

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117424.D
 Acq On : 17 Oct 2019 16:10
 Operator : JU
 Sample : PB124065BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124065BS

Manual Integrations
 APPROVED

mohammad
 10/20/2019 8:11:44 PM

Quant Time: Oct 18 04:48:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	41657	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	173999	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	90739	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	148232	20.00	ng	0.00
76) Chrysene-d12	13.96	240	105226	20.00	ng	0.00
87) Perylene-d12	15.42	264	91375	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	328416	121.30	ng	0.01
7) Phenol-d6	6.44	99	423561	117.91	ng	0.00
23) Nitrobenzene-d5	7.36	82	220167	64.14	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	87813	118.91	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	395451	63.54	ng	0.00
79) Terphenyl-d14	12.90	244	401775	62.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	49066	44.023	ng	97
3) Pyridine	3.36	79	108647	38.304	ng	98
4) n-Nitrosodimethylamine	3.29	42	44596	44.616	ng	84
6) Aniline	6.46	93	146497	32.646	ng	93
8) 2-Chlorophenol	6.58	128	130412	43.326	ng	93
9) Benzaldehyde	6.35	77	85169	52.033	ng	94
10) Phenol	6.45	94	163822	42.243	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	119238	40.441	ng	99
12) 1,3-Dichlorobenzene	6.73	146	138307	41.088	ng	97
13) 1,4-Dichlorobenzene	6.81	146	142229	41.450	ng	98
14) 1,2-Dichlorobenzene	6.96	146	133802	41.284	ng	98
15) Benzyl Alcohol	6.95	79	115914	42.177	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	123171	39.784	ng	73
17) 2-Methylphenol	7.06	107	105241	41.881	ng	96
18) Hexachloroethane	7.30	117	53819	40.341	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	97786	42.694	ng	95
20) 3+4-Methylphenols	7.21	107	141375	43.694	ng	# 79
22) Acetophenone	7.20	105	193507	42.381	ng	97
24) Nitrobenzene	7.37	77	142763	41.519	ng	99
25) Isophorone	7.62	82	258282	42.240	ng	98
26) 2-Nitrophenol	7.69	139	67127	44.001	ng	94
27) 2,4-Dimethylphenol	7.73	122	112721	48.616	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	154333	40.714	ng	96
29) 2,4-Dichlorophenol	7.95	162	103822	43.397	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	105953	41.082	ng	99
31) Naphthalene	8.09	128	377507	43.444	ng	99
32) Benzoic acid	7.89	122	53184	35.974	ng	97
33) 4-Chloroaniline	8.15	127	89371	24.218	ng	99
34) Hexachlorobutadiene	8.21	225	59773	40.466	ng	98
35) Caprolactam	8.52	113	34105m	45.522	ng	
36) 4-Chloro-3-methylphenol	8.65	107	119708	43.974	ng	93
37) 2-Methylnaphthalene	8.79	142	260813	44.449	ng	98
38) 1-Methylnaphthalene	8.89	142	243573	44.058	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	99595	40.783	ng	98

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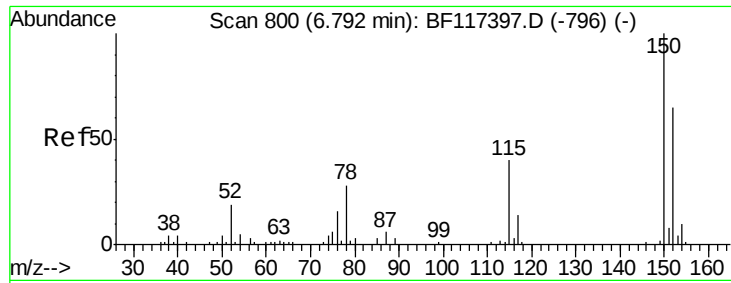
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	49081	107.628	nq	90
43) 2,4,6-Trichlorophenol	9.07	196	62612	40.513	nq	94
44) 2,4,5-Trichlorophenol	9.12	196	64980	41.220	nq	# 91
46) 1,1'-Biphenyl	9.25	154	303041	40.881	nq	97
47) 2-Chloronaphthalene	9.27	162	230775	39.936	nq	97
48) 2-Nitroaniline	9.38	65	75118	40.742	nq	96
49) Acenaphthylene	9.69	152	364680	43.049	nq	99
50) Dimethylphthalate	9.55	163	266962	40.966	nq	99
51) 2,6-Dinitrotoluene	9.62	165	59721	43.600	nq	90
52) Acenaphthene	9.86	154	211465	41.081	nq	98
53) 3-Nitroaniline	9.79	138	42691	25.523	nq	95
54) 2,4-Dinitrophenol	9.92	184	42361	72.668	nq	96
55) Dibenzofuran	10.03	168	320049	42.622	nq	100
56) 4-Nitrophenol	9.97	139	51883	69.505	nq	84
57) 2,4-Dinitrotoluene	10.03	165	78426	43.393	nq	98
58) Fluorene	10.37	166	262182	41.934	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	50791	41.677	nq	97
60) Diethylphthalate	10.25	149	271323	41.305	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	114591	41.397	nq	89
62) 4-Nitroaniline	10.41	138	60863	38.279	nq	94
63) Azobenzene	10.53	77	286903	42.567	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	33031	42.410	nq	97
66) n-Nitrosodiphenylamine	10.49	169	228852	41.328	nq	97
67) 4-Bromophenyl-phenylether	10.85	248	63300	38.933	nq	93
68) Hexachlorobenzene	10.93	284	67234	38.506	nq	# 90
69) Atrazine	11.02	200	69343	77.226	nq	99
70) Pentachlorophenol	11.13	266	45728	87.540	nq	# 87
71) Phenanthrene	11.34	178	362580	41.378	nq	99
72) Anthracene	11.39	178	384231	42.476	nq	100
73) Carbazole	11.55	167	356397	43.374	nq	99
74) Di-n-butylphthalate	11.87	149	442135	39.737	nq	99
75) Fluoranthene	12.53	202	377695	43.348	nq	98
77) Benzidine	12.65	184	193321	74.284	nq	98
78) Pyrene	12.76	202	379454	40.796	nq	99
80) Butylbenzylphthalate	13.36	149	185319	39.622	nq	95
81) Benzo(a)anthracene	13.95	228	309484	42.865	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	67765	29.686	nq	98
83) Chrysene	13.99	228	306706	43.076	nq	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	256948	38.963	nq	# 97
85) Di-n-octyl phthalate	14.53	149	421016	41.934	nq	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	196465	39.462	nq	97
88) Benzo(b)fluoranthene	14.99	252	228518	40.172	nq	98
89) Benzo(k)fluoranthene	15.02	252	255799	45.248	nq	99
90) Benzo(a)pyrene	15.36	252	206780	41.050	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	166620	38.602	nq	96
92) Benzo(g,h,i)perylene	17.30	276	157290	38.282	nq	97

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



#1

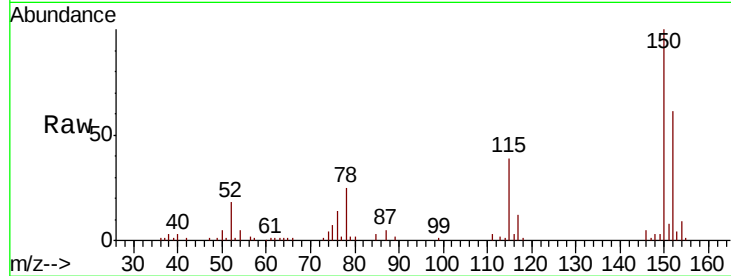
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.2	122.7	184.1
115	64.3	48.6	73.0

Manual Integrations
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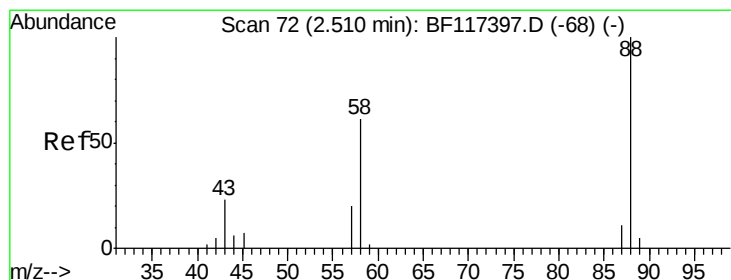
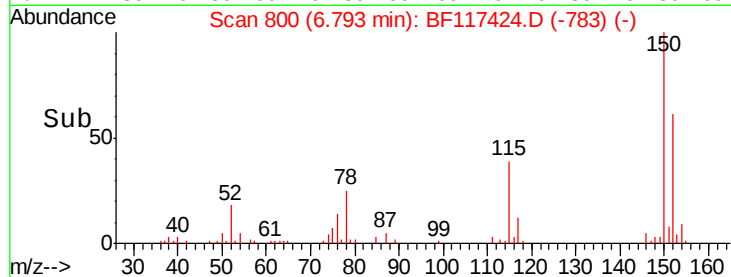
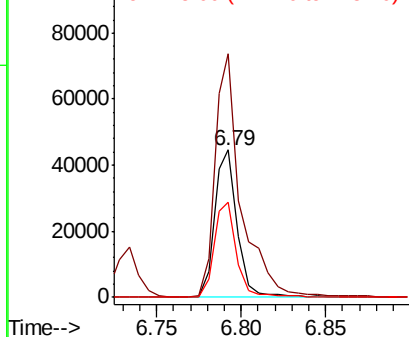


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

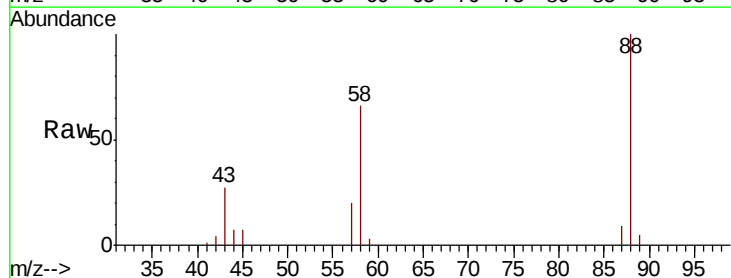
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.023 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.09 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.3	49.4	74.2
43	26.2	18.1	27.1

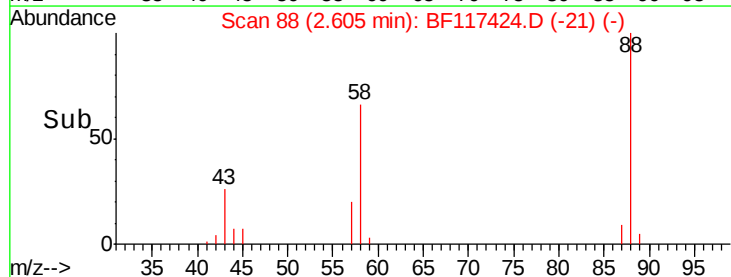
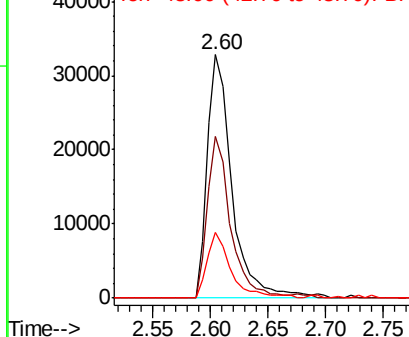


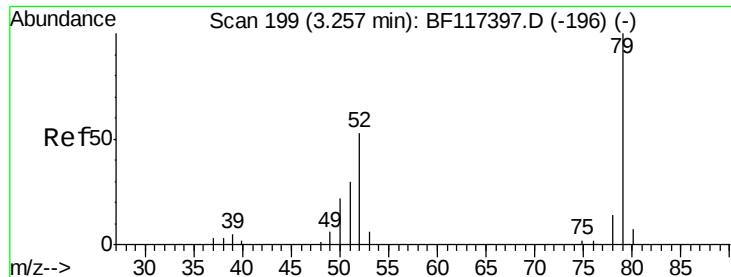
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





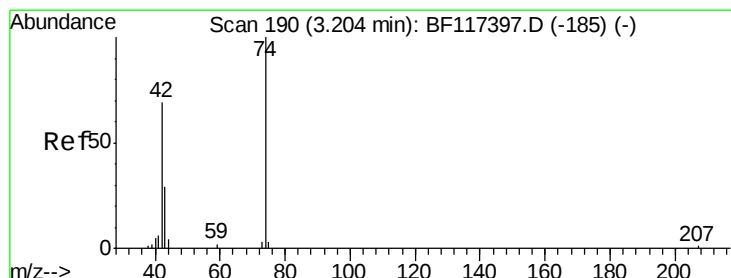
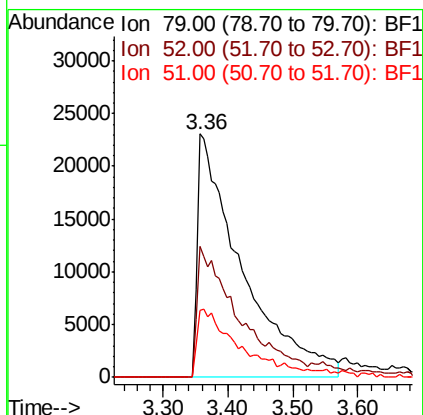
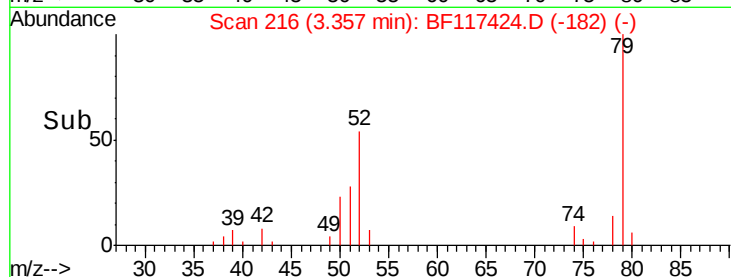
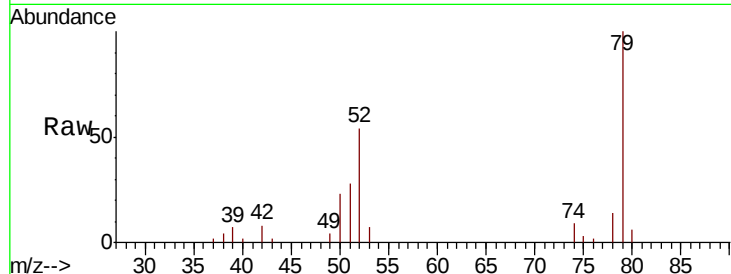
#3
 Pvridine
 Concen: 38.304 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.10 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB124065BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.8	42.7	64.1
51	27.8	23.8	35.8

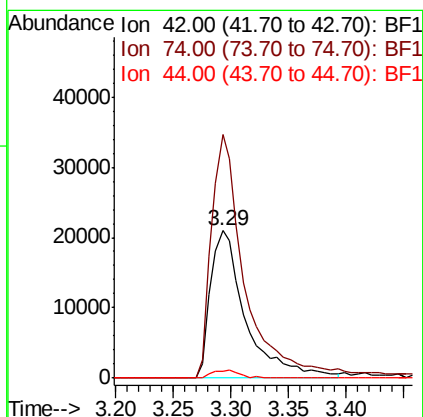
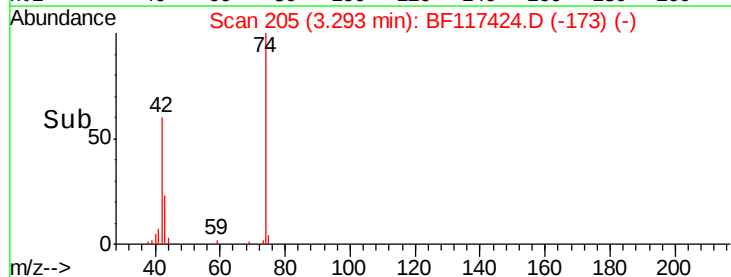
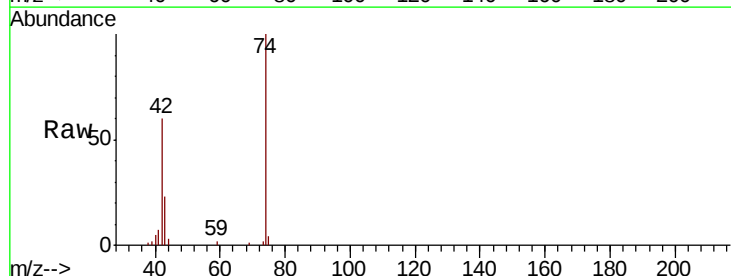
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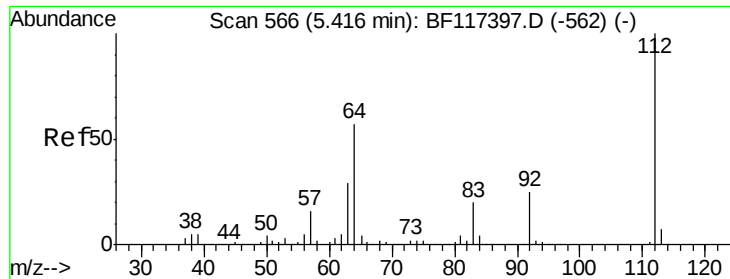
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#4
 n-Nitrosodimethylamine
 Concen: 44.616 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.09 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	165.4	116.2	174.4
44	4.5	4.2	6.4





#5

2-Fluorophenol

Concen: 121.303 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF117424.D

Acq: 17 Oct 2019 16:10

Instrument :

BNA_F

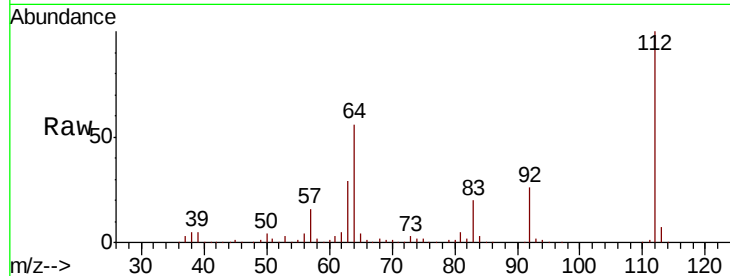
ClientSampleId :

PB124065BS

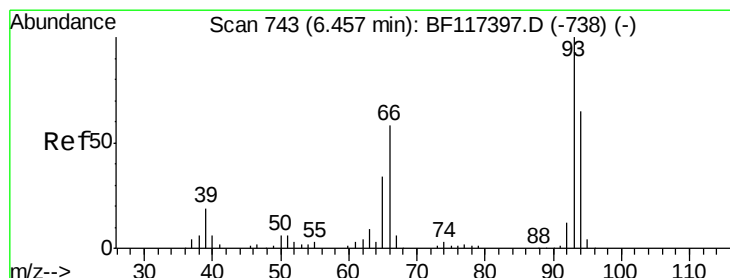
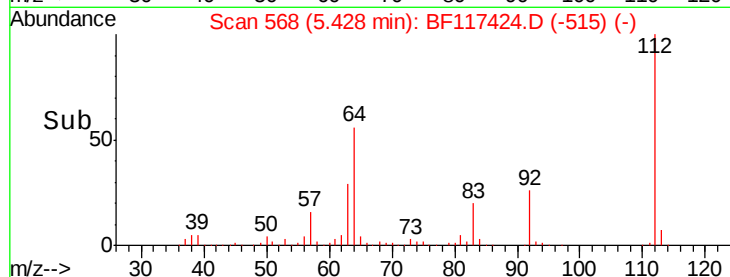
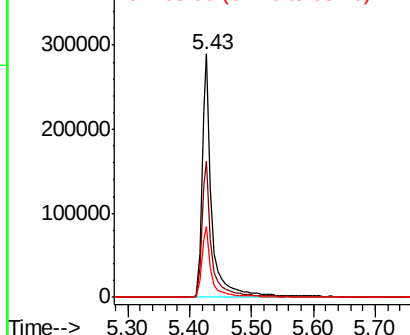
Tot Ion:	112	Resp:	328416
Ion Ratio	Lower	Upper	
112	100		
64	55.7	45.2	67.8
63	29.0	23.4	35.2

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



#6

Aniline

Concen: 32.646 ng

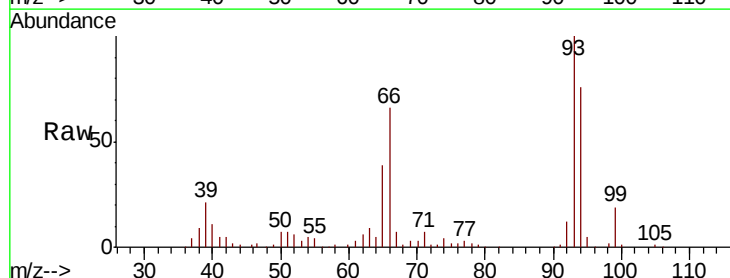
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

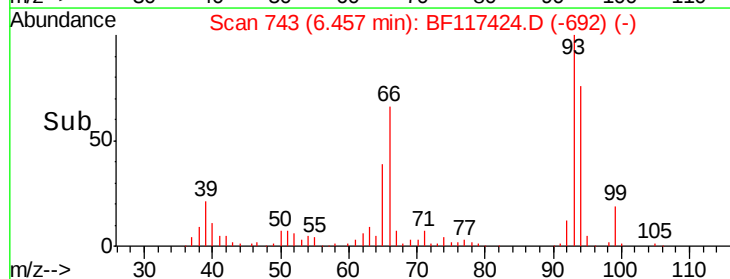
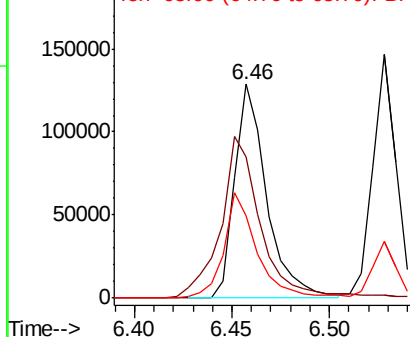
Lab File: BF117424.D

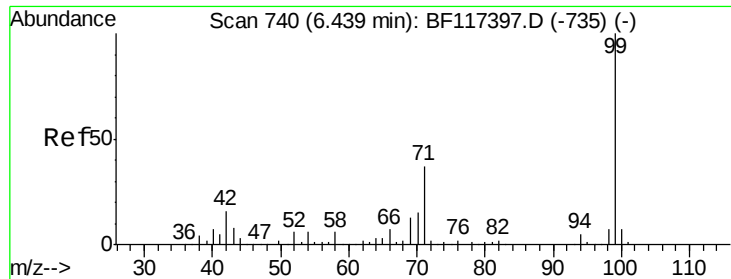
Acq: 17 Oct 2019 16:10

Tgt Ion:	93	Resp:	146497
Ion Ratio	Lower	Upper	
93	100		
66	65.9	48.4	72.6
65	38.5	27.8	41.6



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





#7

Phenol-d6

Concen: 117.911 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117424.D

Acq: 17 Oct 2019 16:10

Instrument :

BNA_F

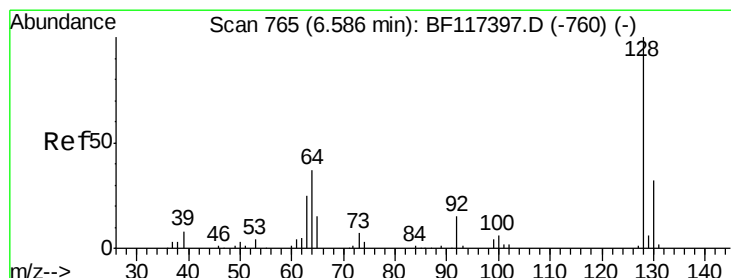
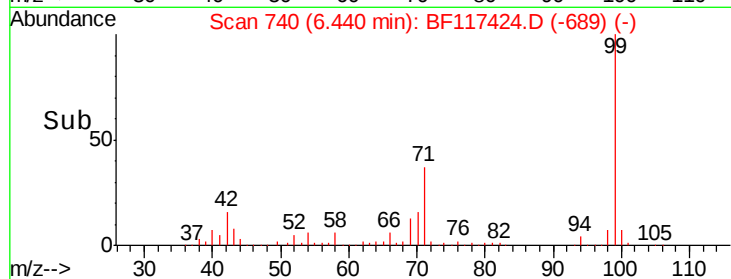
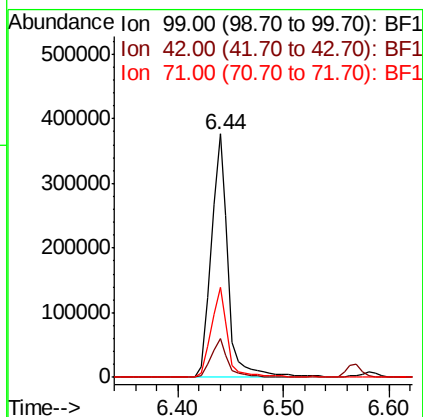
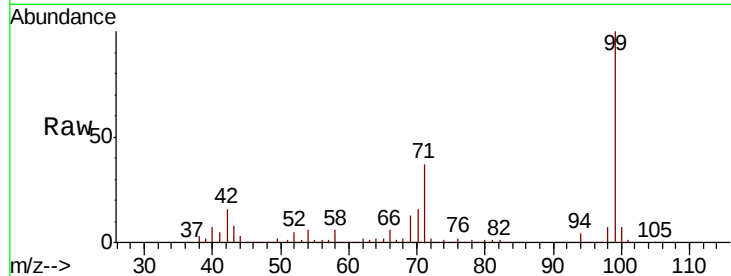
ClientSampleId :

PB124065BS

Tot Ion:	99	Resp:	423561
Ion Ratio	Lower	Upper	
99	100		
42	16.0	12.5	18.7
71	37.1	29.2	43.8

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#8

2-Chlorophenol

Concen: 43.326 ng

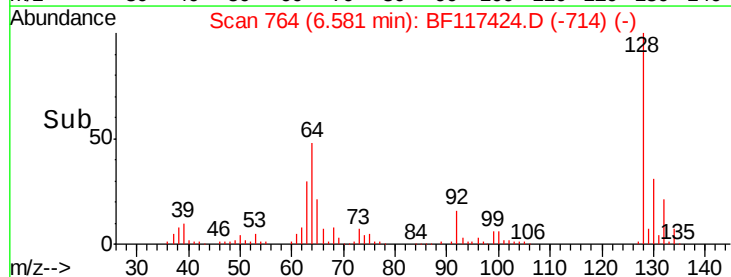
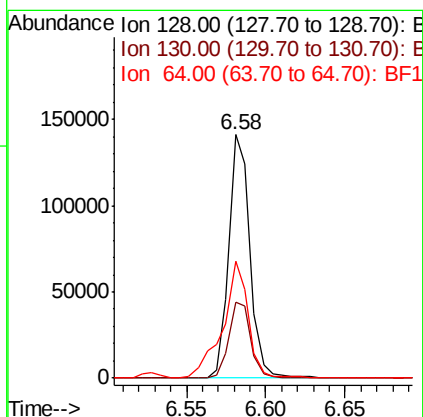
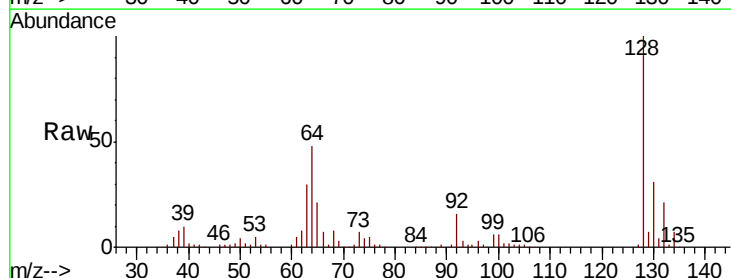
RT: 6.58 min Scan# 764

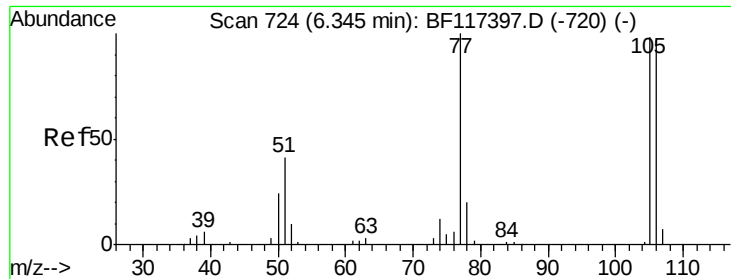
Delta R.T. -0.01 min

Lab File: BF117424.D

Acq: 17 Oct 2019 16:10

Tgt Ion:	128	Resp:	130412
Ion Ratio	Lower	Upper	
128	100		
130	31.3	11.7	51.7
64	47.9	20.4	60.4





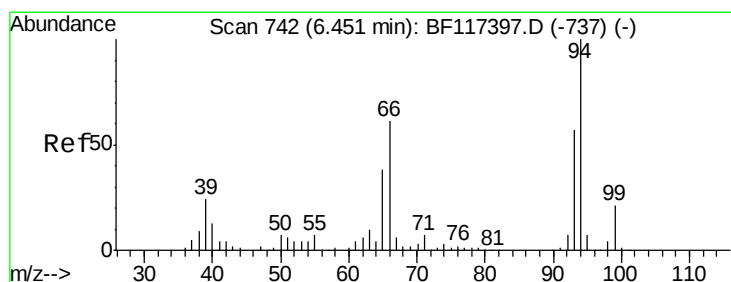
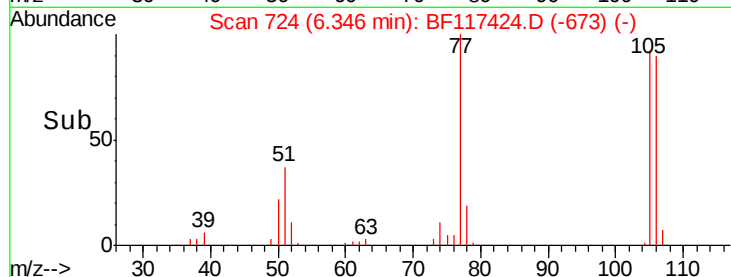
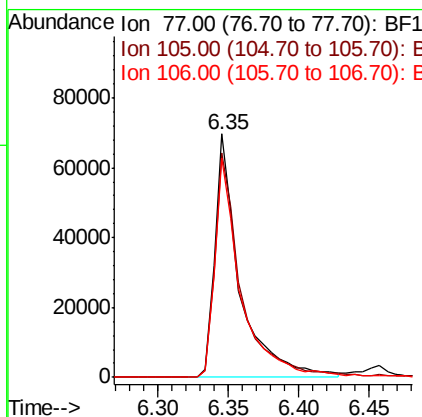
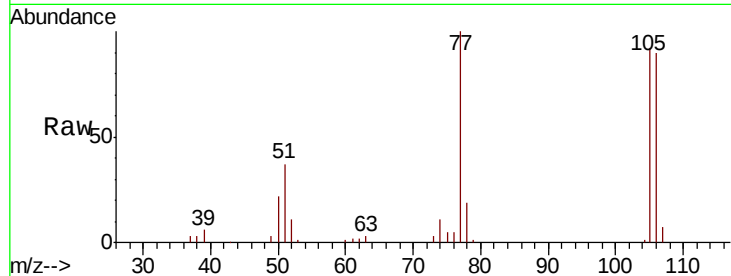
#9
Benzaldehyde
Concen: 52.033 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.3	77.9	117.9
106	90.1	77.2	117.2

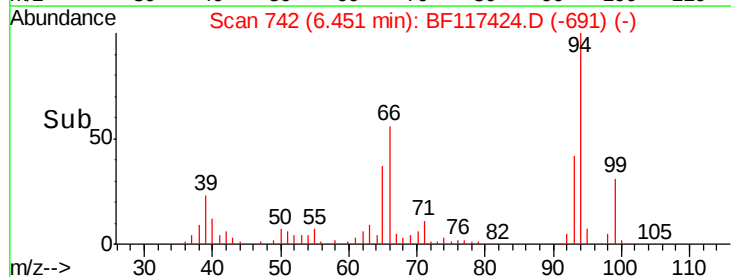
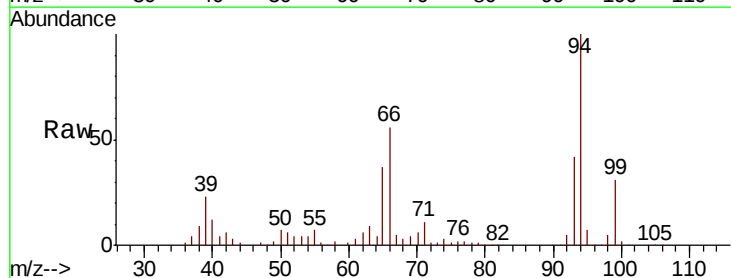
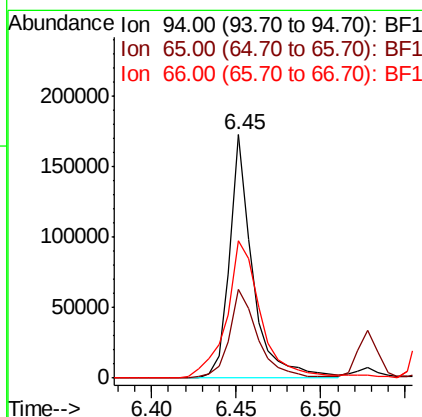
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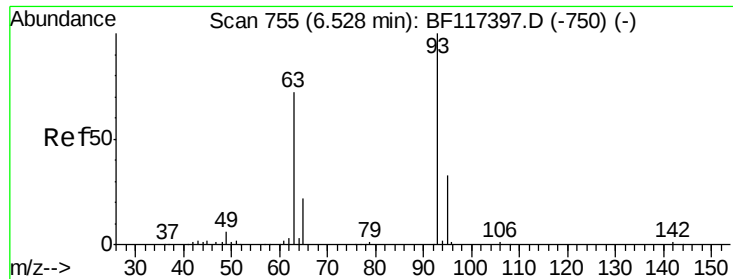
mohammad
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#10
Phenol
Concen: 42.243 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.5	18.2	58.2
66	56.4	41.1	81.1





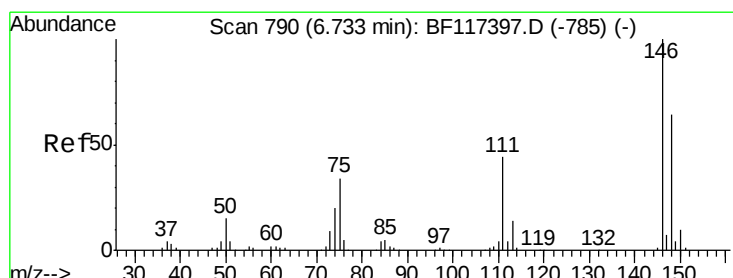
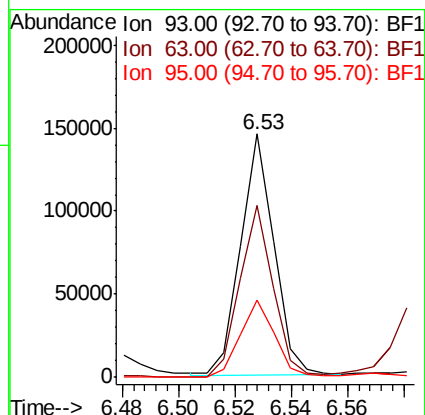
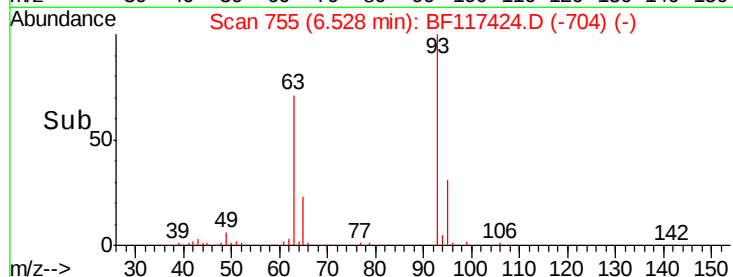
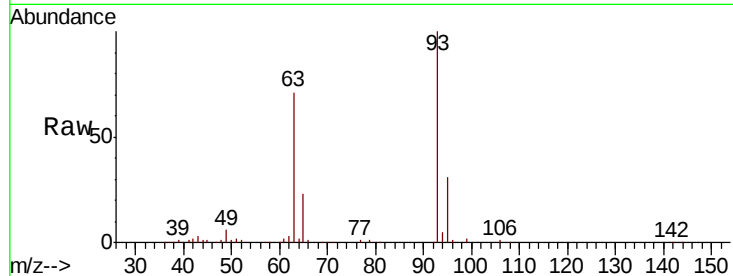
#11
bis(2-Chloroethyl)ether
Concen: 40.441 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion:	93	Resp:	119238
Ion Ratio	Lower	Upper	
93	100		
63	70.7	50.9	90.9
95	31.5	12.4	52.4

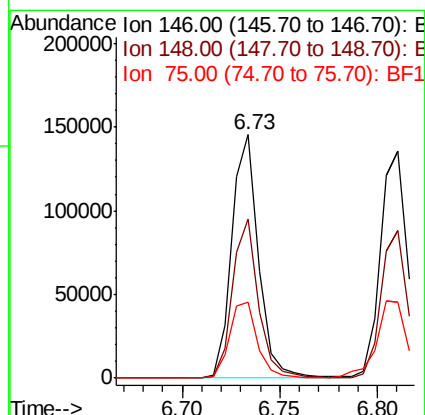
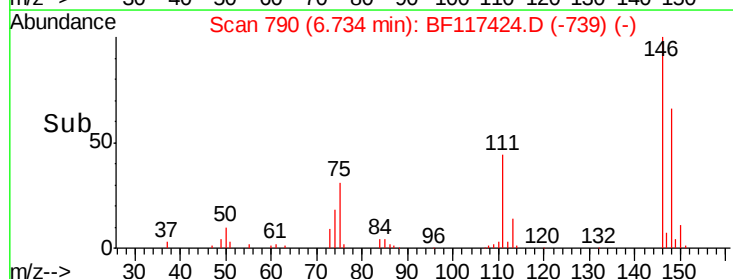
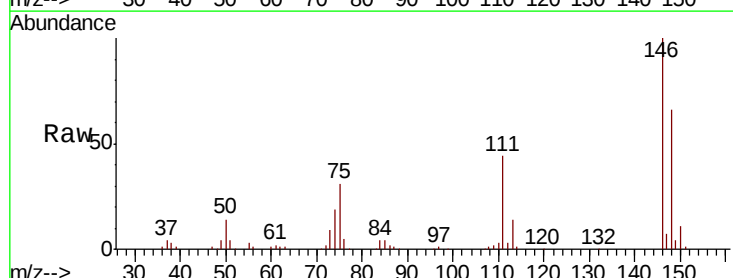
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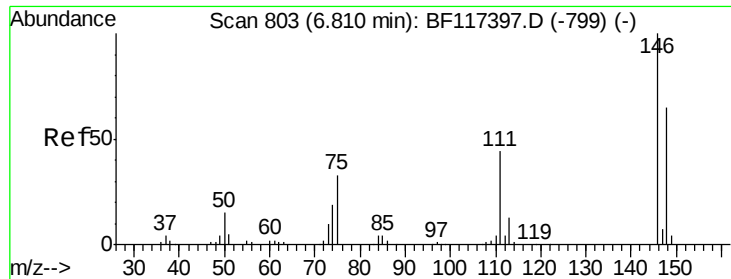
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.088 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion:	146	Resp:	138307
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.0	76.6
75	31.4	27.4	41.2





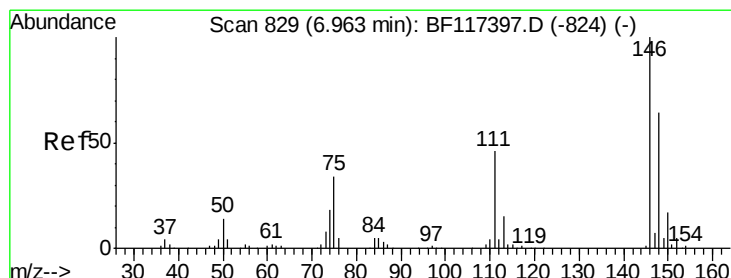
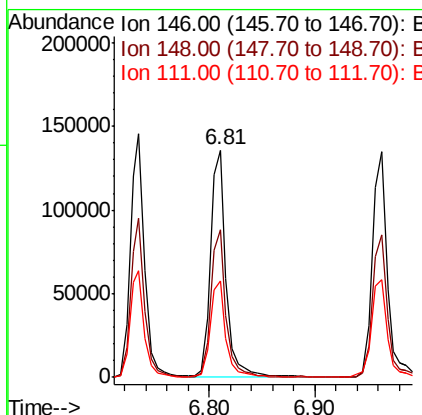
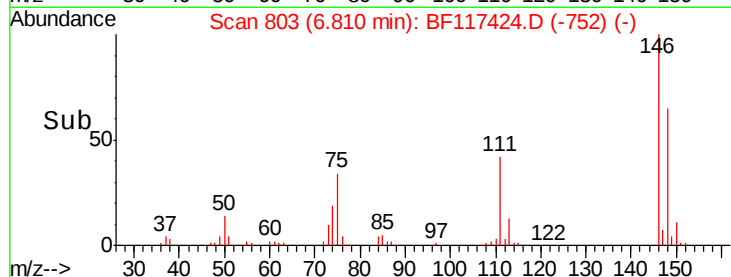
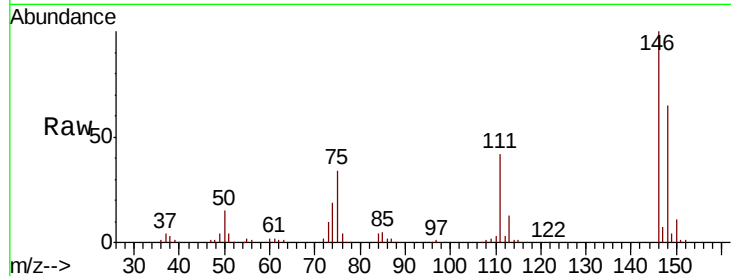
#13
 1,4-Dichlorobenzene
 Concen: 41.450 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB124065BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	42.4	35.7	53.5

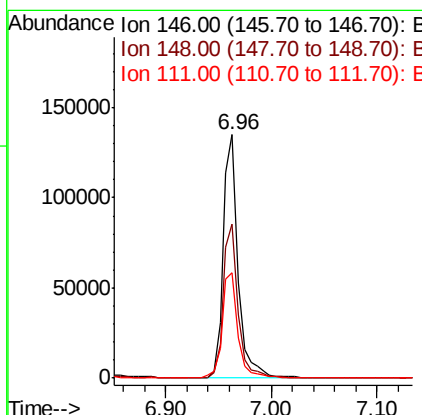
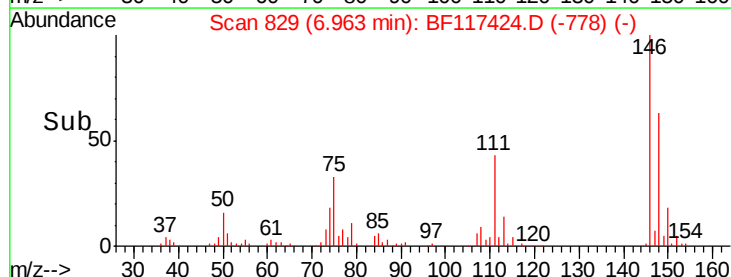
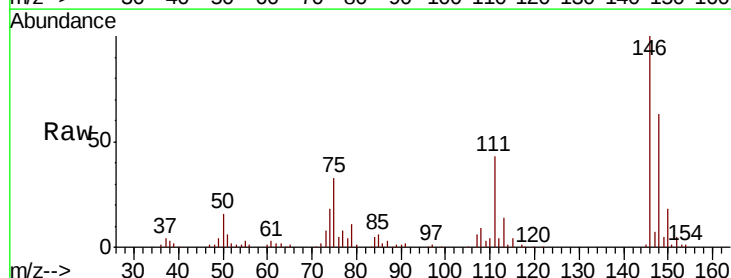
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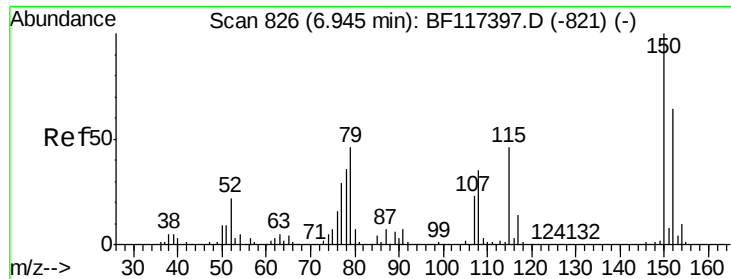
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#14
 1,2-Dichlorobenzene
 Concen: 41.284 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.6
111	43.0	36.5	54.7





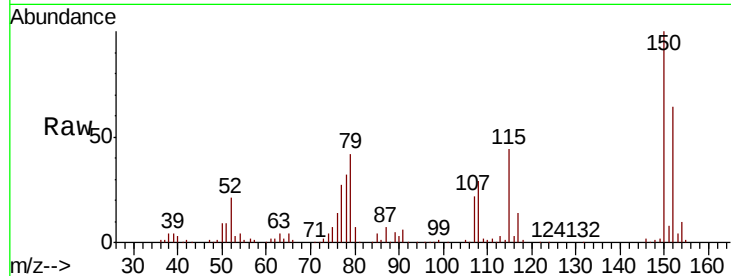
#15
Benzyl Alcohol
Concen: 42.177 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.9	60.4	90.6
77	64.1	50.6	76.0

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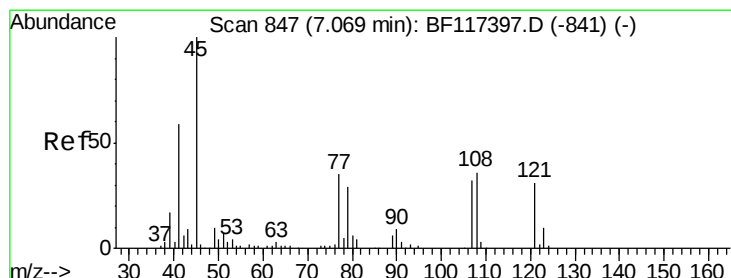
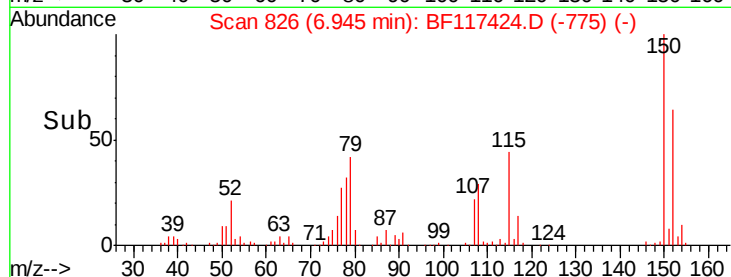
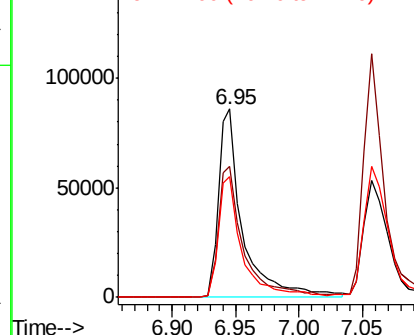


Abundance

Ion 79.00 (78.70 to 79.70): BF1

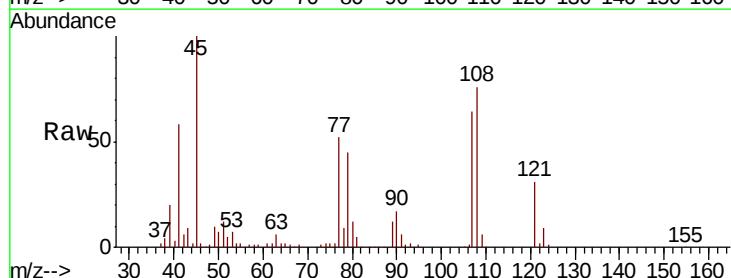
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.784 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	51.8	15.9	55.9
79	45.4	10.7	50.7

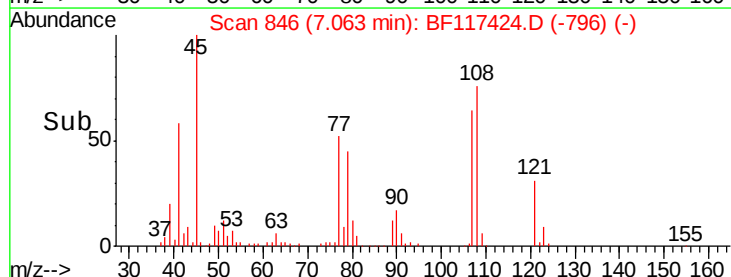
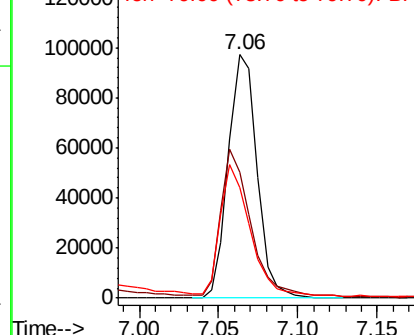


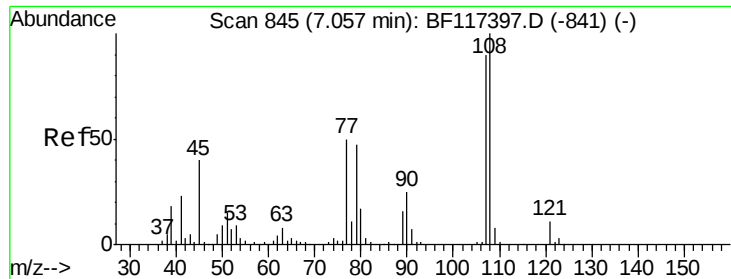
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





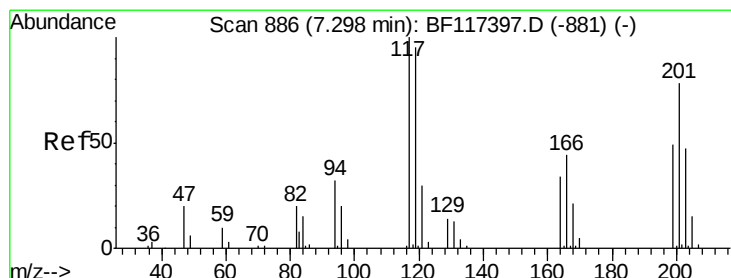
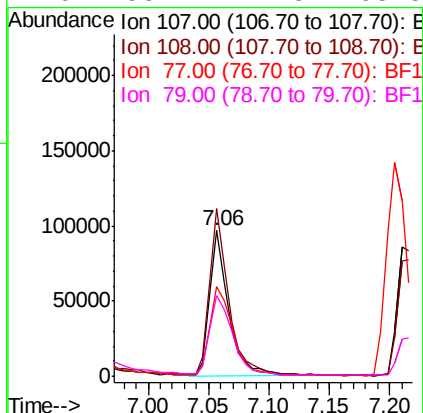
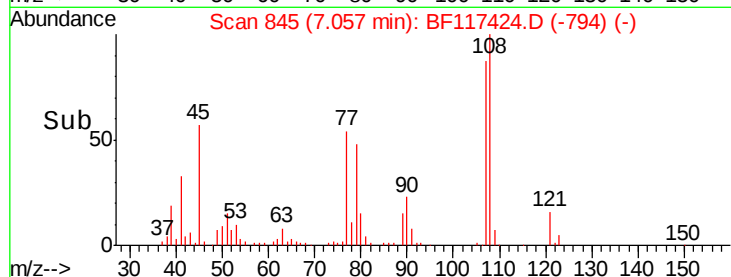
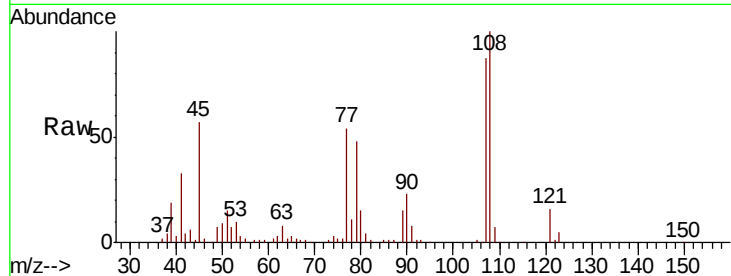
#17
2-Methylphenol
Concen: 41.881 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	89.4	134.2	
77	61.6	45.1	67.7	
79	55.2	42.3	63.5	

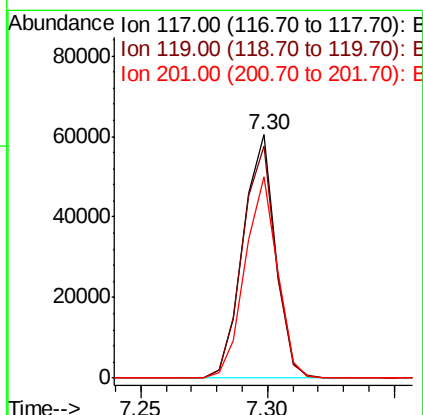
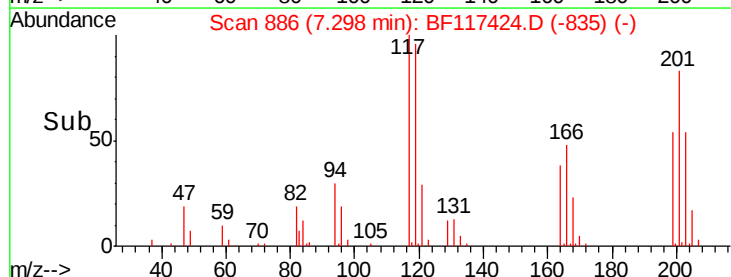
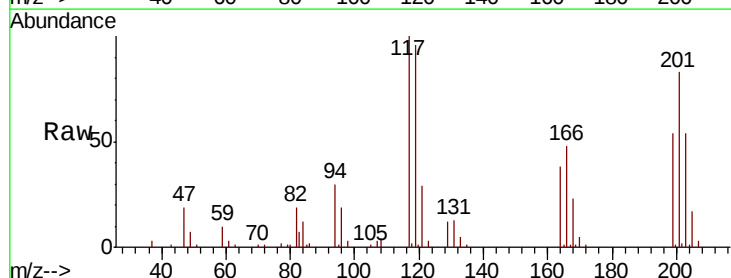
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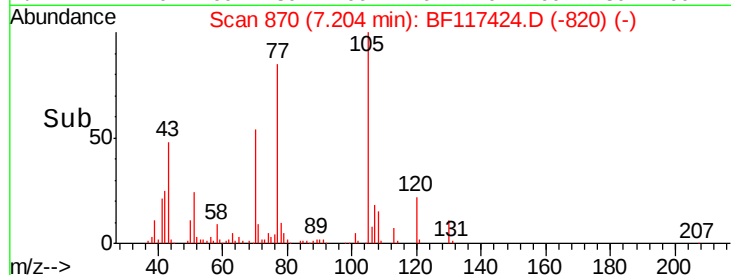
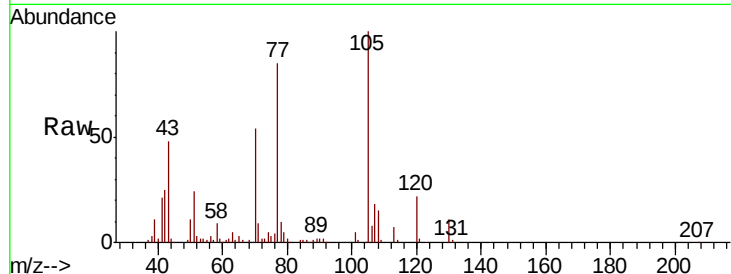
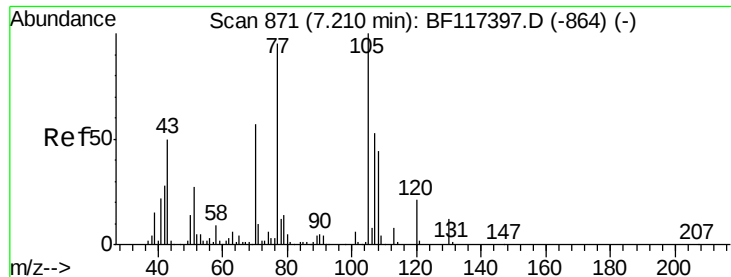
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#18
Hexachloroethane
Concen: 40.341 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	75.7	113.5	
201	83.0	62.2	93.4	





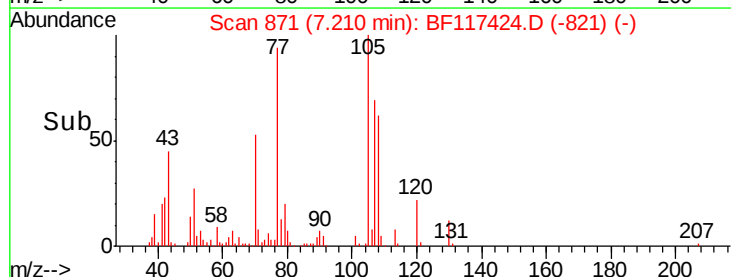
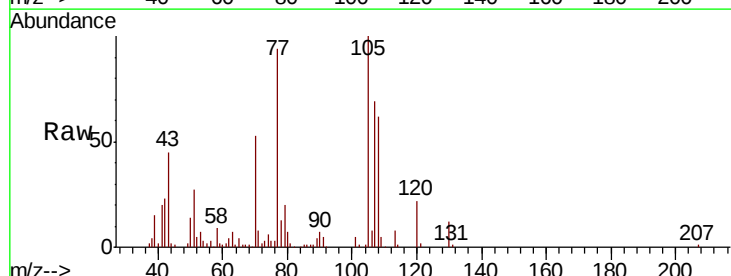
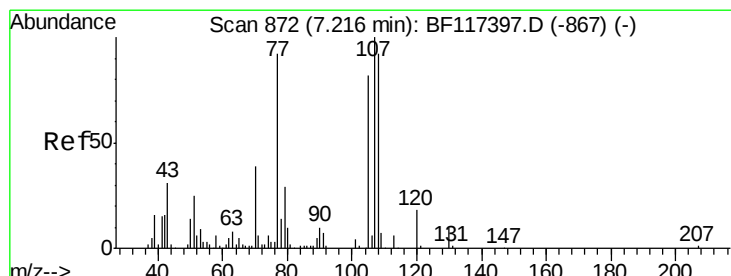
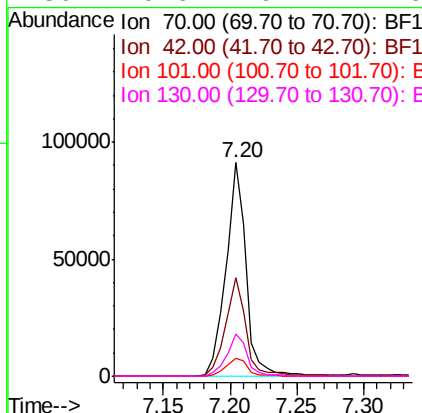
#19
n-Nitroso-di-n-propylamine
Concen: 42.694 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.9	39.8	59.8	
101	8.5	8.1	12.1	
130	19.6	16.4	24.6	

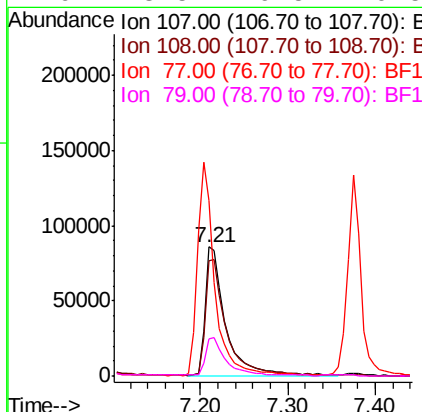
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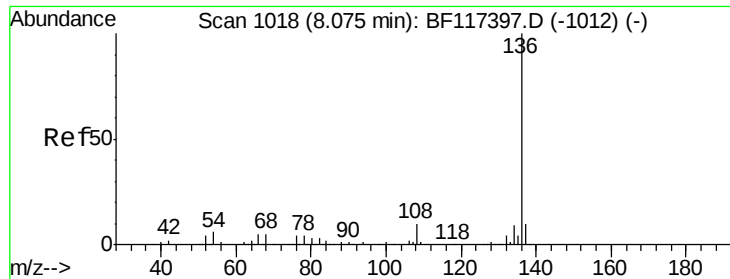
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#20
3+4-Methylphenols
Concen: 43.694 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	71.8	111.8	
77	136.1	72.7	112.7#	
79	28.5	9.5	49.5	





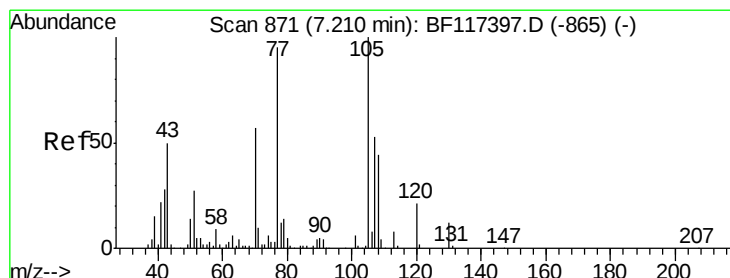
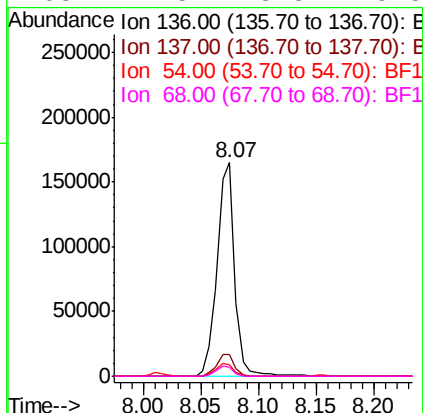
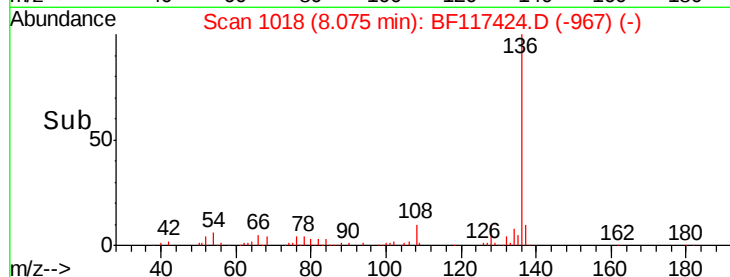
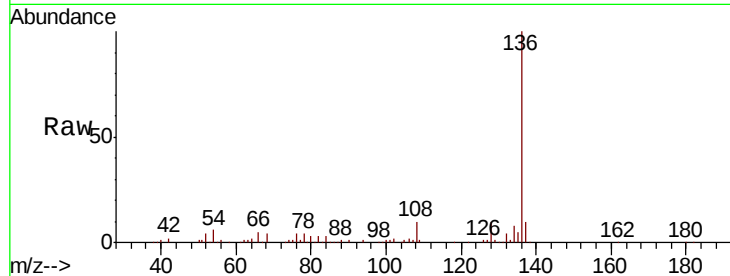
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	173999		
137	10.0		8.4	12.6
54	5.6		4.6	6.8
68	4.5		3.8	5.8

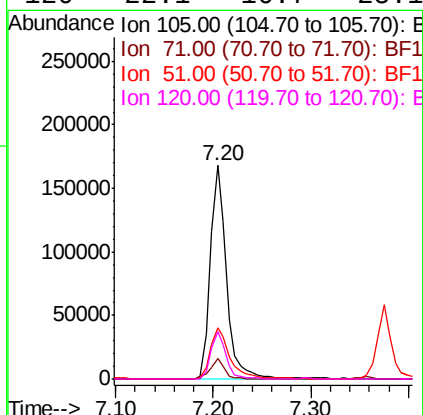
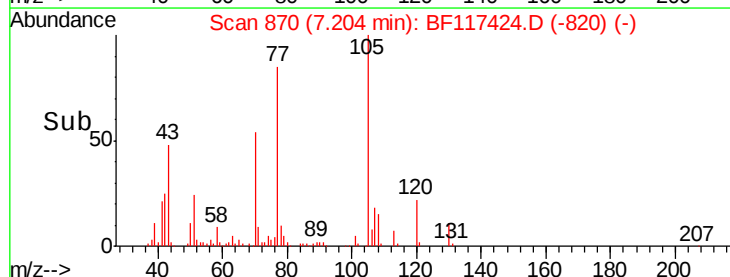
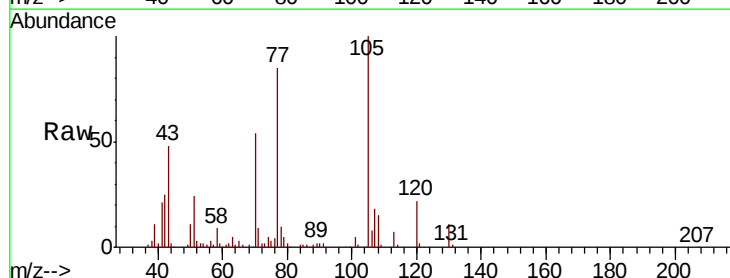
Manual Integrations
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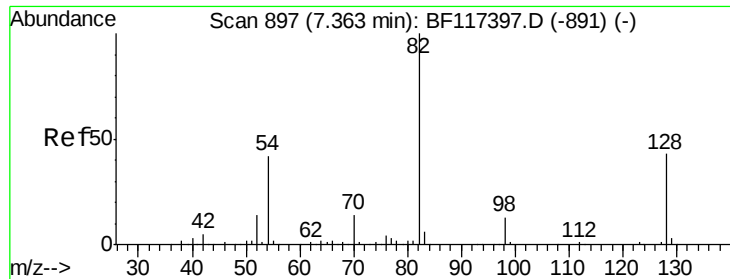
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#22
Acetophenone
Concen: 42.381 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193507		
71	9.4		7.8	11.6
51	24.3		21.5	32.3
120	22.1		16.7	25.1





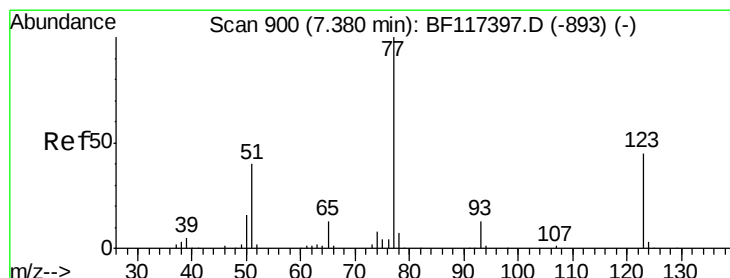
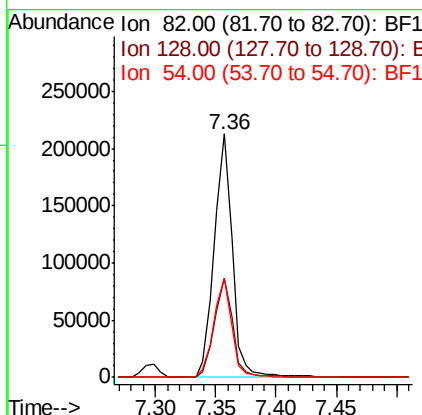
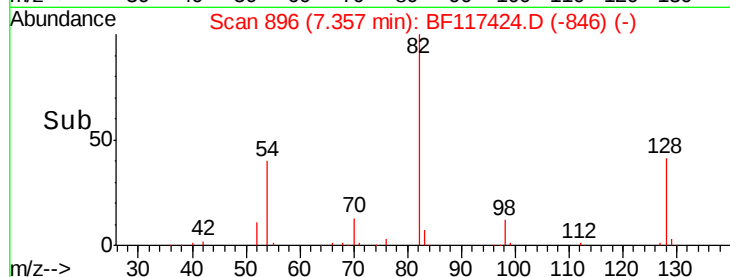
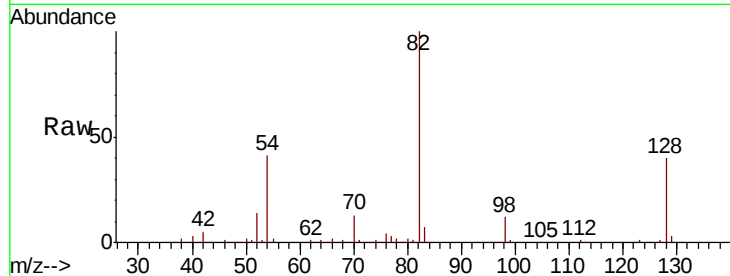
#23
 Nitrobenzene-d5
 Concen: 64.140 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB124065BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	220167		
128	40.5		34.1	51.1
54	40.8		33.3	49.9

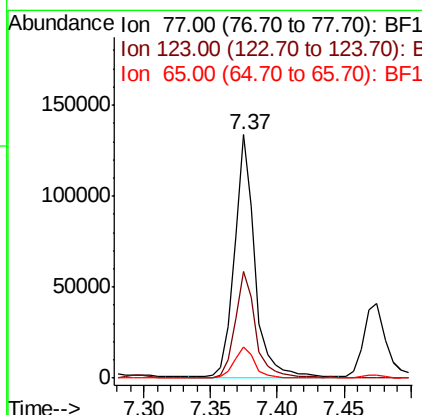
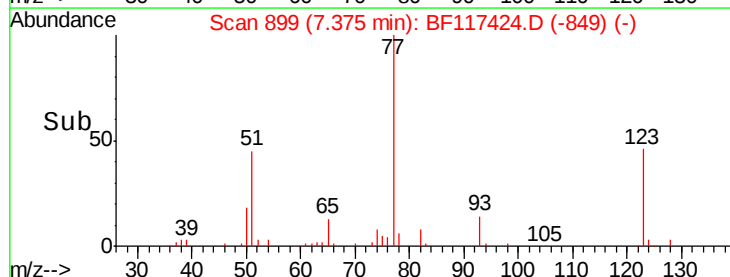
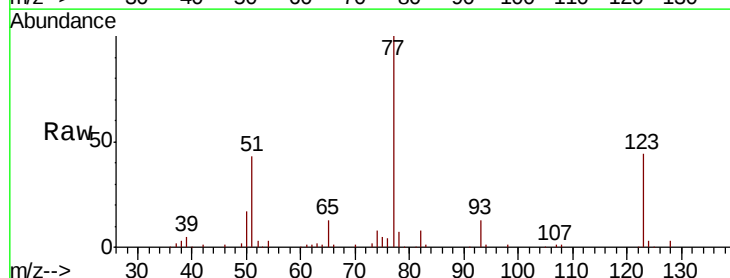
Manual Integrations
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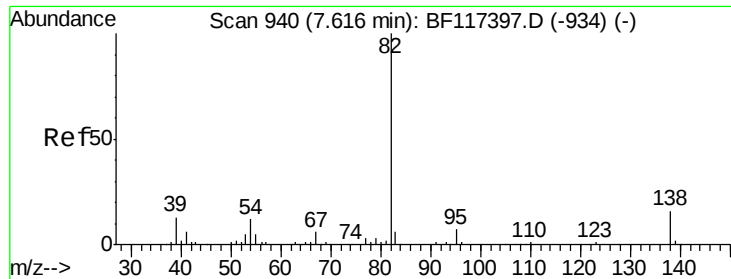
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#24
 Nitrobenzene
 Concen: 41.519 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	142763		
123	44.0		35.8	53.8
65	12.8		10.1	15.1





#25

Isophorone

Concen: 42.240 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117424.D

Acq: 17 Oct 2019 16:10

Instrument :

BNA_F

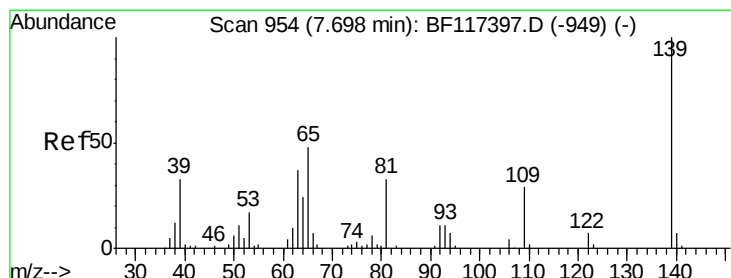
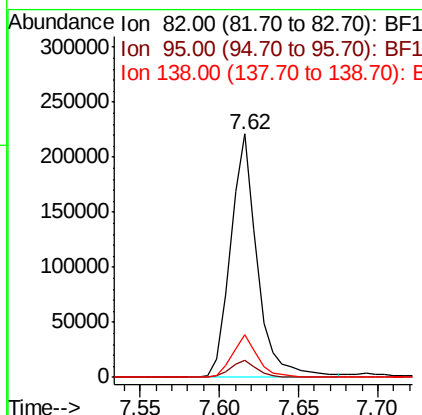
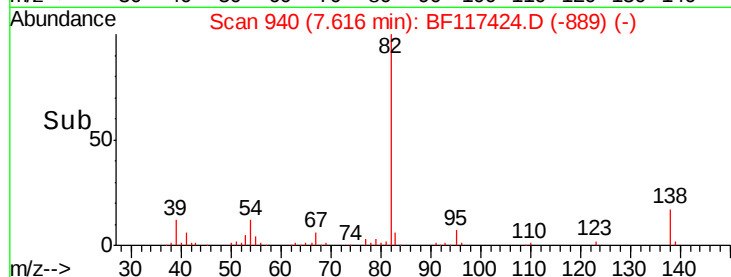
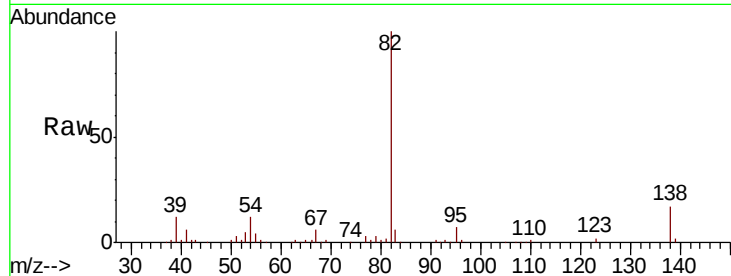
ClientSampleId :

PB124065BS

Tot Ion:	82	Resp:	258282
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.0
138	17.5	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.001 ng

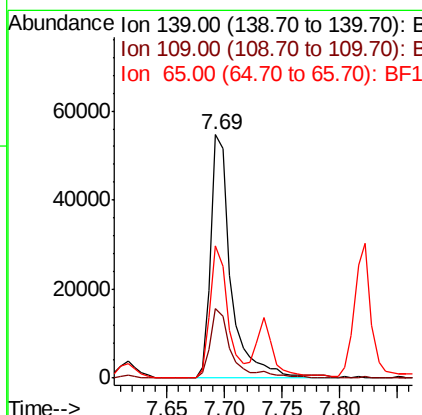
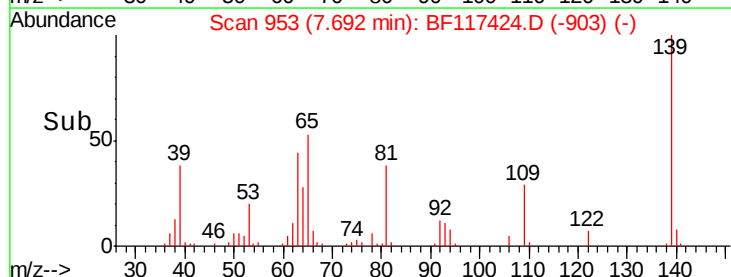
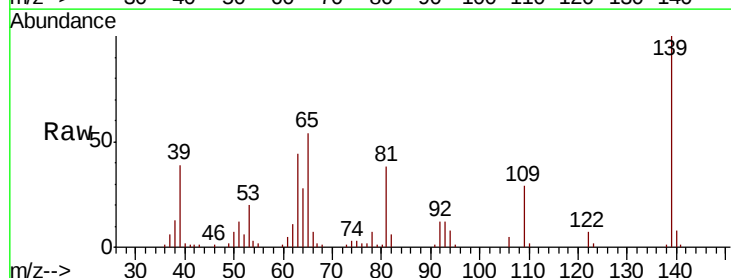
RT: 7.69 min Scan# 953

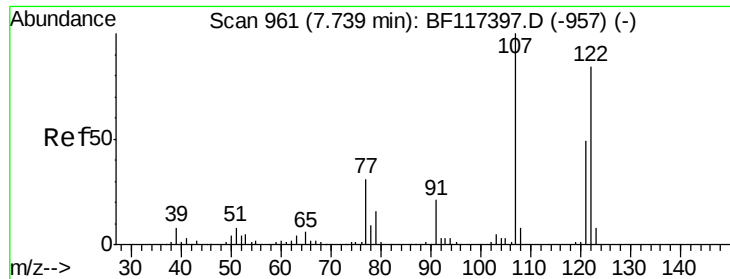
Delta R.T. -0.01 min

Lab File: BF117424.D

Acq: 17 Oct 2019 16:10

Tgt Ion:	139	Resp:	67127
Ion Ratio	Lower	Upper	
139	100		
109	28.6	23.1	34.7
65	54.2	38.2	57.4





#27

2,4-Dimethylphenol

Concen: 48.616 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF117424.D

Acq: 17 Oct 2019 16:10

Instrument :

BNA_F

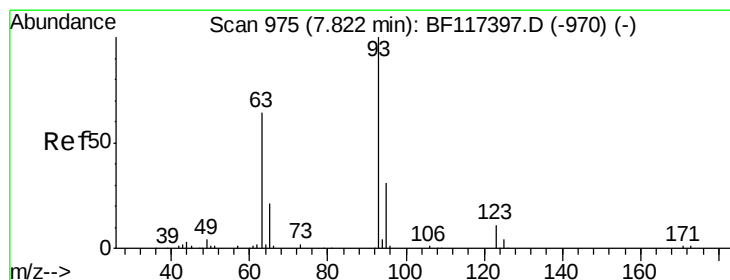
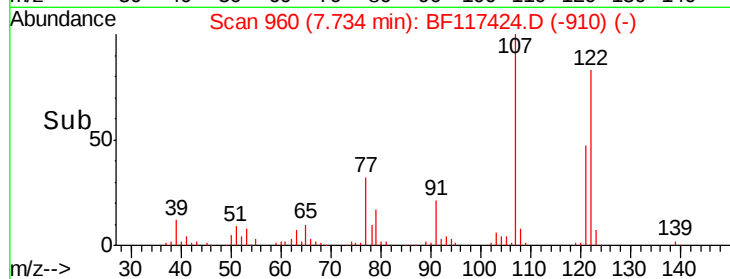
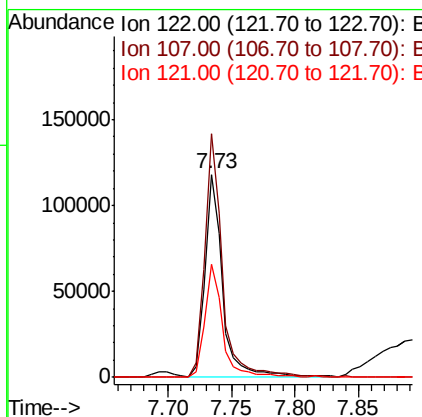
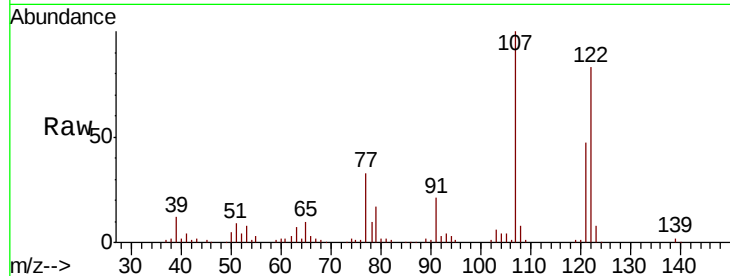
ClientSampleId :

PB124065BS

Tot Ion:	122	Resp:	112721
Ion Ratio	Lower	Upper	
122	100		
107	120.1	95.0	142.6
121	56.0	46.6	69.8

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#28

bis(2-Chloroethoxy)methane

Concen: 40.714 ng

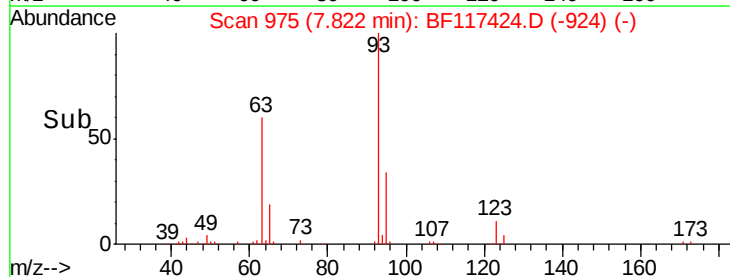
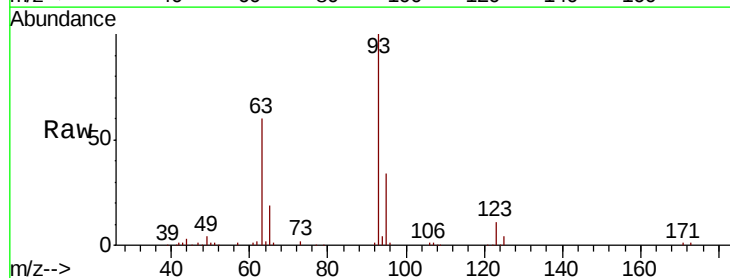
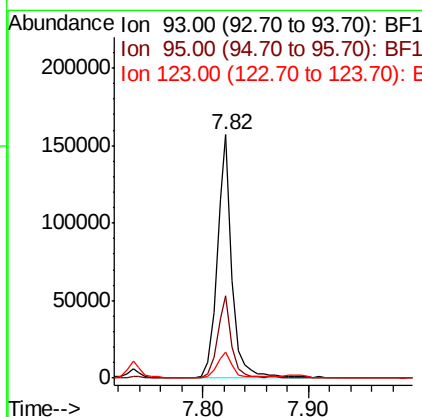
RT: 7.82 min Scan# 975

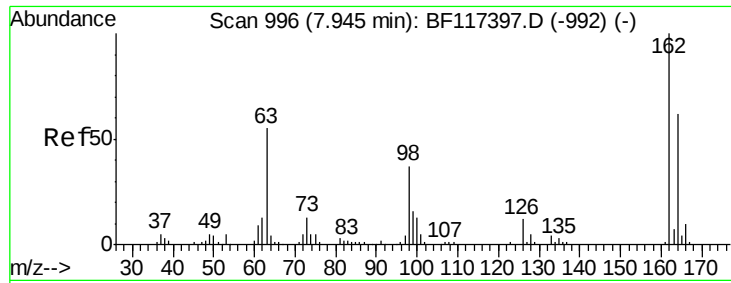
Delta R.T. 0.00 min

Lab File: BF117424.D

Acq: 17 Oct 2019 16:10

Tgt Ion:	93	Resp:	154333
Ion Ratio	Lower	Upper	
93	100		
95	34.0	25.1	37.7
123	10.9	8.6	12.8





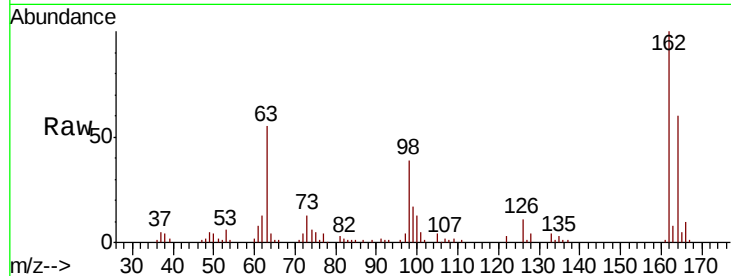
#29
2,4-Dichlorophenol
Concen: 43.397 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	59.9	42.2	82.2	
98	38.9	17.4	57.4	

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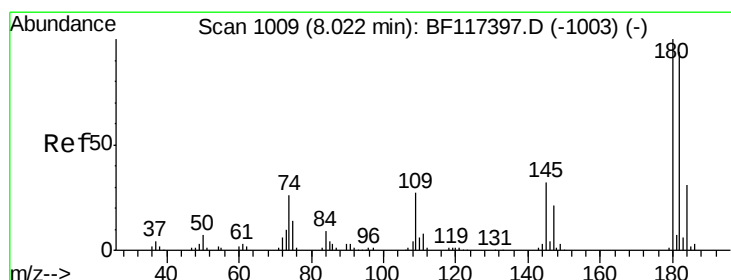
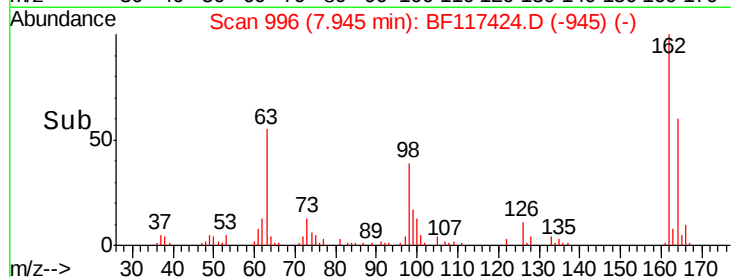
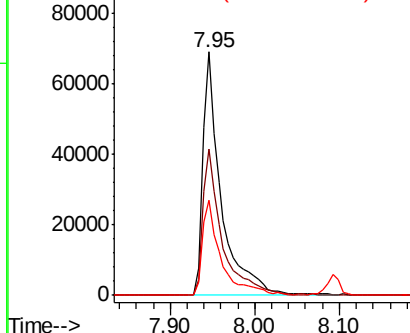


Abundance

Ion 162.00 (161.70 to 162.70): E

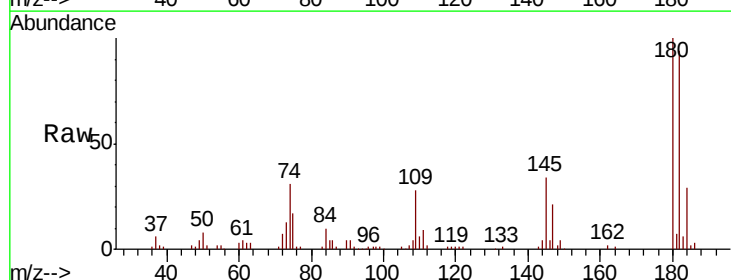
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.082 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	75.4	113.2	
145	33.8	25.5	38.3	

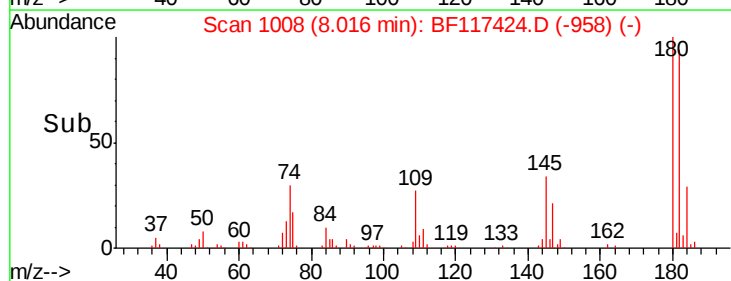
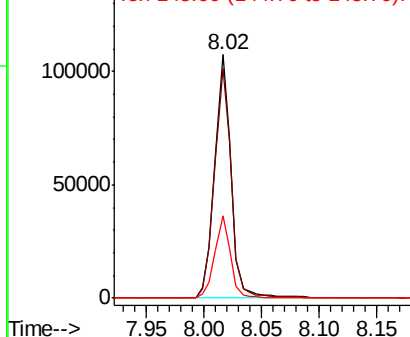


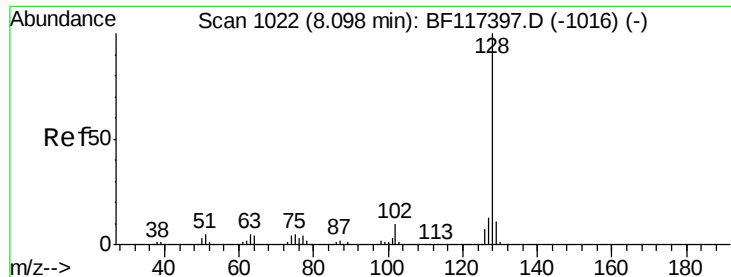
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





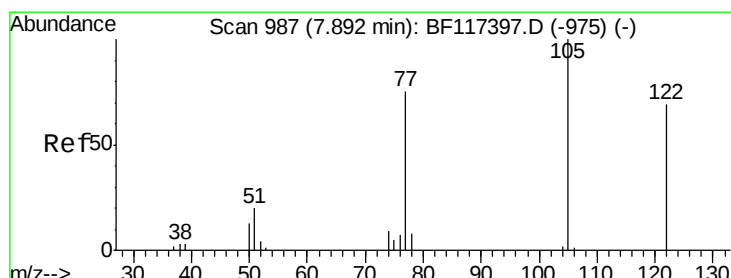
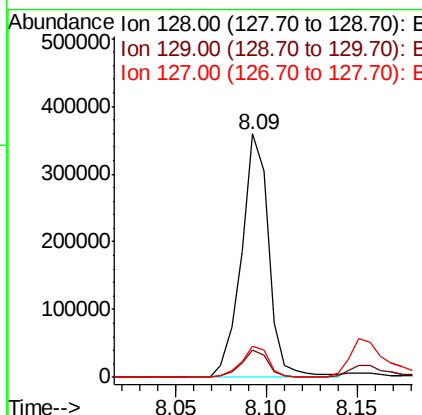
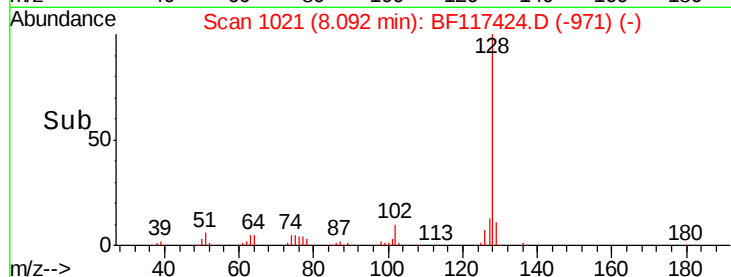
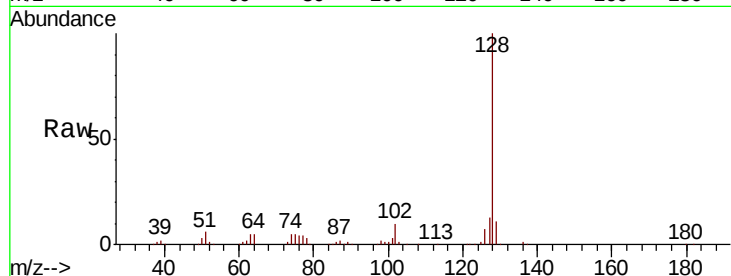
#31
Naphthalene
Concen: 43.444 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	8.6	12.8	
127	12.9	10.4	15.6	

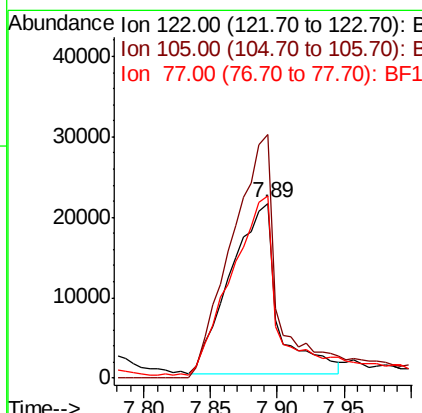
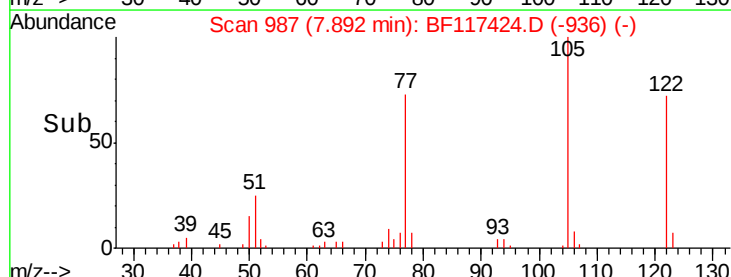
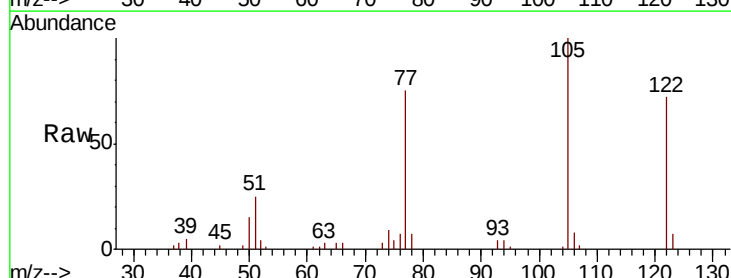
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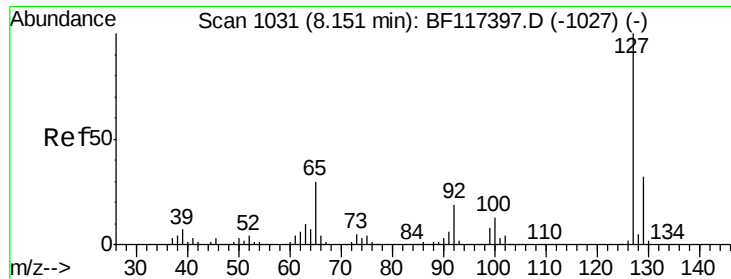
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#32
Benzoic acid
Concen: 35.974 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	139.1	121.5	161.5	
77	103.8	88.3	128.3	





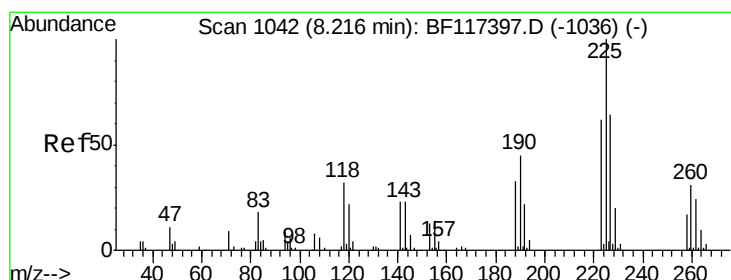
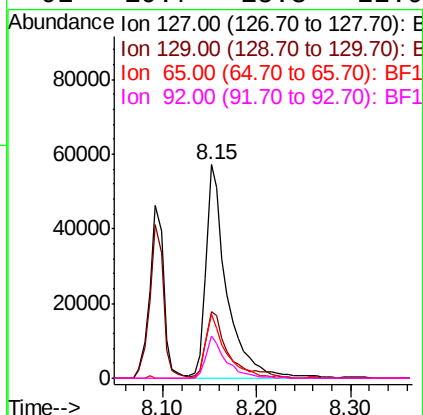
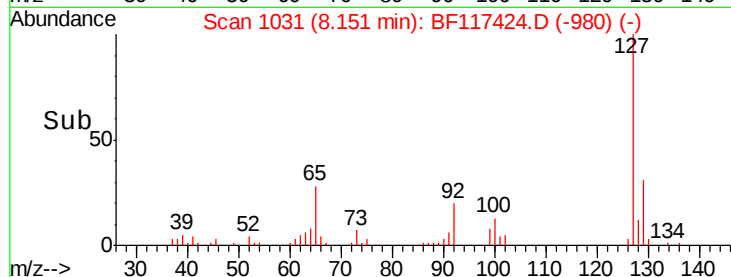
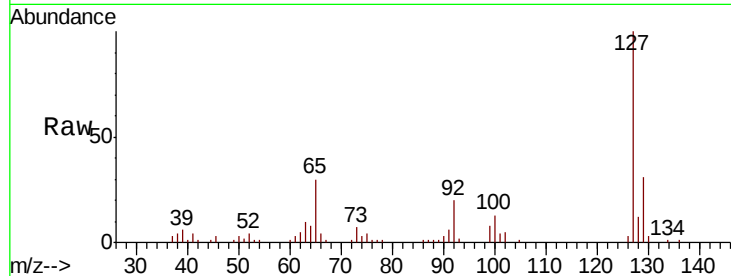
#33
4-Chloroaniline
Concen: 24.218 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		89371		
129	31.4	25.4	38.0		
65	30.1	23.8	35.8		
92	19.7	15.3	22.9		

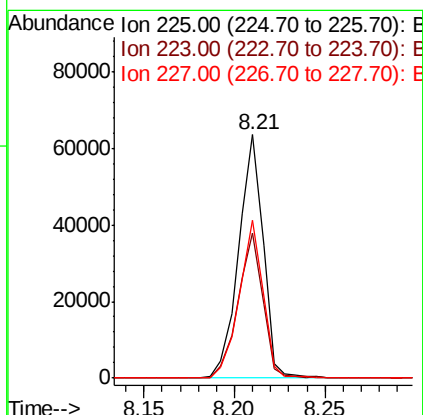
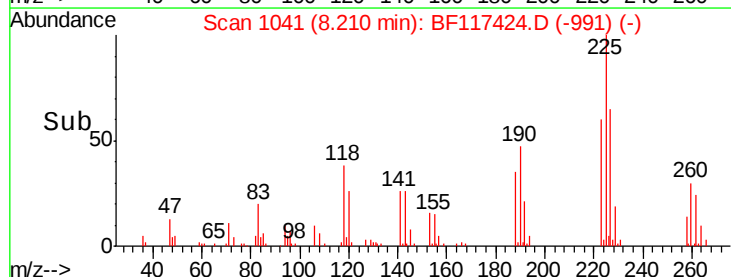
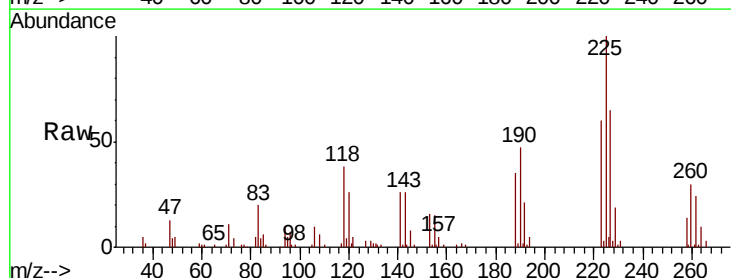
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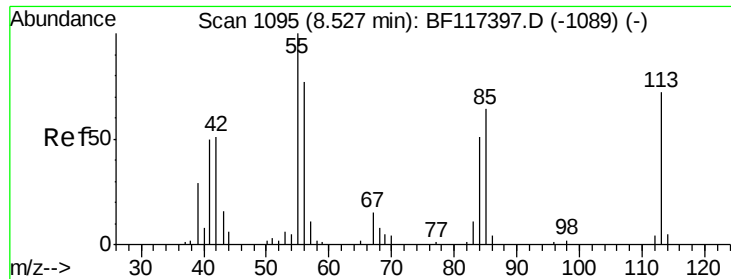
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#34
Hexachlorobutadiene
Concen: 40.466 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		59773		
223	59.7	49.7	74.5		
227	65.1	50.9	76.3		





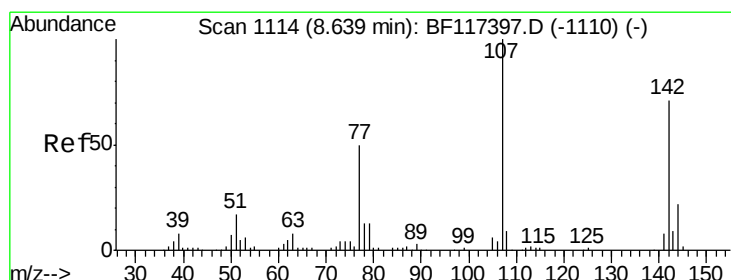
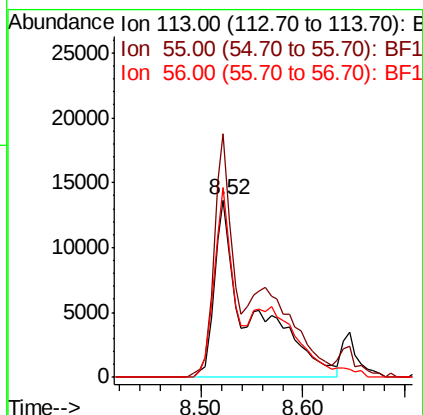
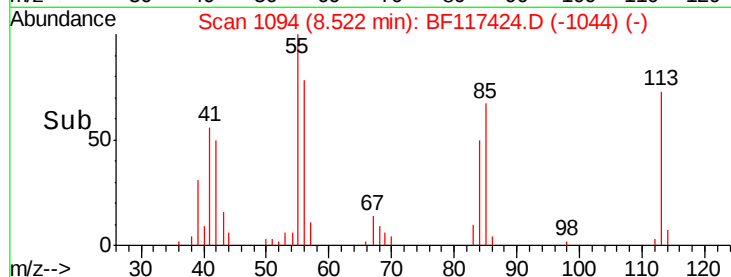
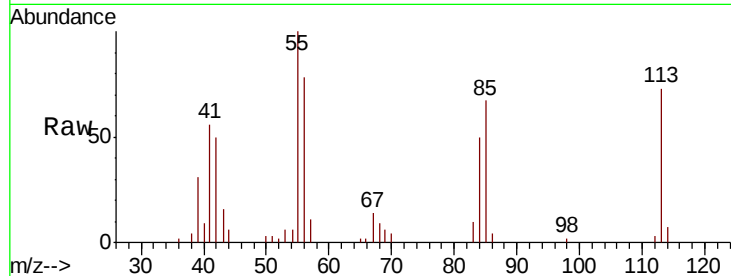
#35
Caprolactam
Concen: 45.522 ng/ml
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleID :
PB124065BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.1	118.5	158.5
56	107.3	86.7	126.7

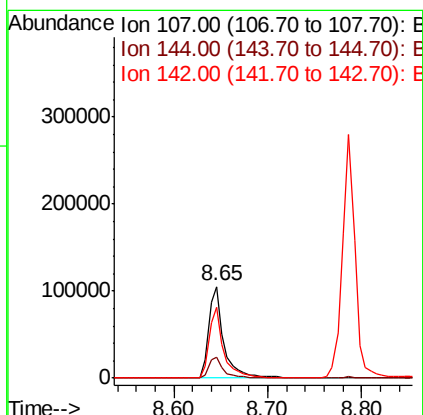
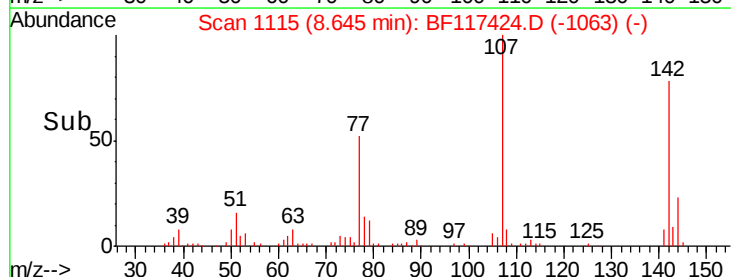
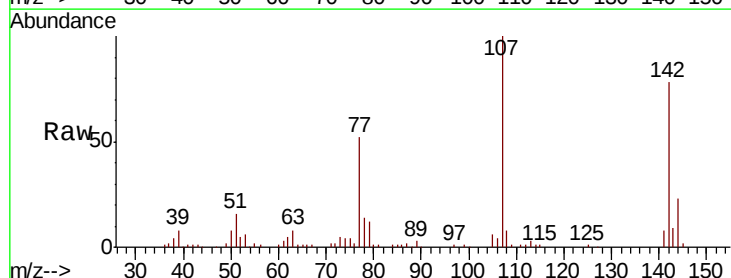
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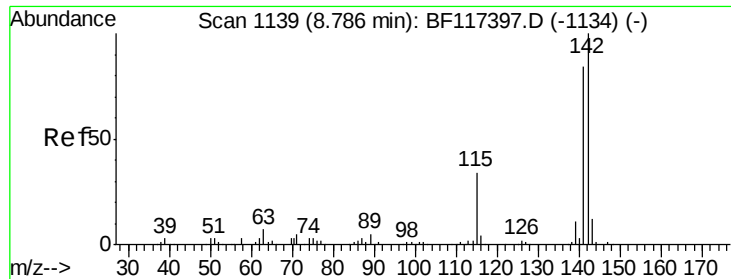
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#36
4-Chloro-3-methylphenol
Concen: 43.974 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.2	17.9	26.9
142	78.0	56.9	85.3





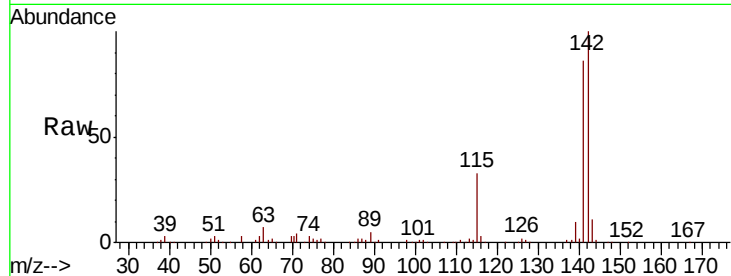
#37
2-Methylnaphthalene
Concen: 44.449 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	67.2	100.8
115	32.9	26.9	40.3

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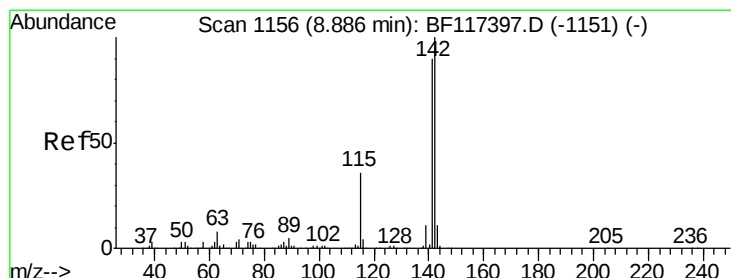
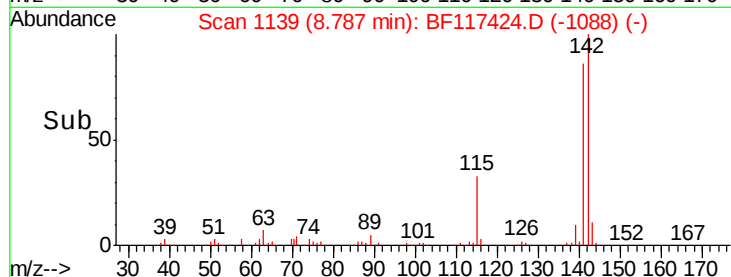
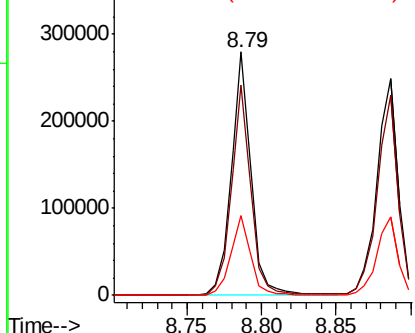


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.058 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

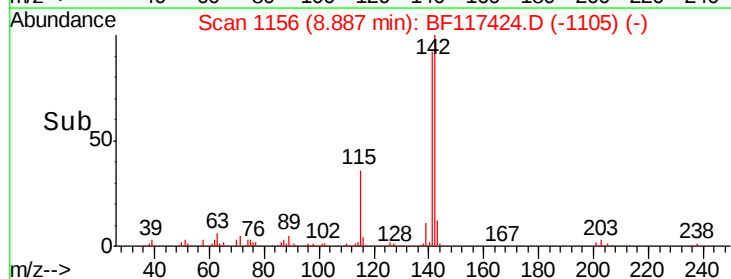
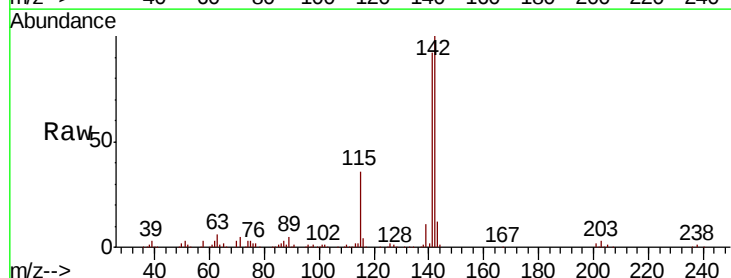
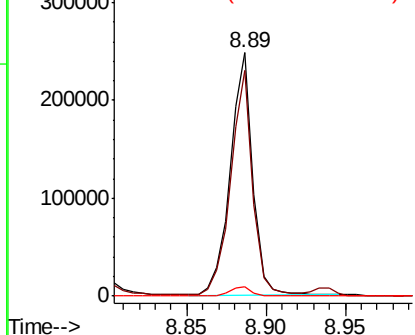
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	71.8	107.8
116	3.7	2.9	4.3

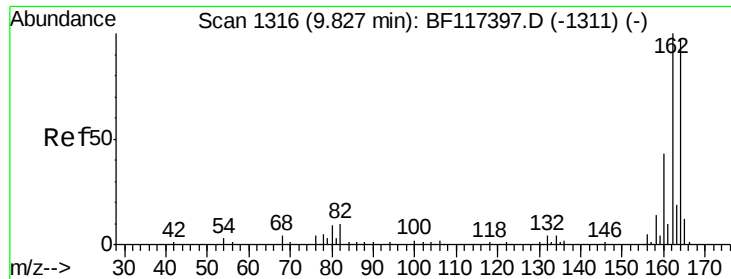
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





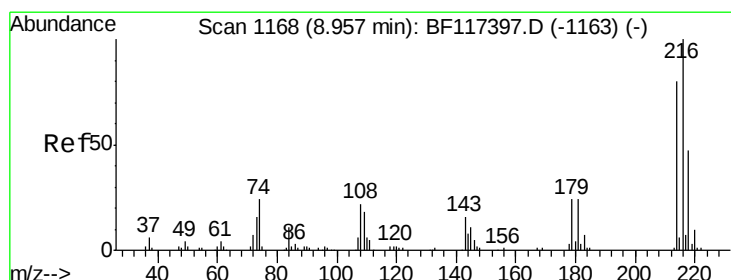
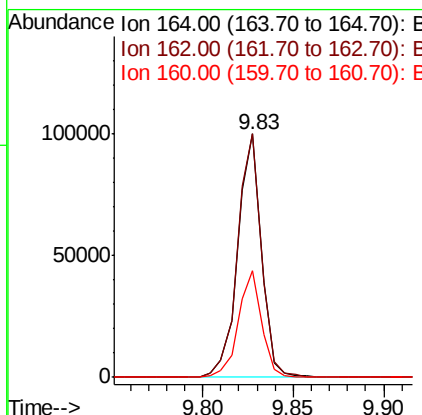
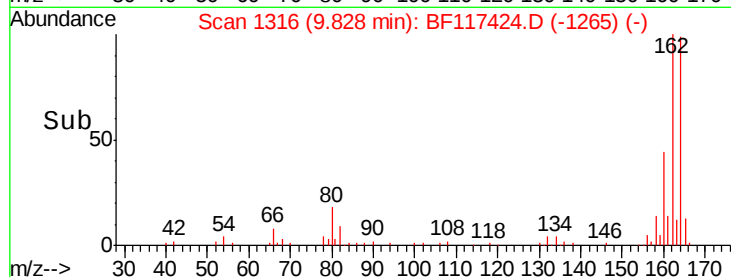
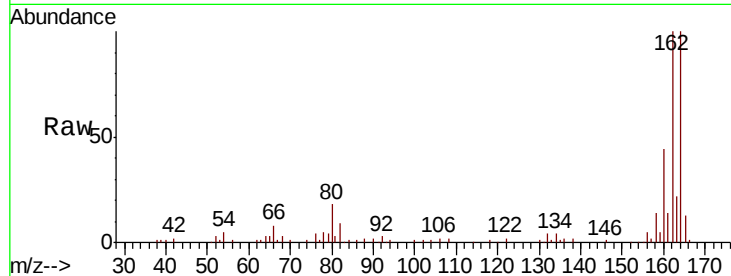
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.4	123.6
160	44.0	35.4	53.0

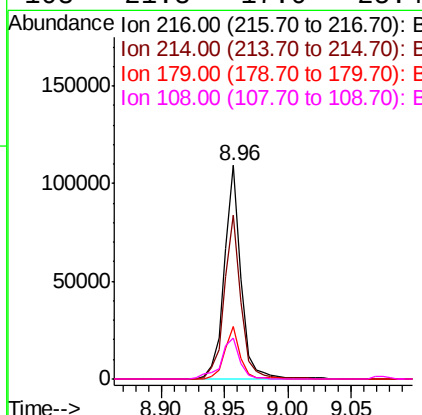
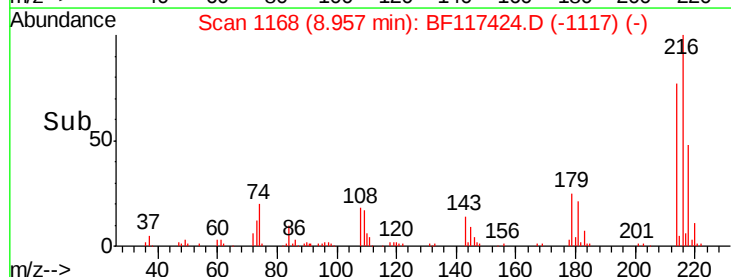
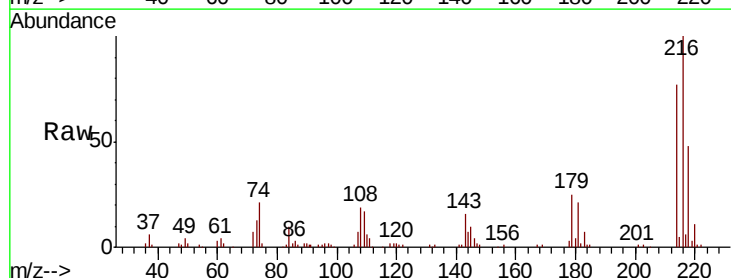
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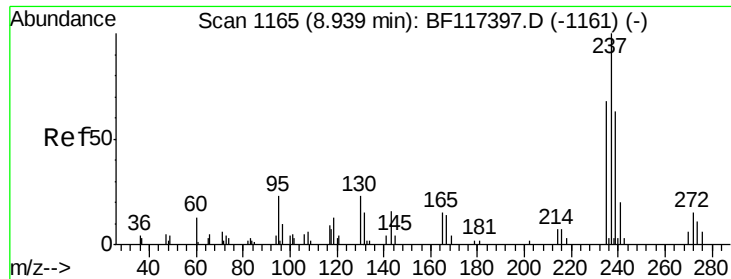
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.783 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	63.8	95.6
179	22.8	18.6	28.0
108	21.8	17.0	25.4





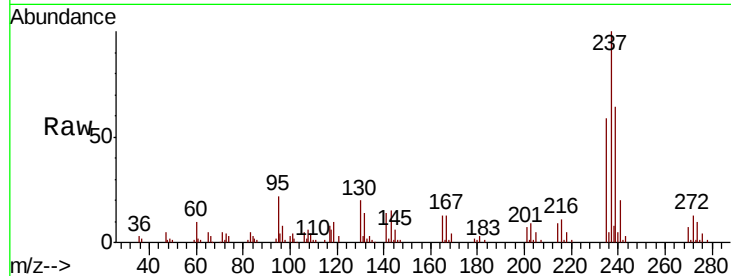
#41
Hexachlorocyclopentadiene
Concen: 107.628 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

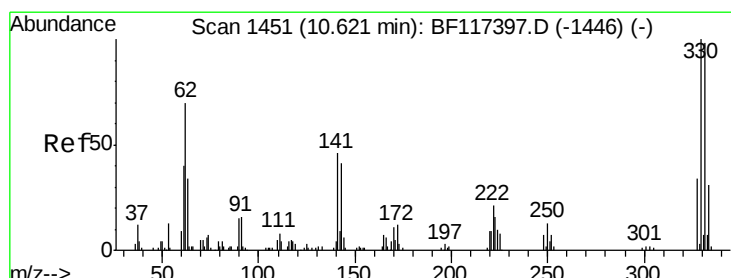
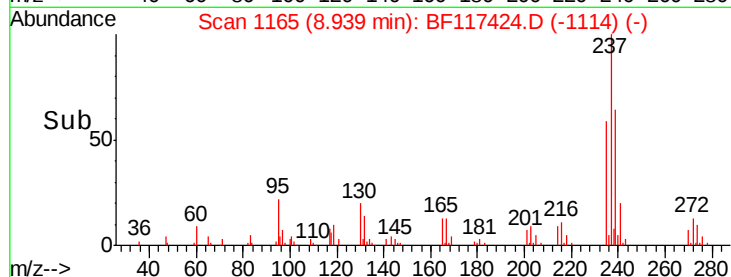
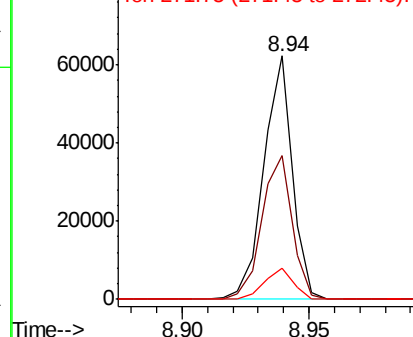
Tot Ion	Ratio	Resp	Lower	Upper
237	100	49081		
235	59.1	47.8	87.8	
272	12.8	0.0	35.0	

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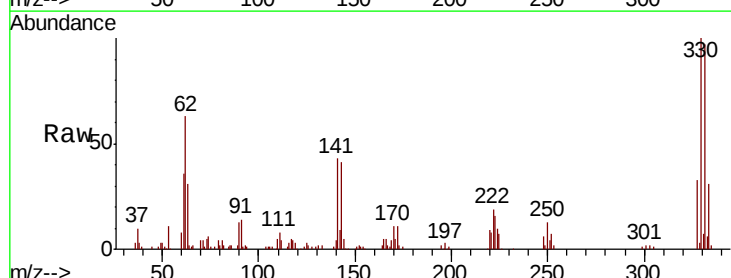


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

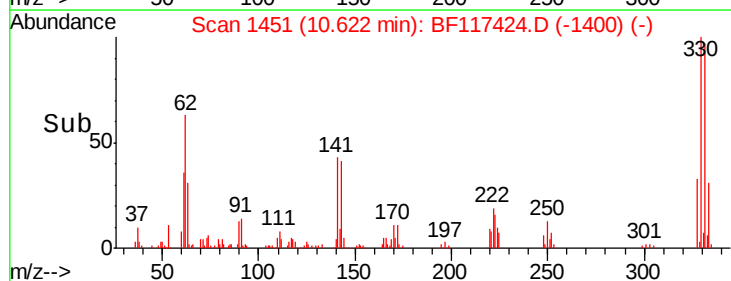
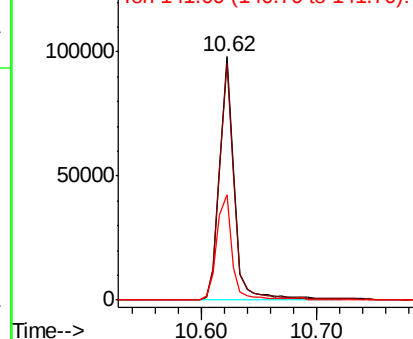


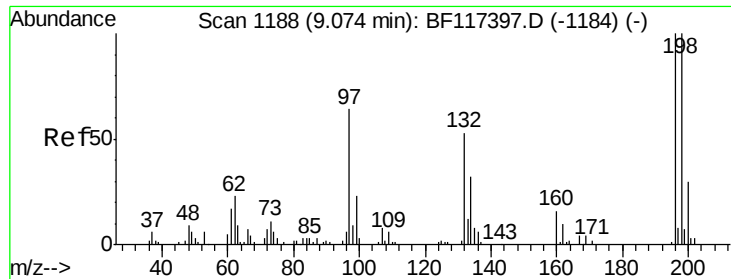
#42
2,4,6-Tribromophenol
Concen: 118.908 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	87813		
332	97.5	75.0	112.6	
141	44.5	34.2	51.4	



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





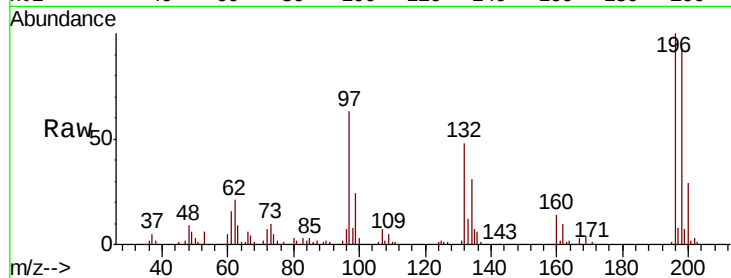
#43
 2,4,6-Trichlorophenol
 Concen: 40.513 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB124065BS

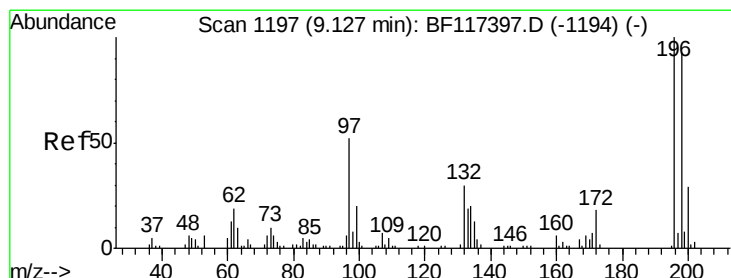
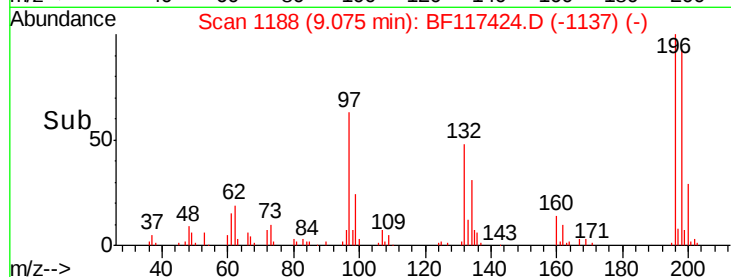
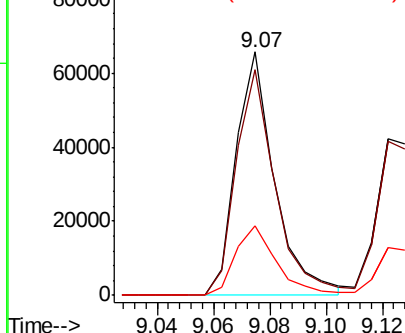
Tot Ion:	196	Resp:	62612
Ion Ratio	Lower	Upper	
196	100		
198	92.7	79.8	119.6
200	28.5	23.7	35.5

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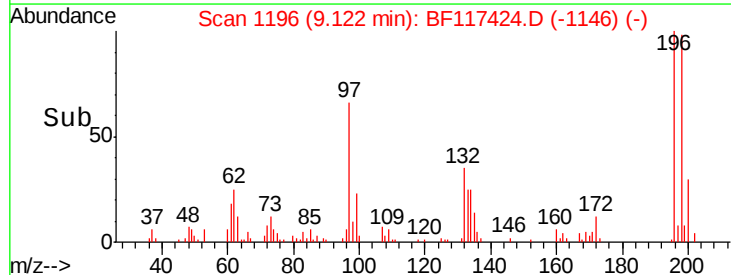
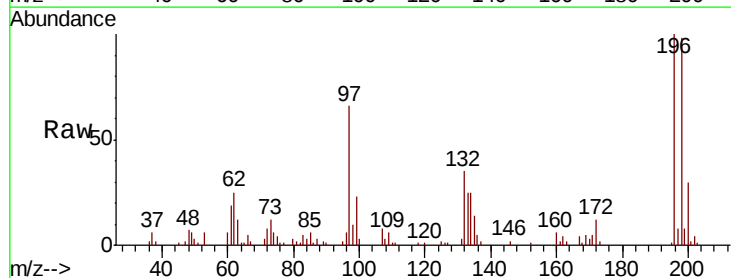
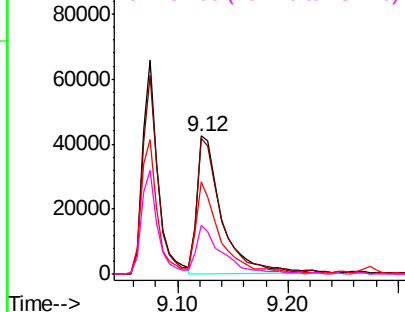
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

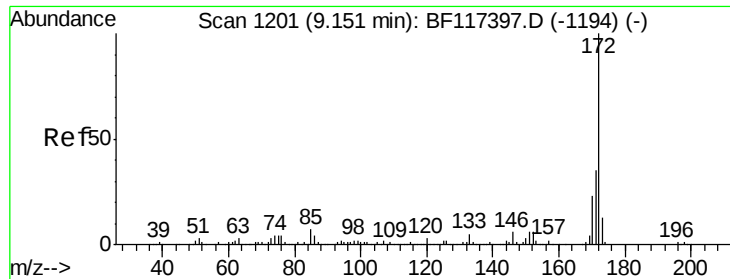


#44
 2,4,5-Trichlorophenol
 Concen: 41.220 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Tgt Ion:	196	Resp:	64980
Ion Ratio	Lower	Upper	
196	100		
198	98.1	74.9	112.3
97	66.4	42.5	63.7#
132	34.9	24.7	37.1

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





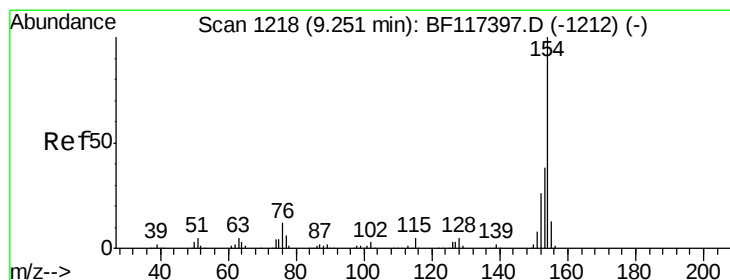
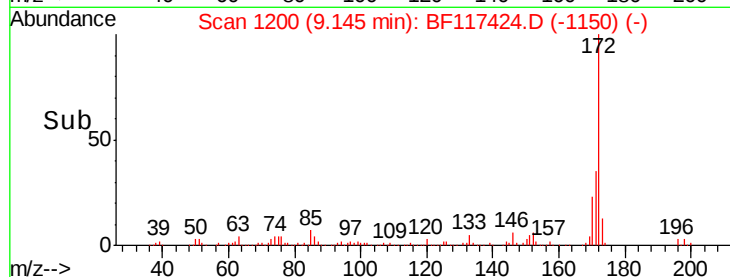
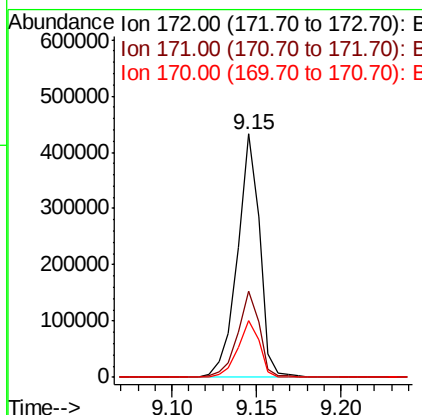
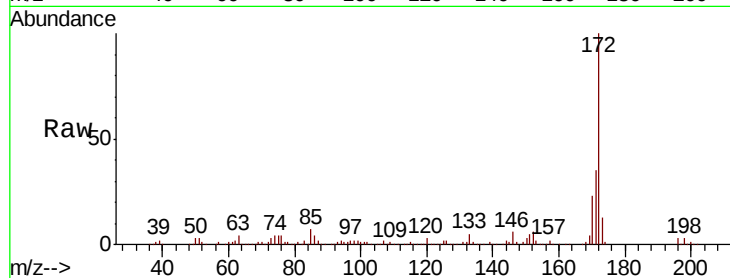
#45
2-Fluorobiphenyl
Concen: 63.536 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	395451		
171	35.3		28.2	42.2
170	23.1		18.2	27.2

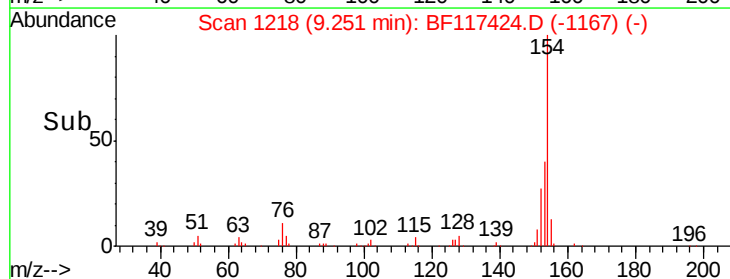
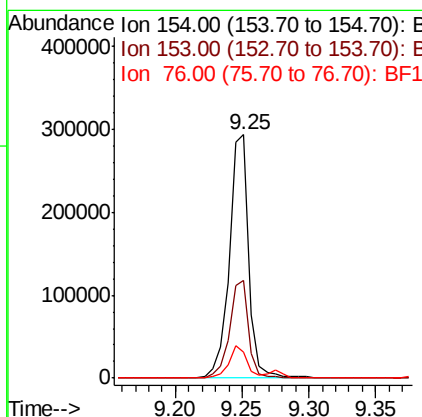
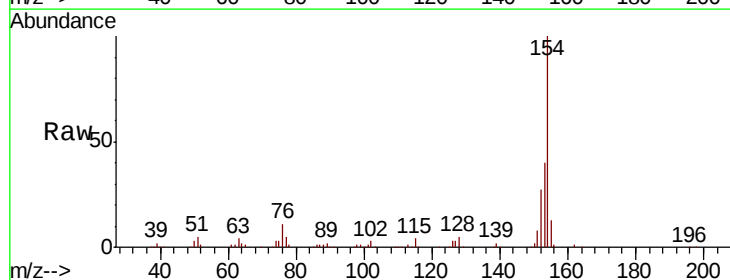
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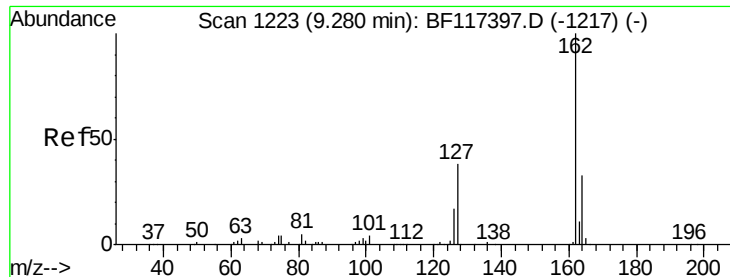
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#46
1,1'-Biphenyl
Concen: 40.881 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	303041		
153	40.4		18.3	58.3
76	10.9		0.0	32.3





#47

2-Chloronaphthalene

Concen: 39.936 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF117424.D

Acq: 17 Oct 2019 16:10

Instrument :

BNA_F

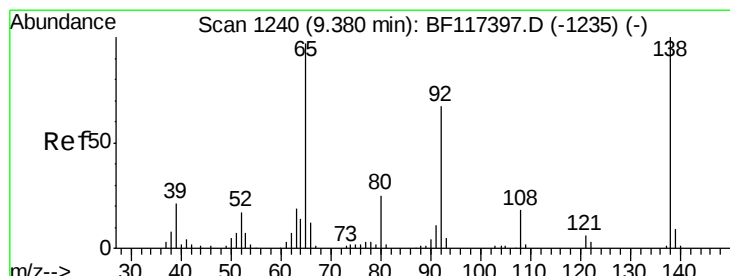
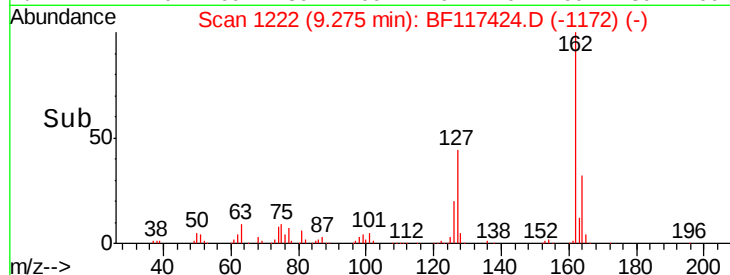
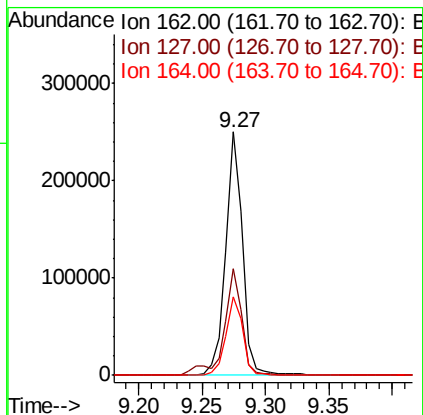
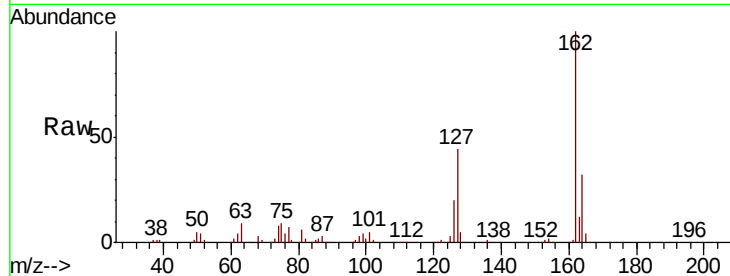
ClientSampleId :

PB124065BS

Tot Ion:	162	Resp:	230775
Ion Ratio	Lower	Upper	
162	100		
127	43.8	32.6	48.8
164	32.3	26.2	39.4

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#48

2-Nitroaniline

Concen: 40.742 ng

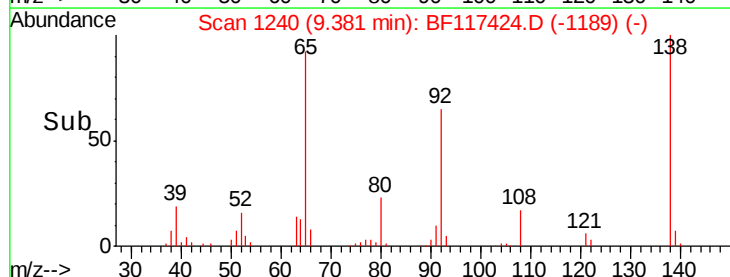
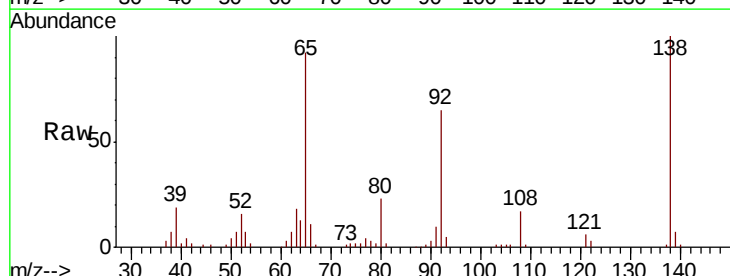
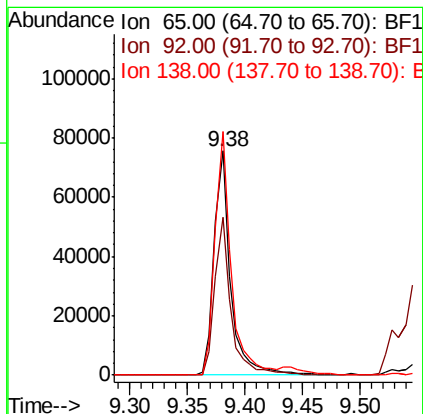
RT: 9.38 min Scan# 1240

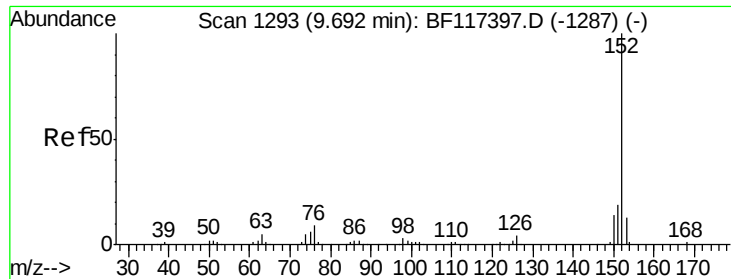
Delta R.T. 0.00 min

Lab File: BF117424.D

Acq: 17 Oct 2019 16:10

Tgt Ion:	65	Resp:	75118
Ion Ratio	Lower	Upper	
65	100		
92	70.6	55.4	83.0
138	108.6	82.6	124.0





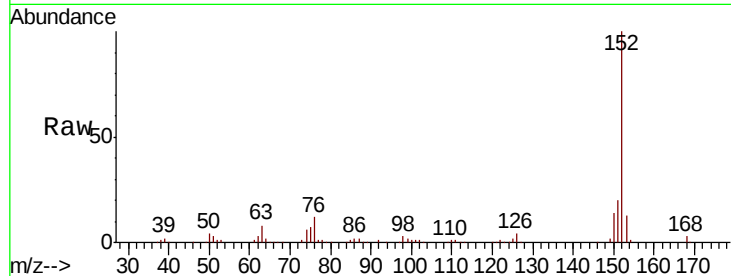
#49
Acenaphthylene
Concen: 43.049 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	13.2	10.6	16.0

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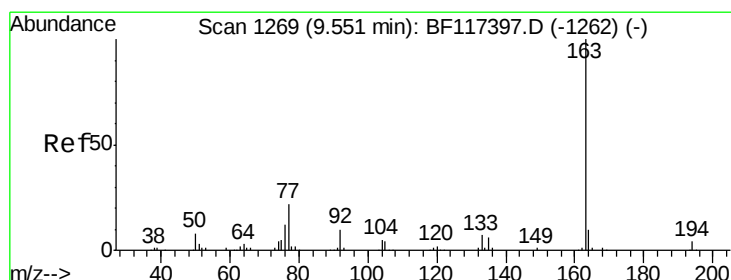
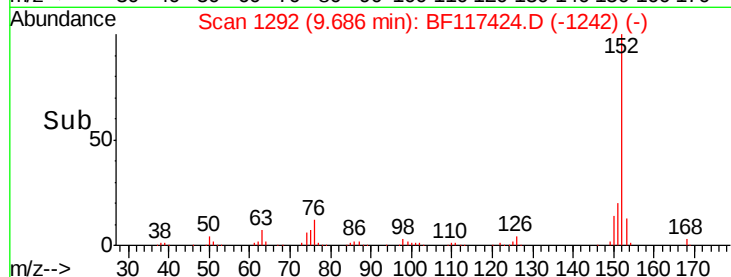
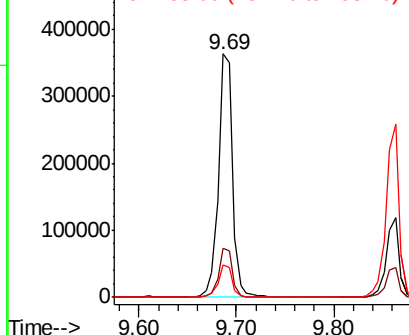


Abundance

Ion 152.00 (151.70 to 152.70): E

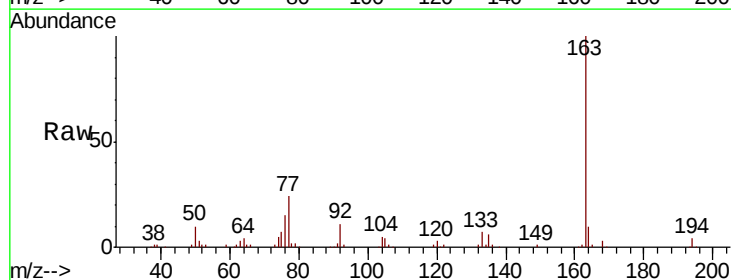
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 40.966 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.2	8.0	12.0

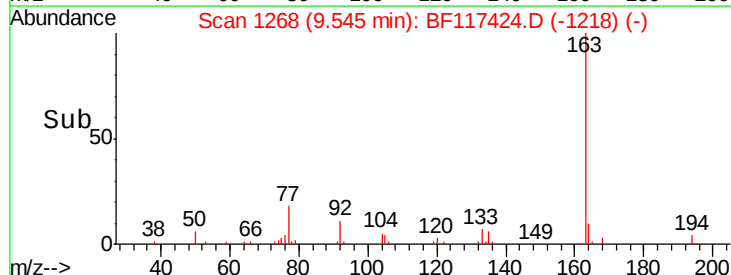
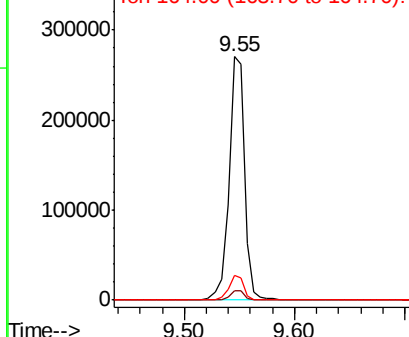


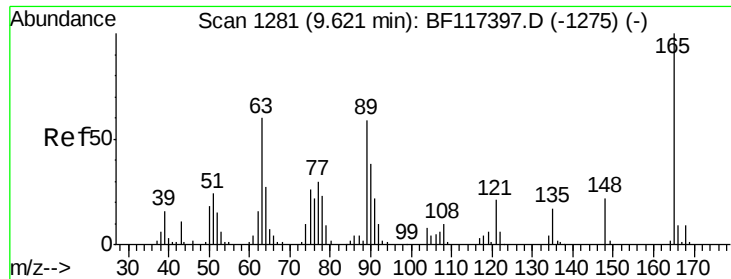
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





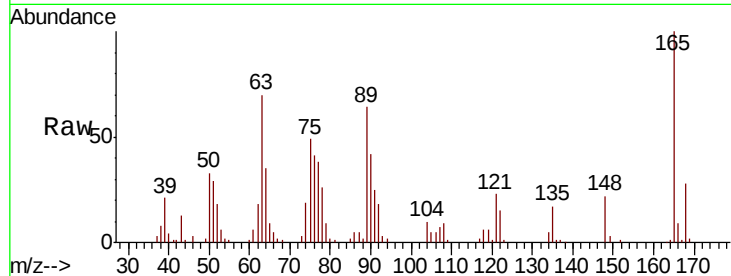
#51
2,6-Dinitrotoluene
Concen: 43.600 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

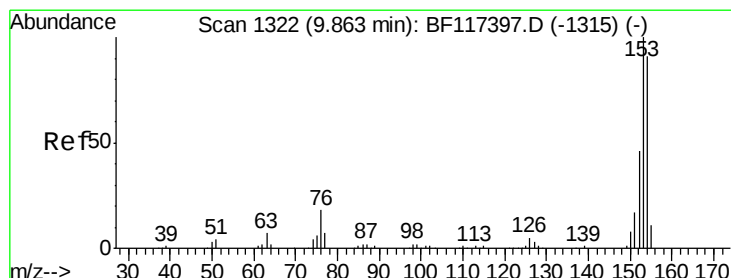
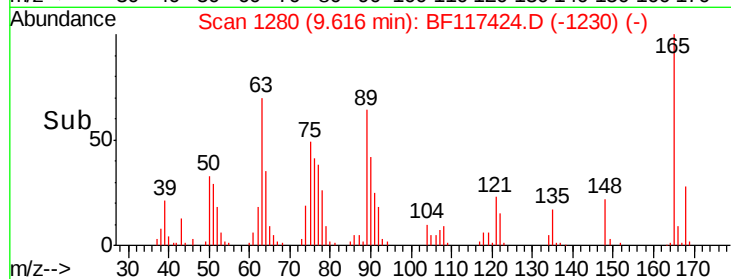
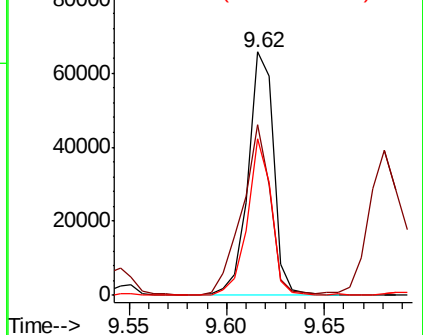
Tot Ion	Ratio	Lower	Upper
165	100		
63	70.0	47.8	71.6
89	64.2	47.4	71.0

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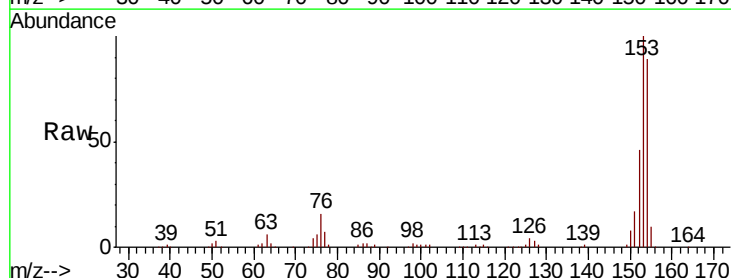


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

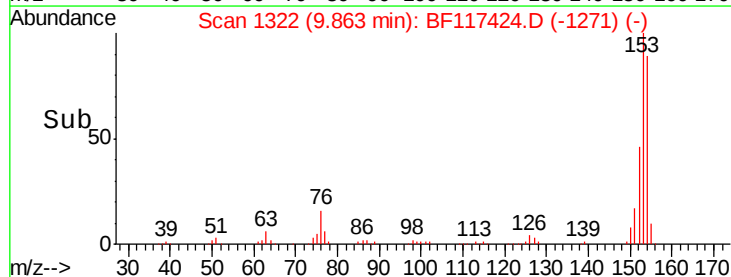
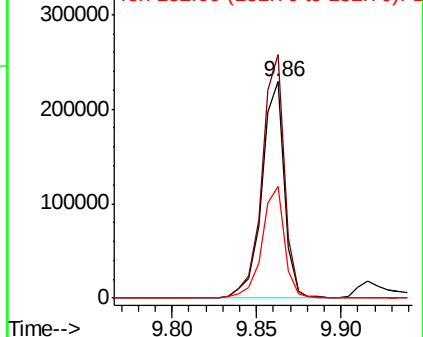


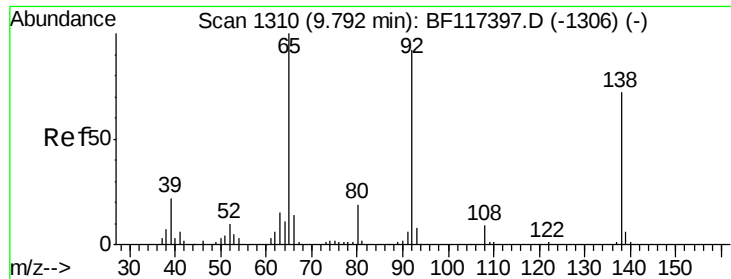
#52
Acenaphthene
Concen: 41.081 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	87.9	131.9
152	51.8	40.8	61.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





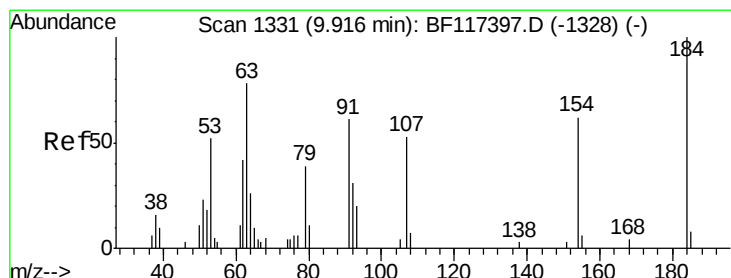
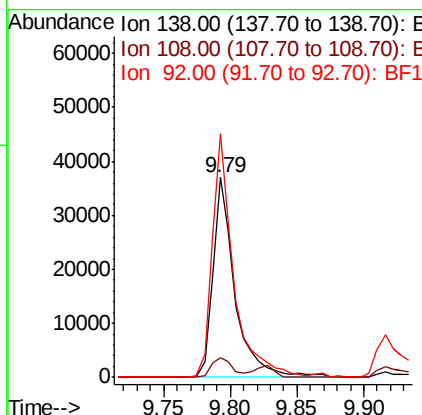
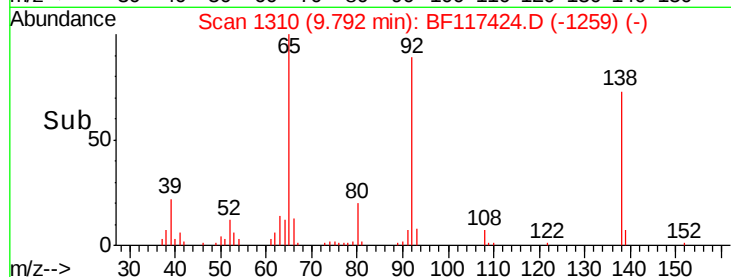
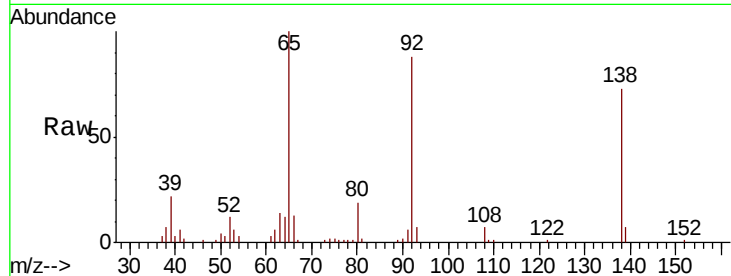
#53
3-Nitroaniline
Concen: 25.523 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.5	14.3
92	121.9	102.2	153.4

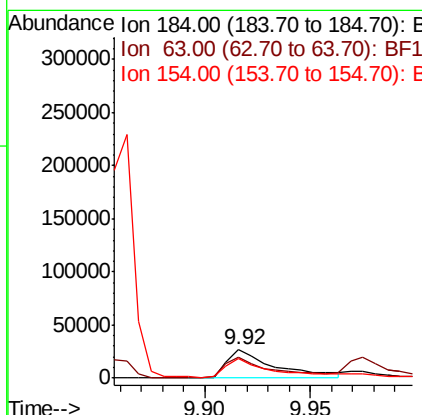
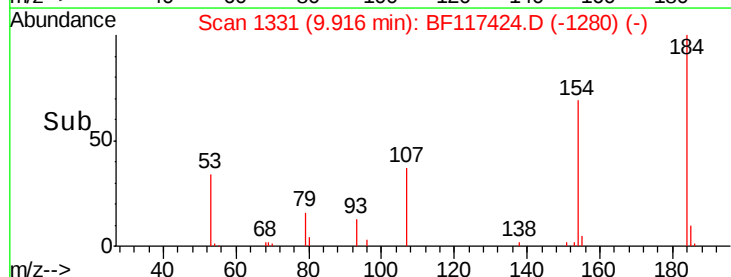
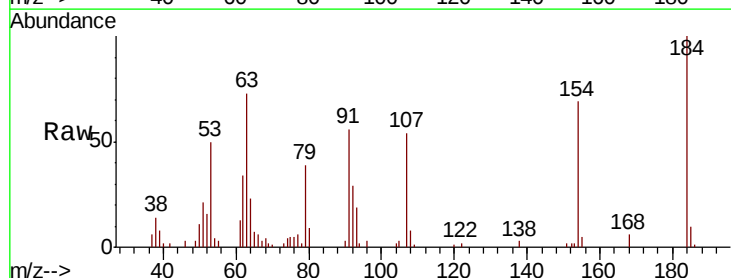
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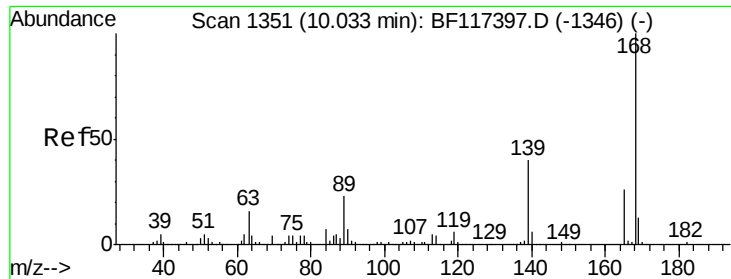
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#54
2,4-Dinitrophenol
Concen: 72.668 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.7	62.4	93.6
154	68.8	53.5	80.3





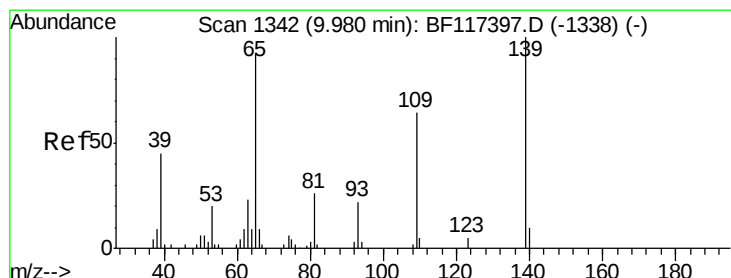
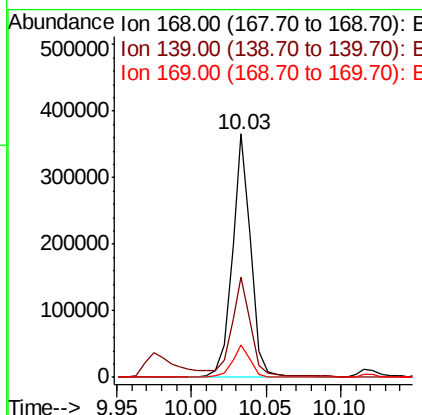
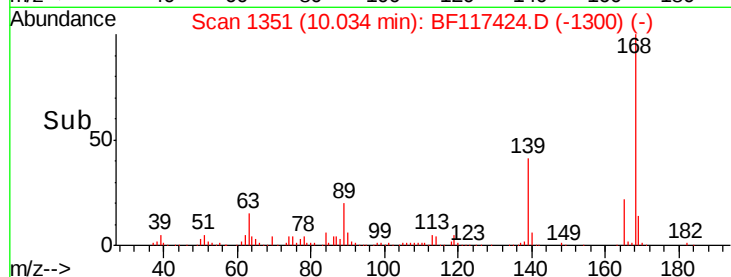
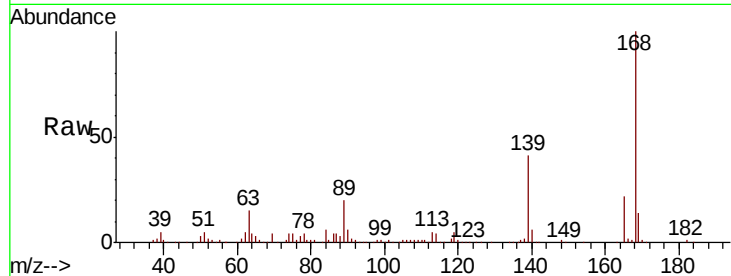
#55
Dibenzofuran
Concen: 42.622 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	33.3	49.9
169	13.5	10.7	16.1

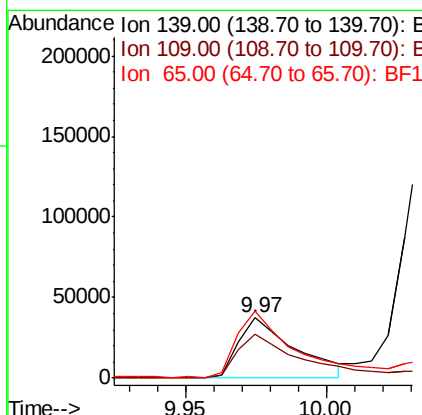
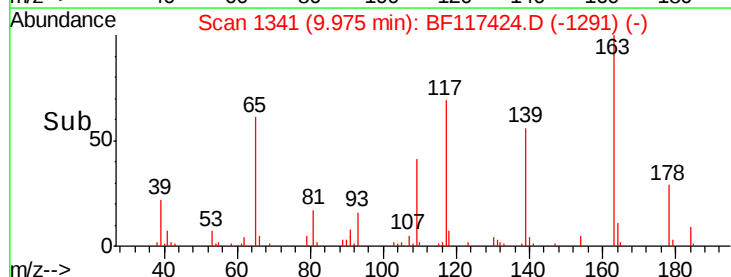
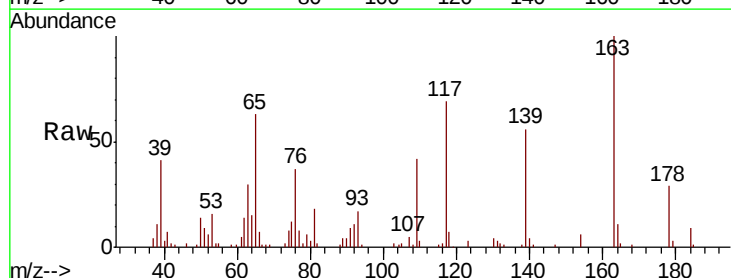
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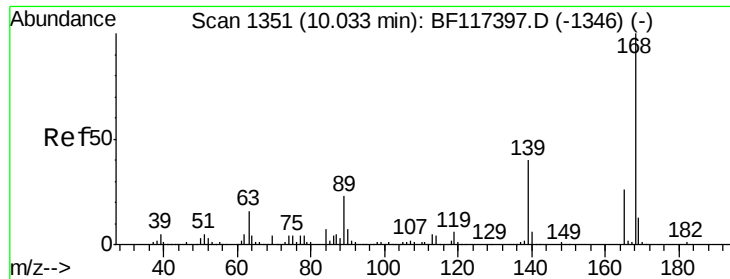
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#56
4-Nitrophenol
Concen: 69.505 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.3	43.8	83.8
65	111.8	73.9	113.9





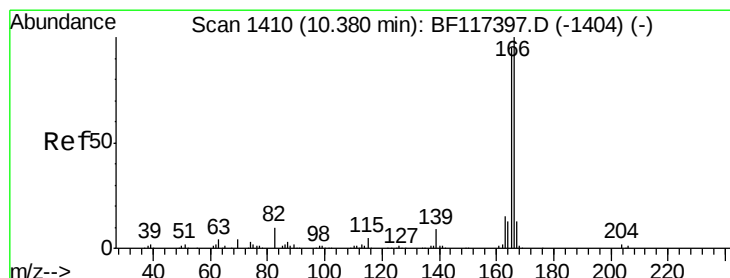
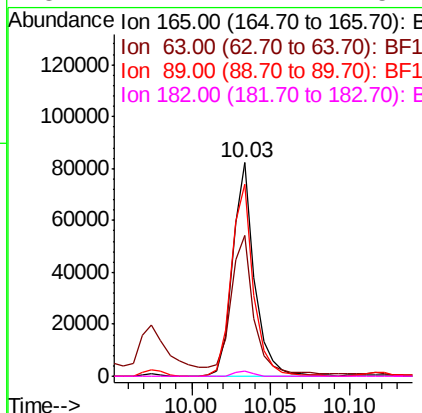
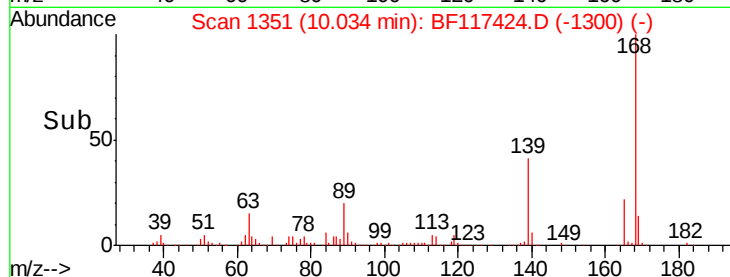
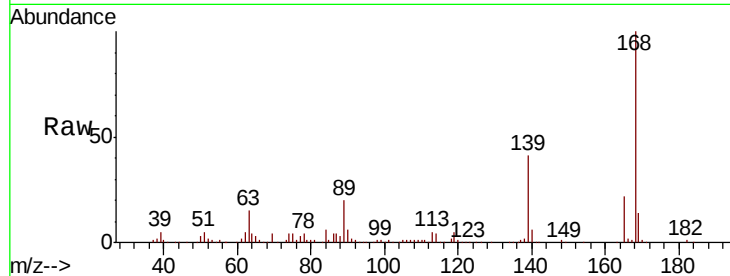
#57
 2,4-Dinitrotoluene
 Concen: 43.393 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB124065BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.7	51.0	76.4
89	89.9	70.7	106.1
182	2.4	2.1	3.1

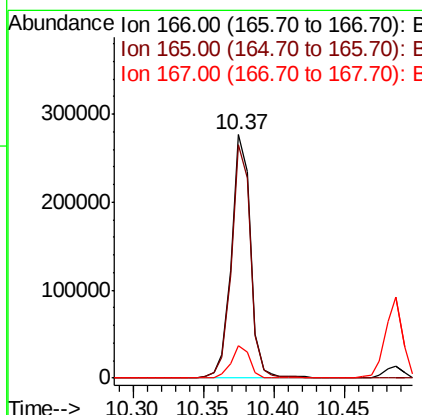
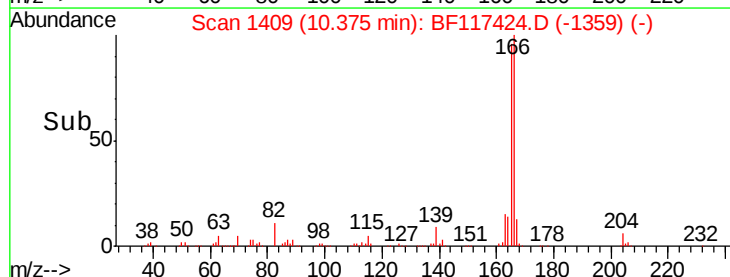
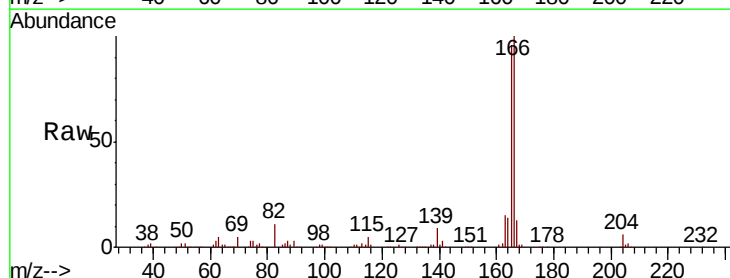
Manual Integrations
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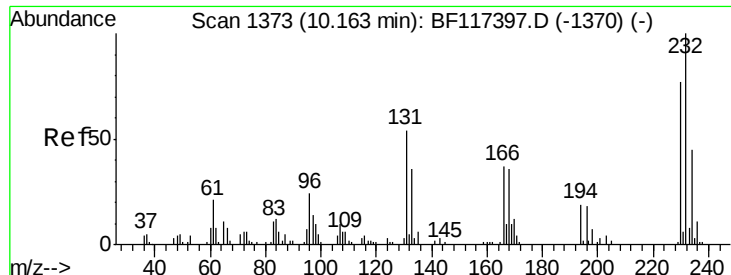
mohammad
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#58
 Fluorene
 Concen: 41.934 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	75.7	113.5
167	13.2	10.4	15.6





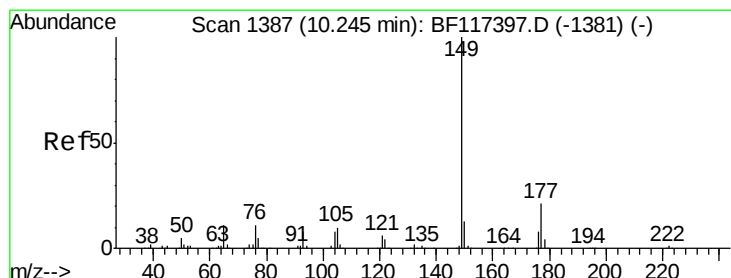
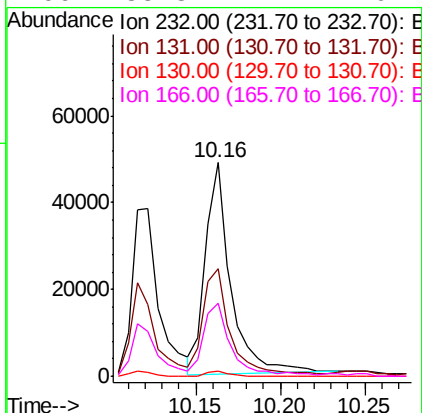
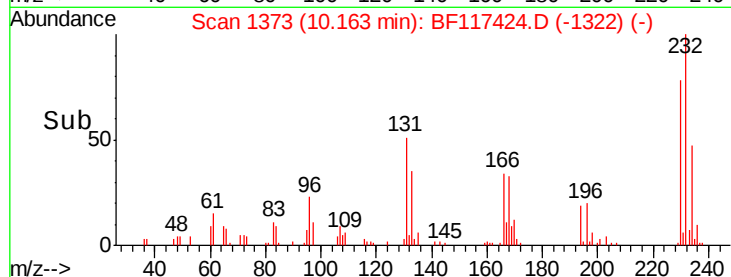
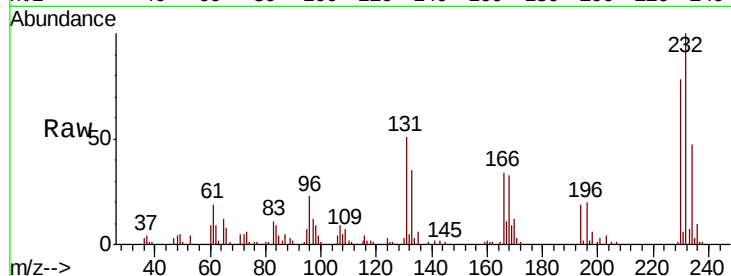
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.677 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	57.6	44.5	66.7
130	2.3	2.0	3.0
166	35.8	27.1	40.7

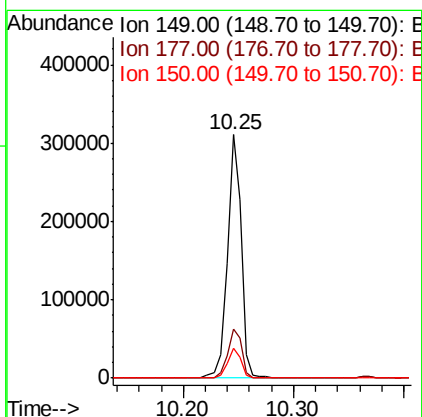
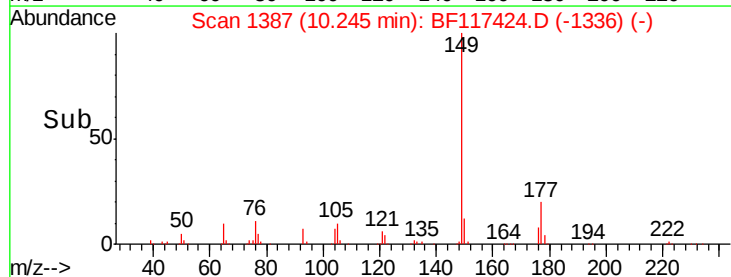
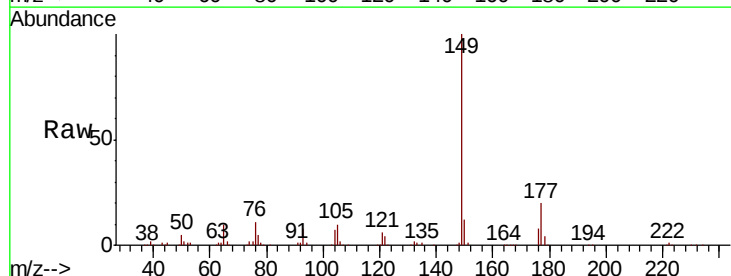
Manual Integrations
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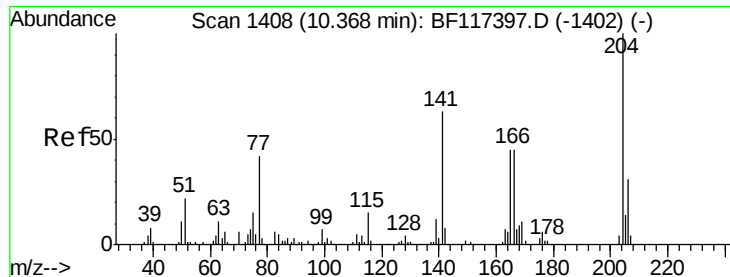
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#60
Diethylphthalate
Concen: 41.305 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.0	16.5	24.7
150	12.3	10.1	15.1





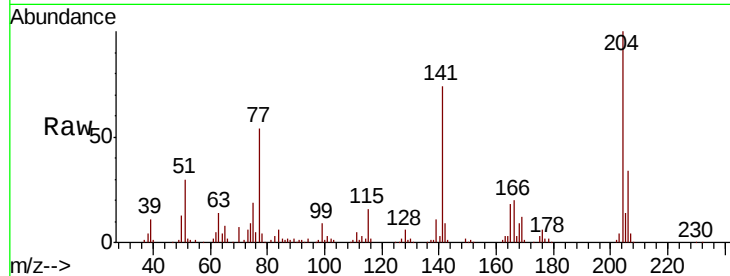
#61
4-Chlorophenyl-phenylether
Concen: 41.397 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.0	37.4
141	74.3	50.7	76.1

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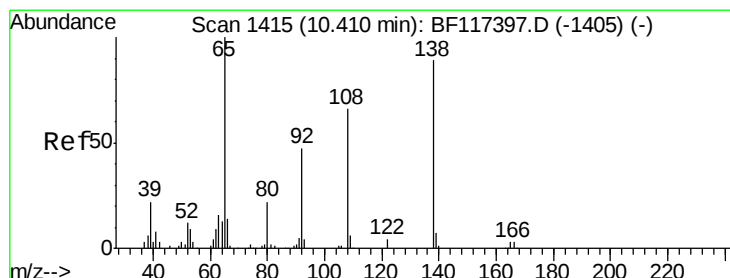
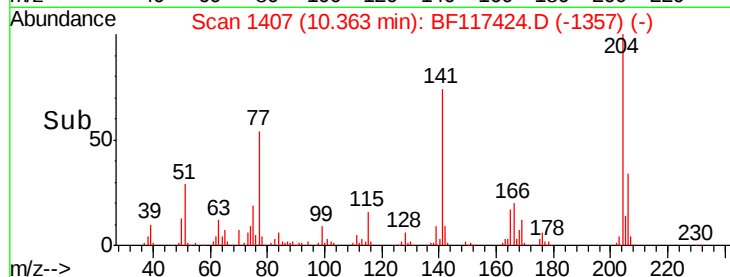
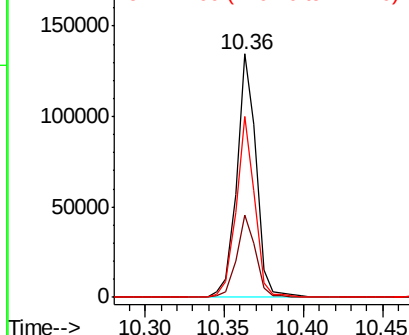


Abundance

Ion 204.00 (203.70 to 204.70): E

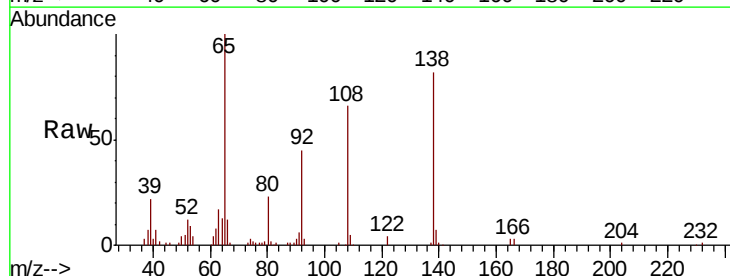
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.279 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.7	32.4	72.4
108	79.9	53.8	93.8

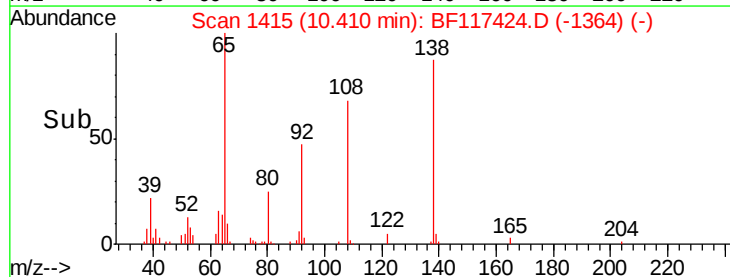
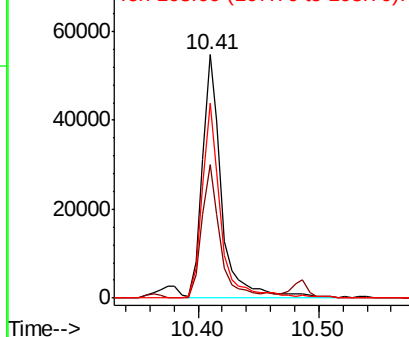


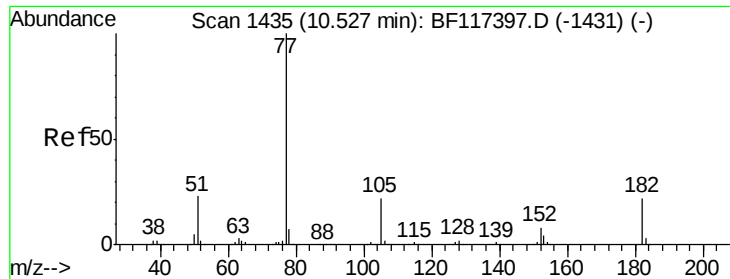
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





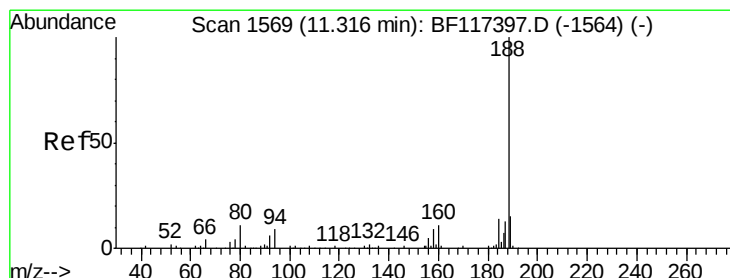
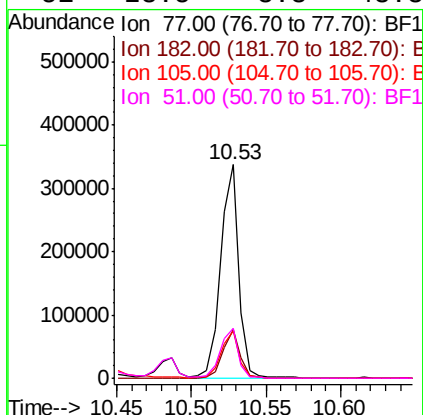
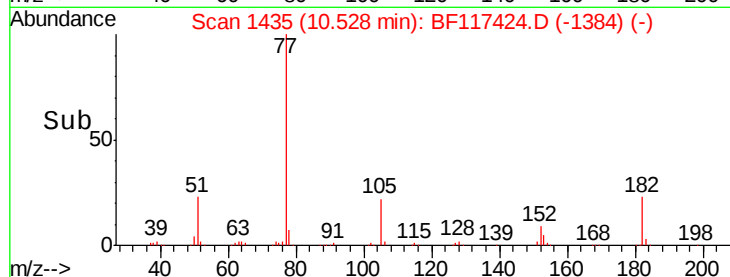
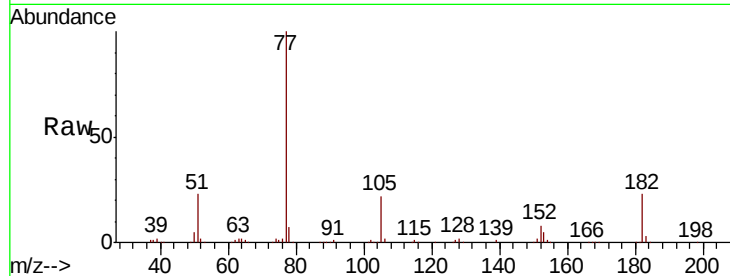
#63
Azobenzene
Concen: 42.567 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		286903		
182	22.9	1.5	41.5		
105	22.3	1.8	41.8		
51	23.5	3.3	43.3		

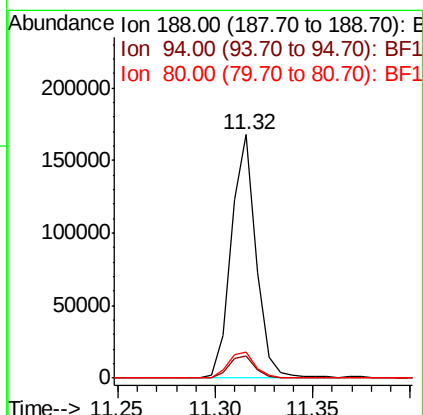
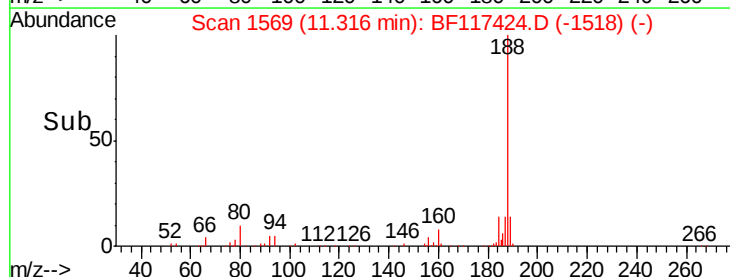
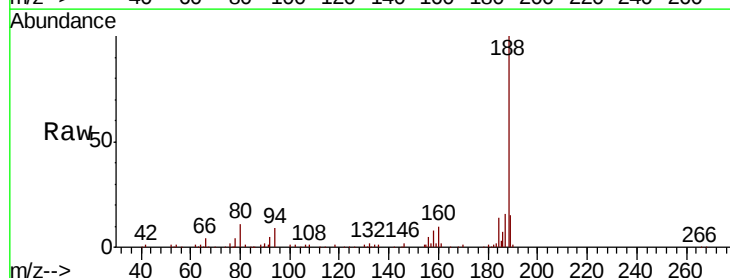
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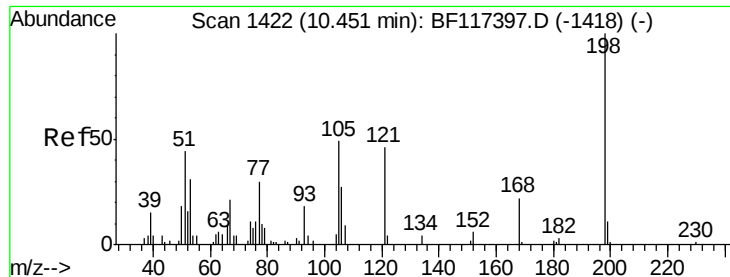
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		148232		
94	9.2	7.5	11.3		
80	10.8	8.7	13.1		





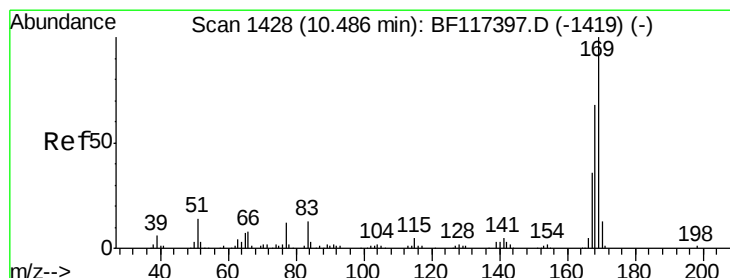
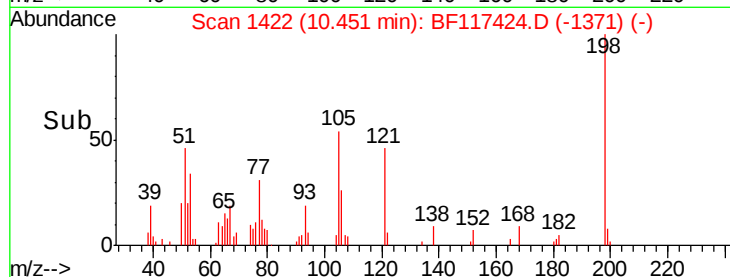
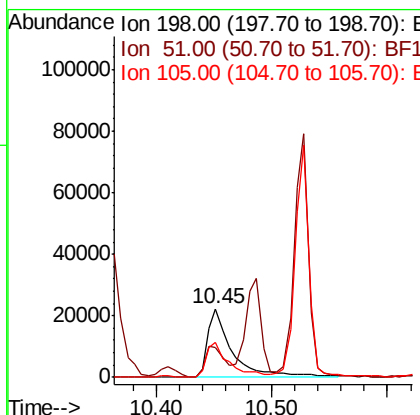
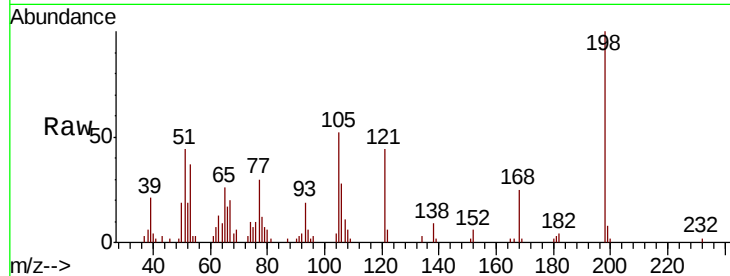
#65
4,6-Dinitro-2-methylphenol
Concen: 42.410 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	33031		
51	44.3	25.9	65.9	
105	51.5	29.4	69.4	

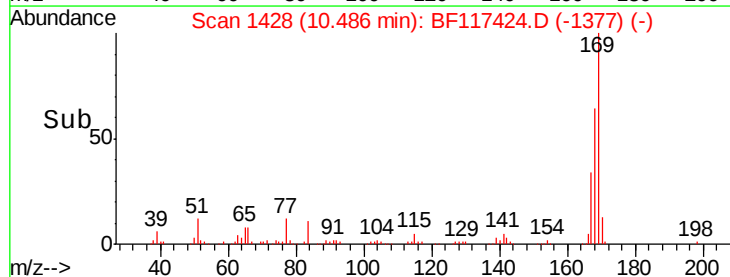
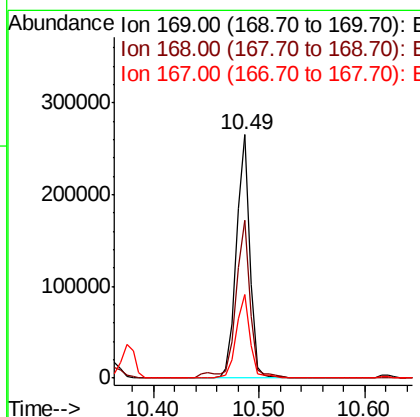
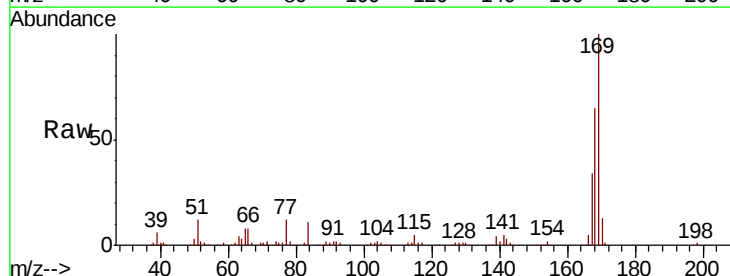
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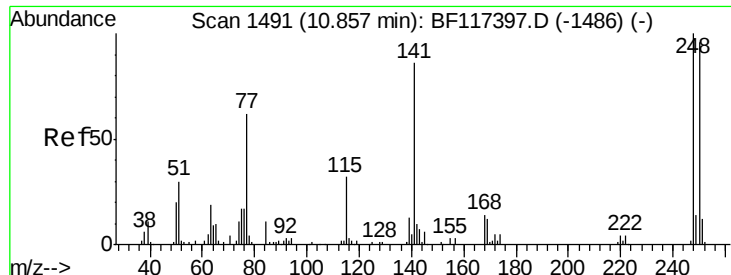
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#66
n-Nitrosodiphenylamine
Concen: 41.328 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	228852		
168	65.0	54.1	81.1	
167	34.5	28.8	43.2	





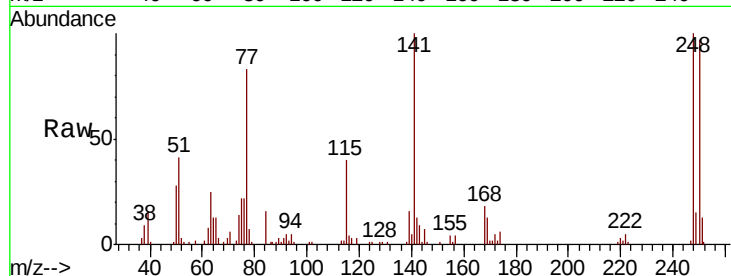
#67
 4-Bromophenyl-phenylether
 Concen: 38.933 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB124065BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.1	115.7
141	99.6	69.1	103.7

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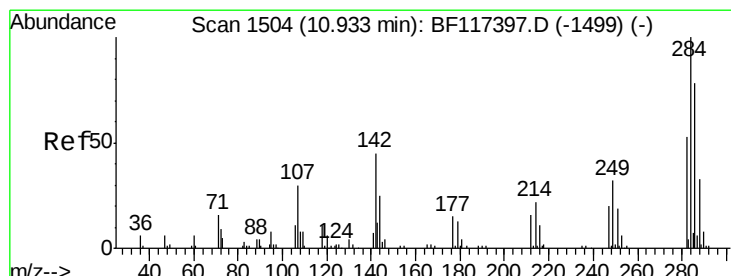
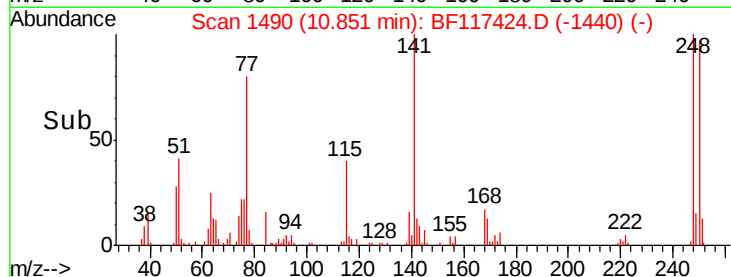
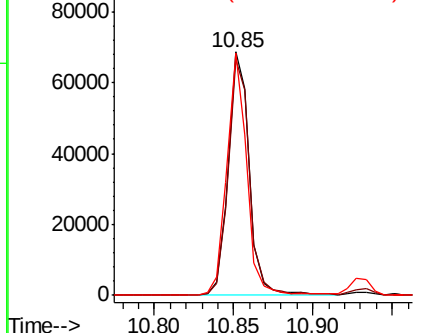


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.506 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

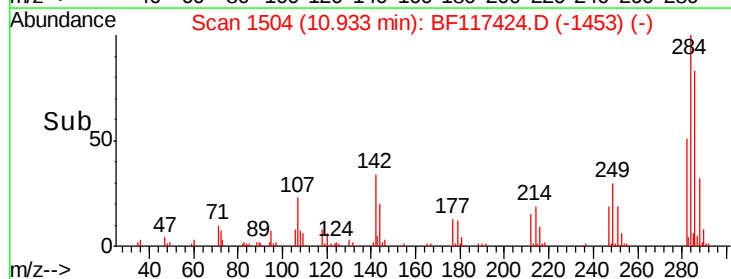
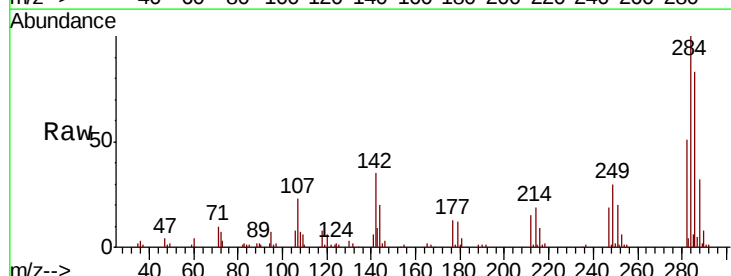
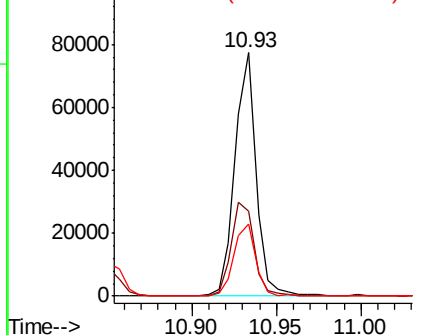
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	35.7	53.5#
249	29.7	25.8	38.6

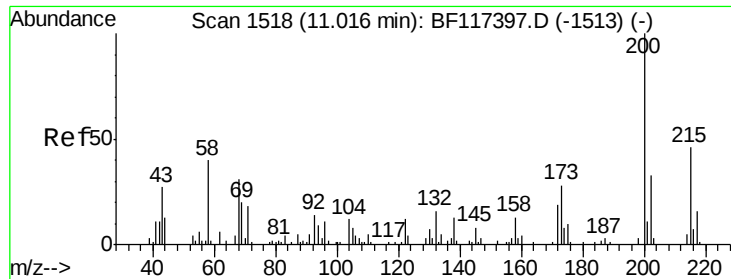
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





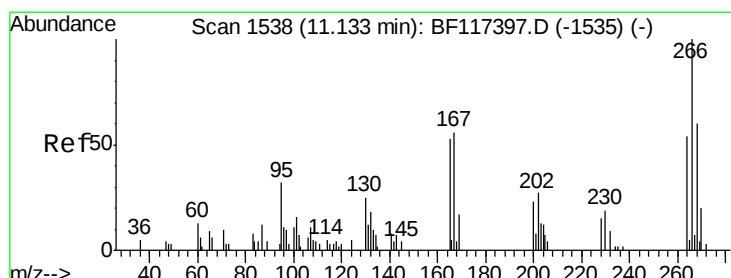
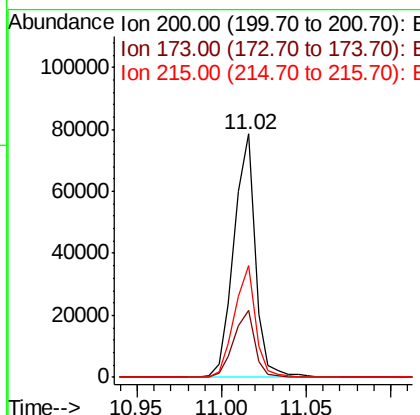
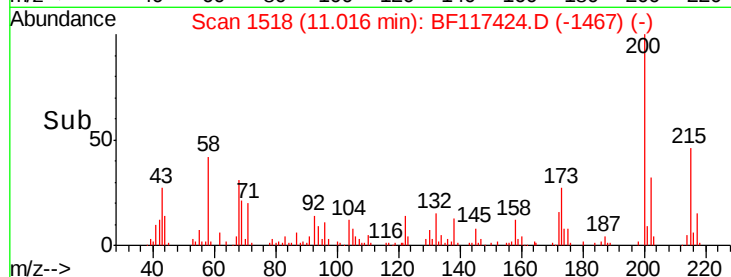
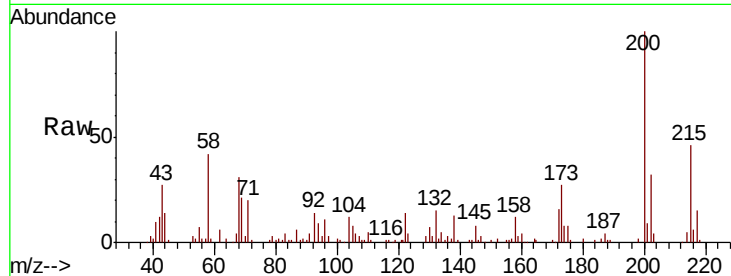
#69
Atrazine
Concen: 77.226 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampled :
PB124065BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.0	48.0
215	46.0	25.8	65.8

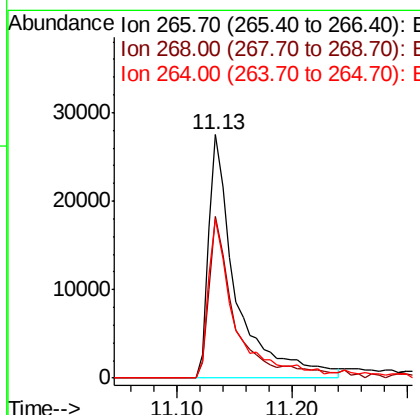
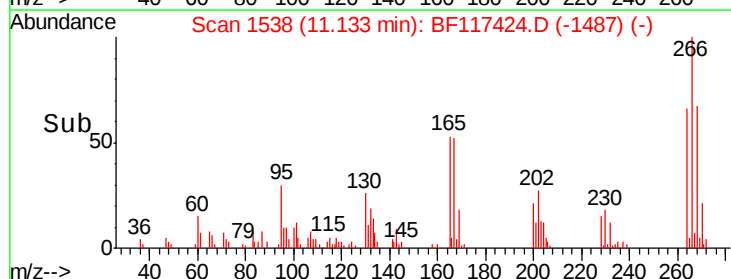
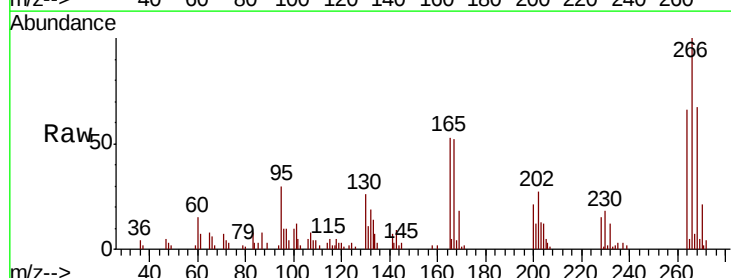
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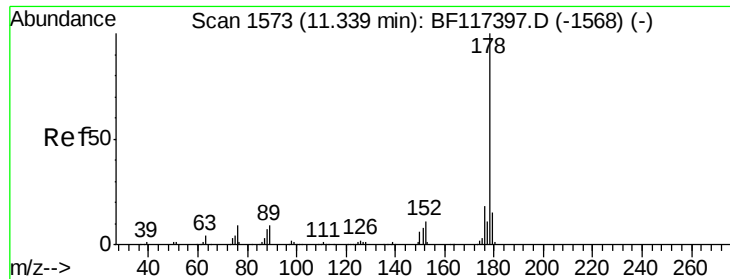
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#70
Pentachlorophenol
Concen: 87.540 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	47.8	71.6
264	65.6	42.9	64.3





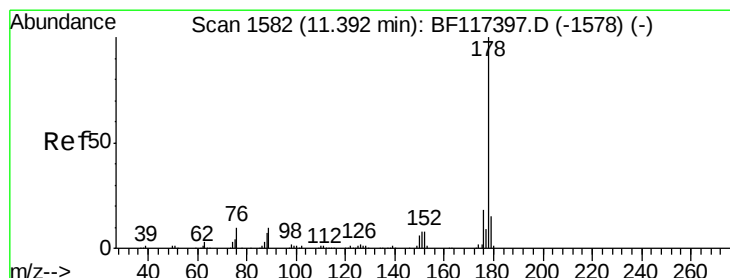
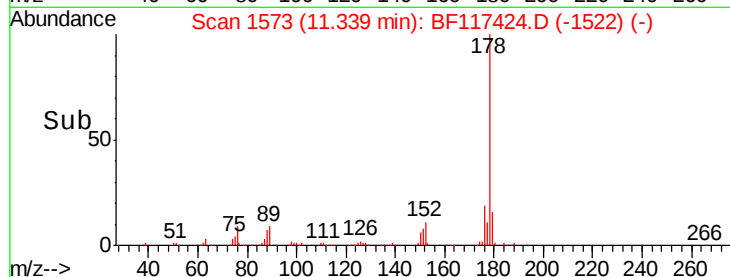
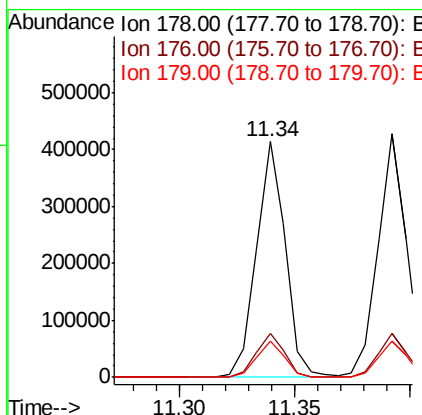
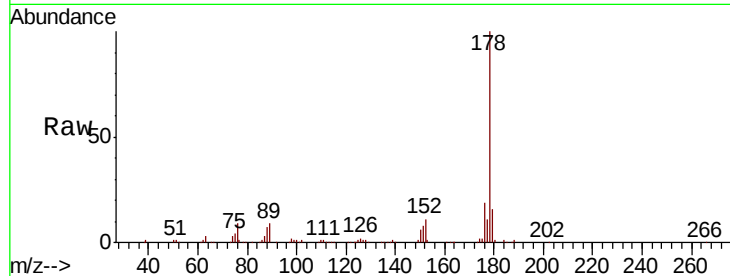
#71
Phenanthrene
Concen: 41.378 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.6	12.3	18.5

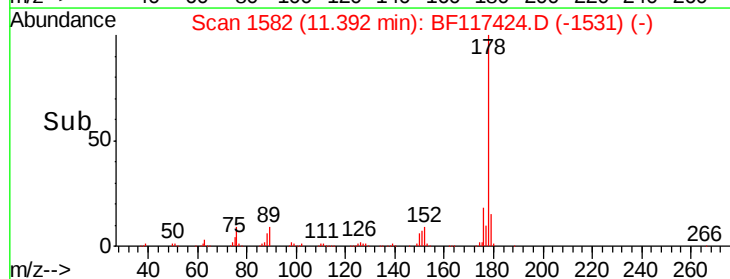
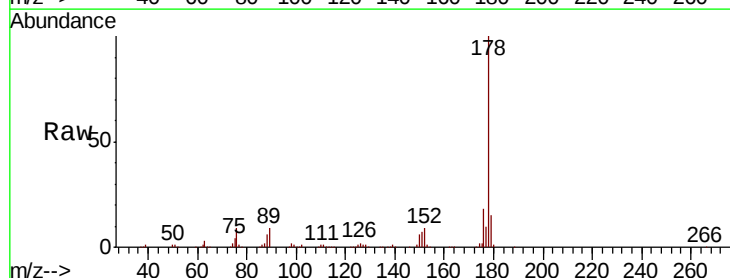
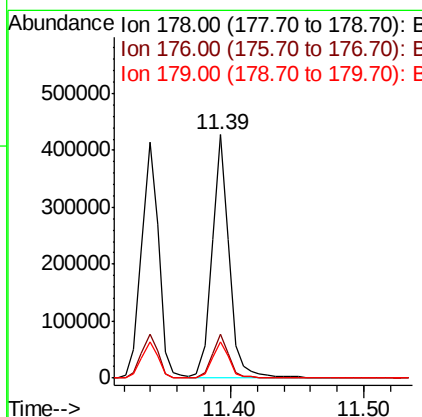
Manual Integrations
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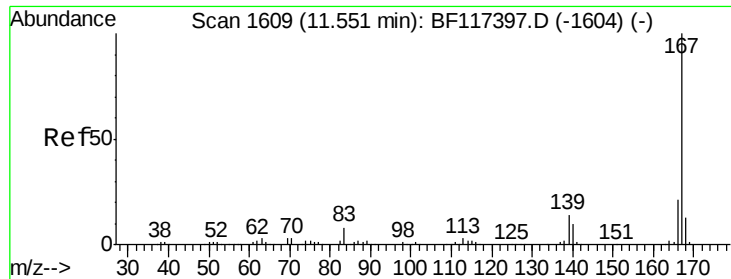
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#72
Anthracene
Concen: 42.476 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.1	12.1	18.1





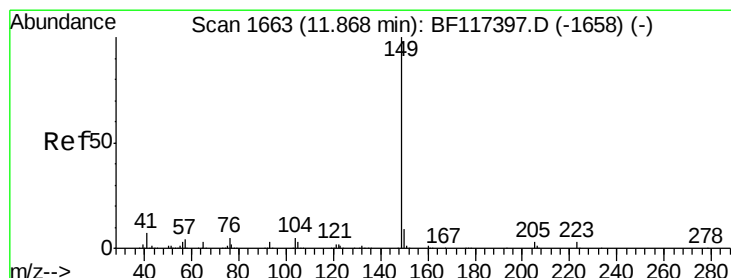
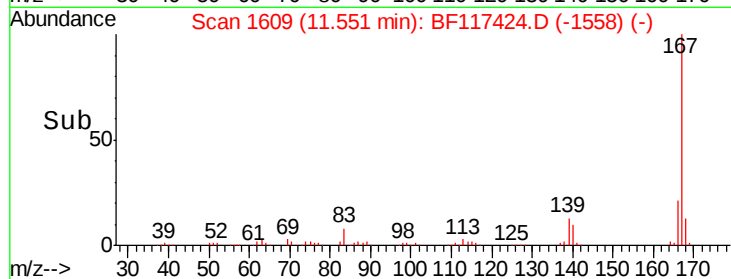
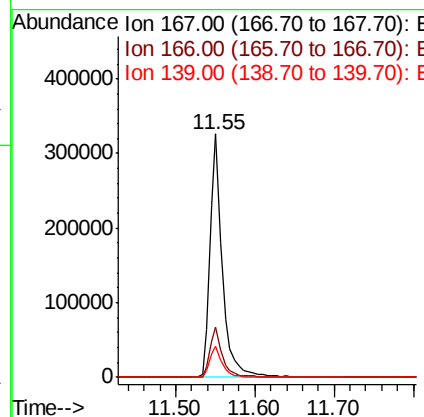
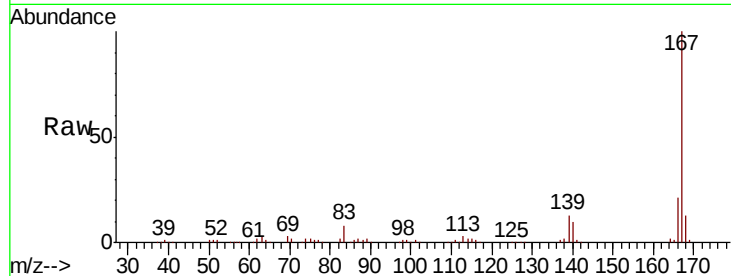
#73
 Carbazole
 Concen: 43.374 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB124065BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.4
139	12.8	10.8	16.2

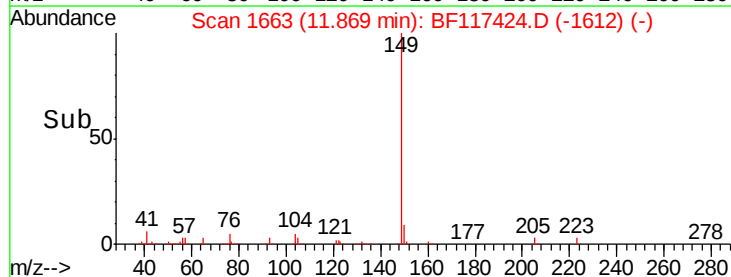
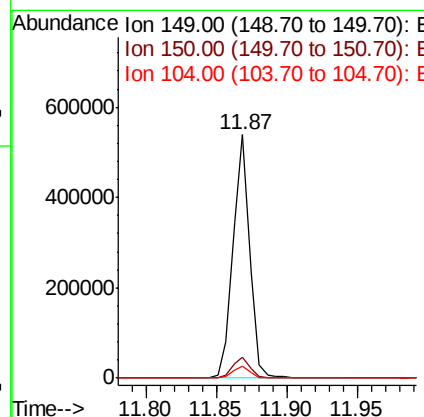
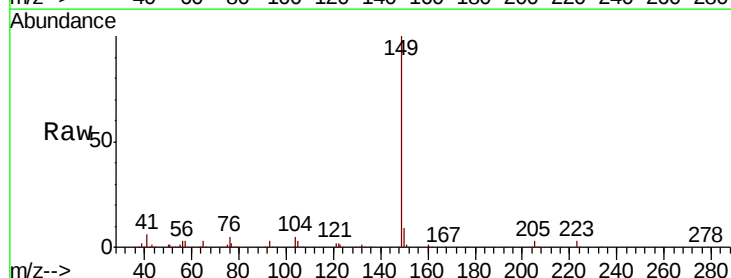
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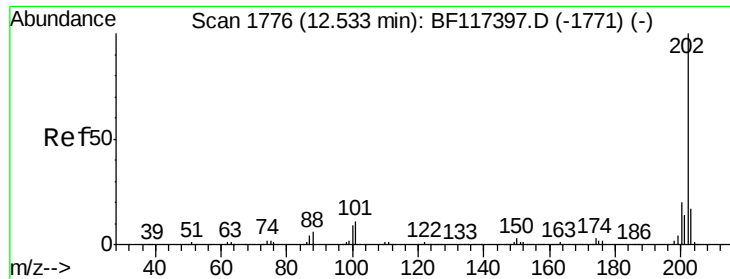
mohammad
 10/20/2019 8:11:44 PM



#74
 Di-n-butylphthalate
 Concen: 39.737 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.0	10.6
104	4.9	4.2	6.2





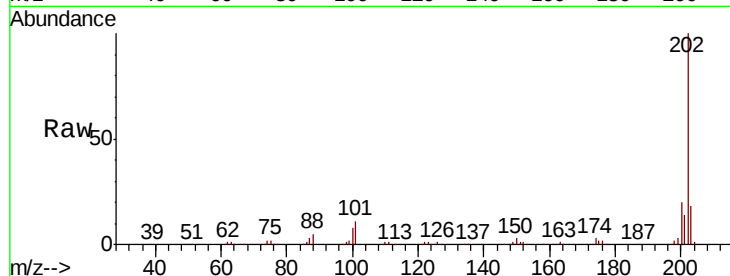
#75
 Fluoranthene
 Concen: 43.348 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB124065BS

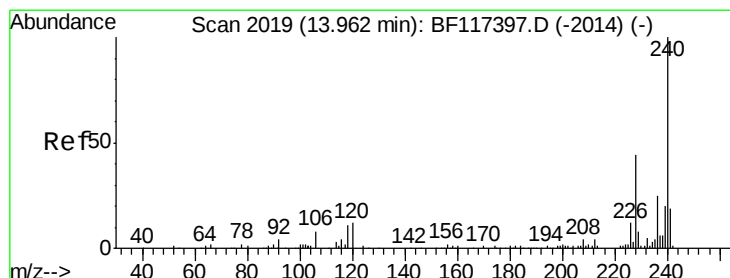
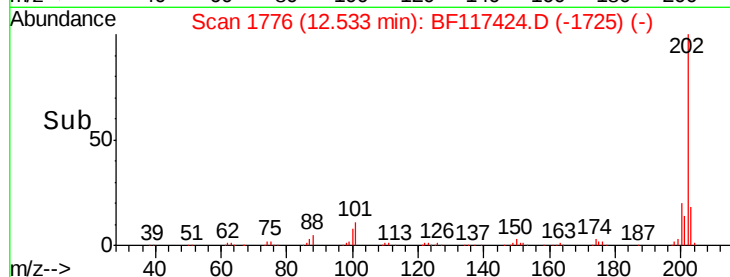
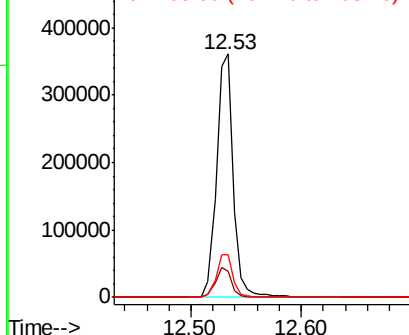
Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.5	0.0	31.3
203	17.7	0.0	36.9

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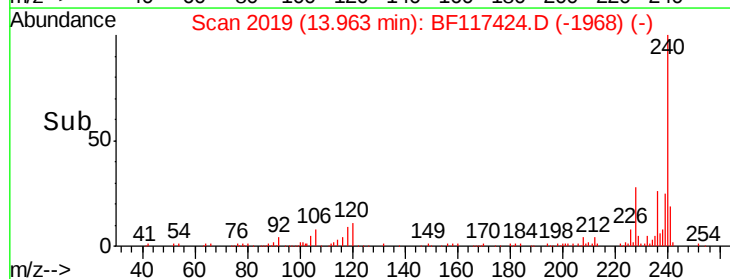
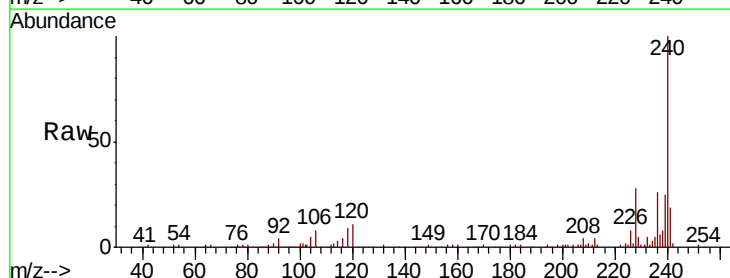
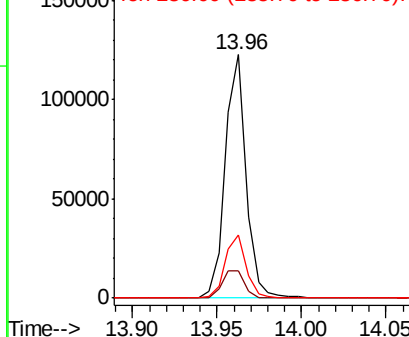
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

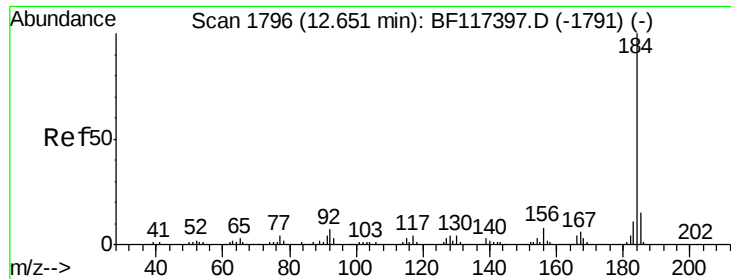


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.2	9.4	14.0
236	26.2	19.8	29.6

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





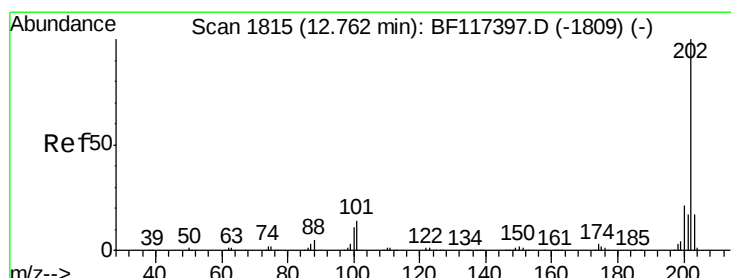
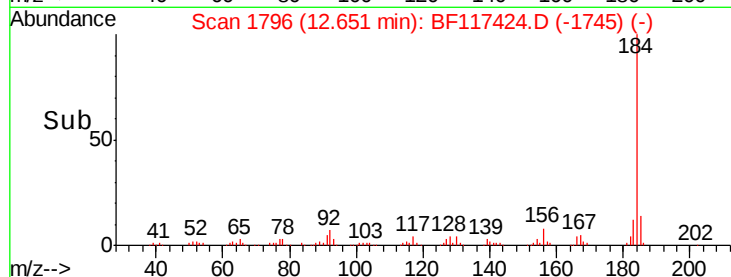
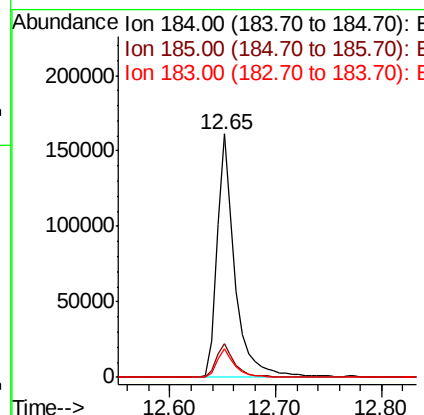
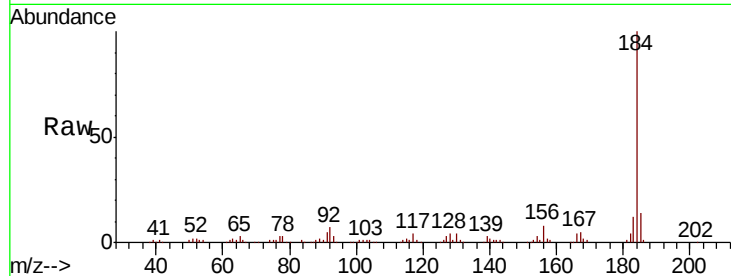
#77
Benzidine
Concen: 74.284 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.2	18.2
183	11.6	8.9	13.3

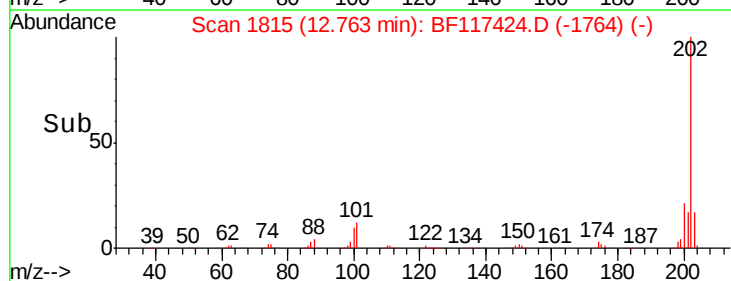
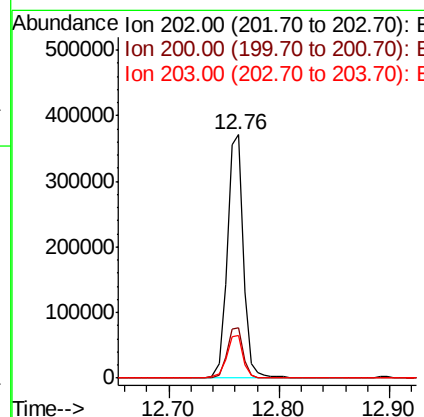
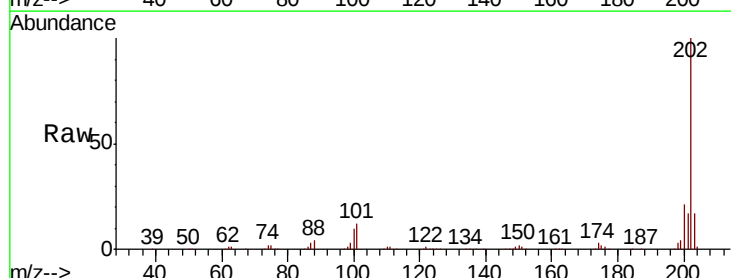
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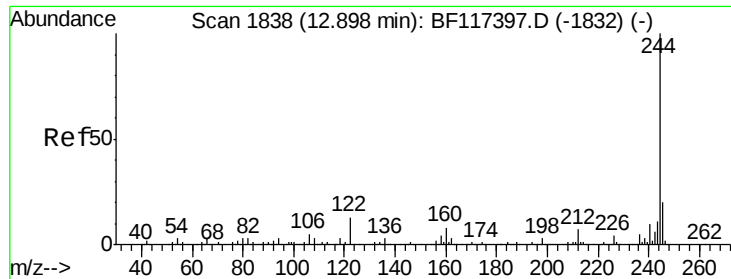
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#78
Pyrene
Concen: 40.796 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.8	25.2
203	17.4	14.0	21.0





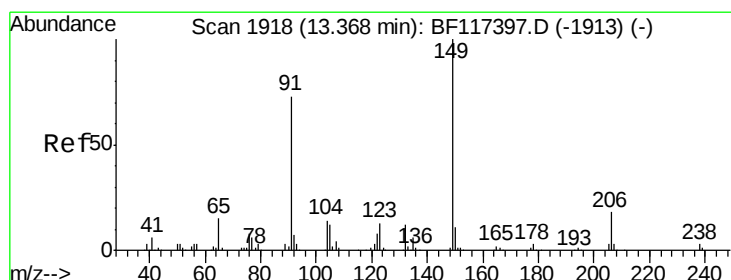
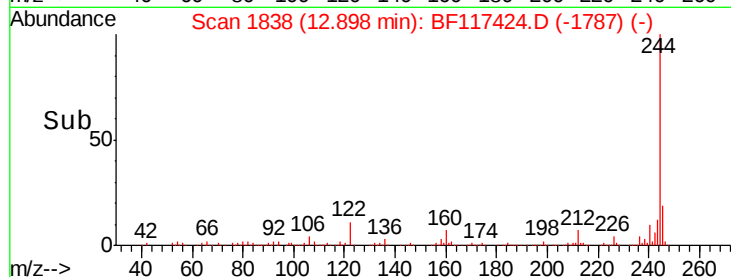
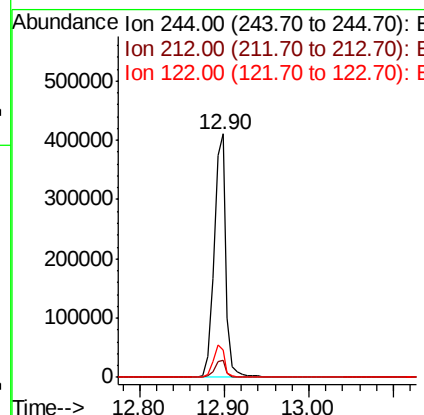
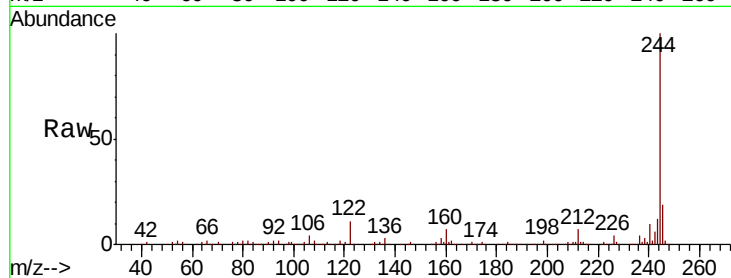
#79
 Terphenyl-d14
 Concen: 62.243 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Instrument :
 BNA_F
 ClientSampleID :
 PB124065BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.1	10.7	16.1

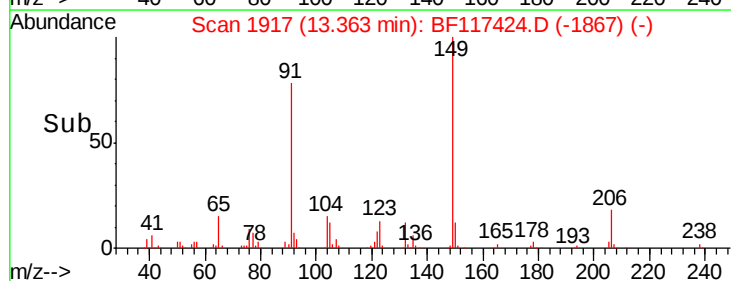
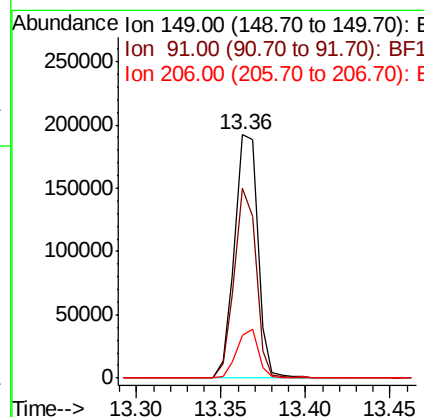
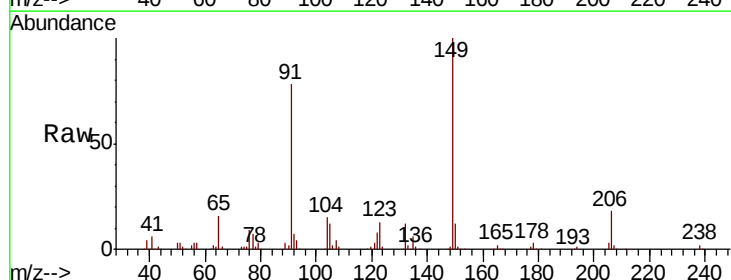
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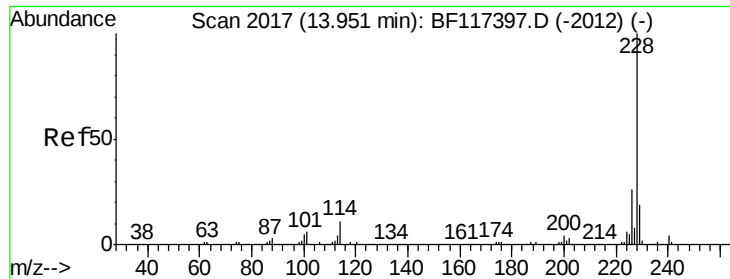
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#80
 Butylbenzylphthalate
 Concen: 39.622 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.0	58.5	87.7
206	17.5	14.4	21.6





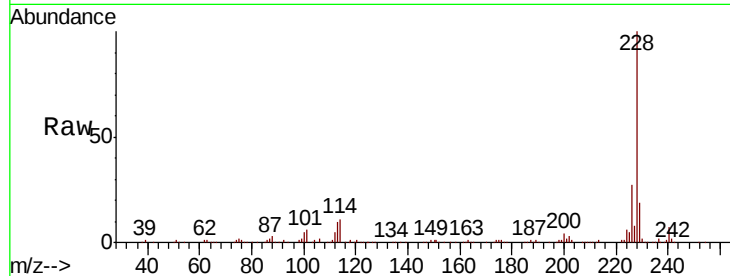
#81
Benzo(a)anthracene
Concen: 42.865 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	20.9	31.3
229	19.0	15.2	22.8

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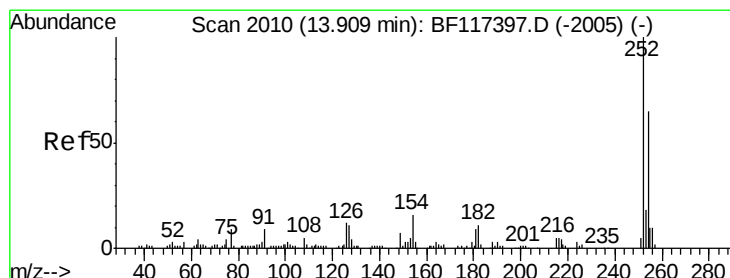
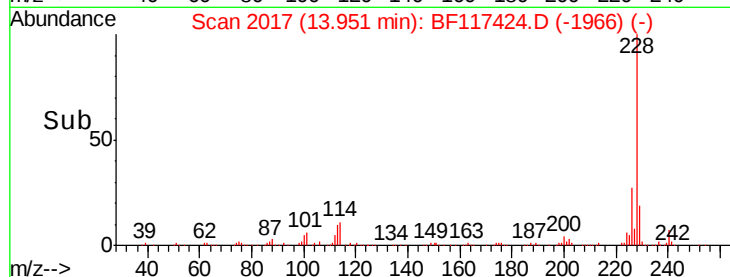
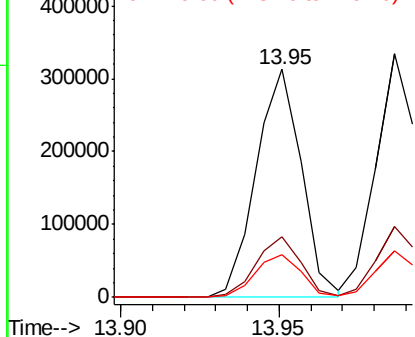


Abundance

Ion 228.00 (227.70 to 228.70): E

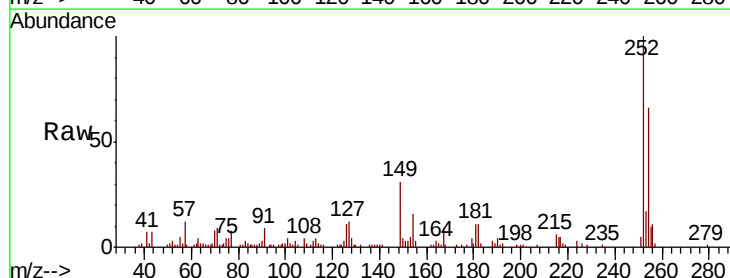
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 29.686 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.6	77.4
126	11.4	9.6	14.4

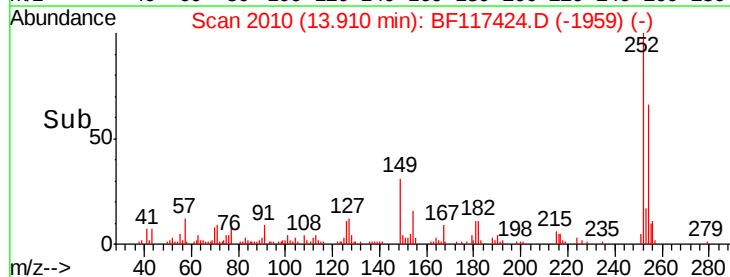
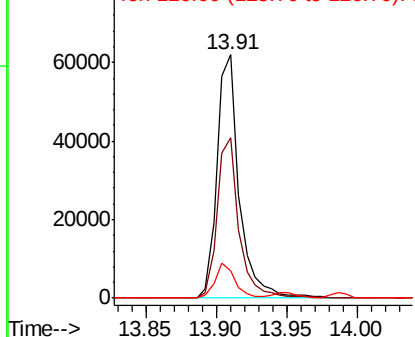


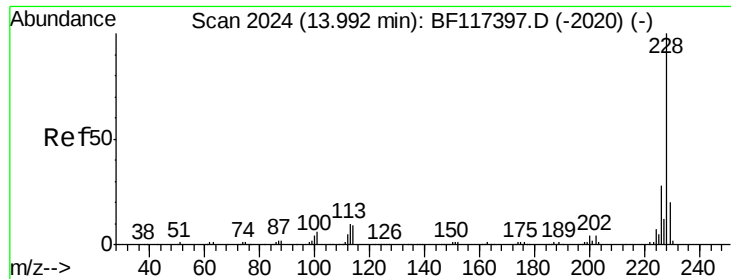
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





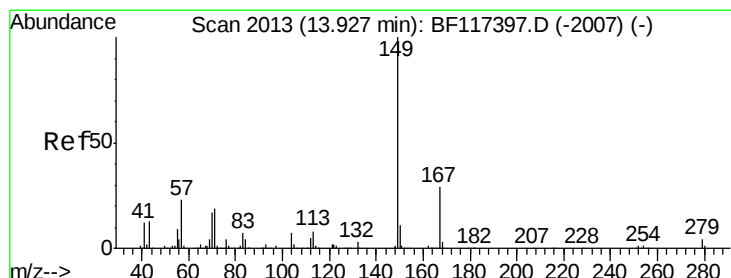
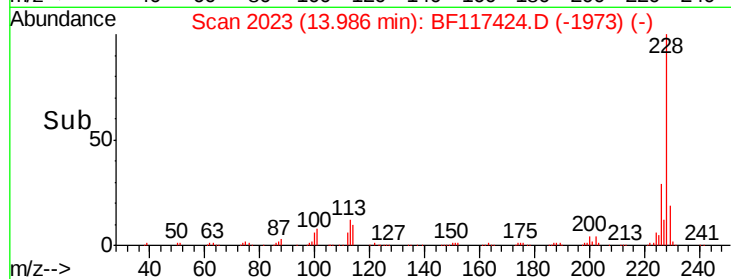
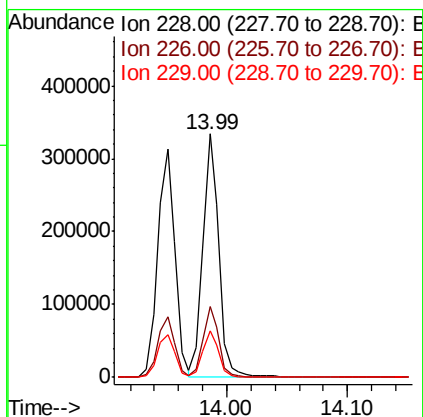
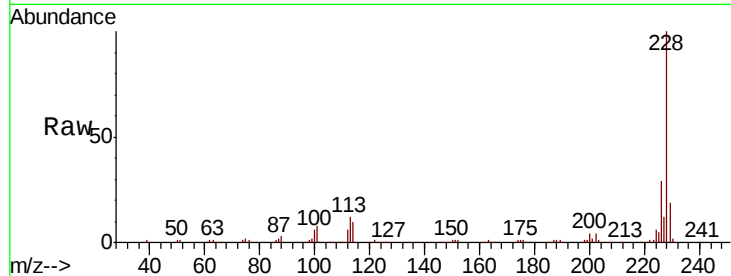
#83
 Chrysene
 Concen: 43.076 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB124065BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.8	34.2
229	19.1	15.7	23.5

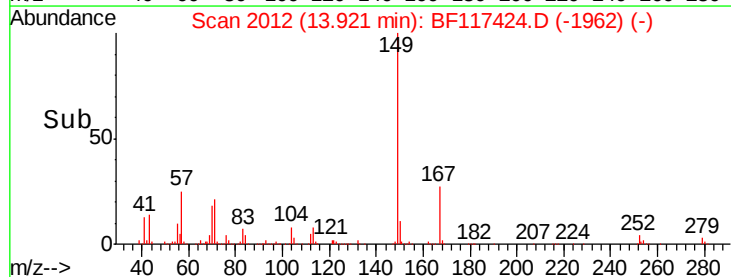
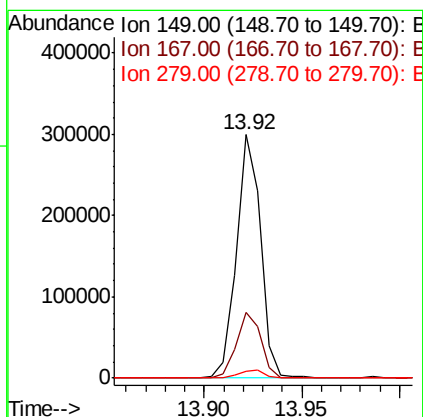
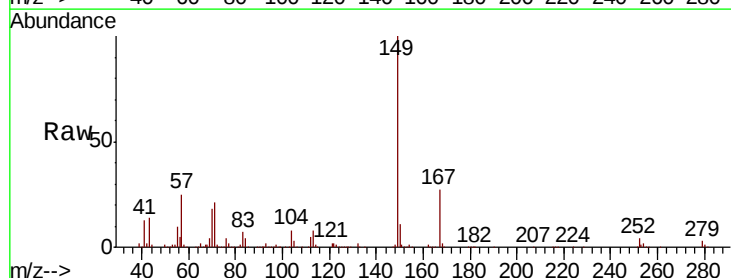
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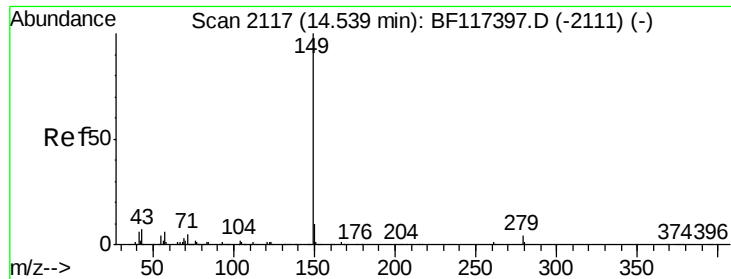
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.963 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF117424.D
 Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.0	34.6
279	2.9	3.0	4.6#





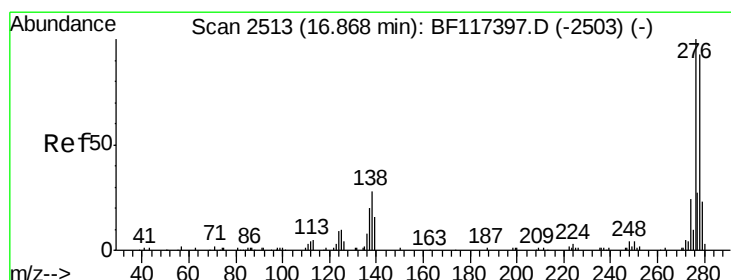
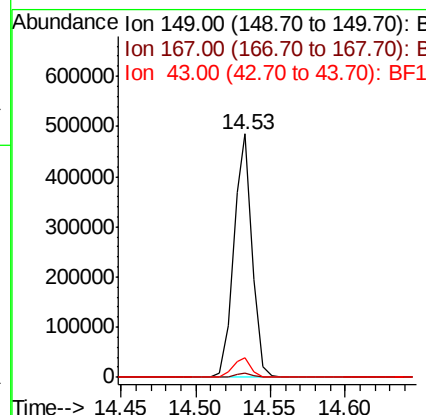
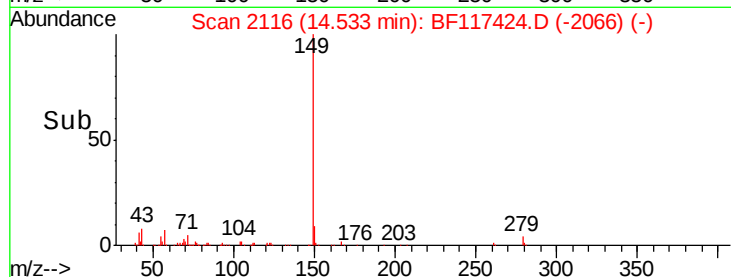
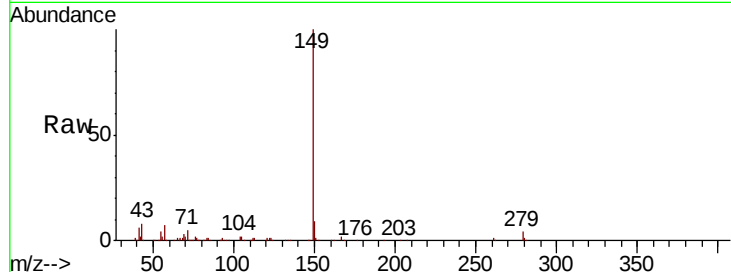
#85
Di-n-octyl phthalate
Concen: 41.934 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.1	1.7
43	8.3	6.6	9.8

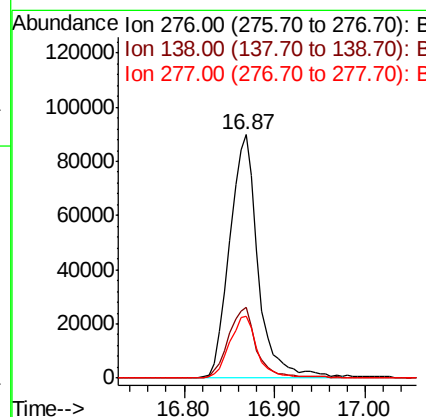
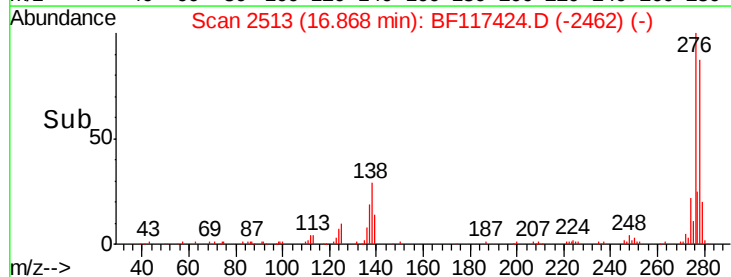
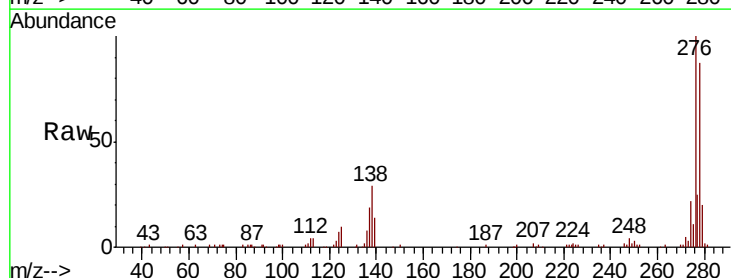
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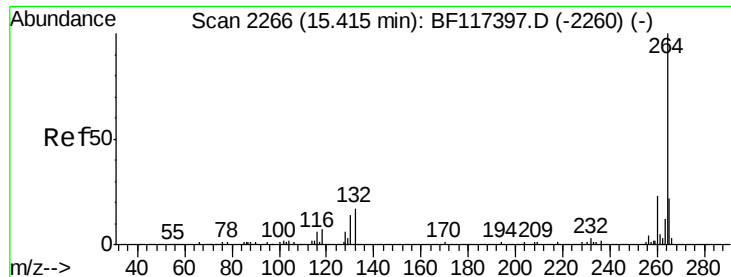
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.462 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	28.8	21.5	32.3
277	24.3	20.1	30.1





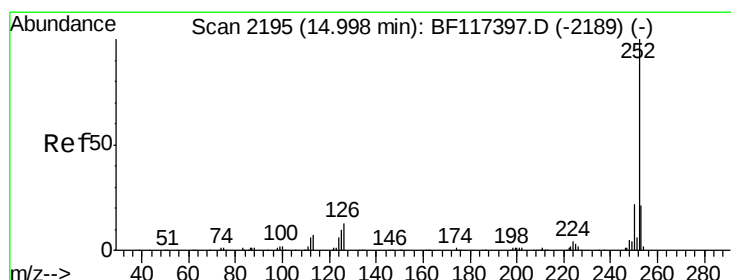
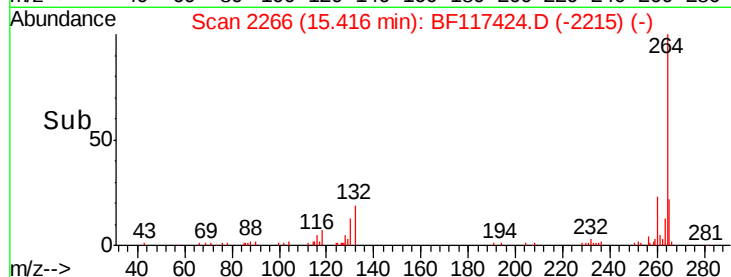
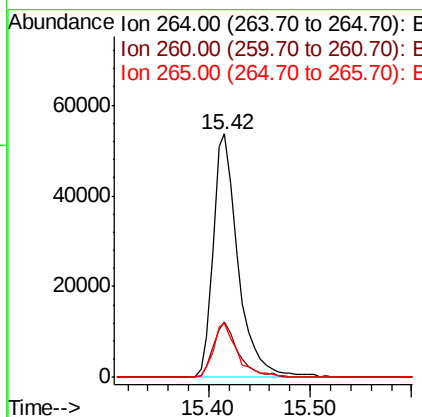
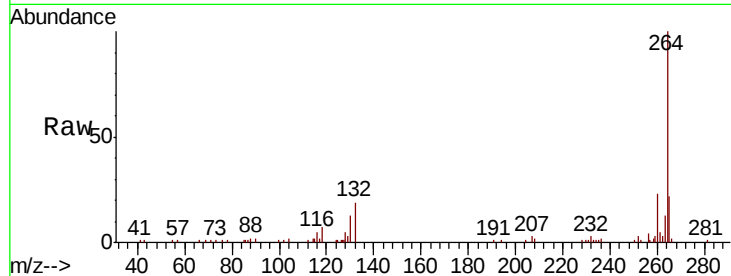
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.9	18.6	27.8	
265	22.2	17.4	26.0	

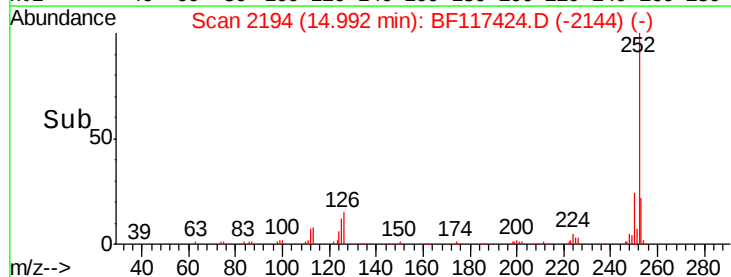
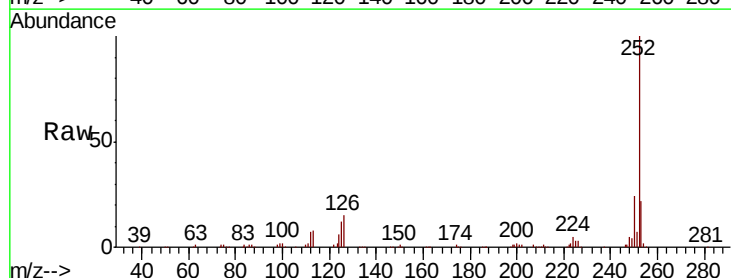
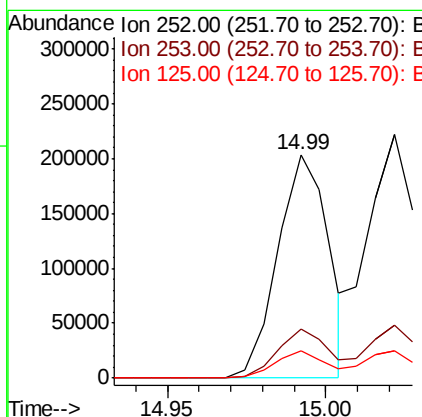
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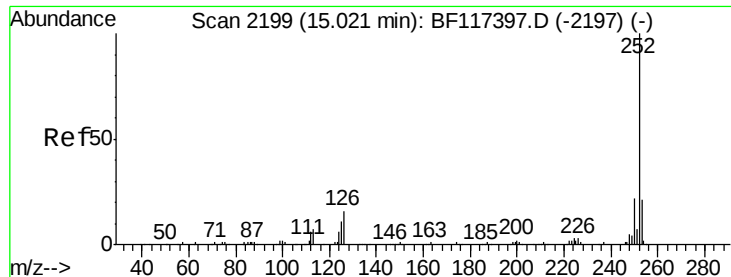
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.172 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.8	17.2	25.8	
125	11.9	8.2	12.2	





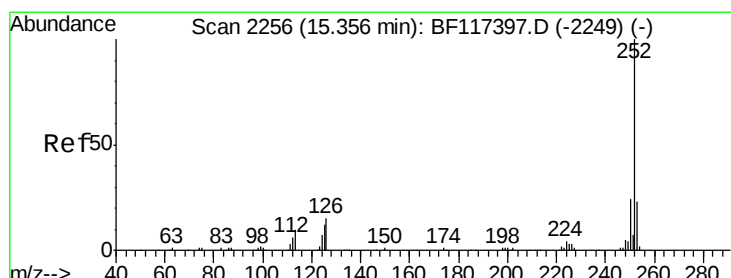
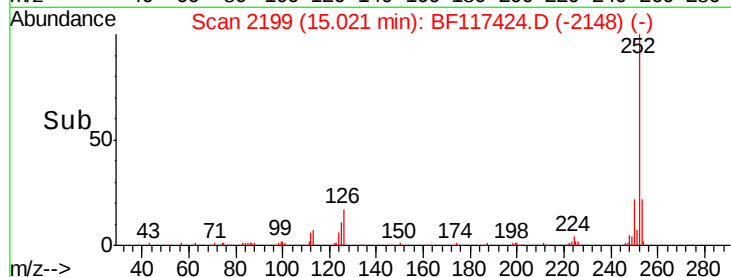
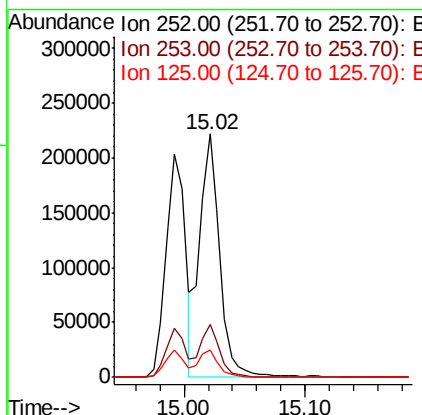
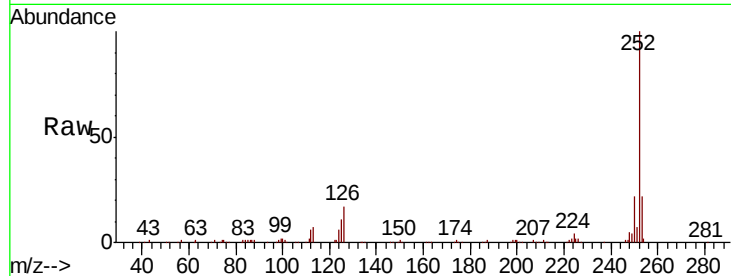
#89
Benzo(k)fluoranthene
Concen: 45.248 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.1	9.4	14.2

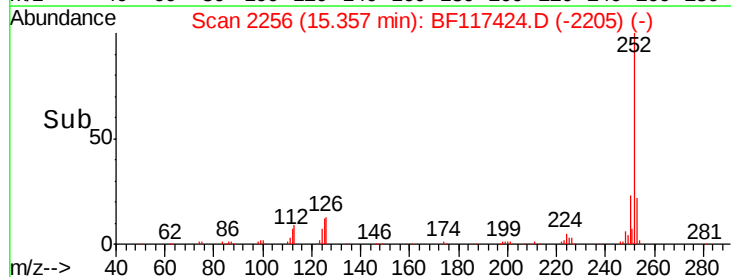
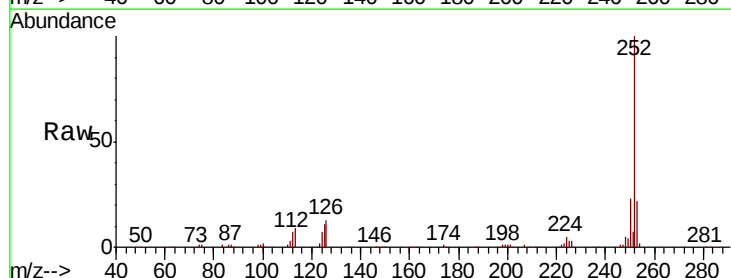
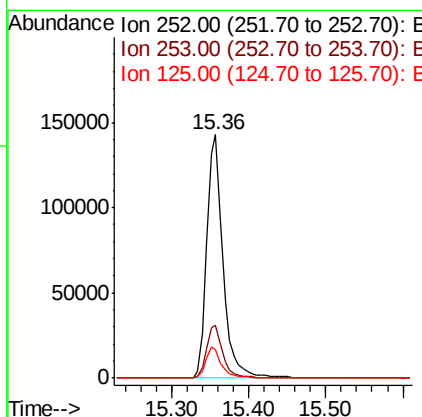
Manual Integrations
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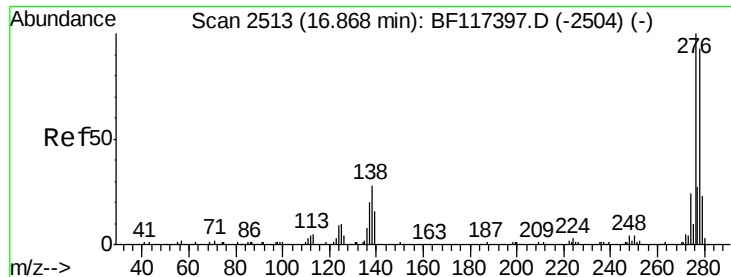
mohammad
10/20/2019 8:11:44 PM



#90
Benzo(a)pyrene
Concen: 41.050 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	11.5	9.4	14.0





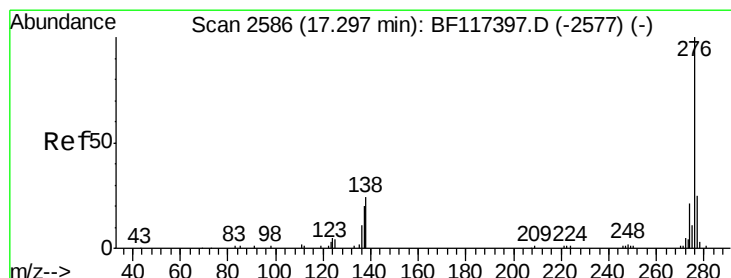
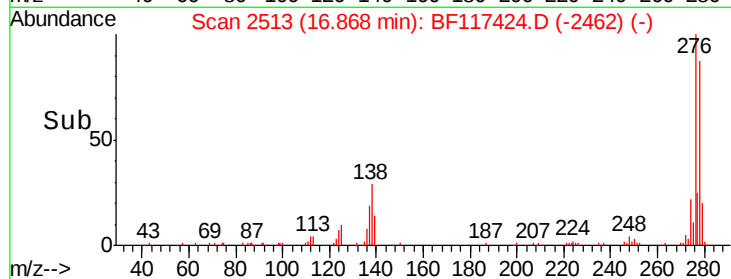
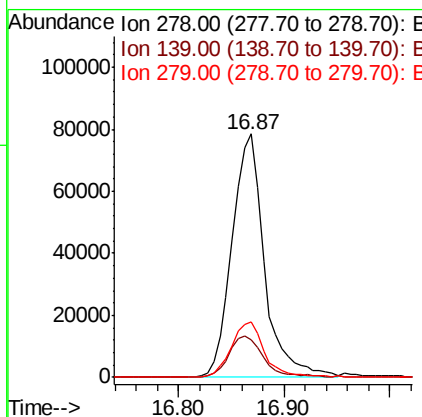
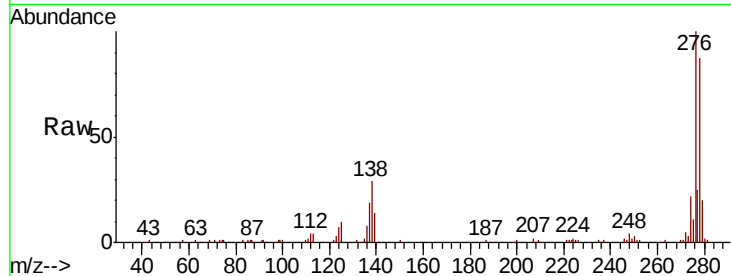
#91
Dibenzo(a,h)anthracene
Concen: 38.602 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Tot Ion:	278	Resp:	166620
Ion Ratio	Lower	Upper	
278	100		
139	15.5	14.1	21.1
279	22.8	19.8	29.6

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 38.282 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF117424.D
Acq: 17 Oct 2019 16:10

Tgt Ion:	276	Resp:	157290
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.9	29.9
138	25.7	19.3	28.9

