4	91.4
65	108.9	79.4	119.4





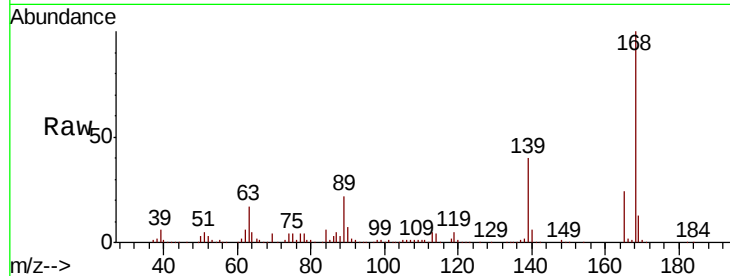
#57
2,4-Dinitrotoluene
Concen: 49.403 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	99384		
63	71.2		51.4	77.0
89	92.2		69.9	104.9
182	2.0		1.9	2.9

Manual Integrations
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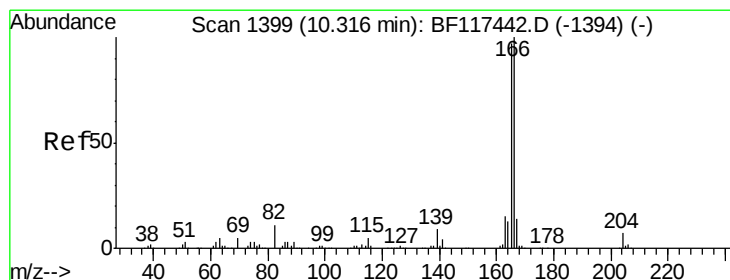
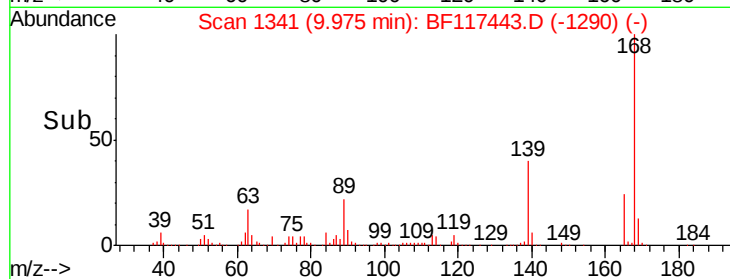
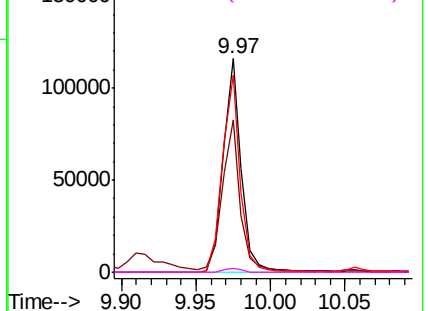
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.678 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

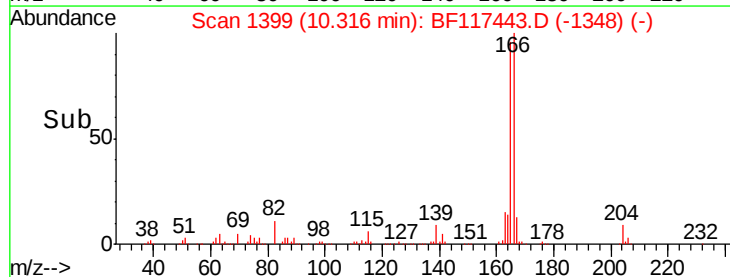
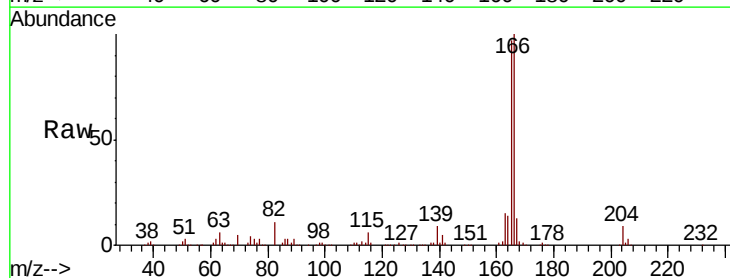
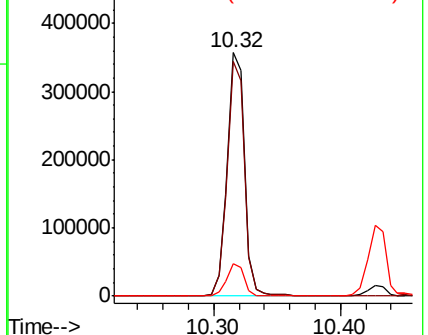
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	338754		
165	96.6		77.6	116.4
167	13.3		11.0	16.4

Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





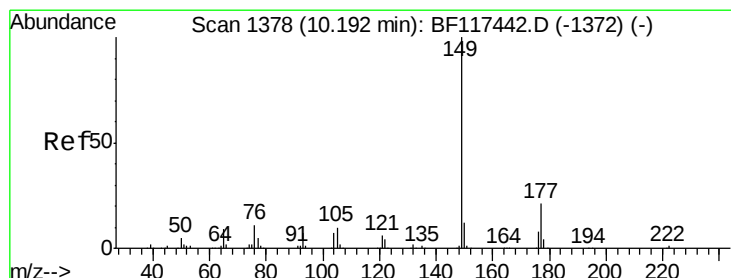
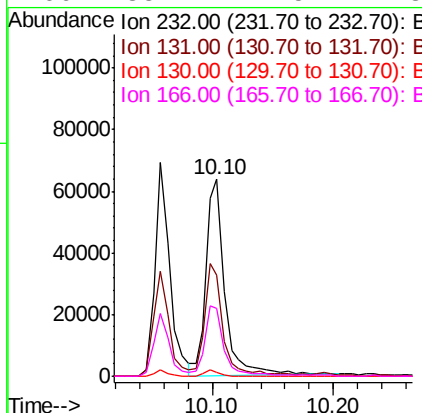
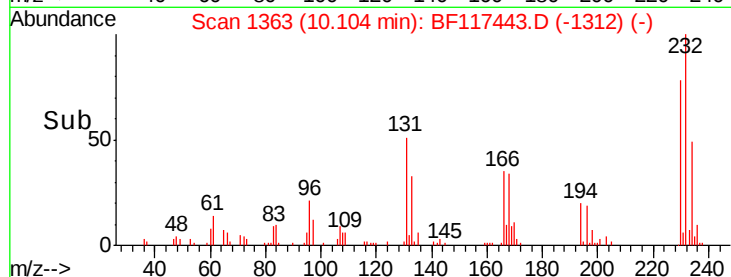
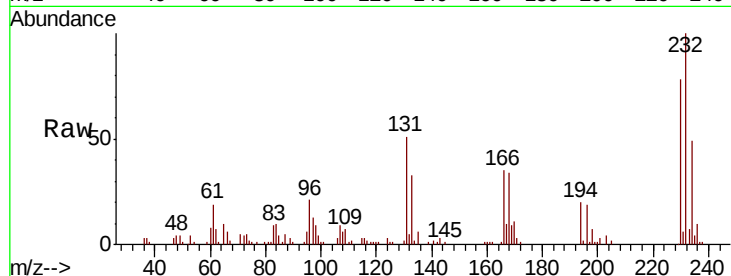
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.473 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	58.2	42.6	63.8
130	2.4	2.2	3.4
166	35.1	27.5	41.3

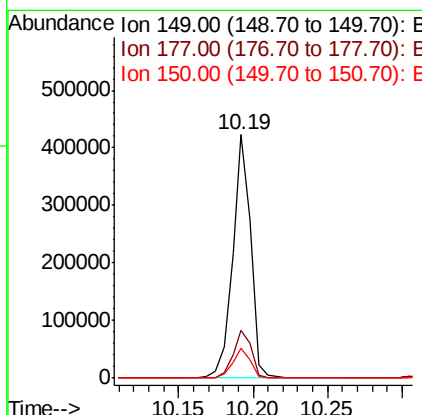
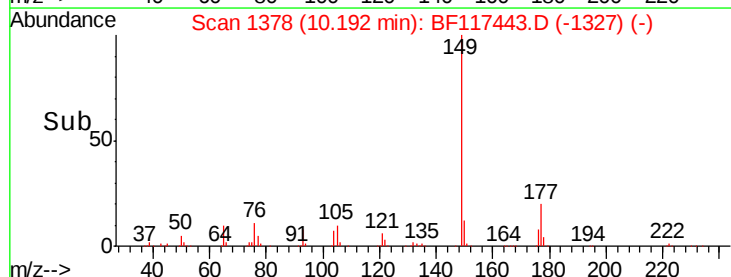
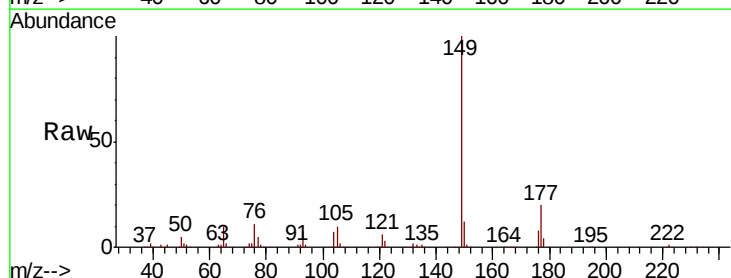
Manual Integrations
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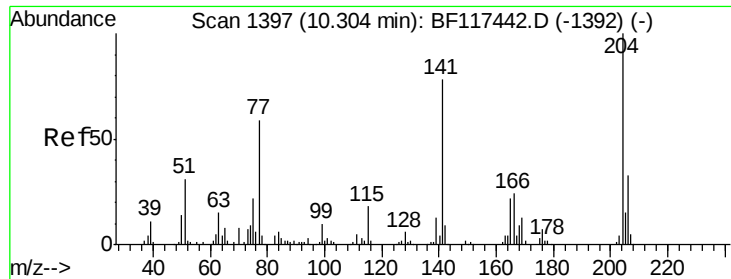
mohammad
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#60
Diethylphthalate
Concen: 49.142 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.6	17.0	25.4
150	12.1	9.8	14.6





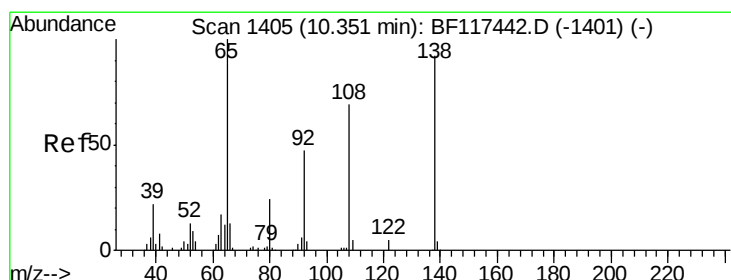
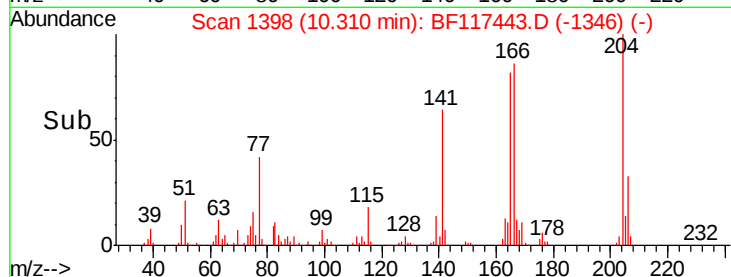
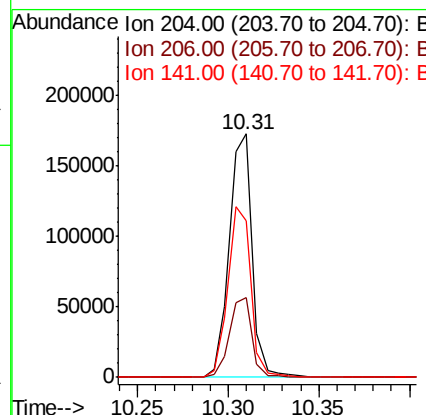
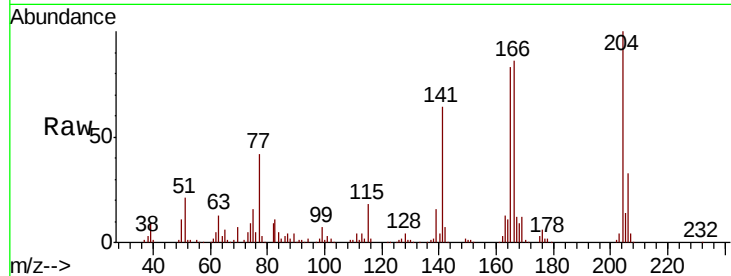
#61
4-Chlorophenyl-phenylether
Concen: 49.537 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.3	39.5
141	64.2	62.2	93.4

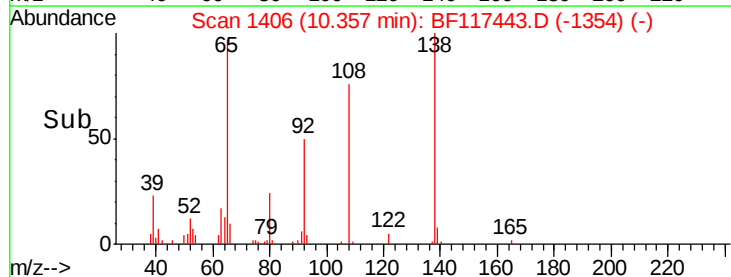
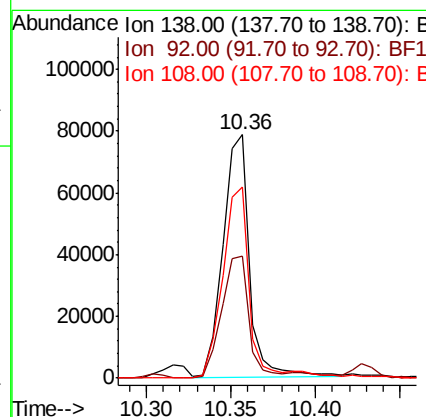
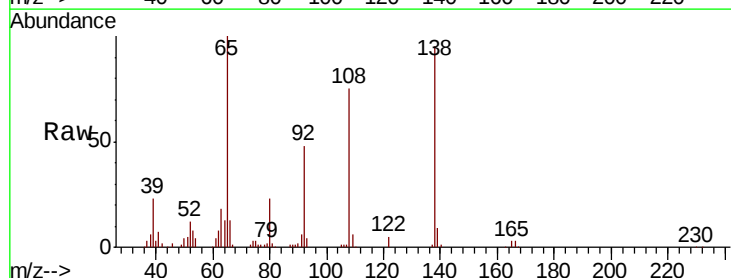
Manual Integrations
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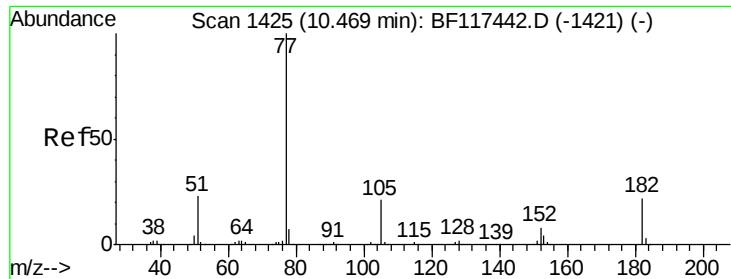
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#62
4-Nitroaniline
Concen: 48.286 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	30.3	70.3
108	78.5	54.9	94.9





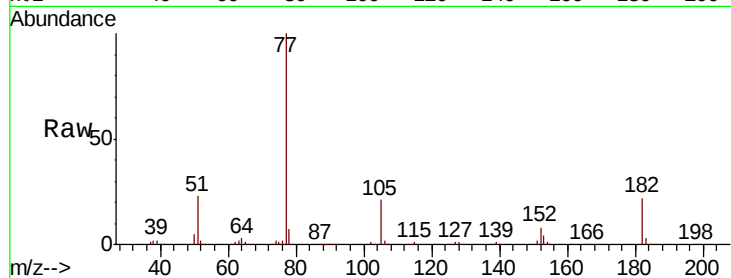
#63
Azobenzene
Concen: 49.952 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

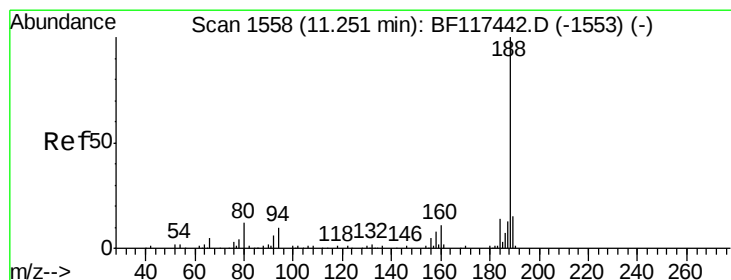
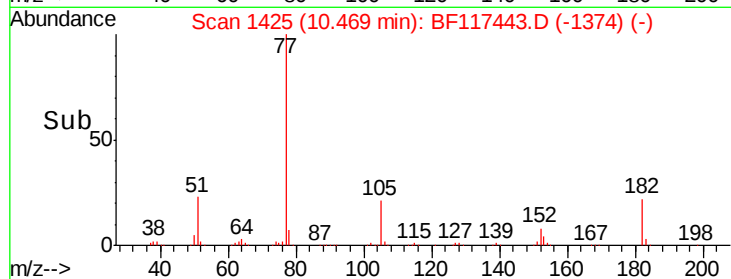
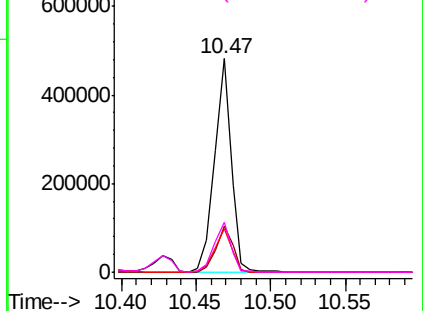
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.6	2.3	42.3	
105	20.6	1.3	41.3	
51	23.4	3.5	43.5	

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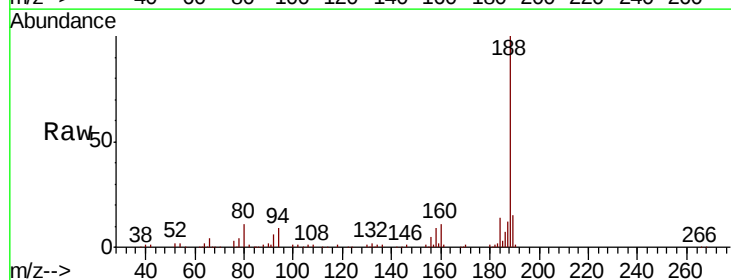


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

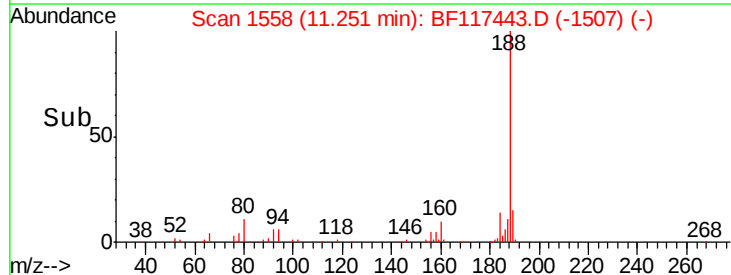
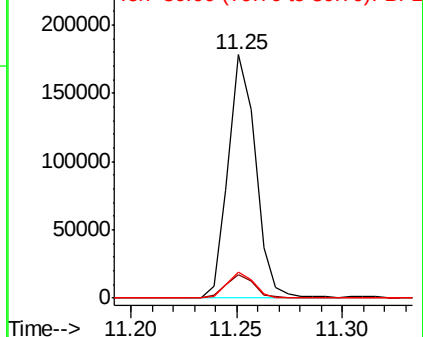


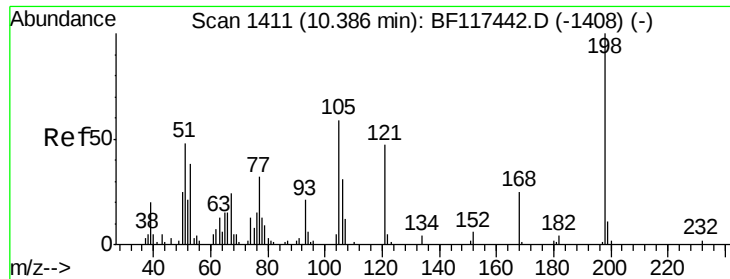
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	8.0	12.0	
80	10.9	9.5	14.3	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 52.587 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:198 Resp: 42498

Ion Ratio Lower Upper

198 100

51 42.6 29.1 69.1

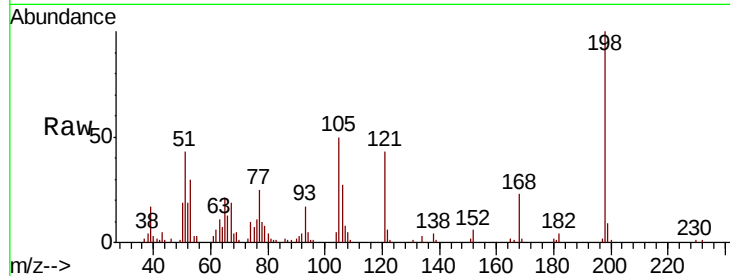
105 50.2 39.4 79.4

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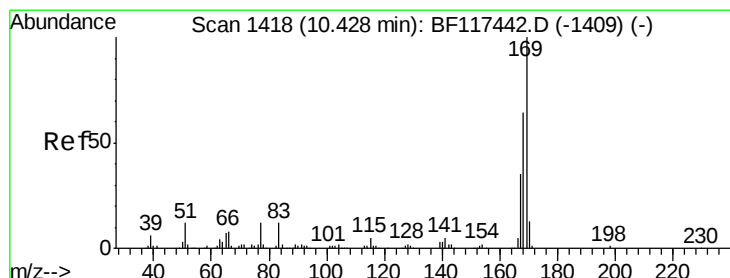
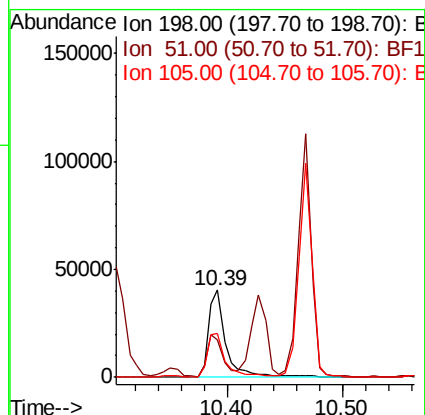
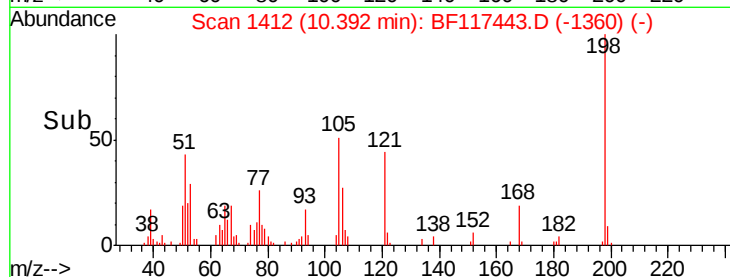
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.143 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

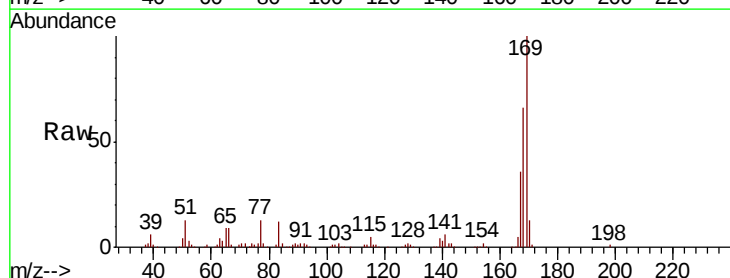
Tgt Ion:169 Resp: 289334

Ion Ratio Lower Upper

169 100

168 65.8 51.3 76.9

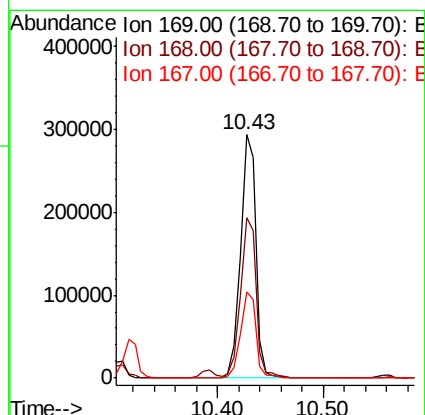
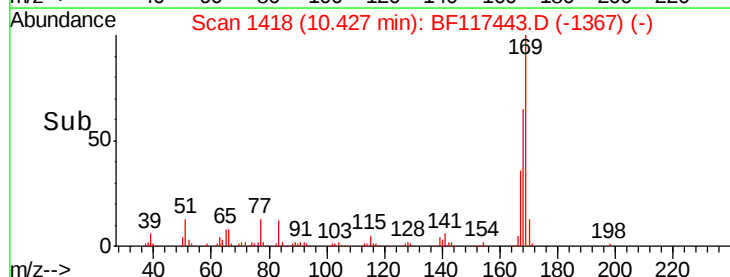
167 35.7 28.2 42.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





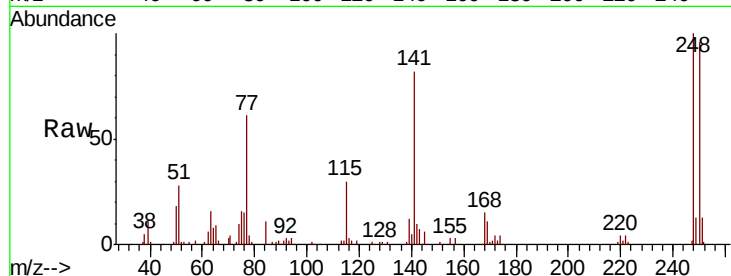
#67
4-Bromophenyl-phenylether
Concen: 48.832 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.0	117.0
141	81.6	81.7	122.5

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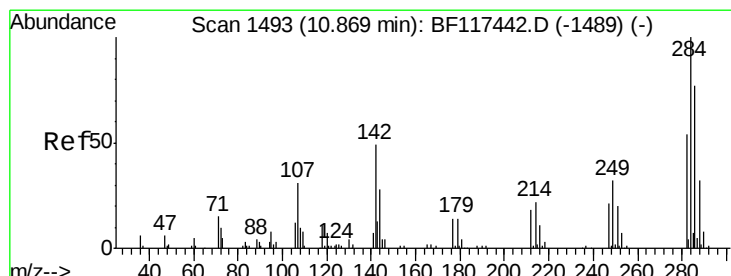
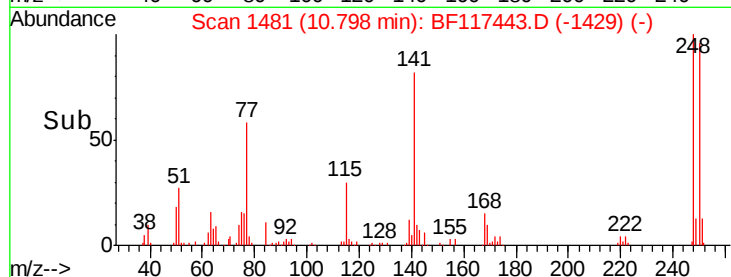
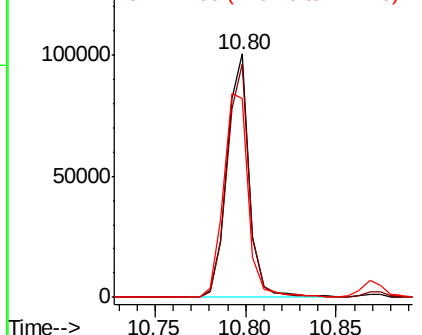


Abundance

Ion 248.00 (247.70 to 248.70): E

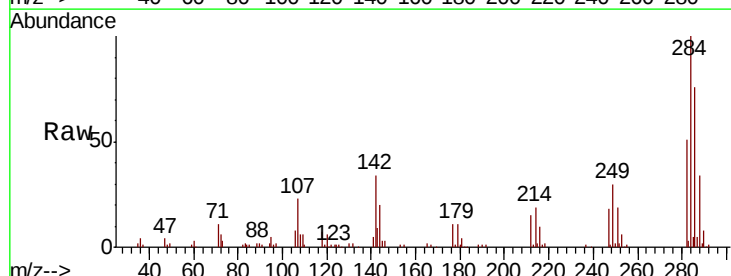
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.958 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	39.0	58.6
249	29.9	25.7	38.5

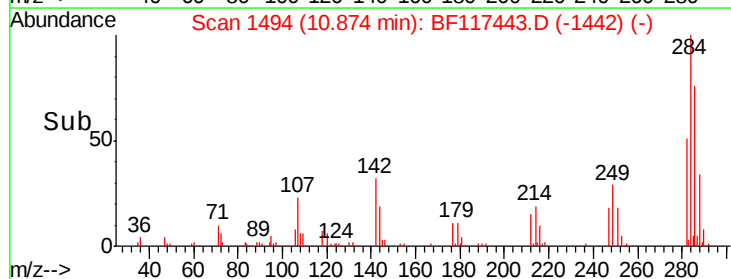
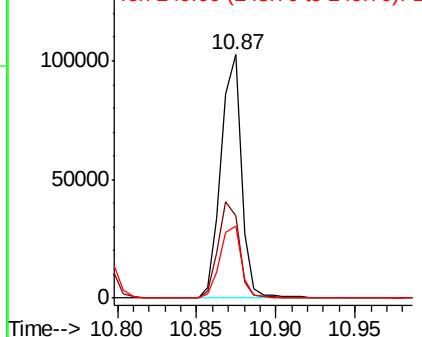


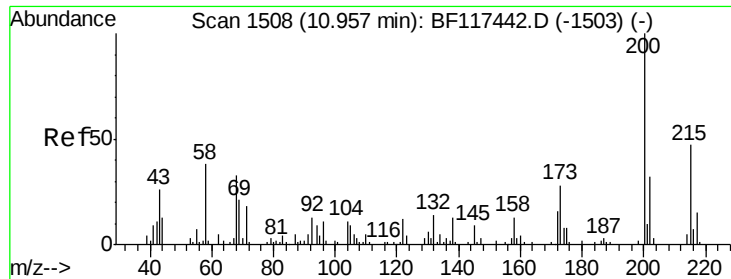
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





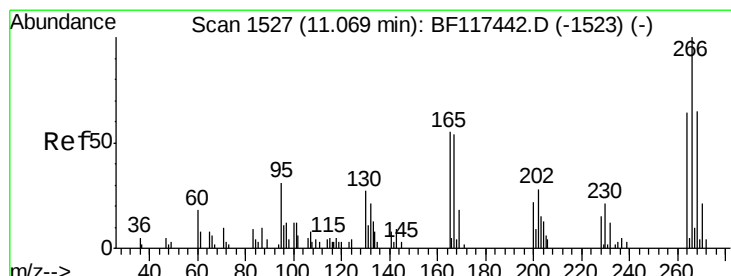
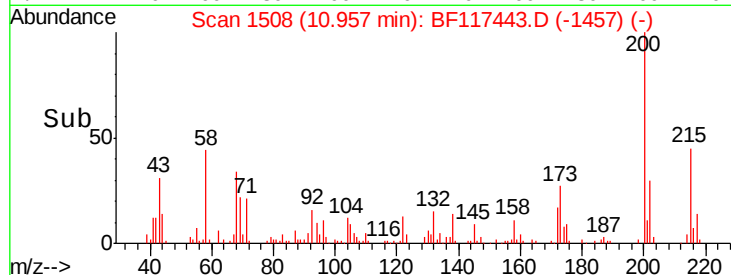
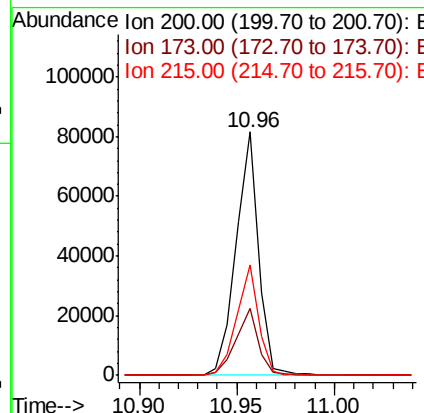
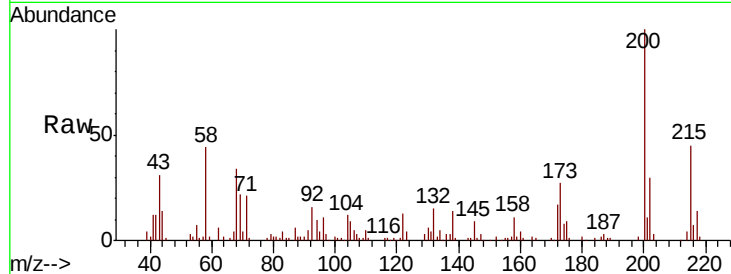
#69
Atrazine
Concen: 67.074 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.2	48.2
215	45.2	26.8	66.8

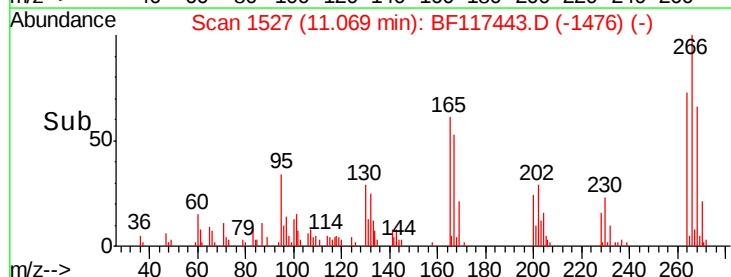
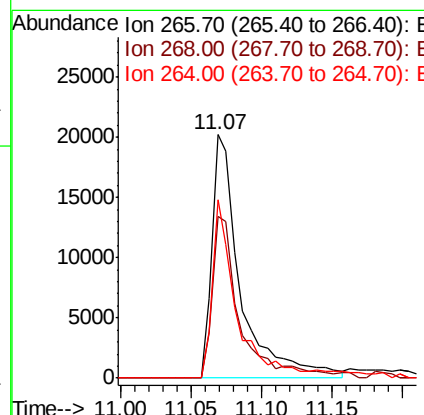
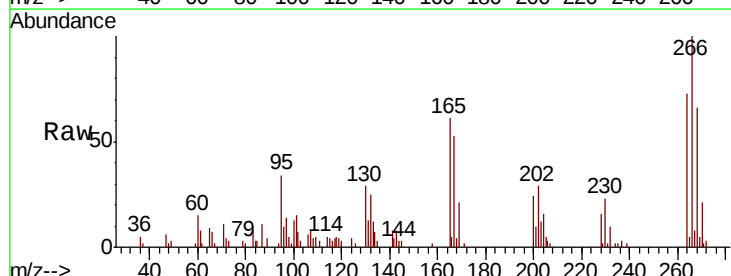
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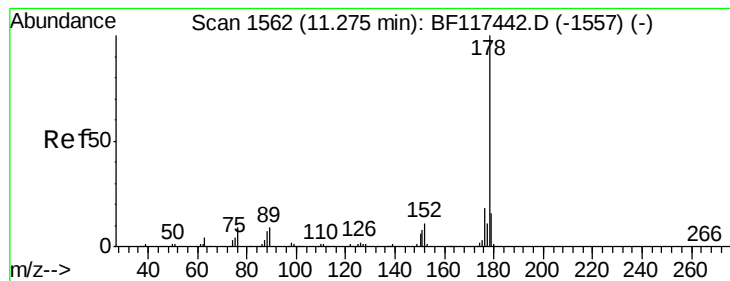
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#70
Pentachlorophenol
Concen: 50.257 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.6	77.4
264	73.4	51.4	77.2





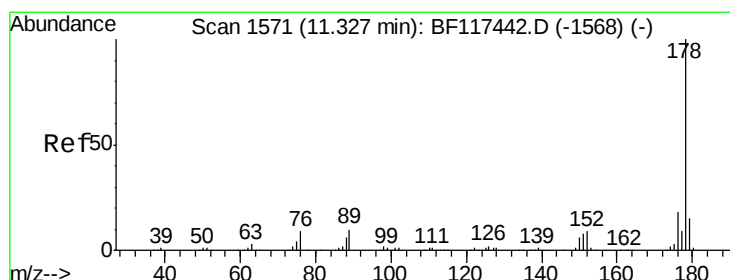
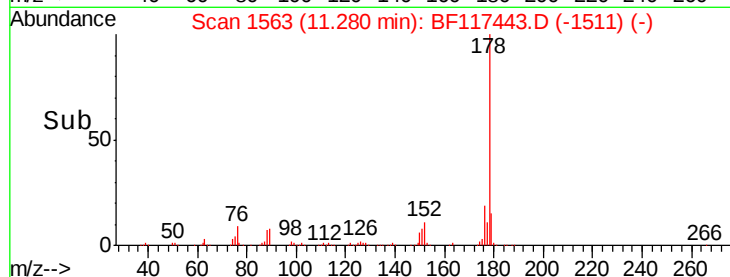
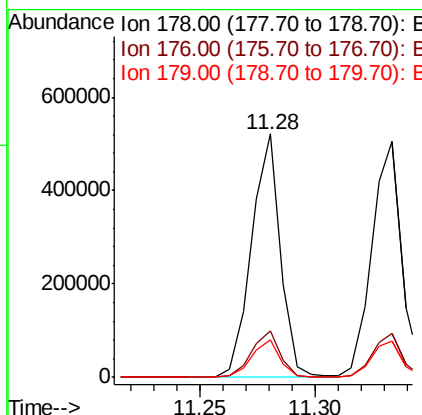
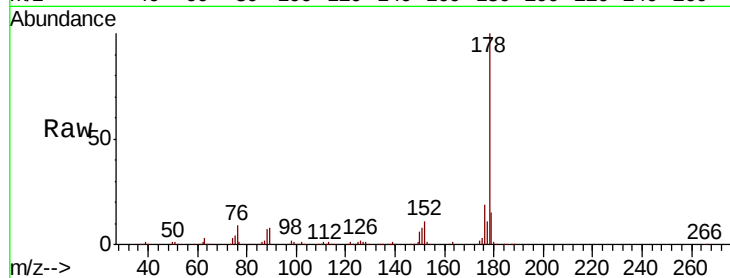
#71
Phenanthrene
Concen: 48.371 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.2	14.6	22.0	
179	15.3	12.6	19.0	

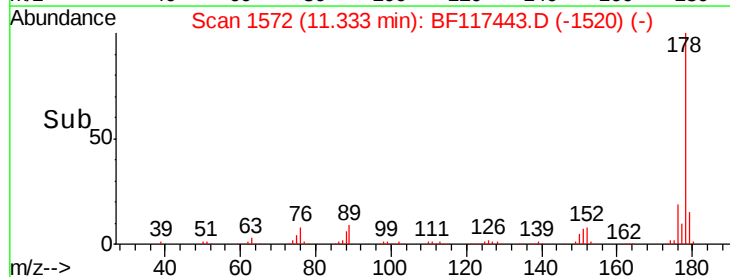
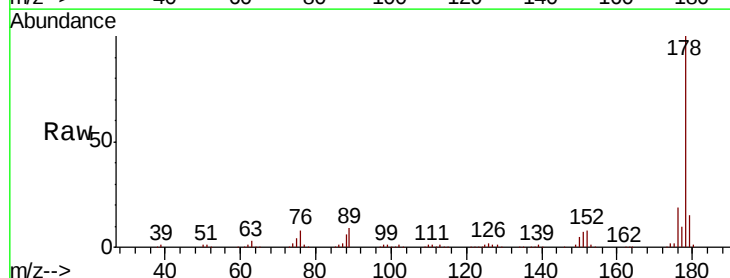
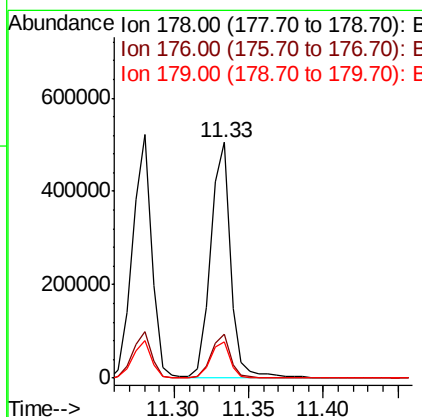
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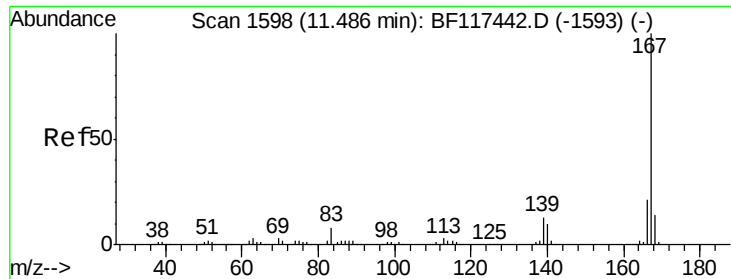
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#72
Anthracene
Concen: 47.646 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.6	14.7	22.1	
179	15.3	12.2	18.2	





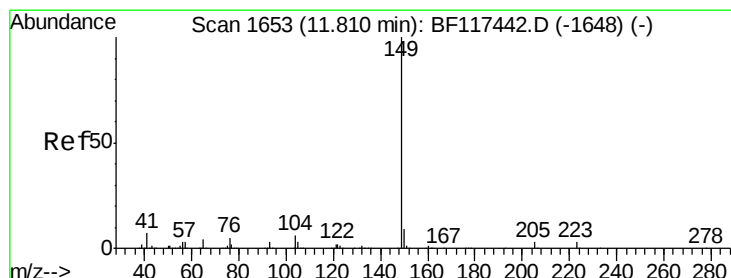
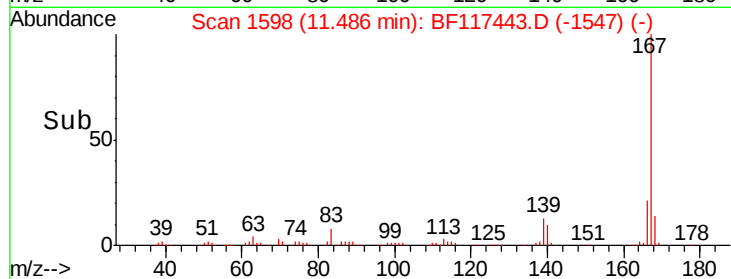
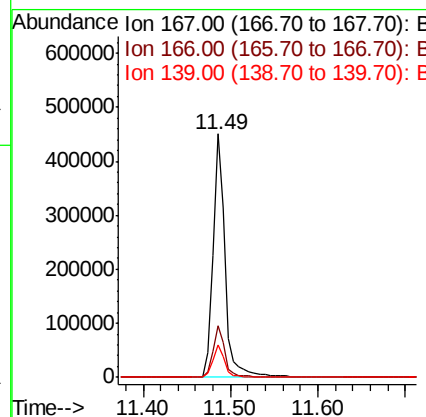
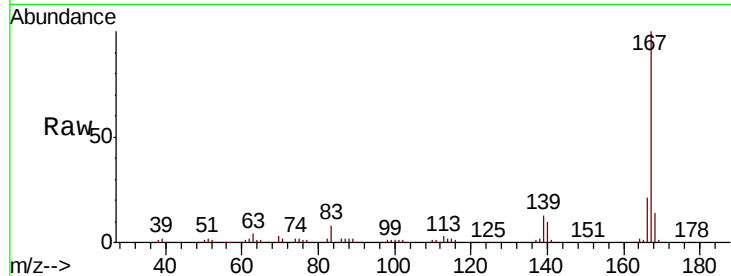
#73
 Carbazole
 Concen: 48.495 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	13.4	10.6	16.0

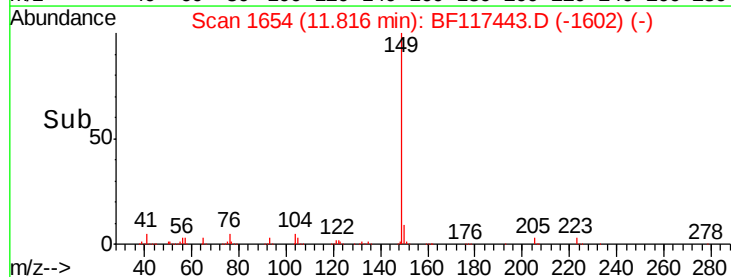
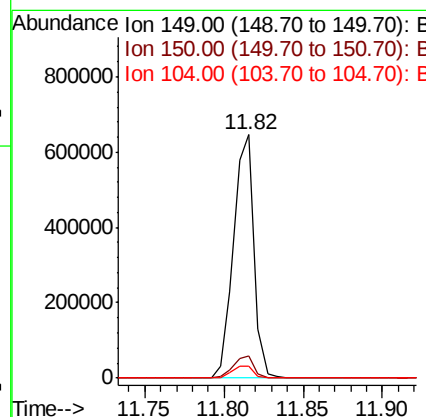
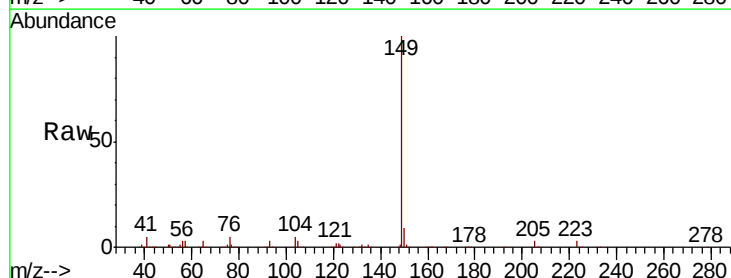
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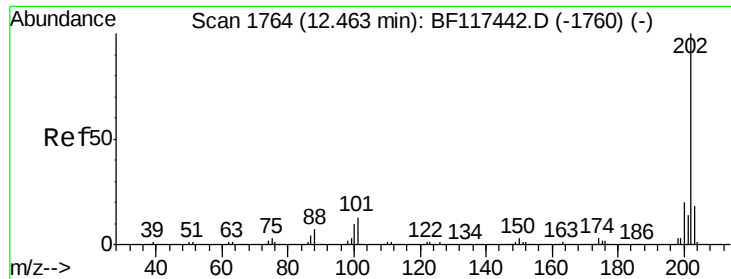
mohammad
 10/20/2019 8:04:33 PM



#74
 Di-n-butylphthalate
 Concen: 48.061 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	5.1	4.6	6.8





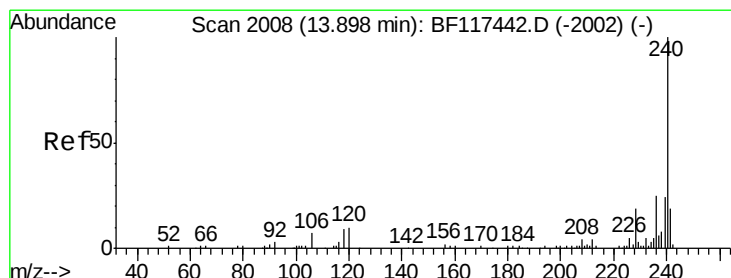
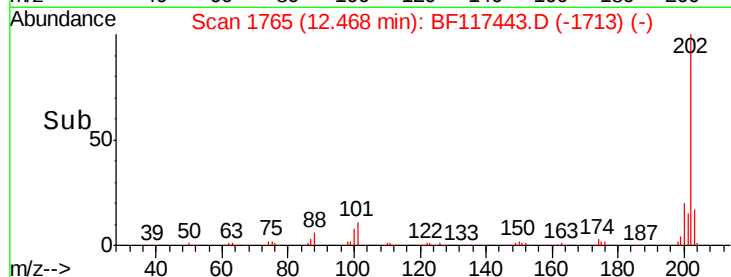
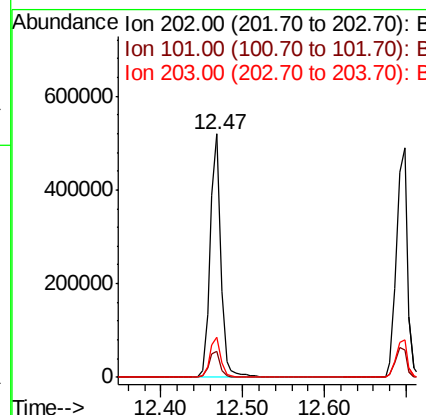
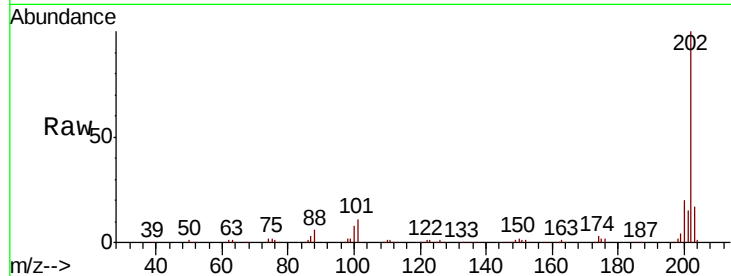
#75
 Fluoranthene
 Concen: 49.728 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
202	100	470252		
101	10.7		0.0	32.7
203	16.5		0.0	37.6

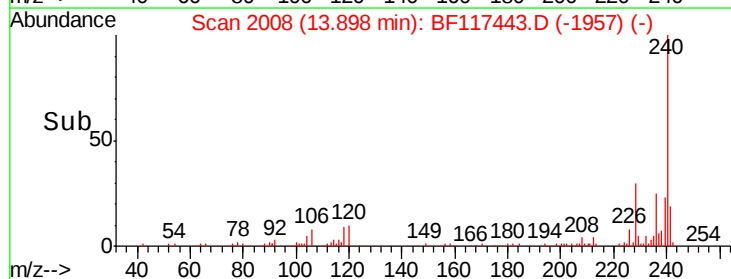
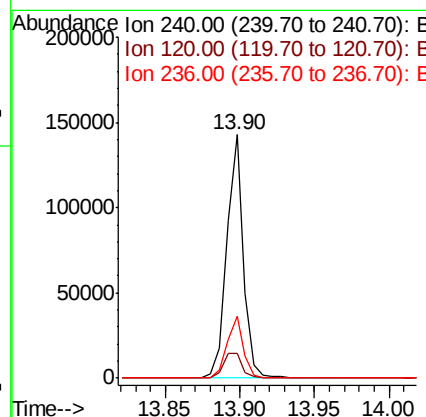
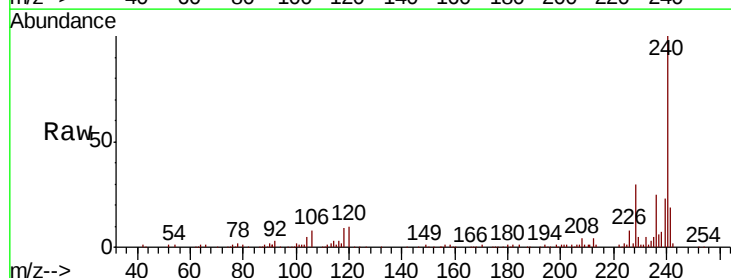
Manual Integrations
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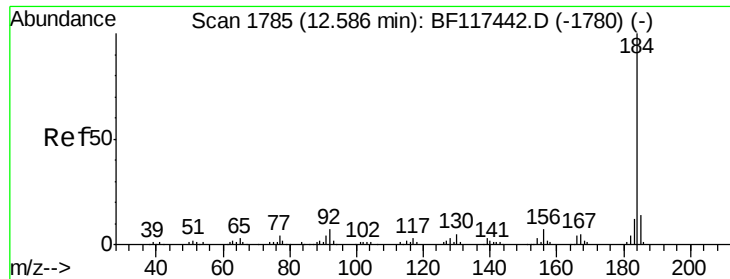
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	112417		
120	10.1		8.4	12.6
236	25.5		20.0	30.0





#77

Benzidine

Concen: 51.486 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:184 Resp: 143149

Ion Ratio Lower Upper

184 100

185 15.4 11.4 17.0

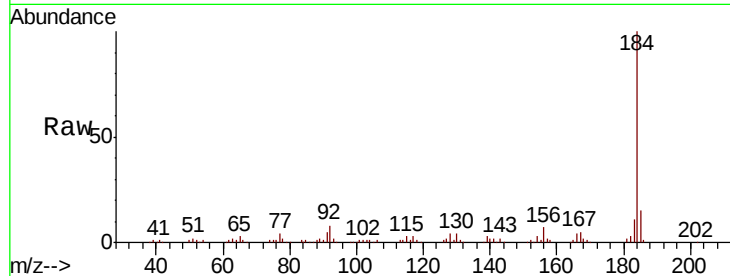
183 10.6 9.6 14.4

Manual Integrations

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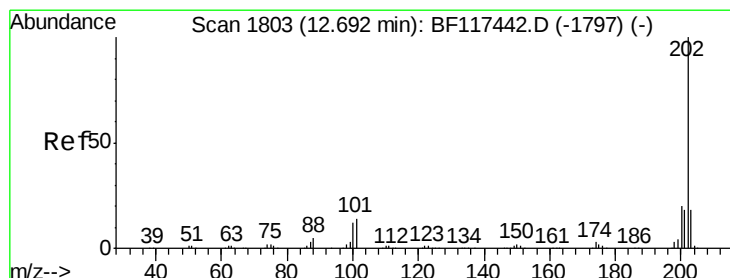
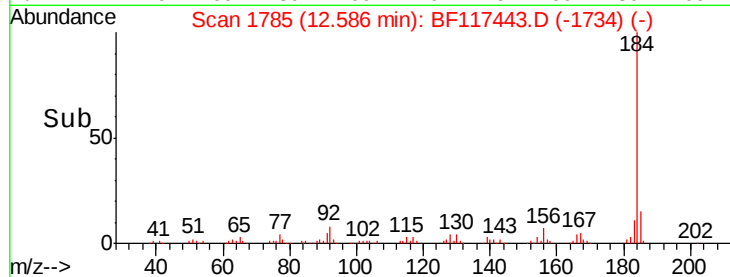
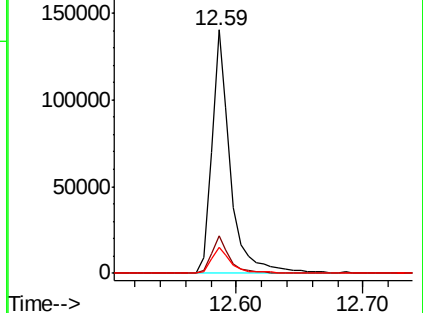
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.330 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

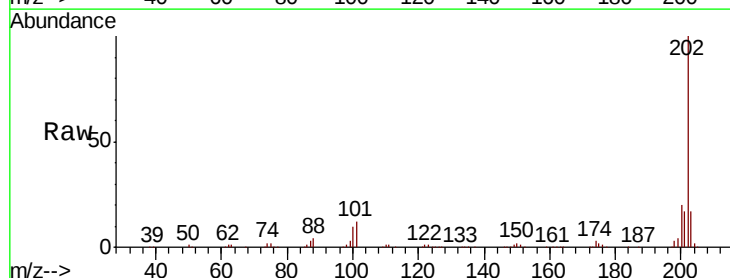
Tgt Ion:202 Resp: 470320

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

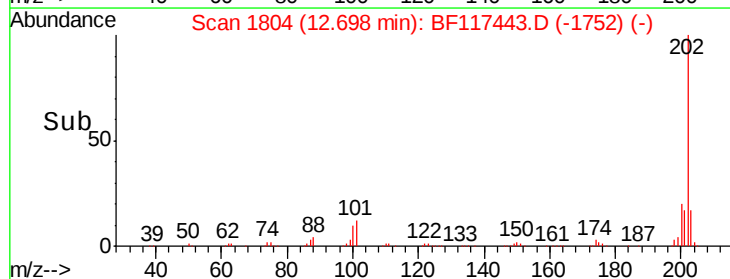
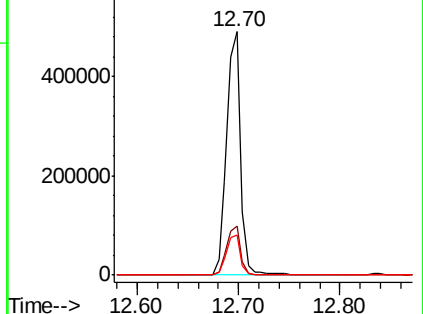
203 16.6 14.0 21.0

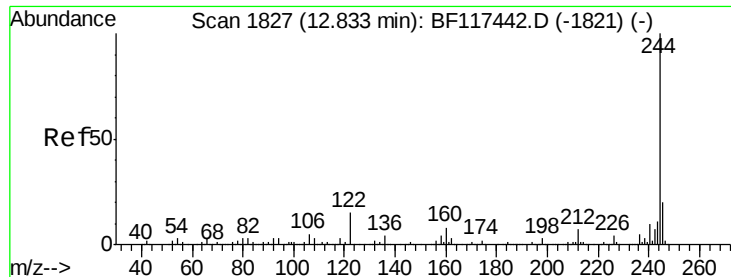


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





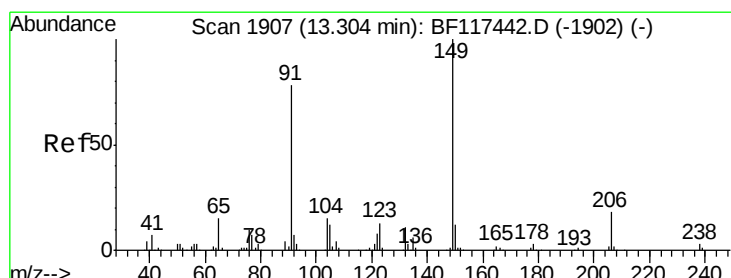
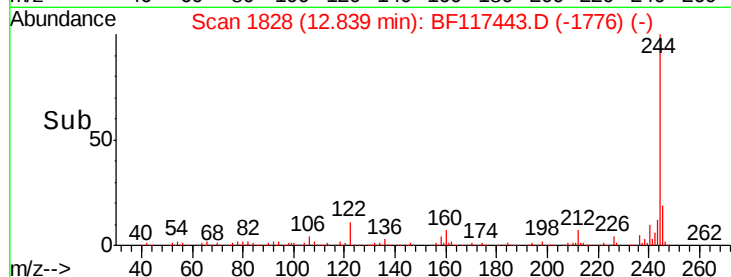
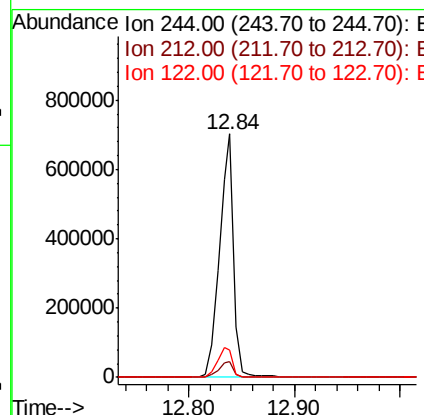
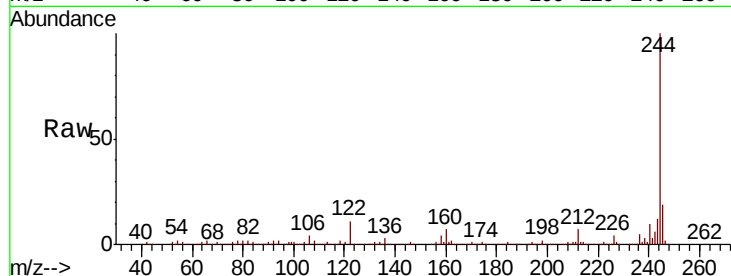
#79
 Terphenyl-d14
 Concen: 96.435 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	11.4	11.8	17.8

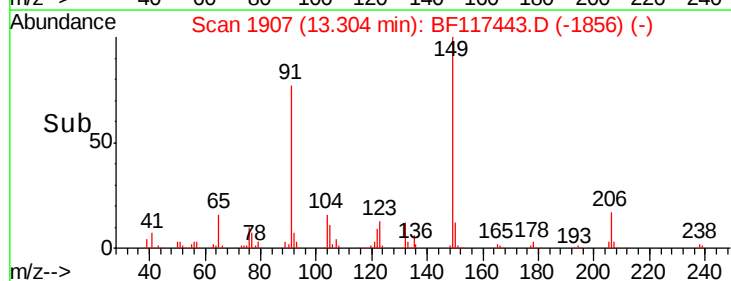
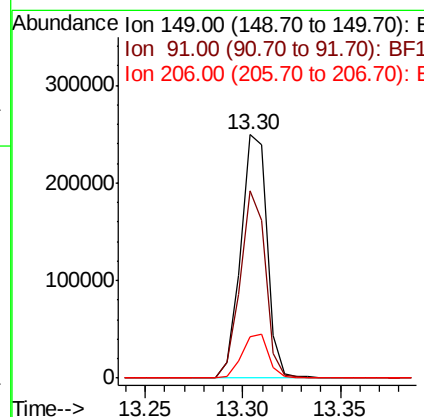
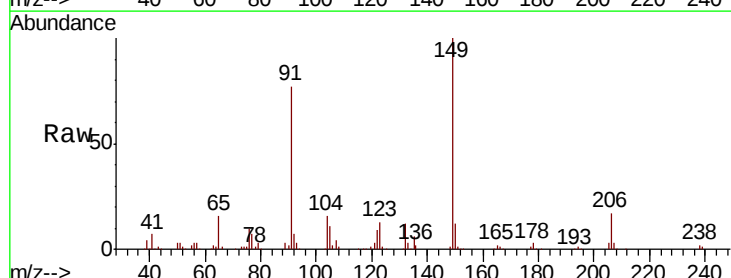
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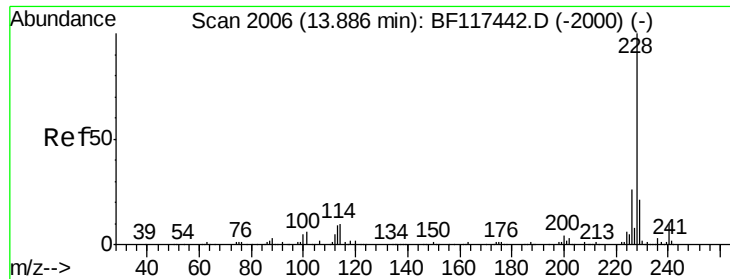
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.954 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.9	62.1	93.1
206	17.0	14.3	21.5





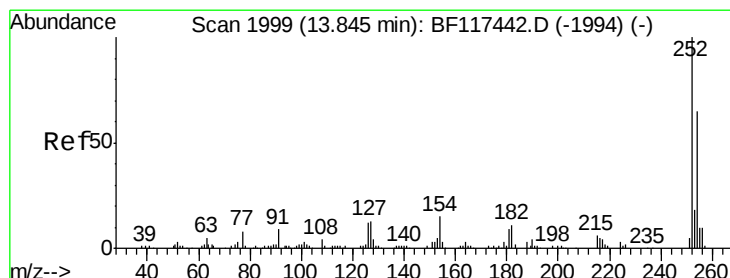
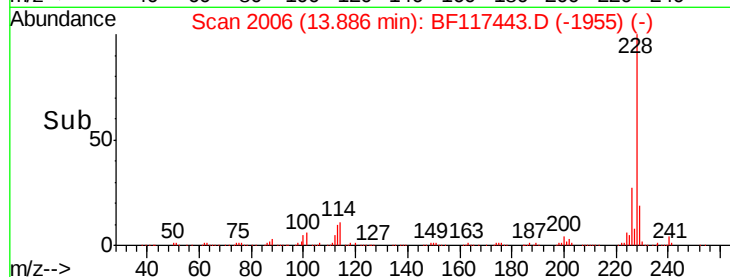
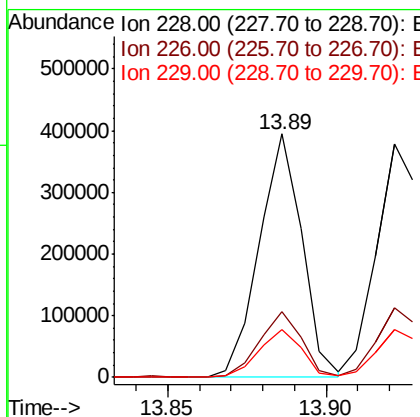
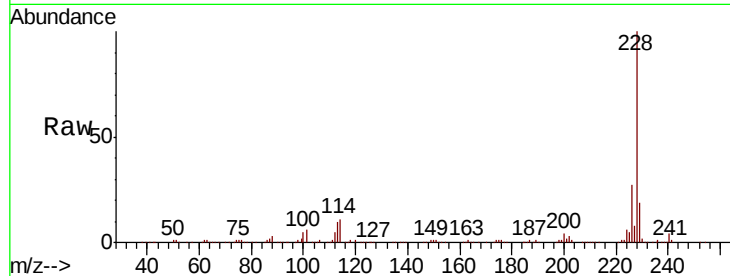
#81
Benzo(a)anthracene
Concen: 47.957 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.0	31.4
229	19.4	16.4	24.6

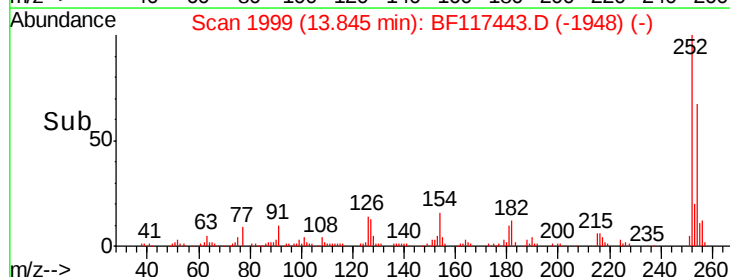
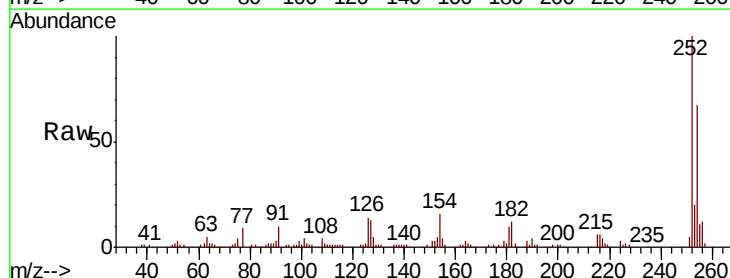
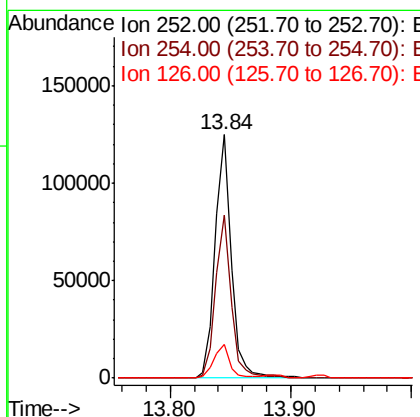
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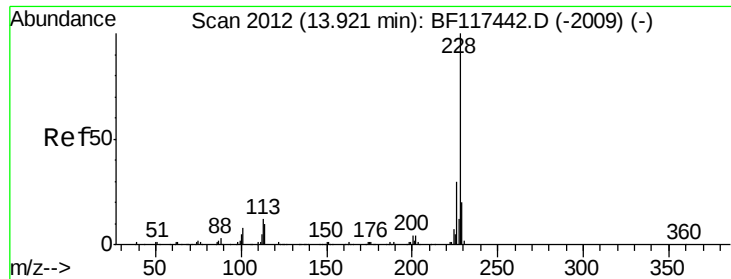
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 47.196 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.2	78.4
126	14.1	9.2	13.8#





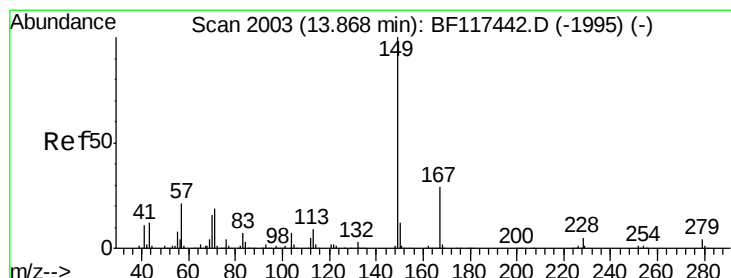
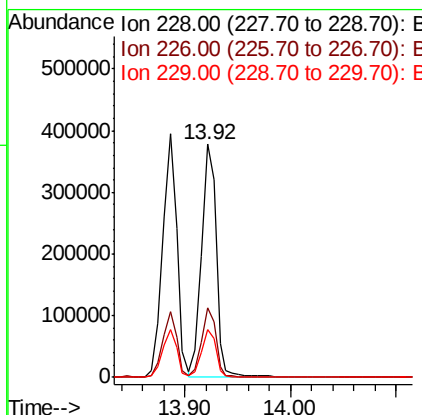
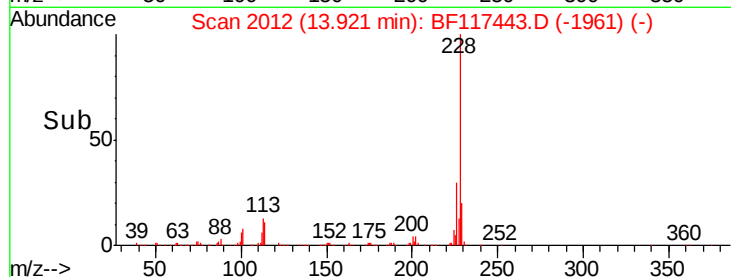
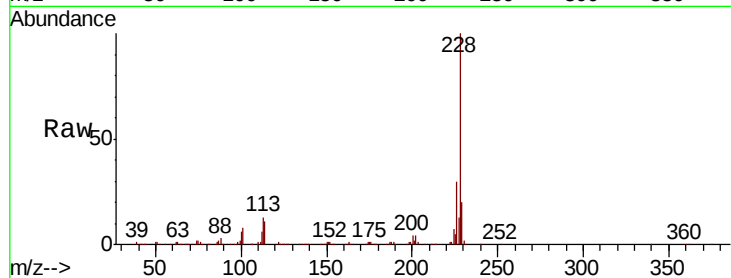
#83
 Chrvsene
 Concen: 47.853 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	20.2	15.8	23.6

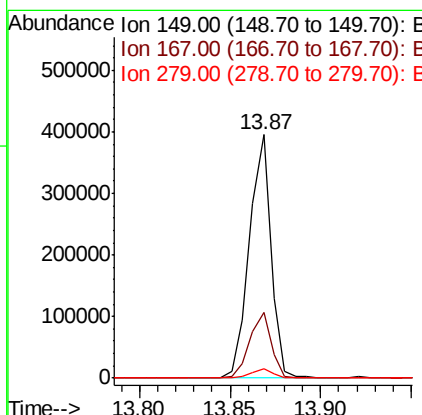
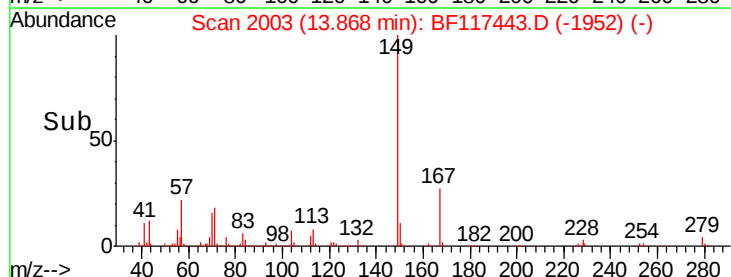
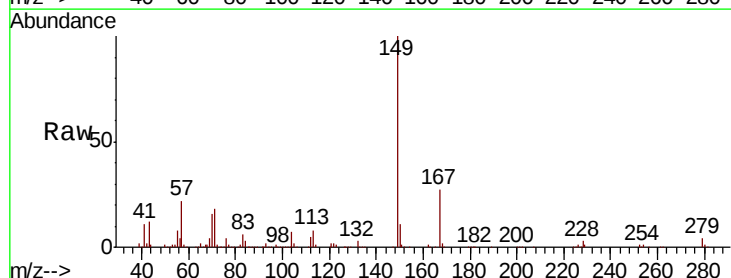
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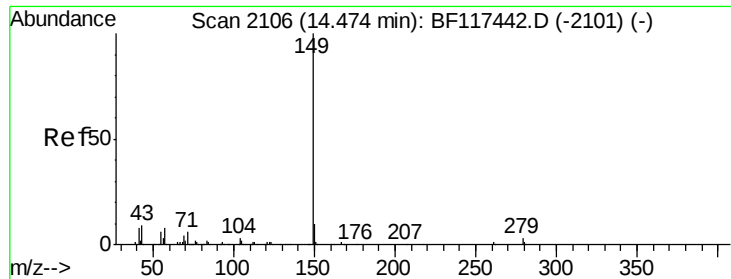
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.866 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.3	34.9
279	3.6	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 47.412 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

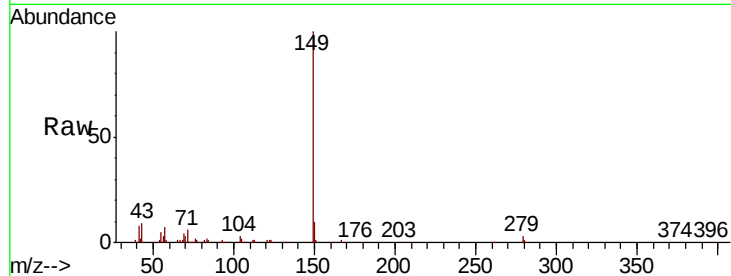
ClientSampleId :

SSTDIC050

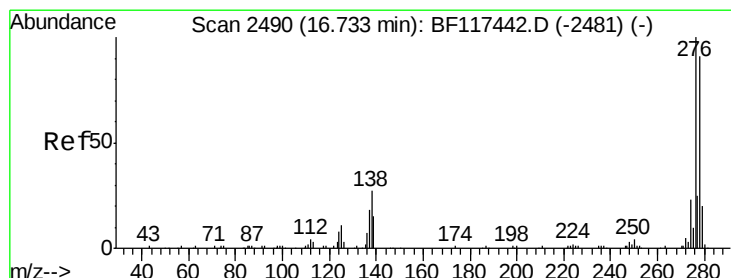
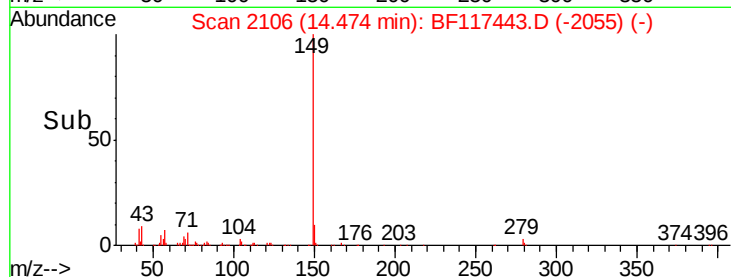
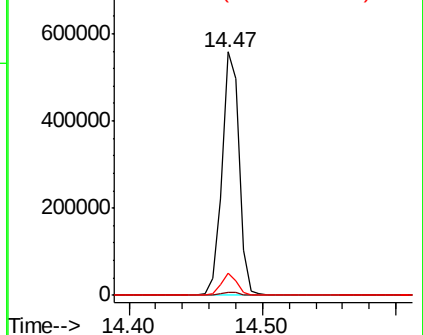
Tot Ion:	149	Resp:	508542
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	8.3	6.8	10.2

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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: 50.560 ng

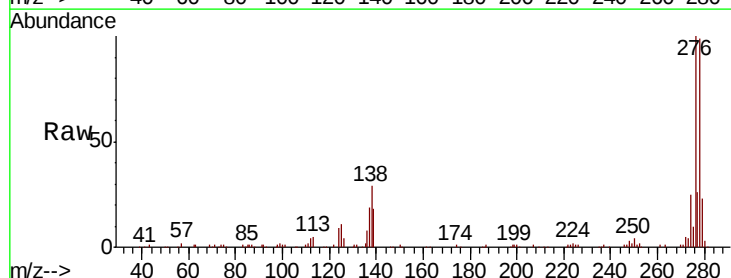
RT: 16.73 min Scan# 2490

Delta R.T. -0.00 min

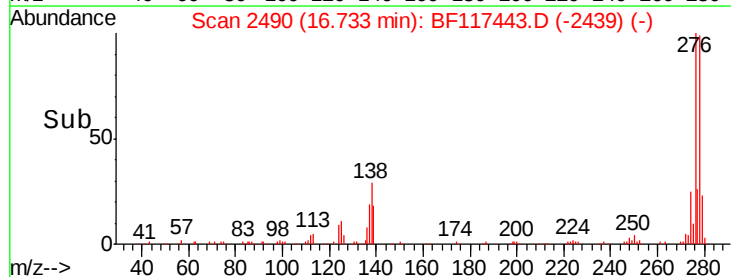
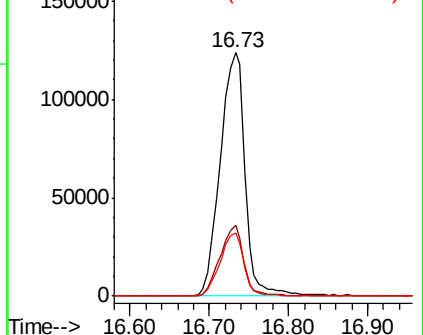
Lab File: BF117443.D

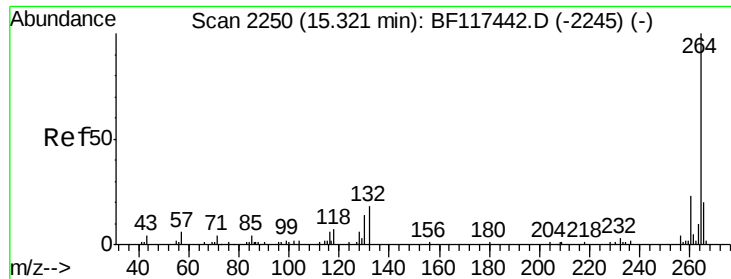
Acq: 18 Oct 2019 16:33

Tgt Ion:	276	Resp:	268915
Ion Ratio	Lower	Upper	
276	100		
138	27.0	21.8	32.8
277	24.9	20.0	30.0



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





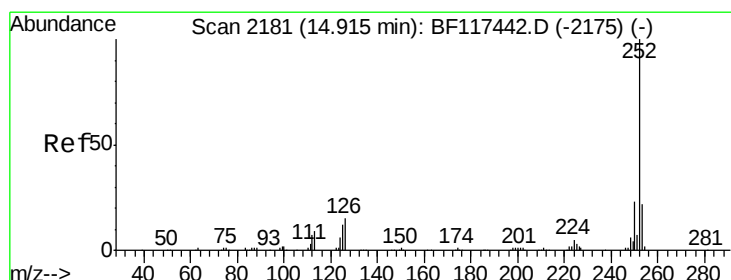
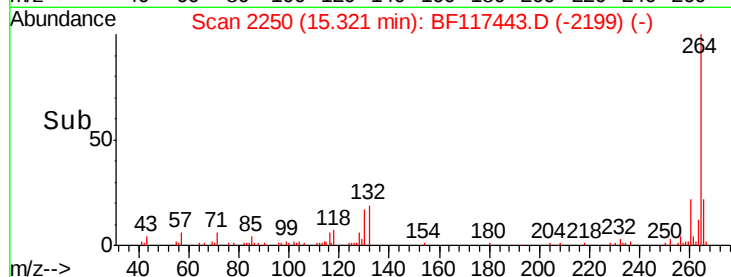
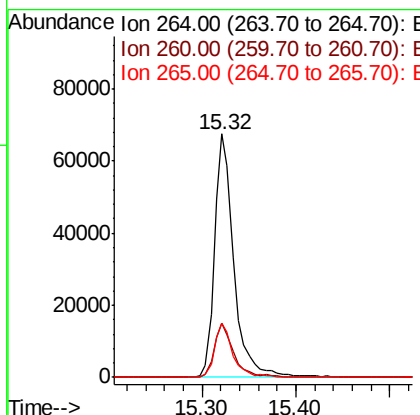
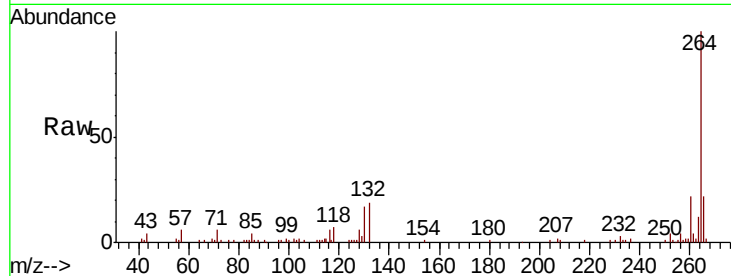
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.4	27.6
265	22.2	16.1	24.1

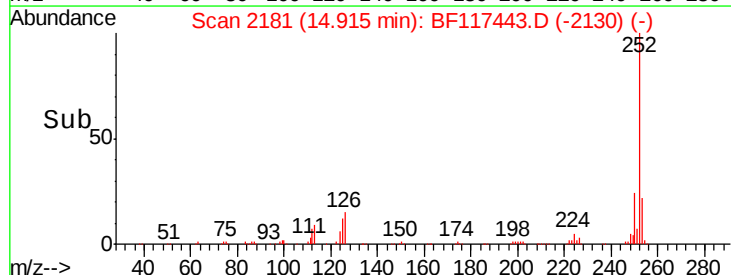
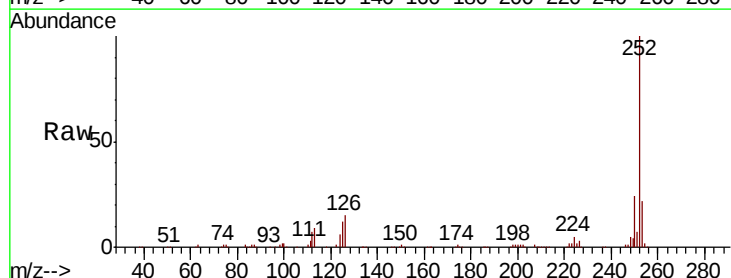
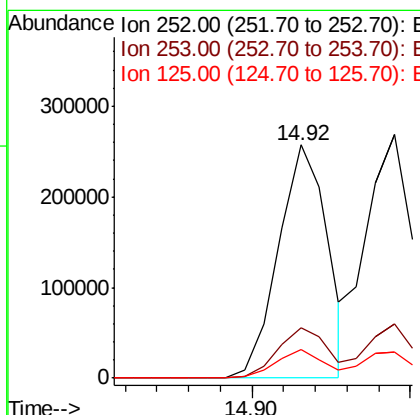
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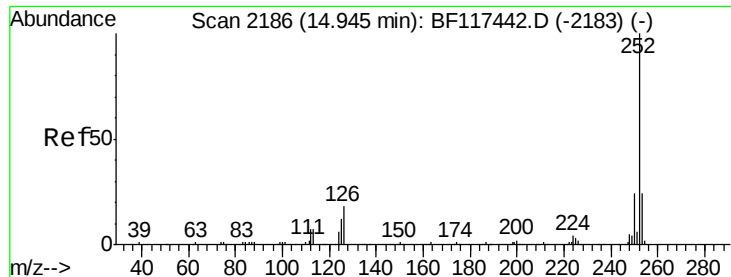
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.660 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	12.2	9.9	14.9





#89

Benzo(k)fluoranthene

Concen: 49.290 ng

RT: 14.94 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

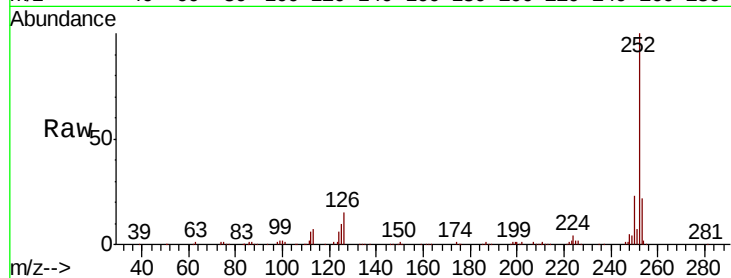
ClientSampleId :

SSTDIC050

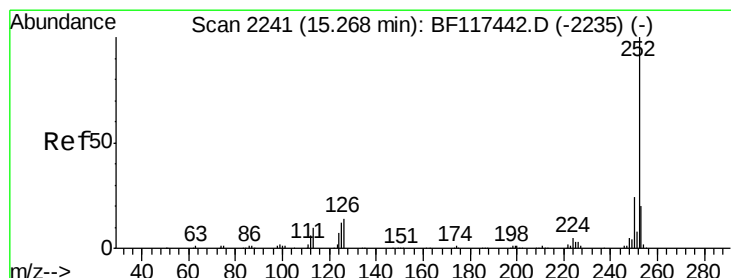
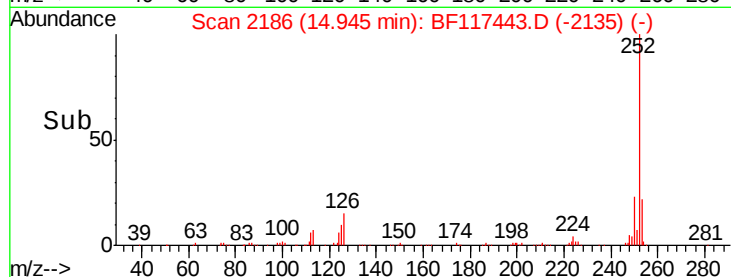
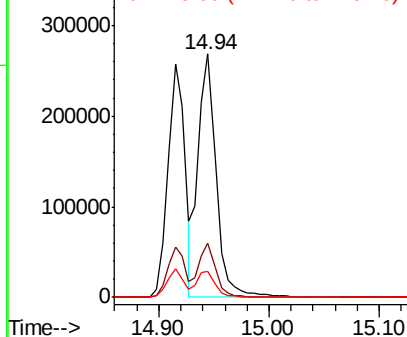
Tot Ion:	252	Resp:	297762
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.0	27.0
125	10.5	8.9	13.3

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.993 ng

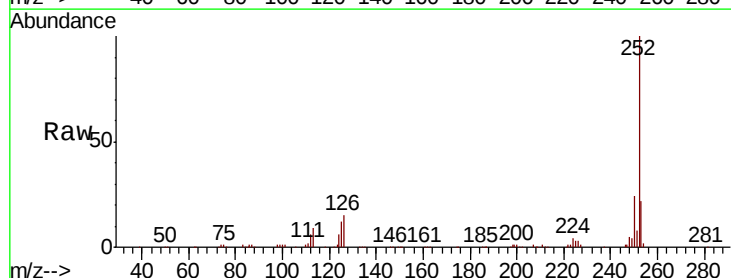
RT: 15.27 min Scan# 2241

Delta R.T. -0.00 min

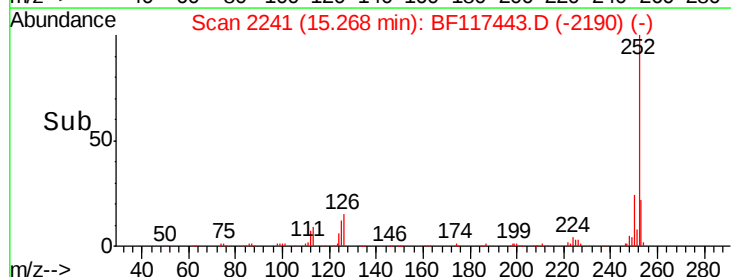
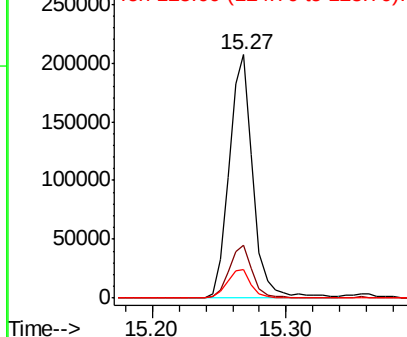
Lab File: BF117443.D

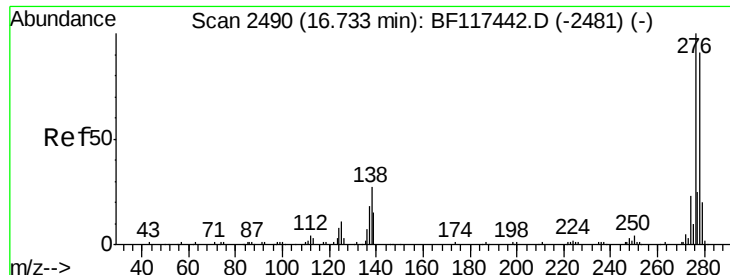
Acq: 18 Oct 2019 16:33

Tgt Ion:	252	Resp:	258336
Ion Ratio	Lower	Upper	
252	100		
253	21.6	16.3	24.5
125	11.7	9.2	13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





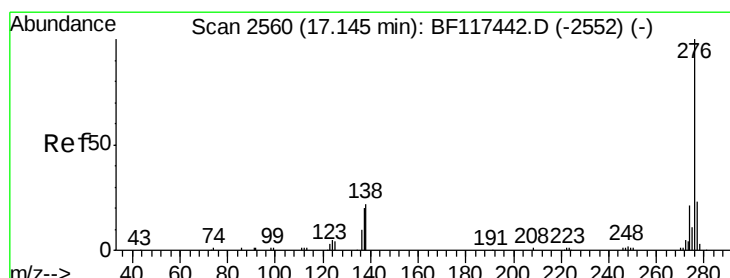
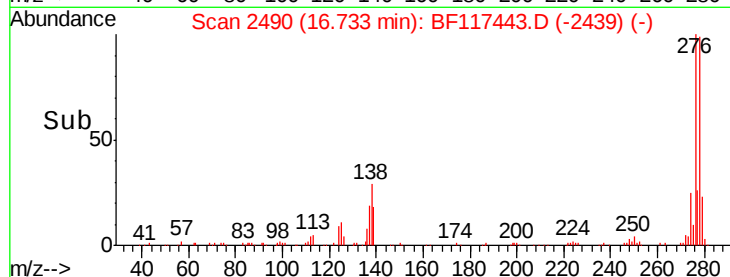
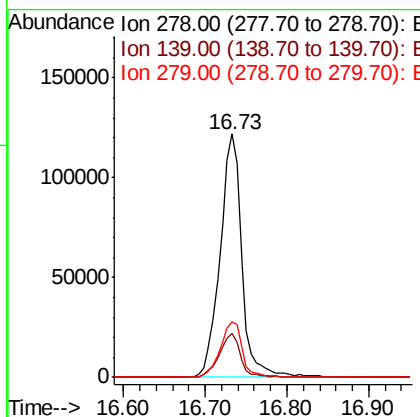
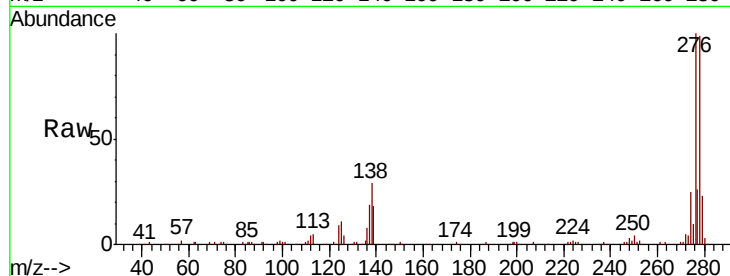
#91
Dibenzo(a,h)anthracene
Concen: 48.792 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.4	20.0
279	22.9	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/20/2019 8:04:33 PM



#92
Benzo(g,h,i)perylene
Concen: 48.594 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.4	27.6
138	22.6	17.8	26.6

