

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117829.D
 Acq On : 18 Nov 2019 12:26
 Operator : JU
 Sample : PB124881BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124881BSD

Manual Integrations
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mohammad
 11/19/2019 2:35:26 PM

Quant Time: Nov 18 15:20:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	240380	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	977714	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	515211	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	969348	20.00	ng	0.00
76) Chrysene-d12	14.12	240	695227	20.00	ng	0.00
87) Perylene-d12	15.62	264	591035	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1673583	123.24	ng	0.01
7) Phenol-d6	6.55	99	2054265	125.42	ng	0.00
23) Nitrobenzene-d5	7.49	82	1093289	66.47	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	657529	120.55	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2117359	73.73	ng	0.00
79) Terphenyl-d14	13.05	244	2339126	61.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	261933	41.264	ng	99
3) Pyridine	3.58	79	642223	38.569	ng	99
4) n-Nitrosodimethylamine	3.53	42	323465	44.501	ng	99
6) Aniline	6.58	93	710799	32.839	ng	99
8) 2-Chlorophenol	6.71	128	695529	47.201	ng	97
9) Benzaldehyde	6.47	77	346909	30.490	ng	98
10) Phenol	6.56	94	804060	47.240	ng	100
11) bis(2-Chloroethyl)ether	6.66	93	619970	45.358	ng	97
12) 1,3-Dichlorobenzene	6.86	146	770011	44.386	ng	98
13) 1,4-Dichlorobenzene	6.94	146	785557	44.798	ng	99
14) 1,2-Dichlorobenzene	7.09	146	740268	44.141	ng	100
15) Benzyl Alcohol	7.06	79	616640	48.762	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	889138	42.251	ng	99
17) 2-Methylphenol	7.17	107	587350	47.068	ng	98
18) Hexachloroethane	7.44	117	287250	44.592	ng	93
19) n-Nitroso-di-n-propylamine	7.33	70	457507	45.276	ng	99
20) 3+4-Methylphenols	7.32	107	722466	46.640	ng	# 86
22) Acetophenone	7.33	105	942516	42.907	ng	98
24) Nitrobenzene	7.50	77	741009	43.673	ng	100
25) Isophorone	7.75	82	1286146	42.665	ng	99
26) 2-Nitrophenol	7.82	139	392134	47.482	ng	99
27) 2,4-Dimethylphenol	7.85	122	660114	51.440	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	777365	40.637	ng	99
29) 2,4-Dichlorophenol	8.06	162	604292	43.412	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	662991	41.062	ng	99
31) Naphthalene	8.23	128	2016887	44.249	ng	99
32) Benzoic acid	7.97	122	502237	46.742	ng	98
33) 4-Chloroaniline	8.27	127	469081	22.988	ng	98
34) Hexachlorobutadiene	8.35	225	372322	39.440	ng	99
35) Caprolactam	8.64	113	197176m	44.570	ng	
36) 4-Chloro-3-methylphenol	8.76	107	629711	44.576	ng	100
37) 2-Methylnaphthalene	8.93	142	1369902	44.482	ng	98
38) 1-Methylnaphthalene	9.03	142	1294274	44.453	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	605131	40.444	ng	99

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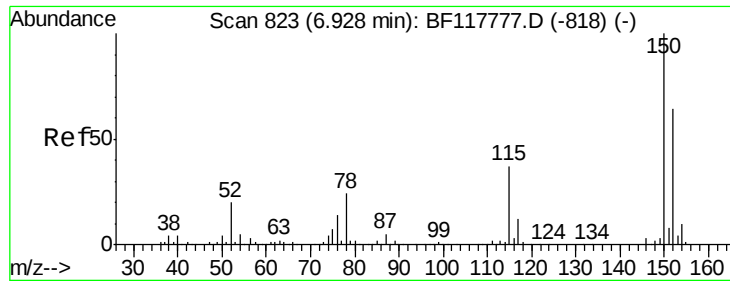
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	724624	86.421	nq	99
43) 2,4,6-Trichlorophenol	9.20	196	453637	42.329	nq	98
44) 2,4,5-Trichlorophenol	9.24	196	477518	42.915	nq	98
46) 1,1'-Biphenyl	9.39	154	1622814	42.455	nq	98
47) 2-Chloronaphthalene	9.42	162	1296018	41.215	nq	99
48) 2-Nitroaniline	9.51	65	401762	42.320	nq	94
49) Acenaphthylene	9.83	152	2023612	44.140	nq	100
50) Dimethylphthalate	9.69	163	1483561	41.063	nq	99
51) 2,6-Dinitrotoluene	9.75	165	351211	44.479	nq	91
52) Acenaphthene	10.01	154	1371711	46.707	nq	97
53) 3-Nitroaniline	9.92	138	266369	28.192	nq	93
54) 2,4-Dinitrophenol	10.03	184	347169	85.067	nq	98
55) Dibenzofuran	10.18	168	1774437	43.632	nq	99
56) 4-Nitrophenol	10.08	139	647993	91.881	nq	92
57) 2,4-Dinitrotoluene	10.16	165	463866	46.182	nq	96
58) Fluorene	10.52	166	1341366	42.563	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	398412	43.578	nq	100
60) Diethylphthalate	10.39	149	1436133	40.772	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	667321	41.725	nq	96
62) 4-Nitroaniline	10.54	138	376384	39.786	nq	98
63) Azobenzene	10.67	77	1356199	42.322	nq	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	235505	52.042	nq	83
66) n-Nitrosodiphenylamine	10.63	169	1217038	43.141	nq	99
67) 4-Bromophenyl-phenylether	11.00	248	425978	40.728	nq	94
68) Hexachlorobenzene	11.07	284	493951	40.502	nq	96
69) Atrazine	11.16	200	421764	45.449	nq	99
70) Pentachlorophenol	11.27	266	601067	84.358	nq	99
71) Phenanthrene	11.49	178	2054360	42.153	nq	100
72) Anthracene	11.55	178	2110193	43.671	nq	99
73) Carbazole	11.69	167	1904418	45.102	nq	99
74) Di-n-butylphthalate	12.03	149	2116062	40.250	nq	99
75) Fluoranthene	12.68	202	2140776	48.887	nq	97
77) Benzidine	12.80	184	490629	21.545	nq	98
78) Pyrene	12.92	202	2177384	38.754	nq	99
80) Butylbenzylphthalate	13.53	149	922974	38.248	nq	94
81) Benzo(a)anthracene	14.10	228	1873378	40.777	nq	99
82) 3,3'-Dichlorobenzidine	14.06	252	575574	35.816	nq	98
83) Chrysene	14.14	228	1805839	40.565	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1167111	39.893	nq	100
85) Di-n-octyl phthalate	14.71	149	1896272	44.120	nq	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1529942	40.380	nq	100
88) Benzo(b)fluoranthene	15.17	252	1726657	44.965	nq	99
89) Benzo(k)fluoranthene	15.21	252	1572687	43.467	nq	98
90) Benzo(a)pyrene	15.56	252	1429363	42.331	nq	99
91) Dibenzo(a,h)anthracene	17.17	278	1274092	43.838	nq	98
92) Benzo(g,h,i)perylene	17.62	276	1286792	44.452	nq	99

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



#1

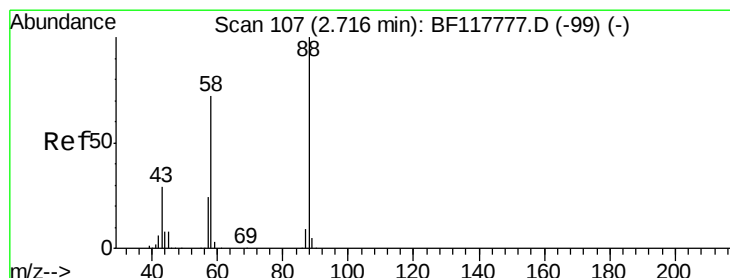
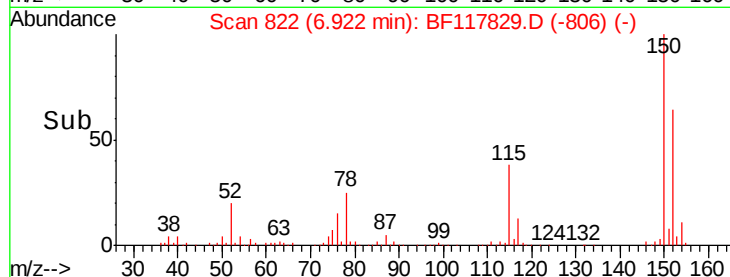
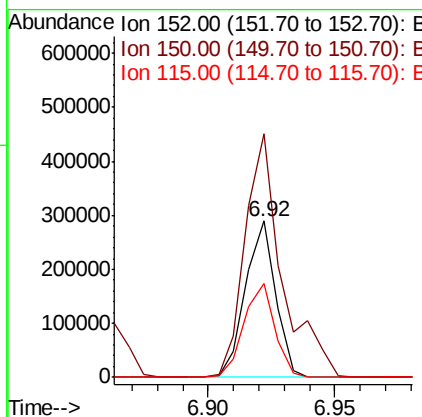
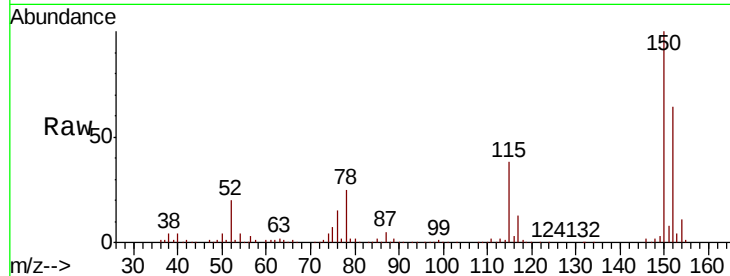
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.3	187.9
115	59.8	47.0	70.4

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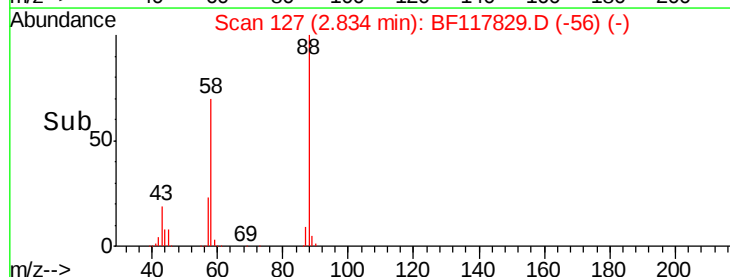
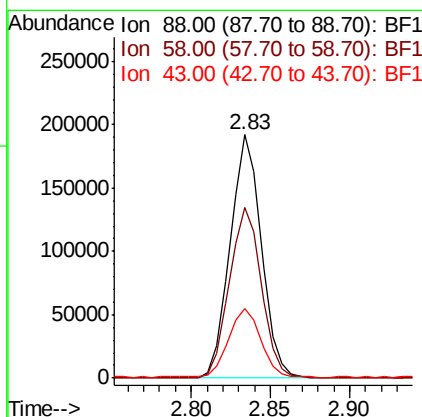
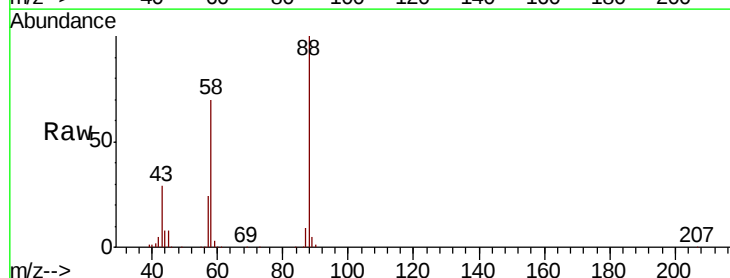
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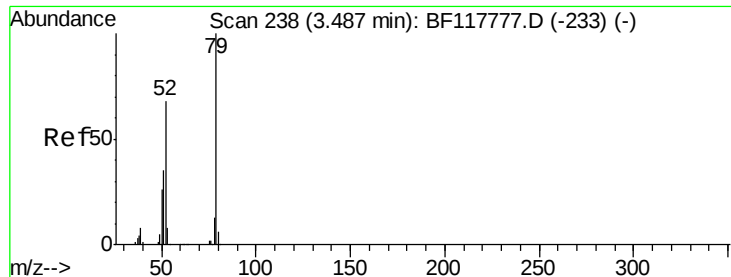


#2

1,4-Dioxane
Concen: 41.264 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.12 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	58.2	87.2
43	29.2	23.3	34.9





#3

Pvridine

Concen: 38.569 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.09 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

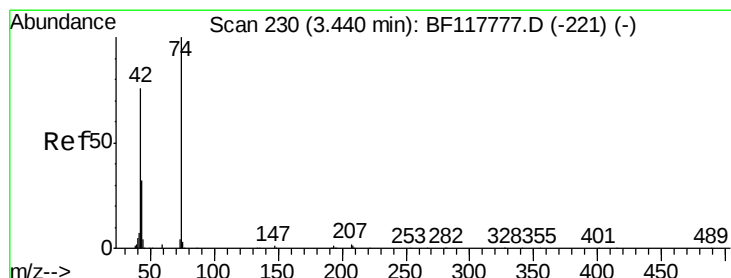
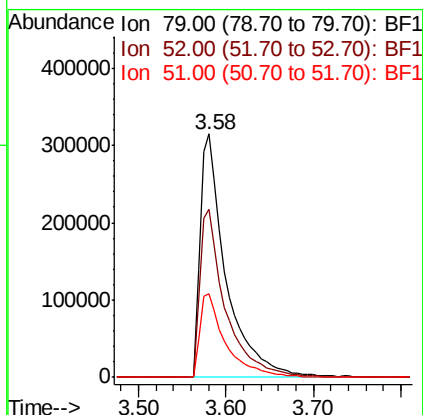
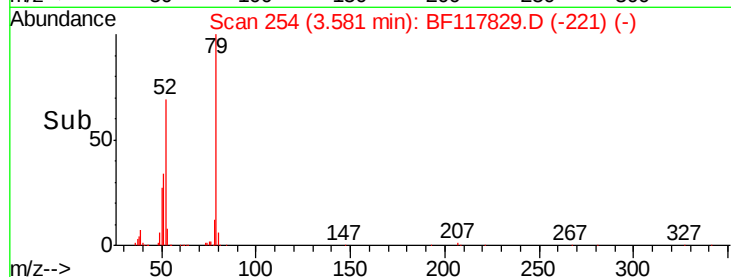
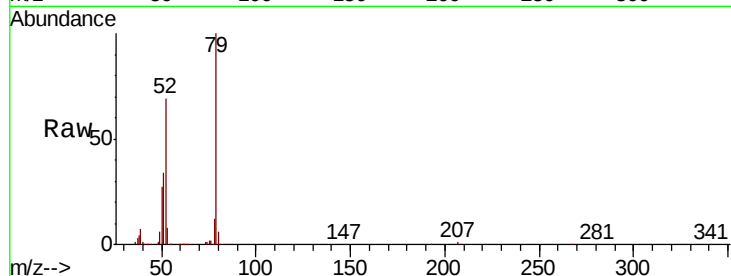
ClientSampleId :

PB124881BSD

Tot Ion:	79	Resp:	642223
Ion Ratio	Lower	Upper	
79	100		
52	68.8	54.8	82.2
51	34.2	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 44.501 ng

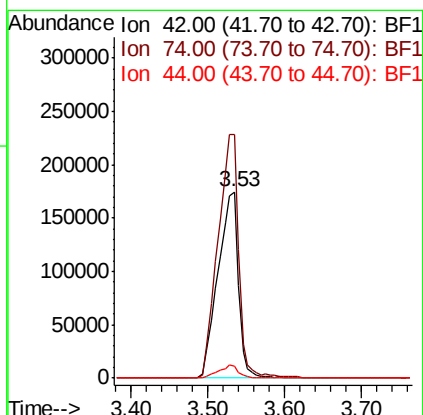
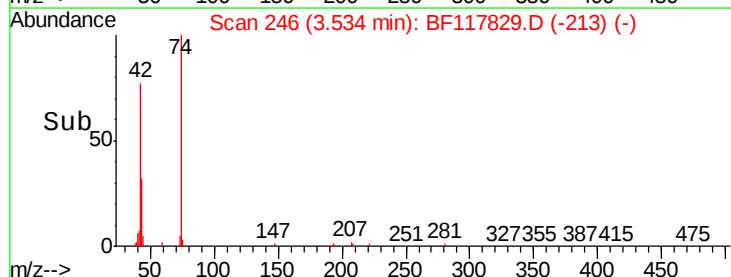
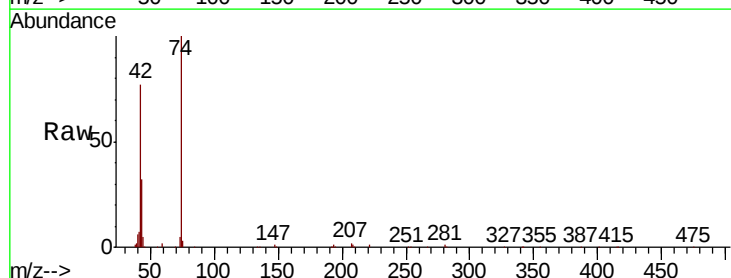
RT: 3.53 min Scan# 246

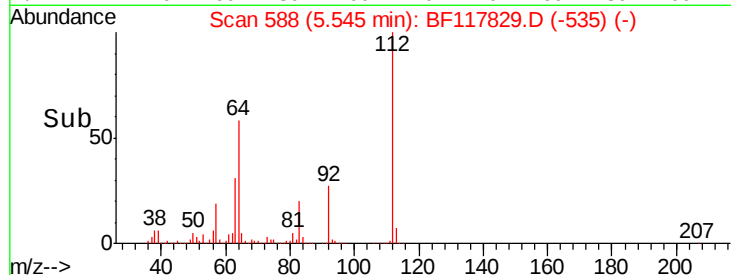
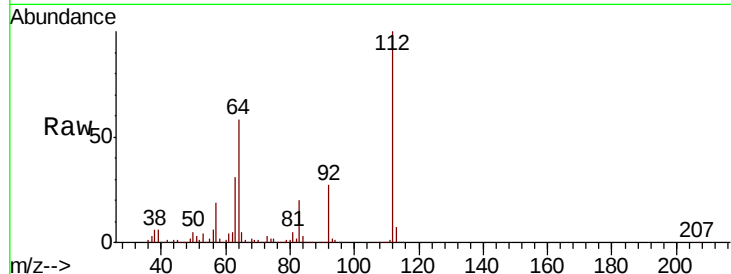
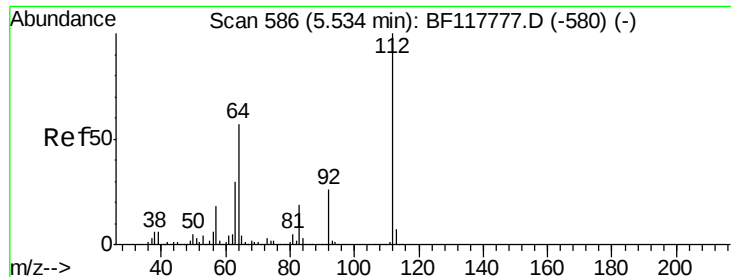
Delta R.T. 0.09 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Tgt Ion:	42	Resp:	323465
Ion Ratio	Lower	Upper	
42	100		
74	130.5	105.1	157.7
44	6.6	4.6	7.0





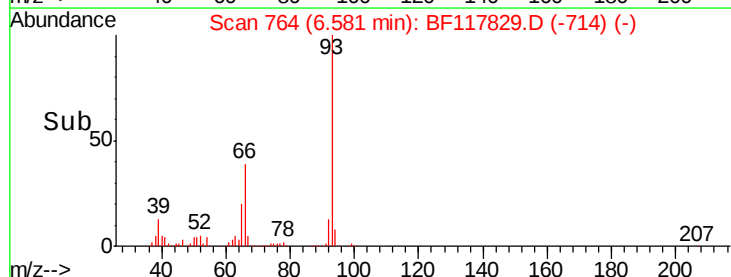
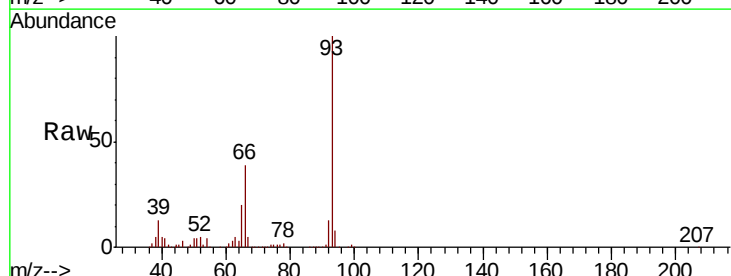
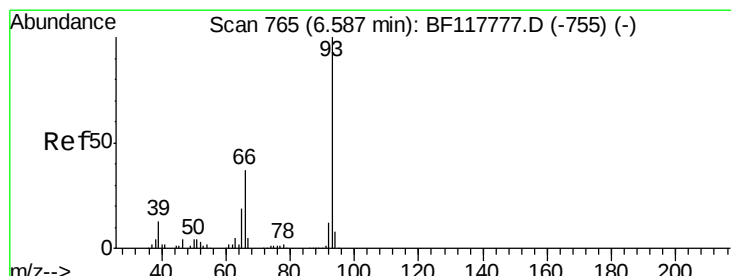
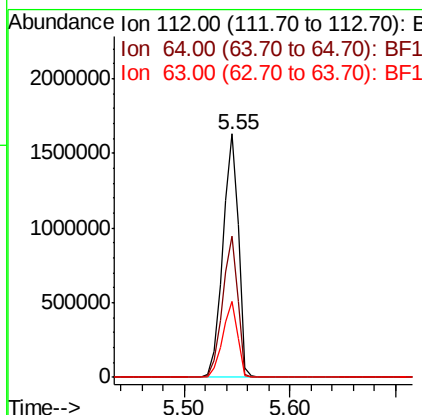
#5
2-Fluorophenol
Concen: 123.239 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tot Ion: 112 Resp: 1673583
Ion Ratio Lower Upper
112 100
64 57.7 45.6 68.4
63 31.2 24.1 36.1

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

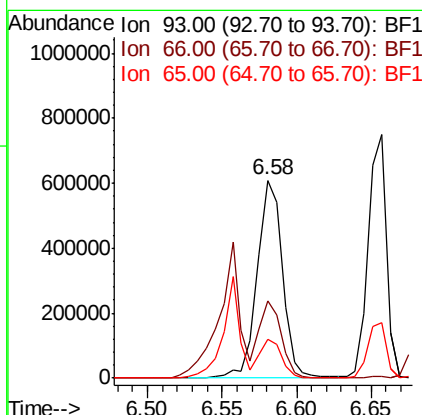
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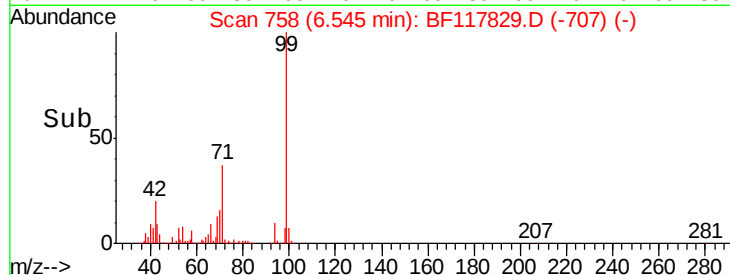
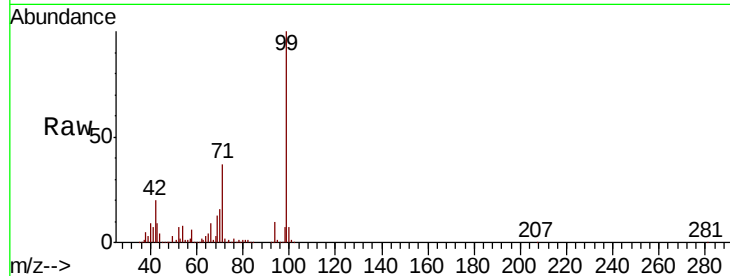
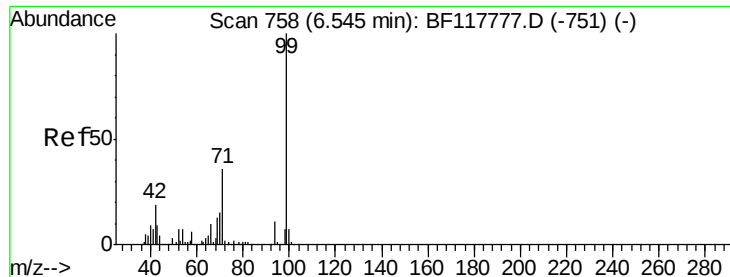
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#6
Aniline
Concen: 32.839 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion: 93 Resp: 710799
Ion Ratio Lower Upper
93 100
66 39.1 30.6 45.8
65 19.6 15.6 23.4





#7

Phenol-d6

Concen: 125.416 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Tot Ion: 99 Resp: 2054265

Ion Ratio Lower Upper

99 100

42 19.7 14.9 22.3

71 37.0 28.6 43.0

Instrument :

BNA_F

ClientSampleId :

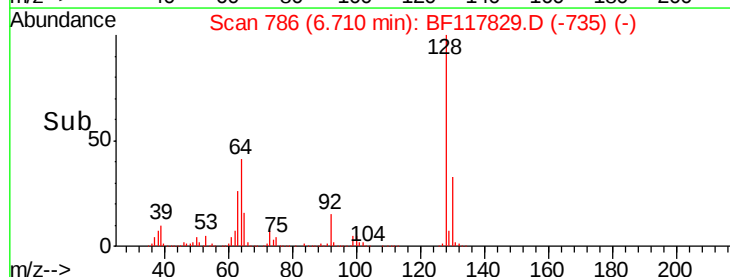
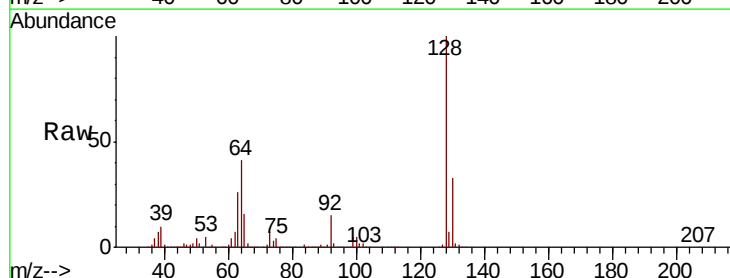
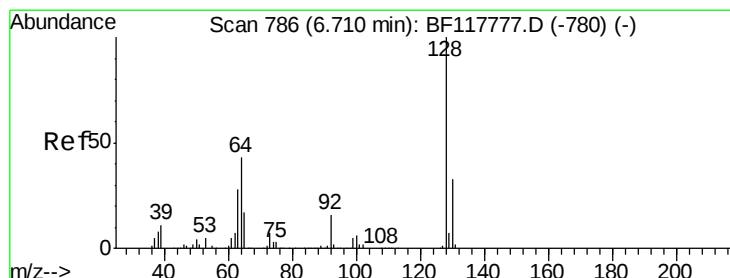
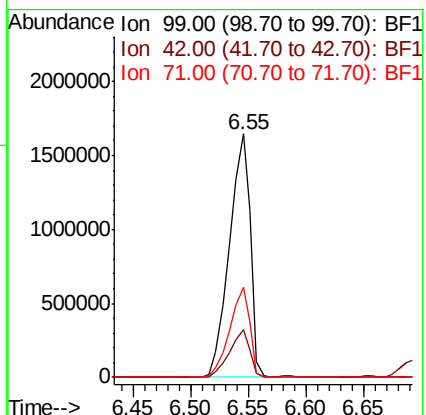
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#8

2-Chlorophenol

Concen: 47.201 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

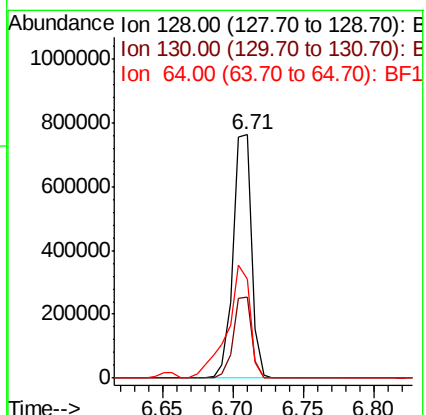
Tgt Ion: 128 Resp: 695529

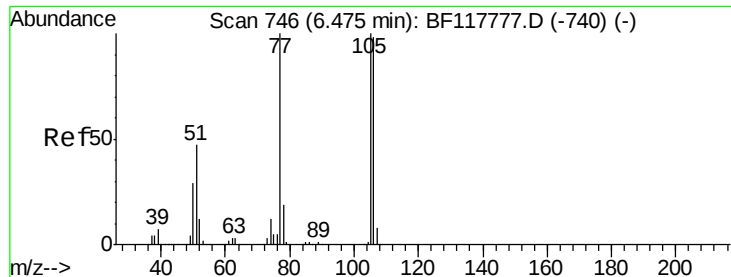
Ion Ratio Lower Upper

128 100

130 33.2 13.2 53.2

64 40.5 23.7 63.7





#9

Benzaldehyde

Concen: 30.490 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

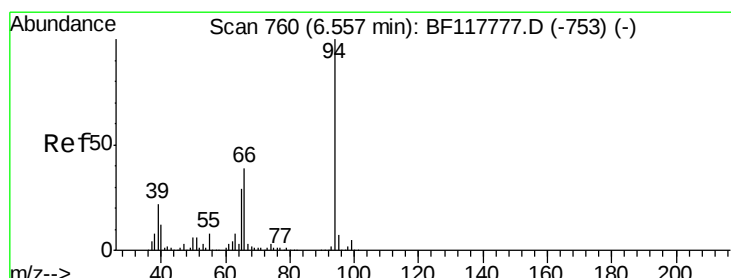
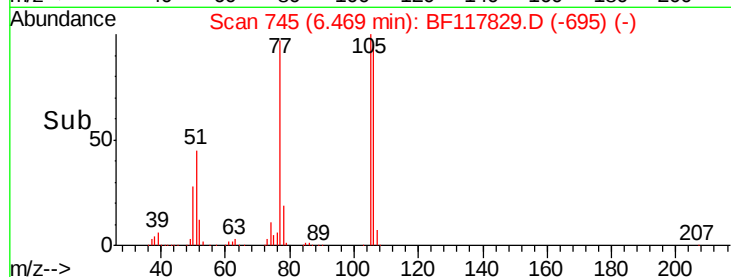
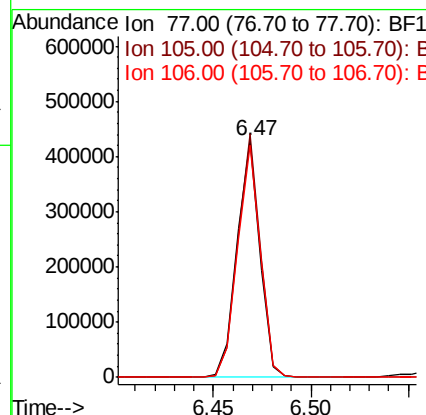
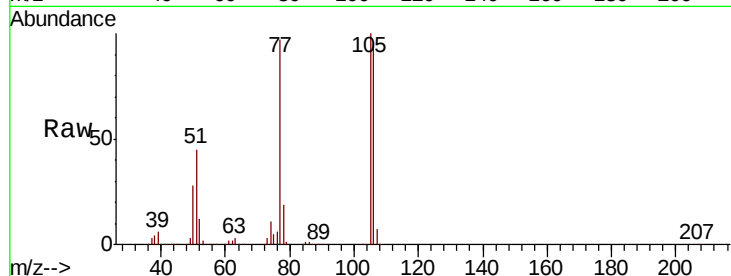
ClientSampleId :

PB124881BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.8	80.2	120.2
106	97.9	78.4	118.4

Manual Integrations
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#10

Phenol

Concen: 47.240 ng

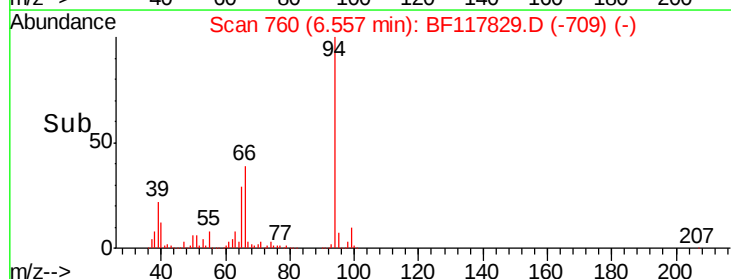
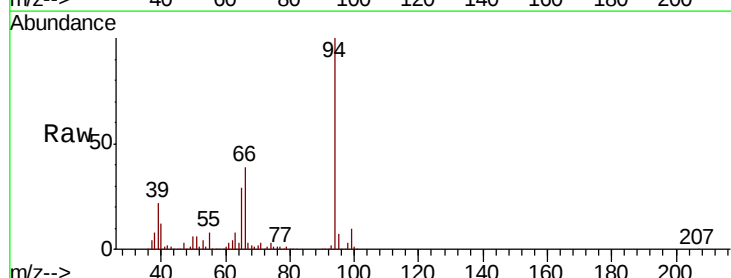
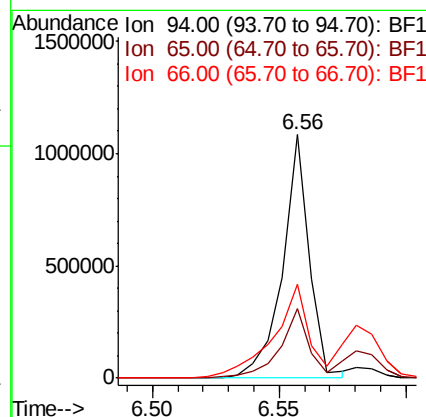
RT: 6.56 min Scan# 760

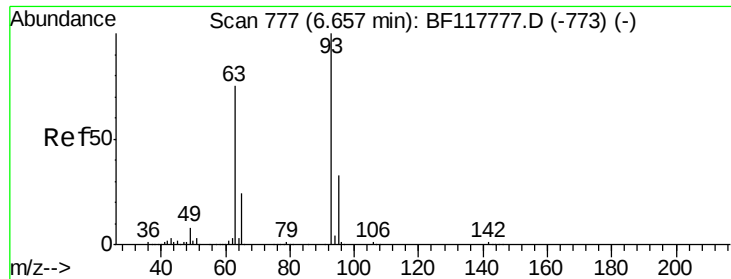
Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.9	48.9
66	38.7	18.7	58.7





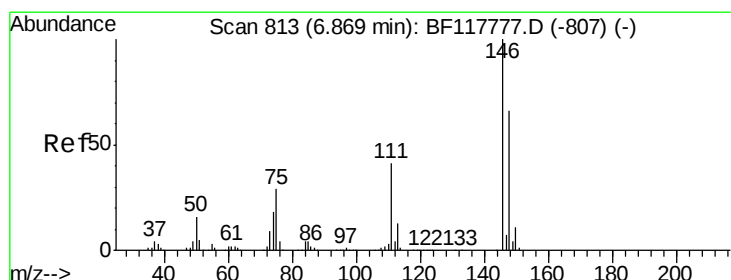
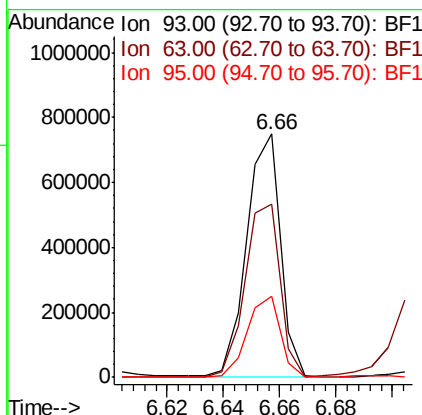
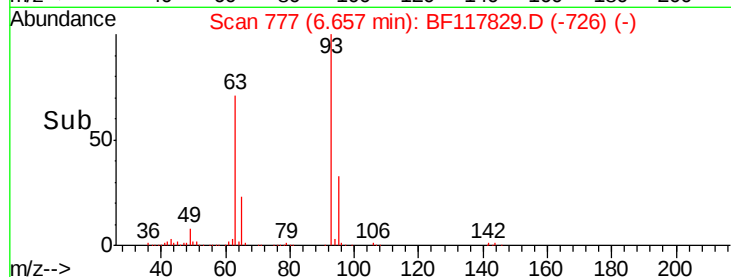
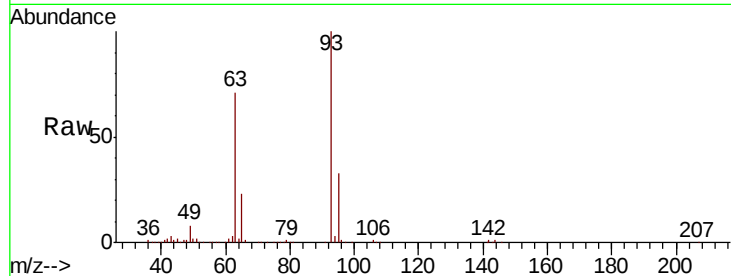
#11
bis(2-Chloroethyl)ether
Concen: 45.358 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	619970		
63	70.9	54.8	94.8	
95	33.2	12.7	52.7	

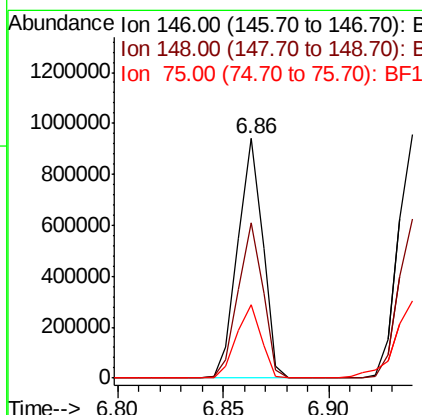
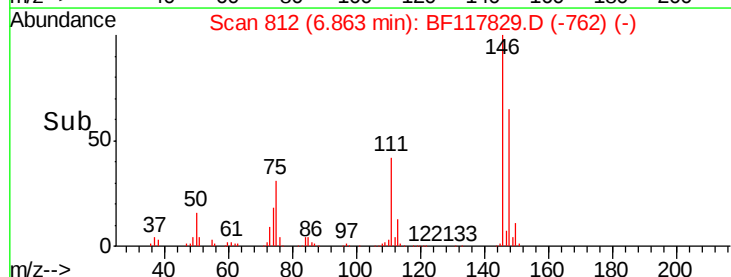
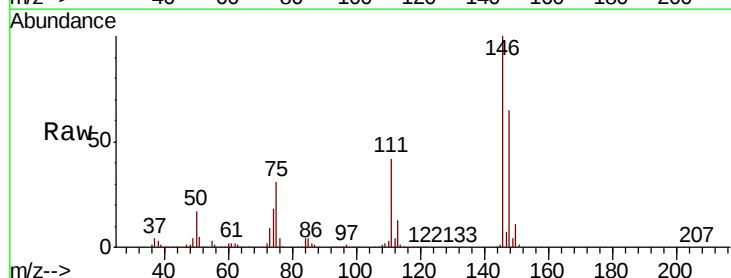
Manual Integrations
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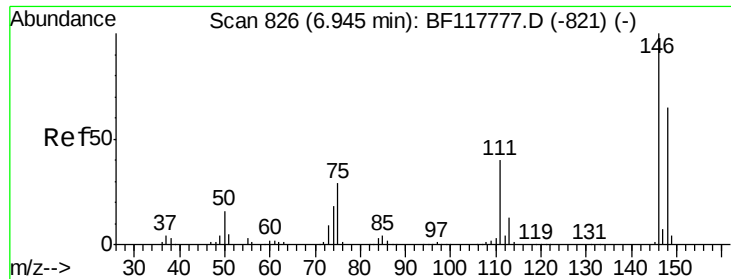
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.386 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	770011		
148	64.9	52.8	79.2	
75	30.8	23.4	35.0	





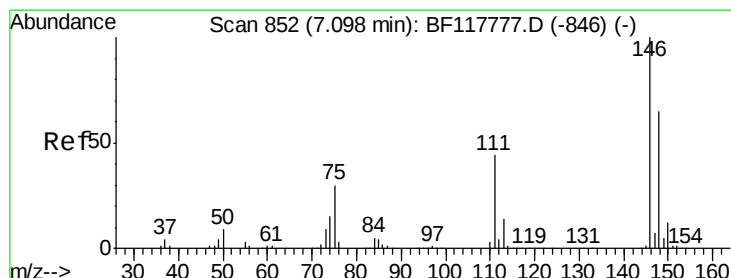
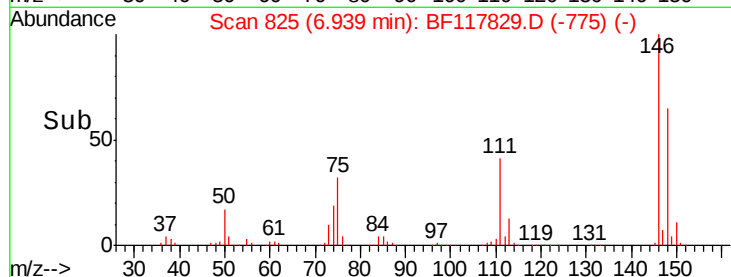
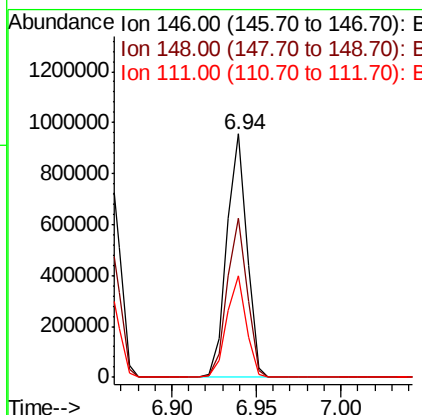
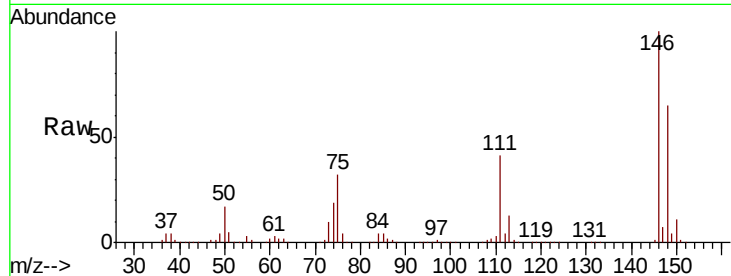
#13
1,4-Dichlorobenzene
Concen: 44.798 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.3	78.5
111	41.5	32.2	48.4

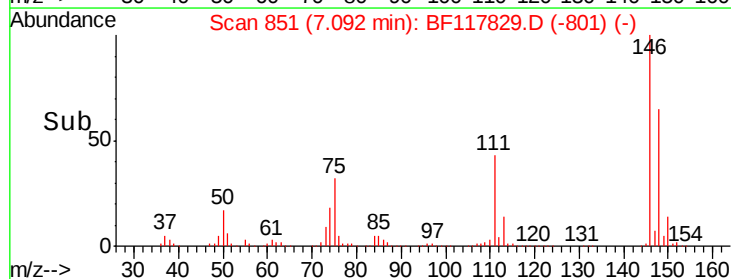
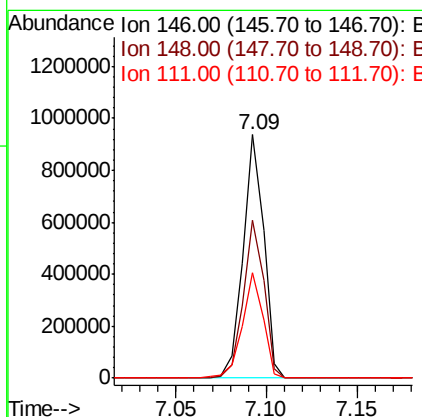
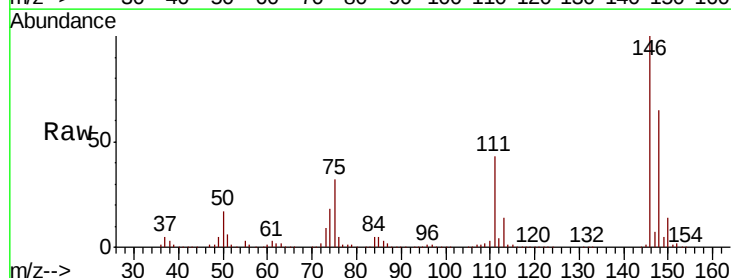
Manual Integrations
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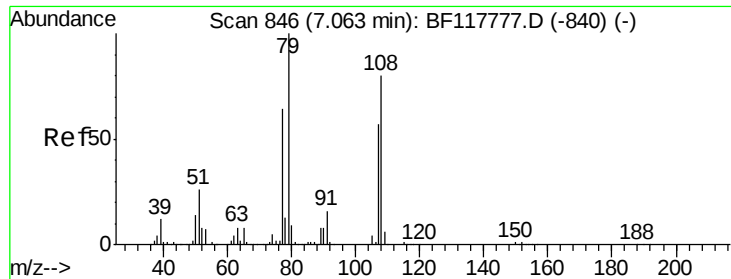
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.141 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
111	43.4	35.0	52.6





#15

Benzyl Alcohol

Concen: 48.762 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

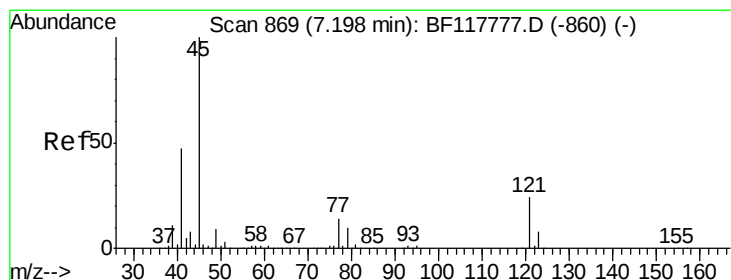
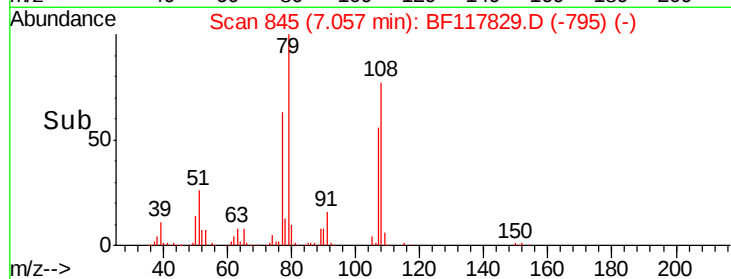
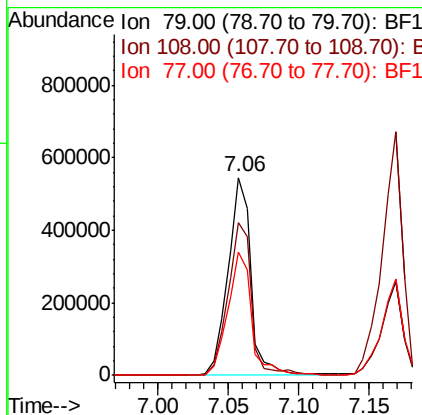
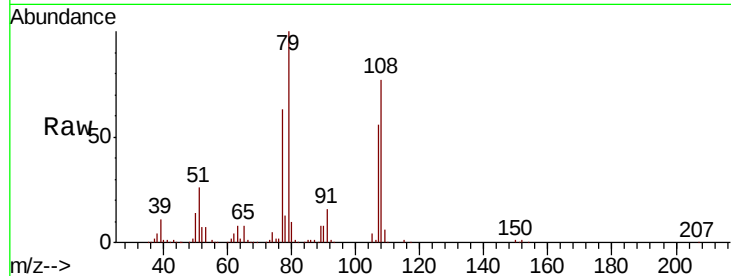
ClientSampleId :

PB124881BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.2	64.1	96.1
77	62.6	51.3	76.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.251 ng

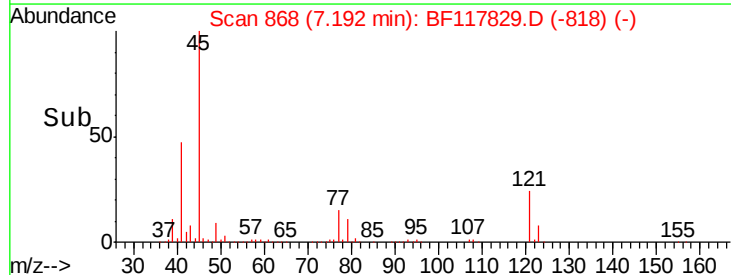
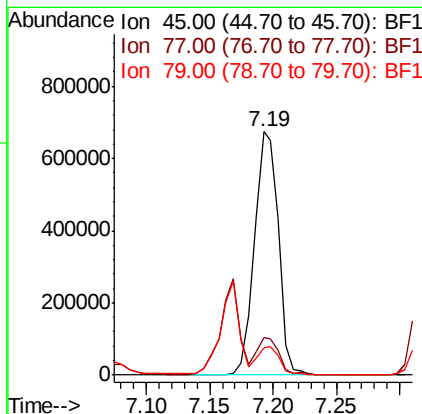
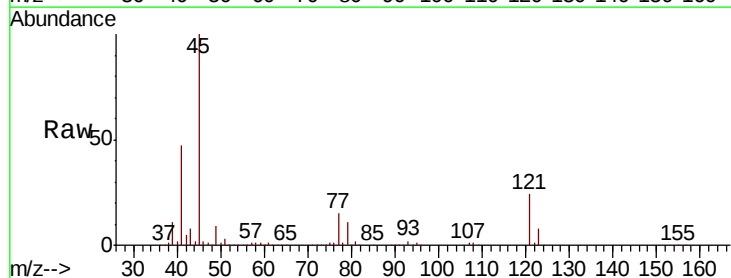
RT: 7.19 min Scan# 868

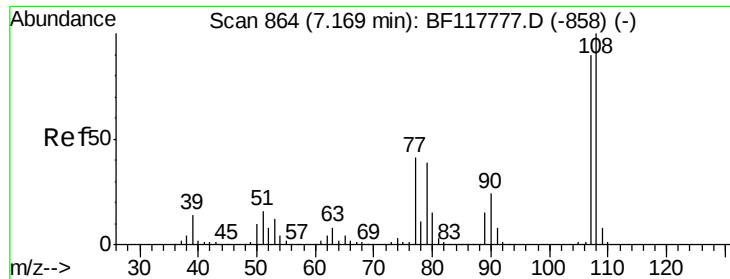
Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.0
79	11.3	0.0	31.1





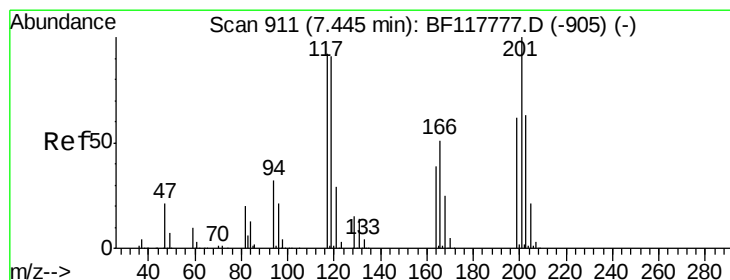
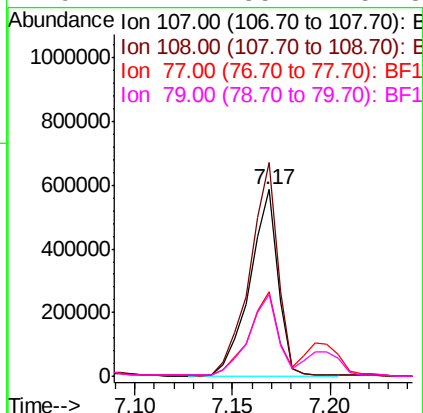
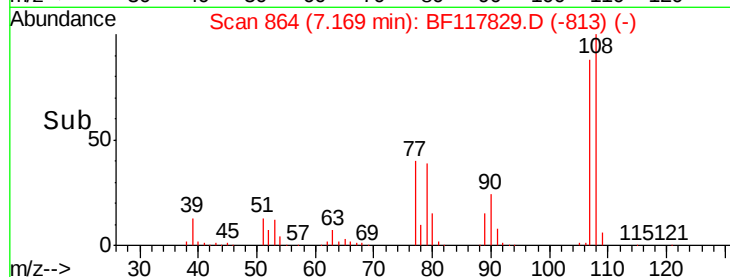
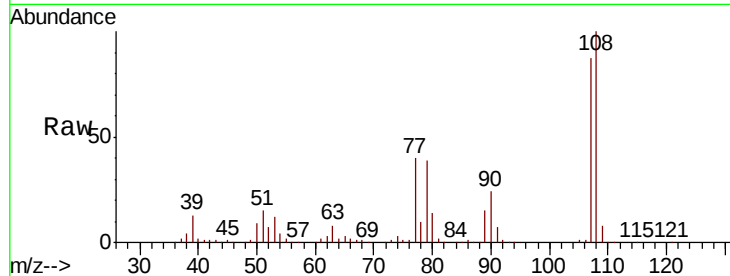
#17
2-Methylphenol
Concen: 47.068 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	89.1	133.7	
77	45.6	36.6	54.8	
79	44.2	35.2	52.8	

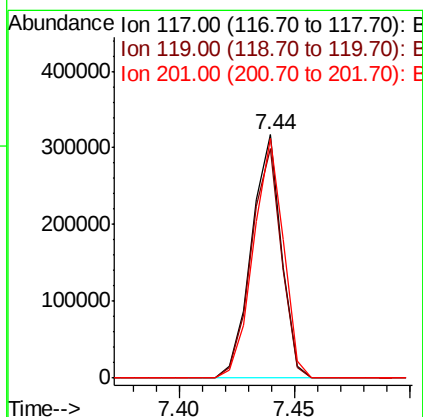
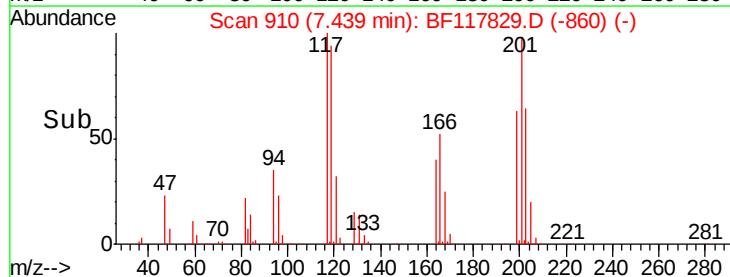
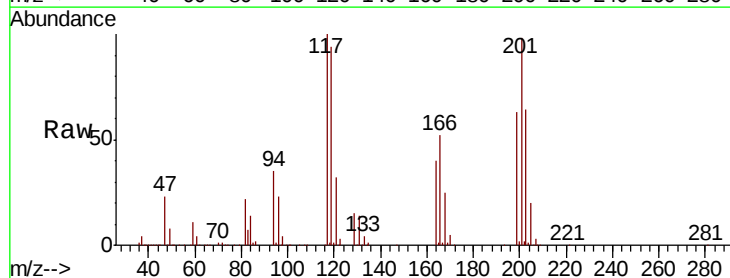
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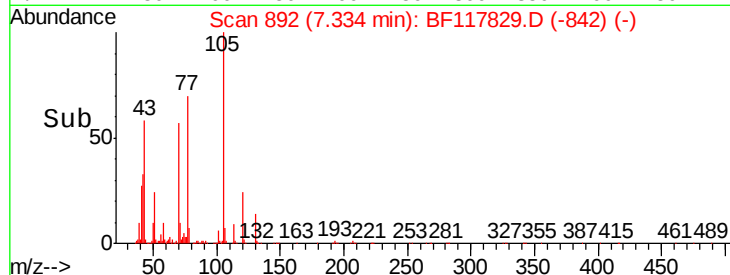
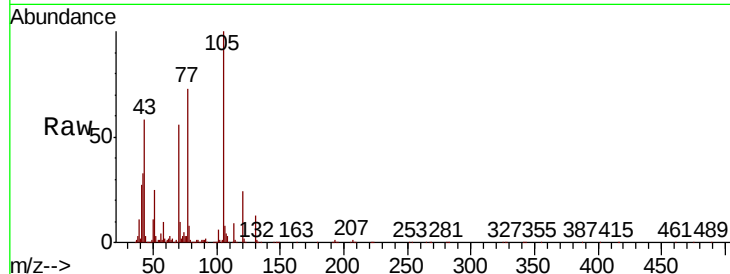
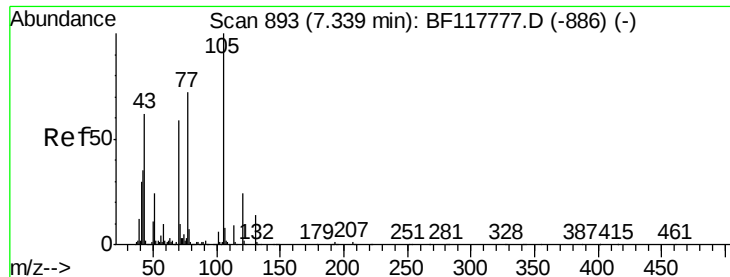
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#18
Hexachloroethane
Concen: 44.592 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	78.7	118.1	
201	98.4	86.5	129.7	





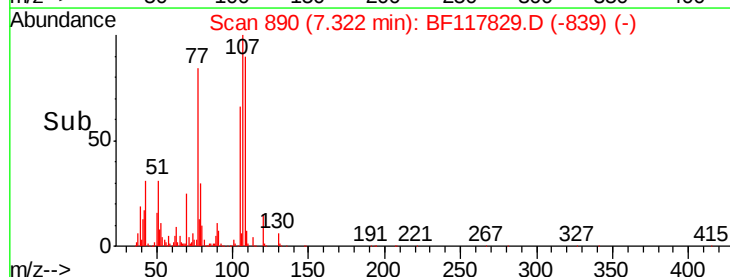
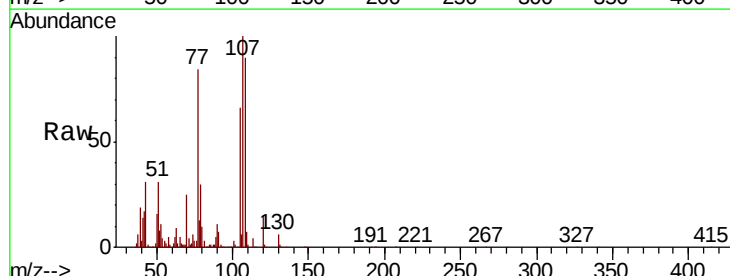
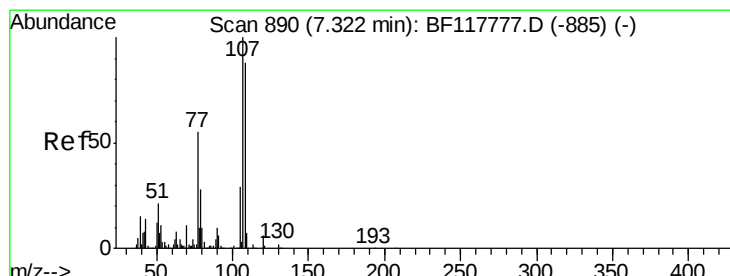
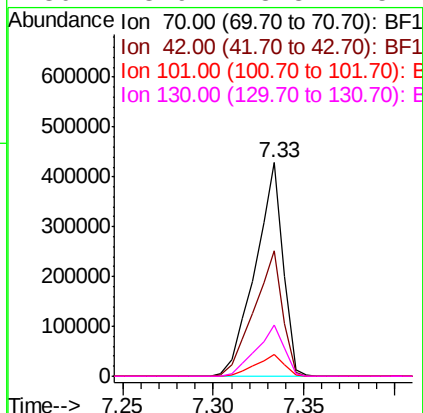
#19
n-Nitroso-di-n-propylamine
Concen: 45.276 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Manual Integrations
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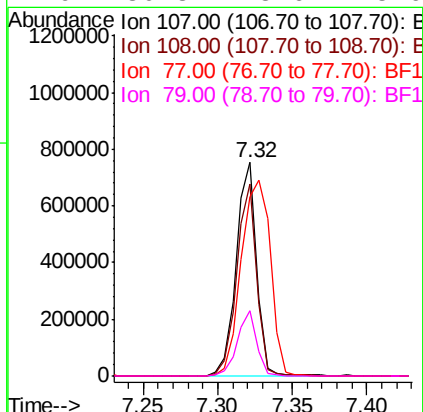
mohammad
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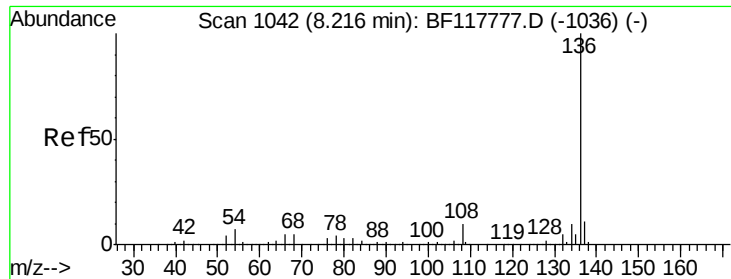
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.6	47.4	71.2	
101	10.0	8.4	12.6	
130	23.9	18.8	28.2	



#20
3+4-Methylphenols
Concen: 46.640 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	68.4	108.4	
77	84.1	35.2	75.2	
79	30.3	8.6	48.6	





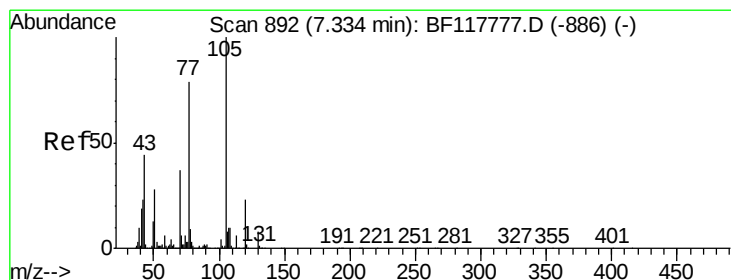
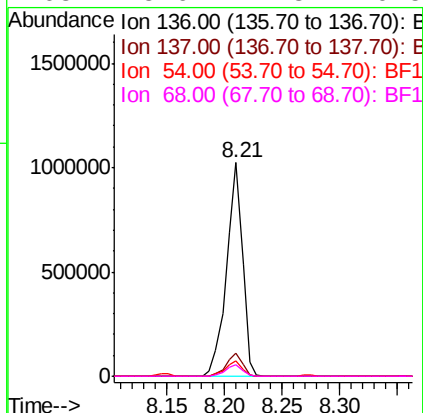
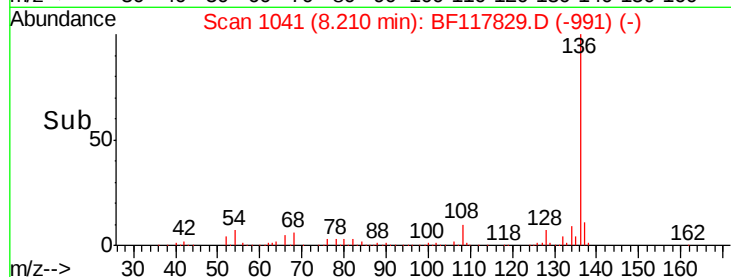
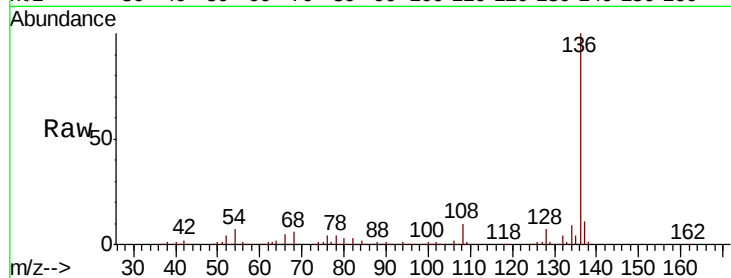
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		977714		
137	11.1	9.0	13.4		
54	7.3	5.4	8.2		
68	5.6	4.3	6.5		

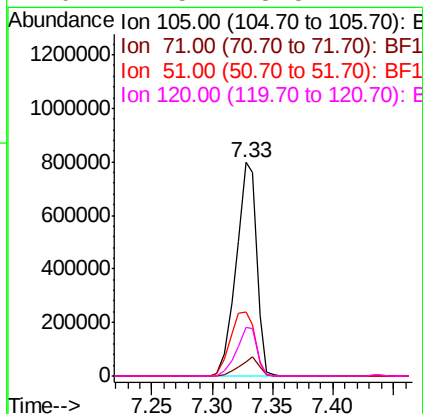
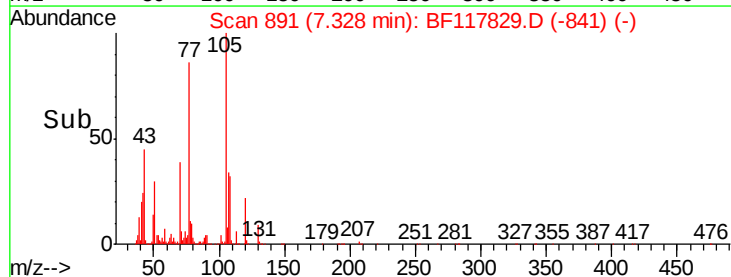
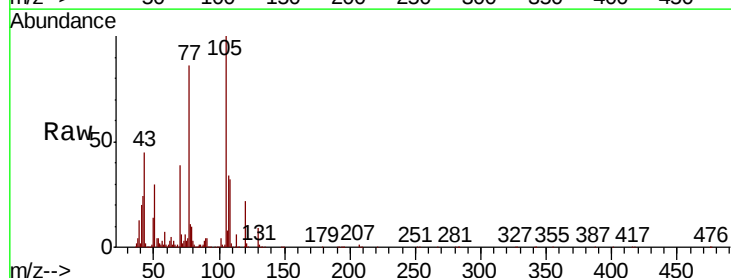
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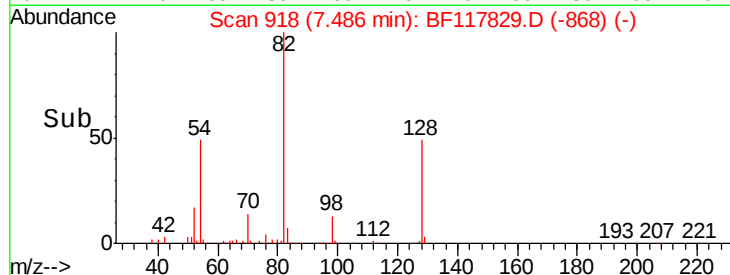
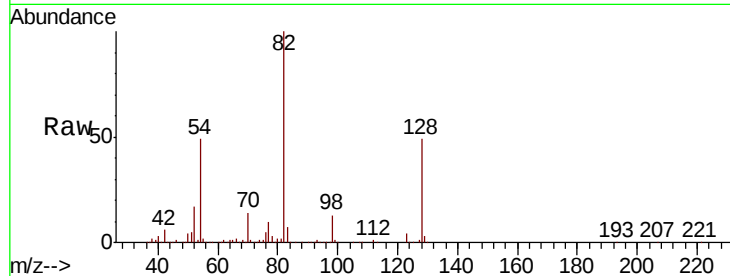
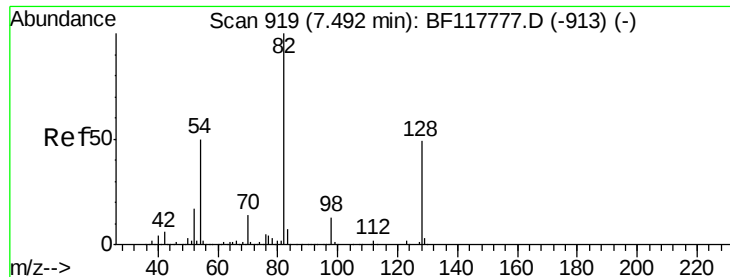
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#22
Acetophenone
Concen: 42.907 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		942516		
71	6.4	4.9	7.3		
51	29.9	22.7	34.1		
120	22.5	18.5	27.7		





#23

Nitrobenzene-d5

Concen: 66.473 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Tot Ion: 82 Resp: 1093289

Ion Ratio Lower Upper

82 100

128 49.5 38.9 58.3

54 49.4 39.8 59.6

Instrument :

BNA_F

ClientSampleId :

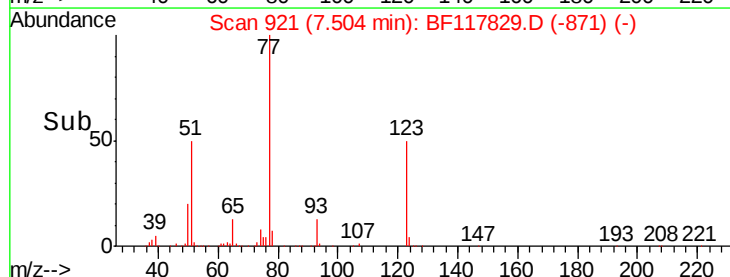
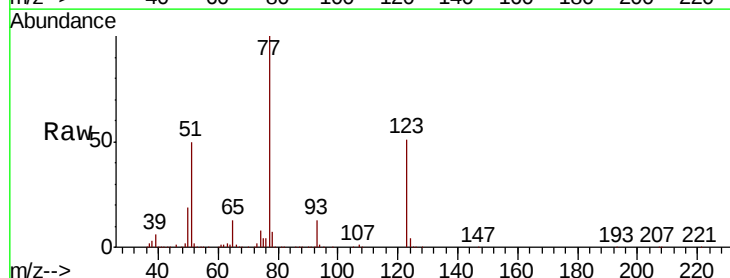
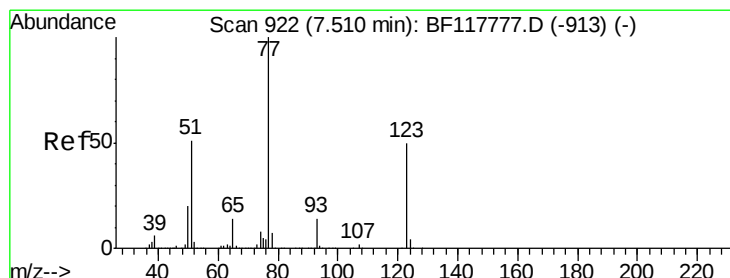
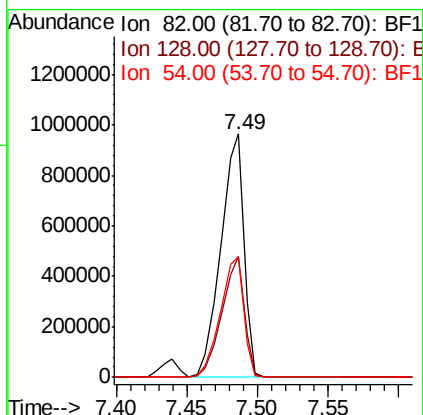
PB124881BSD

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#24

Nitrobenzene

Concen: 43.673 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

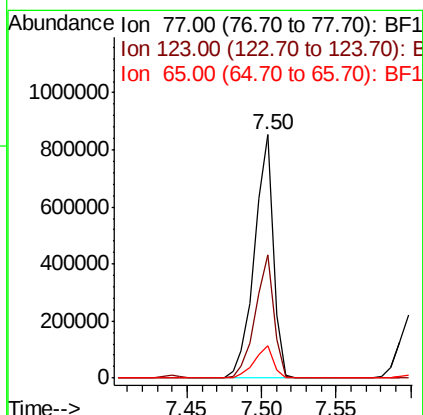
Tgt Ion: 77 Resp: 741009

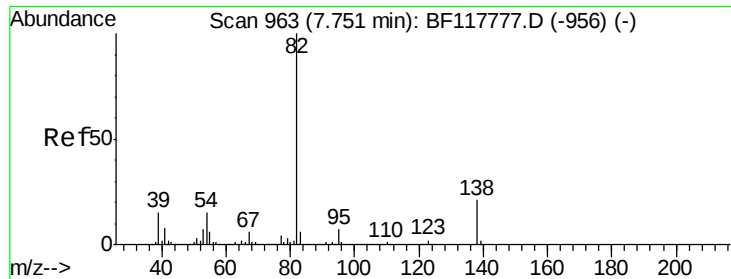
Ion Ratio Lower Upper

77 100

123 50.6 40.3 60.5

65 13.2 10.9 16.3





#25

Isophorone

Concen: 42.665 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

PB124881BSD

Tot Ion: 82 Resp: 1286146

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

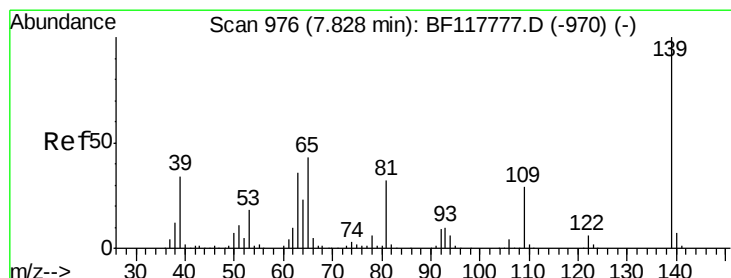
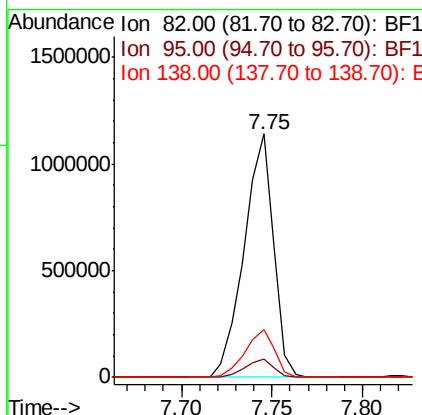
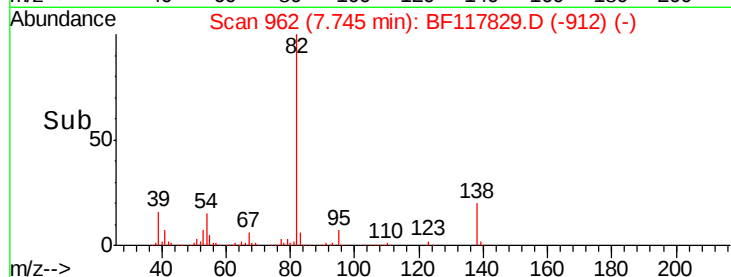
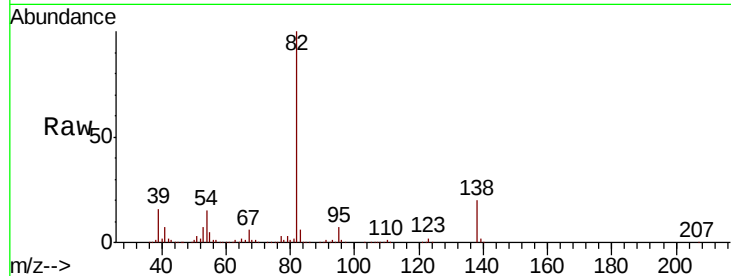
138 19.7 16.5 24.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.482 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

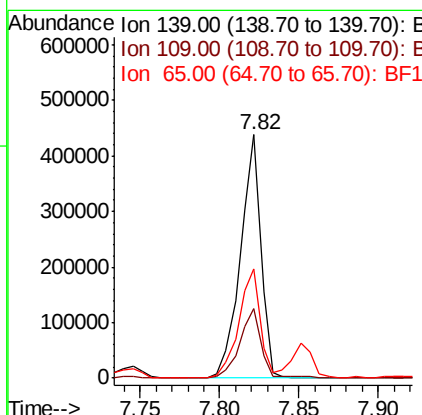
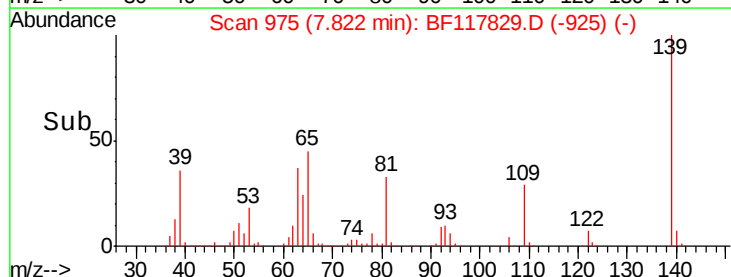
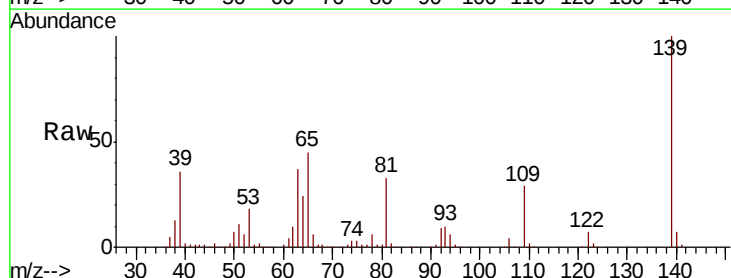
Tgt Ion: 139 Resp: 392134

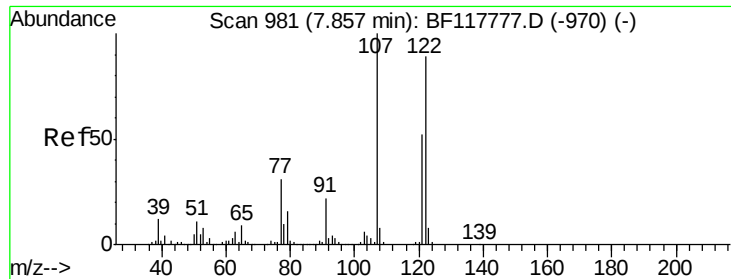
Ion Ratio Lower Upper

139 100

109 28.7 23.0 34.4

65 44.7 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 51.440 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

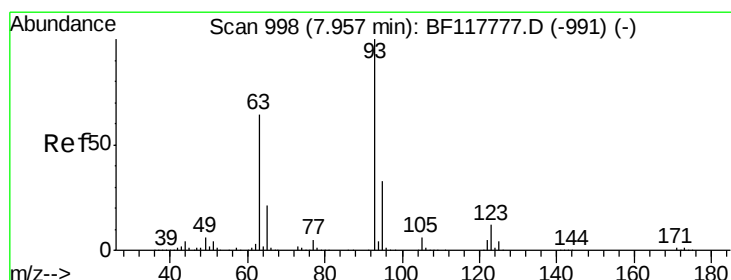
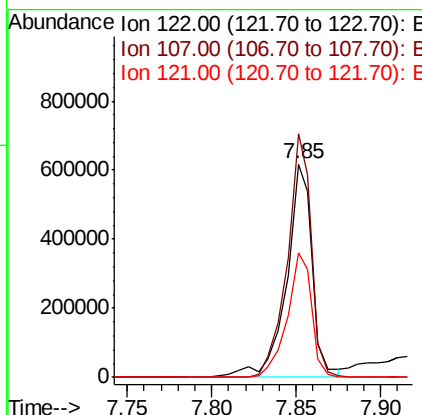
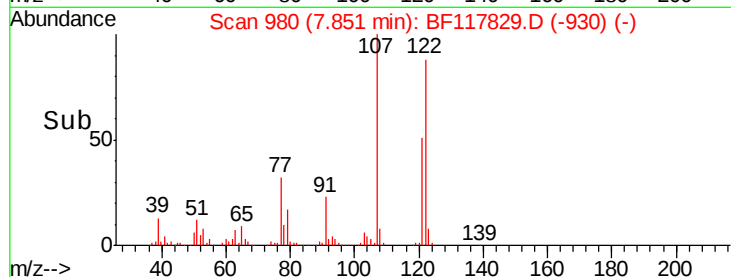
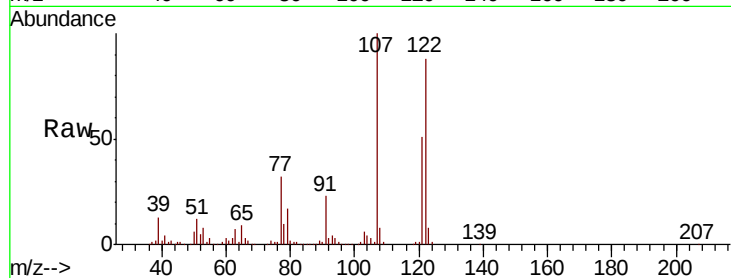
ClientSampleId :

PB124881BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	90.0	135.0
121	58.1	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 40.637 ng

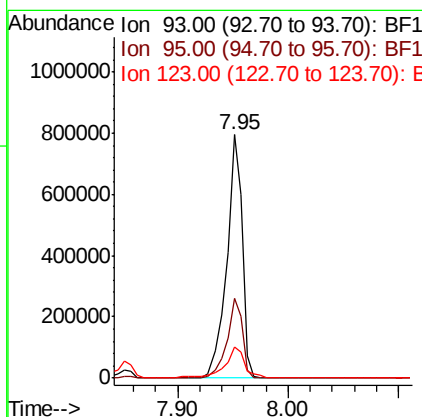
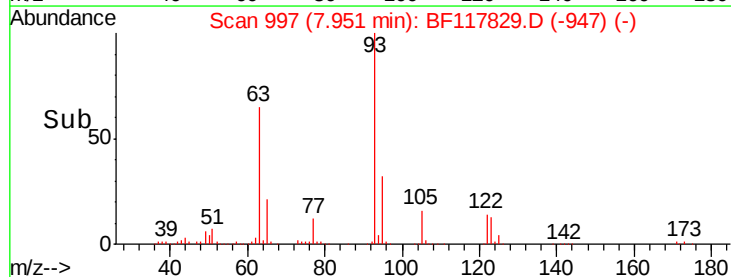
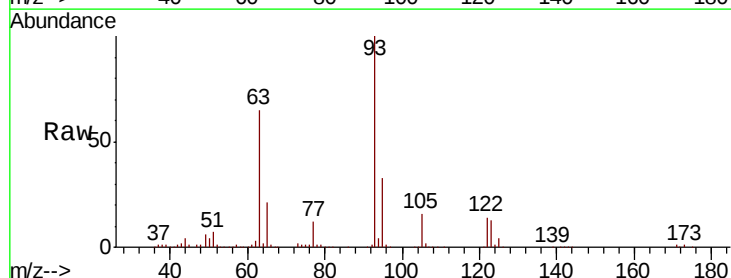
RT: 7.95 min Scan# 997

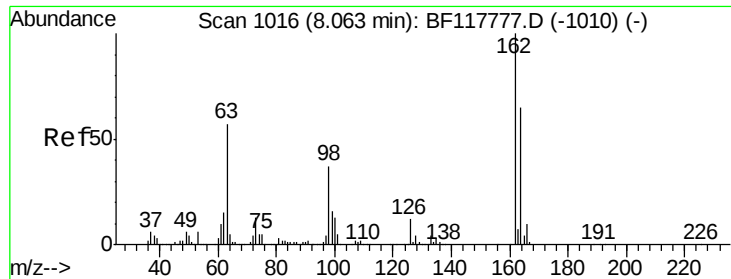
Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	40.0
123	12.6	10.3	15.5





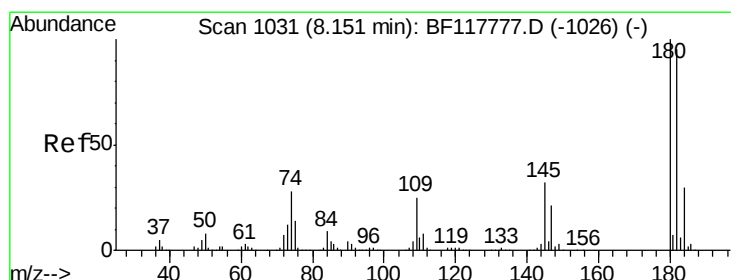
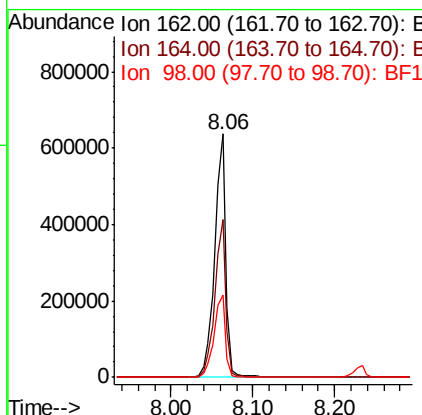
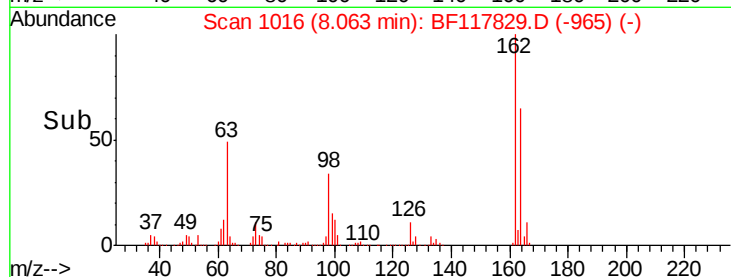
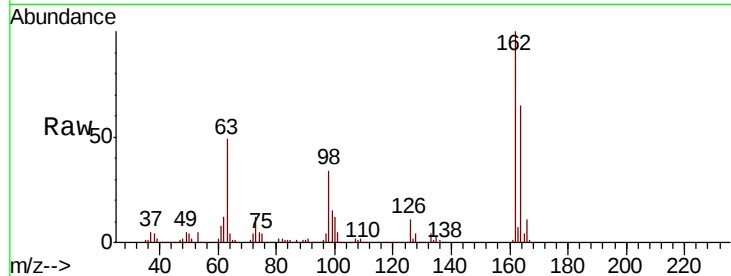
#29
2,4-Dichlorophenol
Concen: 43.412 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	604292		
164	64.6	45.1	85.1	
98	33.8	17.2	57.2	

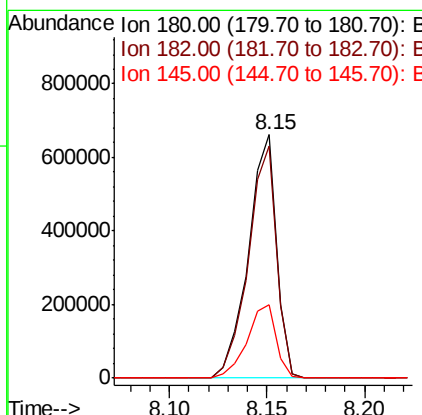
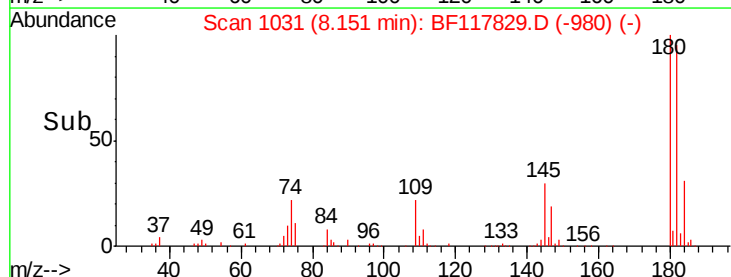
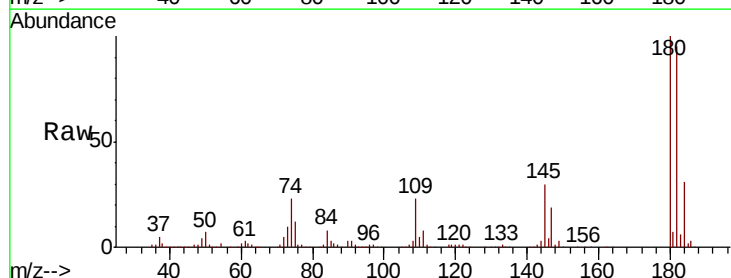
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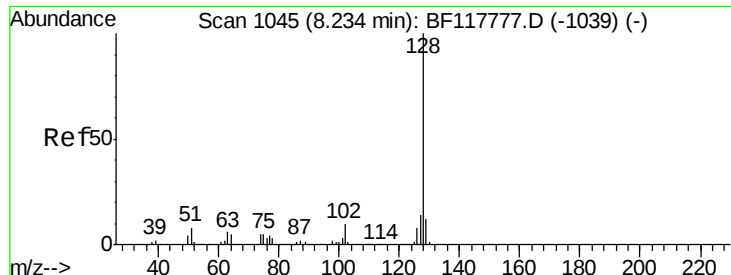
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#30
1,2,4-Trichlorobenzene
Concen: 41.062 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	662991		
182	95.3	75.8	113.6	
145	30.1	25.5	38.3	





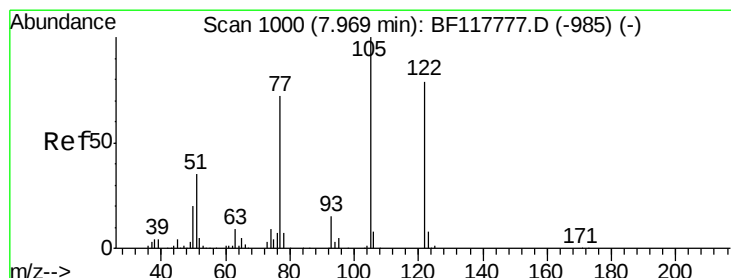
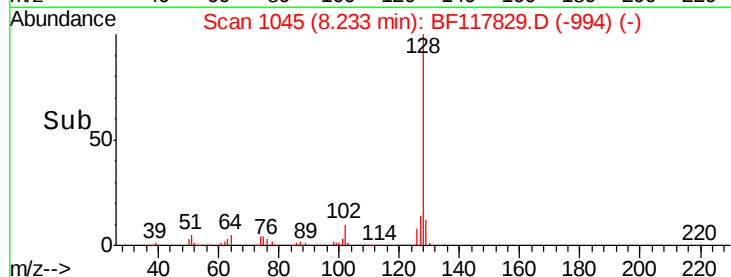
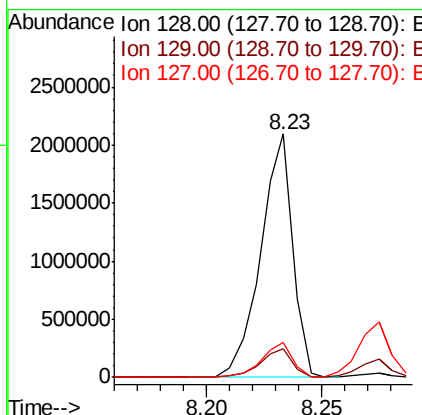
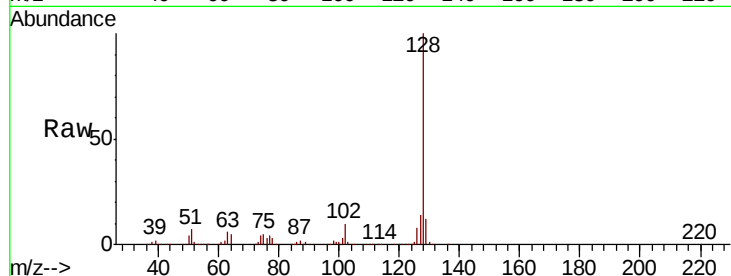
#31
Naphthalene
Concen: 44.249 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	14.2	11.3	16.9

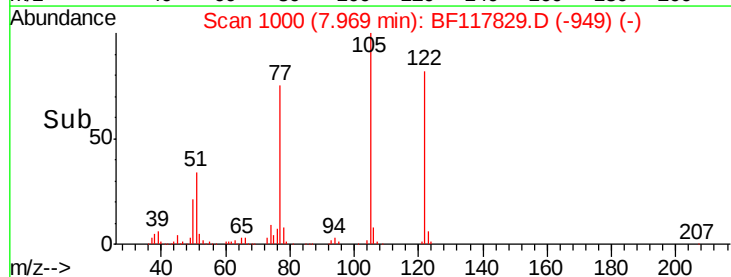
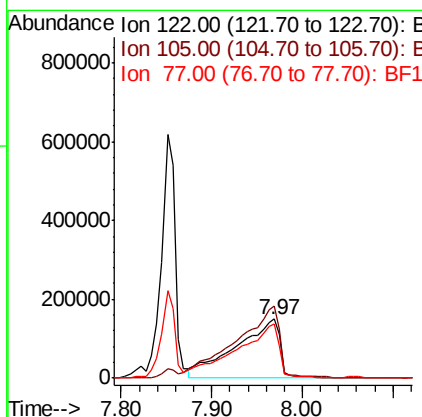
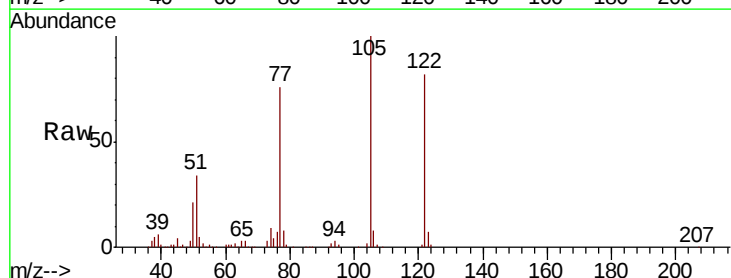
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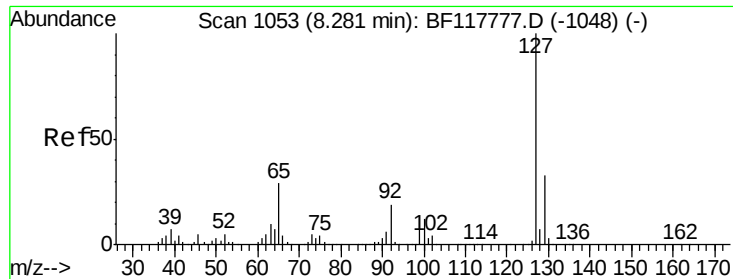
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#32
Benzoic acid
Concen: 46.742 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.5	102.7	142.7
77	92.6	70.5	110.5





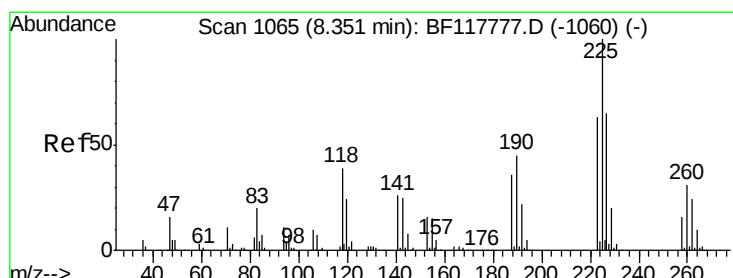
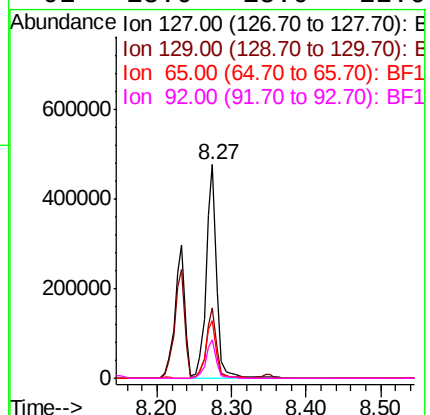
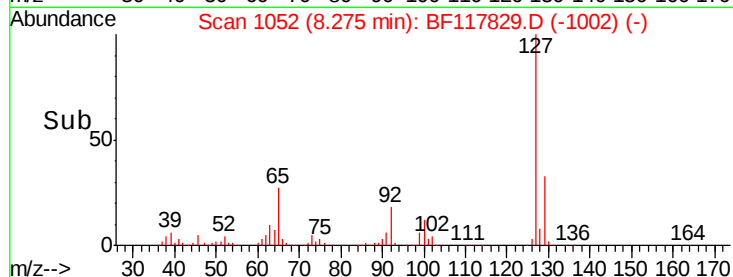
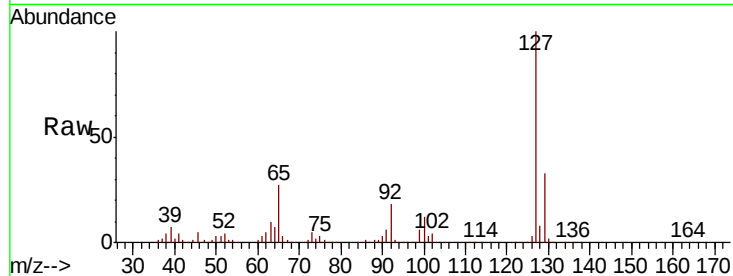
#33
4-Chloroaniline
Concen: 22.988 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.5	39.7	
65	27.1	22.9	34.3	
92	18.0	15.0	22.6	

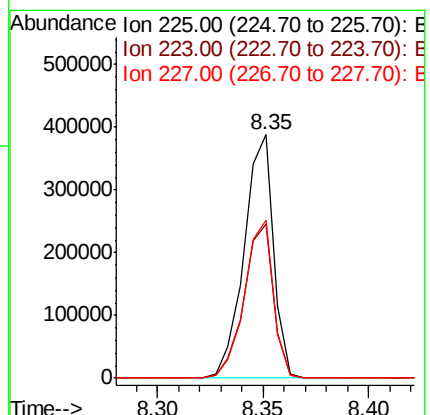
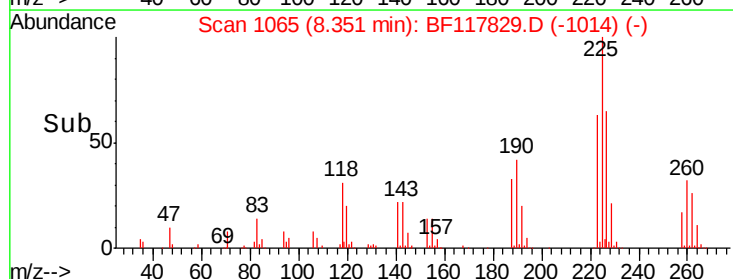
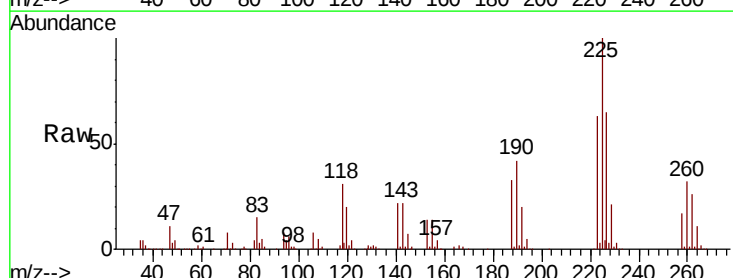
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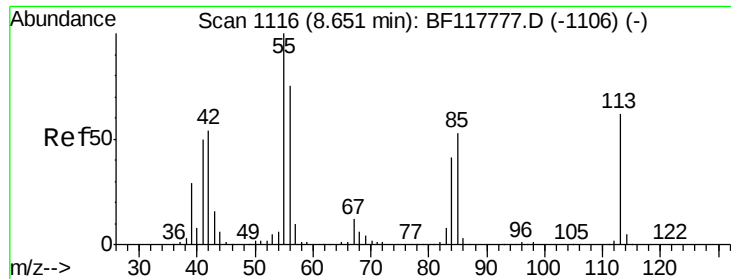
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#34
Hexachlorobutadiene
Concen: 39.440 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.0	75.0	
227	65.0	51.8	77.6	





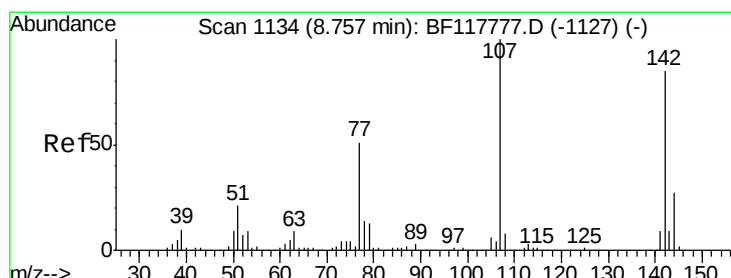
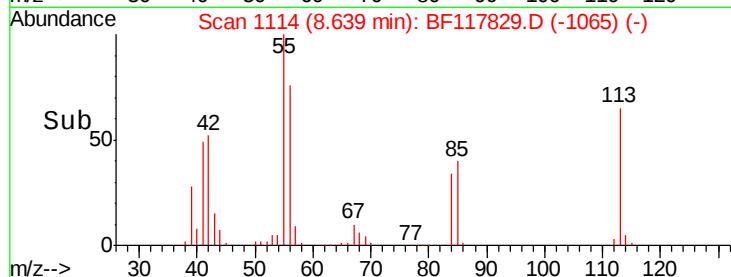
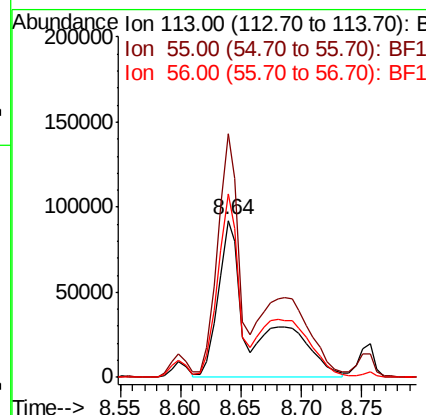
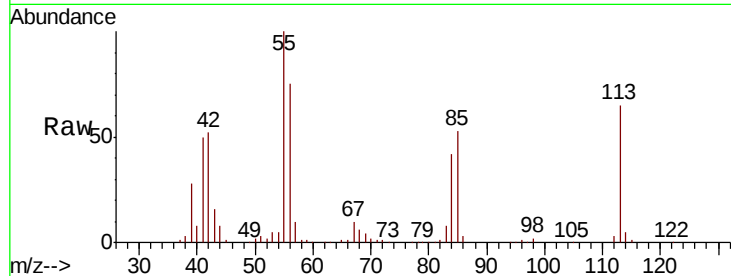
#35
Caprolactam
Concen: 44.570 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.9	141.1	181.1
56	116.6	100.5	140.5

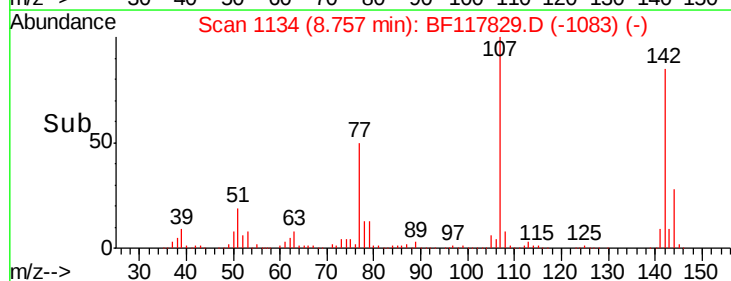
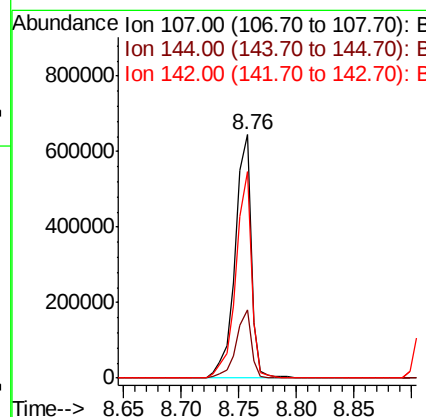
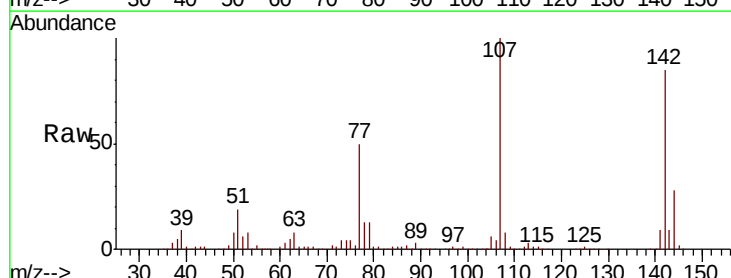
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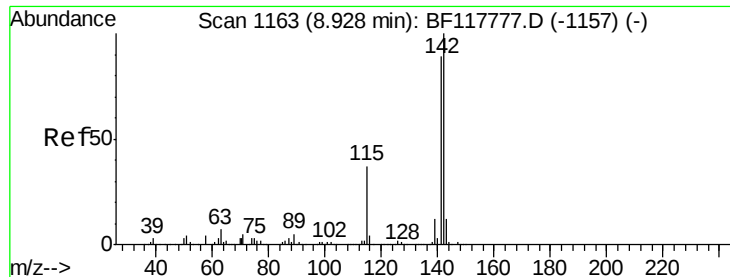
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#36
4-Chloro-3-methylphenol
Concen: 44.576 ng/ml
RT: 8.76 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	21.9	32.9
142	84.8	67.7	101.5





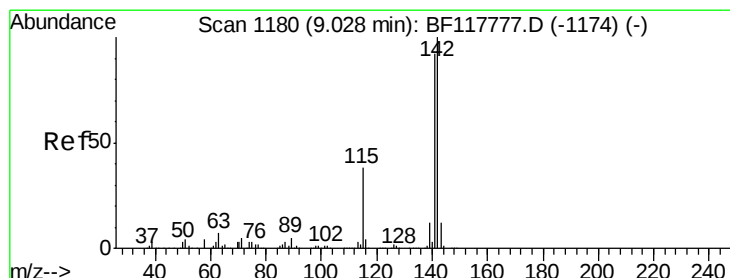
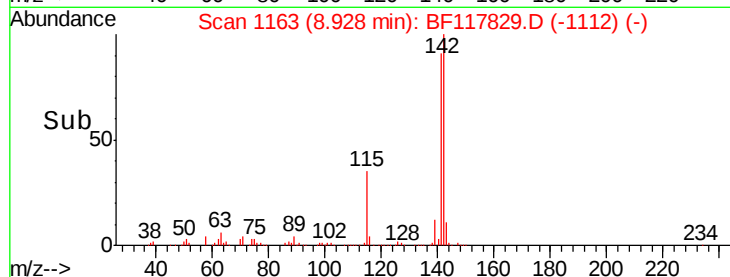
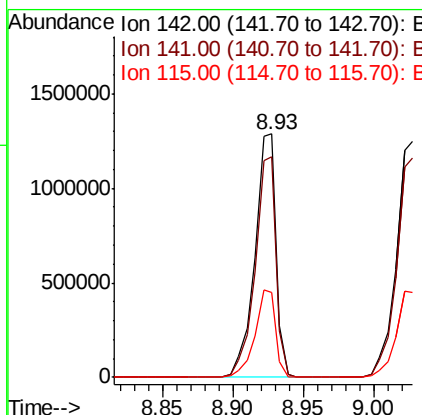
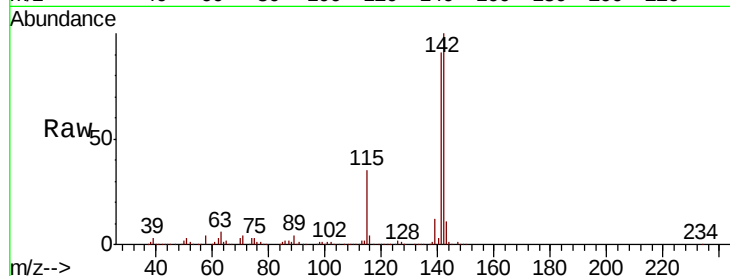
#37
2-Methylnaphthalene
Concen: 44.482 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.1	106.7
115	34.8	29.2	43.8

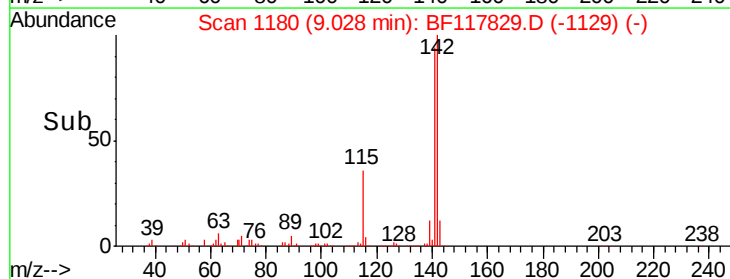
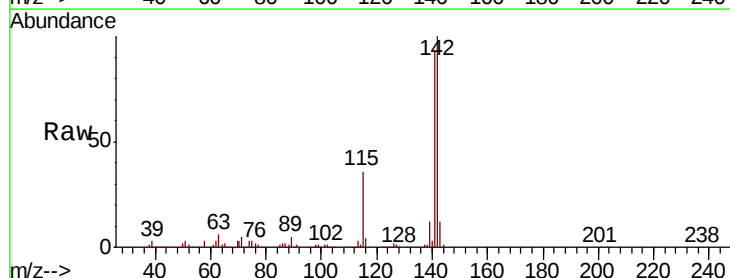
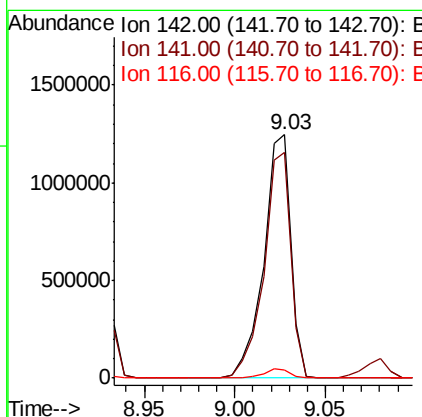
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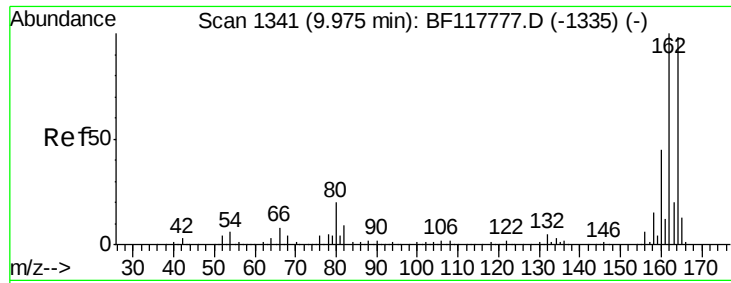
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#38
1-Methylnaphthalene
Concen: 44.453 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.5	110.3
116	3.6	3.2	4.8





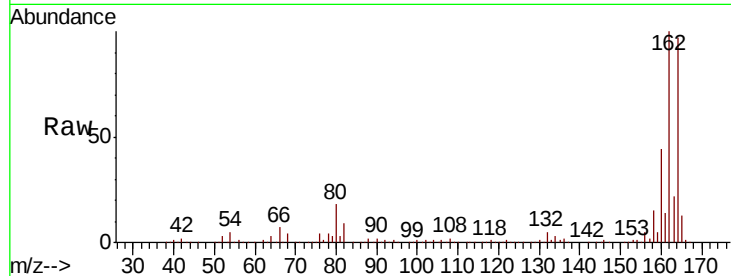
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB124881BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	81.3	121.9	
160	45.0	36.6	55.0	

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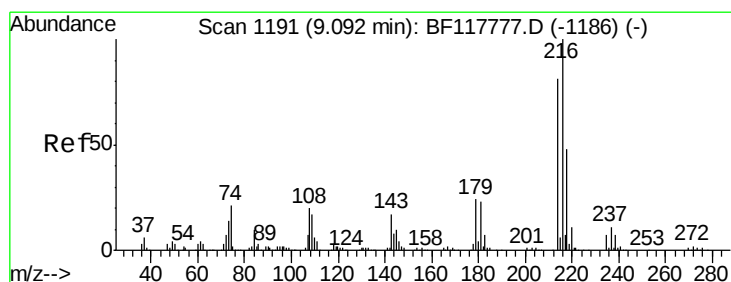
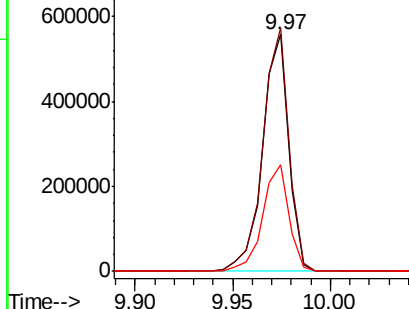
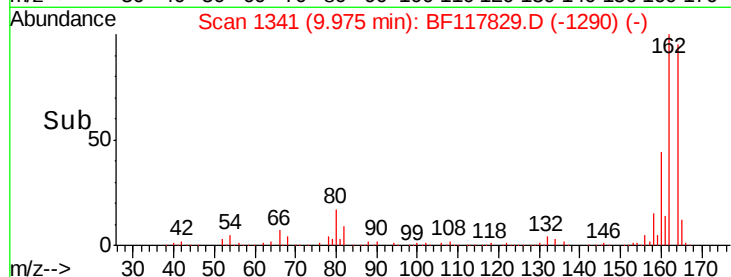


Abundance

Ion 164.00 (163.70 to 164.70): E

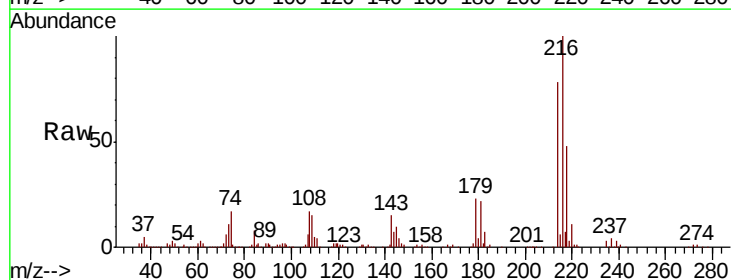
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.444 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	63.4	95.0	
179	22.8	18.2	27.4	
108	21.9	16.0	24.0	



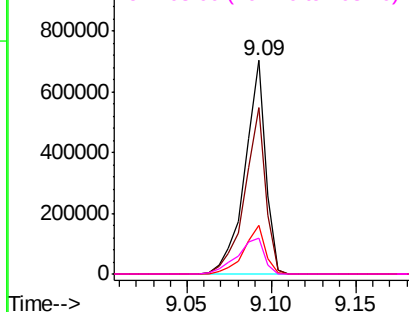
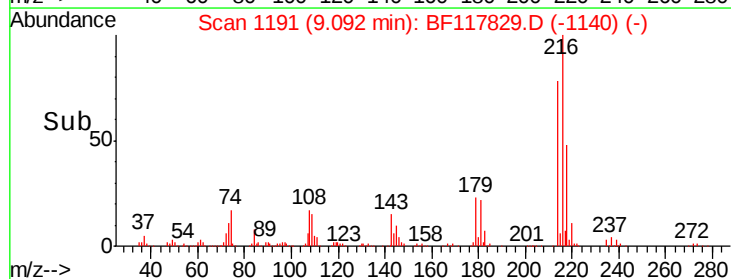
Abundance

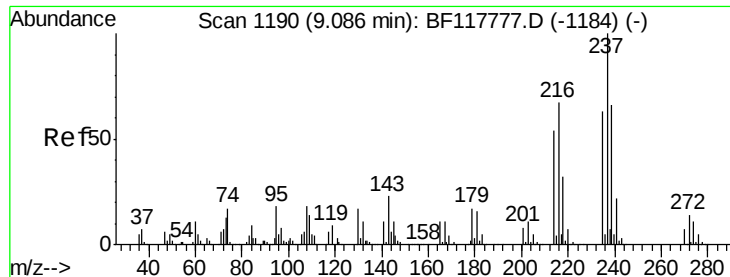
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.421 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

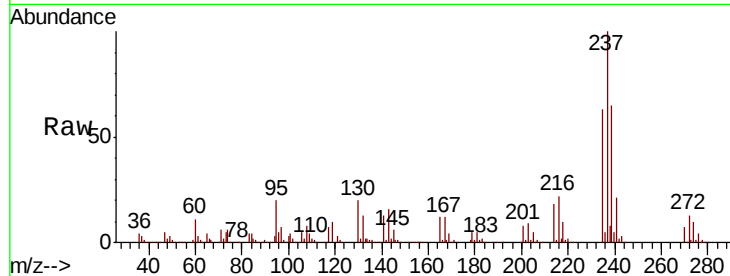
ClientSampleId :

PB124881BSD

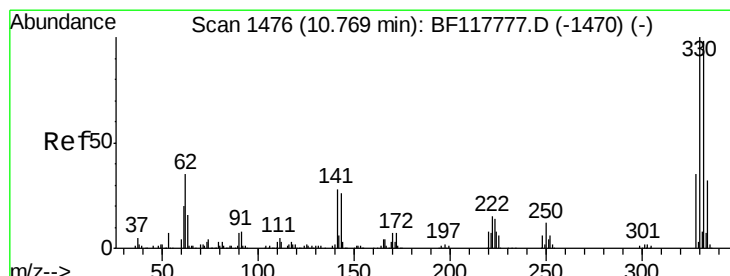
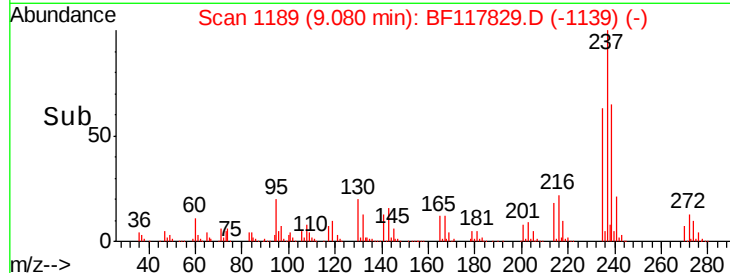
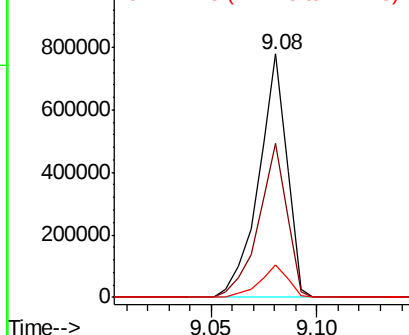
Tot Ion:	237	Resp:	724624
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.6	82.6
272	13.1	0.0	34.3

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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: 120.548 ng

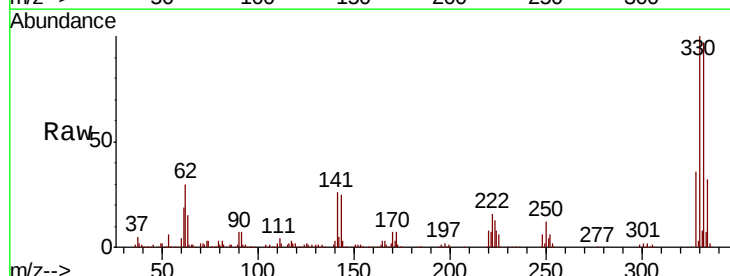
RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

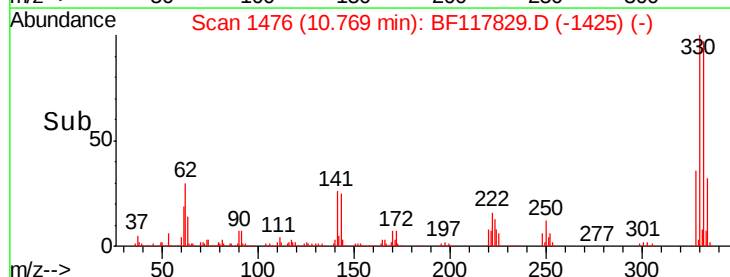
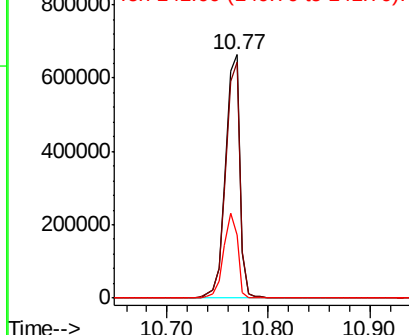
Lab File: BF117829.D

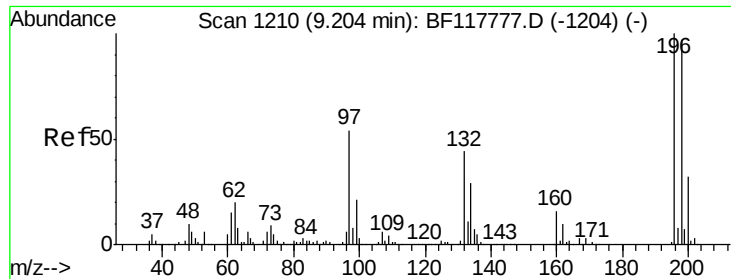
Acq: 18 Nov 2019 12:26

Tgt Ion:	330	Resp:	657529
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.7	115.1
141	34.5	27.7	41.5



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





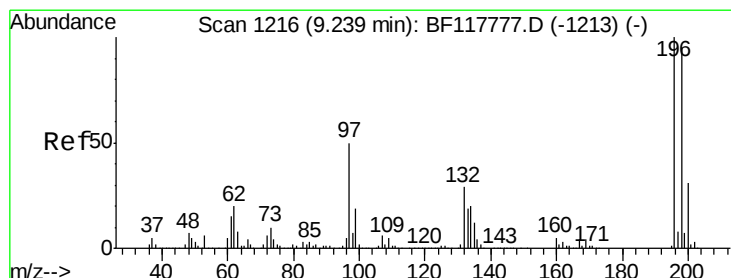
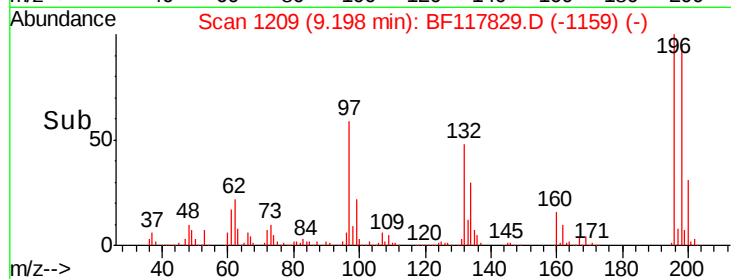
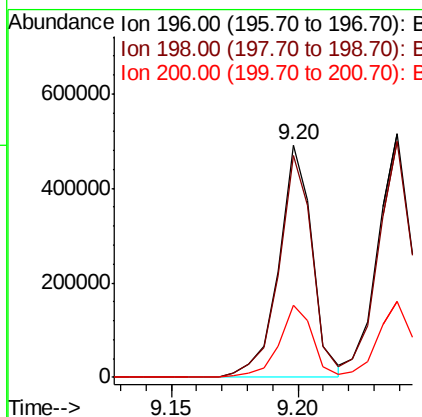
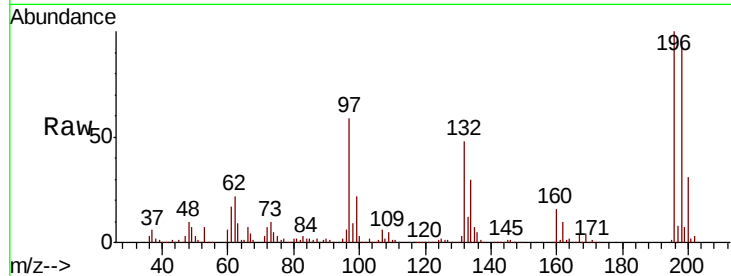
#43
 2,4,6-Trichlorophenol
 Concen: 42.329 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB124881BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	453637		
198	95.3	77.8	116.6	
200	31.0	25.4	38.0	

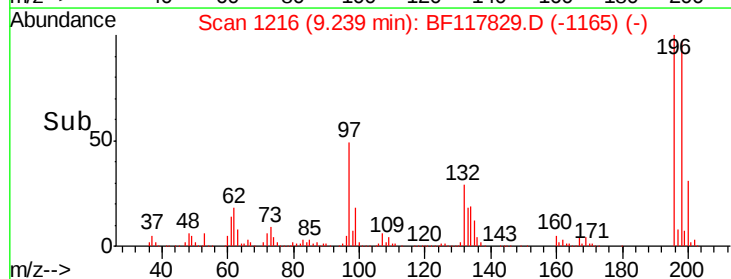
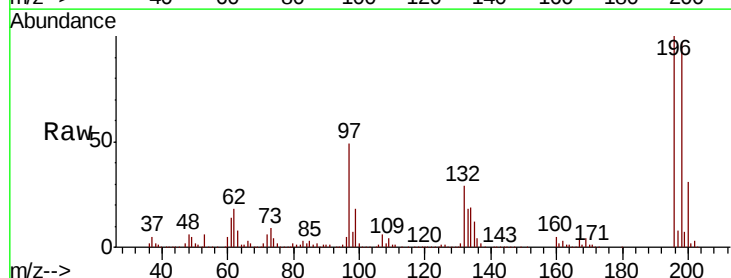
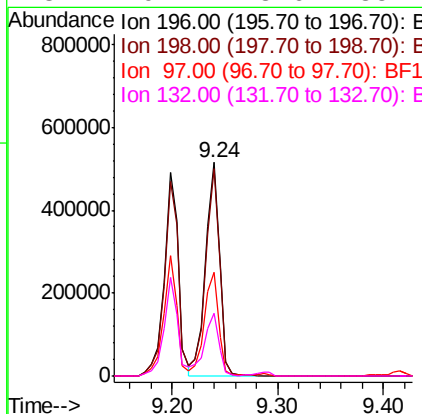
Manual Integrations
 APPROVED

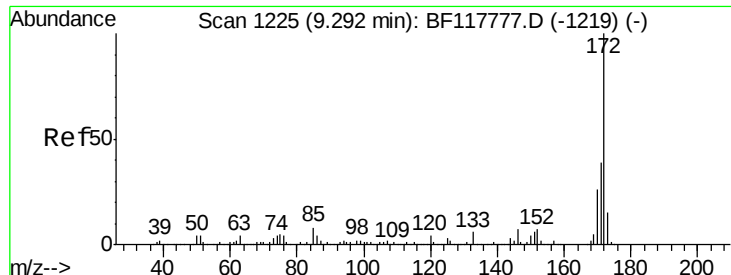
mohammad
 11/19/2019 2:35:26 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.915 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	477518		
198	96.9	76.3	114.5	
97	48.7	40.0	60.0	
132	29.1	23.6	35.4	





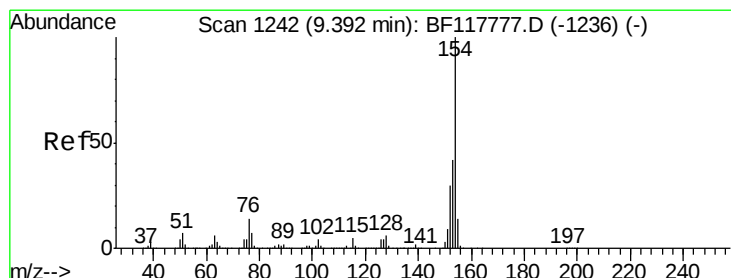
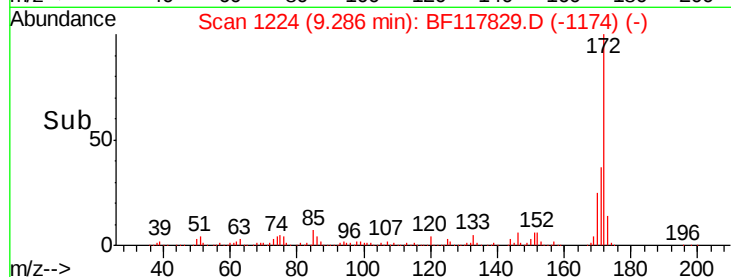
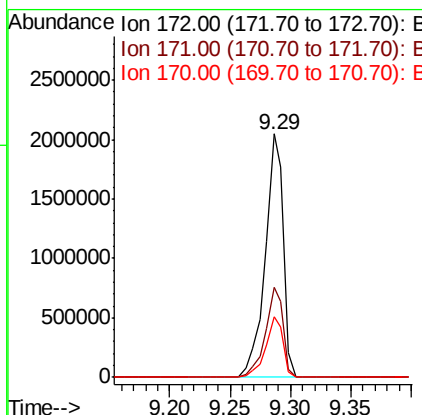
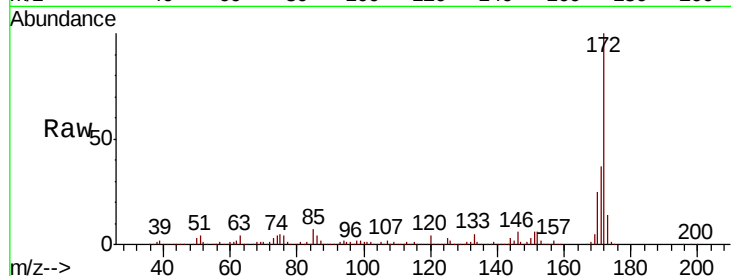
#45
2-Fluorobiphenyl
Concen: 73.729 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.9	46.3
170	25.0	21.0	31.4

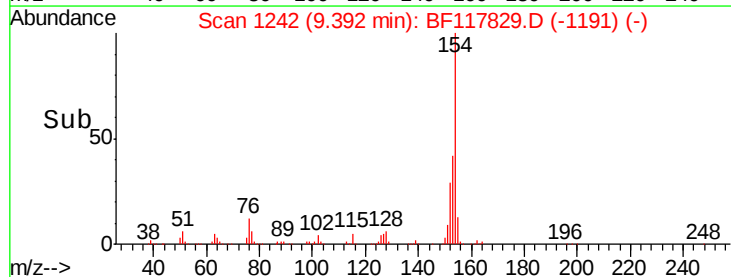
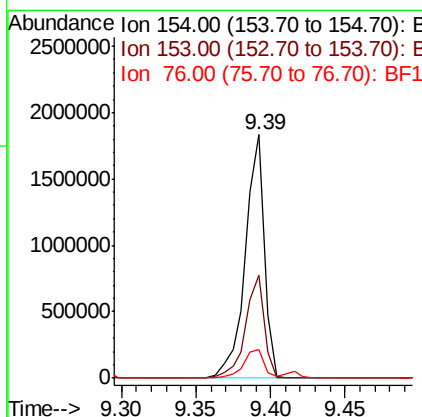
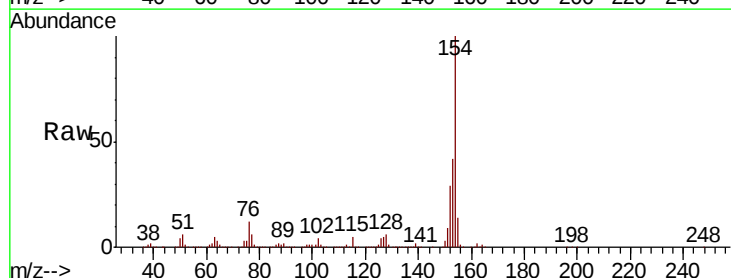
Manual Integrations
APPROVED

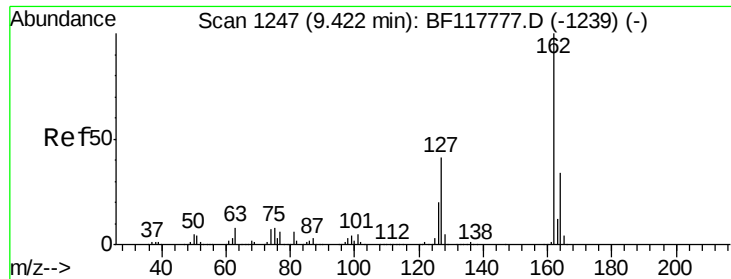
mohammad
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#46
1,1'-Biphenyl
Concen: 42.455 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.9	61.9
76	11.8	0.0	33.6





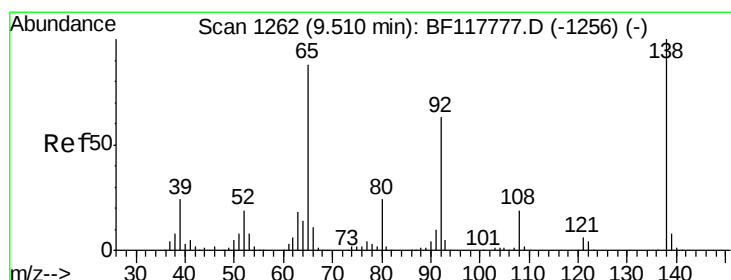
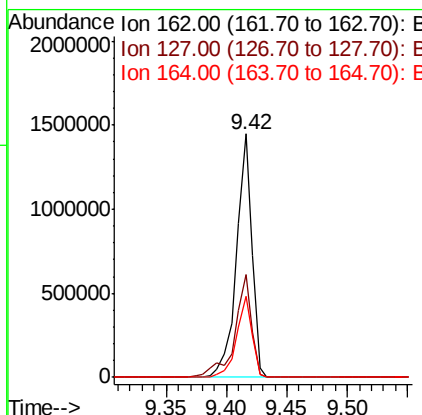
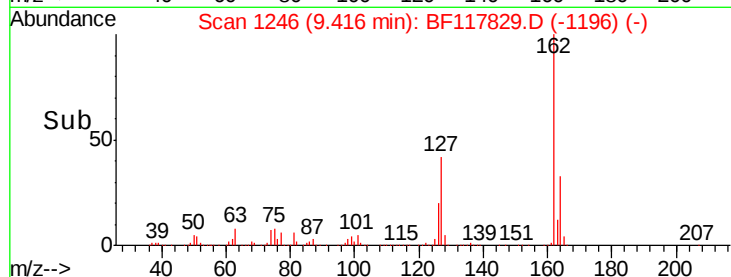
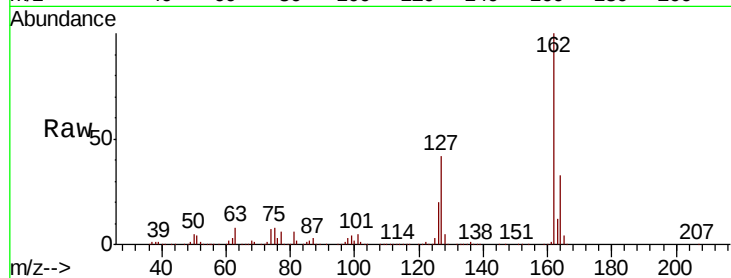
#47
2-Chloronaphthalene
Concen: 41.215 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.2	49.8
164	33.4	27.3	40.9

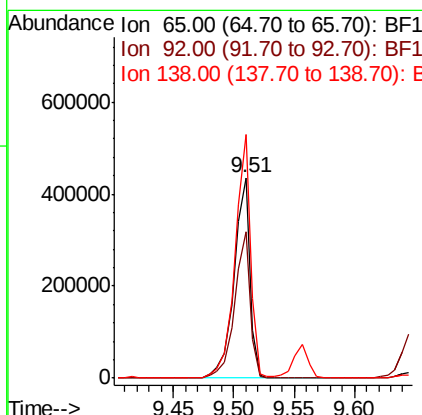
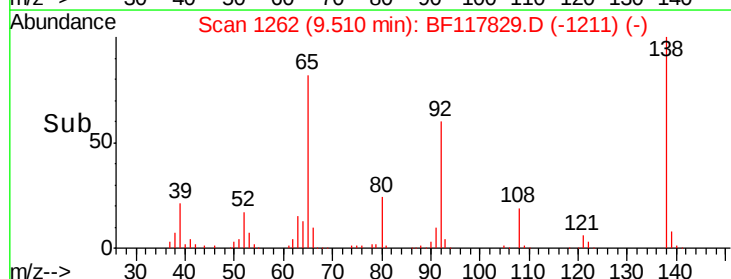
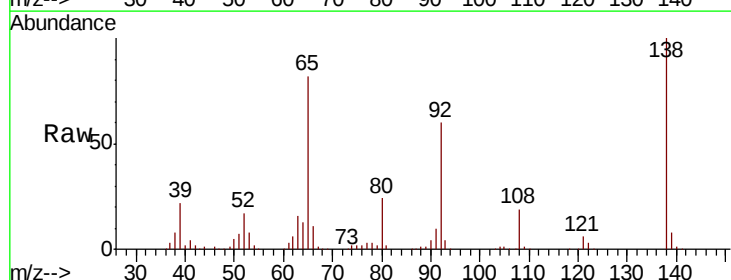
Manual Integrations
APPROVED

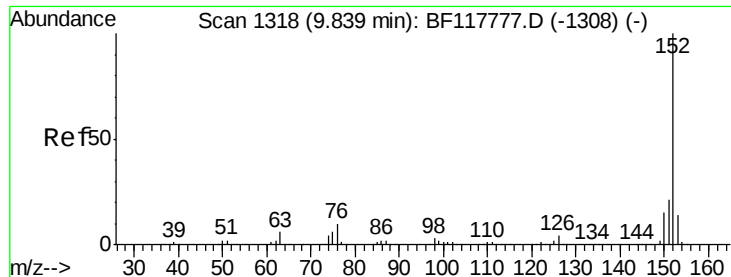
mohammad
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#48
2-Nitroaniline
Concen: 42.320 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	56.6	84.8
138	121.4	90.5	135.7





#49

Acenaphthylene

Concen: 44.140 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

PB124881BSD

Tot Ion:152 Resp: 2023612

Ion Ratio Lower Upper

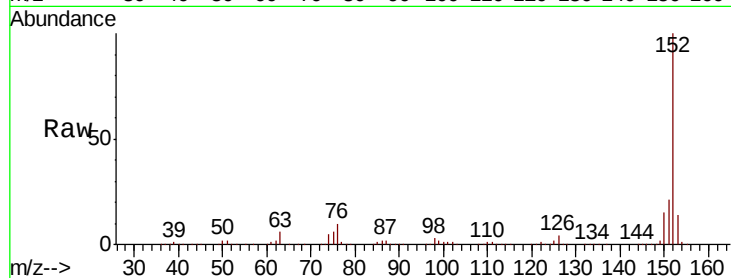
152 100

151 21.2 17.0 25.6

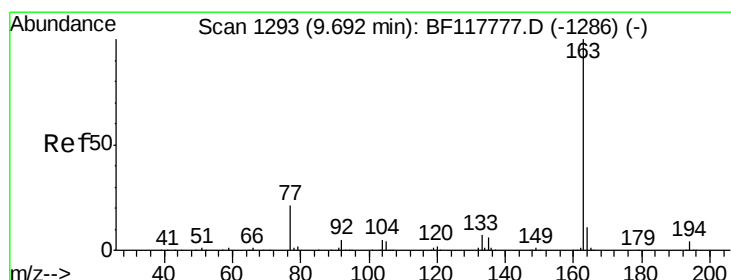
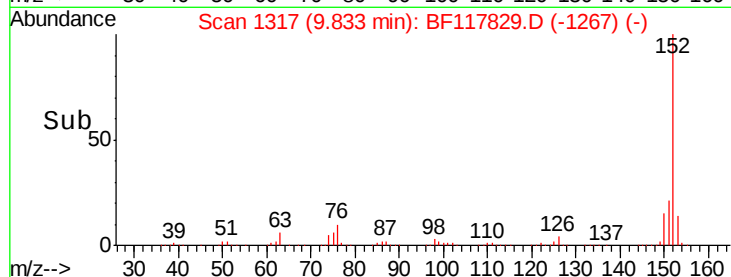
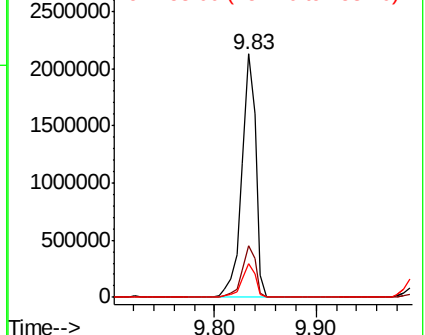
153 14.0 11.0 16.6

Manual Integrations
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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: 41.063 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

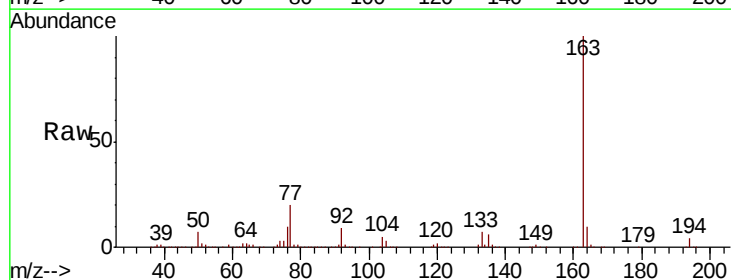
Tgt Ion:163 Resp: 1483561

Ion Ratio Lower Upper

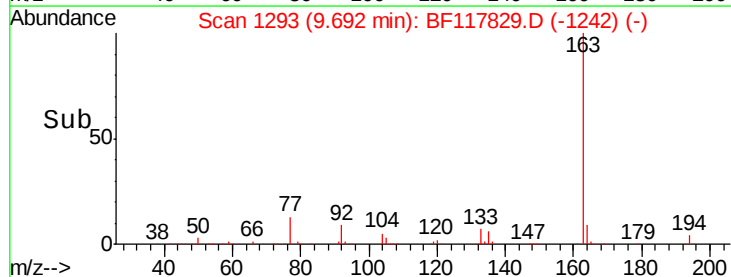
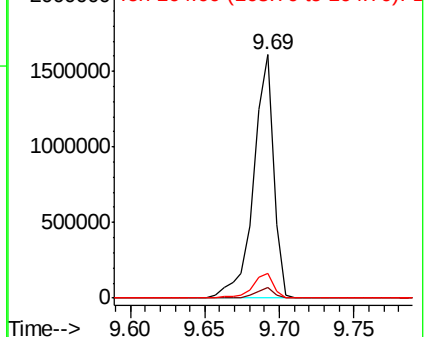
163 100

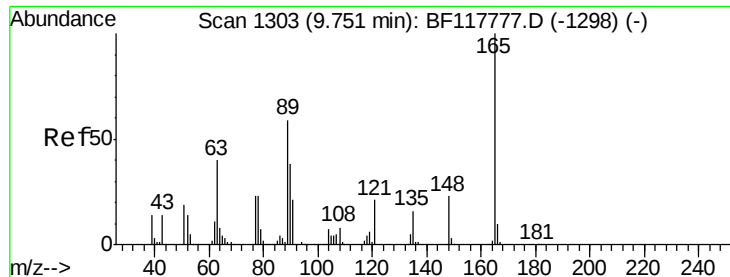
194 4.2 3.3 4.9

164 10.4 8.7 13.1



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





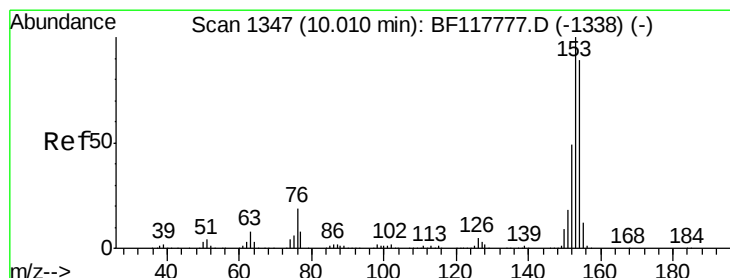
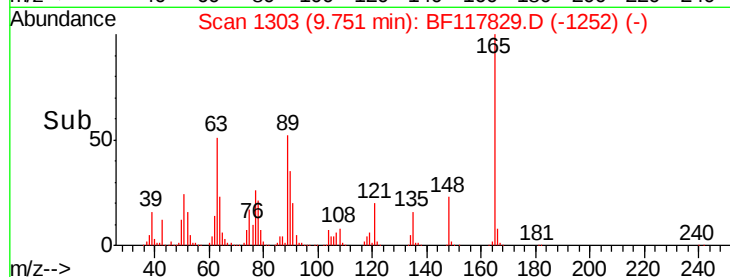
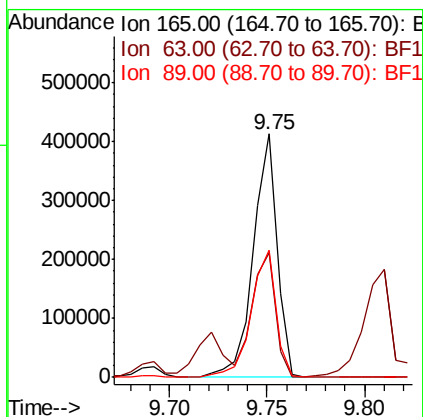
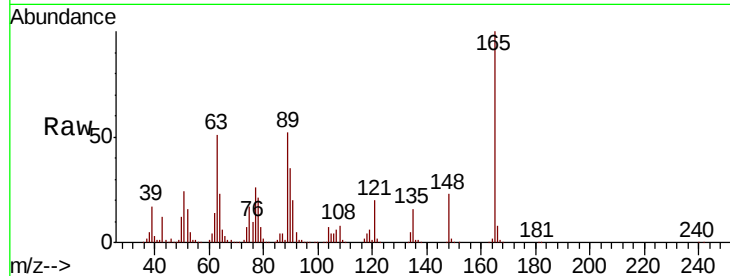
#51
2,6-Dinitrotoluene
Concen: 44.479 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	351211		
63	51.2	46.0	69.0	
89	52.4	47.7	71.5	

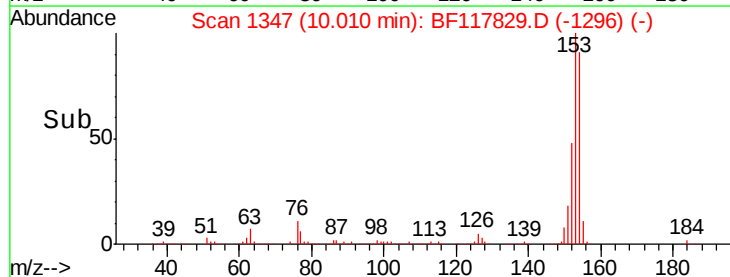
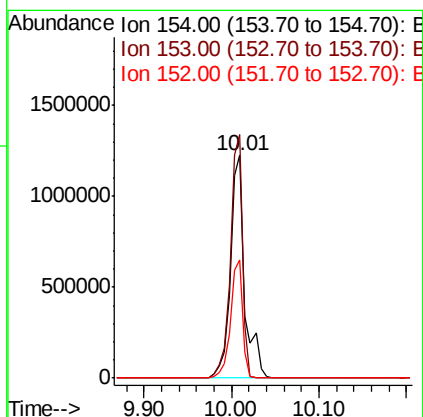
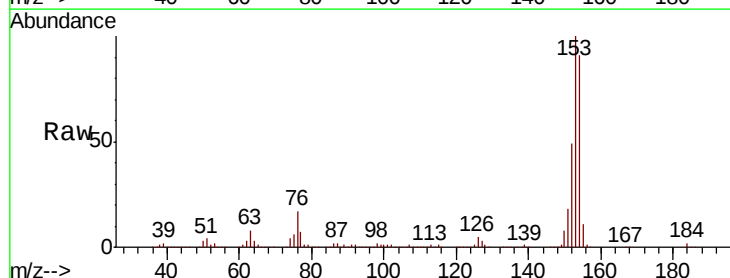
Manual Integrations
APPROVED

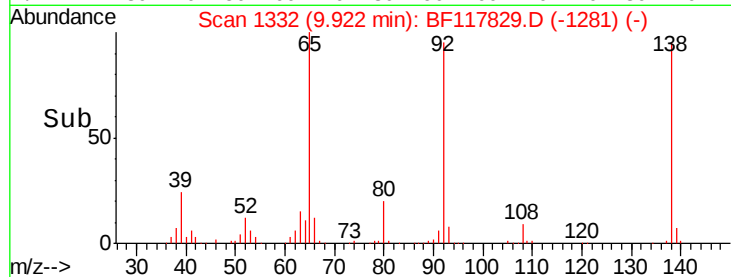
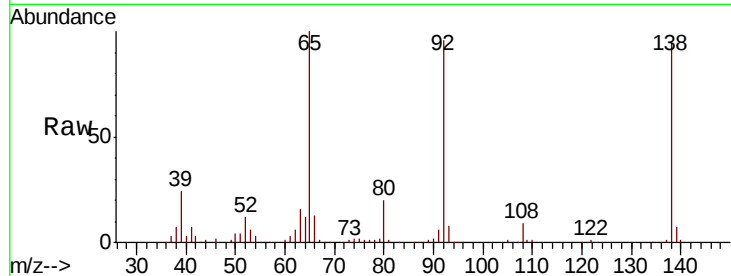
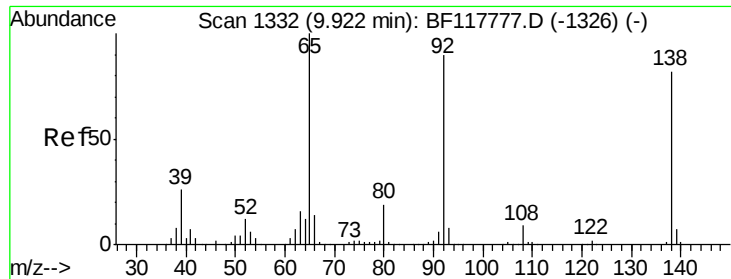
mohammad
11/19/2019 2:35:26 PM



#52
Acenaphthene
Concen: 46.707 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1371711		
153	109.4	90.1	135.1	
152	53.2	44.0	66.0	





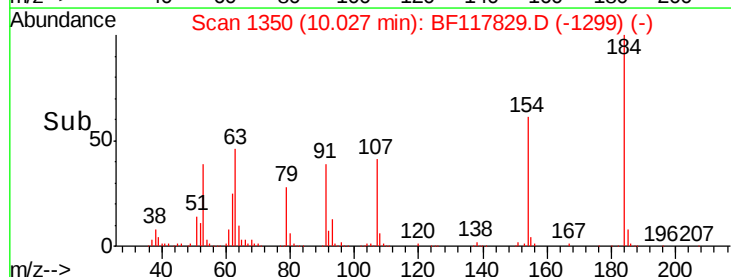
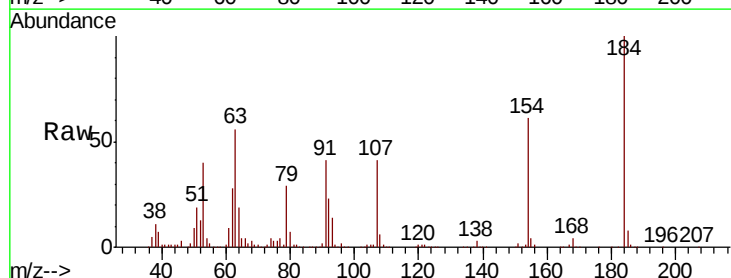
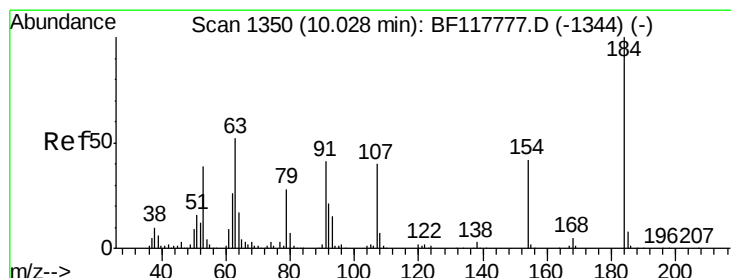
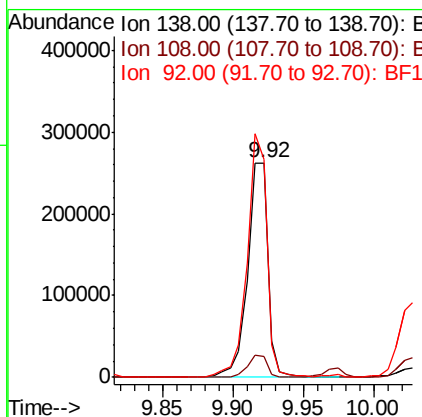
#53
3-Nitroaniline
Concen: 28.192 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.6	12.8
92	101.6	87.9	131.9

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

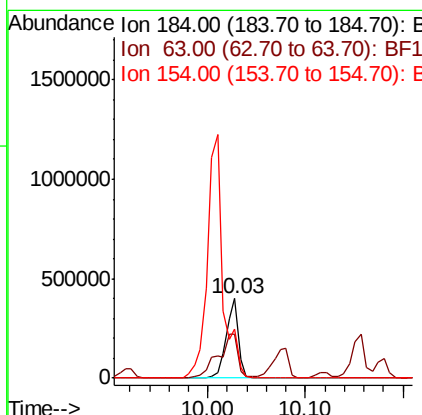
Manual Integrations
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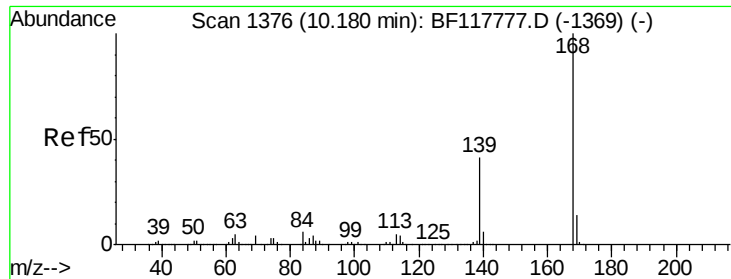
mohammad
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#54
2,4-Dinitrophenol
Concen: 85.067 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	43.0	64.6
154	61.4	48.0	72.0





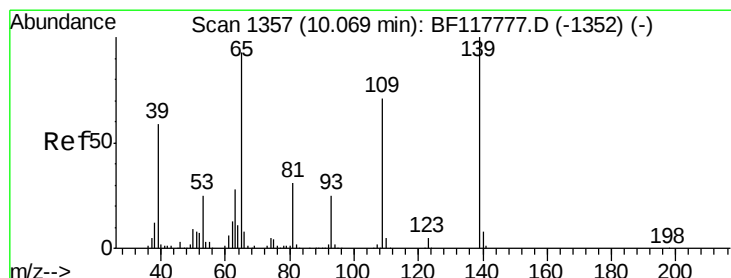
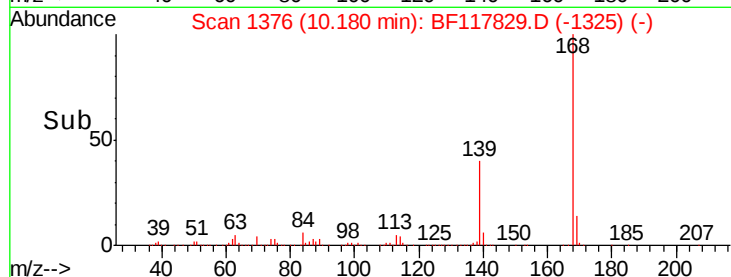
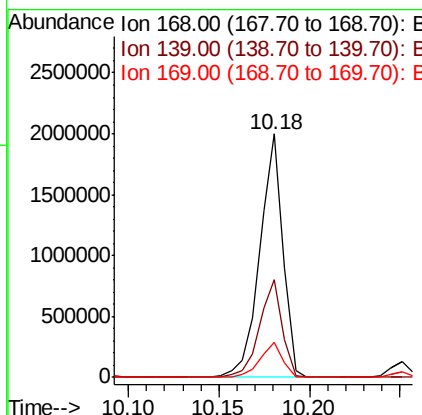
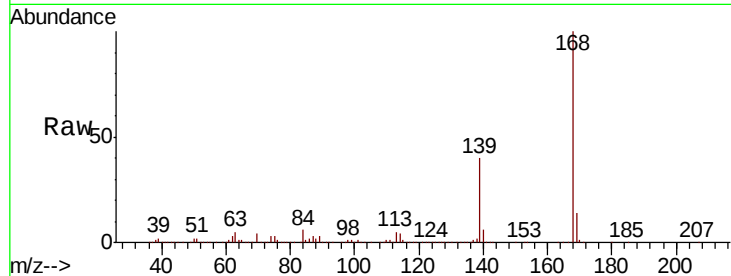
#55
Dibenzenofuran
Concen: 43.632 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	33.0	49.6
169	14.4	11.5	17.3

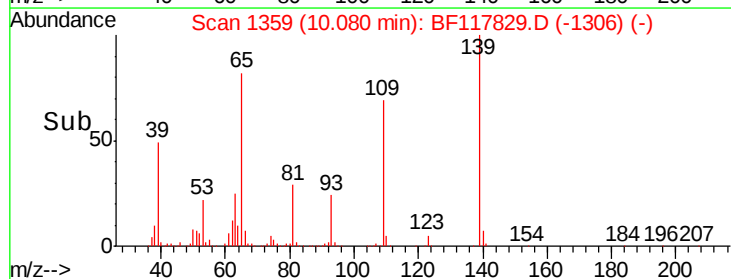
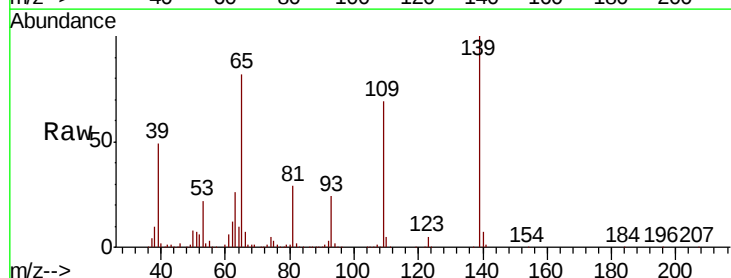
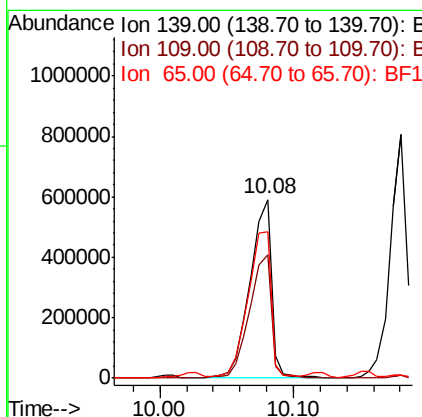
Manual Integrations
APPROVED

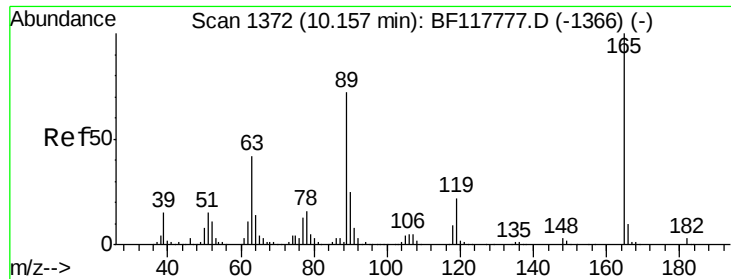
mohammad
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#56
4-Nitrophenol
Concen: 91.881 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.9	50.8	90.8
65	82.1	73.6	113.6





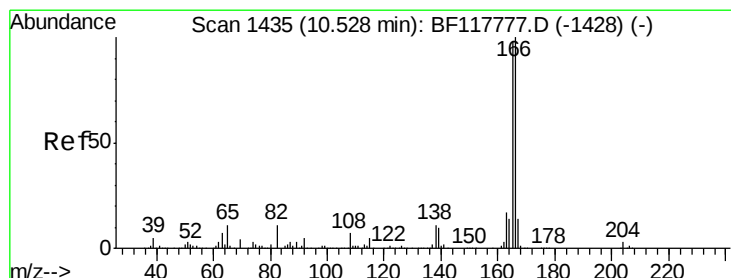
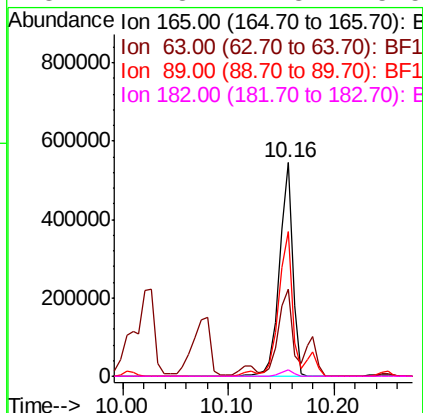
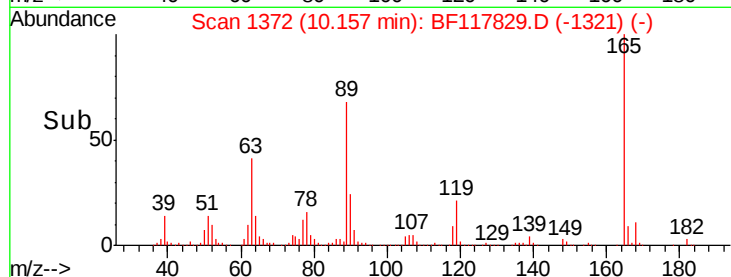
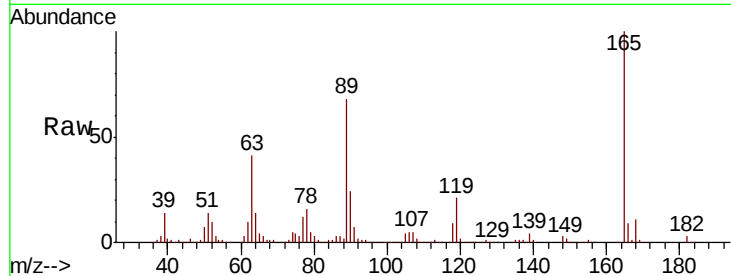
#57
2,4-Dinitrotoluene
Concen: 46.182 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	463866		
63	40.6	33.7	50.5	
89	67.6	57.3	85.9	
182	2.8	2.3	3.5	

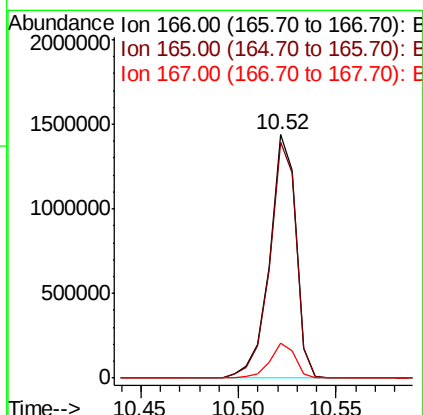
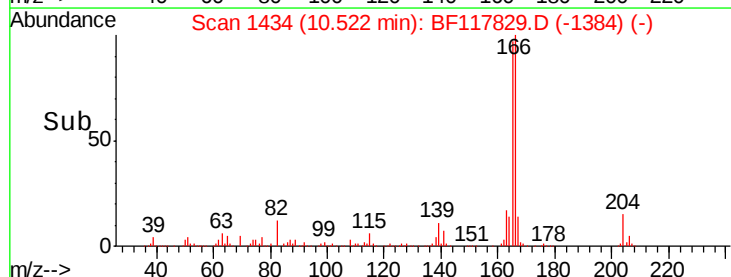
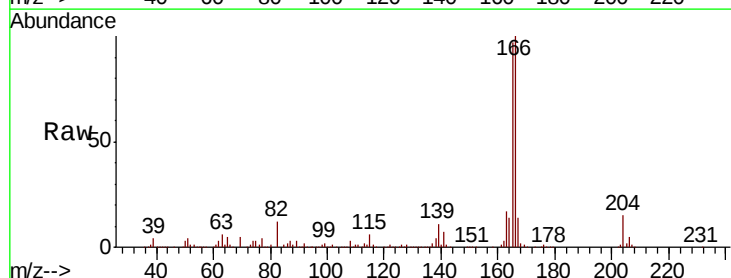
Manual Integrations
APPROVED

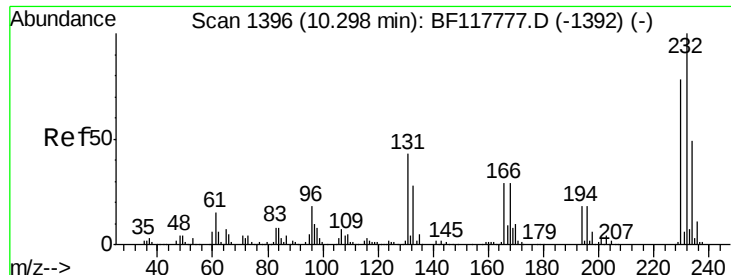
mohammad
11/19/2019 2:35:26 PM



#58
Fluorene
Concen: 42.563 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1341366		
165	96.8	78.4	117.6	
167	14.2	11.0	16.4	





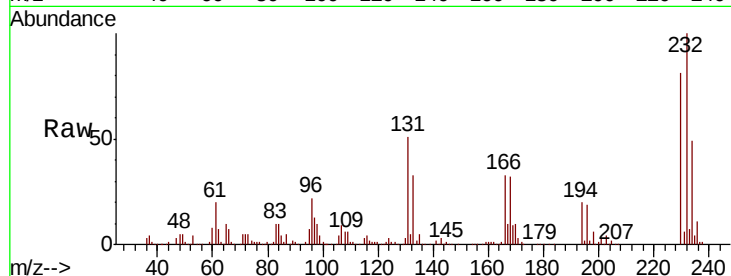
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.578 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB124881BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	398412		
131	47.1		37.6	56.4
130	2.4		1.9	2.9
166	30.8		24.2	36.4

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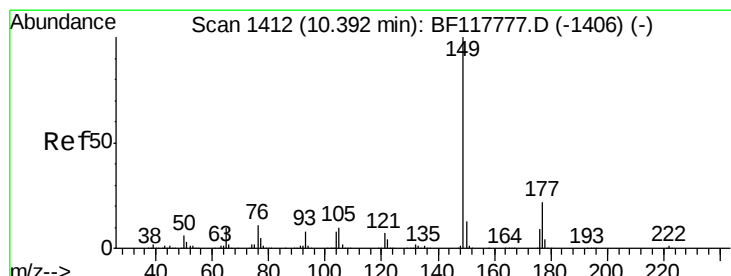
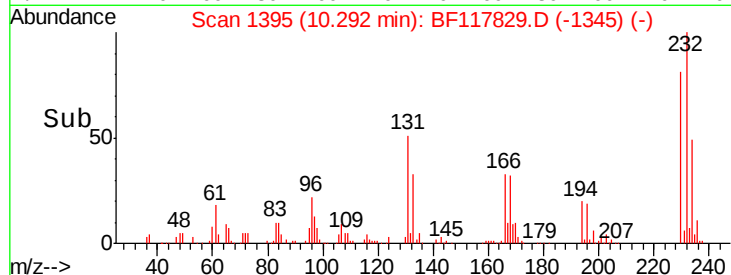
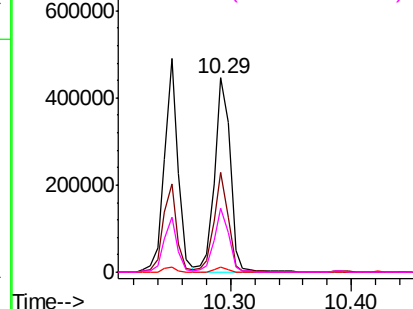
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

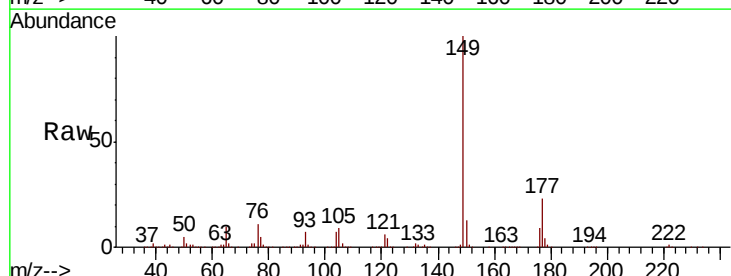
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.772 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1436133		
177	23.1		18.0	27.0
150	13.1		10.5	15.7

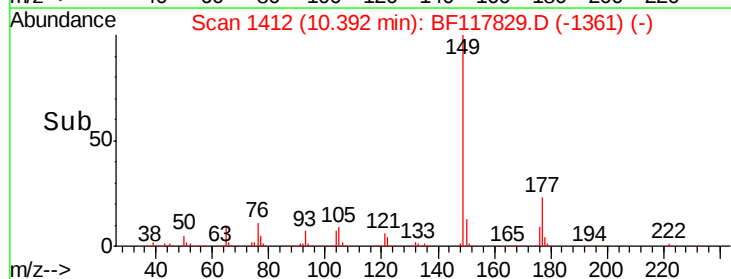
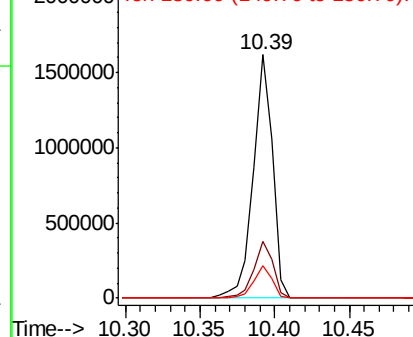


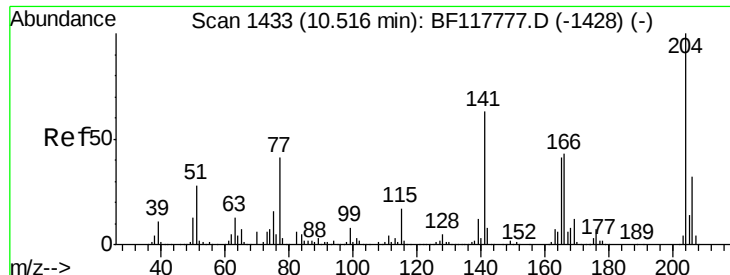
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





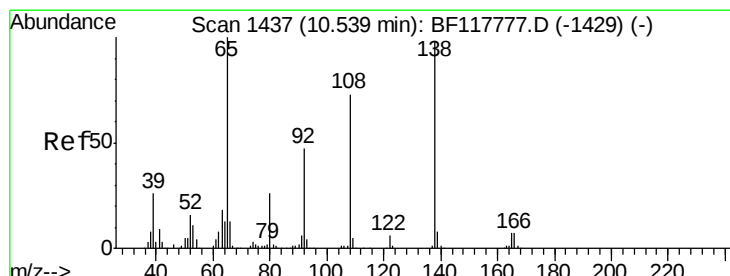
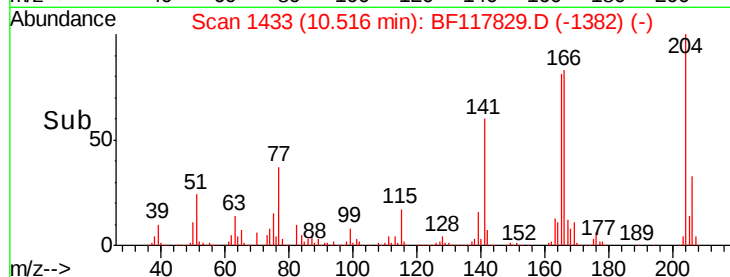
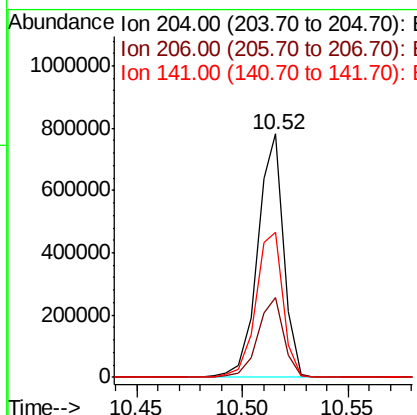
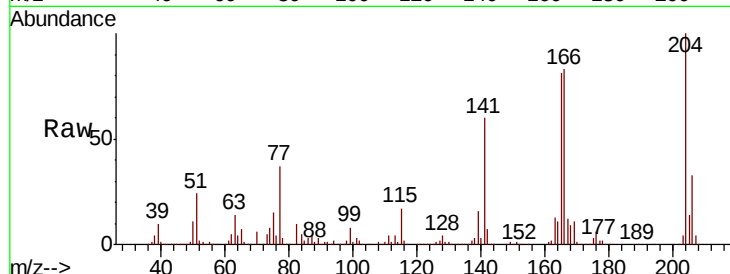
#61
 4-Chlorophenyl-phenylether
 Concen: 41.725 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB124881BSD

Tot Ion:	204	Resp:	667321
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.6	38.4
141	59.5	50.7	76.1

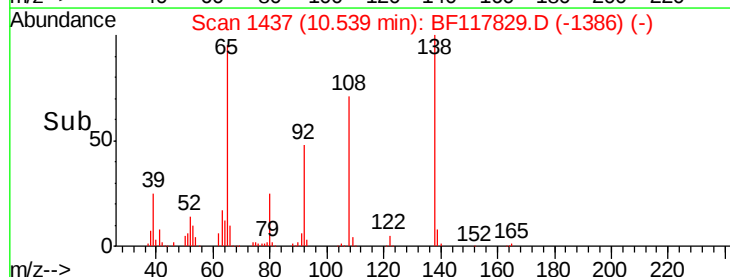
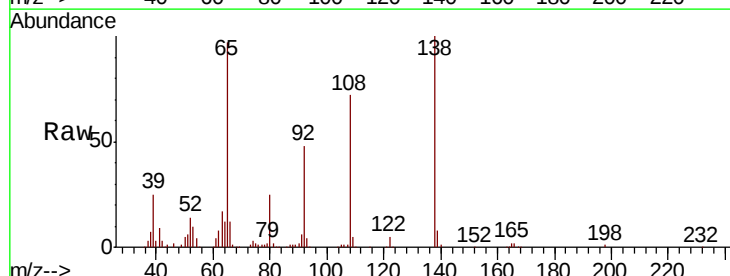
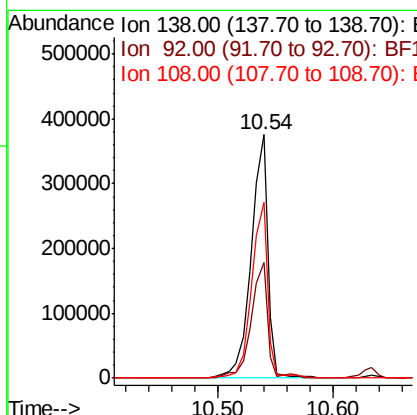
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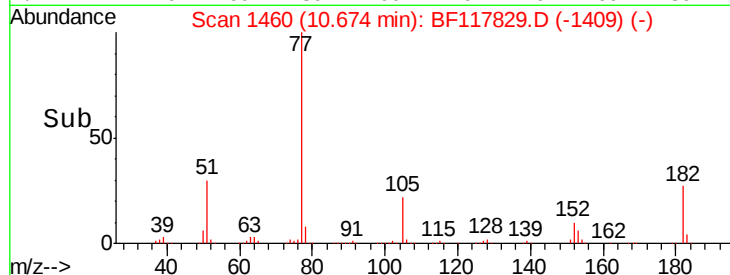
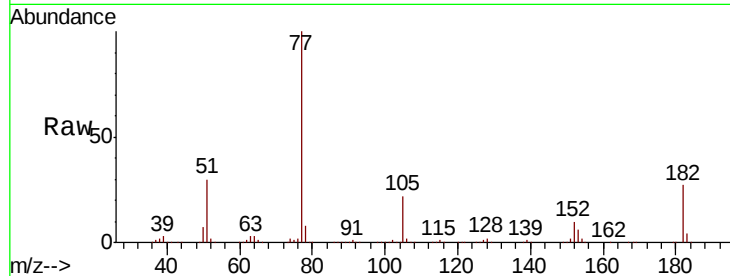
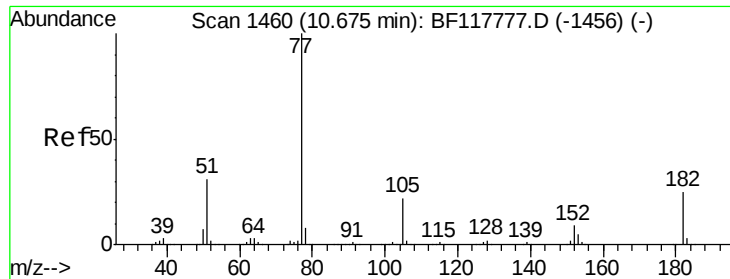
mohammad
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#62
 4-Nitroaniline
 Concen: 39.786 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion:	138	Resp:	376384
Ion Ratio	Lower	Upper	
138	100		
92	47.7	28.3	68.3
108	72.3	54.3	94.3





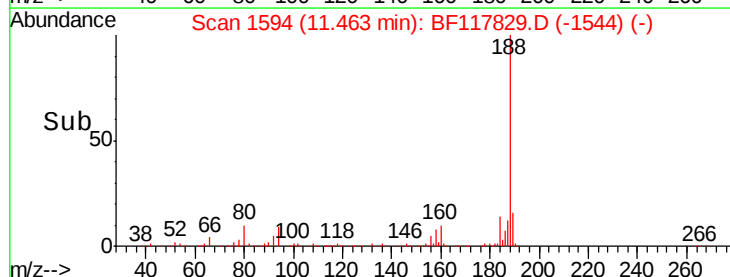
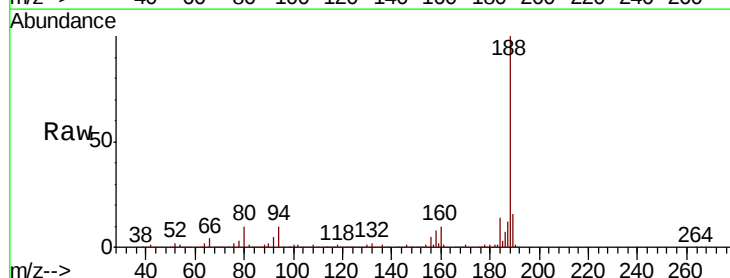
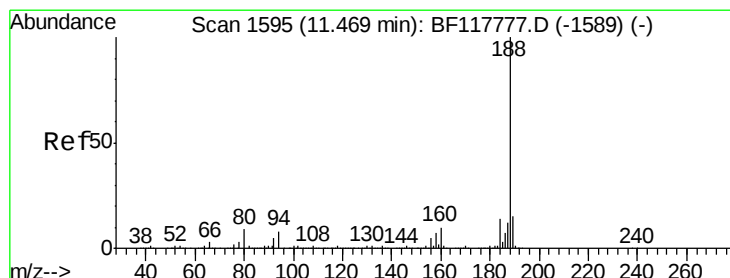
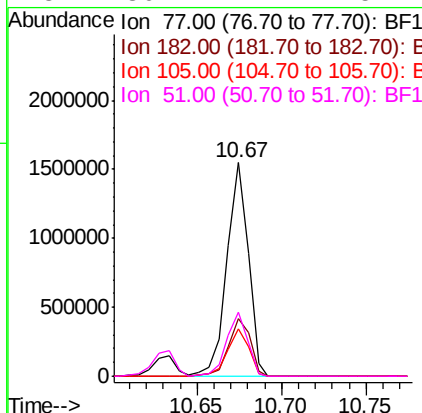
#63
Azobenzene
Concen: 42.322 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	4.8	44.8
105	22.2	2.1	42.1
51	30.1	11.4	51.4

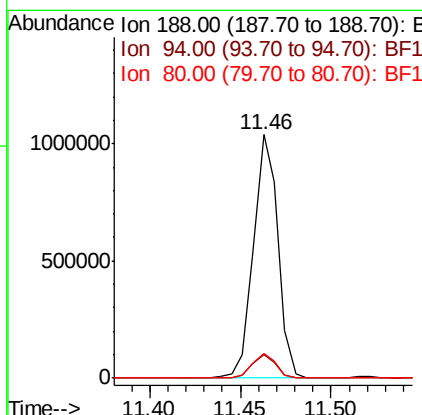
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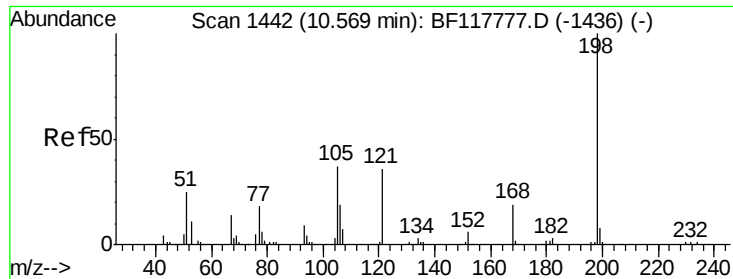
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.6	10.0
80	10.4	7.2	10.8





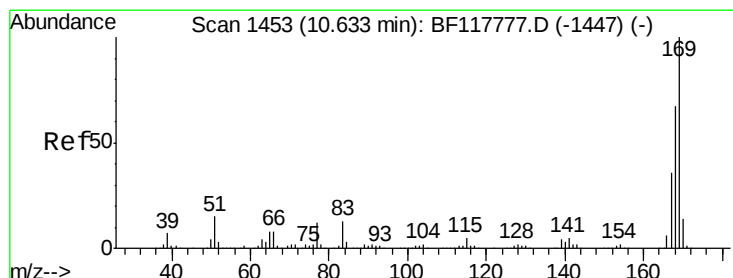
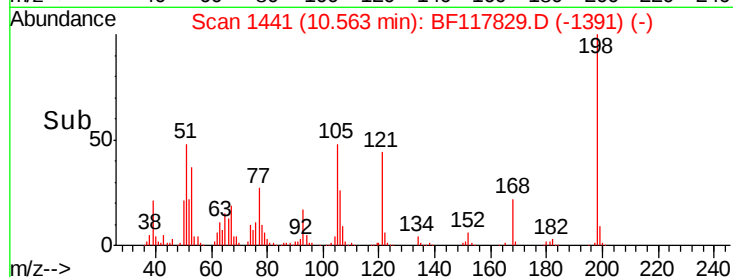
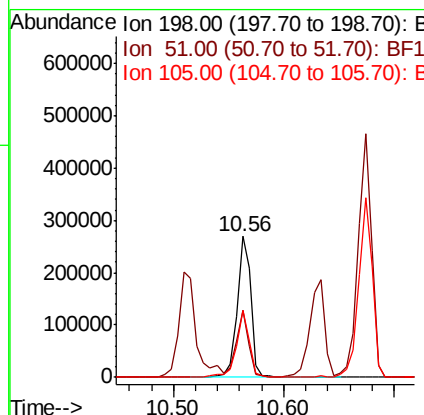
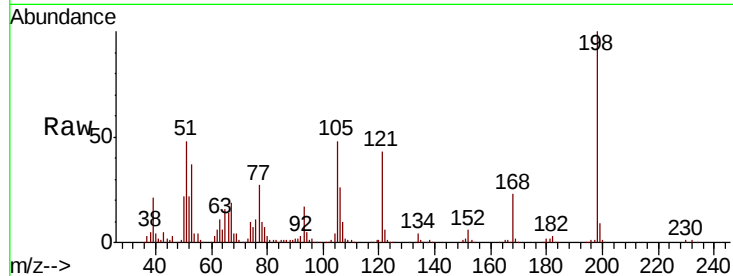
#65
4,6-Dinitro-2-methylphenol
Concen: 52.042 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	235505		
51	47.7	16.0	56.0	
105	47.5	19.1	59.1	

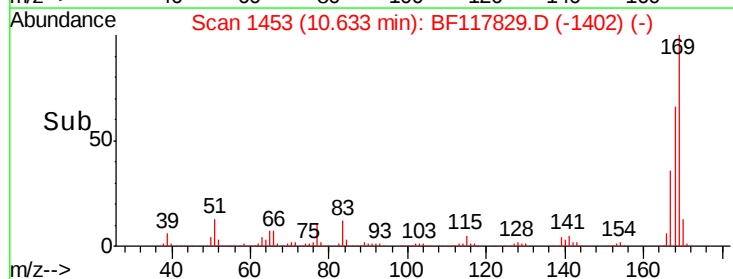
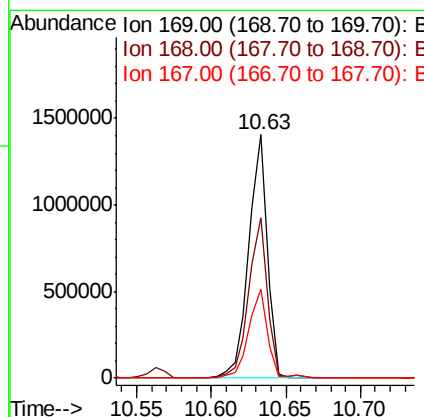
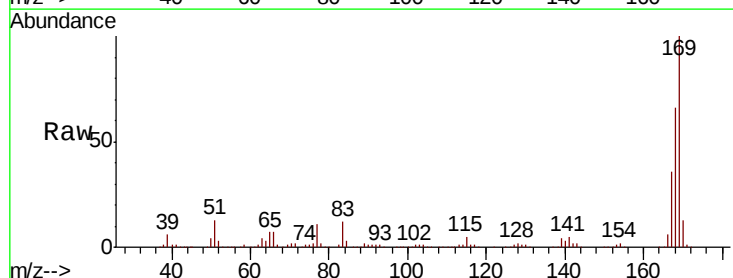
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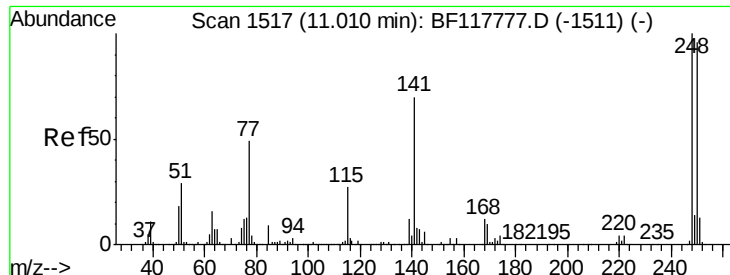
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#66
n-Nitrosodiphenylamine
Concen: 43.141 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1217038		
168	65.9	53.5	80.3	
167	36.4	29.0	43.4	





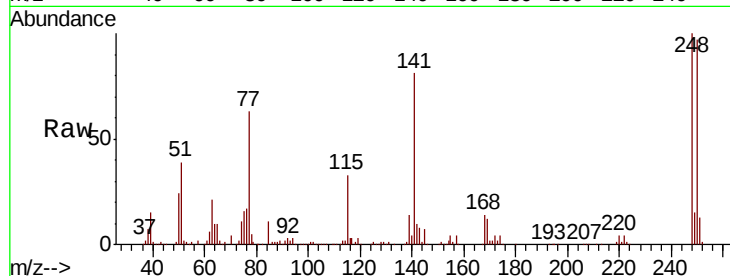
#67
4-Bromophenyl-phenylether
Concen: 40.728 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.6	115.0
141	80.7	55.9	83.9

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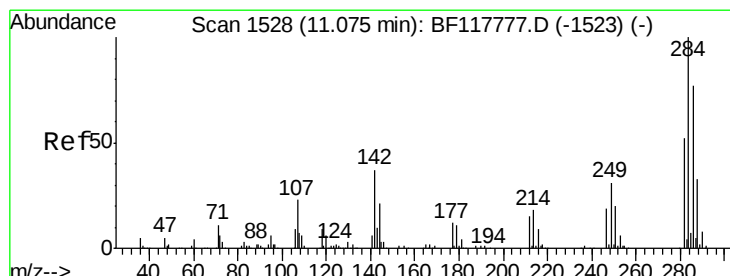
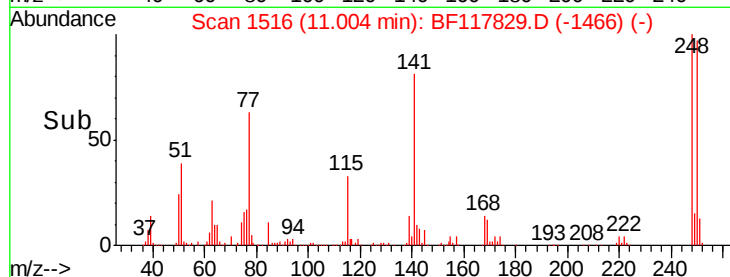
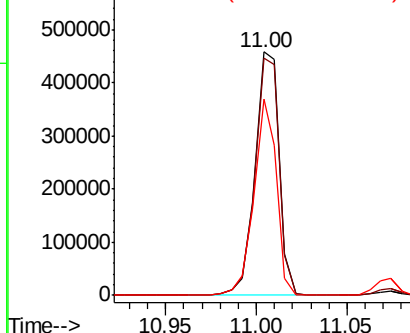


Abundance

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: 40.502 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

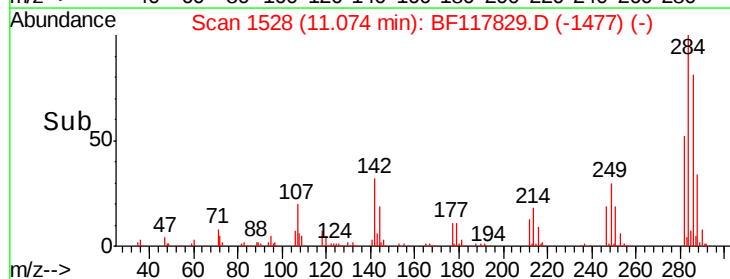
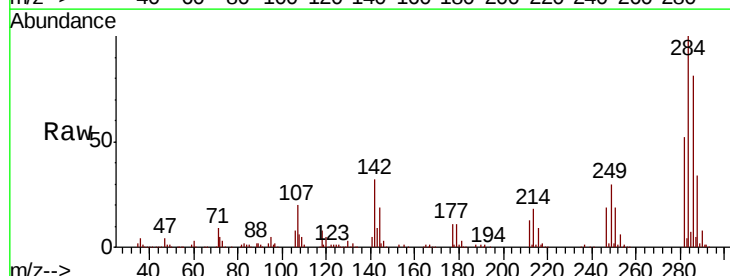
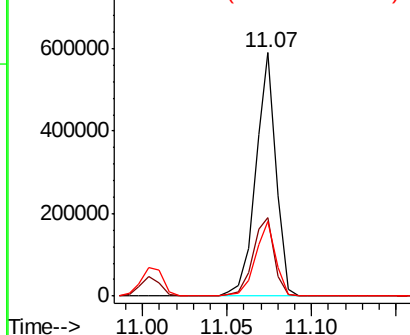
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	29.4	44.2
249	30.4	24.6	37.0

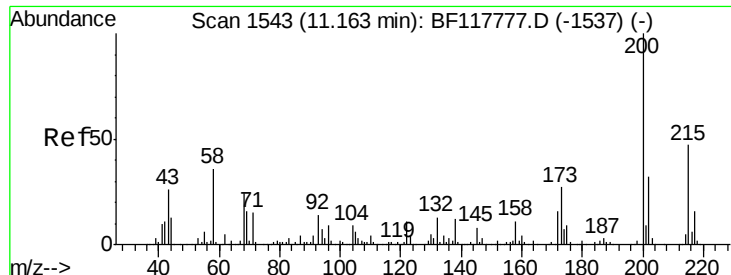
Abundance

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





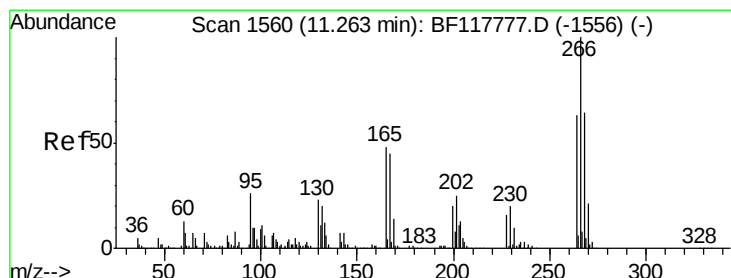
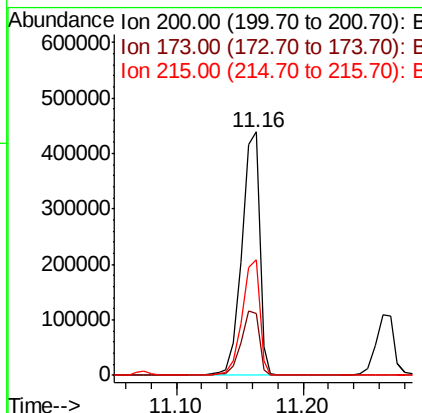
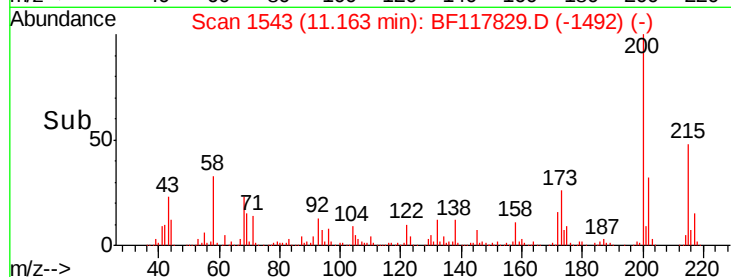
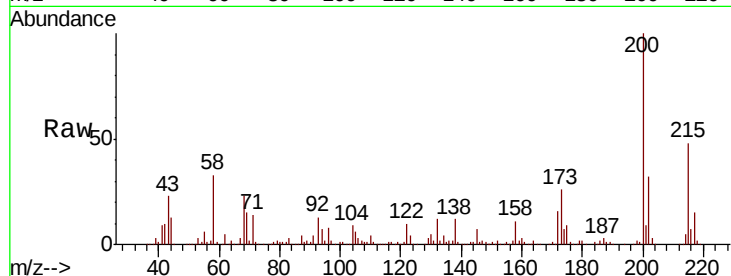
#69
Atrazine
Concen: 45.449 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.7	46.7
215	47.7	27.5	67.5

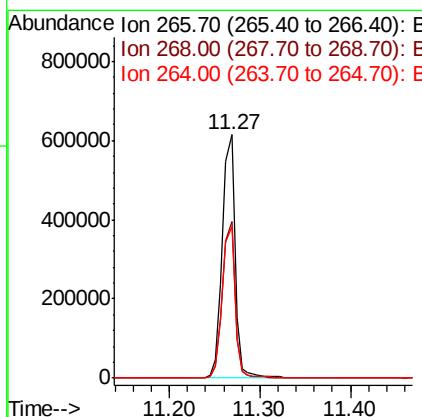
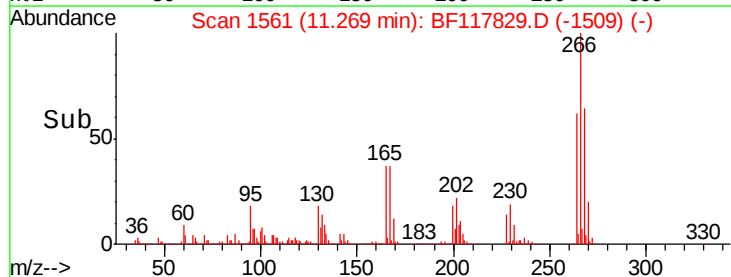
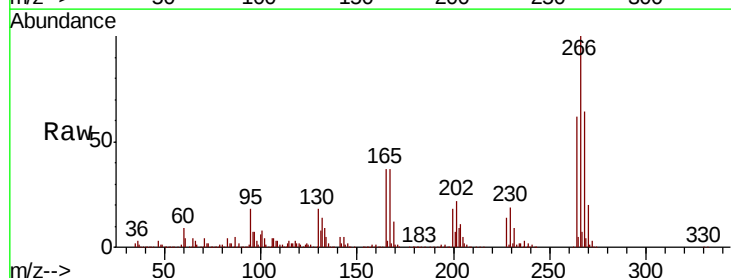
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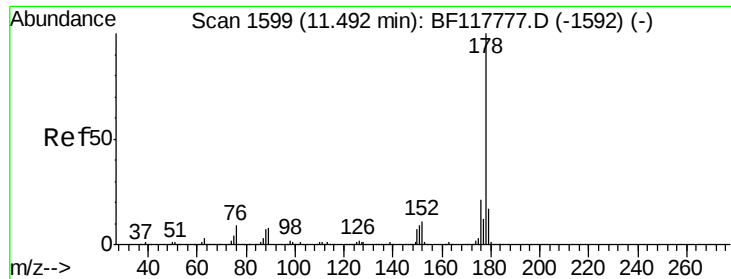
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#70
Pentachlorophenol
Concen: 84.358 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.8	76.2
264	62.5	50.7	76.1





#71

Phenanthrene

Concen: 42.153 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

PB124881BSD

Tot Ion:178 Resp: 2054360

Ion Ratio Lower Upper

178 100

176 20.9 16.6 25.0

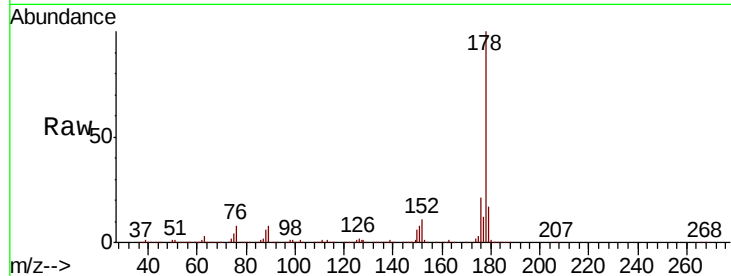
179 16.6 13.2 19.8

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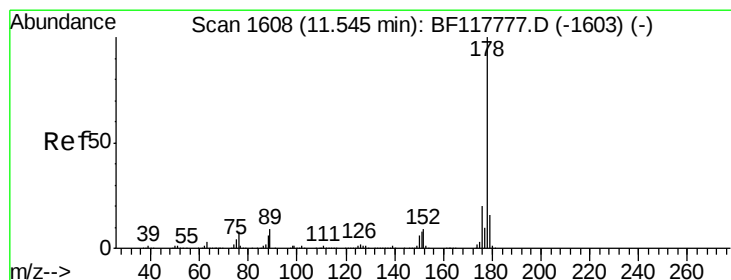
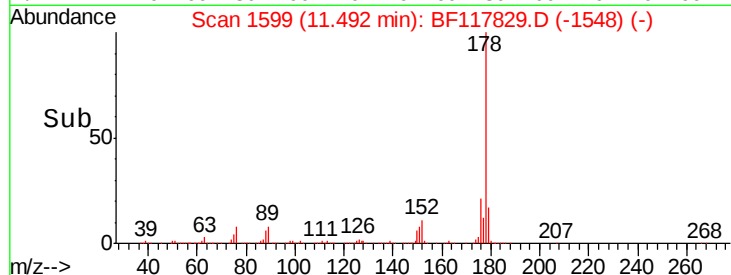
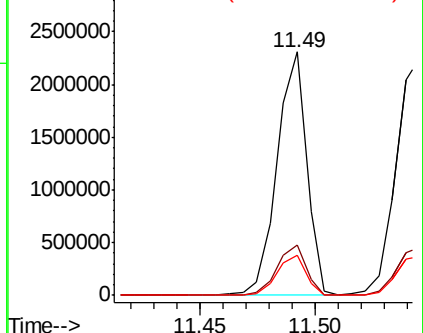


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.671 ng

RT: 11.55 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Tgt Ion:178 Resp: 2110193

Ion Ratio Lower Upper

178 100

176 20.5 16.1 24.1

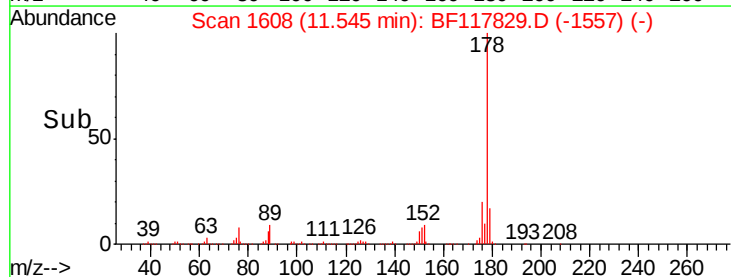
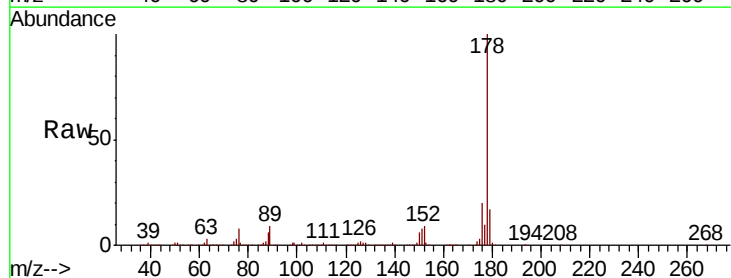
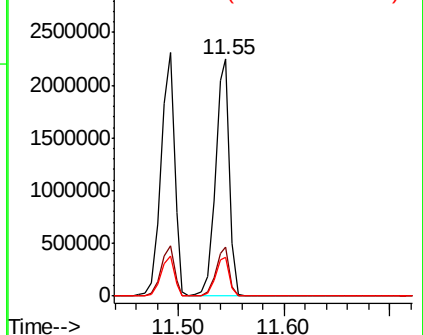
179 16.6 13.0 19.4

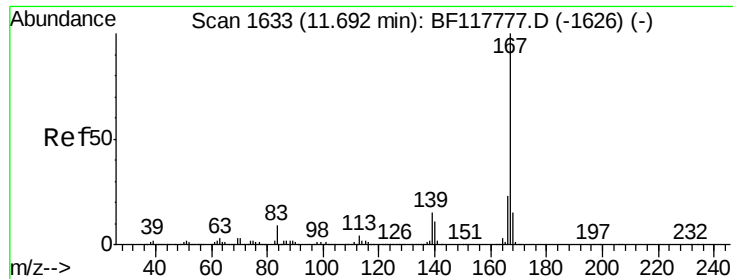
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





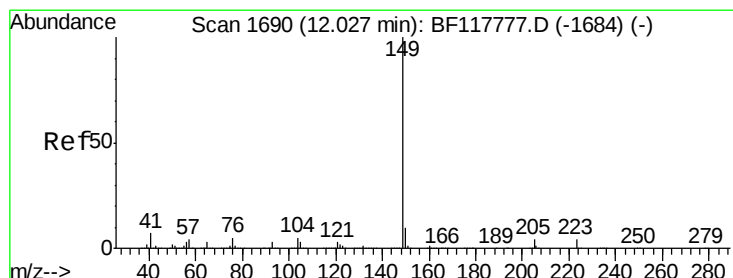
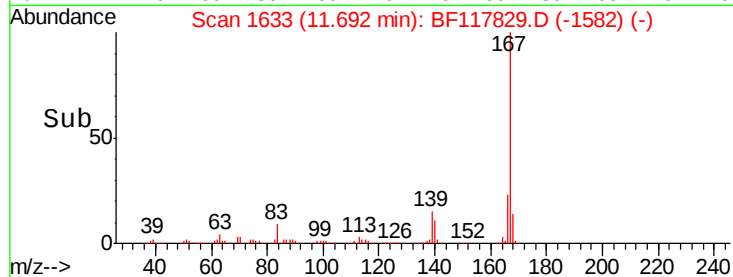
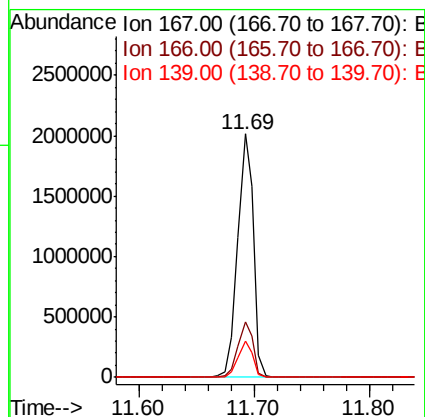
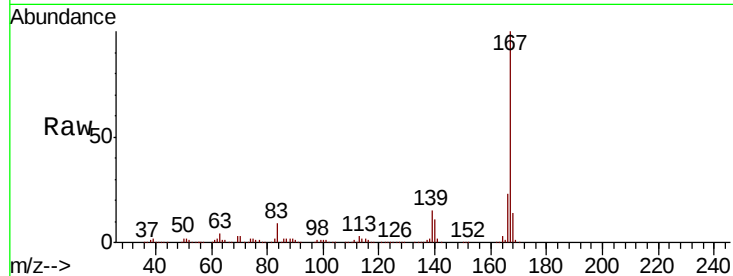
#73
 Carbazole
 Concen: 45.102 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB124881BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.0	27.0
139	14.8	11.7	17.5

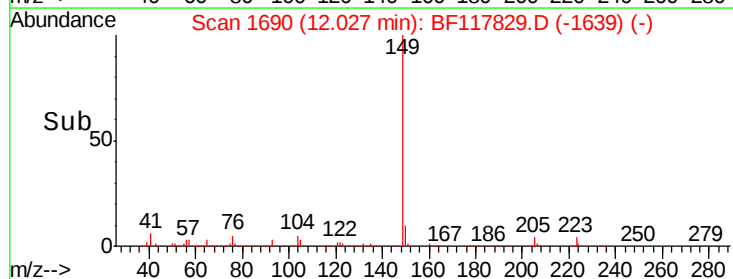
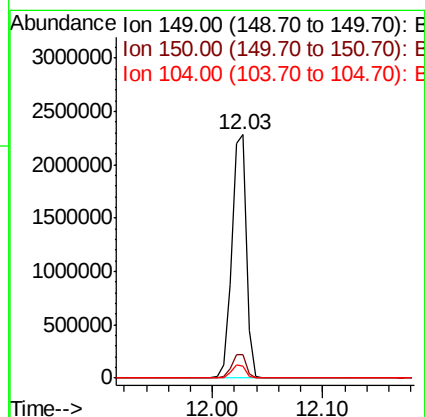
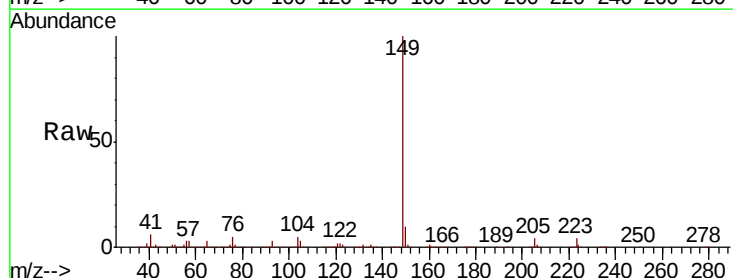
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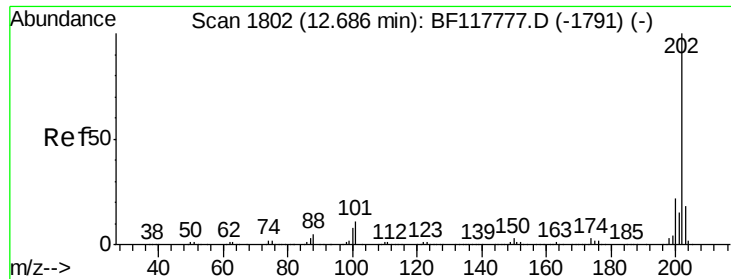
mohammad
 11/19/2019 2:35:26 PM



#74
 Di-n-butylphthalate
 Concen: 40.250 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	4.9	4.2	6.4





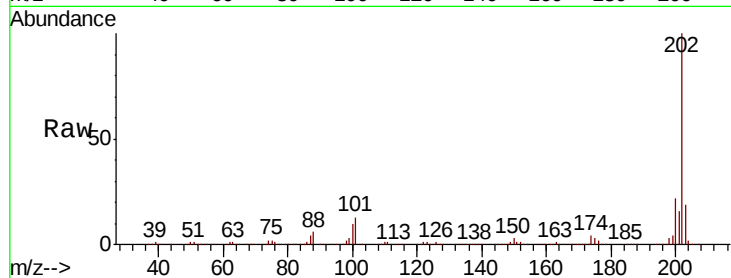
#75
 Fluoranthene
 Concen: 48.887 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB124881BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2140776		
101	13.1		0.0	31.1
203	18.7		0.0	38.2

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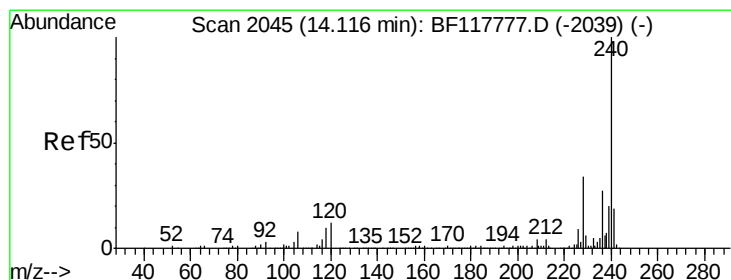
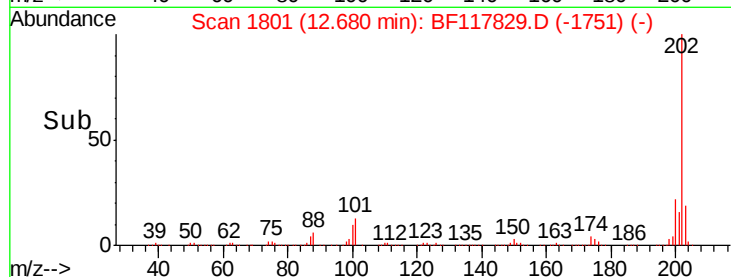
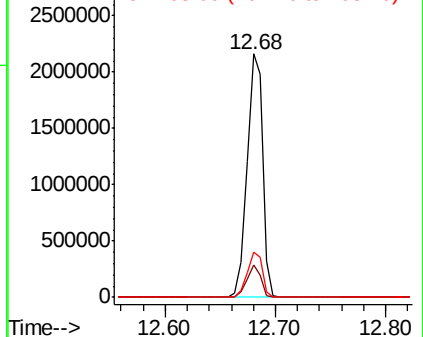


Abundance

Ion 202.00 (201.70 to 202.70): E

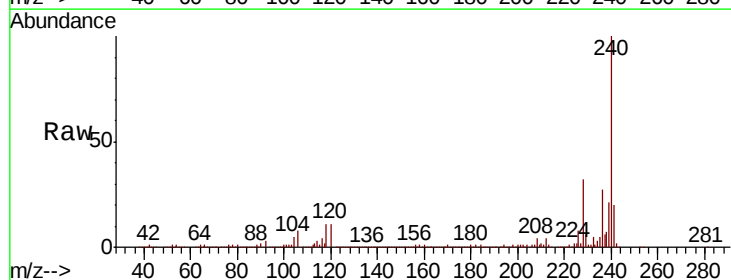
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	695227		
120	11.4		9.5	14.3
236	27.4		21.3	31.9

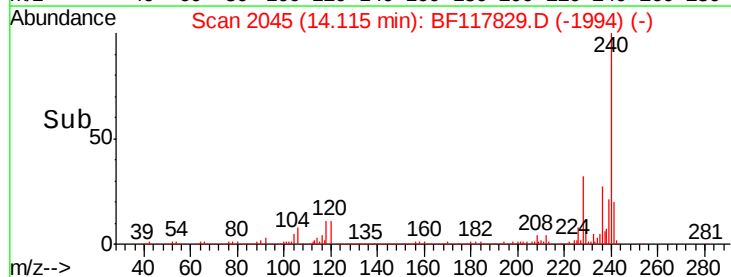
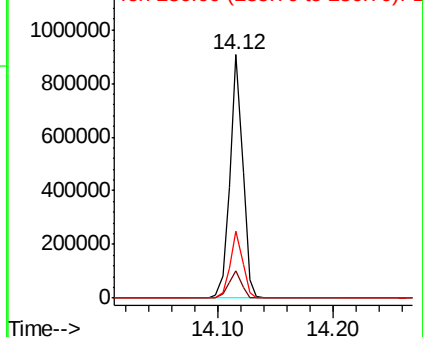


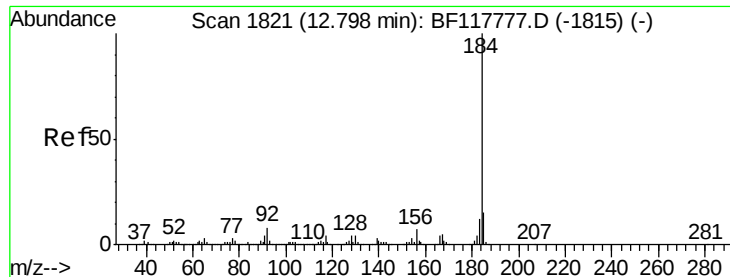
Abundance

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: 21.545 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

PB124881BSD

Tot Ion:184 Resp: 490629

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.4

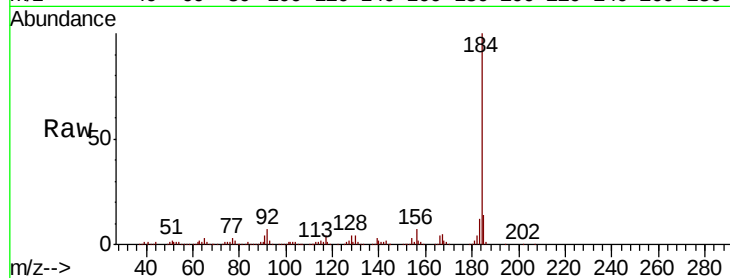
183 11.8 9.5 14.3

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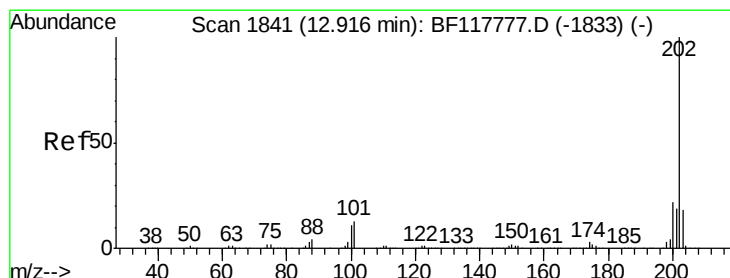
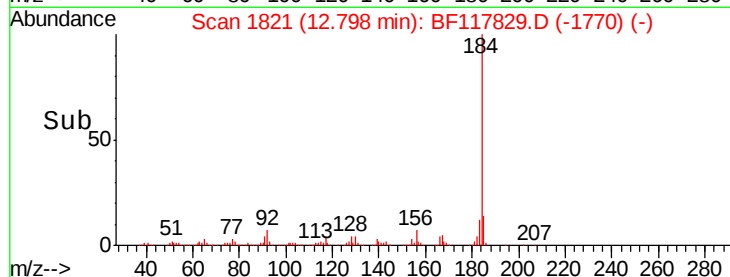
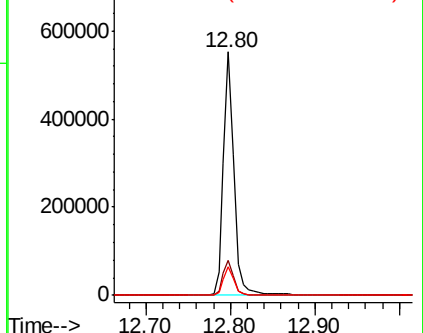
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.754 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

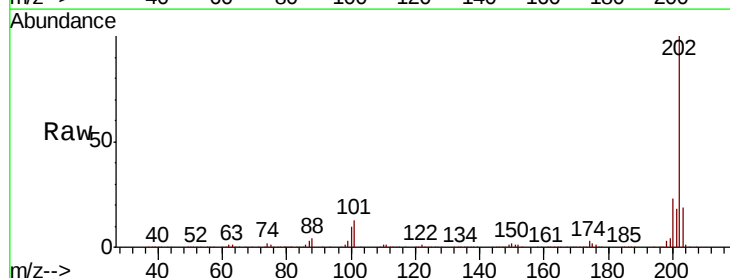
Tgt Ion:202 Resp: 2177384

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

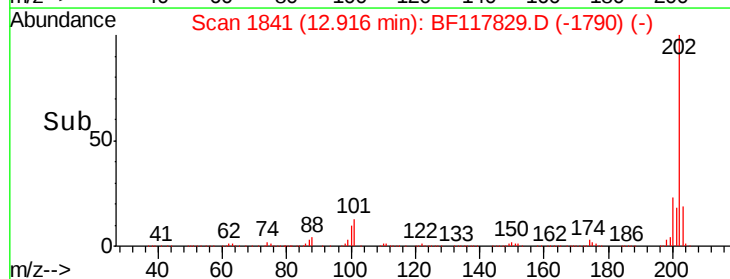
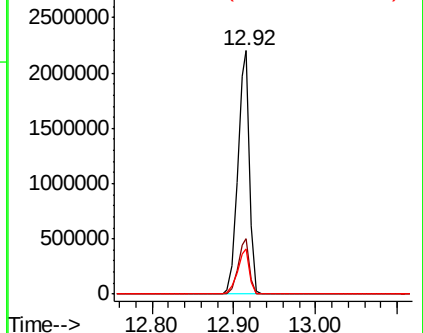
203 18.7 14.6 22.0

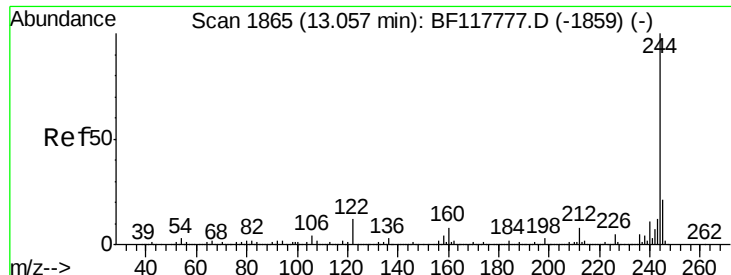


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.491 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

PB124881BSD

Tot Ion:244 Resp: 2339126

Ion Ratio Lower Upper

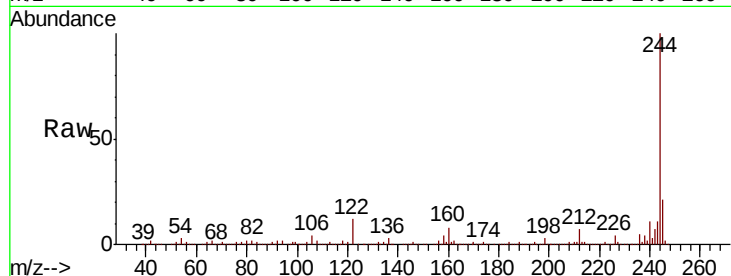
244 100

212 7.5 6.3 9.5

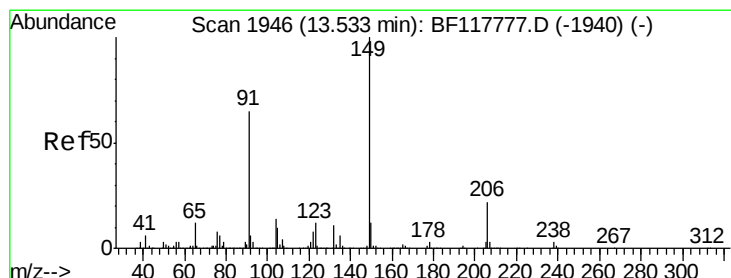
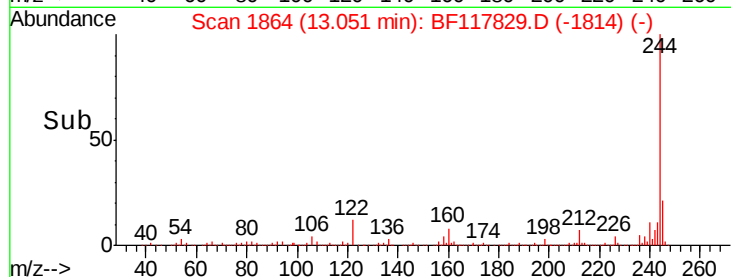
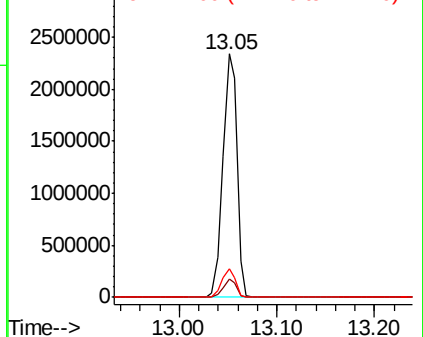
122 12.0 9.4 14.2

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.248 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

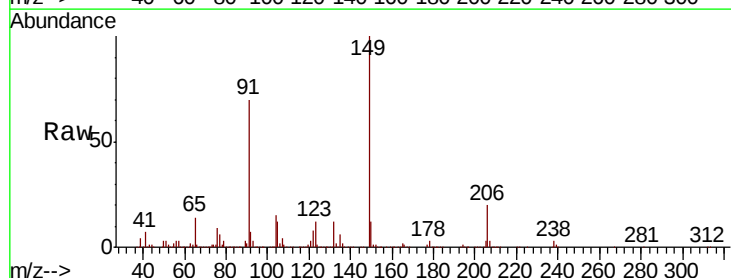
Tgt Ion:149 Resp: 922974

Ion Ratio Lower Upper

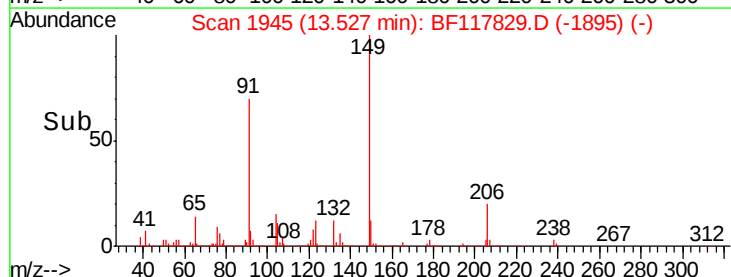
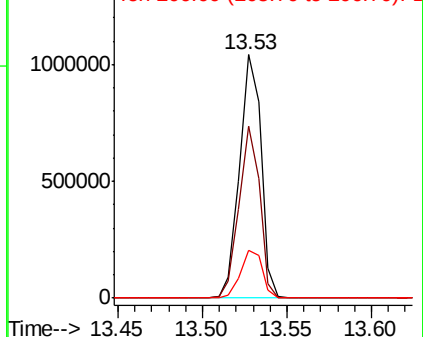
149 100

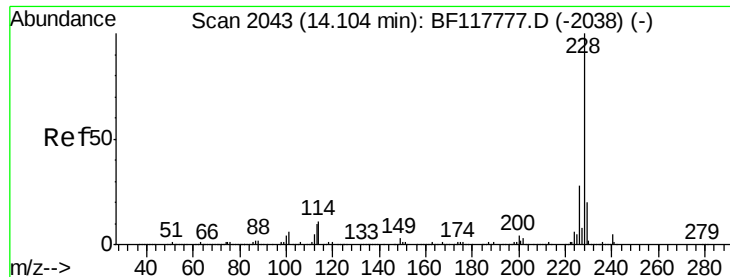
91 70.4 51.9 77.9

206 19.8 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.777 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

PB124881BSD

Tot Ion:228 Resp: 1873378

Ion Ratio Lower Upper

228 100

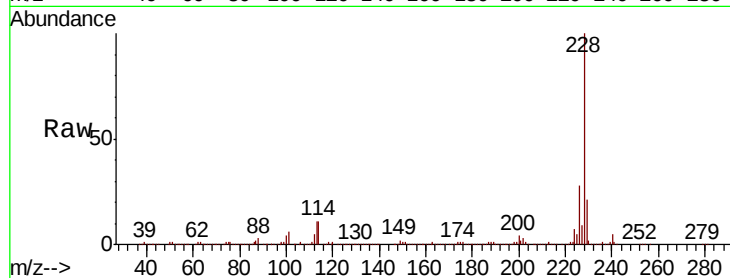
226 28.1 22.2 33.2

229 20.8 15.9 23.9

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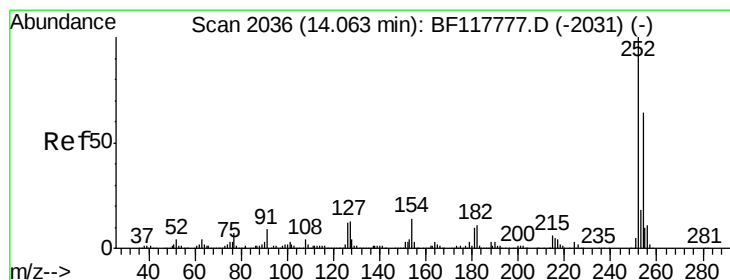
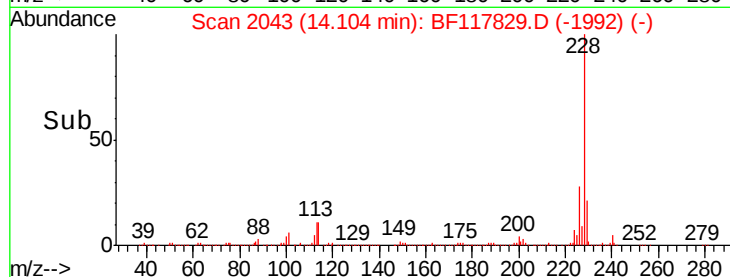
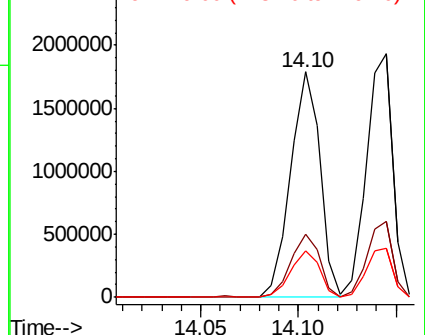


Abundance

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: 35.816 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

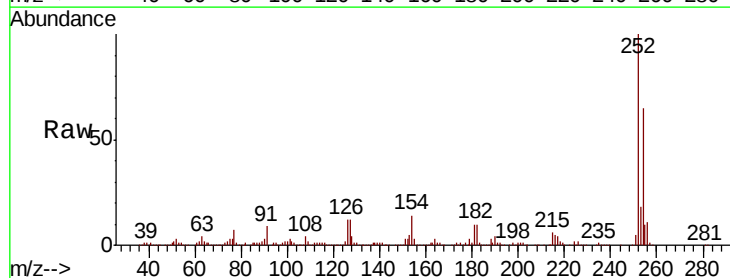
Tgt Ion:252 Resp: 575574

Ion Ratio Lower Upper

252 100

254 65.3 51.0 76.6

126 12.2 9.7 14.5

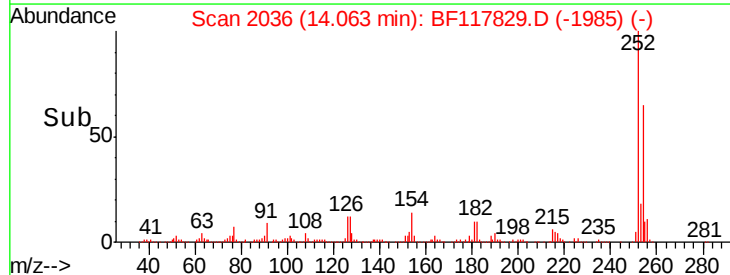
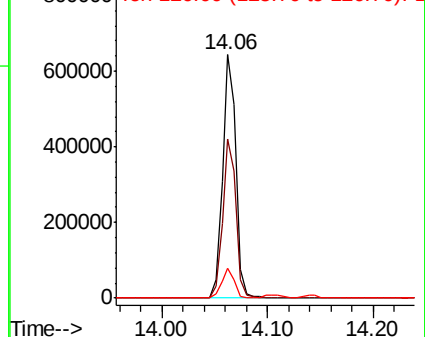


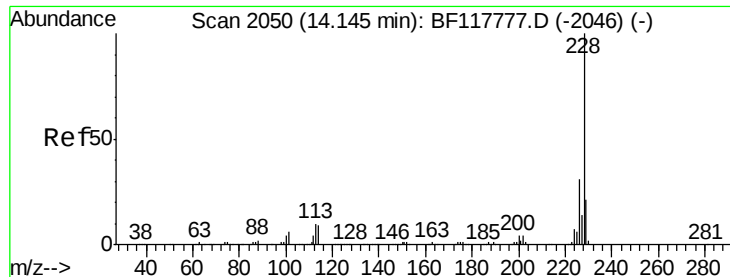
Abundance

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





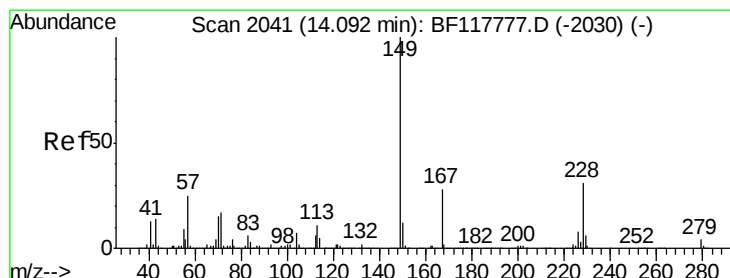
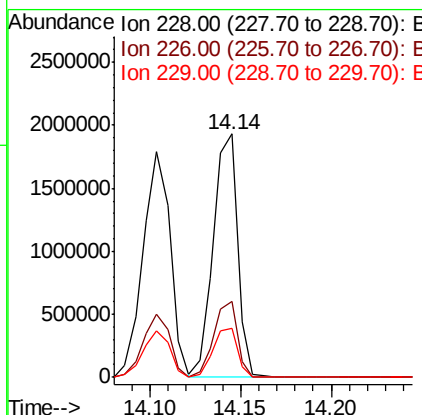
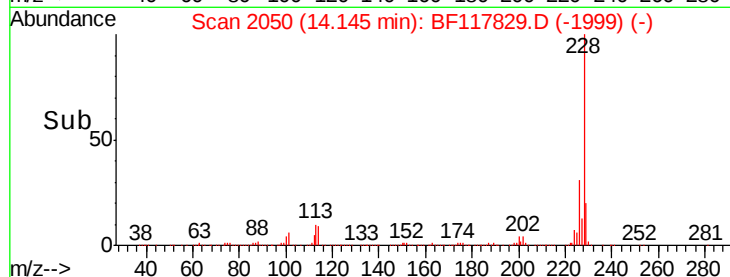
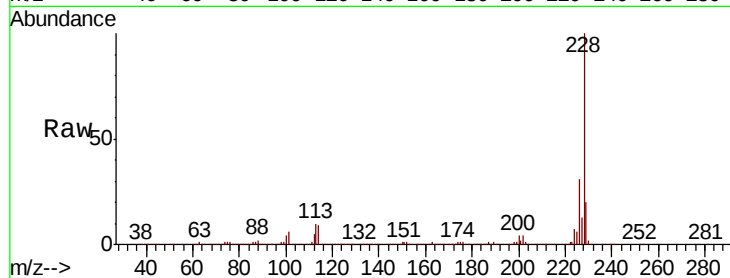
#83
 Chrysene
 Concen: 40.565 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB124881BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	20.3	16.6	25.0

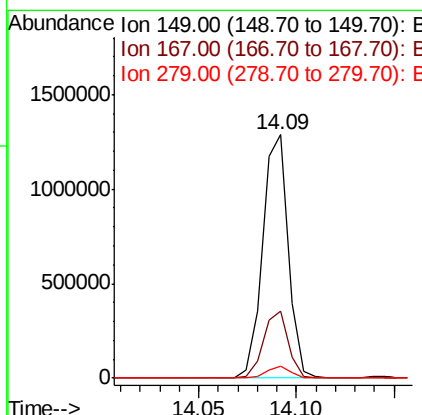
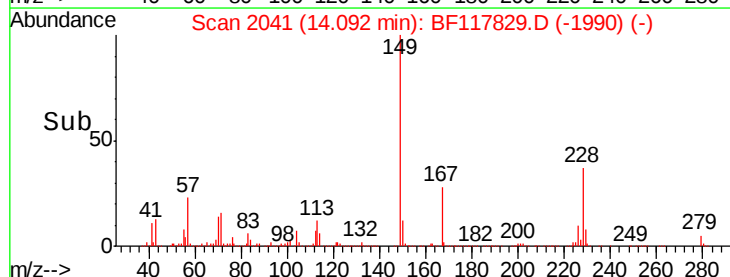
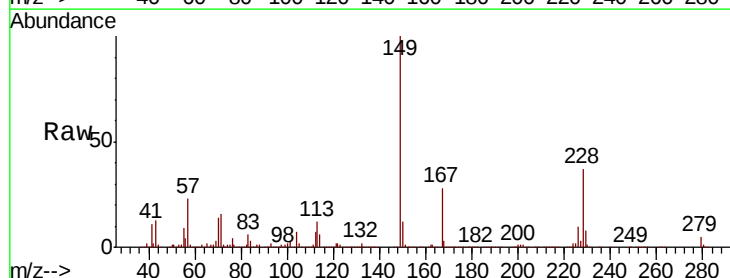
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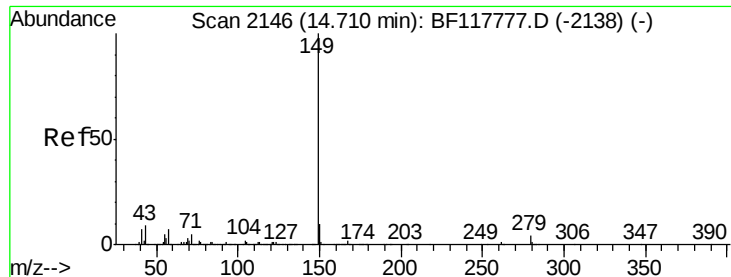
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.893 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	4.8	3.4	5.2





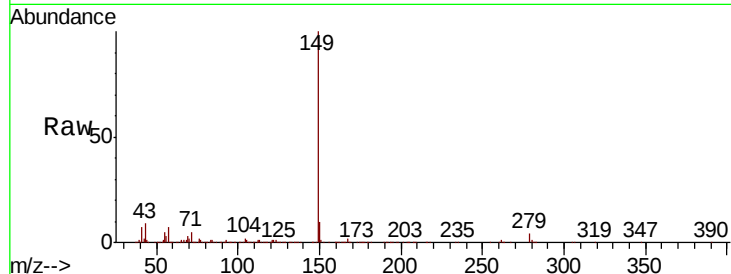
#85
Di-n-octyl phthalate
Concen: 44.120 ng
RT: 14.71 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.2	7.4	11.2

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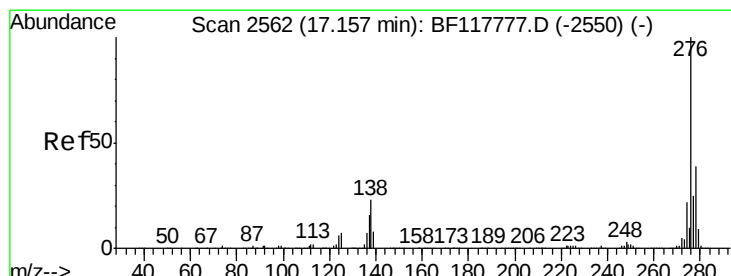
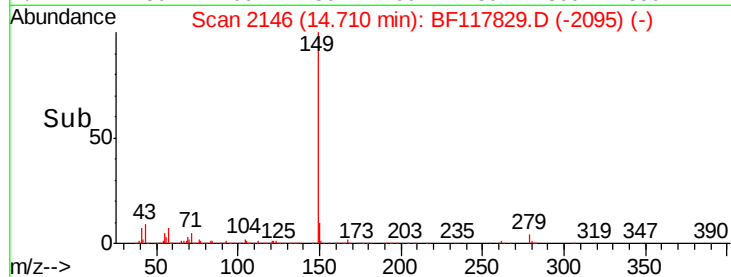
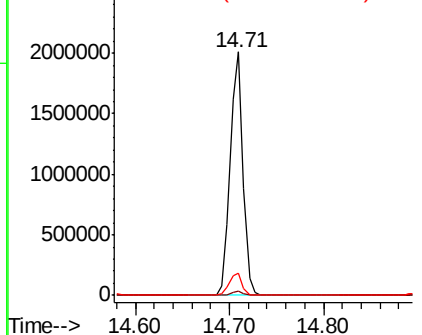


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.380 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

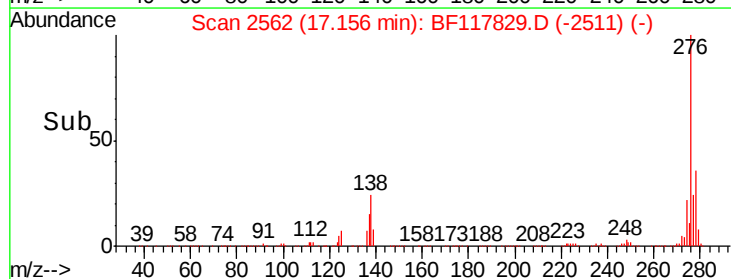
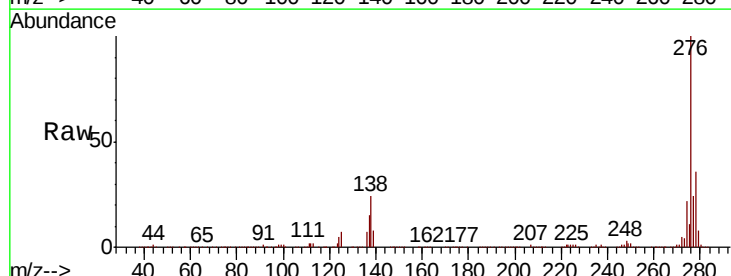
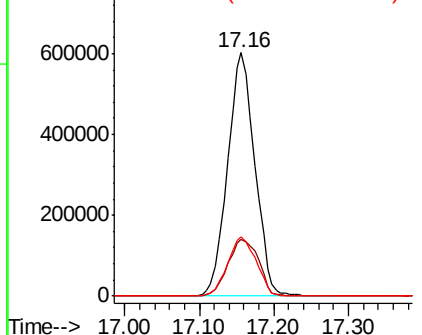
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.9	31.3
277	25.7	20.3	30.5

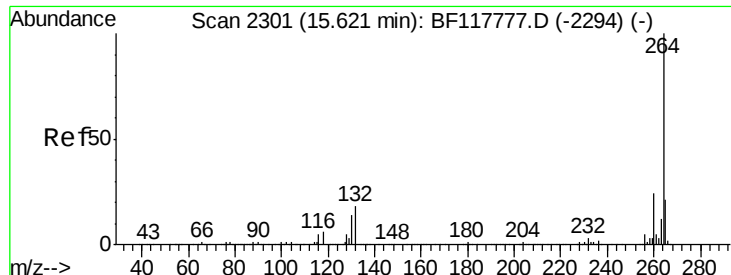
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





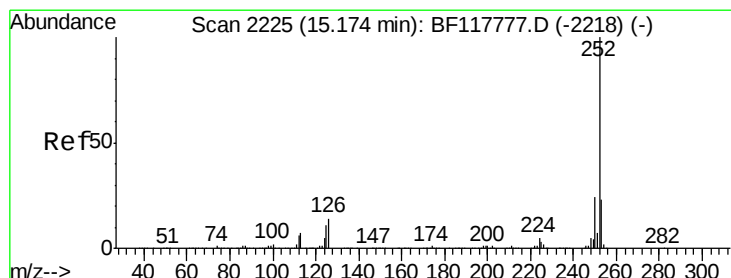
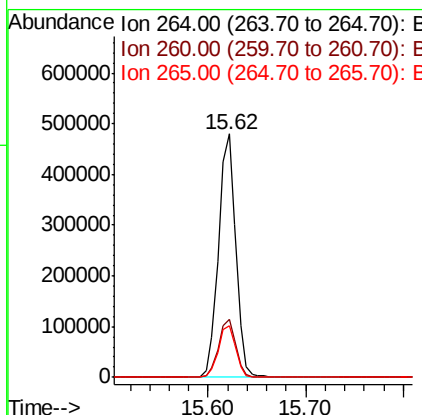
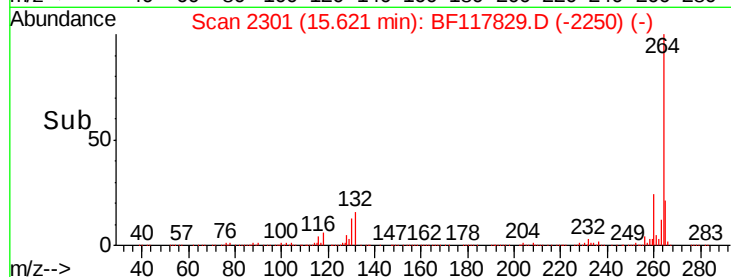
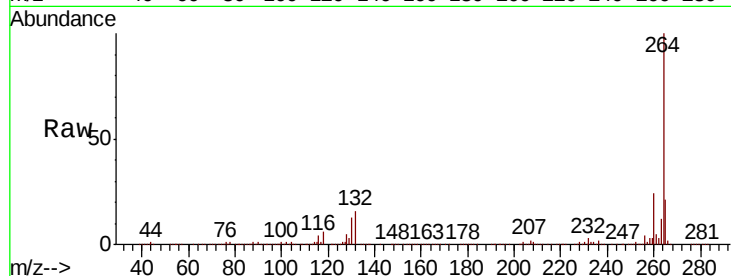
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.1	17.1	25.7

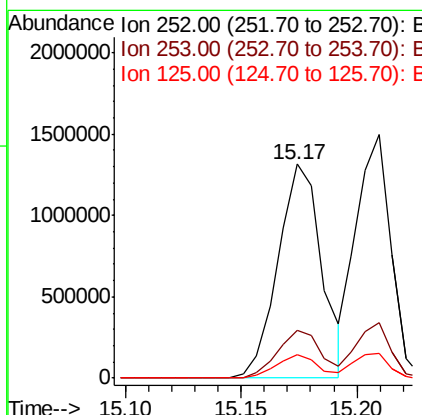
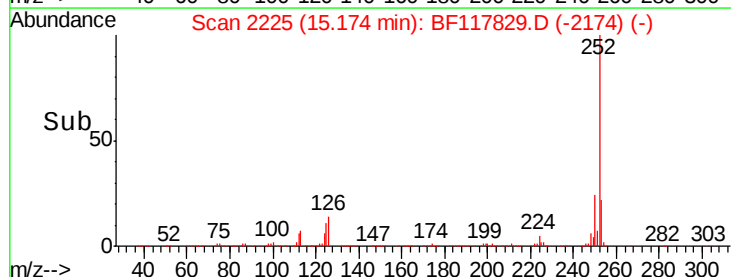
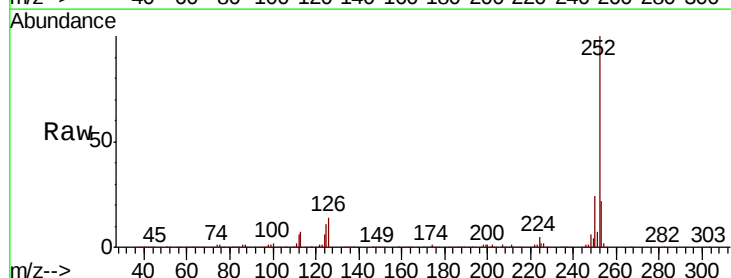
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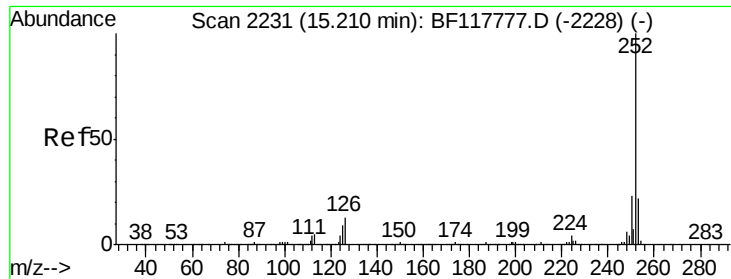
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#88
Benzo(b)fluoranthene
Concen: 44.965 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.1	8.6	13.0





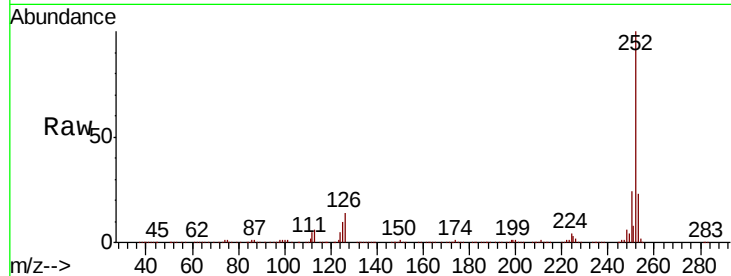
#89
Benzo(k)fluoranthene
Concen: 43.467 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	10.1	7.9	11.9

Manual Integrations
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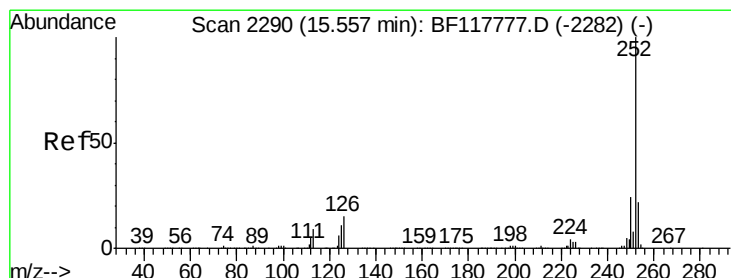
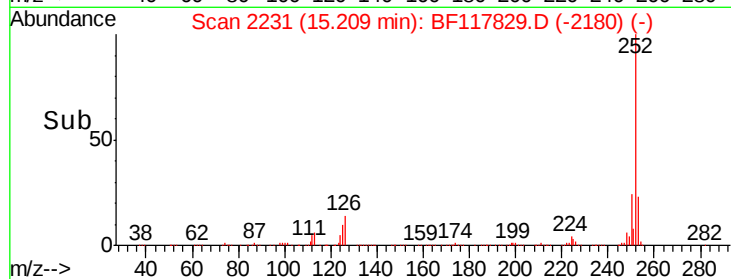
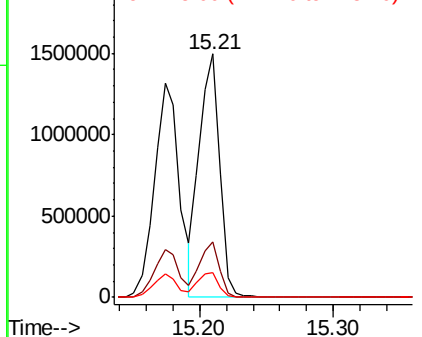


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 42.331 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

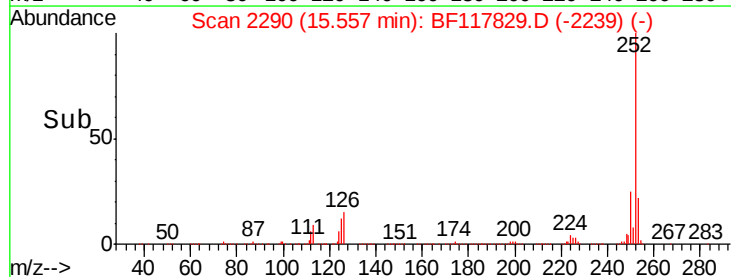
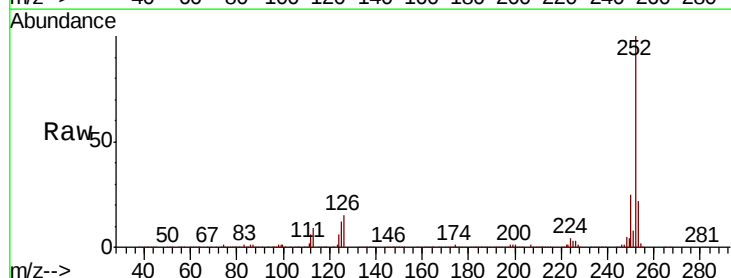
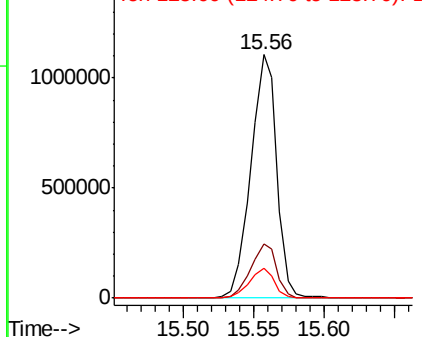
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	12.2	9.2	13.8

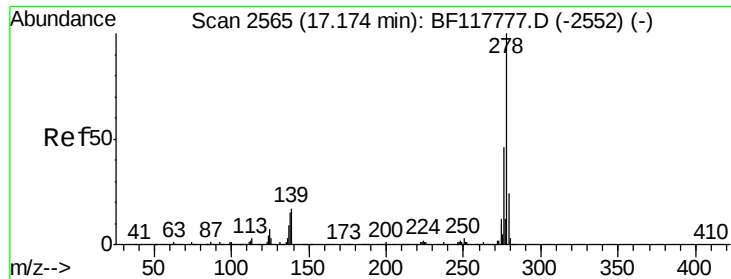
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





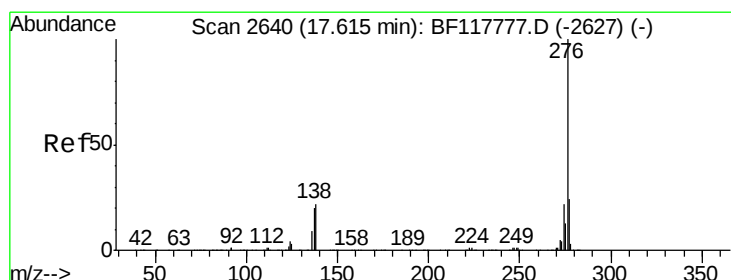
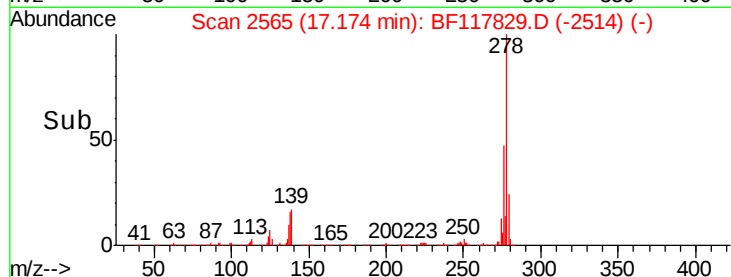
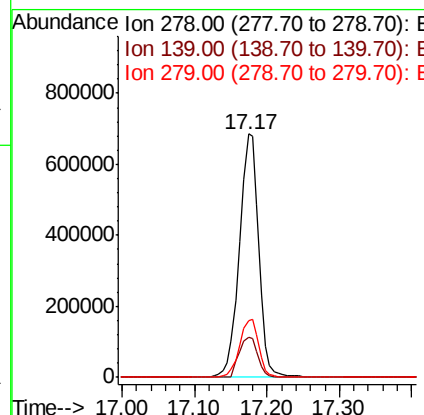
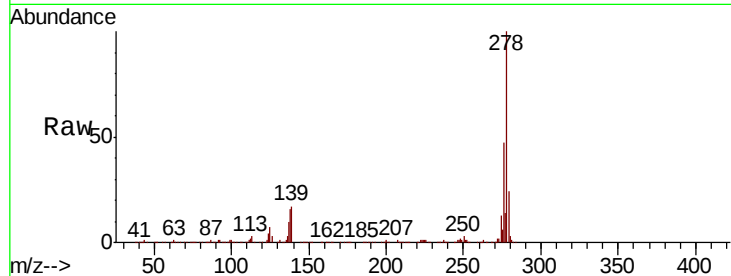
#91
Dibenzo(a,h)anthracene
Concen: 43.838 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :
PB124881BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.8	20.8
279	23.5	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/19/2019 2:35:26 PM



#92
Benzo(g,h,i)perylene
Concen: 44.452 ng
RT: 17.62 min Scan# 2641
Delta R.T. 0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	22.1	17.4	26.2

