

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117194.D
 Acq On : 20 Sep 2019 19:10
 Operator : HP/JU
 Sample : PB123274BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123274BS

Manual Integrations
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mohammad
 9/24/2019 9:12:41 AM

Quant Time: Sep 21 01:03:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	38515	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	167251	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	91674	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	148268	20.00	ng	0.01
76) Chrysene-d12	13.99	240	99429	20.00	ng	0.01
87) Perylene-d12	15.43	264	67160	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	276555	112.10	ng	0.02
7) Phenol-d6	6.47	99	354632	111.23	ng	0.01
23) Nitrobenzene-d5	7.39	82	216748	68.09	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	95554	124.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	421604	71.91	ng	0.00
79) Terphenyl-d14	12.92	244	415539	78.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	36909	35.755	ng	98
3) Pyridine	3.44	79	81355	28.793	ng	94
4) n-Nitrosodimethylamine	3.39	42	44655	46.054	ng	# 76
6) Aniline	6.49	93	121940	29.707	ng	# 87
8) 2-Chlorophenol	6.61	128	117394	44.111	ng	98
9) Benzaldehyde	6.37	77	64743	40.840	ng	98
10) Phenol	6.48	94	147402	41.939	ng	86
11) bis(2-Chloroethyl)ether	6.56	93	110201	42.661	ng	98
12) 1,3-Dichlorobenzene	6.76	146	120433	40.327	ng	98
13) 1,4-Dichlorobenzene	6.83	146	123877	40.647	ng	97
14) 1,2-Dichlorobenzene	6.99	146	117723	41.488	ng	98
15) Benzyl Alcohol	6.97	79	111763	45.714	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	98173	38.467	ng	79
17) 2-Methylphenol	7.08	107	98187	44.021	ng	94
18) Hexachloroethane	7.33	117	48557	41.415	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	88578	45.627	ng	93
20) 3+4-Methylphenols	7.23	107	127471	45.882	ng	# 88
22) Acetophenone	7.23	105	180690	42.522	ng	94
24) Nitrobenzene	7.40	77	130654	41.563	ng	98
25) Isophorone	7.65	82	240852	42.734	ng	97
26) 2-Nitrophenol	7.72	139	60004	44.439	ng	95
27) 2,4-Dimethylphenol	7.76	122	102245	47.751	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	141528	40.758	ng	99
29) 2,4-Dichlorophenol	7.96	162	96999	43.234	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	97821	40.357	ng	97
31) Naphthalene	8.12	128	342371	42.564	ng	99
32) Benzoic acid	7.92	122	54433	35.636	ng	94
33) 4-Chloroaniline	8.17	127	85294	23.908	ng	97
34) Hexachlorobutadiene	8.24	225	58261	42.365	ng	94
35) Caprolactam	8.56	113	25239m	33.235	ng	
36) 4-Chloro-3-methylphenol	8.66	107	115875	44.294	ng	95
37) 2-Methylnaphthalene	8.82	142	240114	44.329	ng	99
38) 1-Methylnaphthalene	8.92	142	216716	42.719	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	98339	41.541	ng	97

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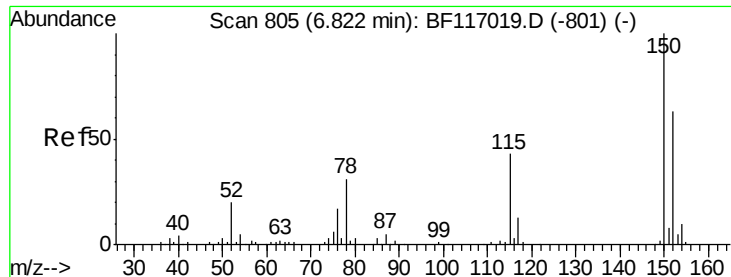
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	79636	76.487	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	64897	40.397	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	69176	40.303	nq	98
46) 1,1'-Biphenyl	9.28	154	288864	40.171	nq	98
47) 2-Chloronaphthalene	9.30	162	224231	39.511	nq	99
48) 2-Nitroaniline	9.40	65	68420	37.587	nq	93
49) Acenaphthylene	9.72	152	347378	40.860	nq	99
50) Dimethylphthalate	9.58	163	266117	40.998	nq	99
51) 2,6-Dinitrotoluene	9.65	165	56003	42.362	nq #	77
52) Acenaphthene	9.89	154	203513	40.382	nq	99
53) 3-Nitroaniline	9.82	138	40664	24.379	nq	87
54) 2,4-Dinitrophenol	9.93	184	43104	76.025	nq	96
55) Dibenzofuran	10.06	168	316986	42.630	nq	97
56) 4-Nitrophenol	9.99	139	72008	66.611	nq	86
57) 2,4-Dinitrotoluene	10.06	165	76553	44.610	nq #	89
58) Fluorene	10.41	166	262830	43.880	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	56349	42.901	nq #	95
60) Diethylphthalate	10.28	149	279796	43.814	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	117327	45.273	nq	95
62) 4-Nitroaniline	10.44	138	58728	33.857	nq #	79
63) Azobenzene	10.56	77	284196	43.574	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	31211	46.458	nq	85
66) n-Nitrosodiphenylamine	10.52	169	225273	43.994	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	66890	44.176	nq	93
68) Hexachlorobenzene	10.96	284	69988	42.260	nq #	91
69) Atrazine	11.05	200	62126	50.341	nq	98
70) Pentachlorophenol	11.16	266	66161	85.225	nq	98
71) Phenanthrene	11.37	178	351997	41.797	nq	99
72) Anthracene	11.42	178	363140	42.236	nq	99
73) Carbazole	11.57	167	321178	39.355	nq	99
74) Di-n-butylphthalate	11.90	149	457352	47.102	nq	99
75) Fluoranthene	12.56	202	356108	41.154	nq	98
77) Benzidine	12.67	184	89832	28.047	nq	98
78) Pyrene	12.79	202	345512	41.414	nq	99
80) Butylbenzylphthalate	13.39	149	176692	44.821	nq	97
81) Benzo(a)anthracene	13.97	228	265994	40.041	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	71203	33.262	nq	97
83) Chrysene	14.01	228	260357	40.184	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	261739	51.495	nq	97
85) Di-n-octyl phthalate	14.56	149	408629	51.079	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	176157	37.267	nq	97
88) Benzo(b)fluoranthene	15.02	252	206303	50.712	nq	97
89) Benzo(k)fluoranthene	15.04	252	205199	53.248	nq	98
90) Benzo(a)pyrene	15.37	252	182369	51.086	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	151935	53.426	nq	97
92) Benzo(g,h,i)perylene	17.32	276	137851	48.644	nq	94

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



#1

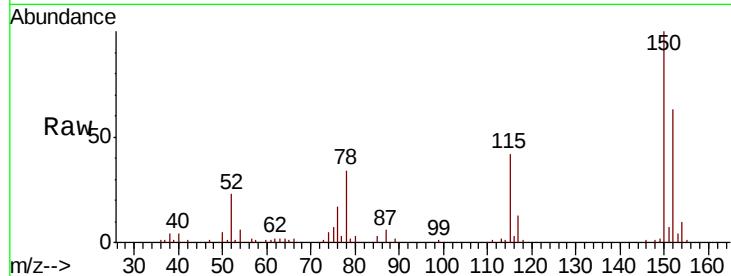
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	127.5	191.3
115	67.1	55.0	82.4

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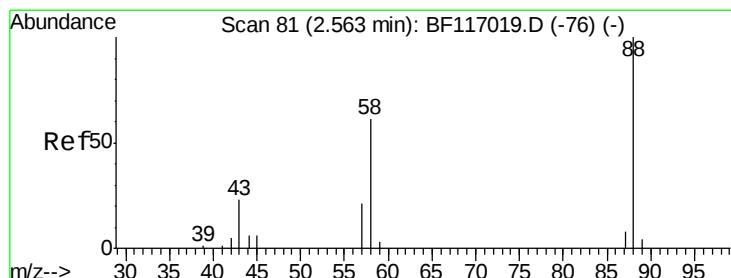
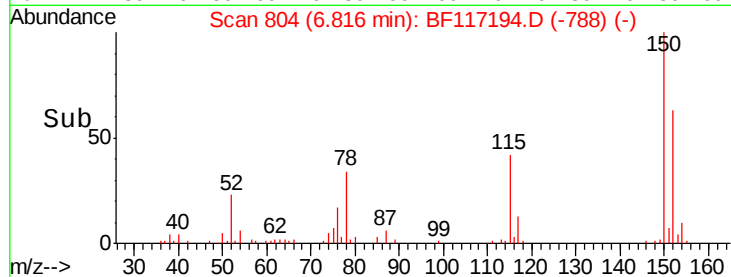
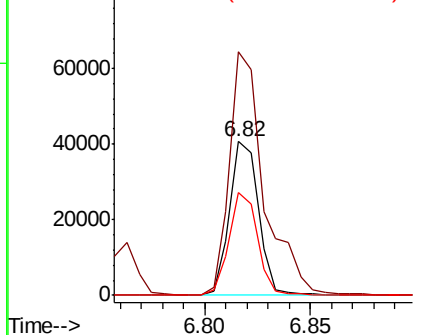


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

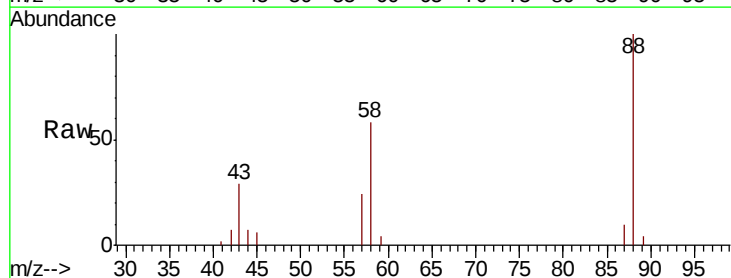
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.755 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.14 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.4	49.3	73.9
43	27.1	18.8	28.2

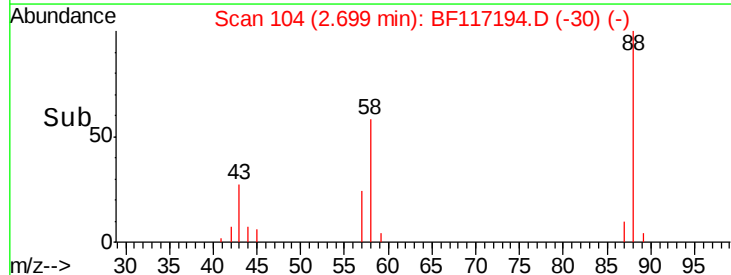
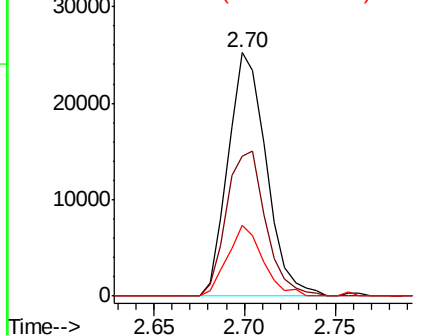


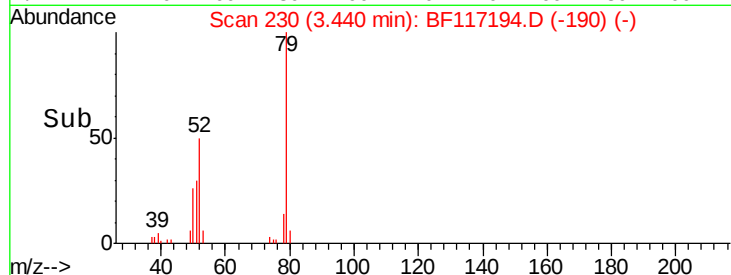
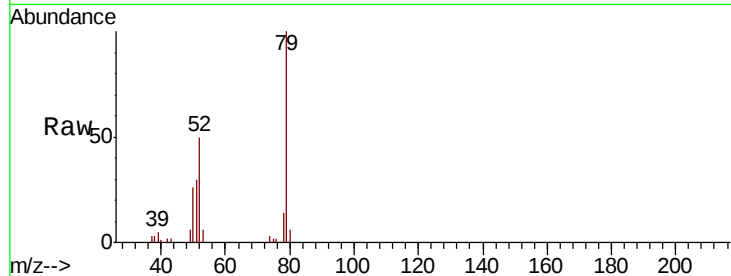
Abundance

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





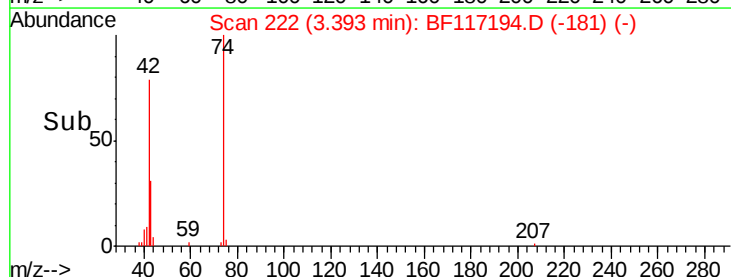
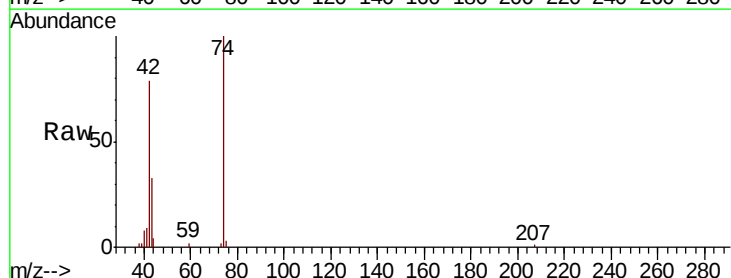
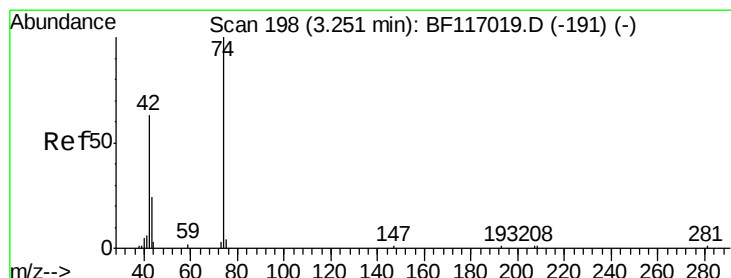
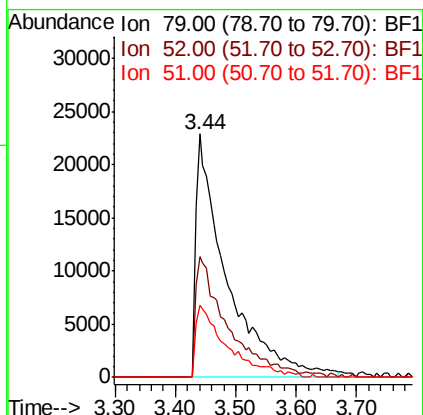
#3
 Pvridine
 Concen: 28.793 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.14 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tot Ion:	79	Resp:	81355
Ion Ratio	Lower	Upper	
79	100		
52	49.5	43.5	65.3
51	29.8	21.8	32.6

Instrument :
 BNA_F
 ClientSampleId :
 PB123274BS

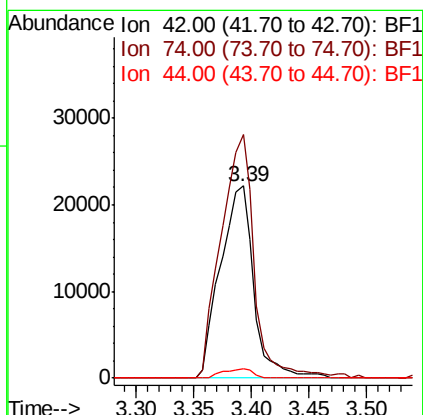
Manual Integrations
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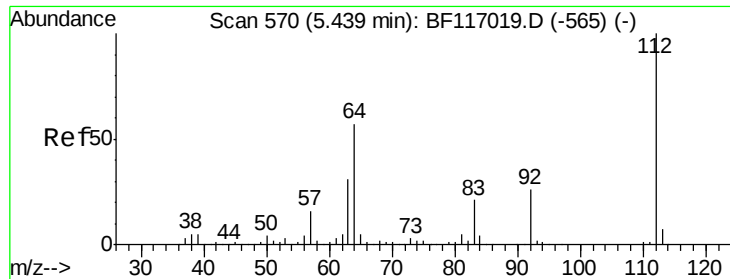
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#4
 n-Nitrosodimethylamine
 Concen: 46.054 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.14 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion:	42	Resp:	44655
Ion Ratio	Lower	Upper	
42	100		
74	126.7	127.1	190.7#
44	4.8	4.3	6.5





#5

2-Fluorophenol

Concen: 112.105 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

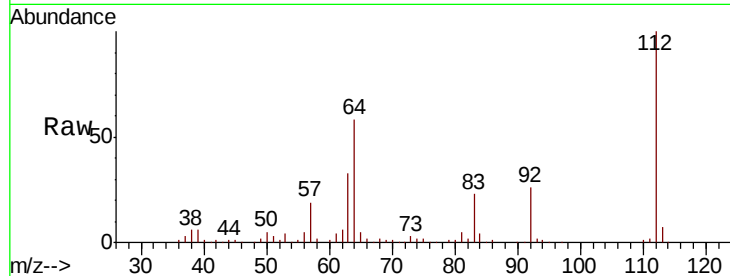
ClientSampleId :

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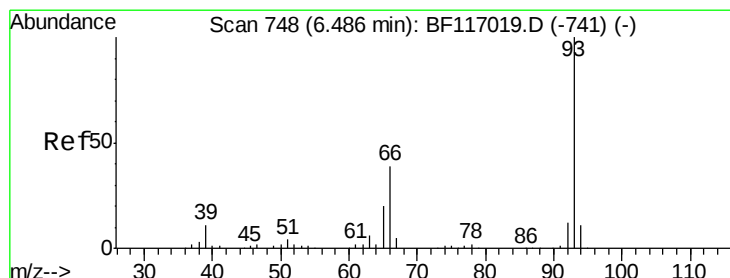
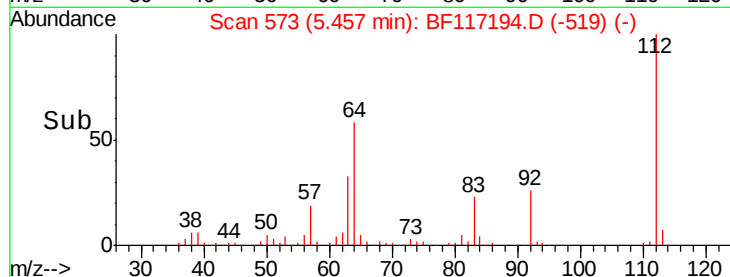
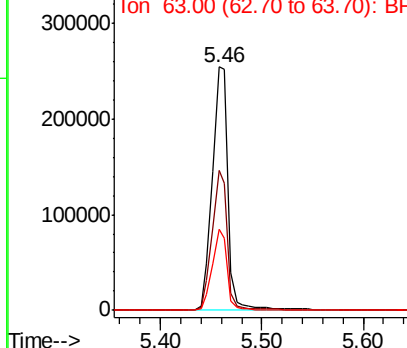
Tot Ion:	112	Resp:	276555
Ion Ratio	Lower	Upper	
112	100		
64	57.6	45.7	68.5
63	33.3	24.9	37.3

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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: 29.707 ng

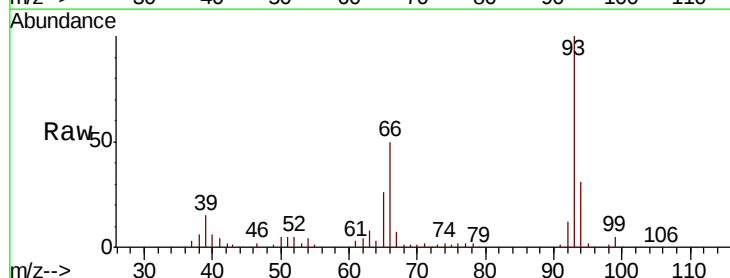
RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

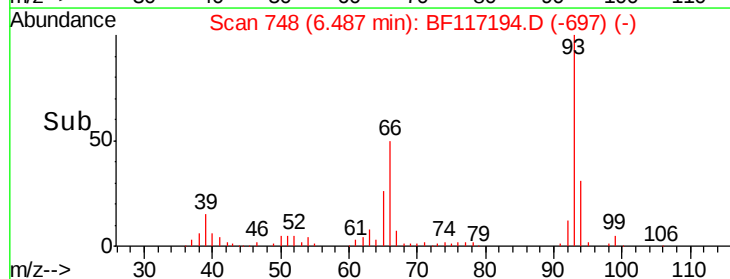
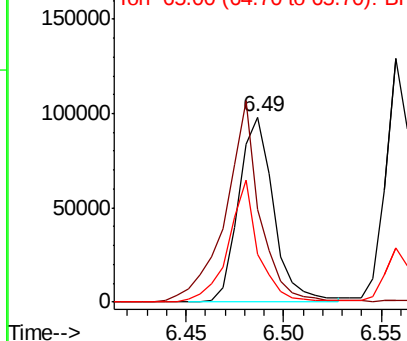
Lab File: BF117194.D

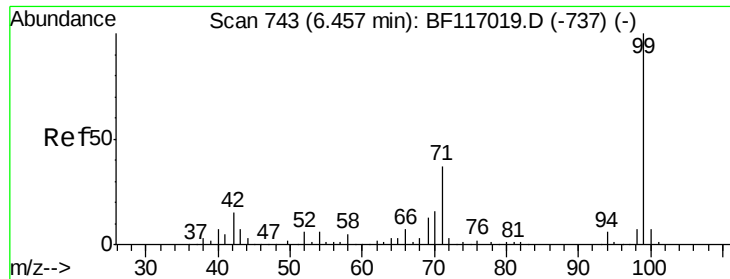
Acq: 20 Sep 2019 19:10

Tgt Ion:	93	Resp:	121940
Ion Ratio	Lower	Upper	
93	100		
66	49.8	32.6	49.0#
65	25.6	16.7	25.1#



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: 111.234 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

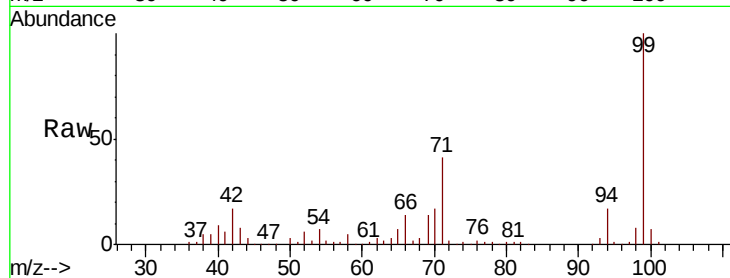
ClientSampleId :

PB123274BS

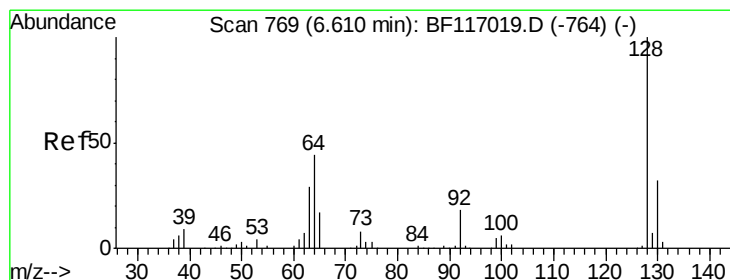
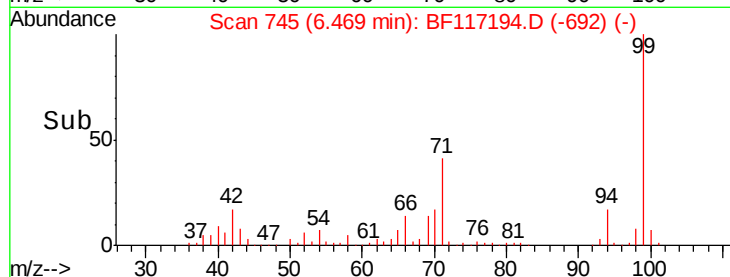
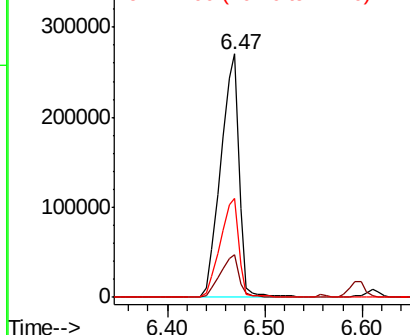
Tot Ion:	99	Resp:	354632
Ion Ratio	Lower	Upper	
99	100		
42	17.4	12.2	18.2
71	40.8	29.8	44.8

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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: 44.111 ng

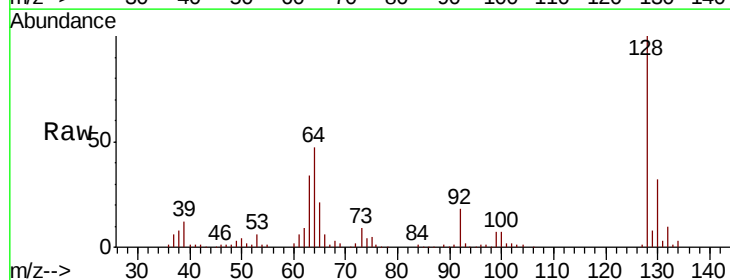
RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

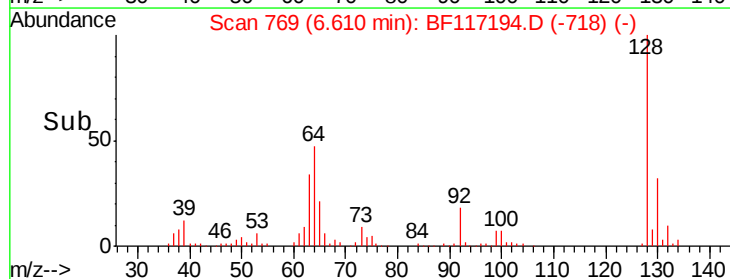
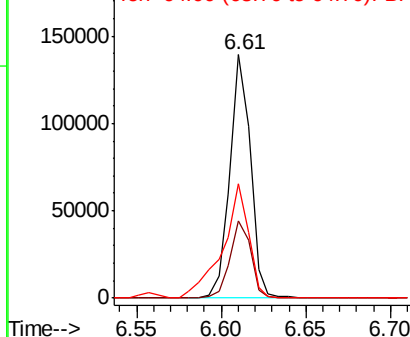
Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Tgt Ion:	128	Resp:	117394
Ion Ratio	Lower	Upper	
128	100		
130	31.9	11.8	51.8
64	47.0	25.0	65.0



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: 40.840 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

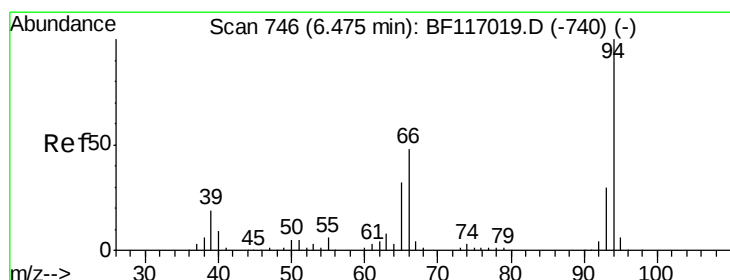
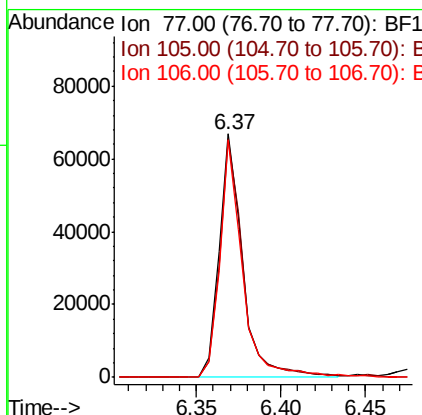
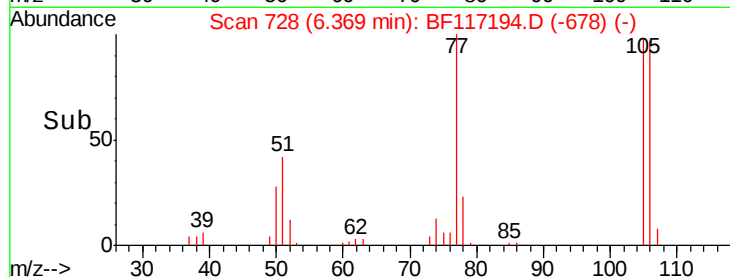
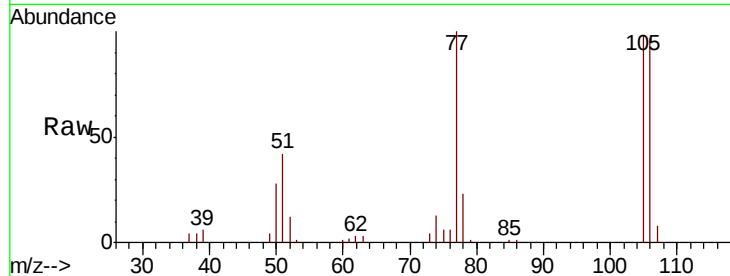
ClientSampleId :

PB123274BS

Tot Ion:	77	Resp:	64743
Ion	Ratio	Lower	Upper
77	100		
105	97.9	81.8	121.8
106	97.4	77.3	117.3

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#10

Phenol

Concen: 41.939 ng

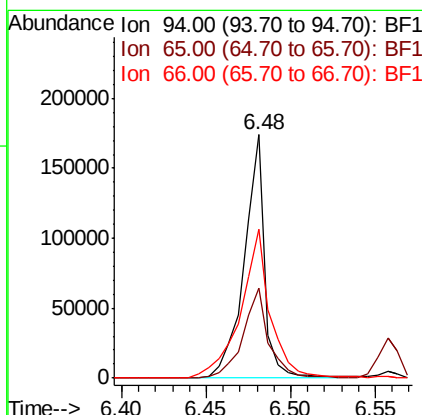
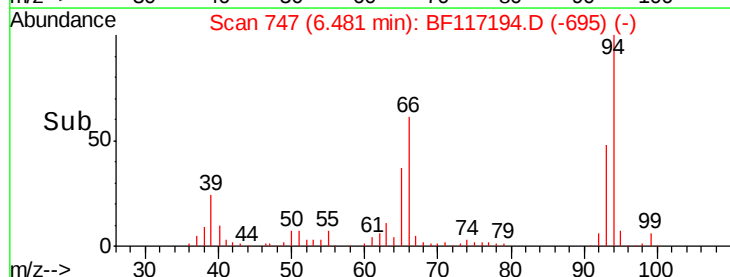
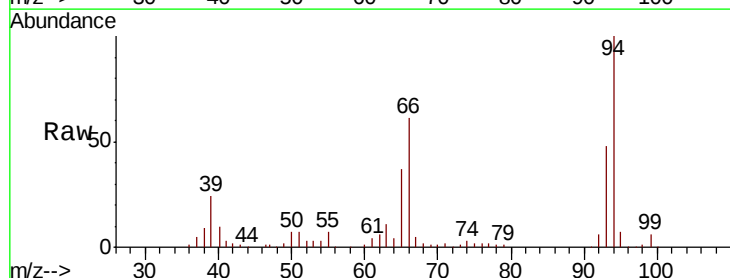
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Tgt Ion:	94	Resp:	147402
Ion	Ratio	Lower	Upper
94	100		
65	37.1	12.5	52.5
66	61.3	28.9	68.9





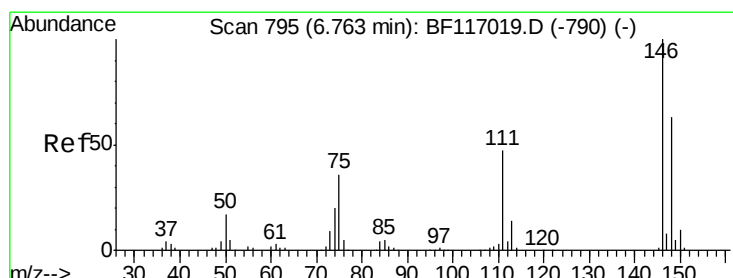
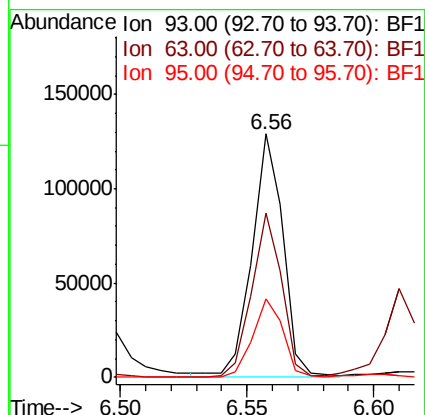
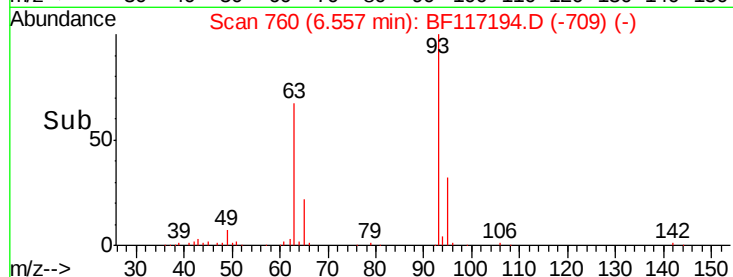
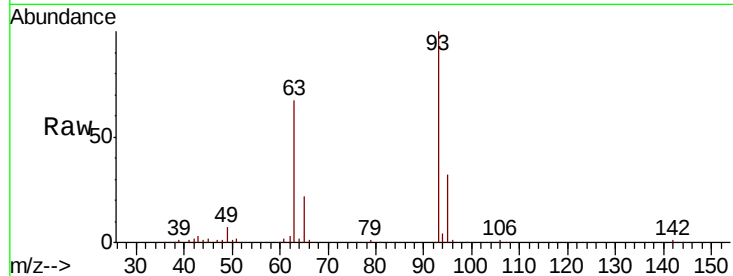
#11
bis(2-Chloroethyl)ether
Concen: 42.661 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion:	93	Resp:	110201
Ion Ratio	Lower	Upper	
93	100		
63	67.4	49.3	89.3
95	32.0	11.5	51.5

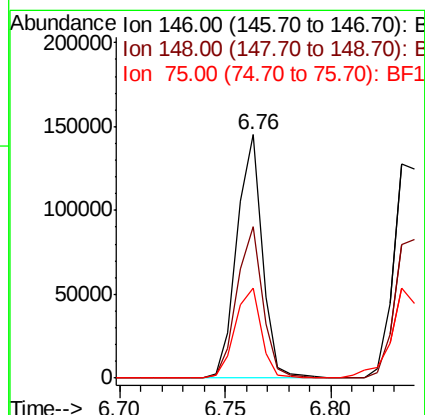
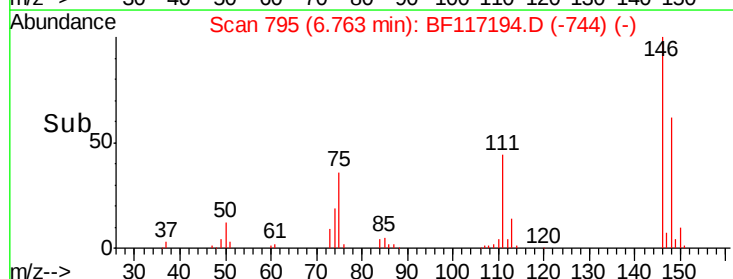
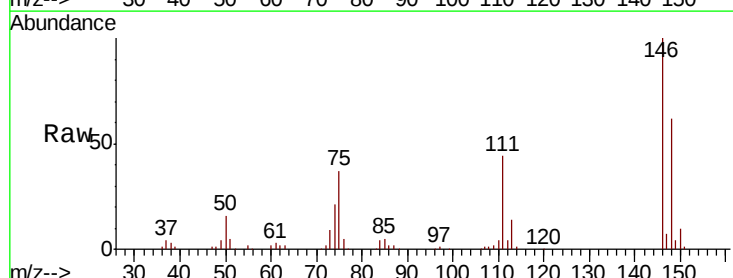
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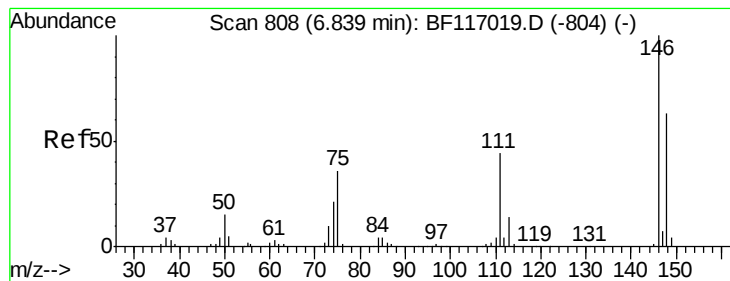
mohammad
9/24/2019 9:12:41 AM



#12
1,3-Dichlorobenzene
Concen: 40.327 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:	146	Resp:	120433
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.8	76.2
75	36.8	28.7	43.1





#13

1,4-Dichlorobenzene

Concen: 40.647 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

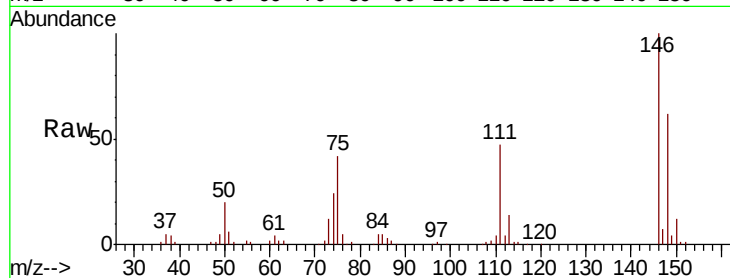
ClientSampleId :

PB123274BS

Tot Ion:	146	Resp:	123877
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.6	76.0
111	46.9	35.0	52.6

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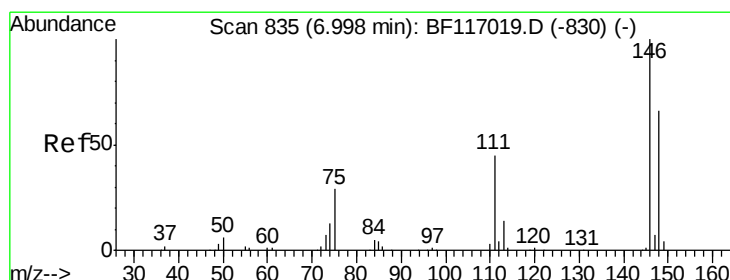
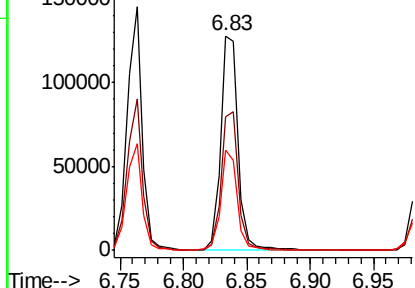
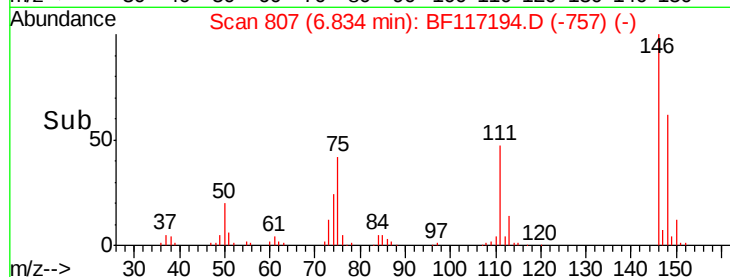


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.488 ng

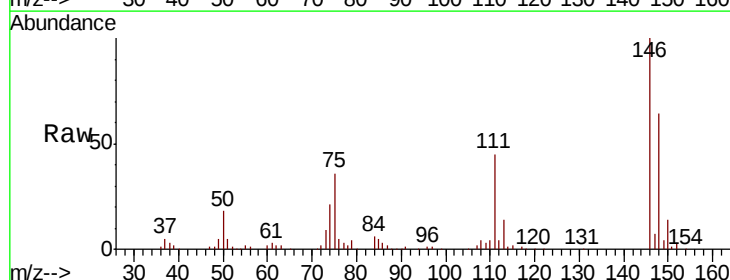
RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Tgt Ion:	146	Resp:	117723
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.6	78.8
111	44.8	36.2	54.2

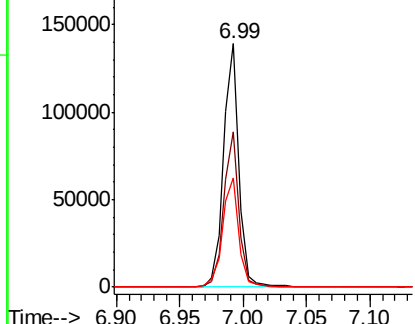
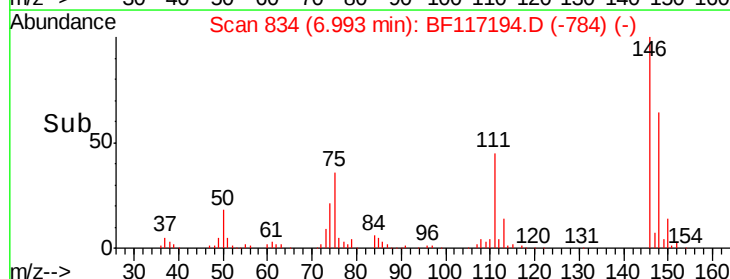


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.714 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

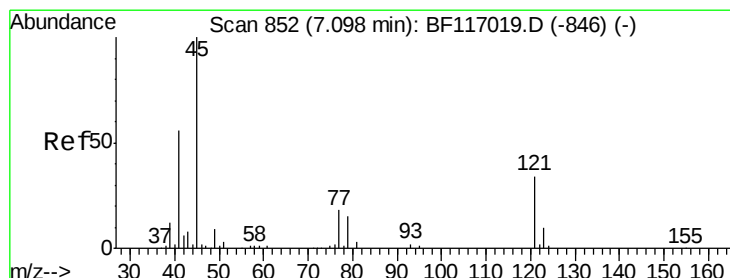
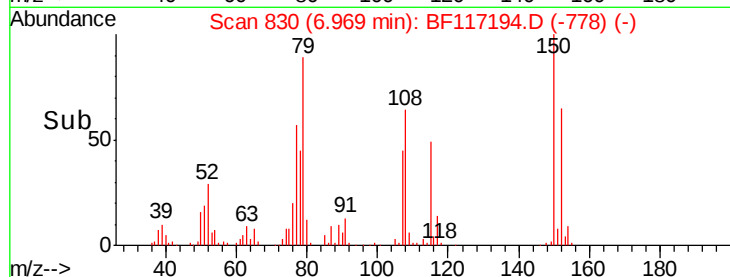
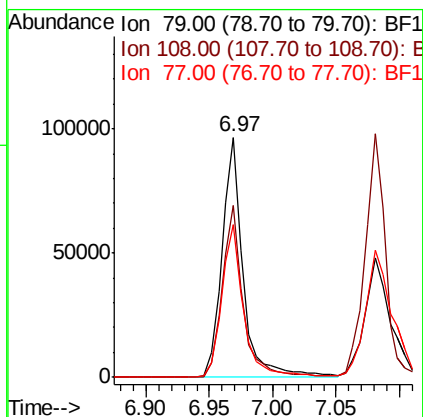
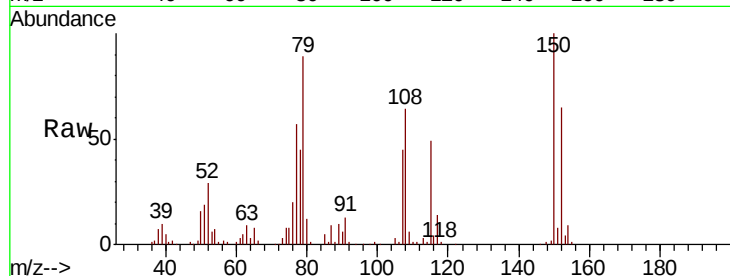
ClientSampleId :

PB123274BS

Tot Ion:	79	Resp:	111763
Ion Ratio	Lower	Upper	
79	100		
108	71.4	59.4	89.0
77	63.8	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.467 ng

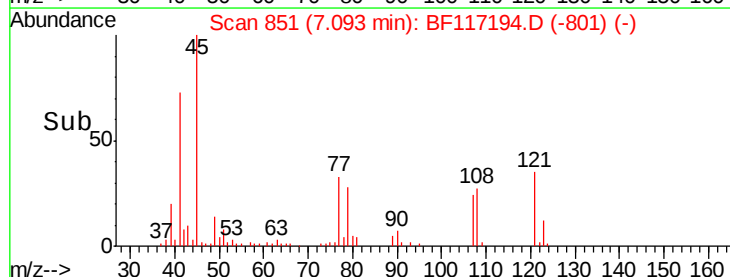
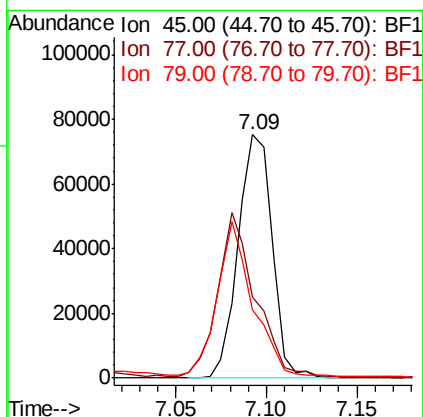
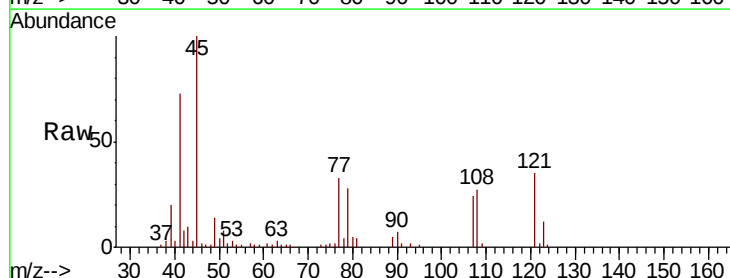
RT: 7.09 min Scan# 851

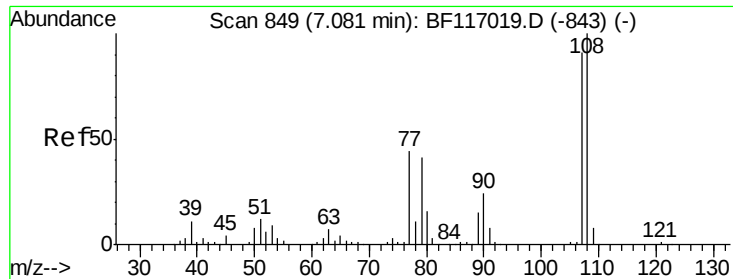
Delta R.T. -0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Tgt Ion:	45	Resp:	98173
Ion Ratio	Lower	Upper	
45	100		
77	33.4	2.7	42.7
79	28.1	0.0	38.9





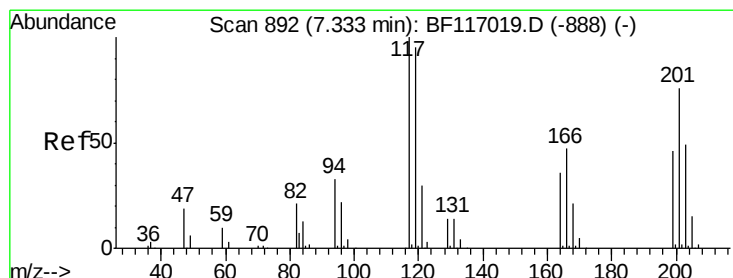
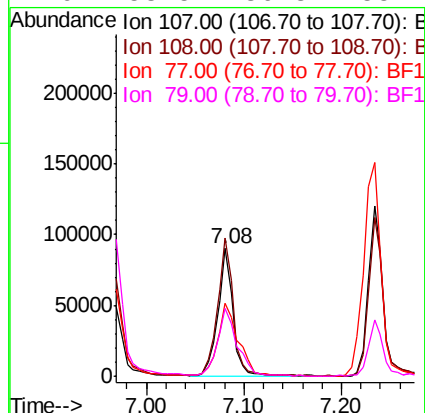
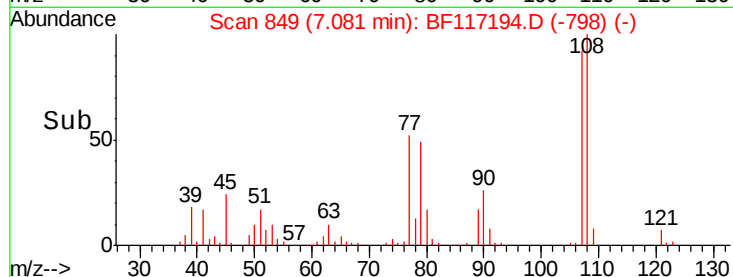
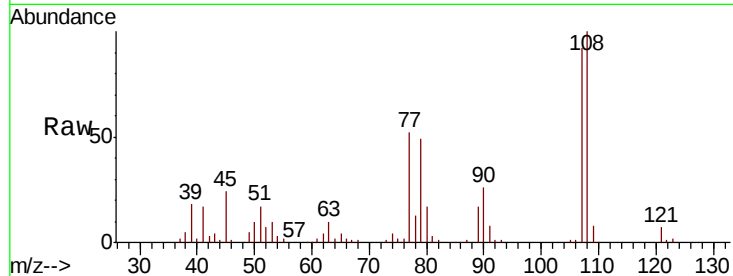
#17
2-Methylphenol
Concen: 44.021 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.7	87.7	131.5
77	56.8	38.6	58.0
79	53.5	36.8	55.2

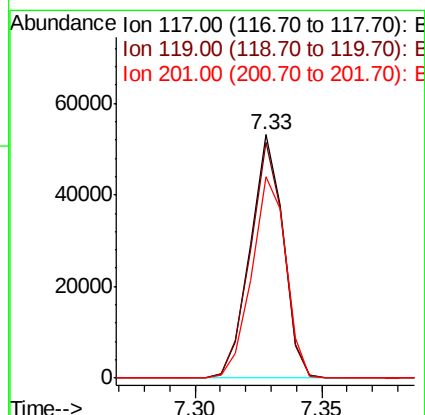
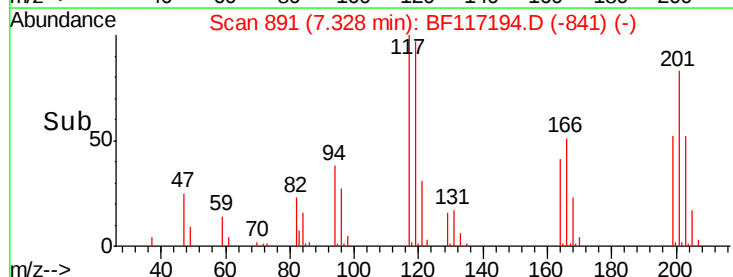
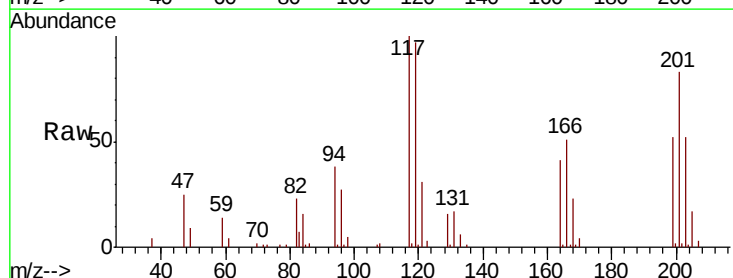
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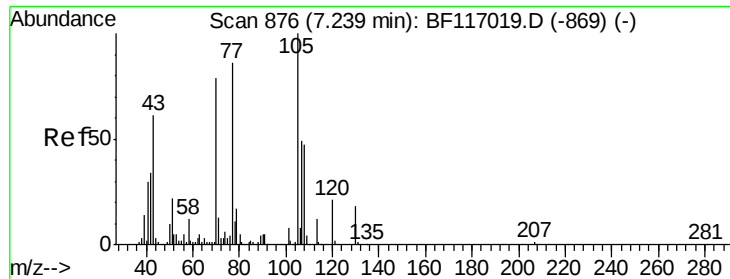
mohammad
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#18
Hexachloroethane
Concen: 41.415 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.8	113.8
201	82.5	60.9	91.3





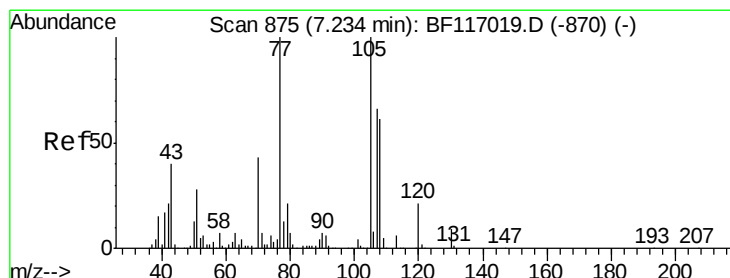
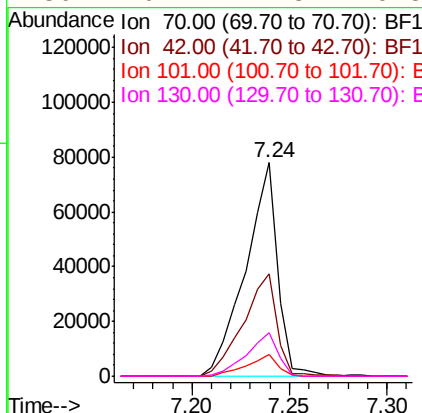
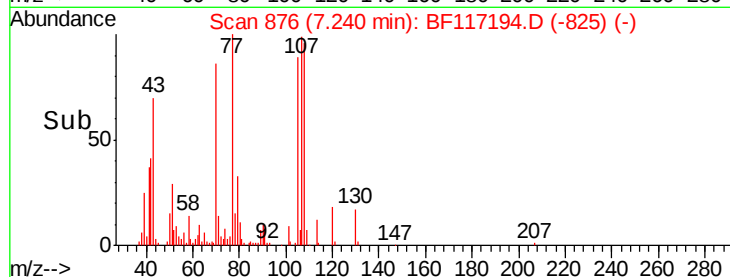
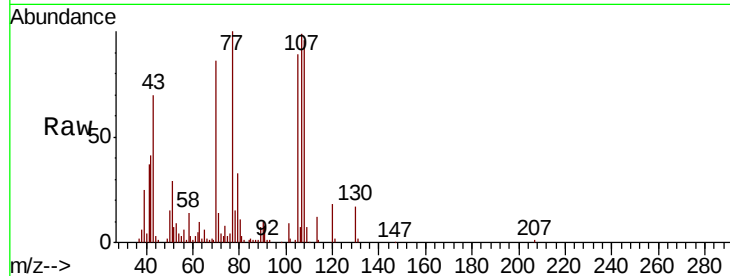
#19
n-Nitroso-di-n-propylamine
Concen: 45.627 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.3	34.0	51.0	
101	10.1	7.8	11.6	
130	20.1	17.8	26.8	

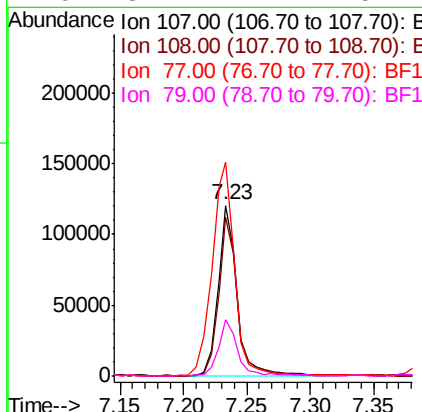
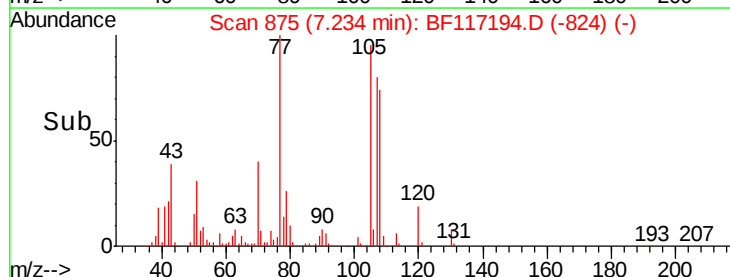
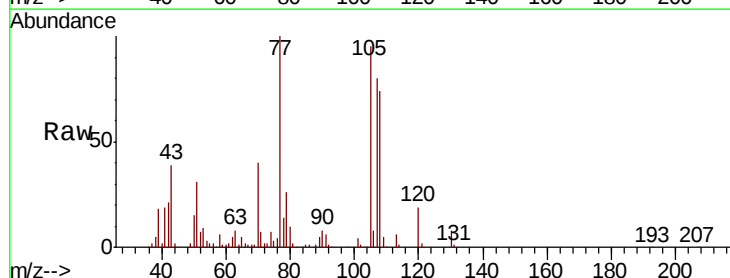
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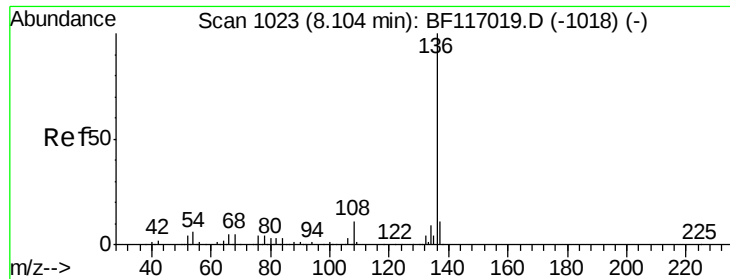
mohammad
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#20
3+4-Methylphenols
Concen: 45.882 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.0	72.6	112.6	
77	125.3	132.1	172.1#	
79	32.7	12.1	52.1	





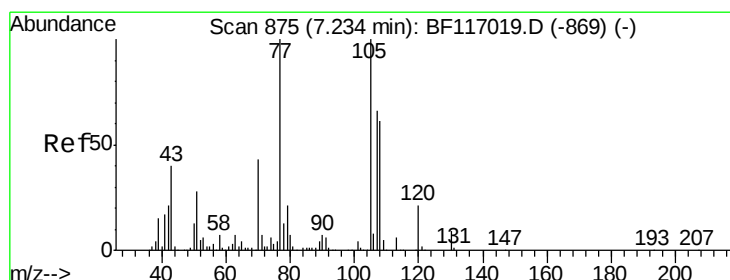
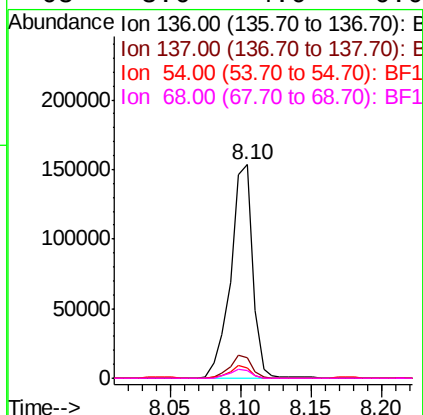
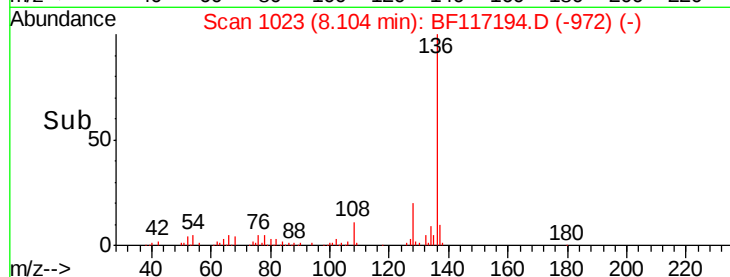
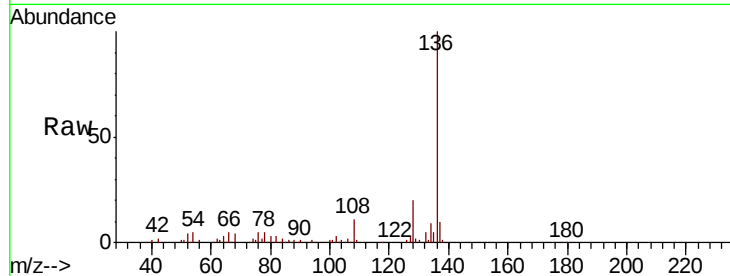
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		167251		
137	9.9	9.0	13.4		
54	4.9	4.5	6.7		
68	3.6	4.0	6.0#		

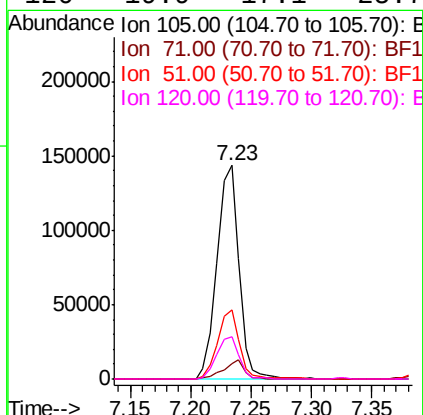
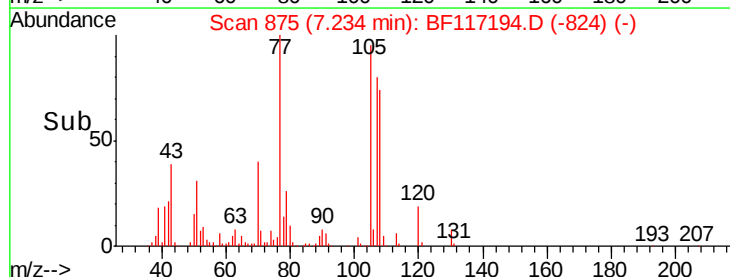
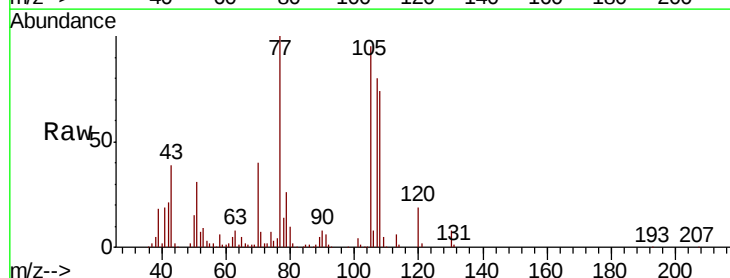
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#22
Acetophenone
Concen: 42.522 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		180690		
71	7.4	5.7	8.5		
51	32.4	22.1	33.1		
120	19.9	17.1	25.7		





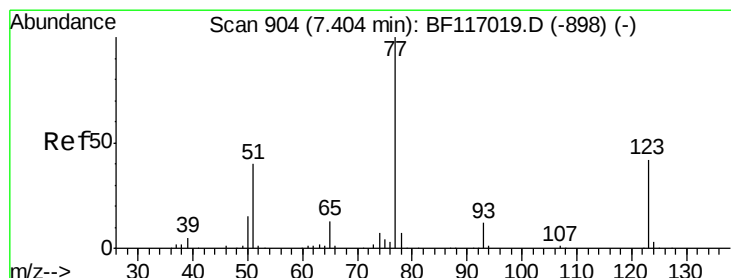
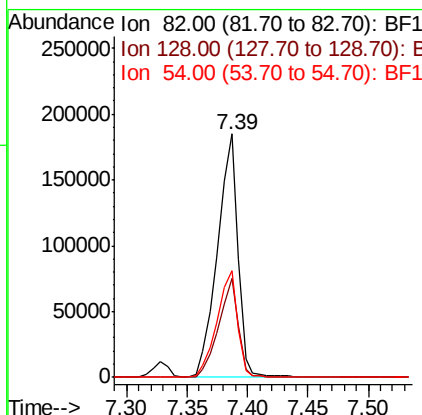
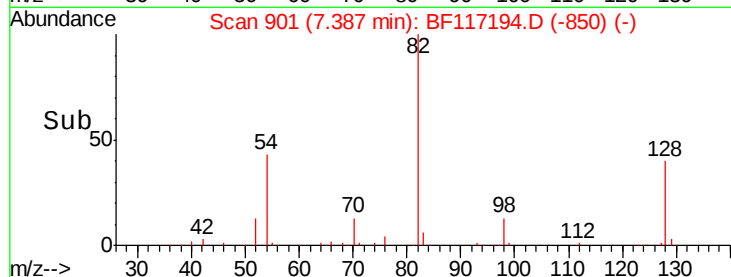
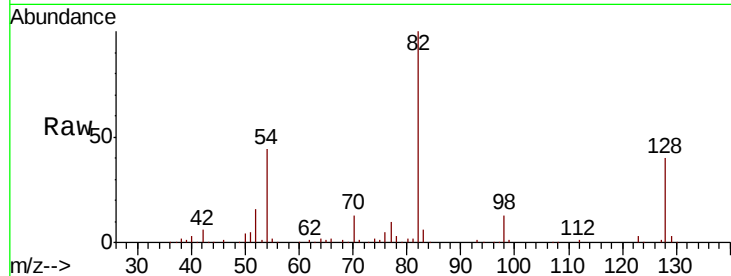
#23
Nitrobenzene-d5
Concen: 68.092 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	216748		
128	40.5		32.3	48.5
54	43.7		33.3	49.9

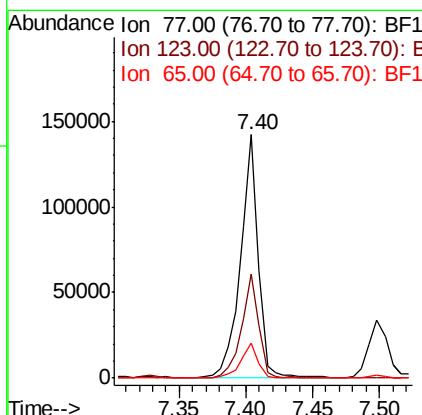
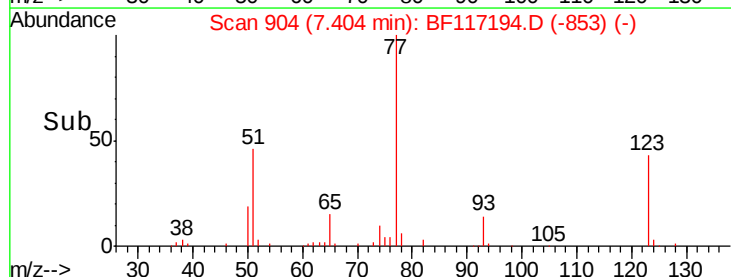
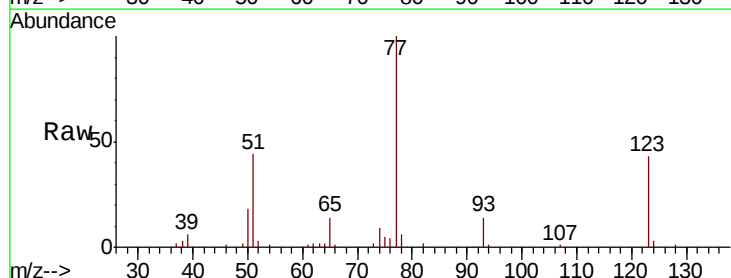
Manual Integrations
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#24
Nitrobenzene
Concen: 41.563 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	130654		
123	43.0		33.5	50.3
65	14.5		10.5	15.7





#25

Isophorone

Concen: 42.734 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

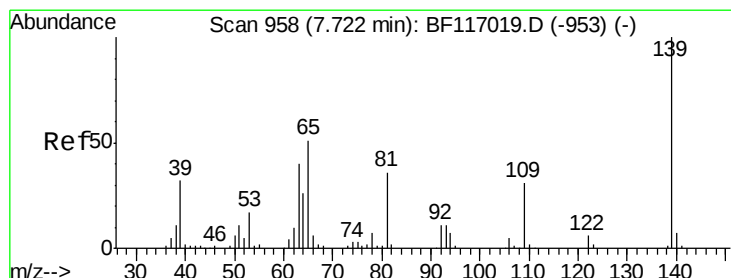
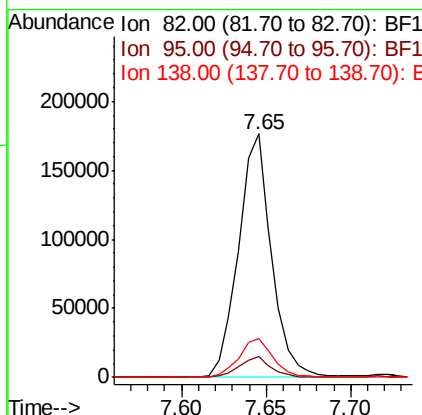
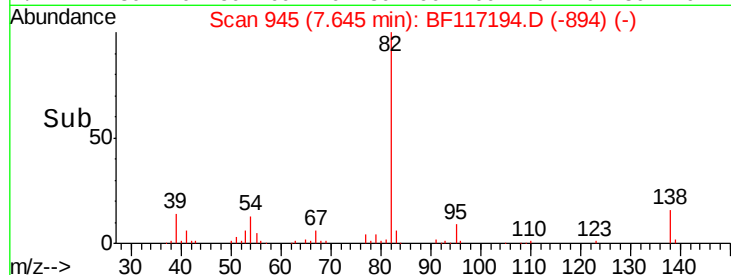
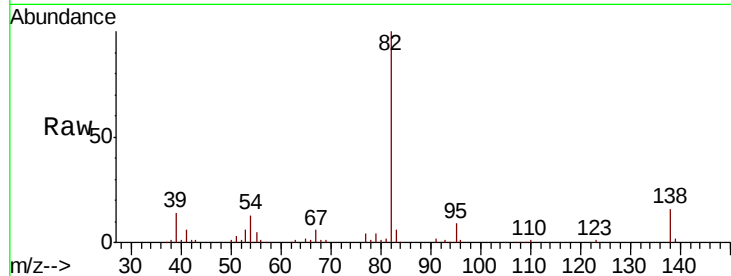
ClientSampleId :

PB123274BS

Tot Ion:	82	Resp:	240852
Ion Ratio		Lower	Upper
82	100		
95	8.5	5.8	8.6
138	15.9	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.439 ng

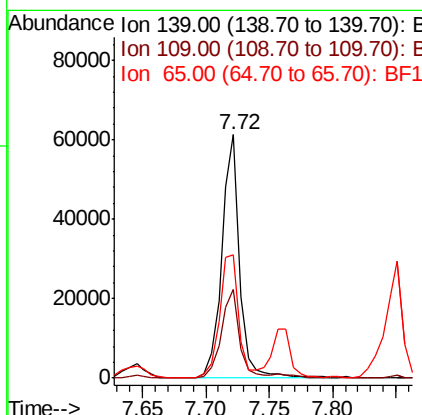
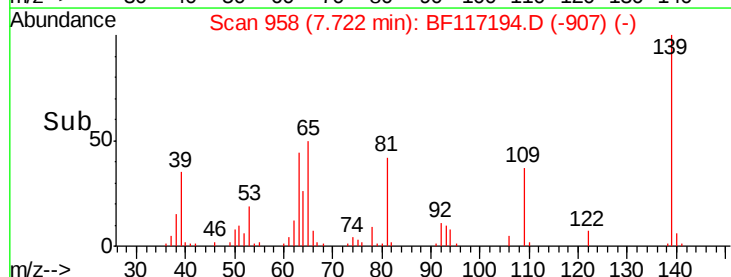
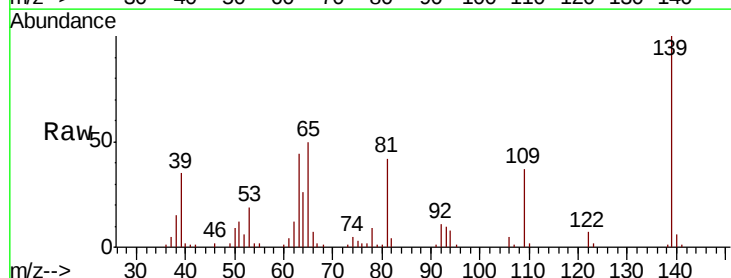
RT: 7.72 min Scan# 958

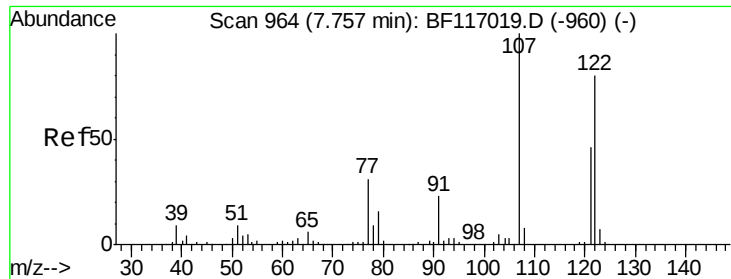
Delta R.T. 0.00 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Tgt Ion:	139	Resp:	60004
Ion Ratio		Lower	Upper
139	100		
109	36.5	24.6	36.8
65	50.5	40.9	61.3





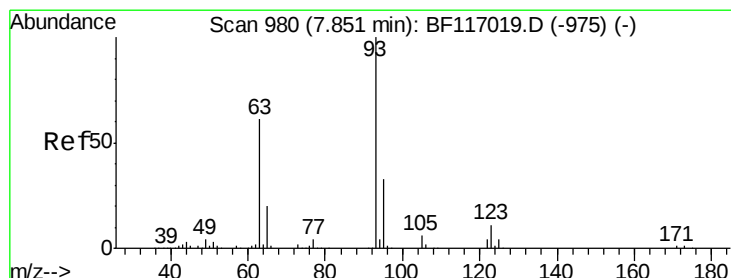
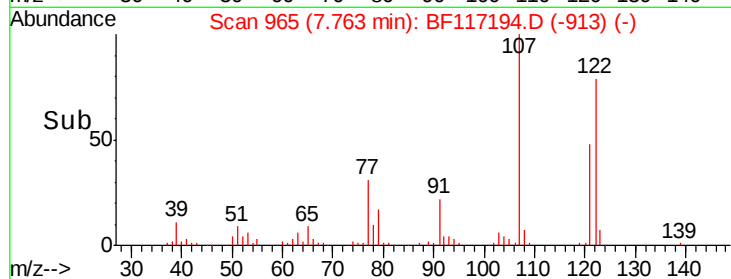
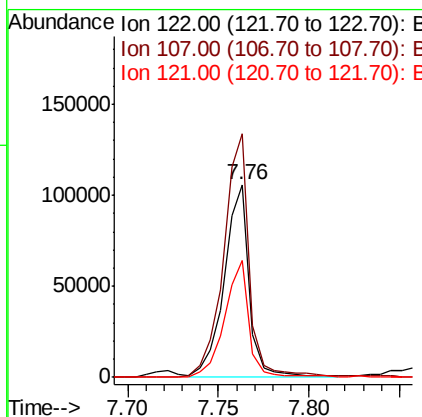
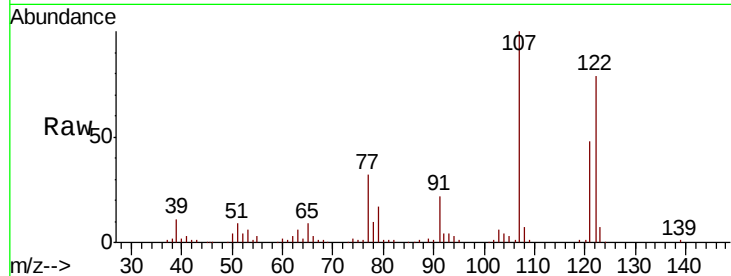
#27
2,4-Dimethylphenol
Concen: 47.751 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	102245		
107	126.2	98.9	148.3	
121	60.4	45.3	67.9	

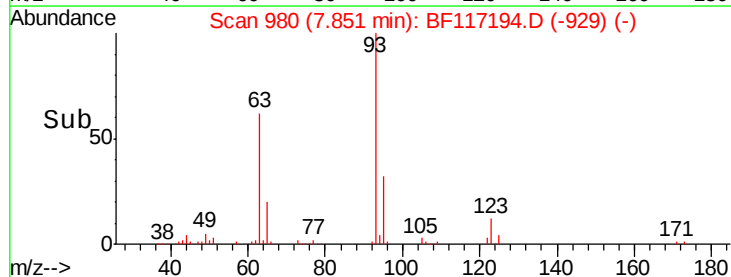
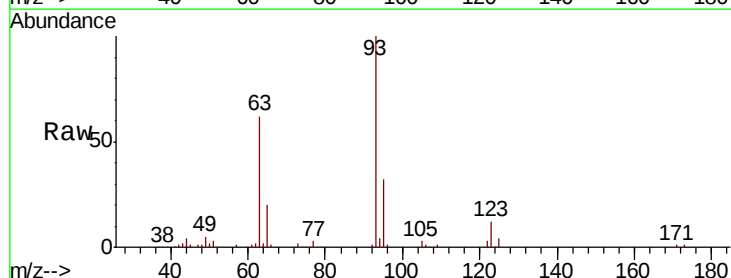
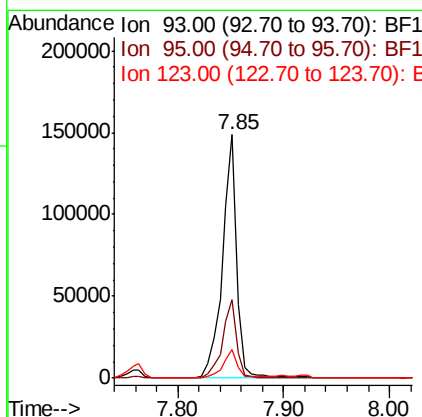
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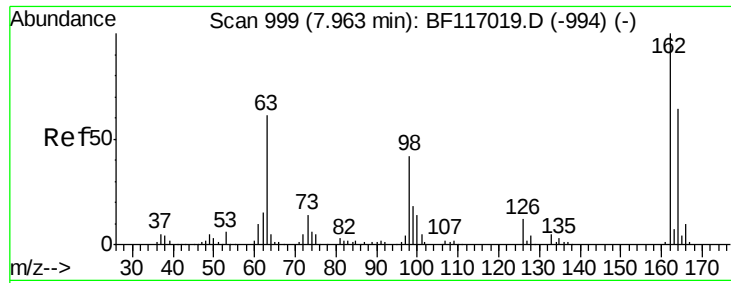
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.758 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	141528		
95	32.2	26.2	39.4	
123	11.8	9.0	13.6	





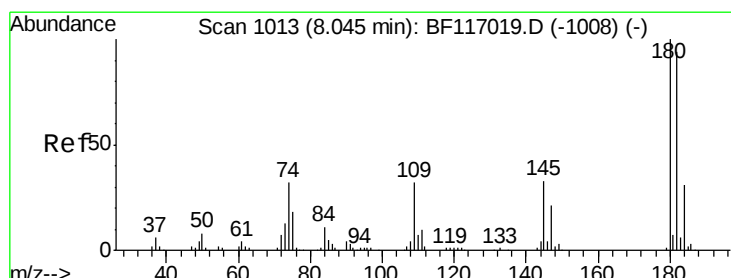
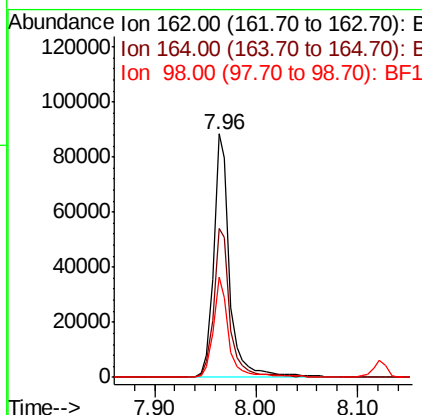
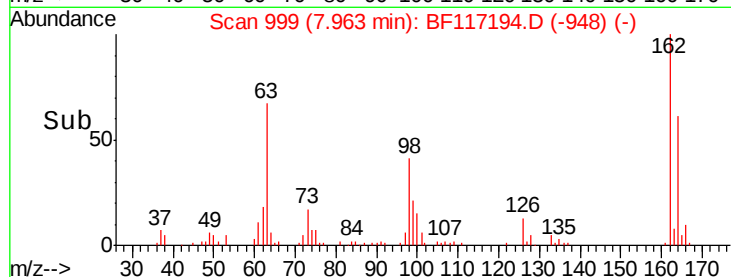
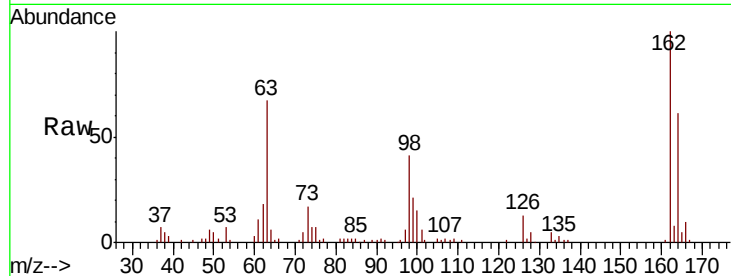
#29
2,4-Dichlorophenol
Concen: 43.234 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	96999		
164	61.3	43.8	83.8	
98	41.4	22.1	62.1	

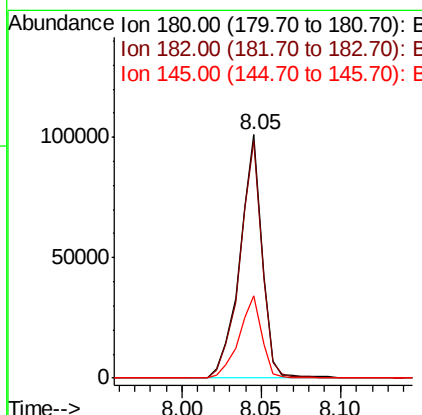
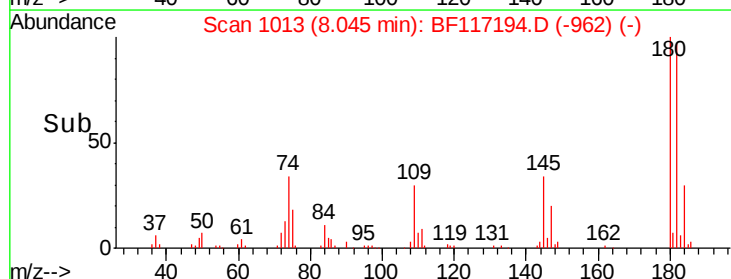
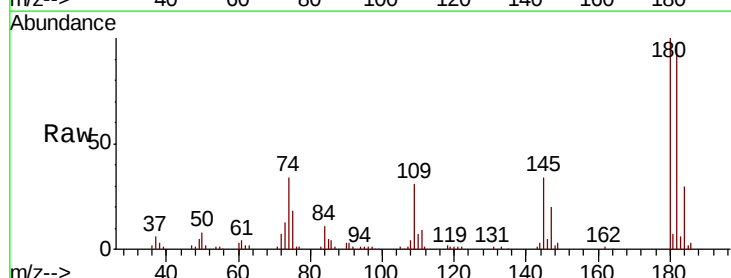
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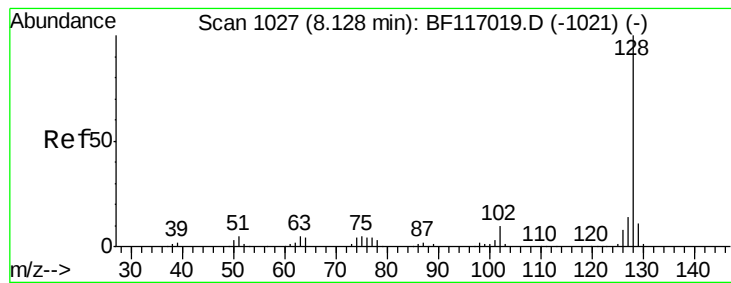
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.357 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	97821		
182	97.2	75.4	113.0	
145	34.0	26.7	40.1	





#31

Naphthalene

Concen: 42.564 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

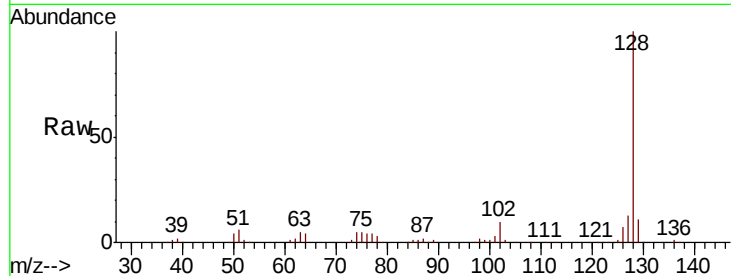
ClientSampleId :

PB123274BS

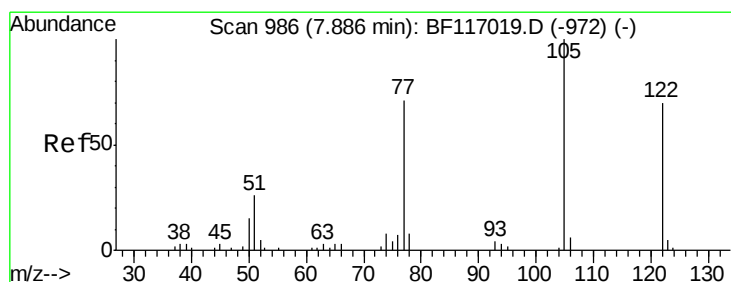
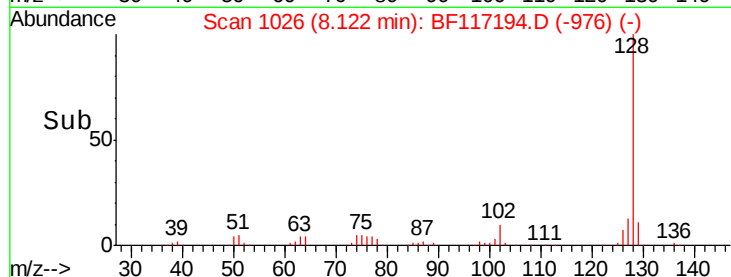
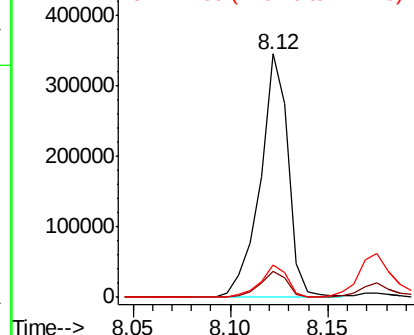
Tot Ion:128	Resp:	342371
Ion Ratio	Lower	Upper
128	100	
129	10.6	9.0 13.4
127	13.3	10.8 16.2

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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: 35.636 ng

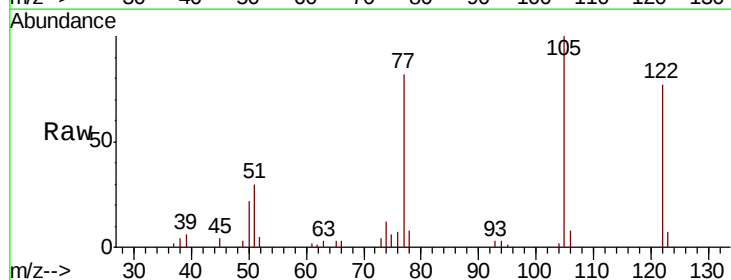
RT: 7.92 min Scan# 992

Delta R.T. 0.04 min

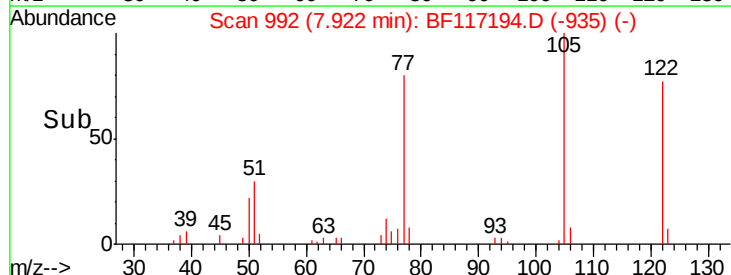
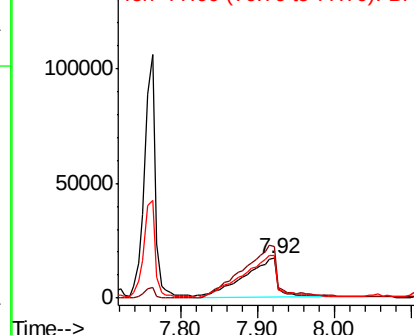
Lab File: BF117194.D

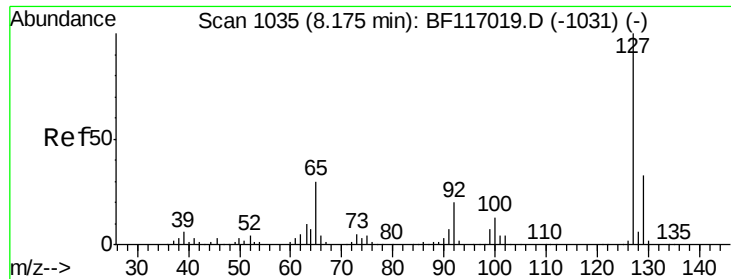
Acq: 20 Sep 2019 19:10

Tgt Ion:122	Resp:	54433
Ion Ratio	Lower	Upper
122	100	
105	130.2	114.8 154.8
77	107.2	78.7 118.7



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





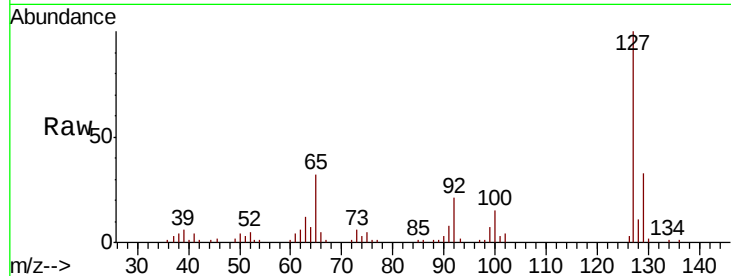
#33
4-Chloroaniline
Concen: 23.908 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

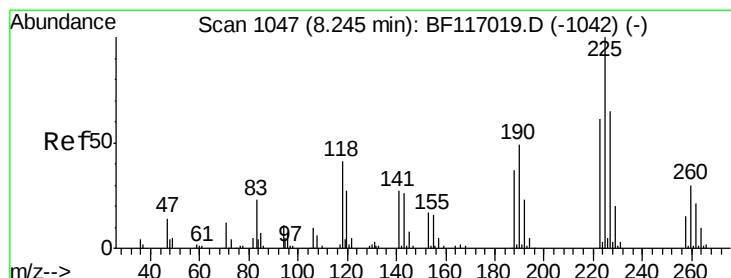
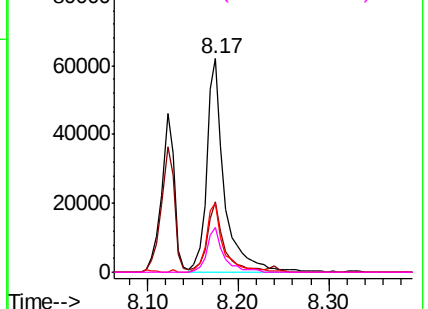
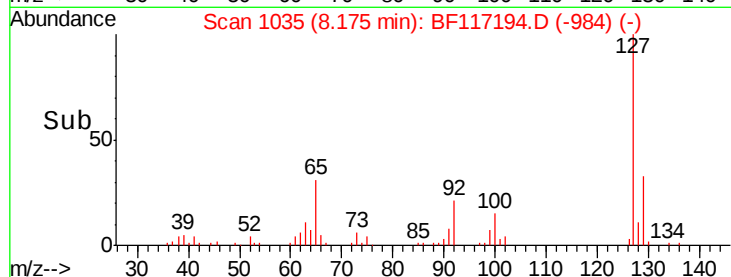
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		85294		
129	33.2	26.2	39.2		
65	32.3	23.5	35.3		
92	21.0	15.9	23.9		

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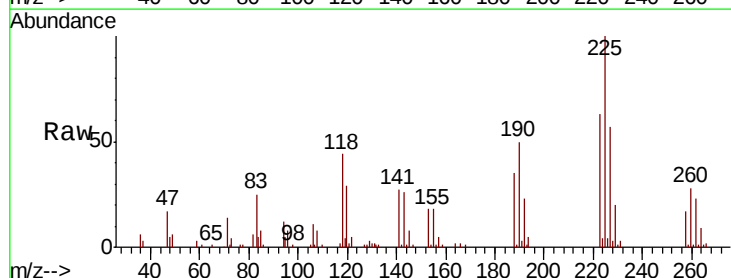


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

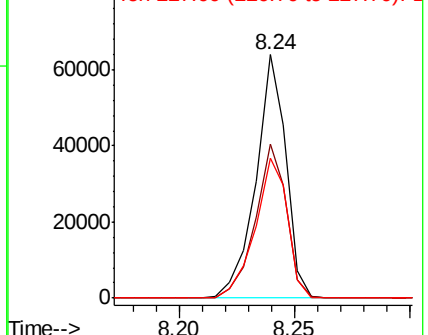
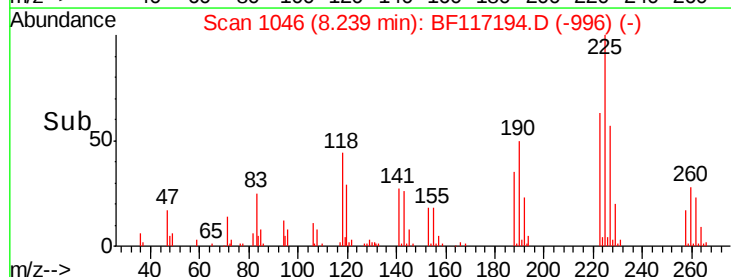


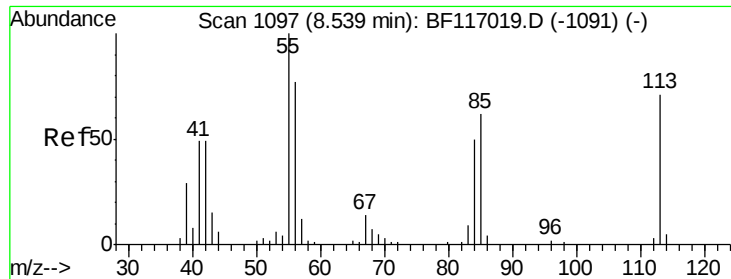
#34
Hexachlorobutadiene
Concen: 42.365 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		58261		
223	63.4	49.1	73.7		
227	57.5	52.2	78.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





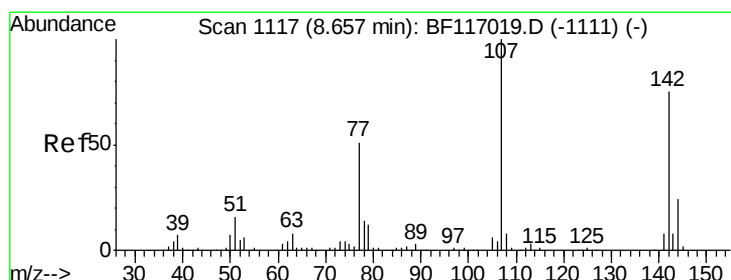
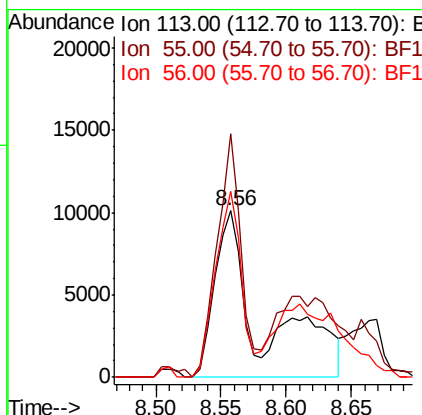
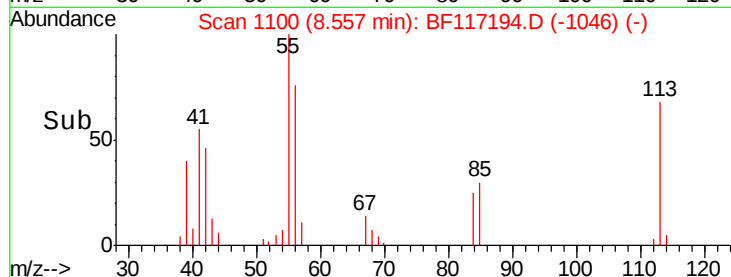
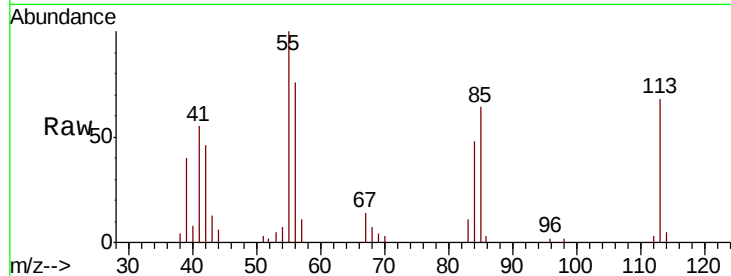
#35
Caprolactam
Concen: 33.235 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.0	120.6	160.6
56	111.7	88.8	128.8

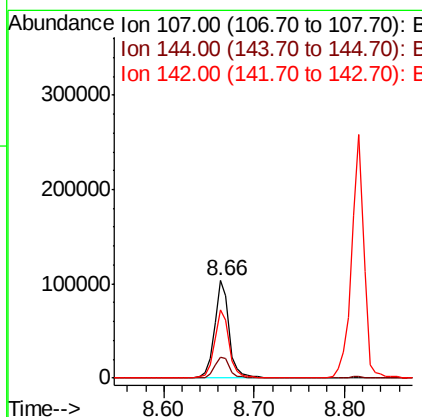
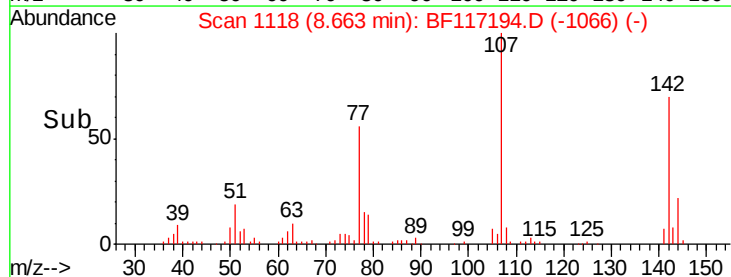
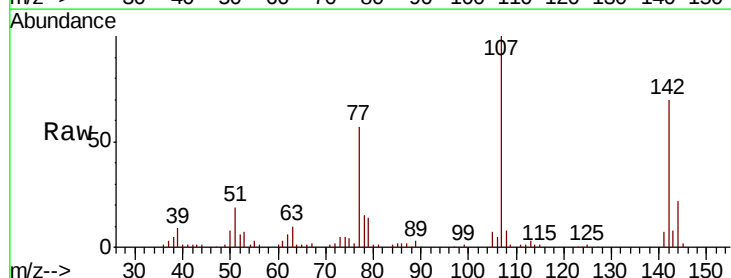
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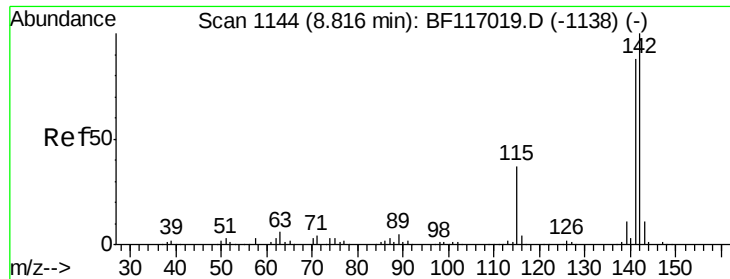
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#36
4-Chloro-3-methylphenol
Concen: 44.294 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	19.2	28.8
142	70.2	59.6	89.4





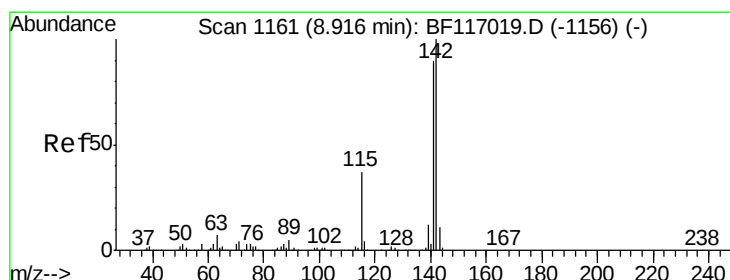
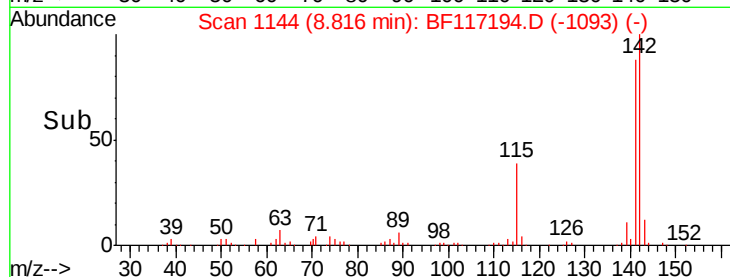
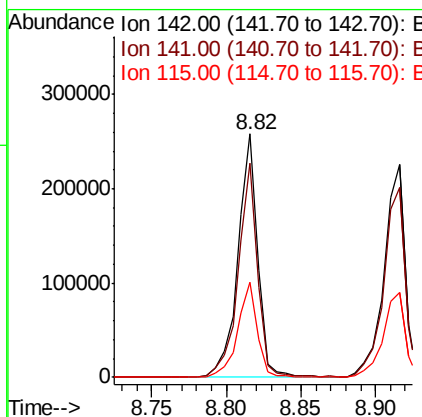
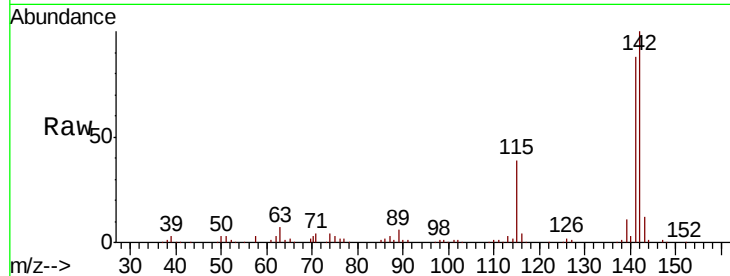
#37
2-Methylnaphthalene
Concen: 44.329 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.7	106.1
115	39.1	29.4	44.0

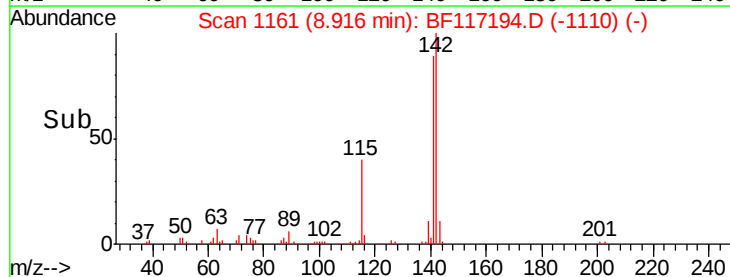
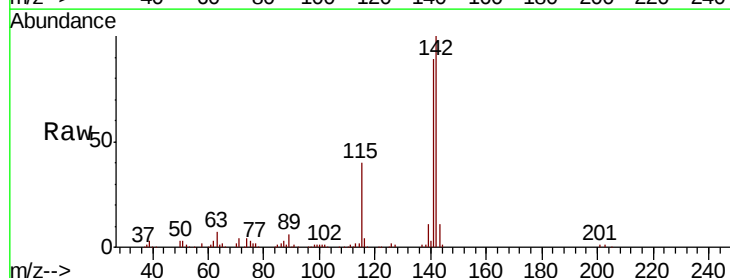
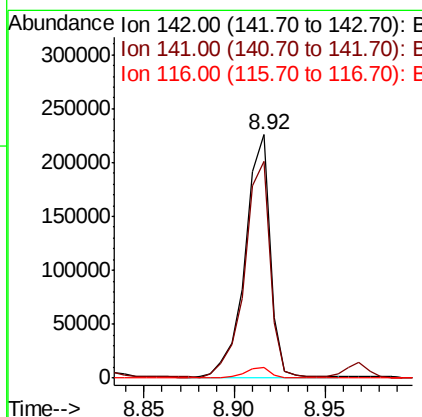
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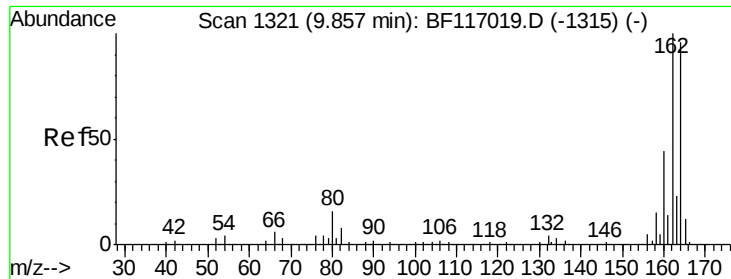
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#38
1-Methylnaphthalene
Concen: 42.719 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
116	4.1	3.2	4.8





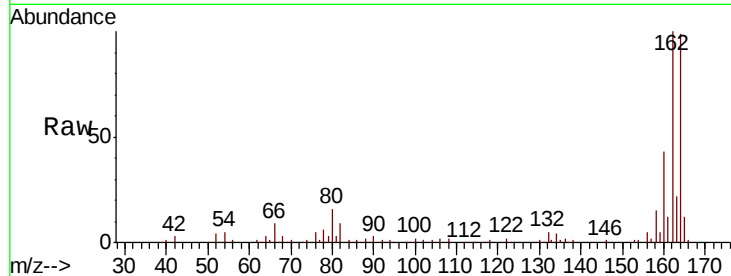
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.4	125.2
160	43.2	36.4	54.6

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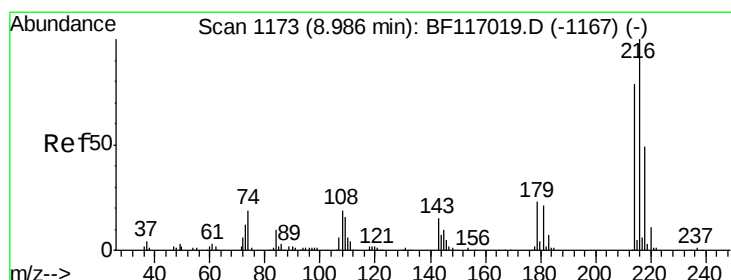
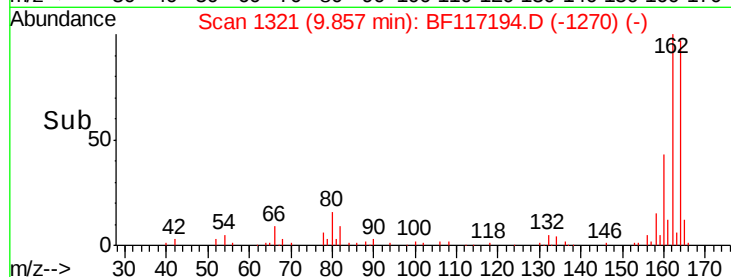
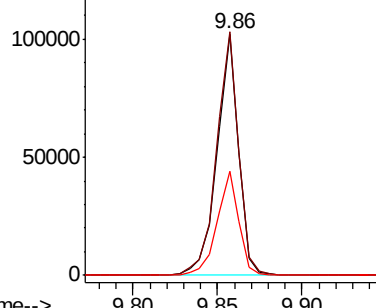


Abundance

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: 41.541 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	63.6	95.4
179	23.3	18.3	27.5
108	26.0	17.8	26.6

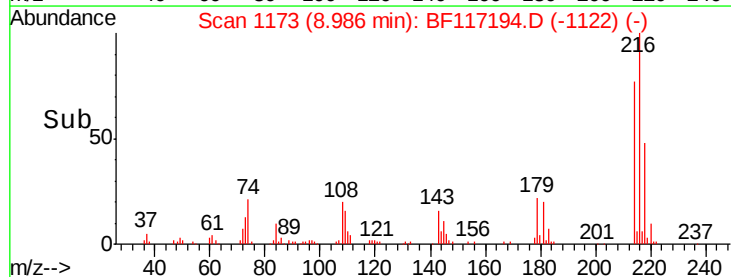
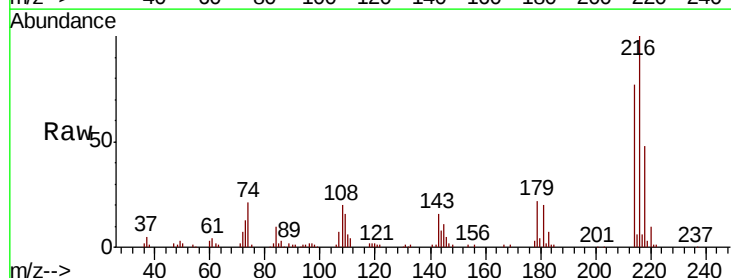
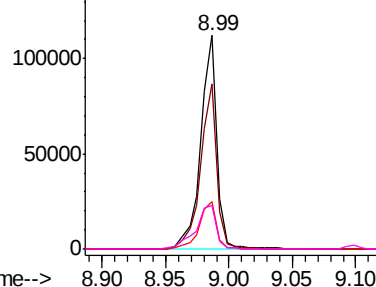
Abundance

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





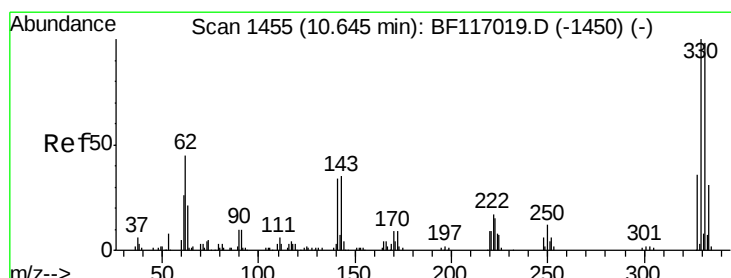
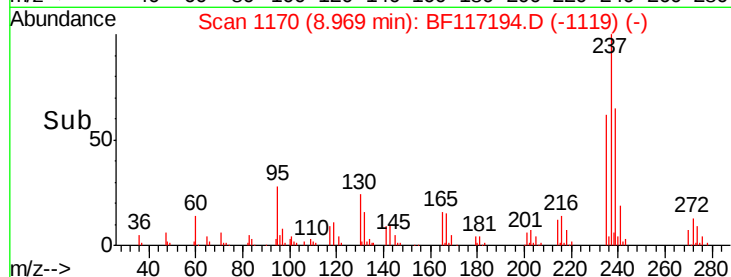
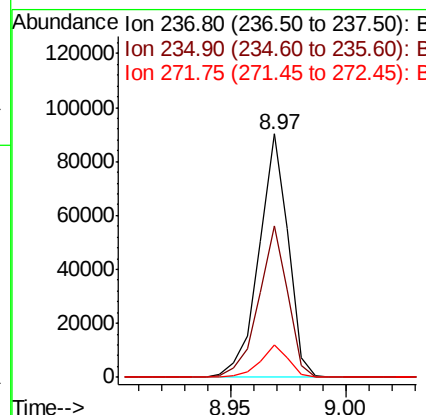
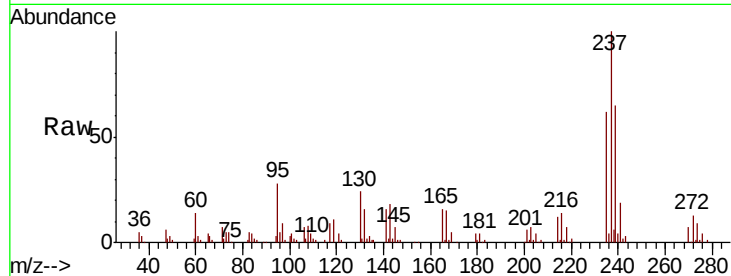
#41
Hexachlorocyclopentadiene
Concen: 76.487 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.5	43.2	83.2
272	13.1	0.0	31.9

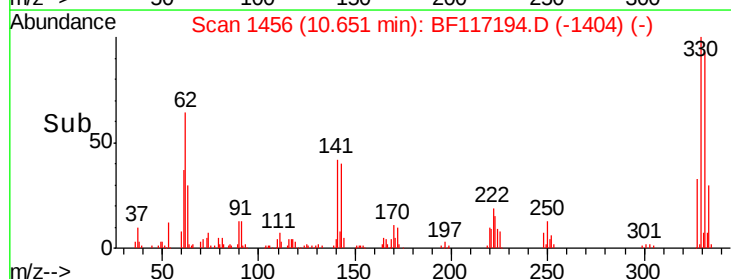
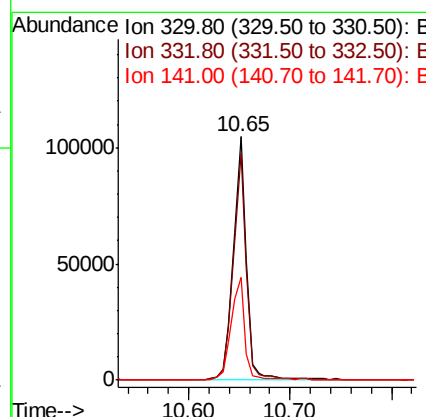
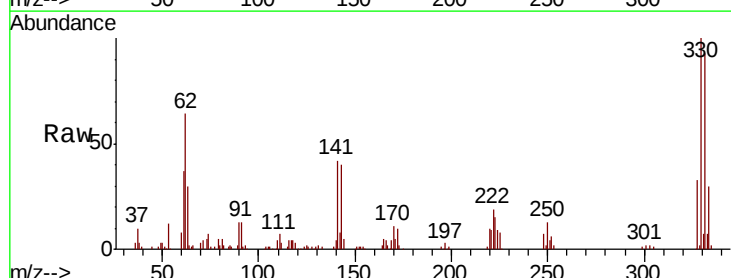
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#42
2,4,6-Tribromophenol
Concen: 124.714 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	93.6	78.0	117.0
141	43.9	35.8	53.6





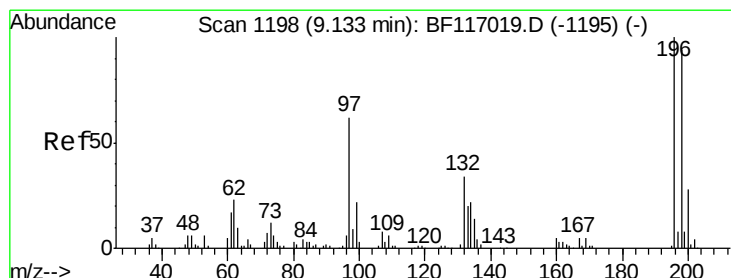
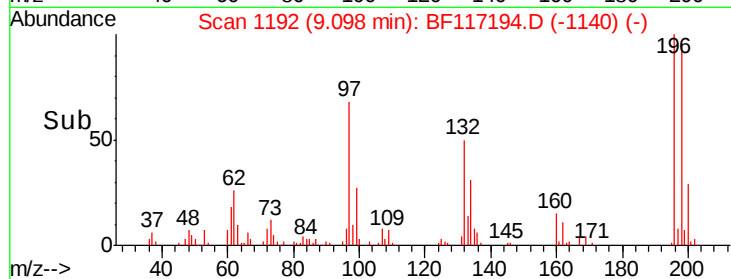
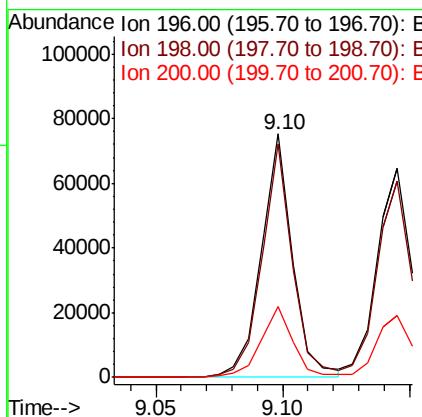
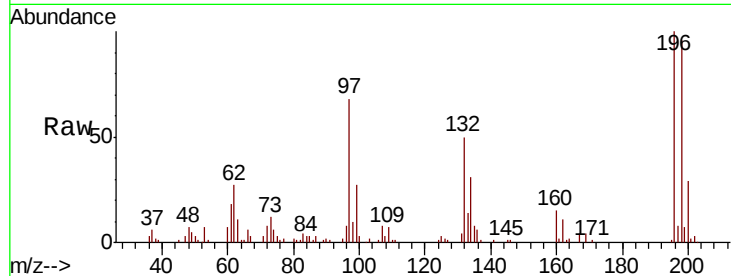
#43
 2,4,6-Trichlorophenol
 Concen: 40.397 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampled :
 PB123274BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	64897		
198	95.7	75.7	113.5	
200	29.2	23.3	34.9	

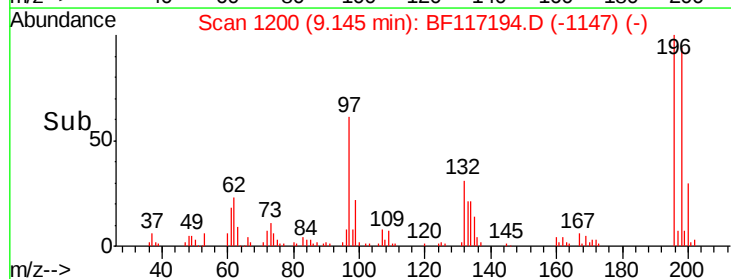
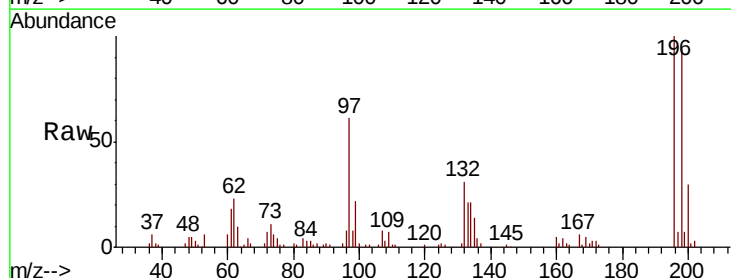
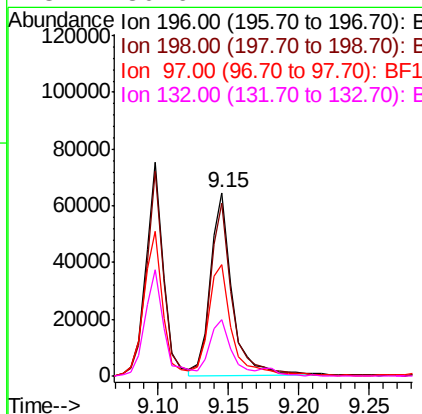
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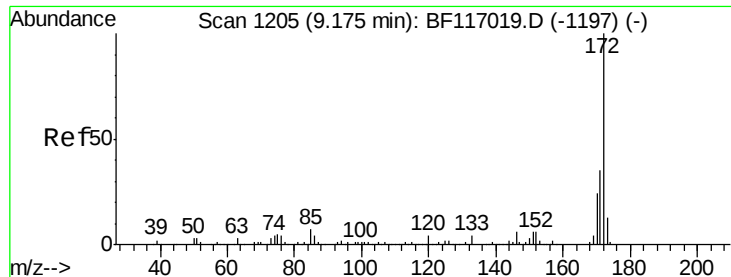
mohammad
 9/24/2019 9:12:41 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.303 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69176		
198	94.1	74.6	112.0	
97	61.0	49.5	74.3	
132	30.6	27.4	41.2	





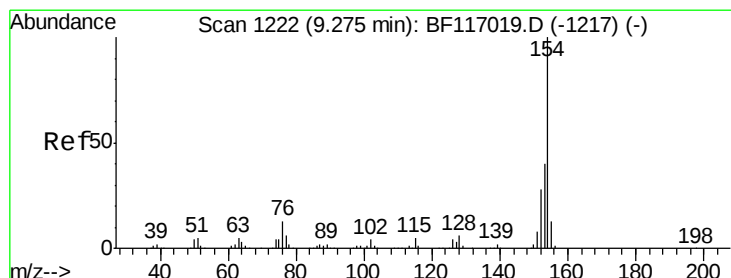
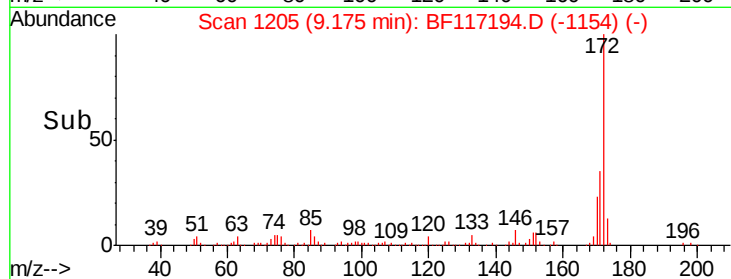
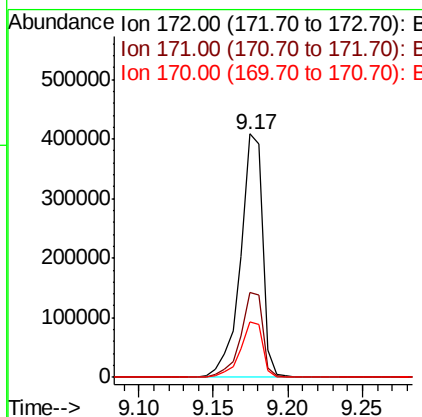
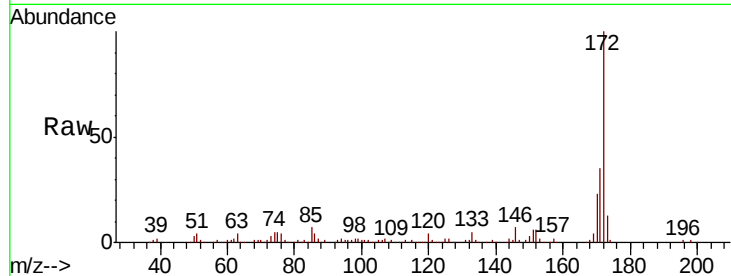
#45
2-Fluorobiphenyl
Concen: 71.908 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	22.9	18.9	28.3

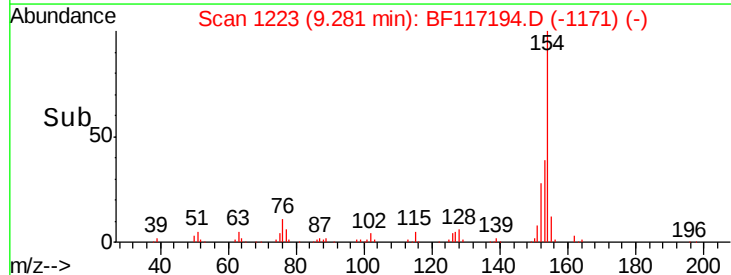
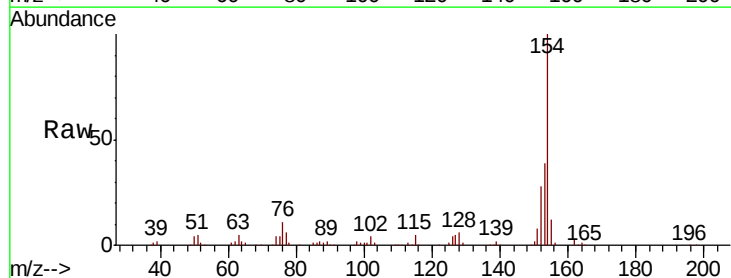
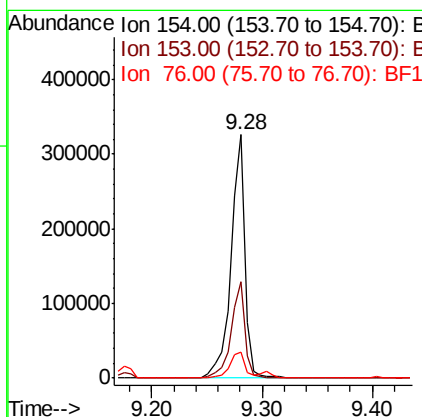
Manual Integrations
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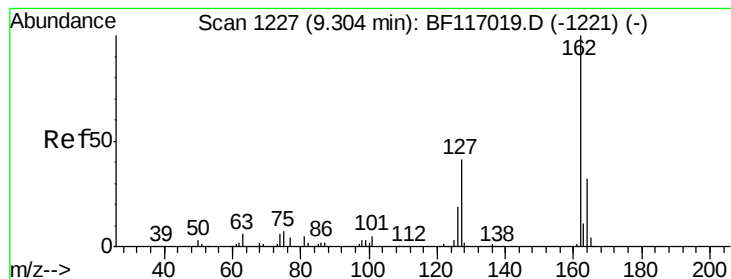
mohammad
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#46
1,1'-Biphenyl
Concen: 40.171 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.0	60.0
76	10.8	0.0	32.7





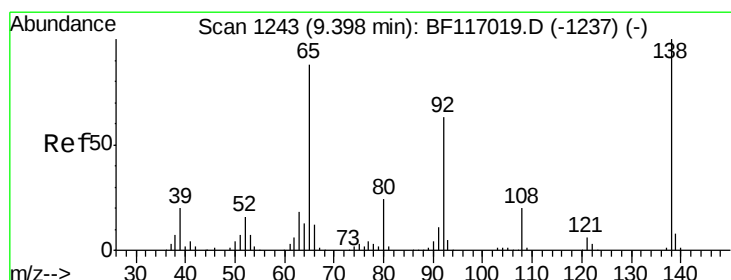
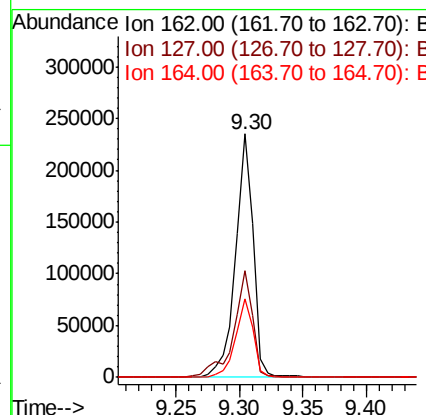
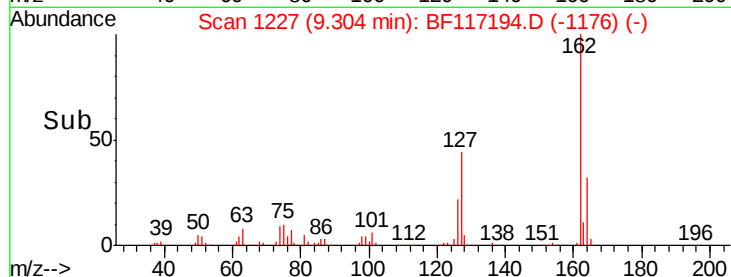
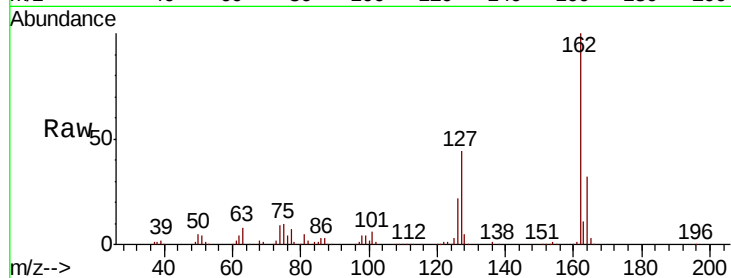
#47
2-Chloronaphthalene
Concen: 39.511 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.6	34.1	51.1	
164	32.2	25.9	38.9	

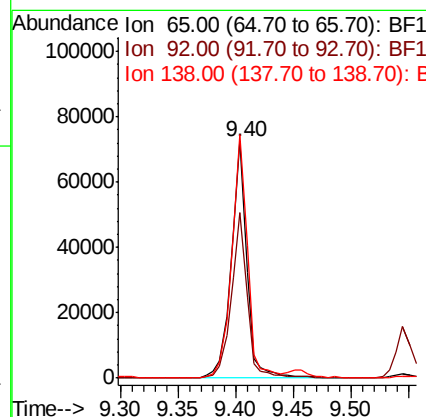
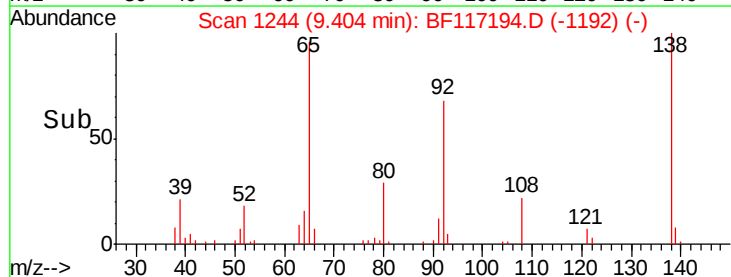
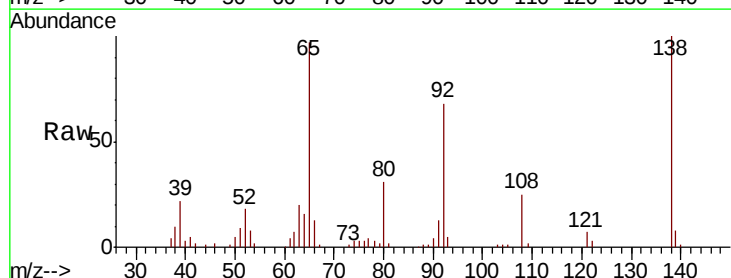
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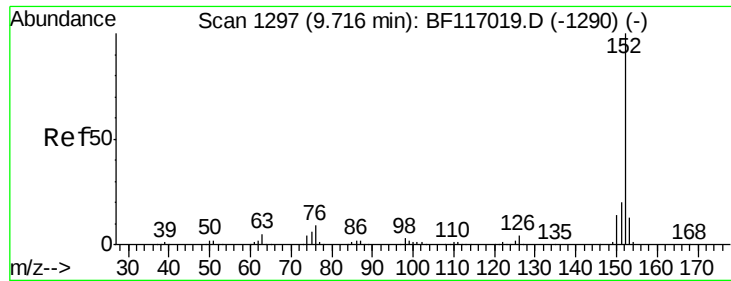
mohammad
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#48
2-Nitroaniline
Concen: 37.587 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.0	57.5	86.3	
138	102.7	90.6	136.0	





#49

Acenaphthylene

Concen: 40.860 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

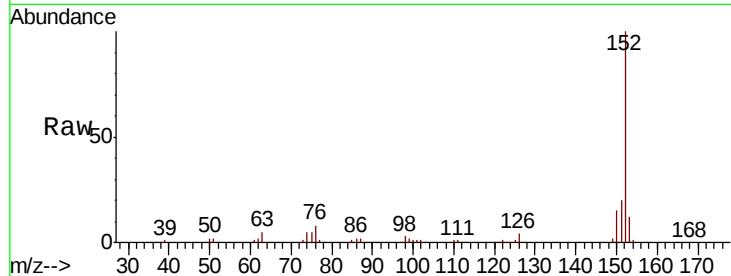
ClientSampleId :

PB123274BS

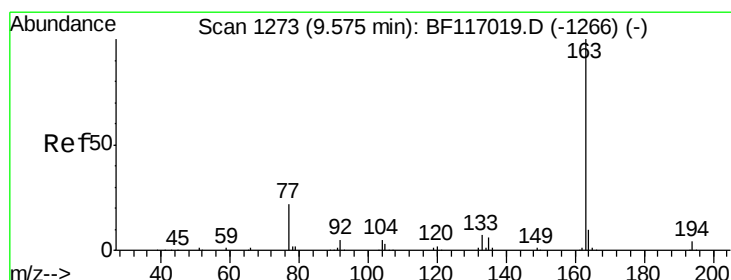
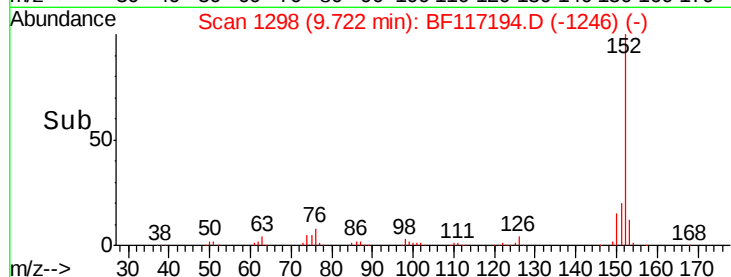
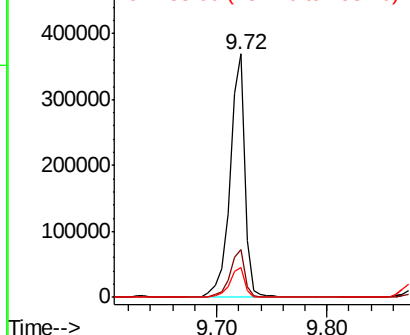
Tot Ion:	152	Resp:	347378
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.2
153	12.3	10.2	15.4

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



#50

Dimethylphthalate

Concen: 40.998 ng

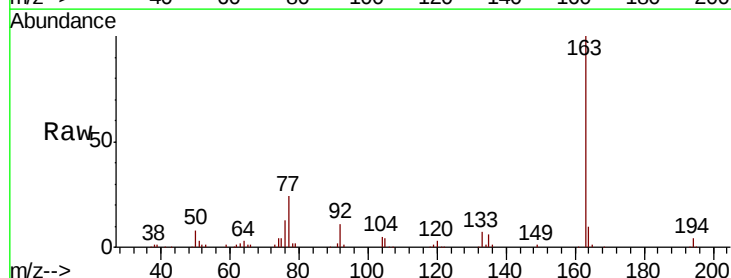
RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

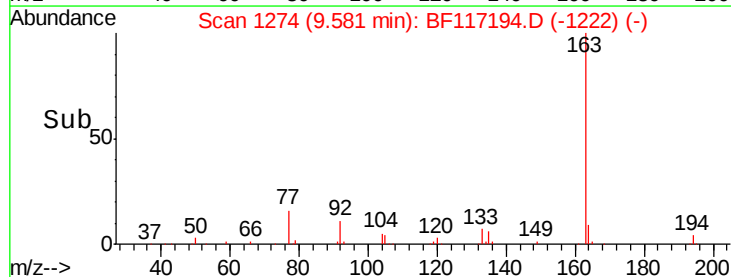
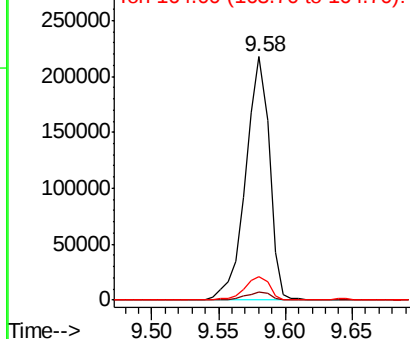
Lab File: BF117194.D

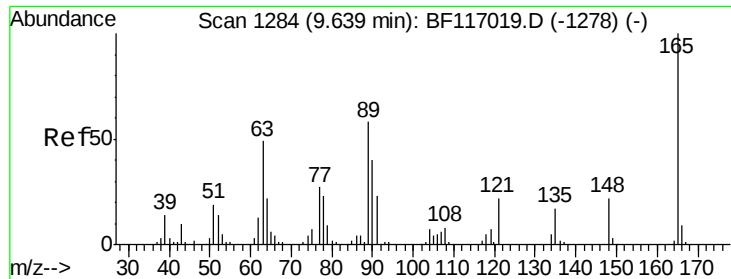
Acq: 20 Sep 2019 19:10

Tgt Ion:	163	Resp:	266117
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.9	4.3
164	9.8	8.2	12.4



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





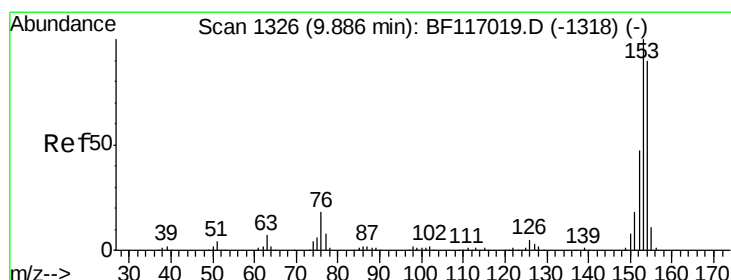
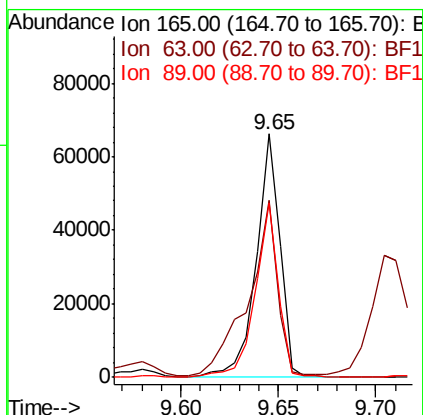
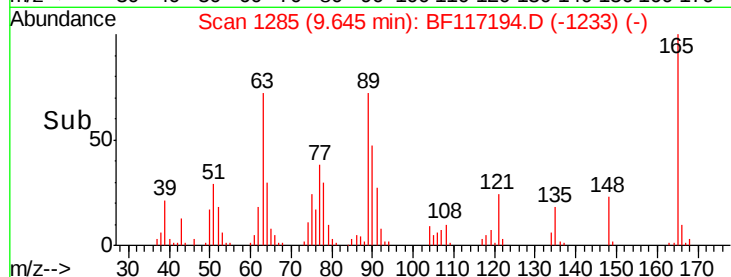
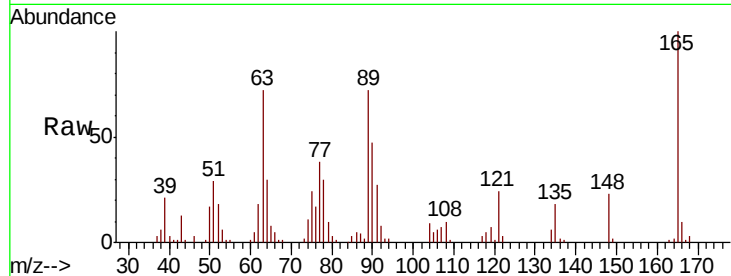
#51
2,6-Dinitrotoluene
Concen: 42.362 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	72.5	41.8	62.8#
89	71.8	46.5	69.7#

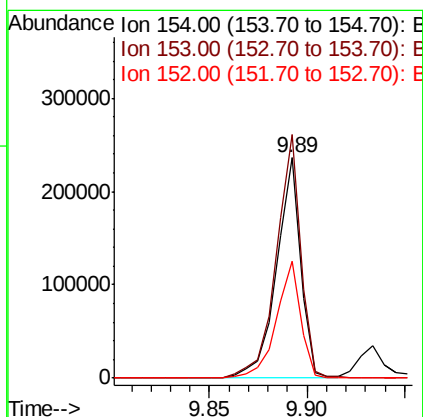
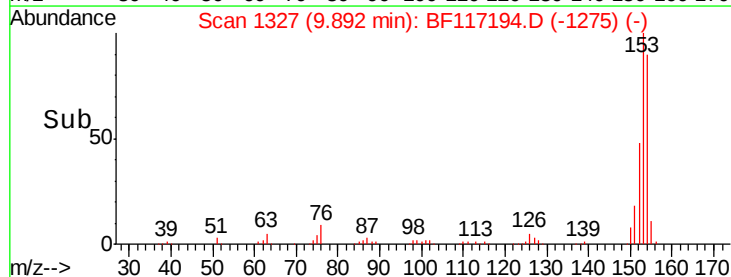
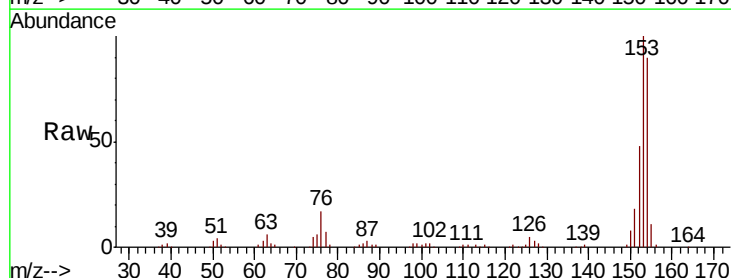
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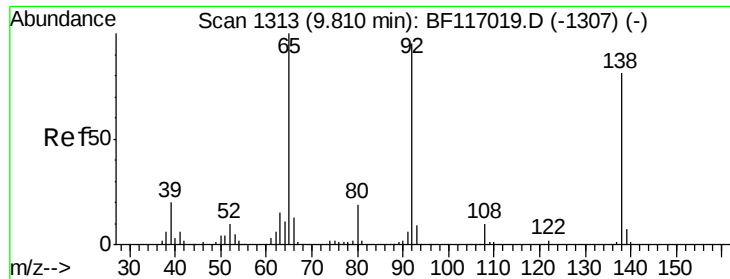
mohammad
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#52
Acenaphthene
Concen: 40.382 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	110.6	89.0	133.6
152	53.3	41.9	62.9





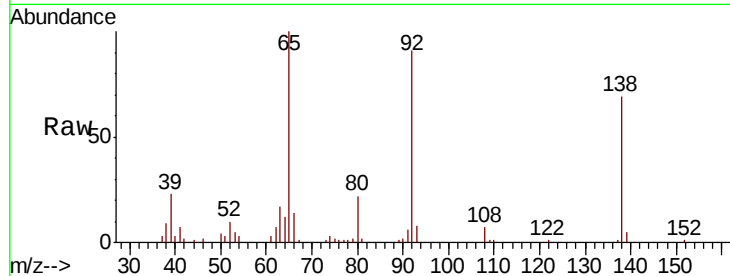
#53
3-Nitroaniline
Concen: 24.379 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.5	14.3
92	132.5	94.1	141.1

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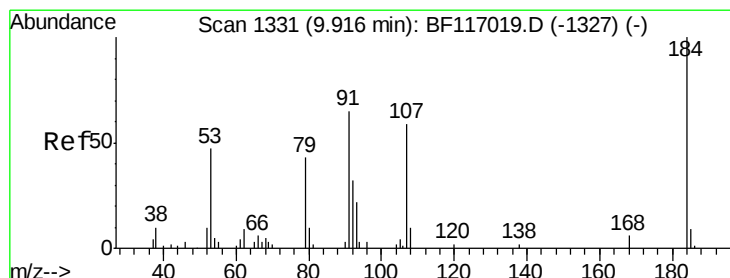
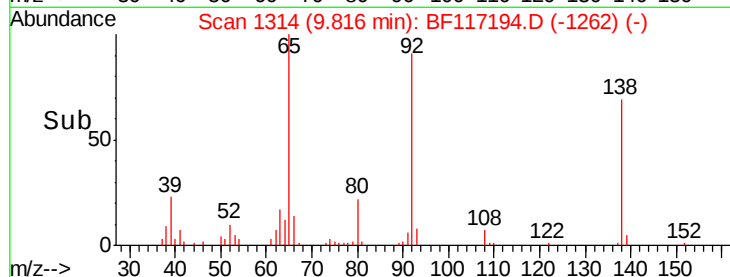
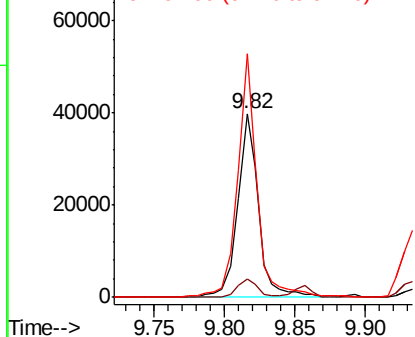


Abundance

Ion 138.00 (137.70 to 138.70): E

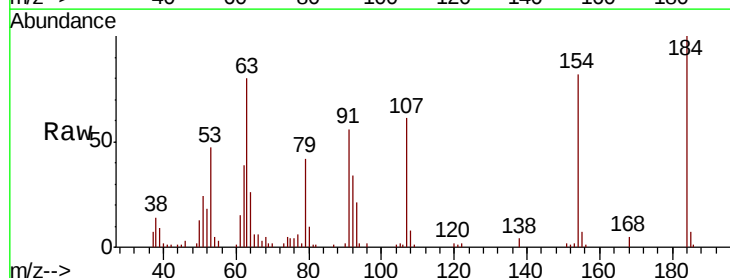
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 76.025 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.3	63.8	95.6
154	82.4	60.4	90.6

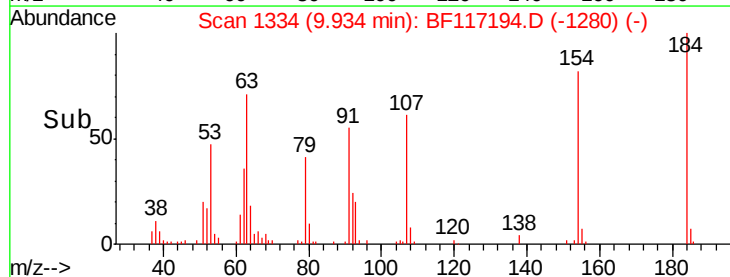
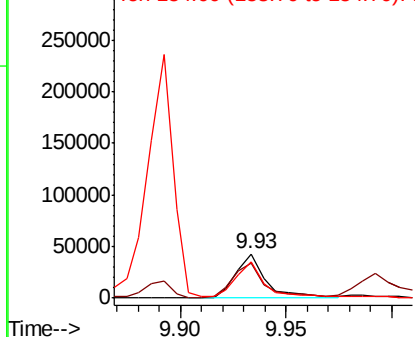


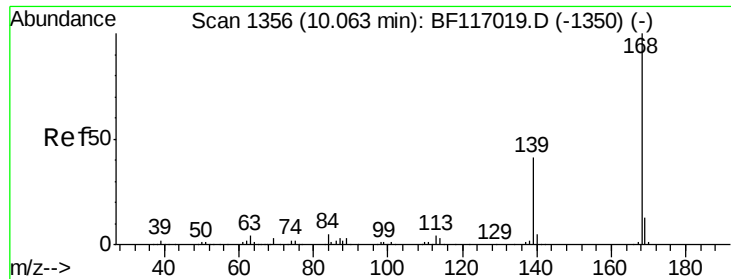
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





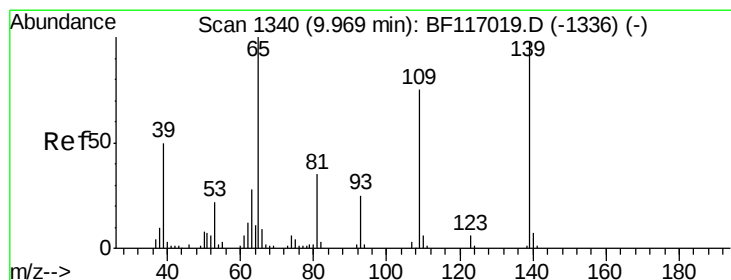
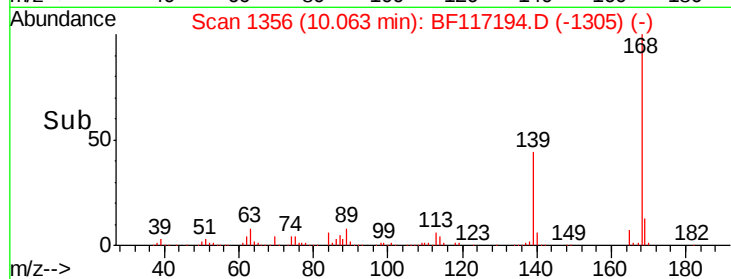
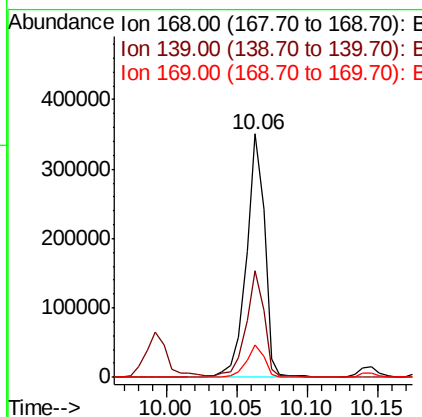
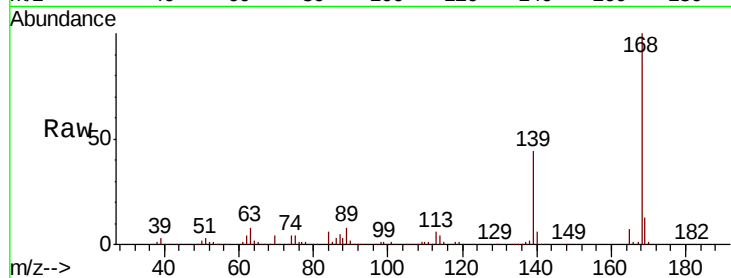
#55
Dibenzenofuran
Concen: 42.630 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.7	32.8	49.2	
169	13.2	10.5	15.7	

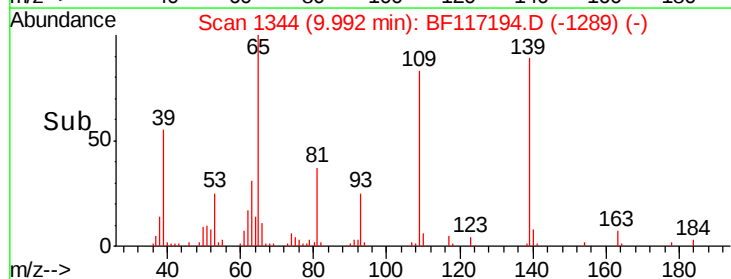
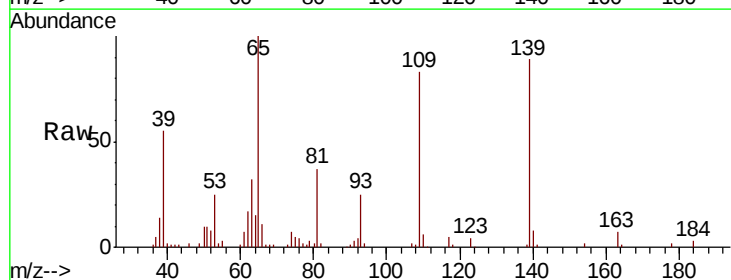
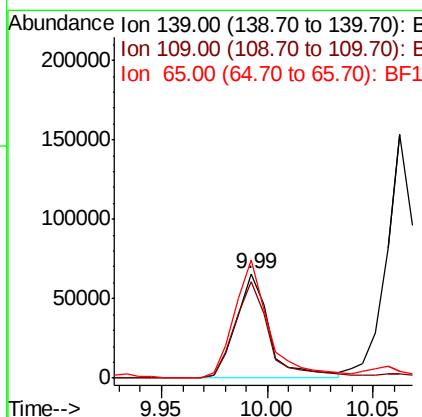
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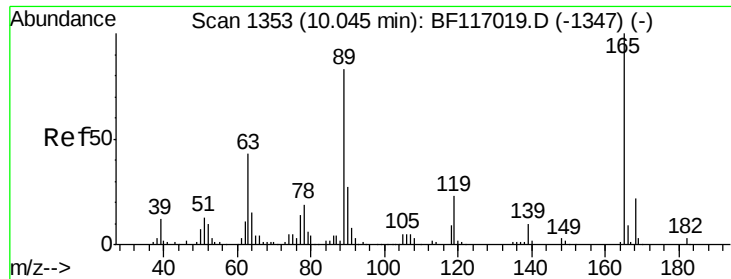
mohammad
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#56
4-Nitrophenol
Concen: 66.611 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	93.0	56.4	96.4	
65	112.7	82.5	122.5	





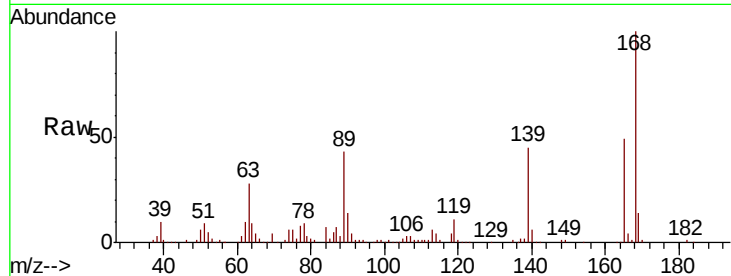
#57
2,4-Dinitrotoluene
Concen: 44.610 ng
RT: 10.06 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

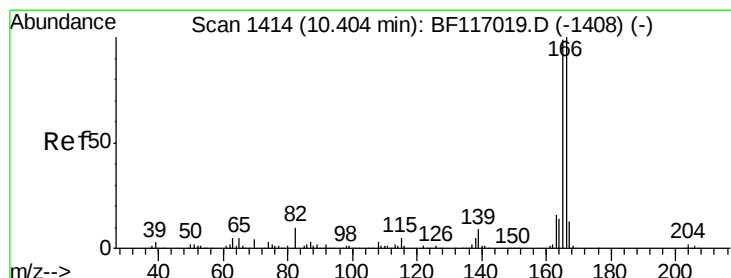
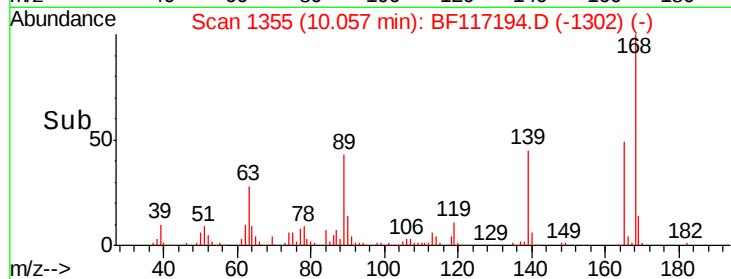
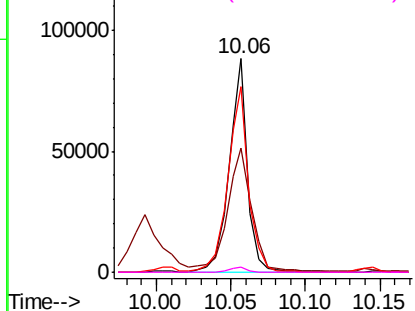
Tot Ion	Ratio	Resp	Lower	Upper
165	100	76553		
63	58.1	35.0	52.4	#
89	86.9	66.1	99.1	
182	2.4	2.0	3.0	

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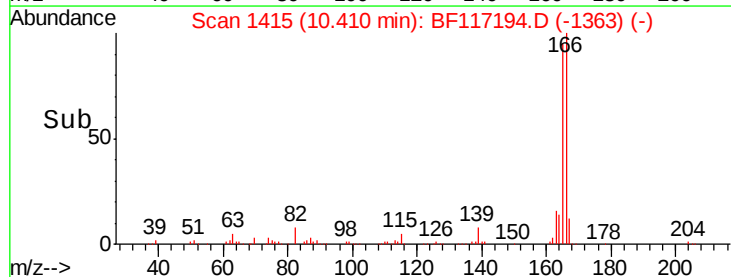
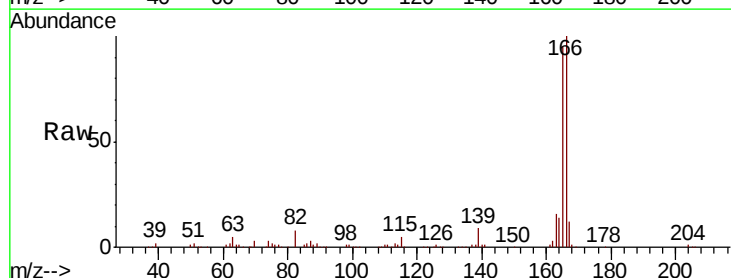
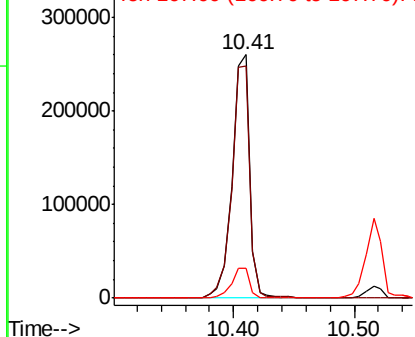
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.880 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	262830		
165	95.3	78.9	118.3	
167	12.4	10.6	15.8	

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





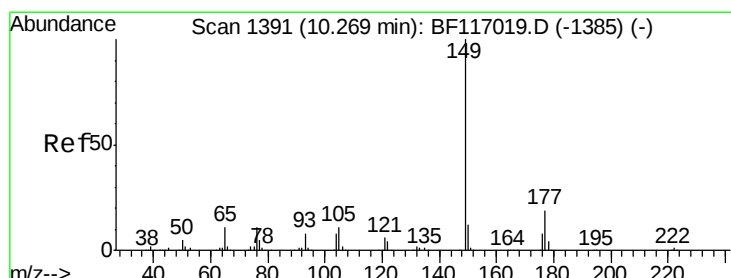
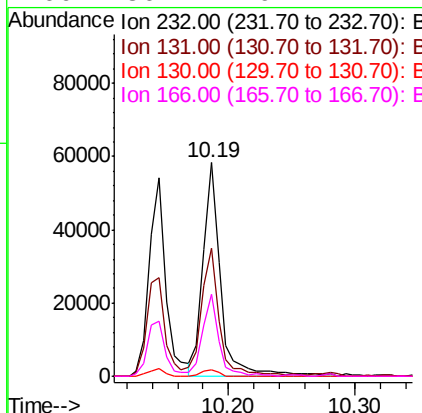
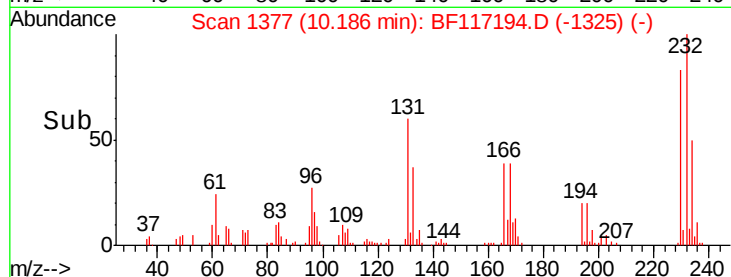
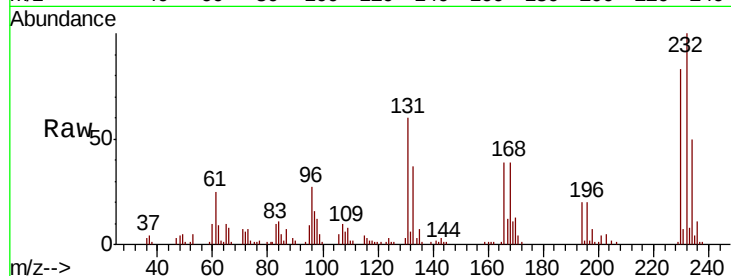
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.901 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	61.7	45.3	67.9
130	2.8	1.8	2.8
166	36.2	29.4	44.2

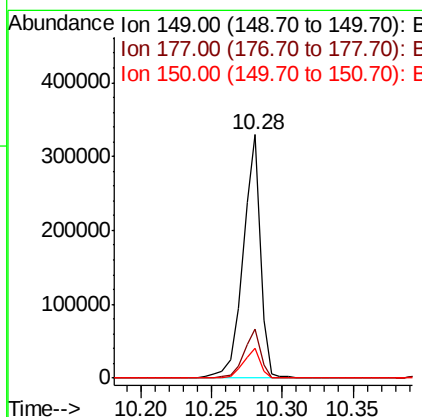
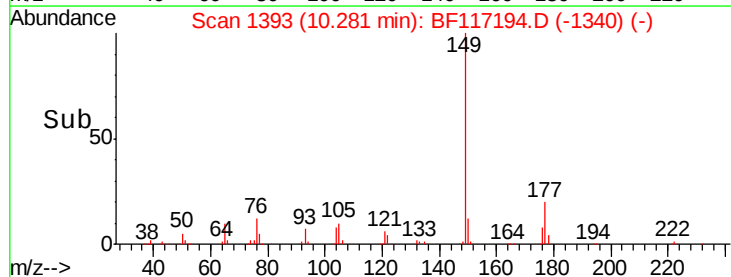
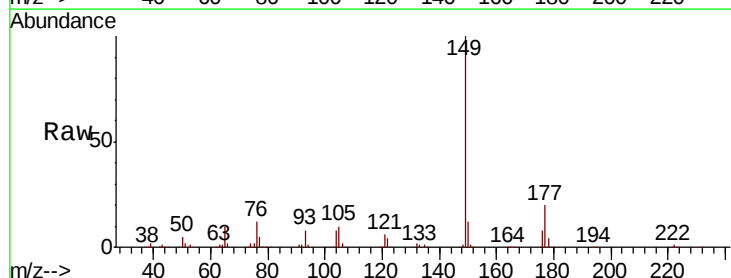
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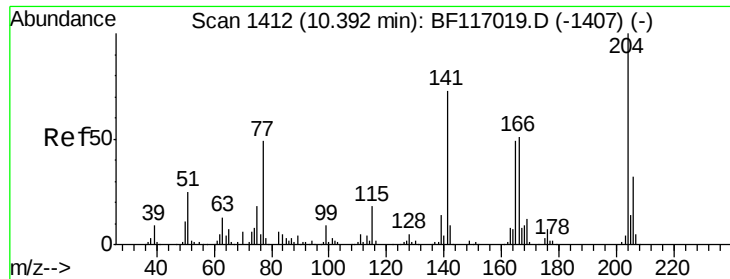
mohammad
9/24/2019 9:12:41 AM



#60
Diethylphthalate
Concen: 43.814 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	15.2	22.8
150	12.5	9.9	14.9





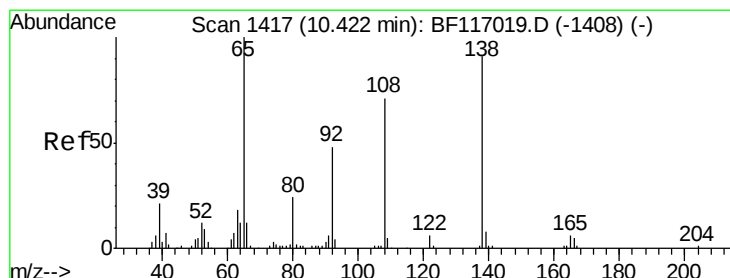
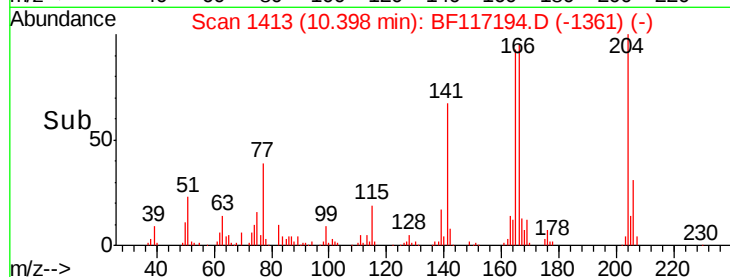
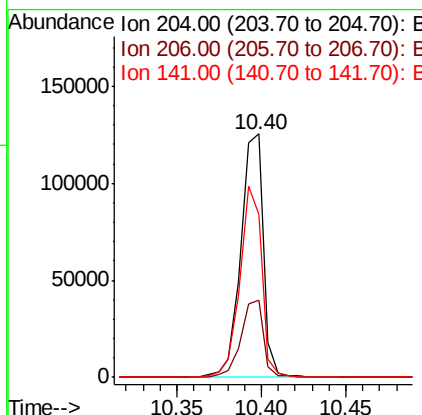
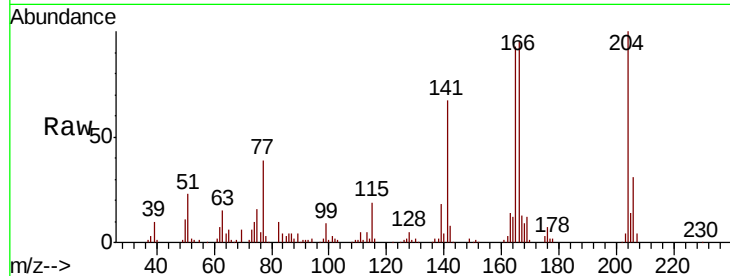
#61
4-Chlorophenyl-phenylether
Concen: 45.273 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.0	39.0
141	67.0	58.2	87.2

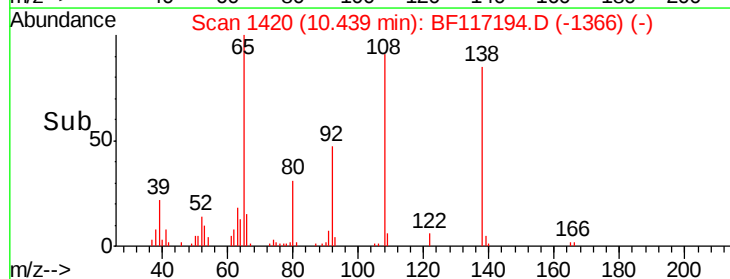
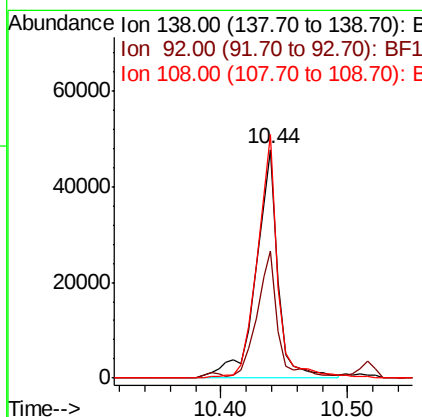
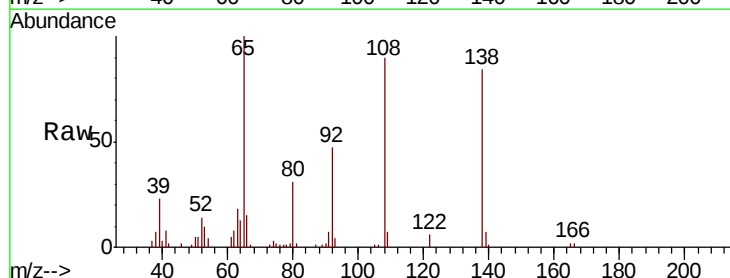
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#62
4-Nitroaniline
Concen: 33.857 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	32.9	72.9
108	106.4	58.3	98.3





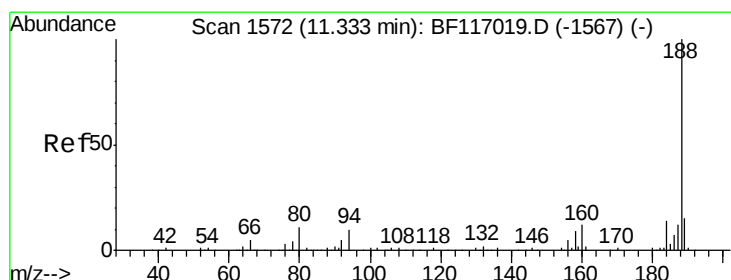
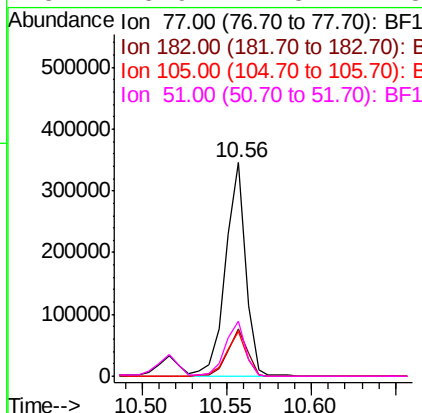
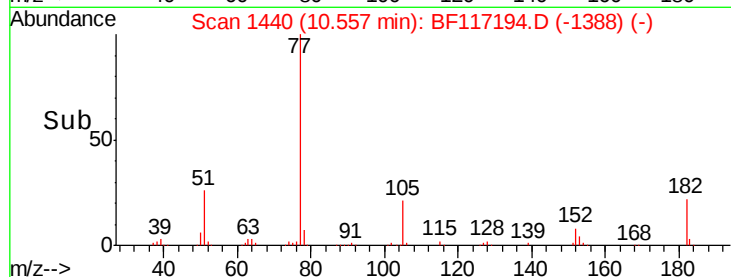
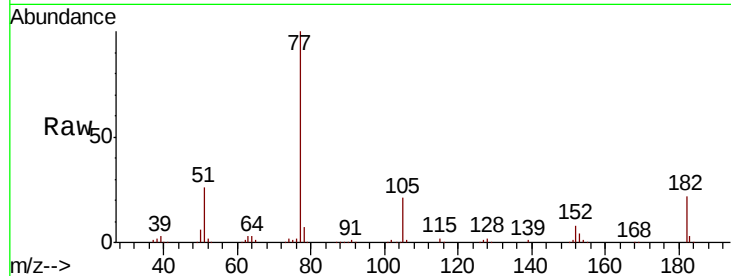
#63
Azobenzene
Concen: 43.574 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.1	0.4	40.4		
105	21.2	0.9	40.9		
51	25.9	2.8	42.8		

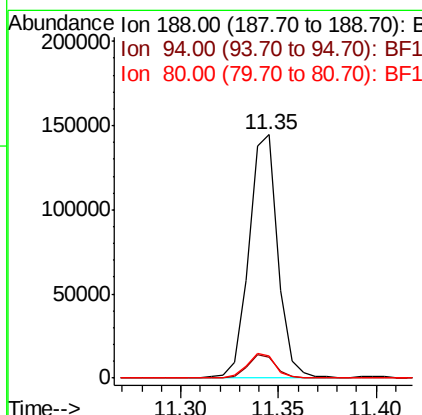
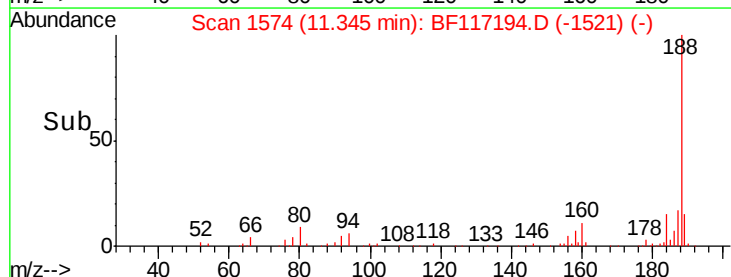
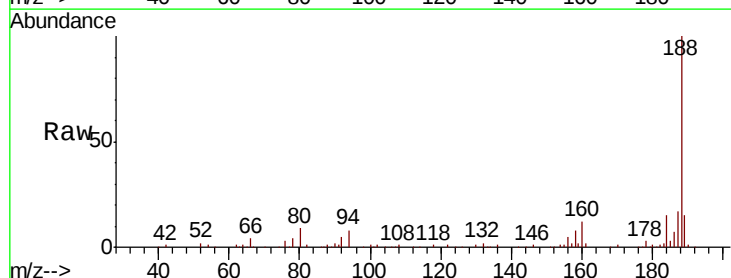
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.3	8.2	12.2		
80	9.2	9.0	13.6		





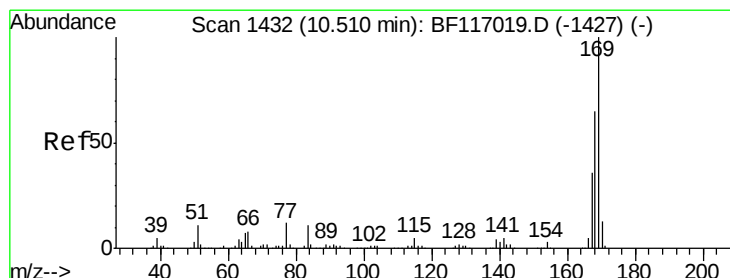
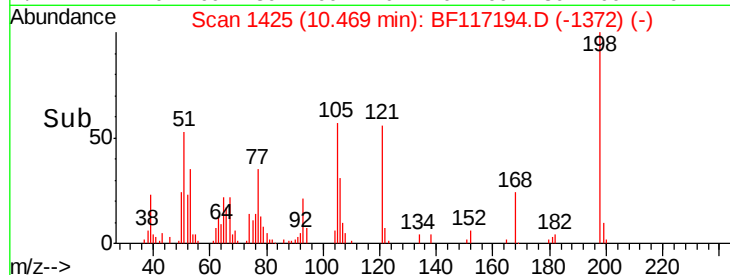
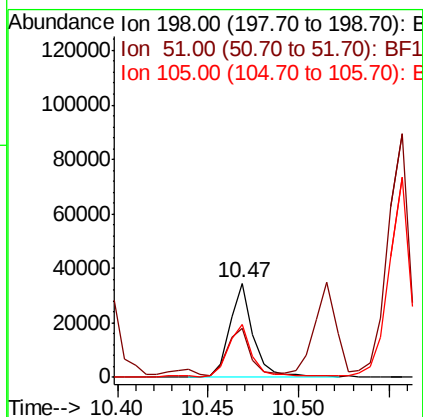
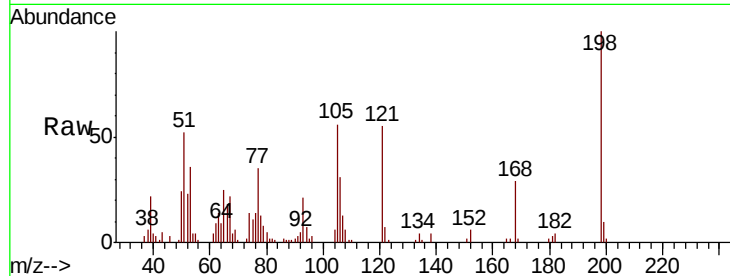
#65
4,6-Dinitro-2-methylphenol
Concen: 46.458 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampled :
PB123274BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	31211		
51	52.0	18.7	58.7	
105	56.5	30.2	70.2	

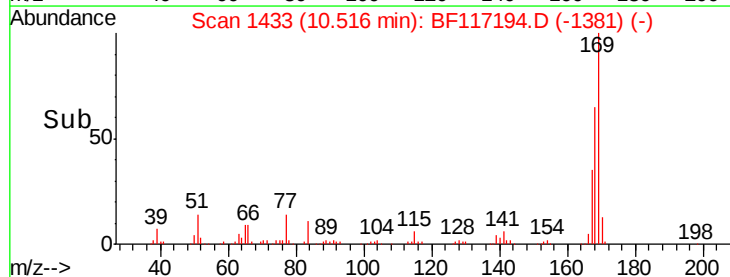
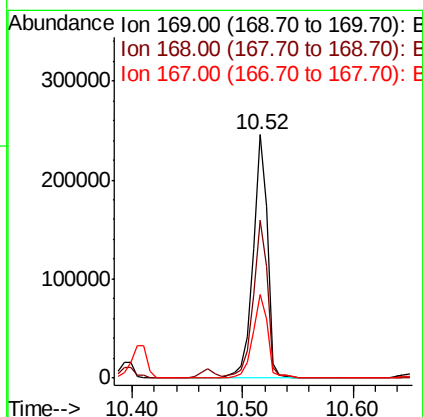
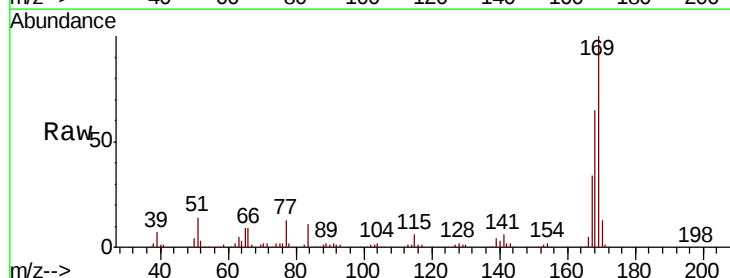
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#66
n-Nitrosodiphenylamine
Concen: 43.994 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	225273		
168	64.9	52.2	78.2	
167	34.4	28.8	43.2	





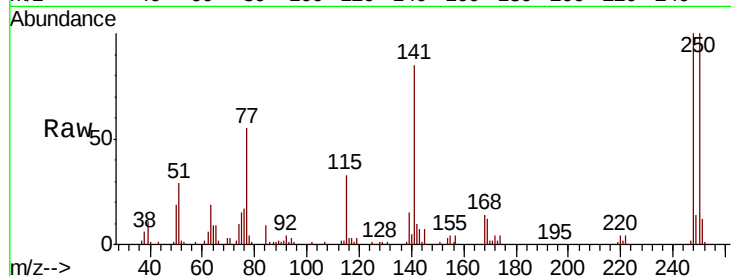
#67
 4-Bromophenyl-phenylether
 Concen: 44.176 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampled :
 PB123274BS

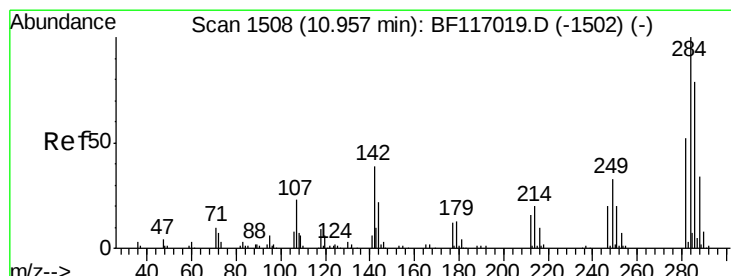
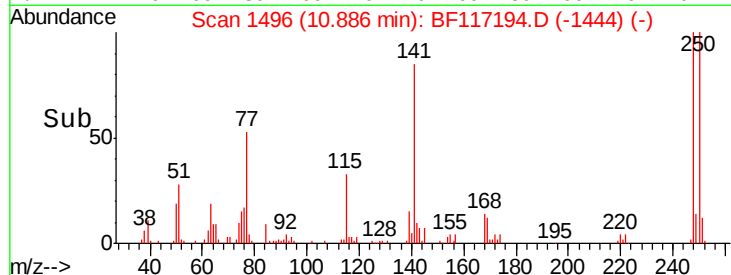
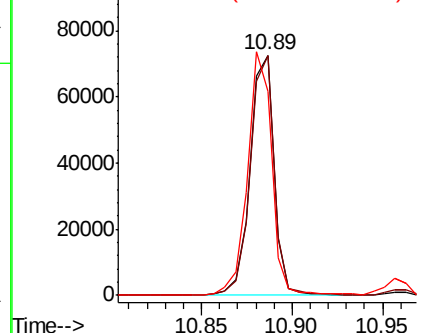
Tot Ion:	248	Resp:	66890
Ion Ratio	Lower	Upper	
248	100		
250	99.8	76.2	114.4
141	85.0	75.0	112.4

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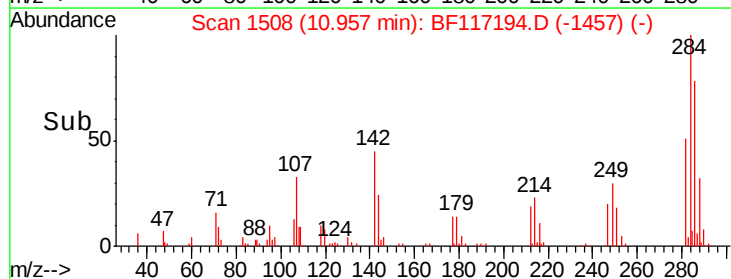
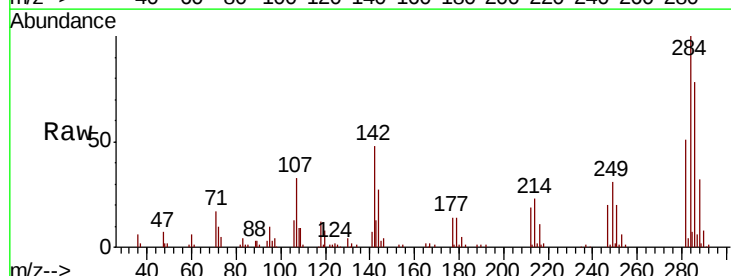
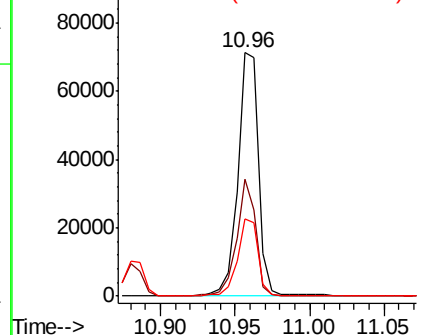
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

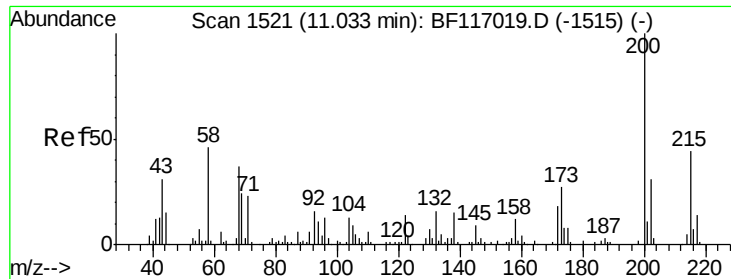


#68
 Hexachlorobenzene
 Concen: 42.260 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion:	284	Resp:	69988
Ion Ratio	Lower	Upper	
284	100		
142	48.1	31.4	47.2#
249	31.5	26.5	39.7

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





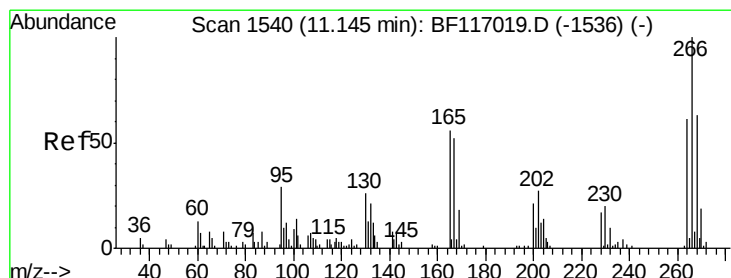
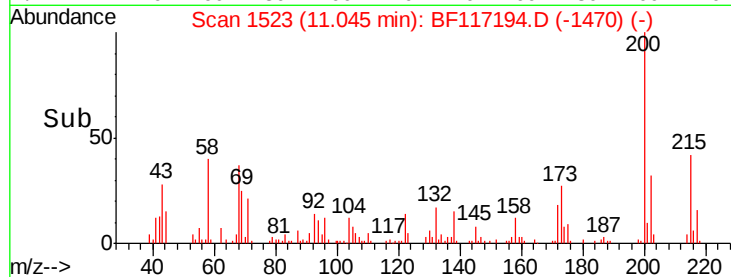
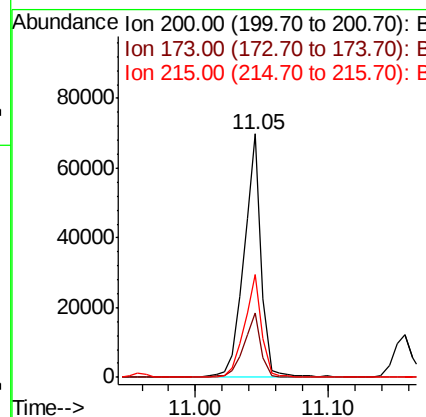
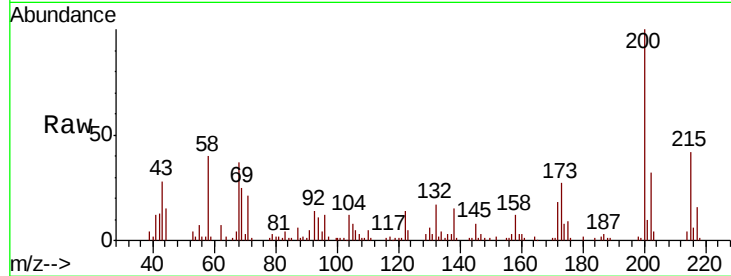
#69
Atrazine
Concen: 50.341 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.6	6.9	46.9
215	42.1	23.8	63.8

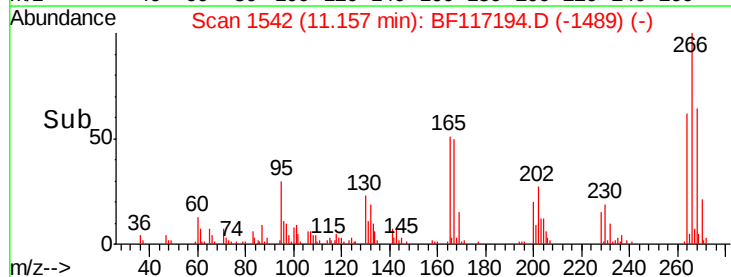
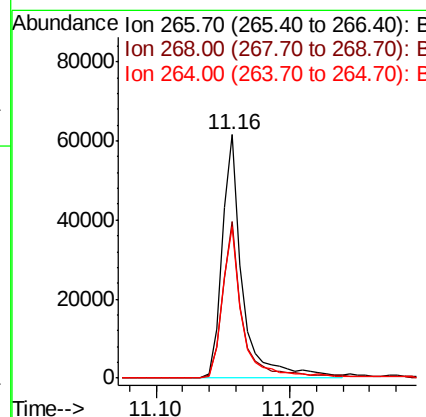
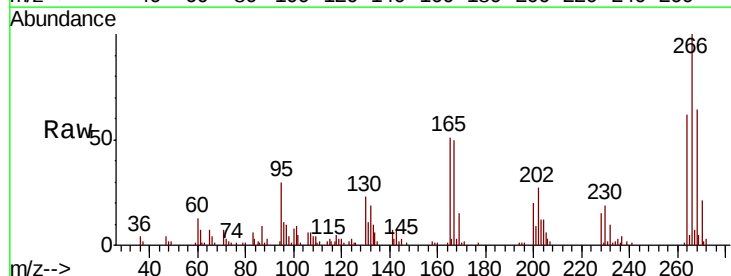
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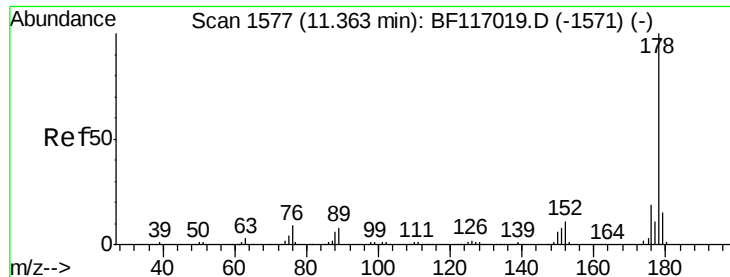
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#70
Pentachlorophenol
Concen: 85.225 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	50.5	75.7
264	62.4	48.8	73.2





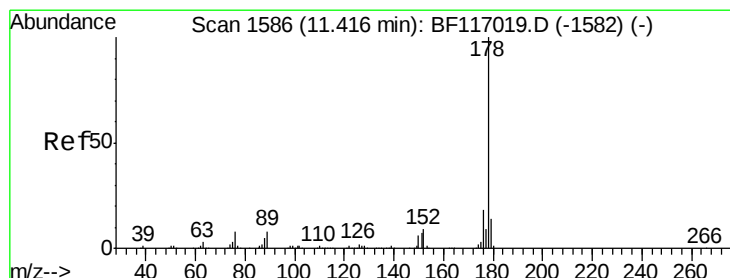
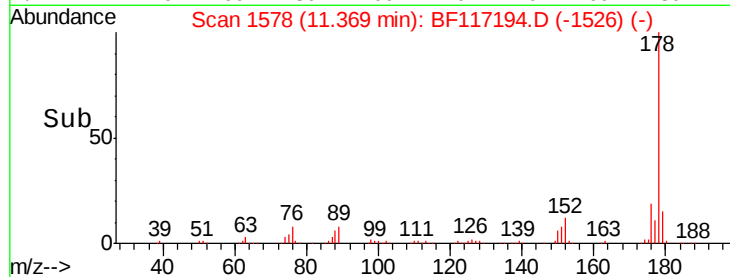
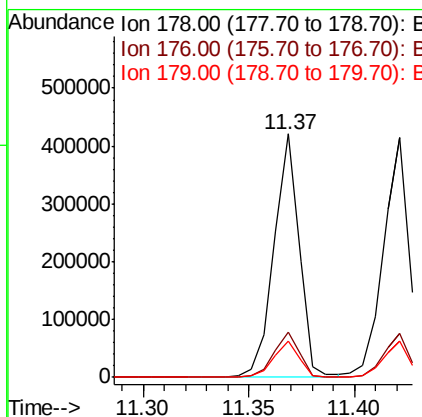
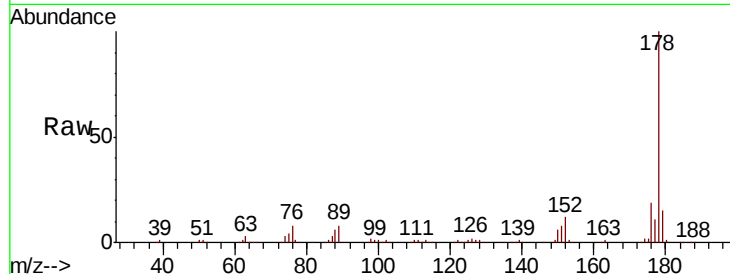
#71
Phenanthrene
Concen: 41.797 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.8	15.4	23.2	
179	14.7	12.4	18.6	

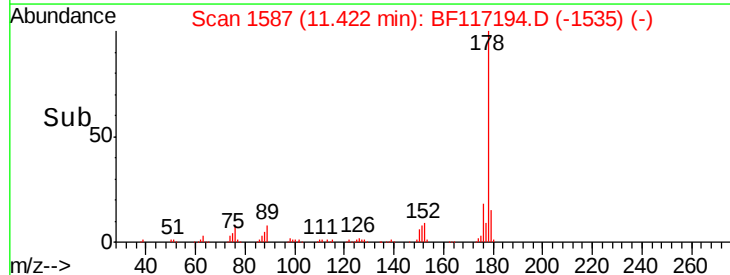
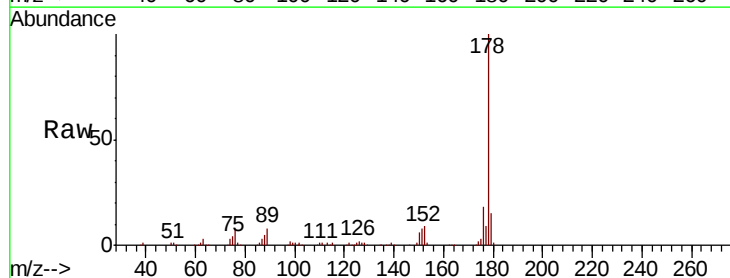
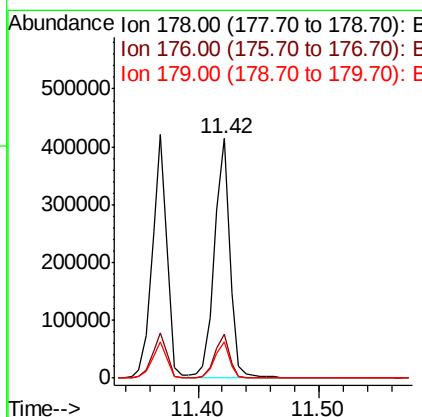
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#72
Anthracene
Concen: 42.236 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.3	14.6	21.8	
179	14.9	11.6	17.4	





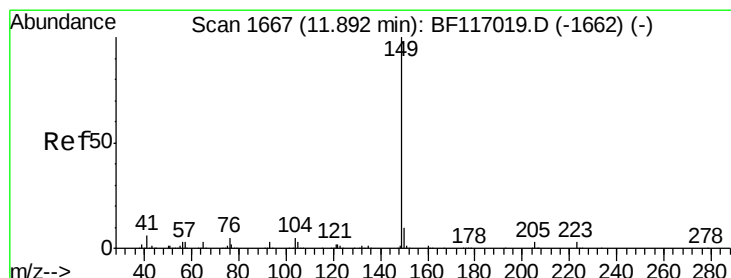
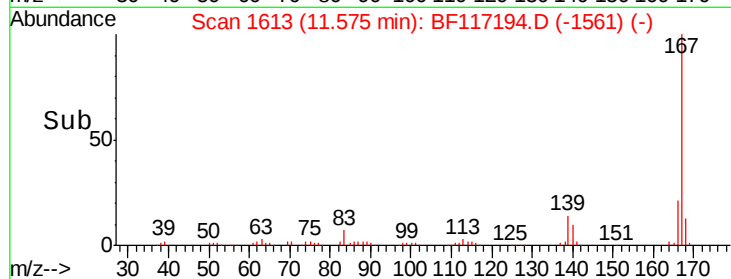
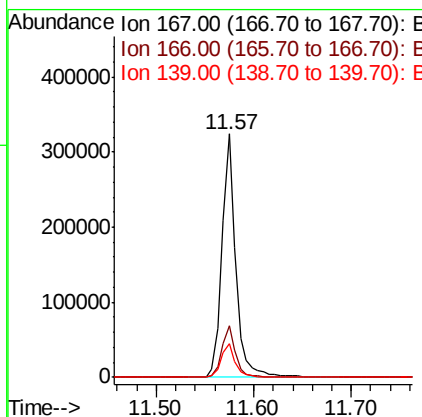
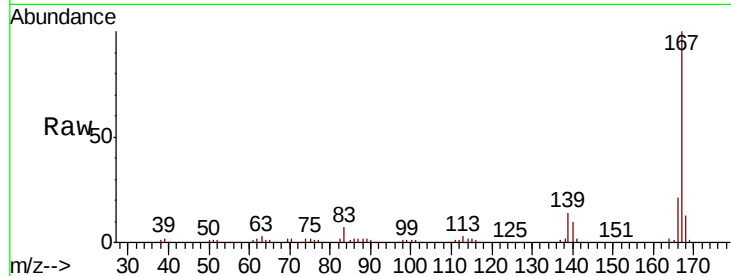
#73
 Carbazole
 Concen: 39.355 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB123274BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	14.0	10.6	16.0

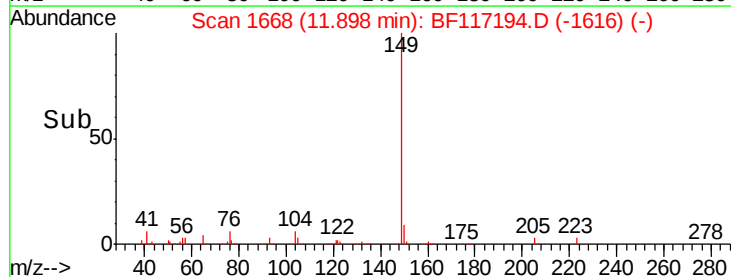
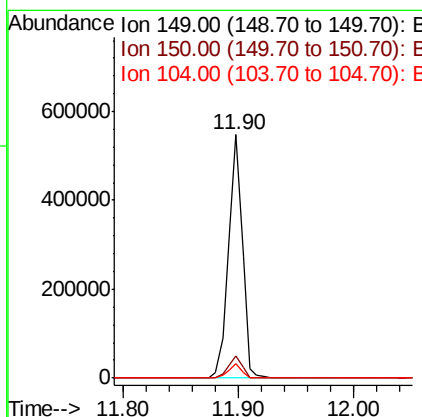
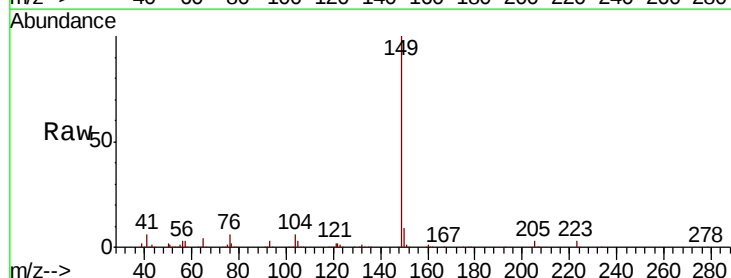
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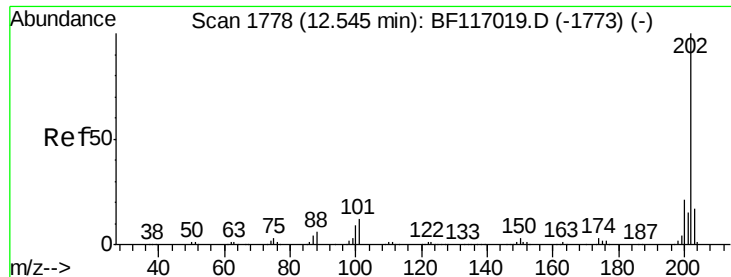
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#74
 Di-n-butylphthalate
 Concen: 47.102 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.7	4.2	6.4





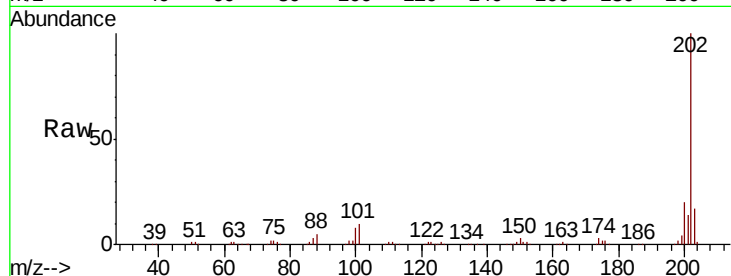
#75
 Fluoranthene
 Concen: 41.154 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampleID :
 PB123274BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	32.3
203	17.2	0.0	37.1

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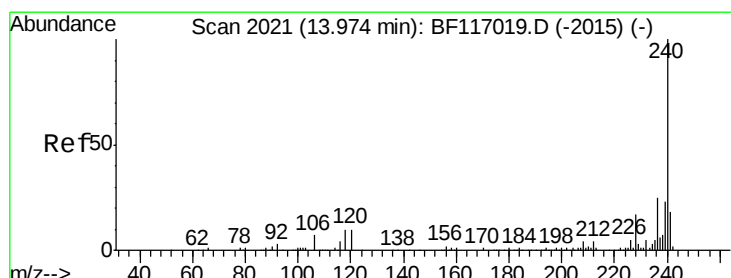
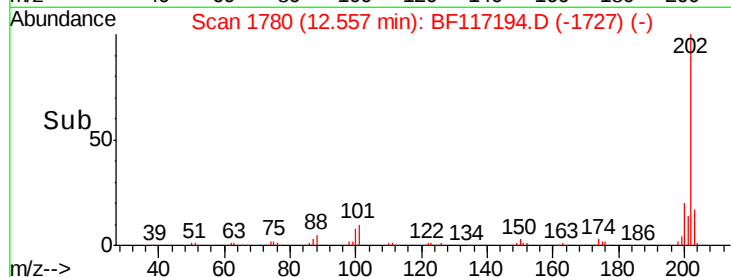
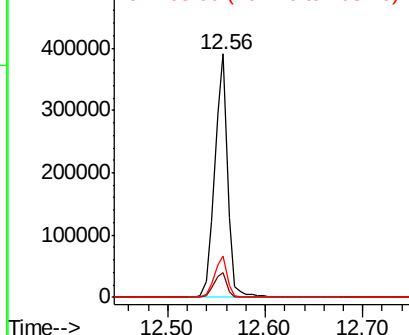


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

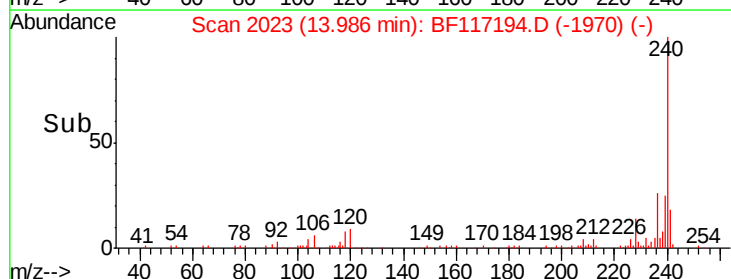
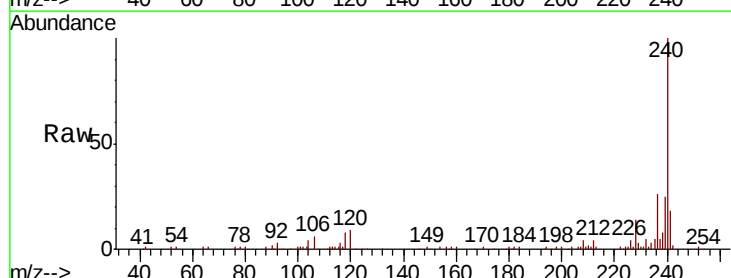
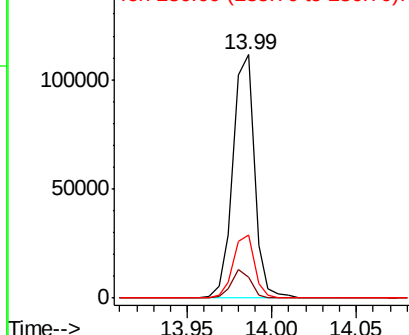
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.7	8.3	12.5
236	25.8	20.3	30.5

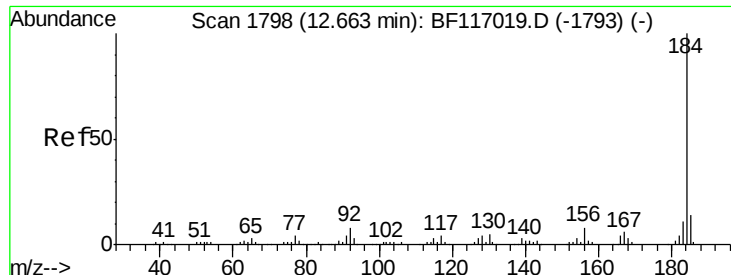
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





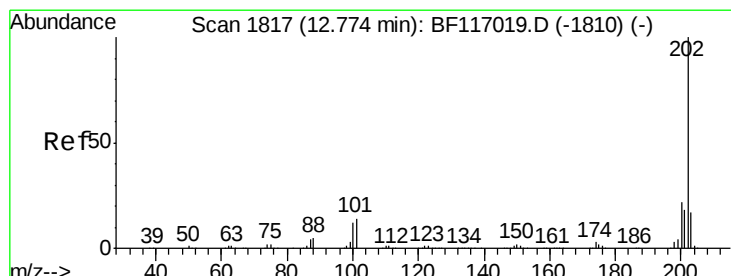
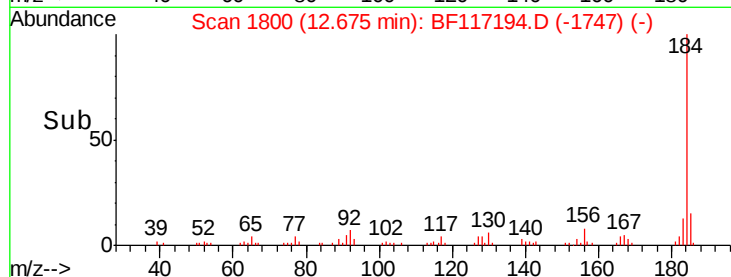
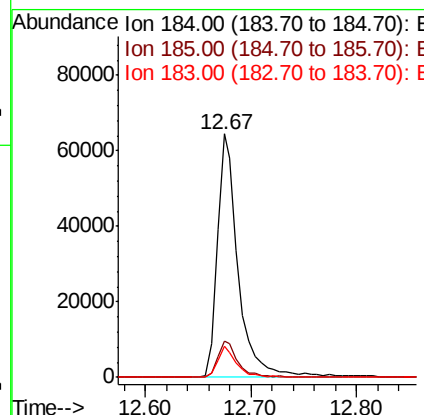
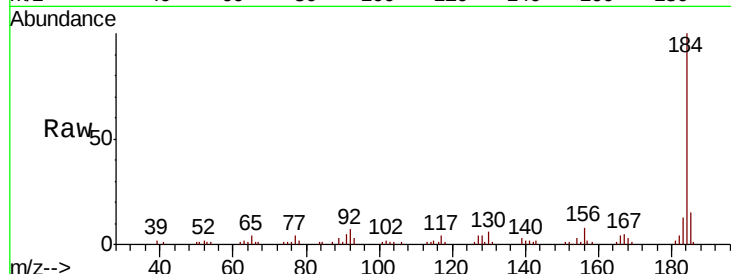
#77
Benzidine
Concen: 28.047 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.7		11.6	17.4
183	12.6		9.0	13.4

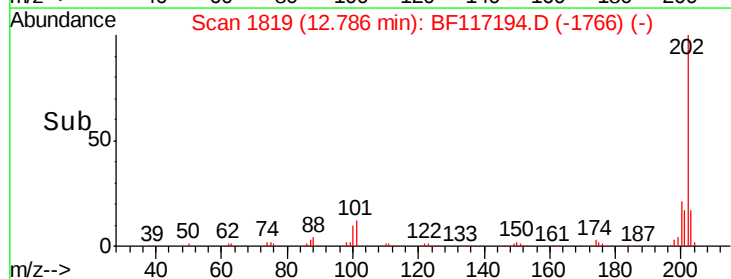
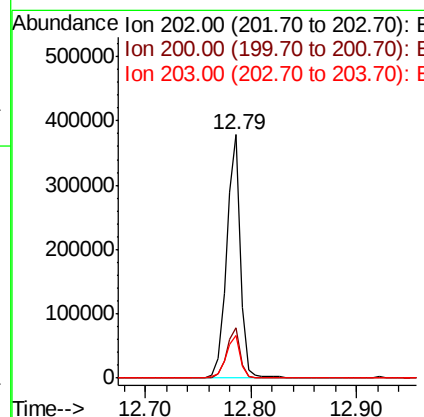
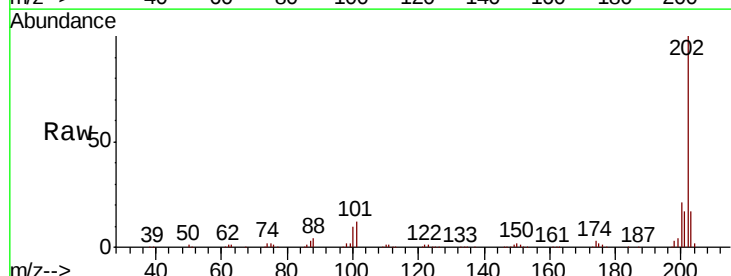
Manual Integrations
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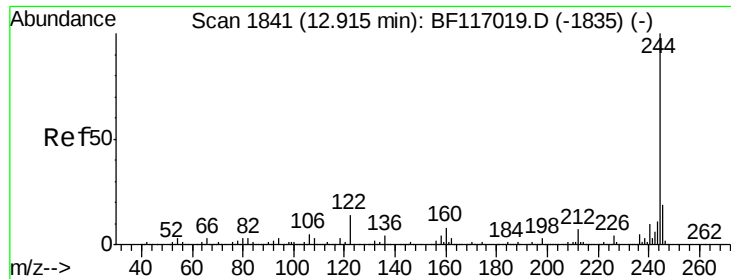
mohammad
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#78
Pyrene
Concen: 41.414 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.9		17.2	25.8
203	17.4		14.0	21.0





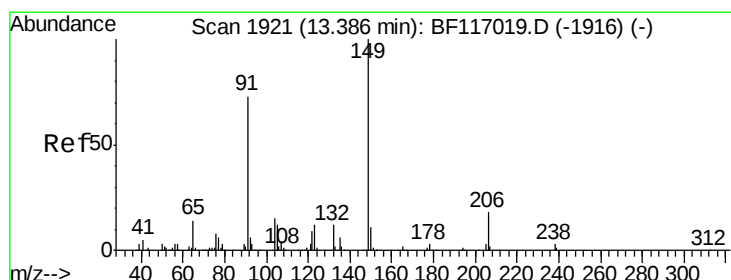
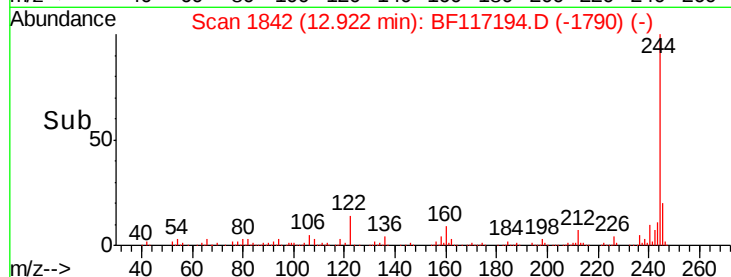
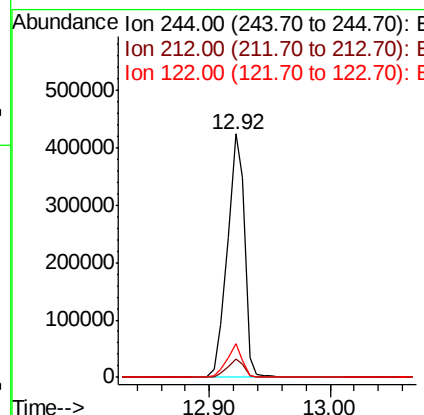
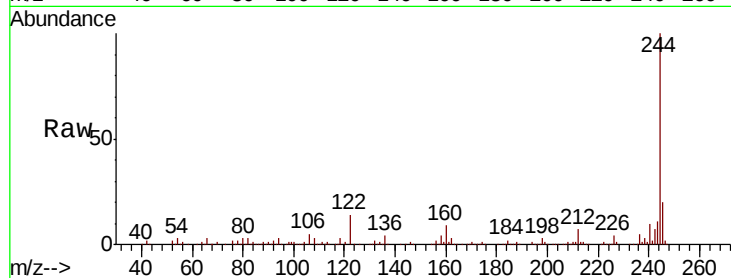
#79
 Terphenyl-d14
 Concen: 78.120 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB123274BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.4	5.8	8.8	
122	13.6	11.3	16.9	

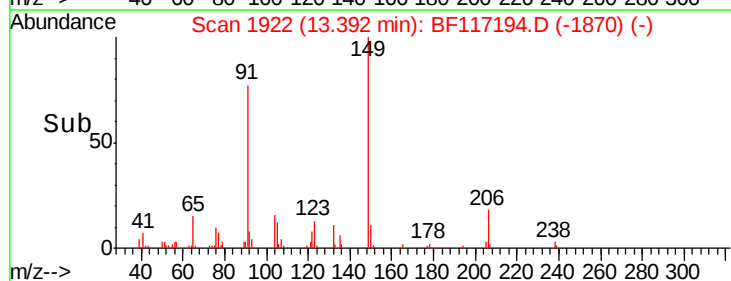
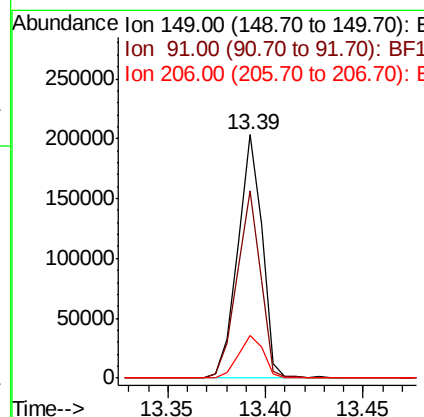
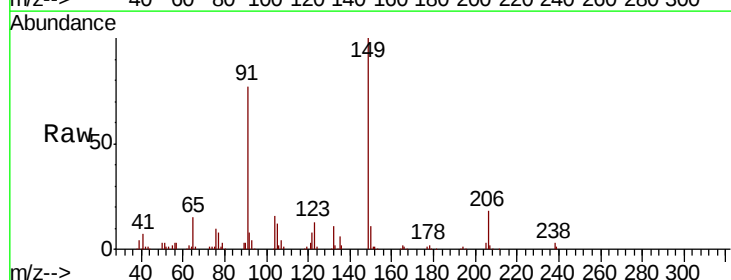
Manual Integrations
 APPROVED

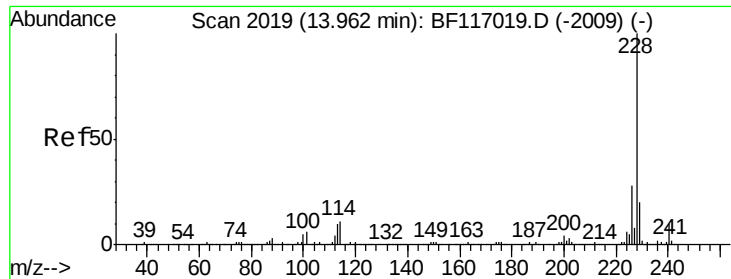
mohammad
 9/24/2019 9:12:41 AM



#80
 Butylbenzylphthalate
 Concen: 44.821 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	77.0	58.8	88.2	
206	17.8	14.1	21.1	





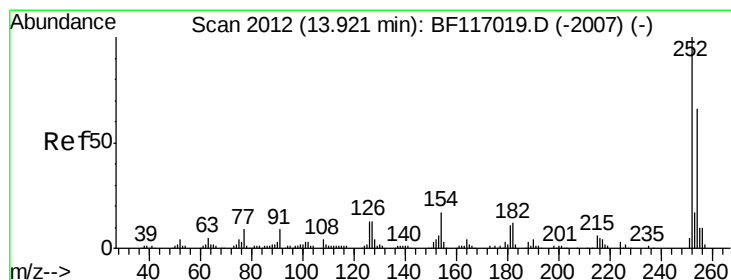
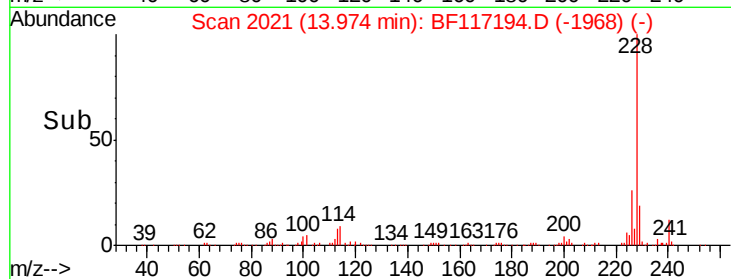
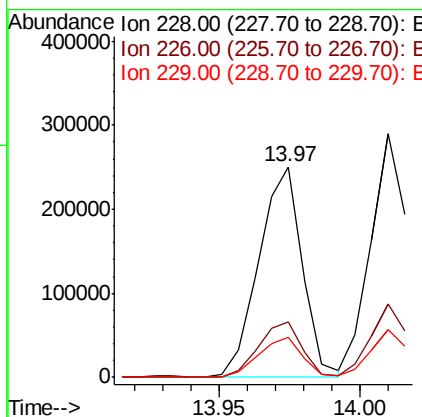
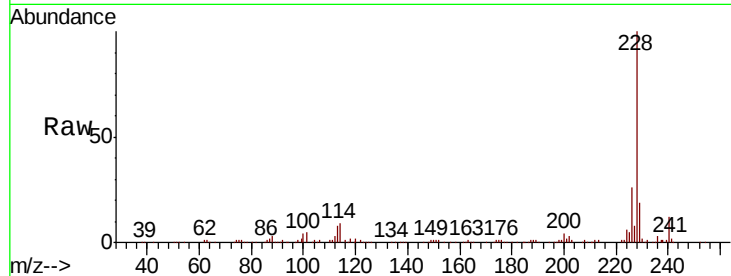
#81
Benzo(a)anthracene
Concen: 40.041 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.3	33.5
229	19.0	15.9	23.9

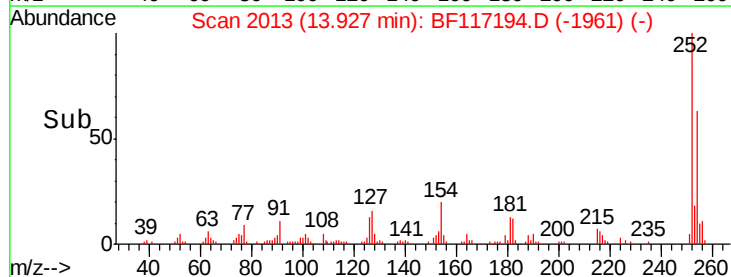
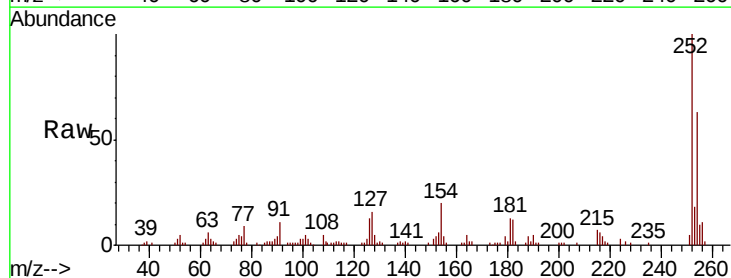
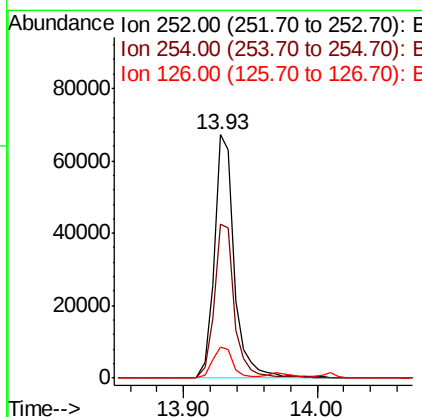
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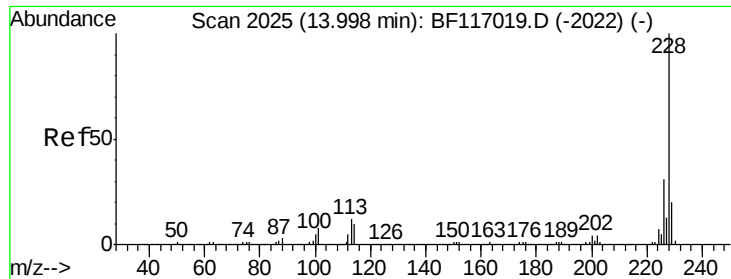
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.262 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.6	79.0
126	12.6	10.4	15.6





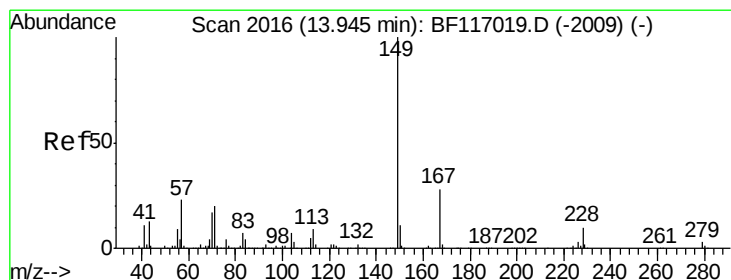
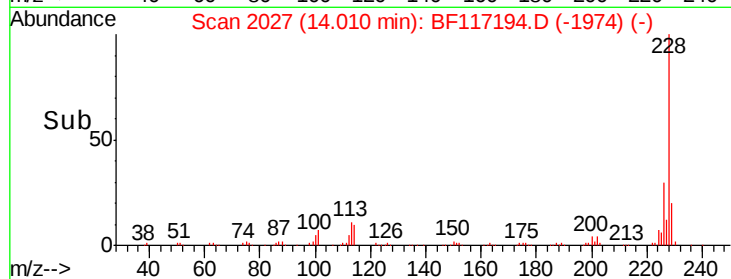
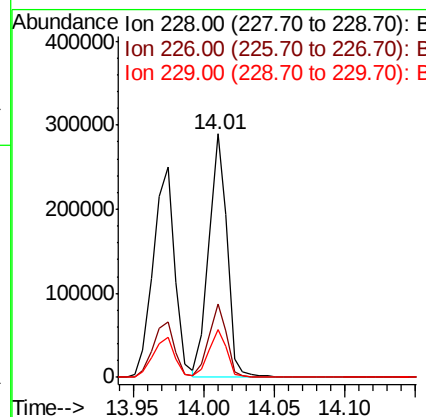
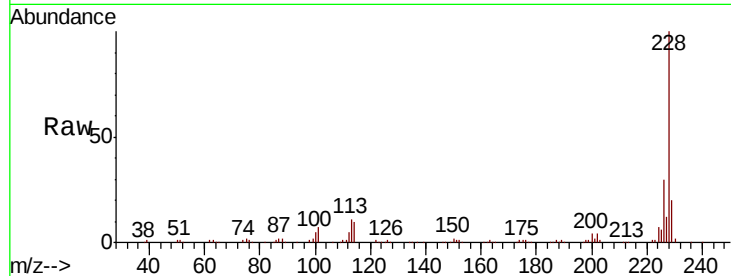
#83
 Chrysene
 Concen: 40.184 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB123274BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	260357		
226	30.1		24.8	37.2
229	19.6		15.8	23.8

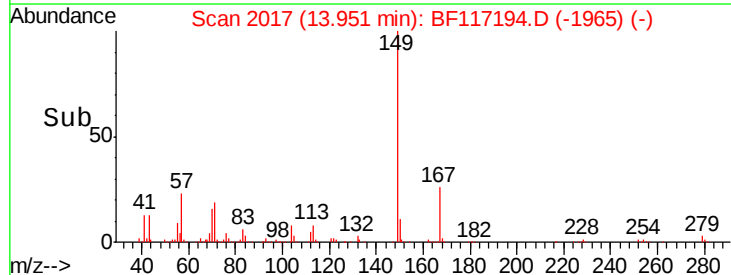
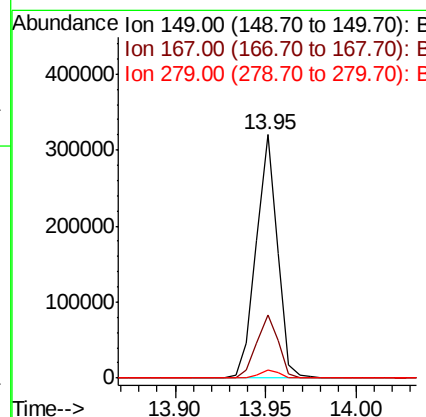
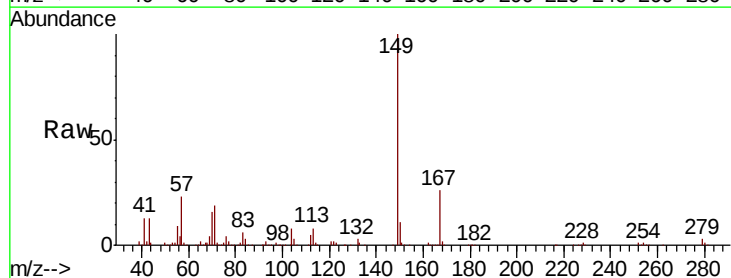
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.495 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	261739		
167	26.1		22.2	33.2
279	3.3		2.8	4.2





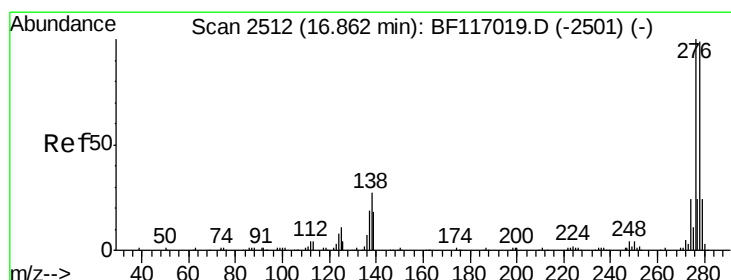
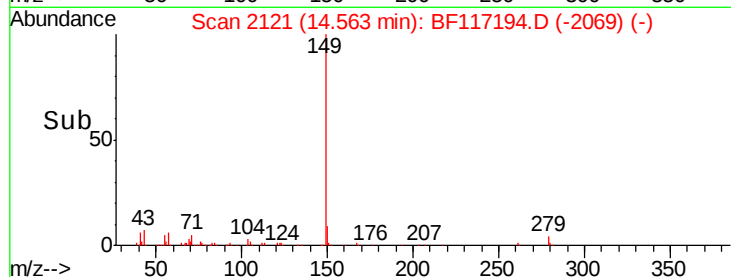
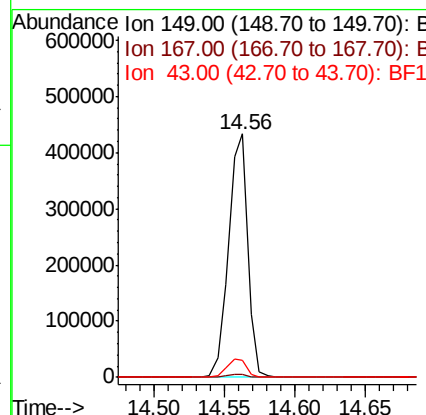
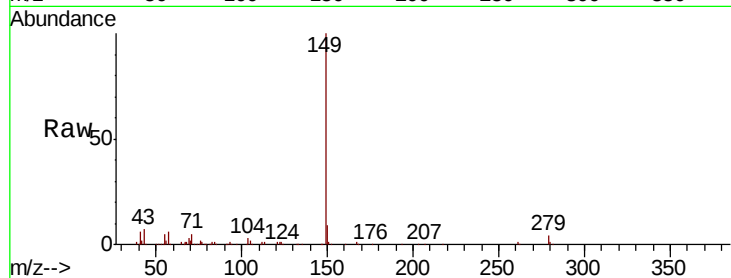
#85
Di-n-octyl phthalate
Concen: 51.079 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		408629		
167	1.4		1.2	1.8	
43	7.8		6.2	9.4	

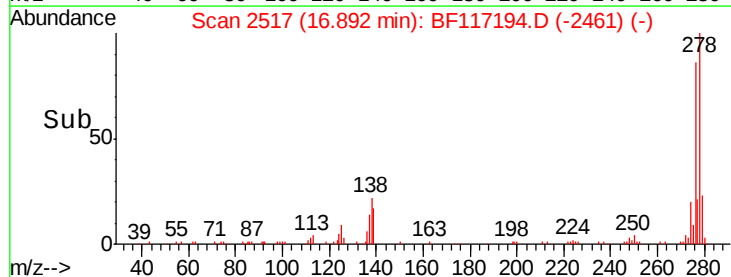
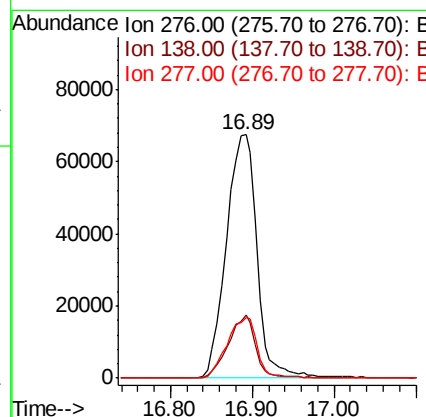
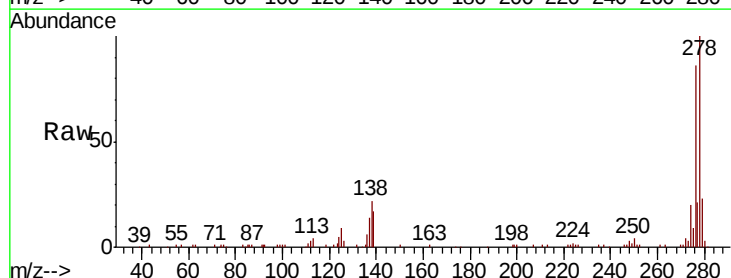
Manual Integrations
APPROVED

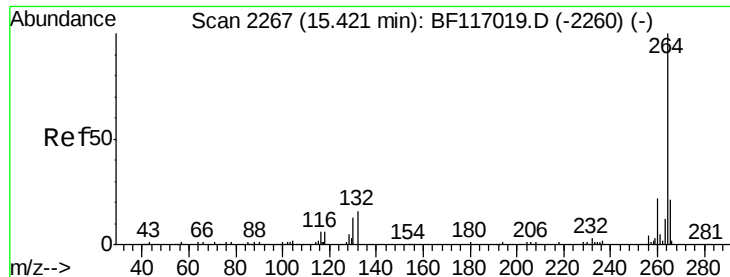
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.267 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		176157		
138	23.1		20.7	31.1	
277	24.3		19.8	29.8	





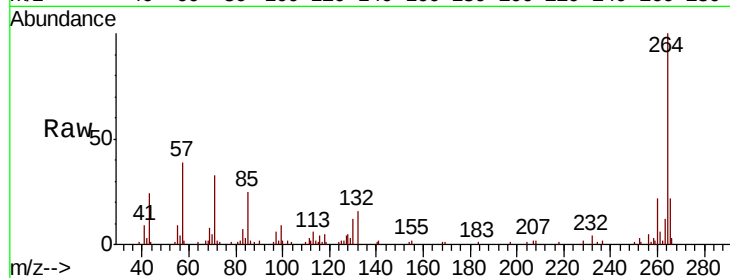
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.6	26.4
265	22.5	16.6	24.8

Manual Integrations
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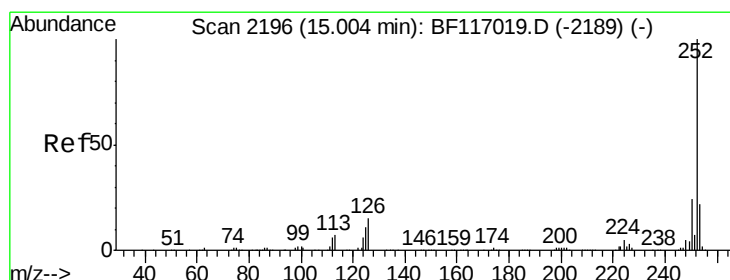
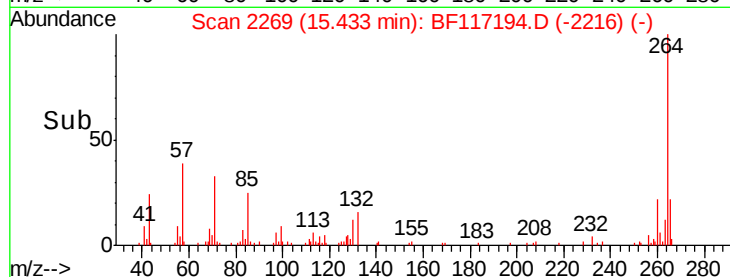
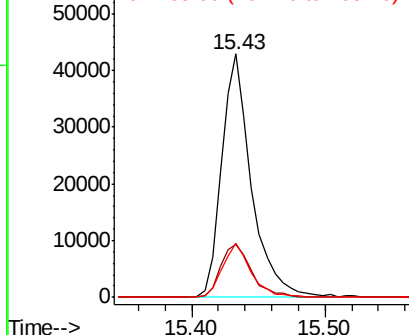


Abundance

Ion 264.00 (263.70 to 264.70): E

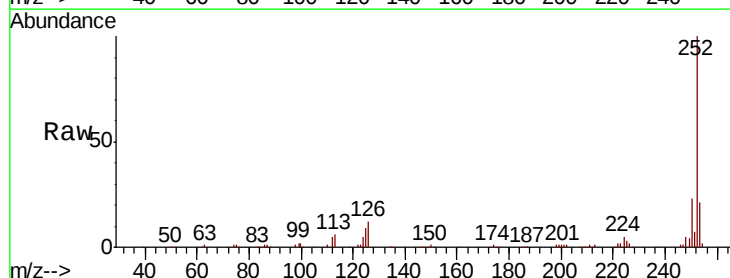
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 50.712 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	8.7	8.6	12.8

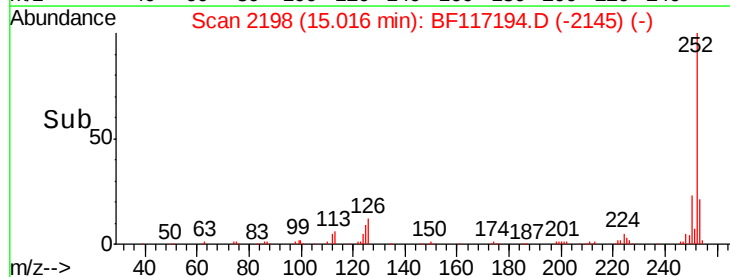
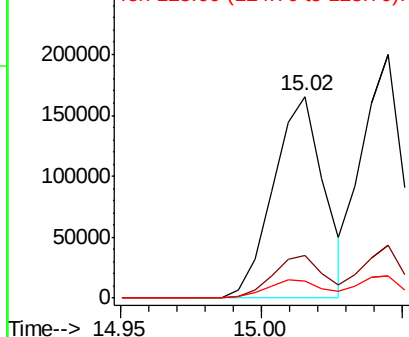


Abundance

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





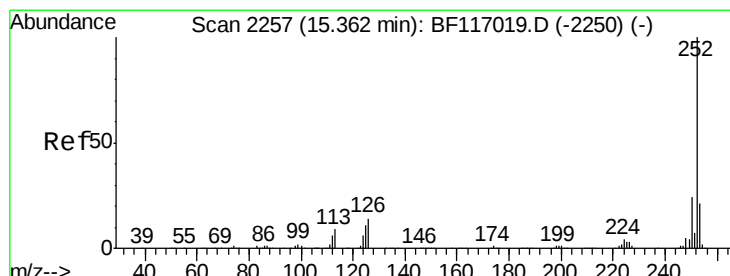
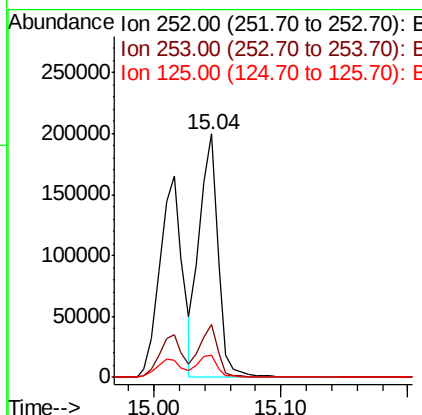
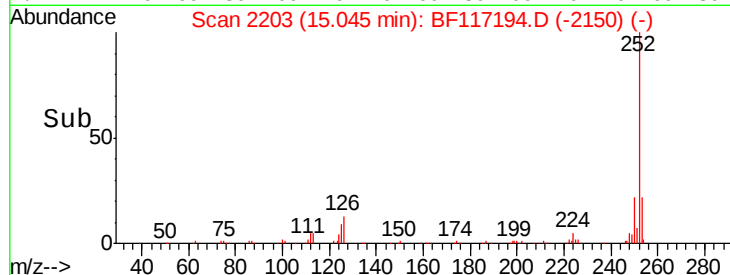
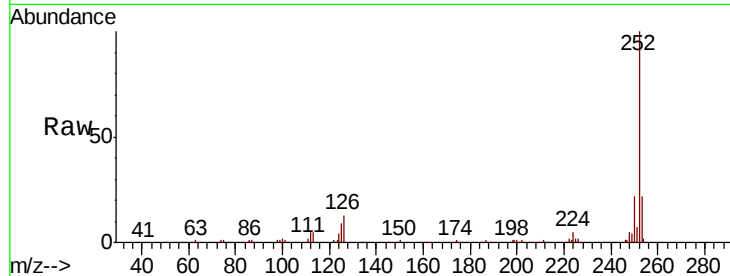
#89
Benzo(k)fluoranthene
Concen: 53.248 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.3	8.8	13.2

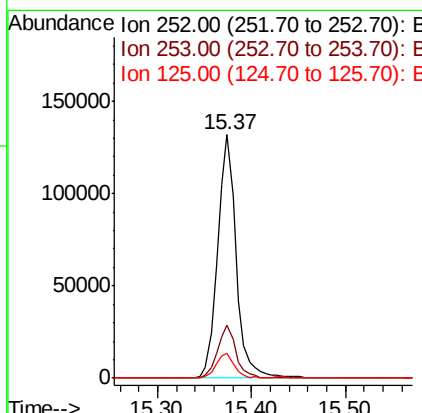
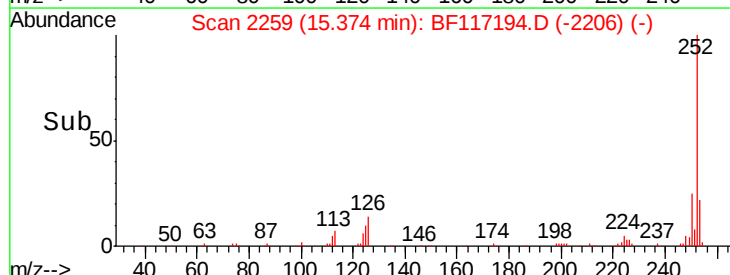
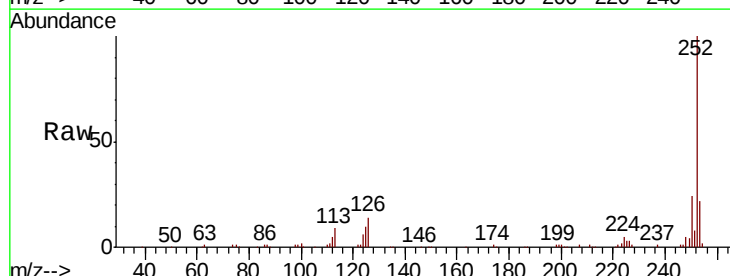
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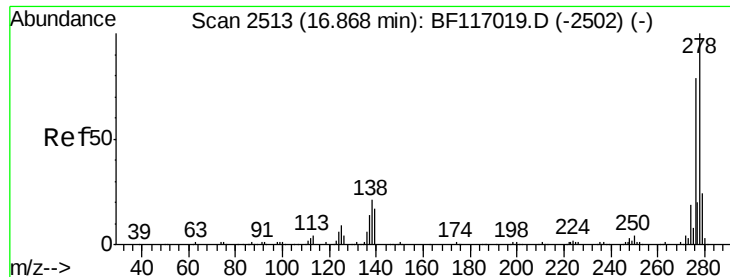
mohammad
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#90
Benzo(a)pyrene
Concen: 51.086 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.6	25.0
125	10.4	8.9	13.3





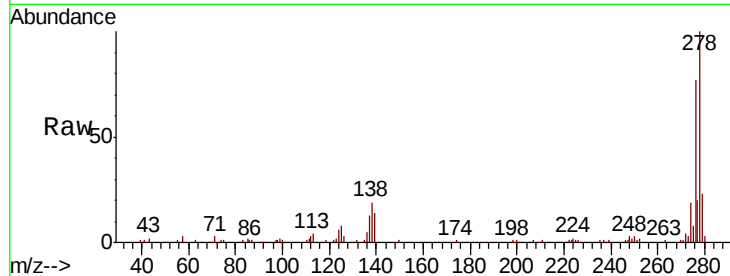
#91
Dibenzo(a,h)anthracene
Concen: 53.426 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.03 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	13.5	20.3
279	23.0	18.8	28.2

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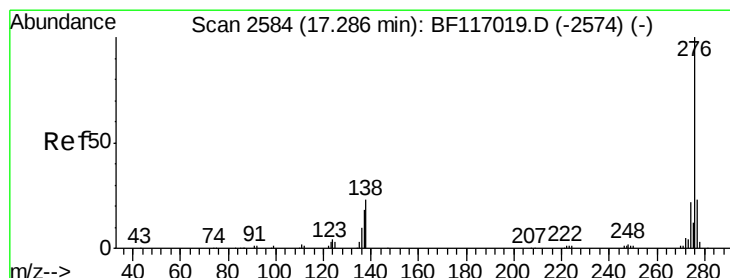
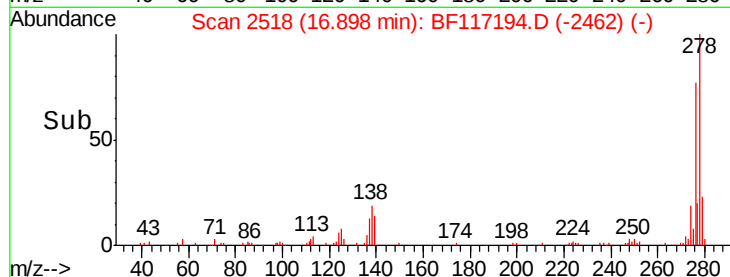
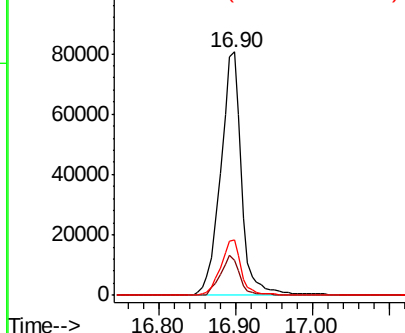


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.644 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.9	18.6	27.8
138	19.4	18.0	27.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

