

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121633.D
 Acq On : 21 Sep 2020 18:37
 Operator : JU/CG
 Sample : L4059-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

Manual Integrations
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mohammad
 9/22/2020 10:08:56 AM

Quant Time: Sep 21 19:06:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	167010	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	649960	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	342004	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	640370	20.00	ng	0.00
76) Chrysene-d12	14.00	240	454670	20.00	ng	0.00
86) Perylene-d12	15.46	264	397446	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1122377	99.87	ng	0.01
7) Phenol-d6	6.46	99	1461635	99.14	ng	0.00
23) Nitrobenzene-d5	7.39	82	1029440	85.04	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	487469	114.68	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1777810	78.73	ng	0.00
79) Terphenyl-d14	12.94	244	1848364	82.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	188985	36.605	ng	99
3) Pyridine	3.35	79	542735	38.026	ng	98
4) n-Nitrosodimethylamine	3.30	42	277645	41.938	ng	96
6) Aniline	6.48	93	447571	23.309	ng	# 65
8) 2-Chlorophenol	6.60	128	520554	45.496	ng	97
9) Benzaldehyde	6.36	77	211499	21.944	ng	97
10) Phenol	6.47	94	621354	39.577	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	507608	42.898	ng	99
12) 1,3-Dichlorobenzene	6.76	146	536850	42.037	ng	97
13) 1,4-Dichlorobenzene	6.83	146	540066	42.116	ng	97
14) 1,2-Dichlorobenzene	6.99	146	518233	43.870	ng	99
15) Benzyl Alcohol	6.96	79	463660	46.269	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	770610	40.470	ng	92
17) 2-Methylphenol	7.08	107	427943	43.957	ng	98
18) Hexachloroethane	7.33	117	200263	43.616	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	356502	41.956	ng	100
20) 3+4-Methylphenols	7.23	107	493946	42.229	ng	94
22) Acetophenone	7.23	105	676457	41.021	ng	# 98
24) Nitrobenzene	7.40	77	556731	42.522	ng	99
25) Isophorone	7.65	82	1012960	41.569	ng	99
26) 2-Nitrophenol	7.72	139	272682	44.441	ng	99
27) 2,4-Dimethylphenol	7.76	122	452609	41.610	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	634972	42.091	ng	99
29) 2,4-Dichlorophenol	7.97	162	428108	43.212	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	441339	42.297	ng	99
31) Naphthalene	8.13	128	1426683	41.582	ng	100
32) Benzoic acid	7.86	122	50777	12.288	ng	99
33) 4-Chloroaniline	8.17	127	283848	19.085	ng	97
34) Hexachlorobutadiene	8.24	225	268836	43.895	ng	99
35) Caprolactam	8.57	113	140042m	42.446	ng	
36) 4-Chloro-3-methylphenol	8.67	107	478951	44.877	ng	97
37) 2-Methylnaphthalene	8.82	142	966153	42.969	ng	99
38) 1-Methylnaphthalene	8.92	142	887191	42.396	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	446640	41.808	ng	99

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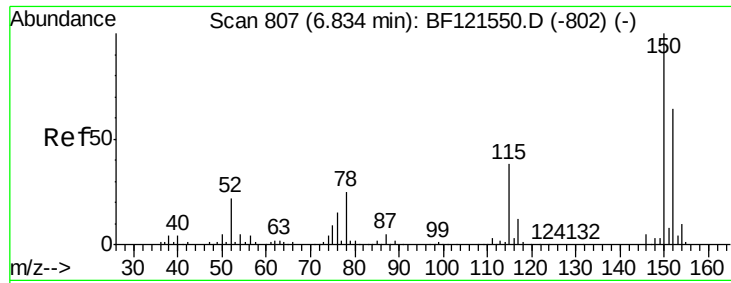
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	422390	69.235	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	318471	43.736	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	332513	43.195	nq	98
46) 1,1'-Biphenyl	9.29	154	1132161	41.350	nq	100
47) 2-Chloronaphthalene	9.31	162	876693	40.633	nq	99
48) 2-Nitroaniline	9.41	65	314641	46.928	nq	98
49) Acenaphthylene	9.73	152	1394511	42.066	nq	99
50) Dimethylphthalate	9.59	163	1328893	53.610	nq	99
51) 2,6-Dinitrotoluene	9.65	165	247730	46.927	nq	96
52) Acenaphthene	9.90	154	822382	39.276	nq	99
53) 3-Nitroaniline	9.82	138	177834	29.080	nq	95
54) 2,4-Dinitrophenol	9.93	184	101352	38.570	nq	96
55) Dibenzofuran	10.07	168	1231227	41.755	nq	100
56) 4-Nitrophenol	10.00	139	394028	80.793	nq	91
57) 2,4-Dinitrotoluene	10.06	165	324119	48.803	nq	93
58) Fluorene	10.42	166	949437	42.105	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	274680	43.891	nq	99
60) Diethylphthalate	10.29	149	1062251	43.953	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	467886	43.315	nq	99
62) 4-Nitroaniline	10.45	138	255651	42.103	nq	95
63) Azobenzene	10.57	77	1075273	41.780	nq	100
65) 4,6-Dinitro-2-methylphenol	10.47	198	124134	33.932	nq	91
66) n-Nitrosodiphenylamine	10.53	169	932719	42.455	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	321170	44.051	nq	99
68) Hexachlorobenzene	10.96	284	362564	44.065	nq	99
69) Atrazine	11.06	200	231121	42.344	nq	98
70) Pentachlorophenol	11.16	266	294913	65.265	nq	98
71) Phenanthrene	11.38	178	1469463	42.117	nq	99
72) Anthracene	11.43	178	1510946	41.965	nq	100
73) Carbazole	11.59	167	1370607	42.184	nq	100
74) Di-n-butylphthalate	11.92	149	1583126	42.217	nq	100
75) Fluoranthene	12.57	202	1568290	42.108	nq	100
77) Benzidine	12.69	184	381429	25.305	nq	# 92
78) Pyrene	12.80	202	1563328	47.060	nq	100
80) Butylbenzylphthalate	13.42	149	657306	48.925	nq	99
81) Benzo(a)anthracene	13.99	228	1238551	43.058	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	210573	18.751	nq	99
83) Chrysene	14.03	228	1249735	42.905	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	819821	45.677	nq	99
85) Di-n-octyl phthalate	14.59	149	1347144	42.530	nq	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	1309669	50.600	nq	99
88) Benzo(b)fluoranthene	15.03	252	1255364	47.248	nq	99
89) Benzo(k)fluoranthene	15.07	252	1025745	42.158	nq	99
90) Benzo(a)pyrene	15.40	252	1028712	45.548	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	1065372	49.447	nq	99
92) Benzo(g,h,i)perylene	17.37	276	1119312	52.850	nq	99

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



#1

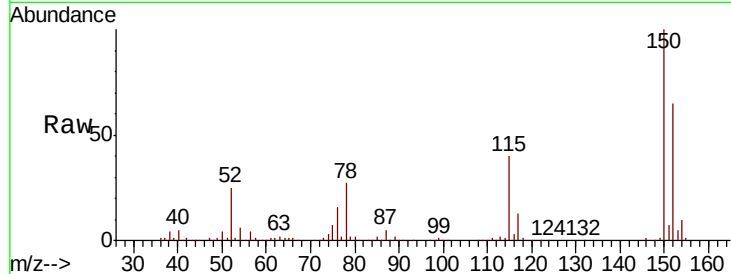
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	128.1	192.1
115	61.2	52.6	79.0

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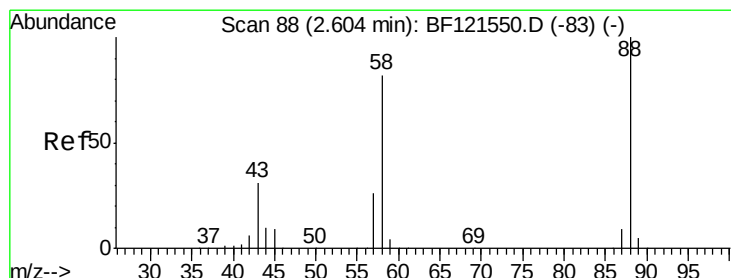
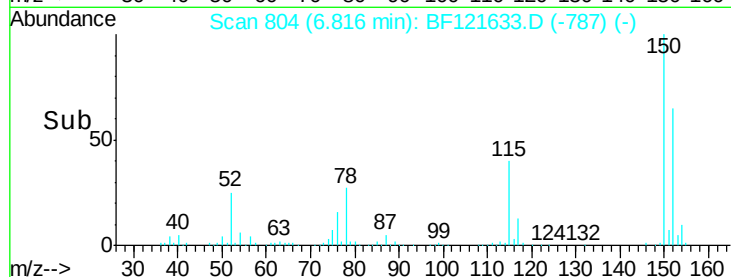
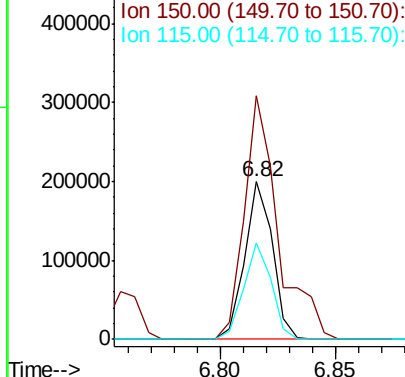


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

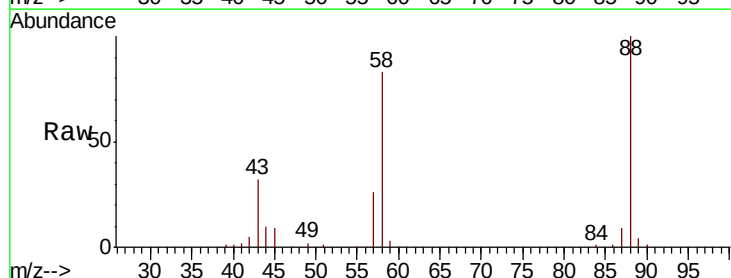
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.605 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.06 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	65.4	98.0
43	31.2	24.9	37.3

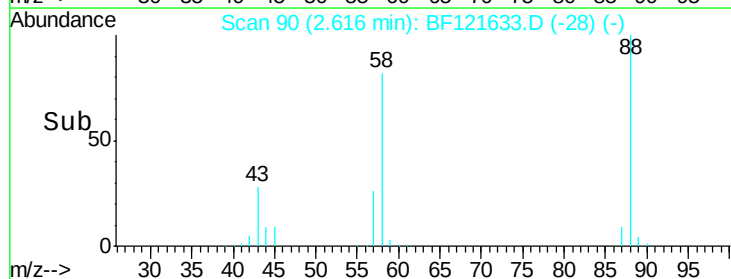
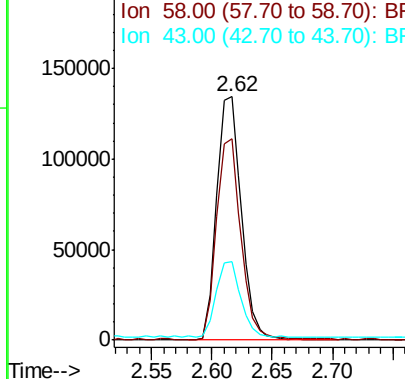


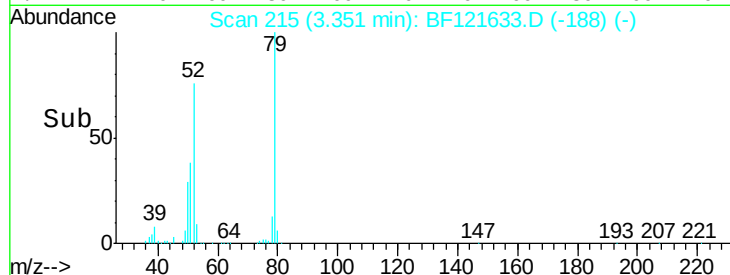
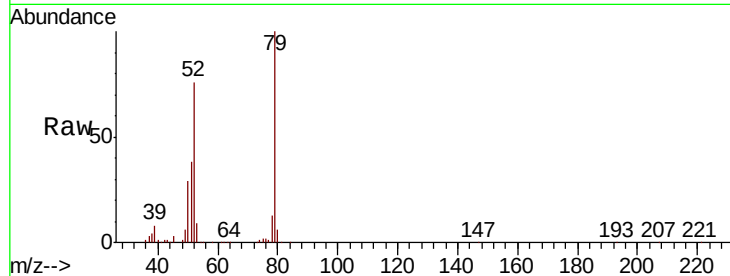
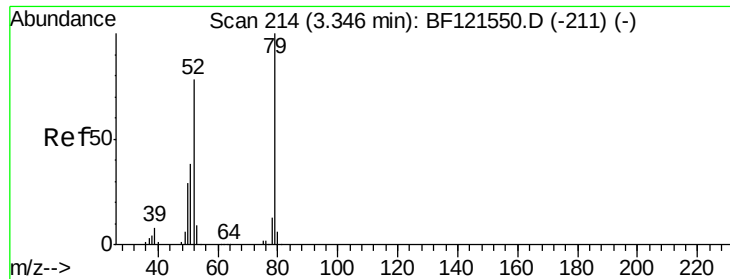
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





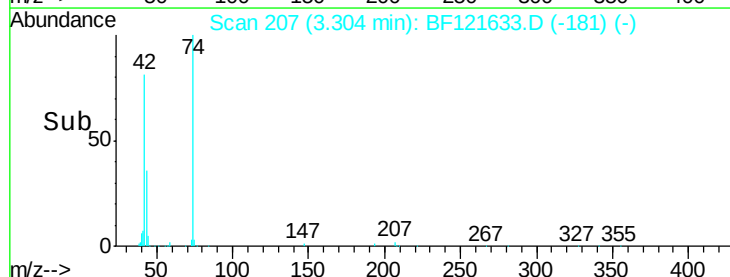
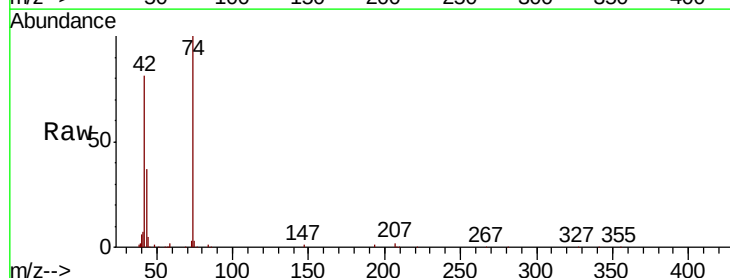
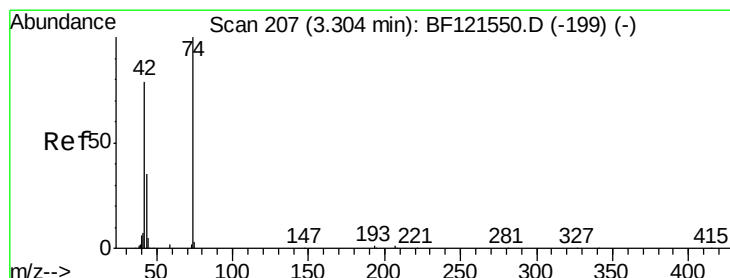
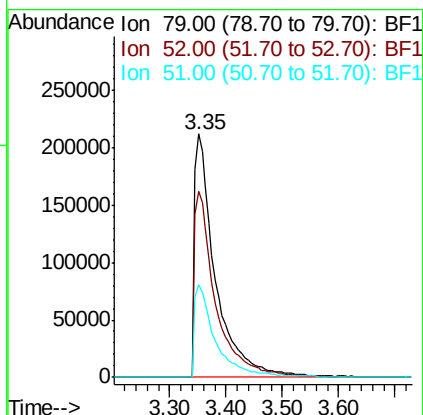
#3
Pvridine
Concen: 38.026 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.06 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.5	63.4	95.0
51	38.2	30.7	46.1

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

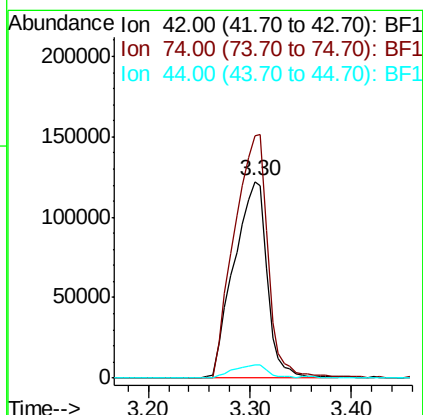
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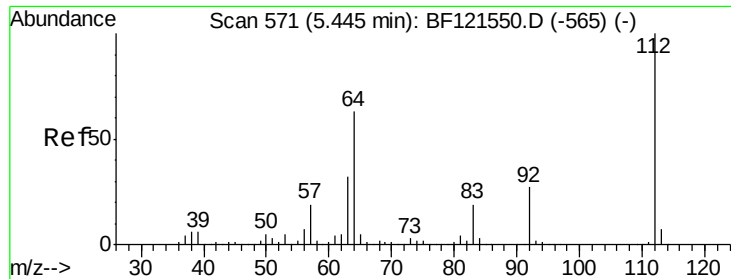
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#4
n-Nitrosodimethylamine
Concen: 41.938 ng
RT: 3.30 min Scan# 207
Delta R.T. 0.05 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.3	102.6	154.0
44	6.7	6.0	9.0





#5

2-Fluorophenol

Concen: 99.874 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

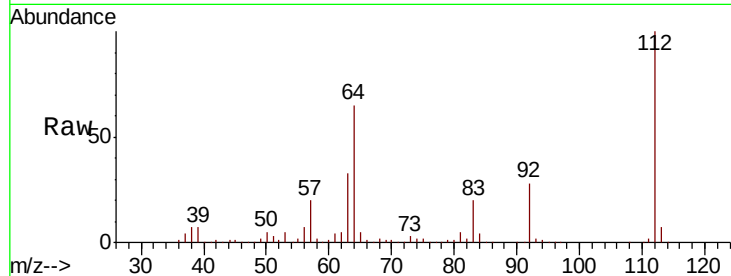
ClientSampleId :

PAV-B33-091720-10-19MSD

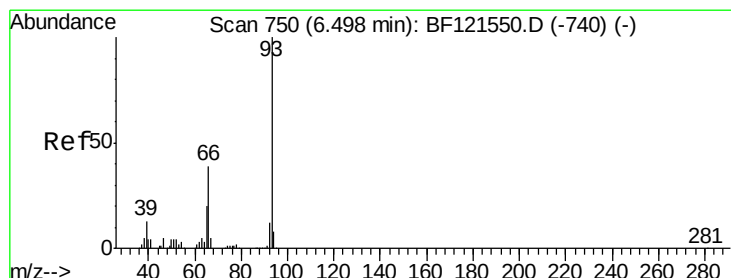
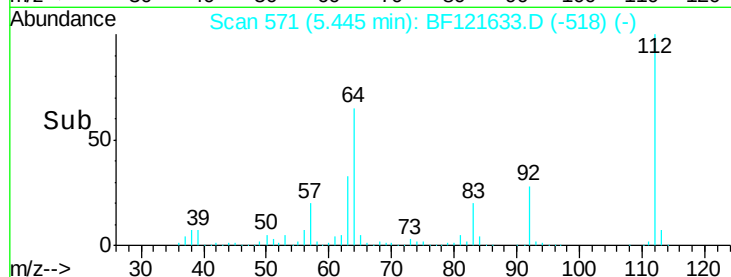
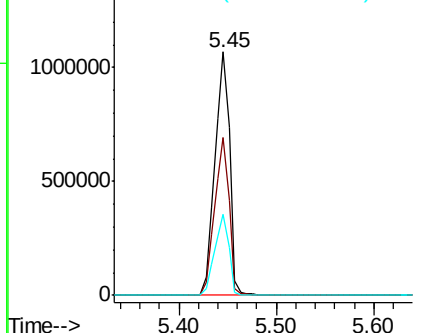
Tot Ion:	112	Resp:	1122377
Ion Ratio	Lower	Upper	
112	100		
64	65.0	52.2	78.2
63	33.3	26.6	39.8

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



#6

Aniline

Concen: 23.309 ng

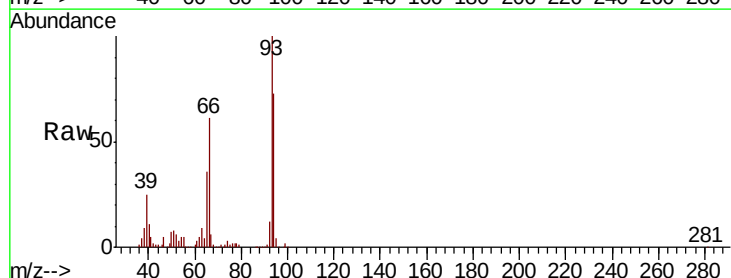
RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

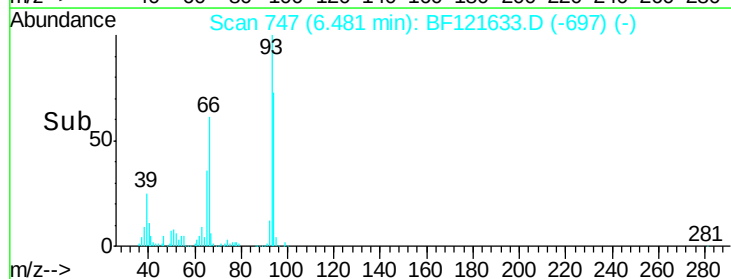
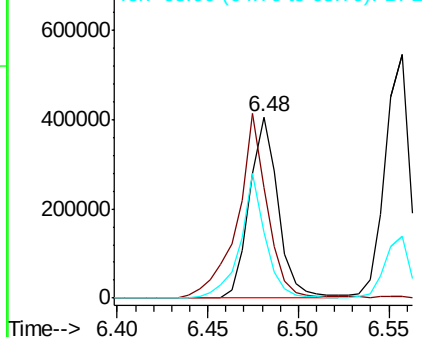
Lab File: BF121633.D

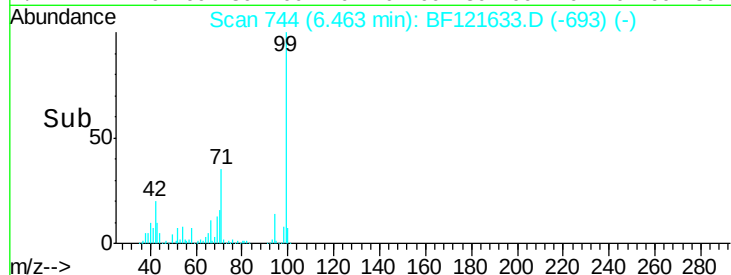
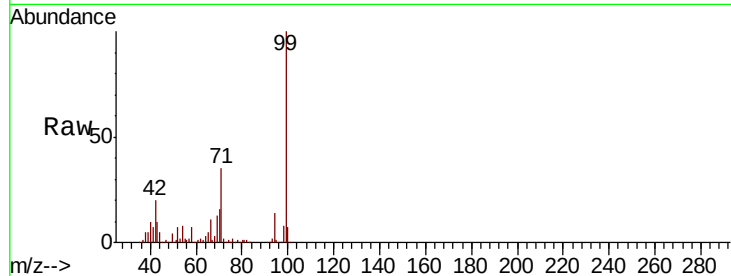
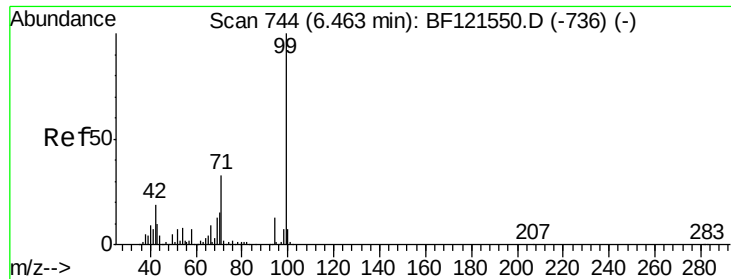
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Tgt Ion:	93	Resp:	447571
Ion Ratio	Lower	Upper	
93	100		
66	61.2	31.9	47.9#
65	36.2	16.1	24.1#



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





#7

Phenol-d6

Concen: 99.137 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Tot Ion:	99	Resp:	1461635
Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.5	23.3
71	35.3	27.4	41.2

Instrument :

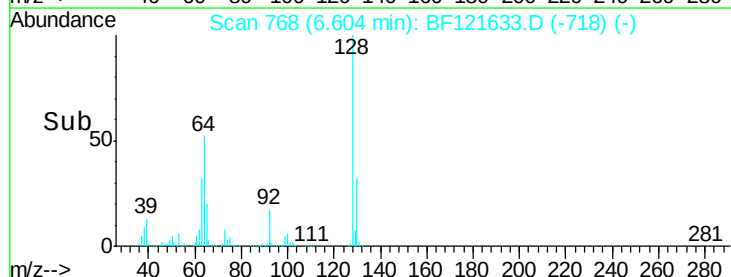
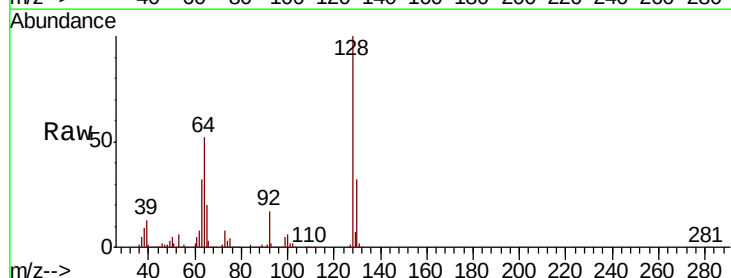
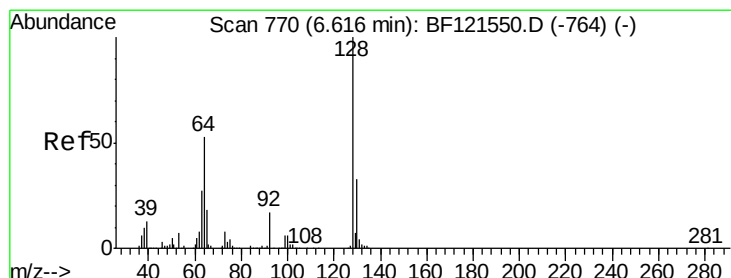
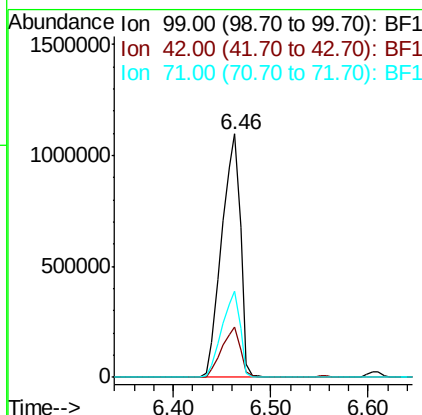
BNA_F

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#8

2-Chlorophenol

Concen: 45.496 ng

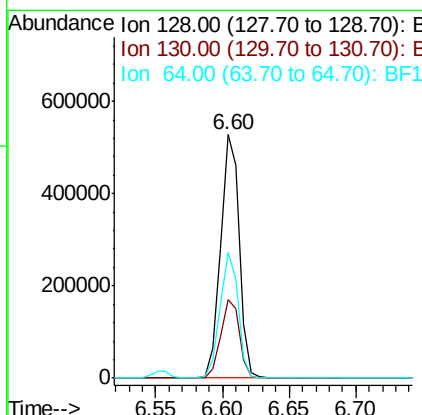
RT: 6.60 min Scan# 768

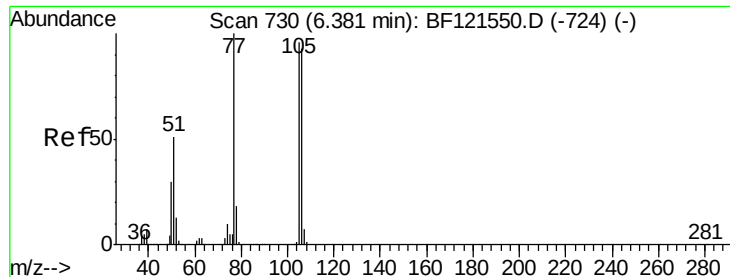
Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Tgt Ion:	128	Resp:	520554
Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.5	53.5
64	51.9	29.3	69.3





#9

Benzaldehyde

Concen: 21.944 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

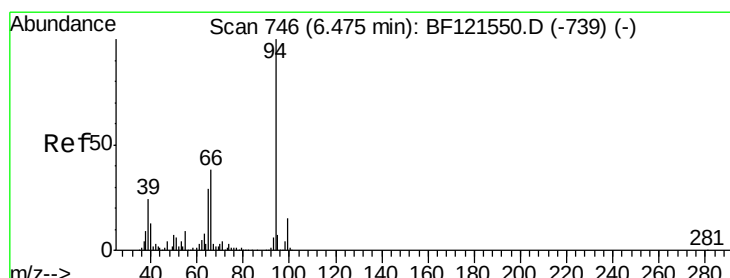
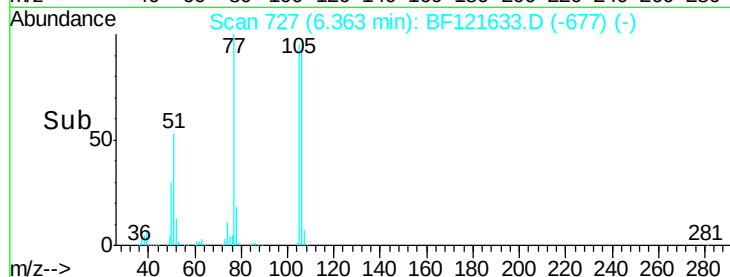
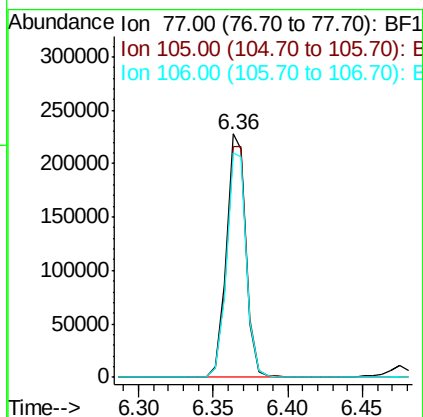
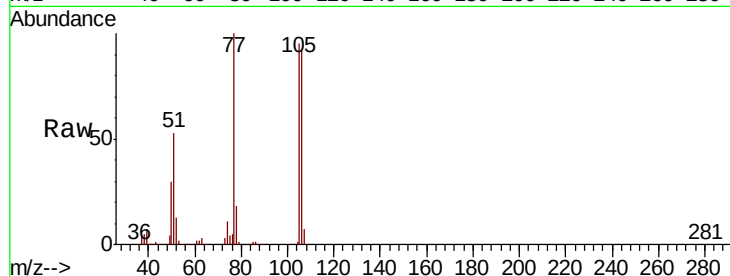
ClientSampleId :

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Tot Ion:	77	Resp:	211499
Ion	Ratio	Lower	Upper
77	100		
105	95.1	79.2	119.2
106	92.2	72.9	112.9

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#10

Phenol

Concen: 39.577 ng

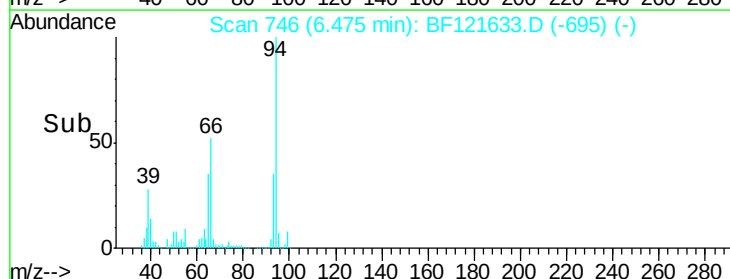
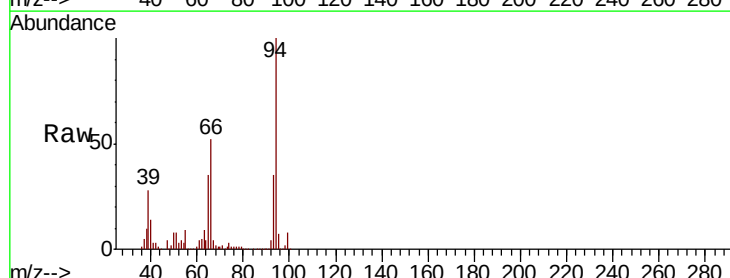
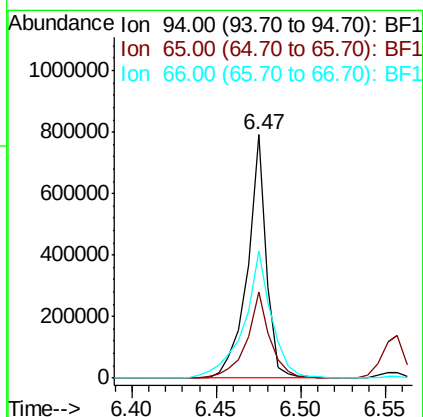
RT: 6.47 min Scan# 746

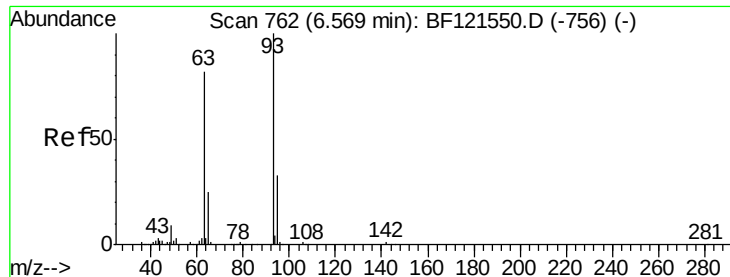
Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Tgt Ion:	94	Resp:	621354
Ion	Ratio	Lower	Upper
94	100		
65	35.2	17.8	57.8
66	52.5	37.8	77.8





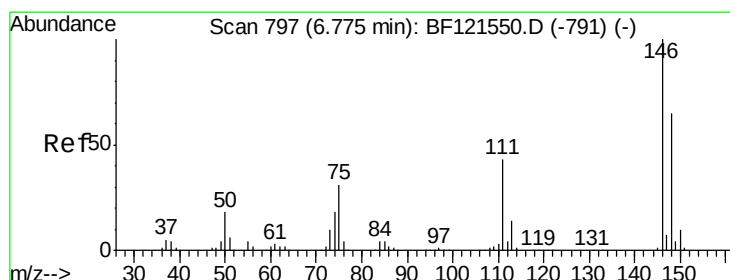
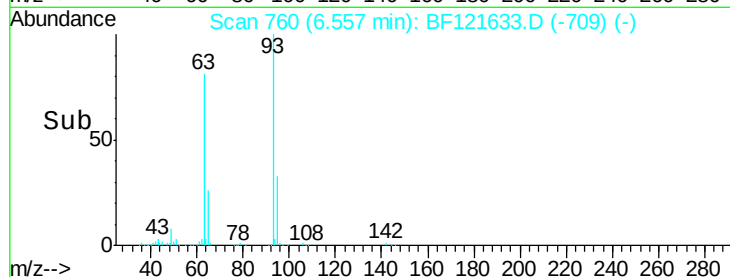
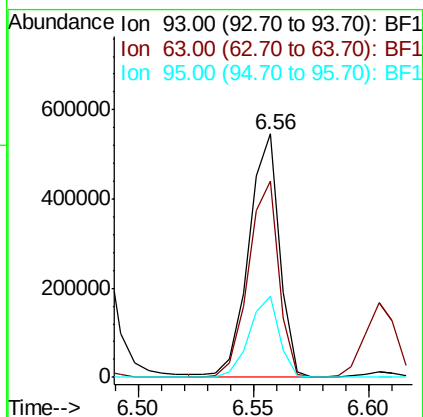
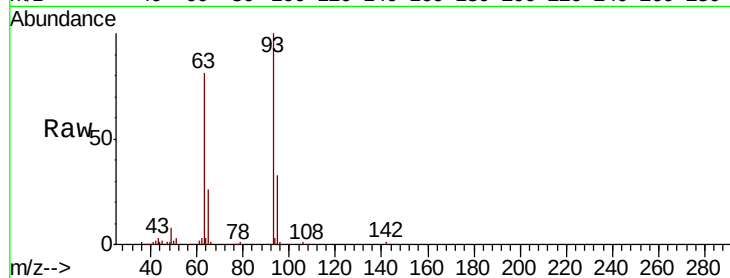
#11
bis(2-Chloroethyl)ether
Concen: 42.898 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion:	93	Resp:	507608
Ion Ratio	Lower	Upper	
93	100		
63	80.8	60.3	100.3
95	33.3	12.6	52.6

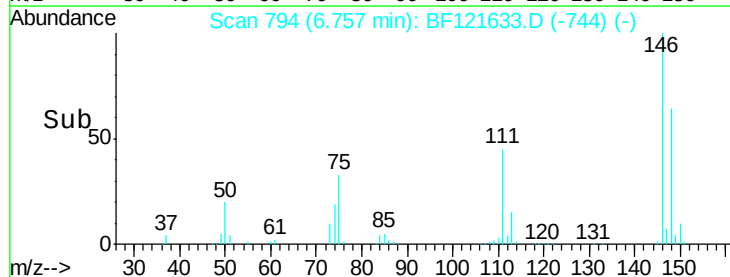
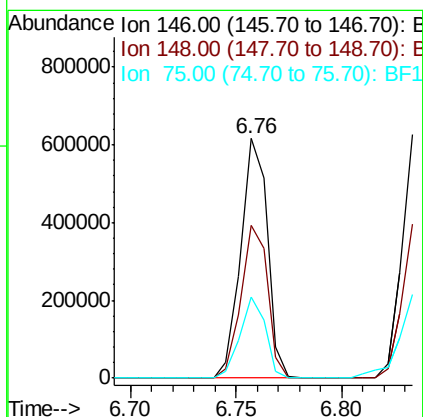
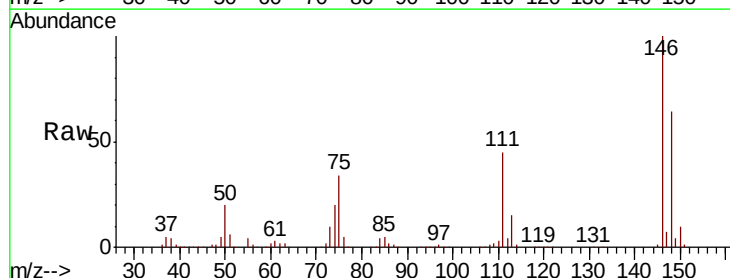
Manual Integrations
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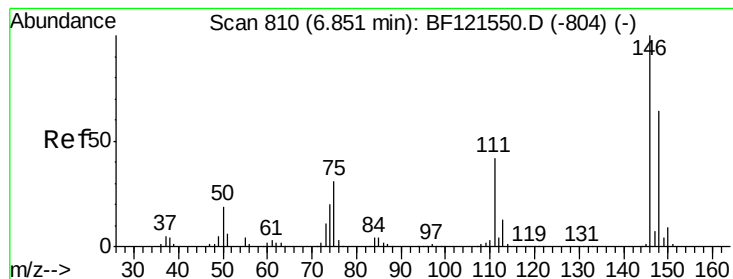
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.037 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:	146	Resp:	536850
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	75.8
75	33.8	23.5	35.3





#13

1,4-Dichlorobenzene

Concen: 42.116 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

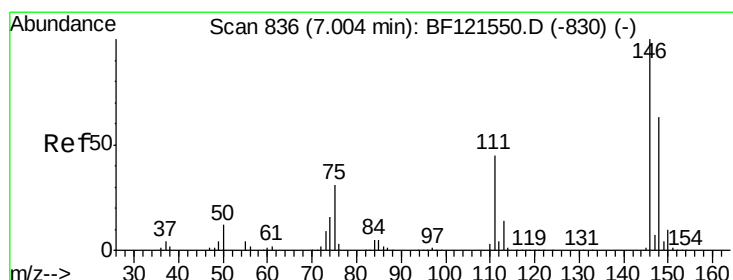
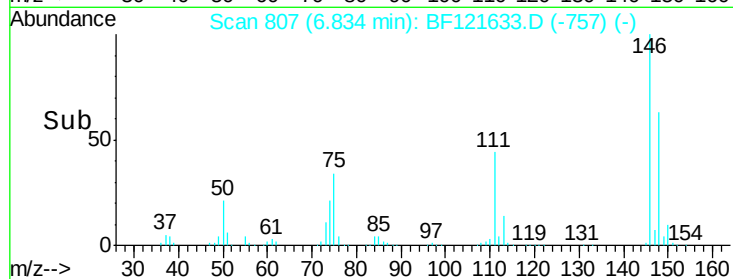
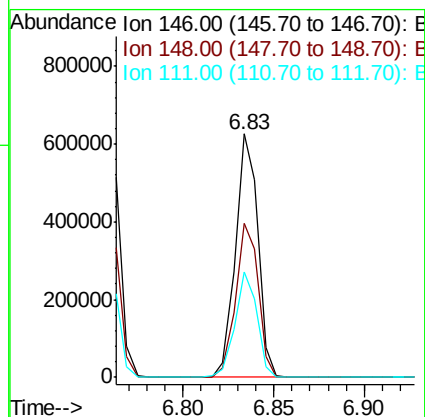
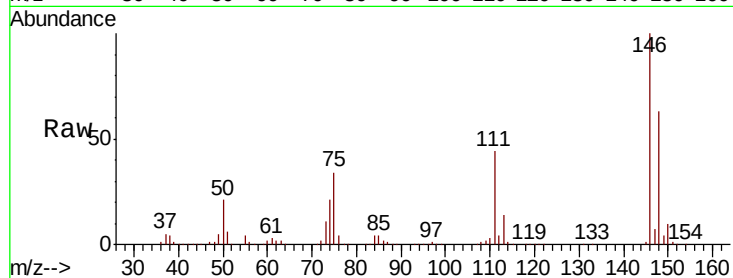
ClientSampleId :

PAV-B33-091720-10-19MSD

Tot Ion:	146	Resp:	540066
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.9	77.9
111	43.5	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 43.870 ng

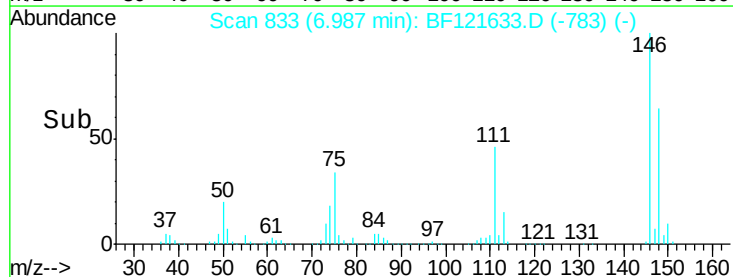
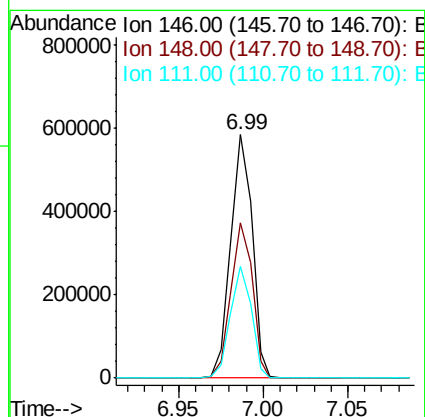
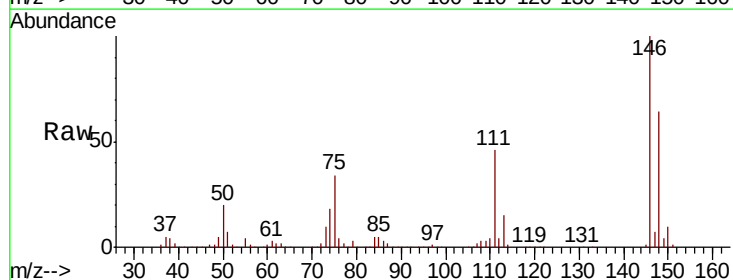
RT: 6.99 min Scan# 833

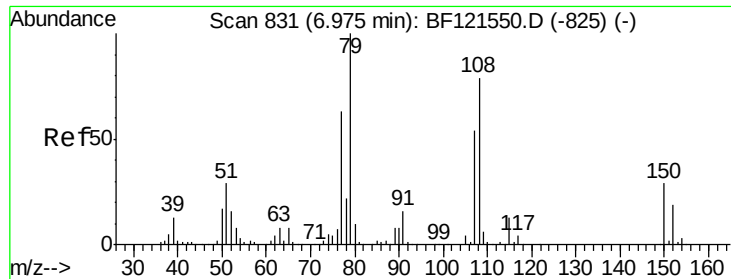
Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Tgt Ion:	146	Resp:	518233
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.3	76.9
111	45.7	35.5	53.3





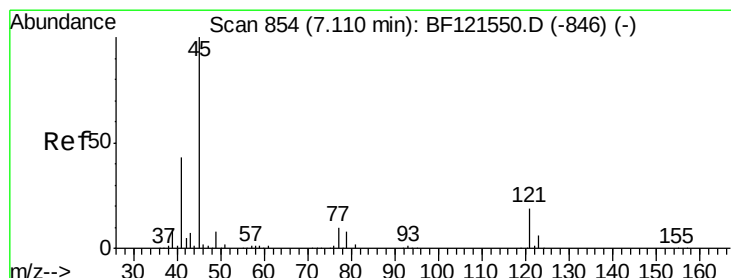
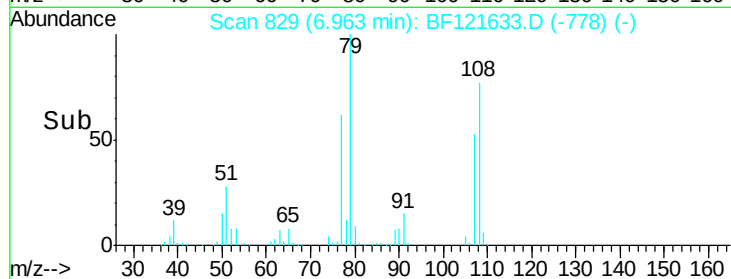
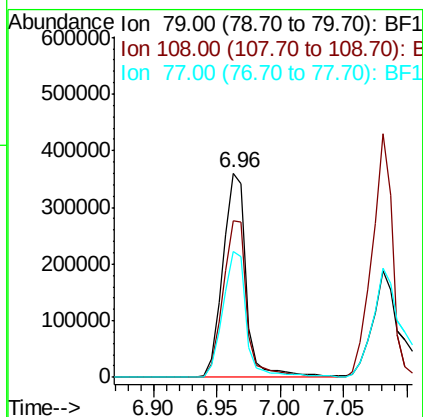
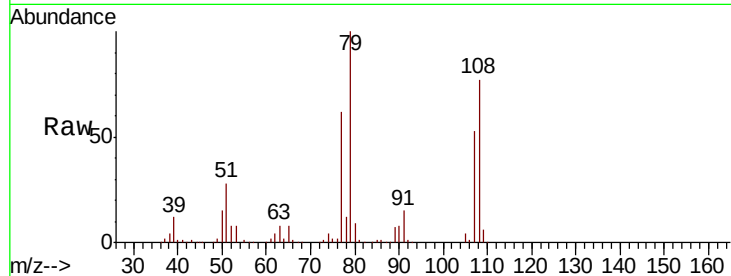
#15
Benzyl Alcohol
Concen: 46.269 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	60.2	90.2
77	61.6	50.6	76.0

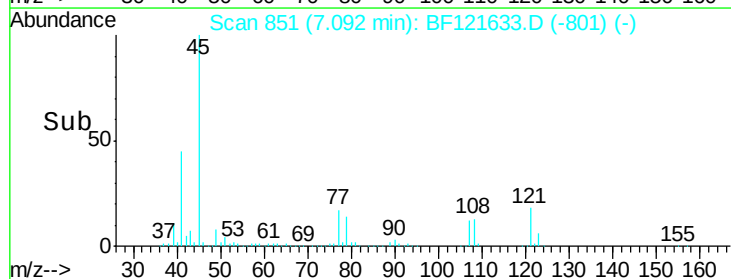
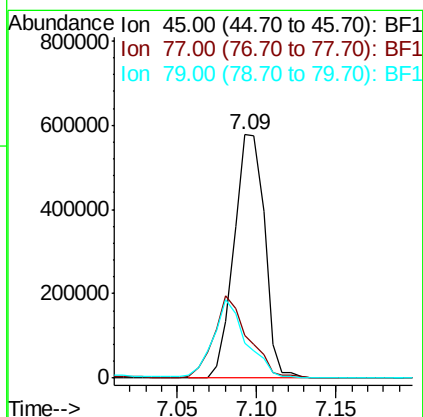
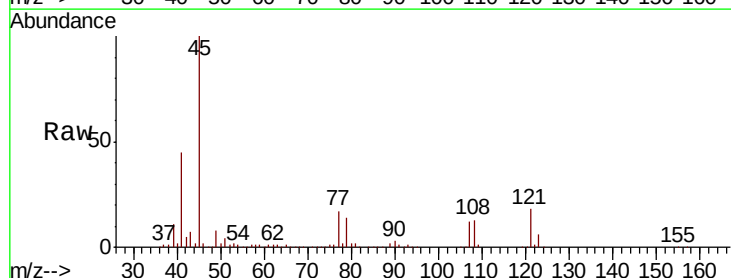
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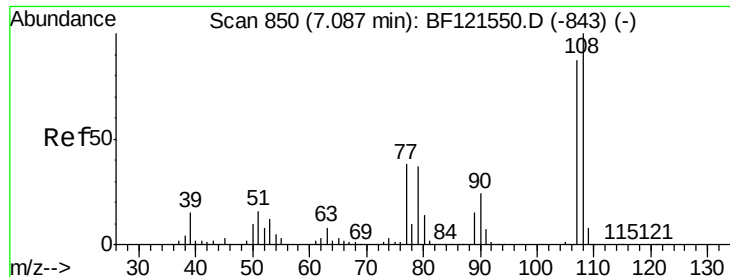
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.470 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	33.8
79	14.2	0.0	31.2





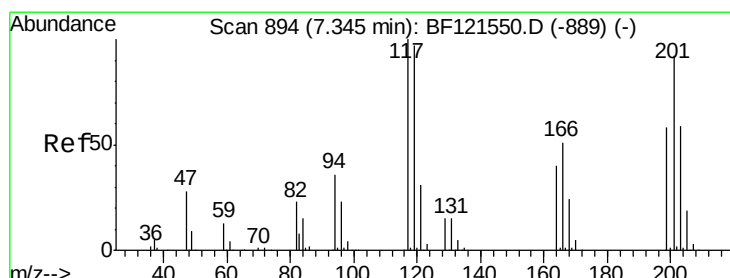
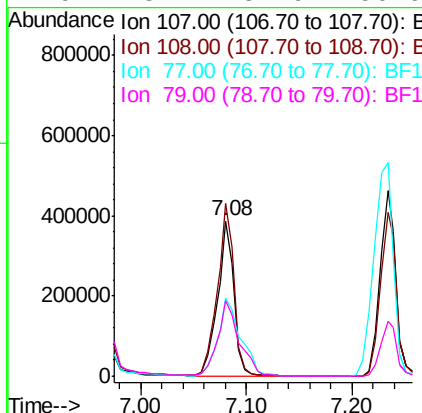
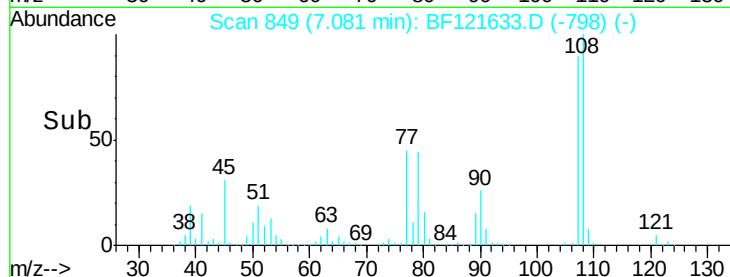
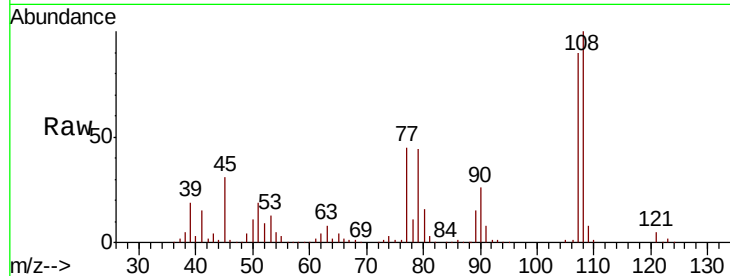
#17
2-Methylphenol
Concen: 43.957 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	427943		
108	108	111.0	90.6	135.8	
77	77	50.1	38.7	58.1	
79	79	48.4	37.9	56.9	

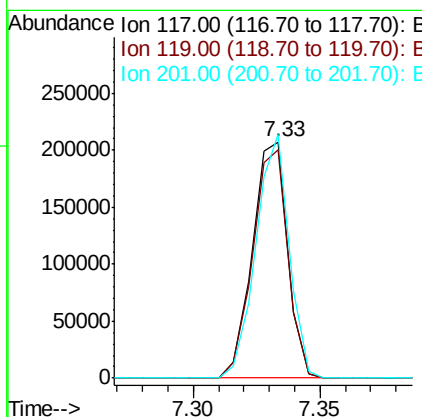
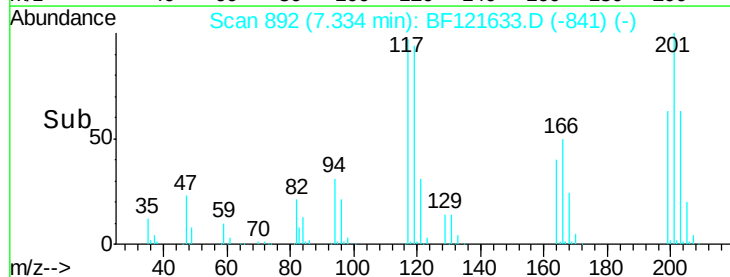
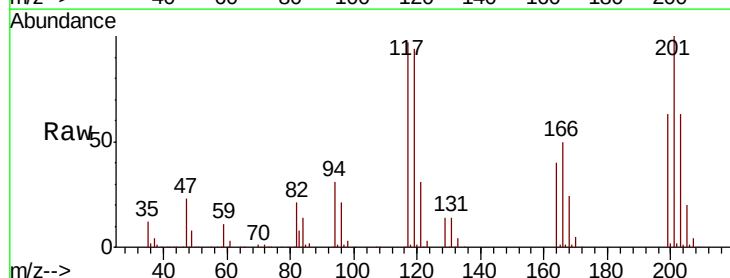
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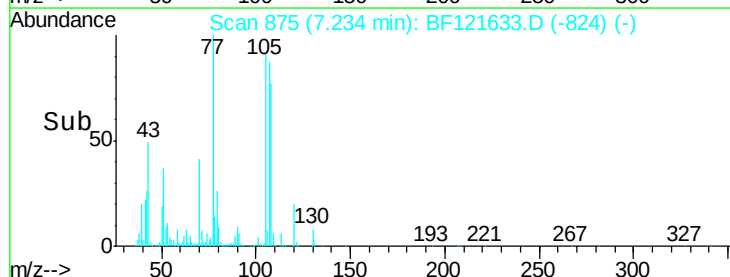
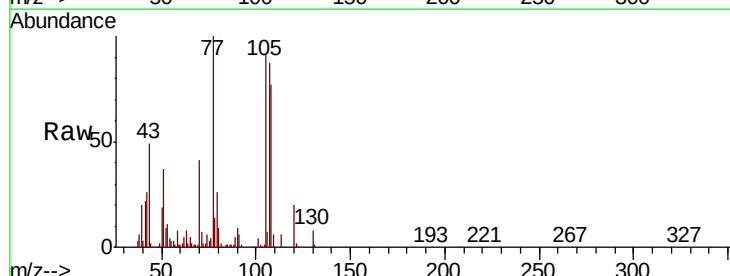
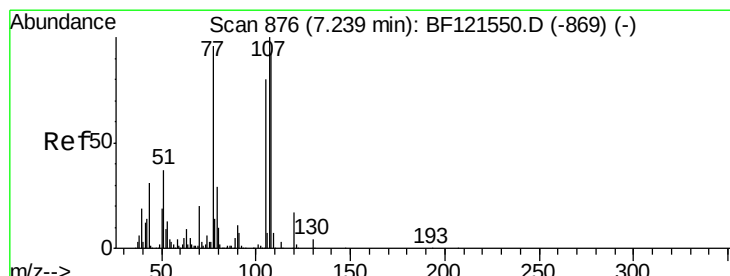
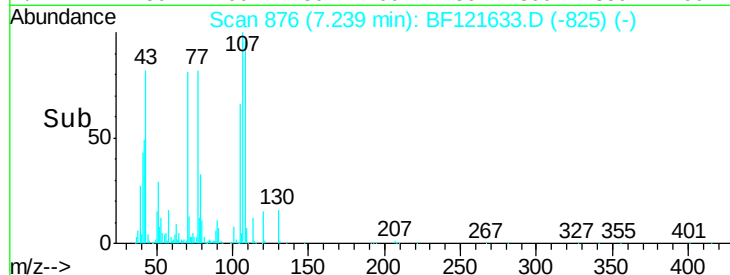
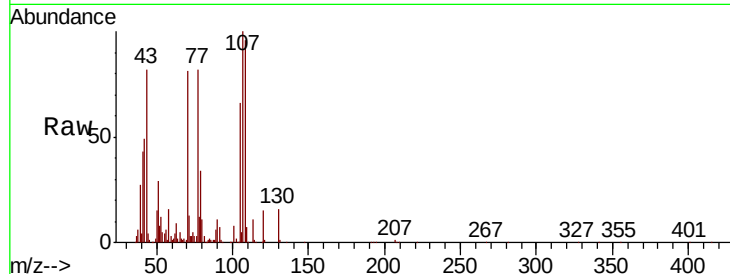
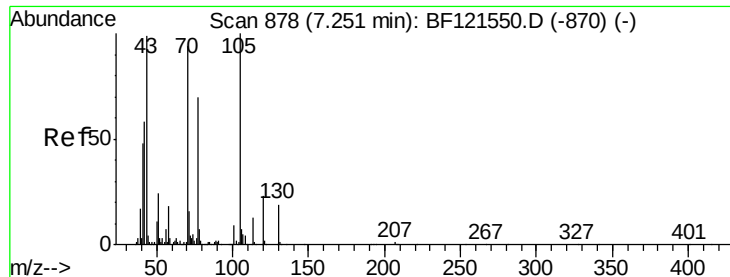
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#18
Hexachloroethane
Concen: 43.616 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	200263		
119	119	96.6	75.7	113.5	
201	201	103.2	77.5	116.3	





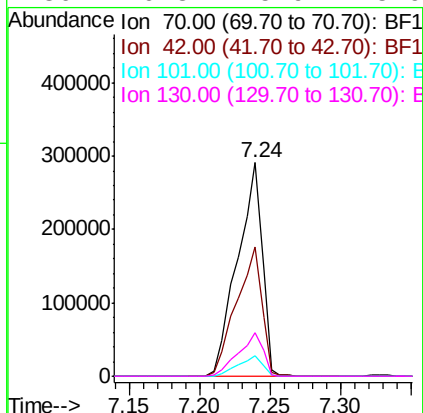
#19
n-Nitroso-di-n-propylamine
Concen: 41.956 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.3	48.3	72.5	
101	9.4	7.6	11.4	
130	20.3	15.9	23.9	

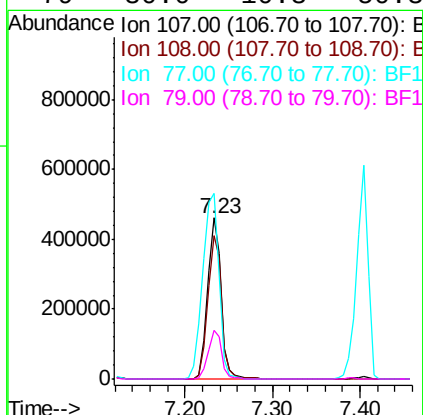
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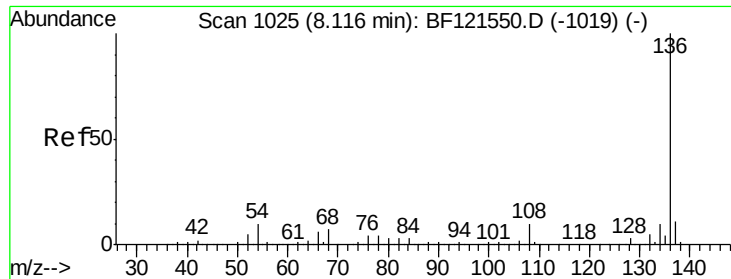
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#20
3+4-Methylphenols
Concen: 42.229 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	67.0	107.0	
77	115.5	107.7	147.7	
79	30.0	10.3	50.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

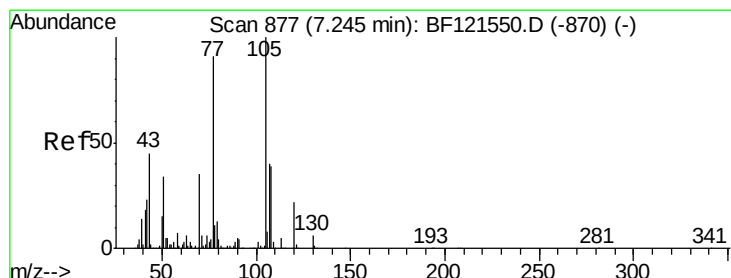
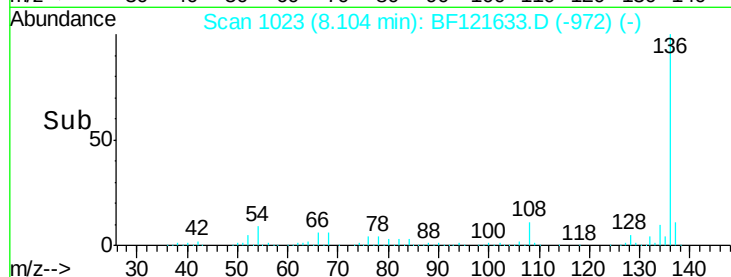
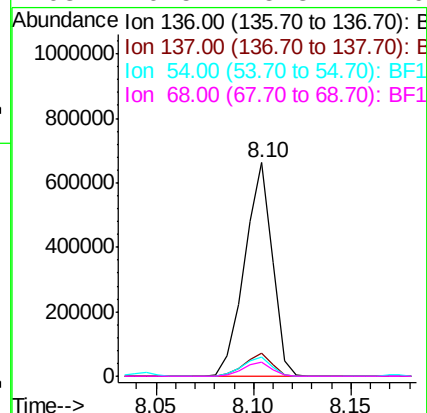
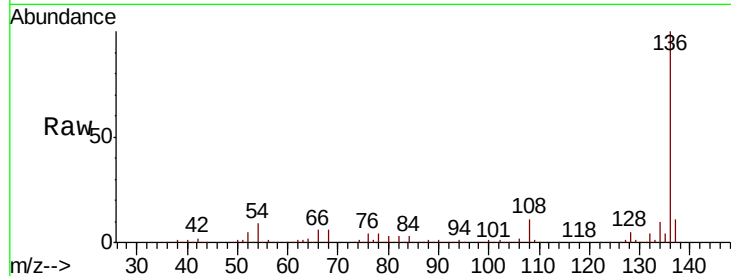
ClientSampleId :

PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	649960		
137	10.8	8.9	13.3	
54	9.1	7.4	11.0	
68	6.5	5.3	7.9	

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#22

Acetophenone

Concen: 41.021 ng

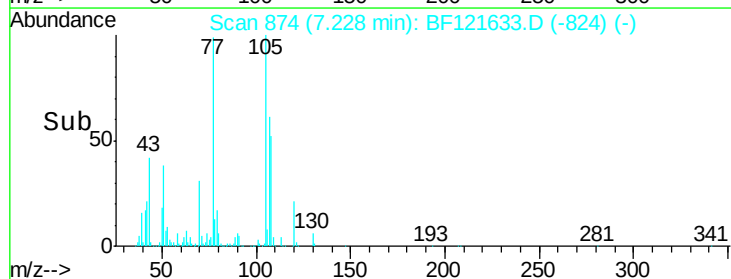
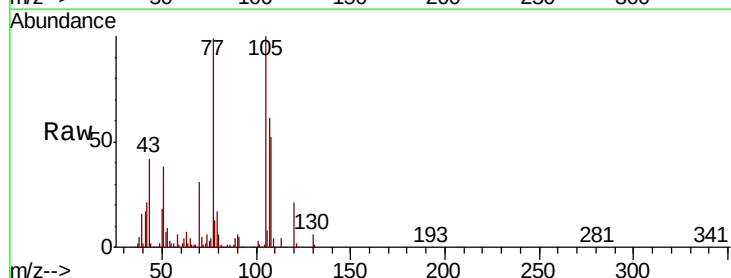
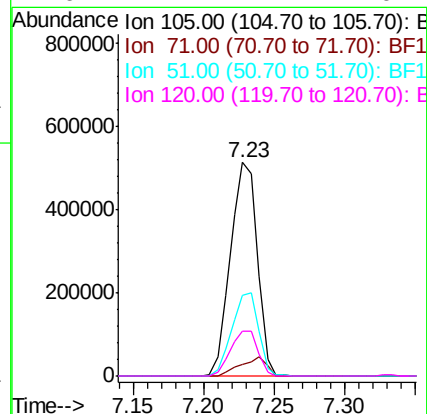
RT: 7.23 min Scan# 874

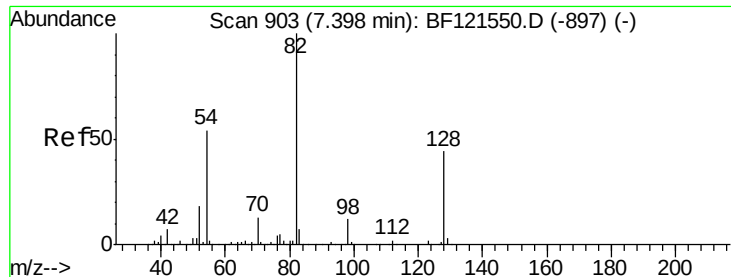
Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	676457		
71	5.2	5.5	8.3#	
51	37.9	31.7	47.5	
120	21.2	17.4	26.2	





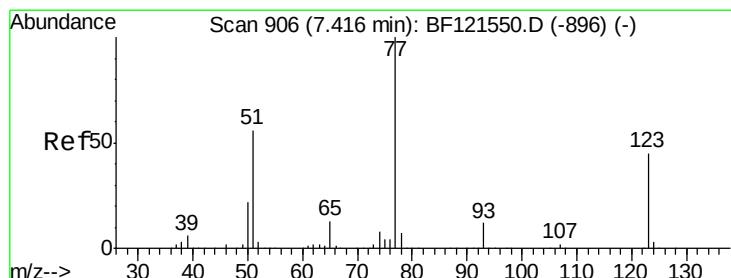
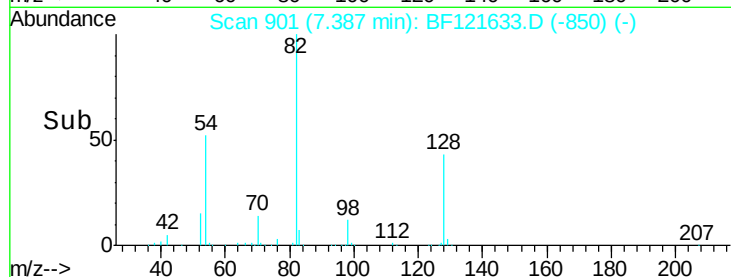
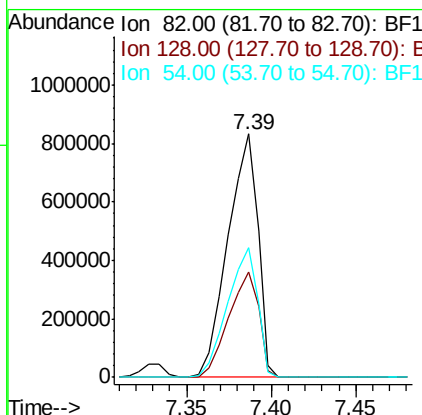
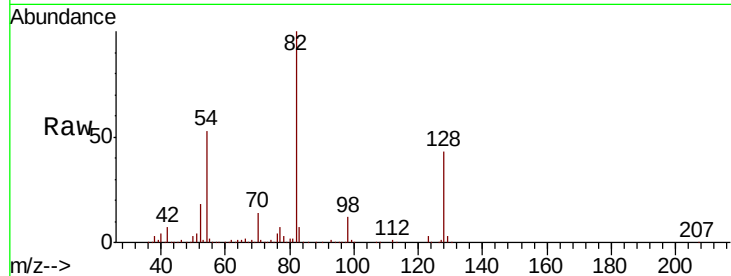
#23
 Nitrobenzene-d5
 Concen: 85.040 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

Tot Ion	82	Resp	1029440
Ion Ratio	100	Lower	Upper
82	100		
128	43.3	33.9	50.9
54	53.5	42.9	64.3

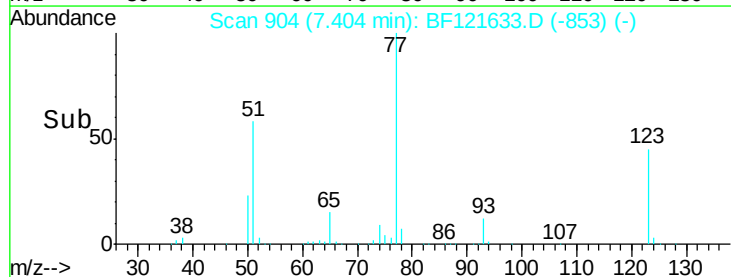
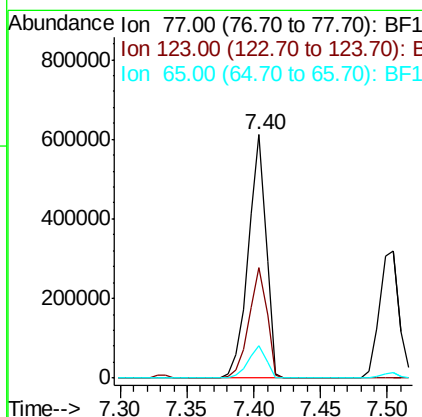
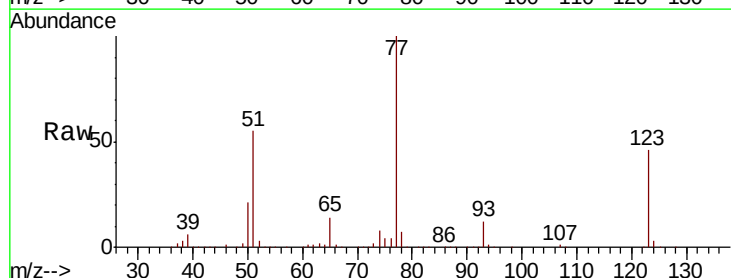
Manual Integrations
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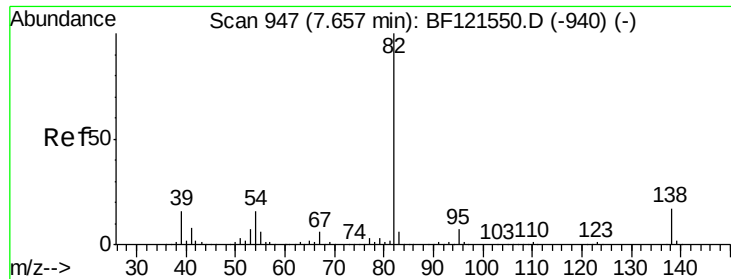
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#24
 Nitrobenzene
 Concen: 42.522 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion	77	Resp	556731
Ion Ratio	100	Lower	Upper
77	100		
123	45.6	35.8	53.8
65	13.6	11.2	16.8





#25

Isophorone

Concen: 41.569 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

Tot Ion: 82 Resp: 1012960

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

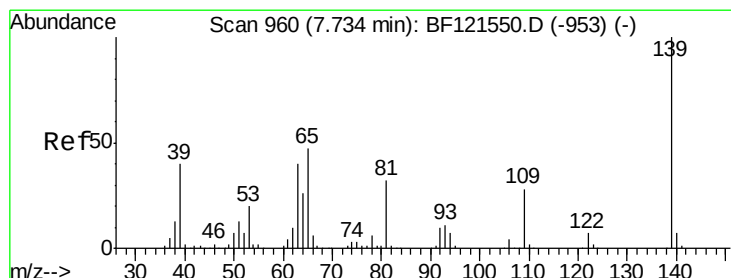
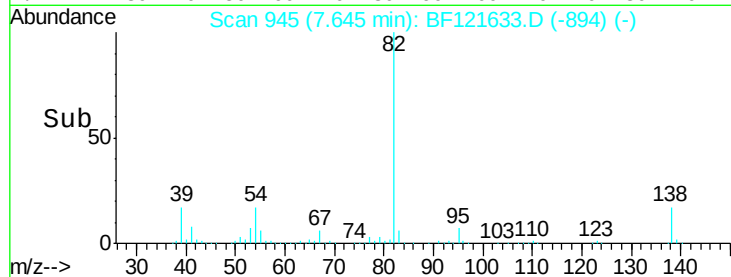
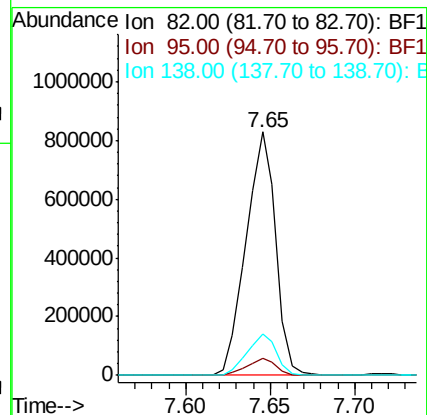
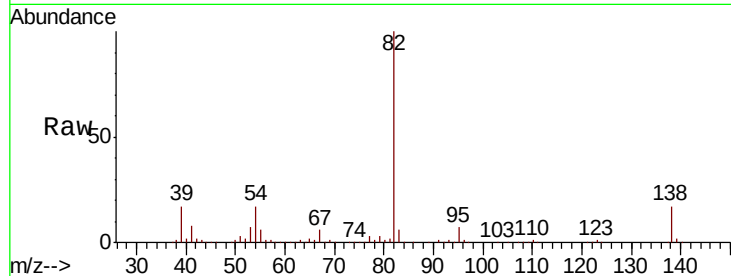
138 16.8 13.2 19.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.441 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

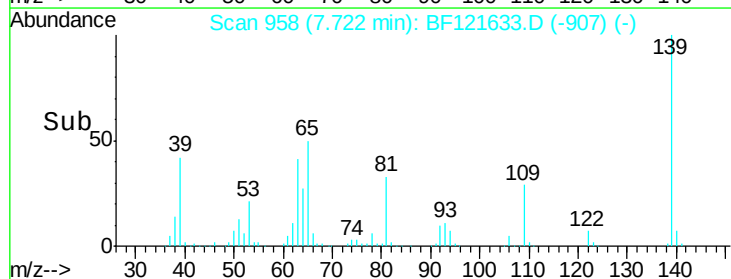
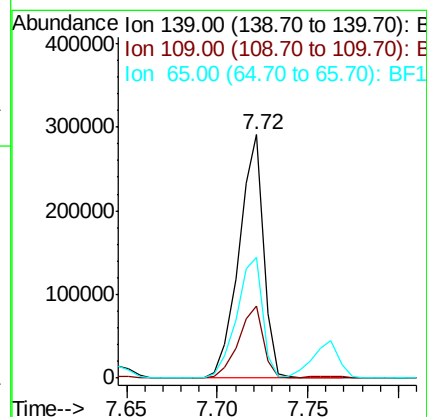
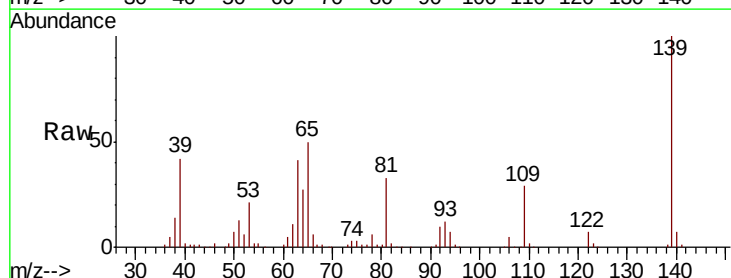
Tgt Ion: 139 Resp: 272682

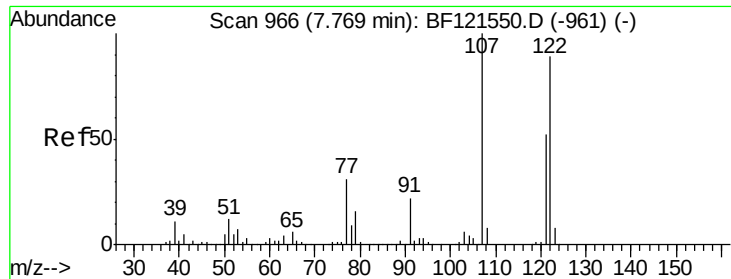
Ion Ratio Lower Upper

139 100

109 29.4 23.4 35.2

65 49.7 41.0 61.4





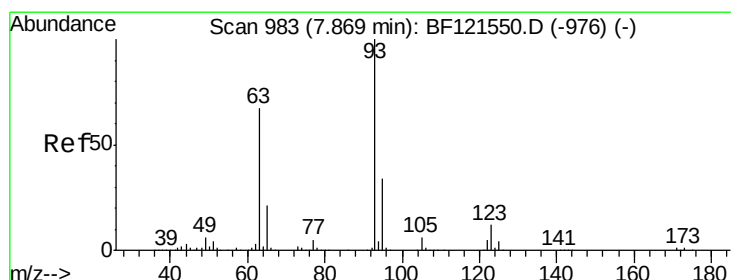
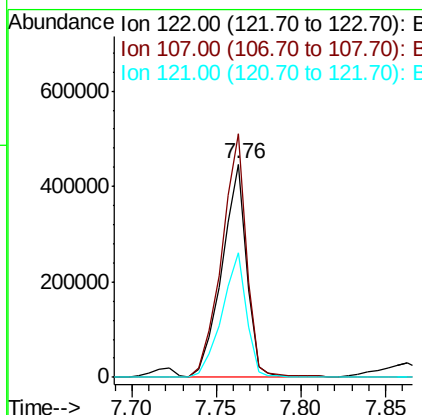
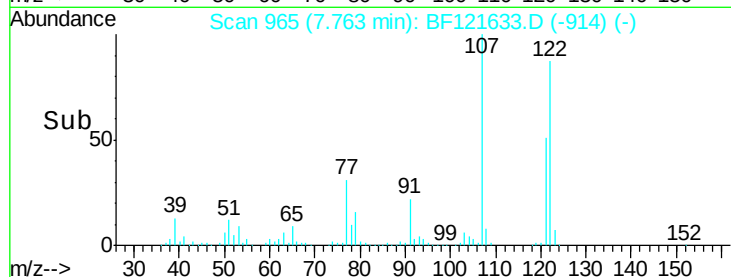
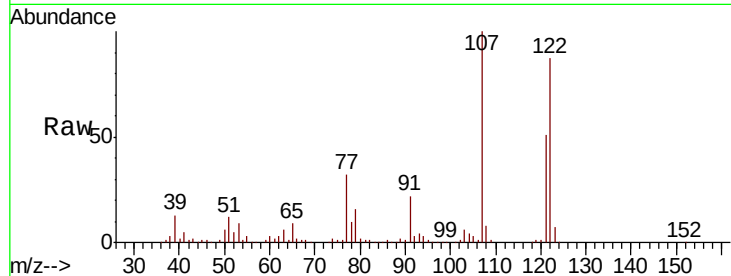
#27
 2,4-Dimethylphenol
 Concen: 41.610 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.4	91.4	137.0
121	58.3	46.2	69.2

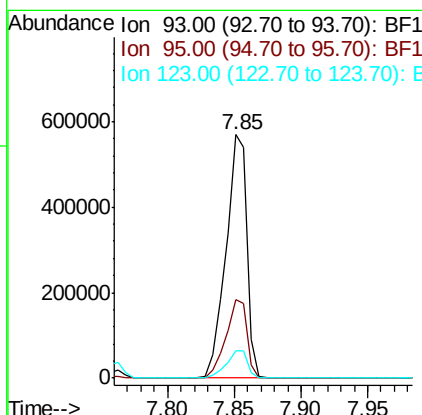
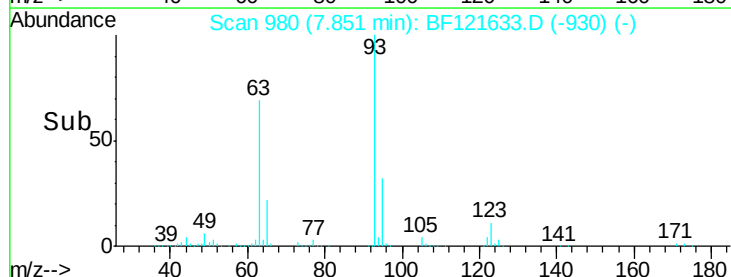
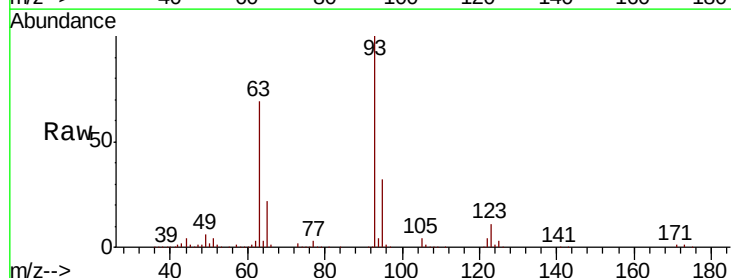
Manual Integrations
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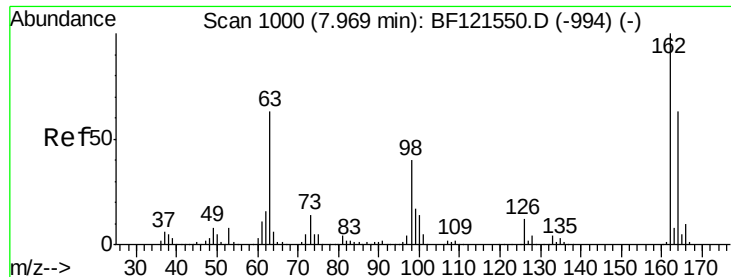
mohammad
 9/22/2020 10:08:56 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.091 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	11.1	9.3	13.9





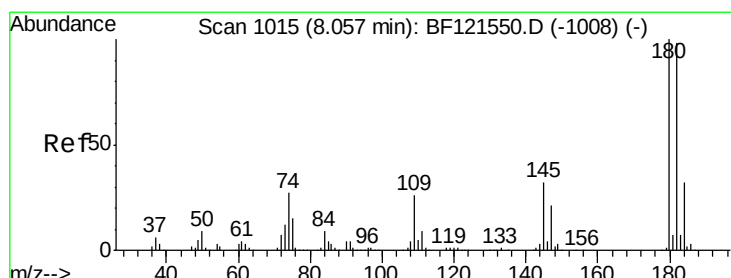
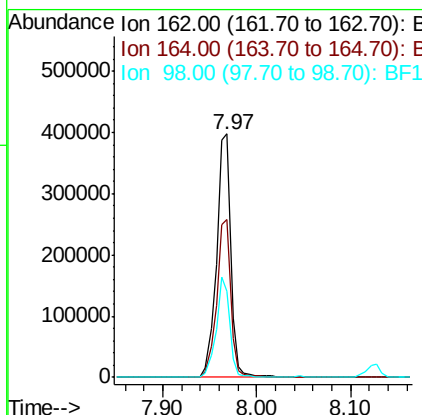
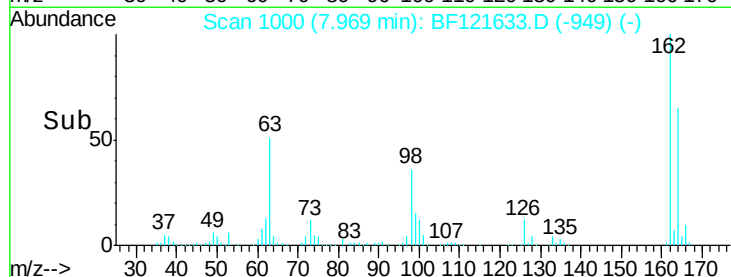
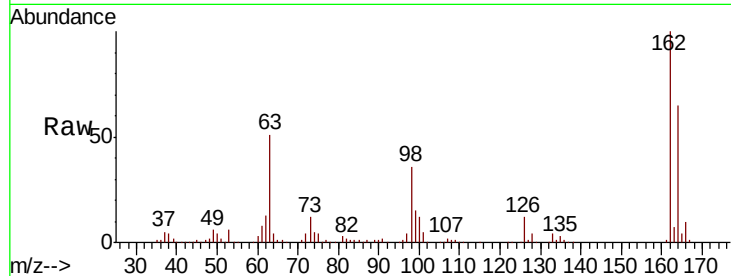
#29
 2,4-Dichlorophenol
 Concen: 43.212 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

Tot Ion:	162	Resp:	428108
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.1	84.1
98	35.5	16.7	56.7

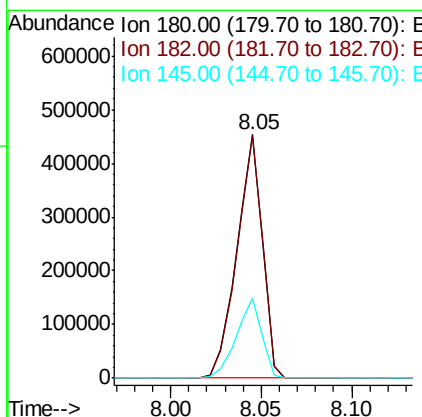
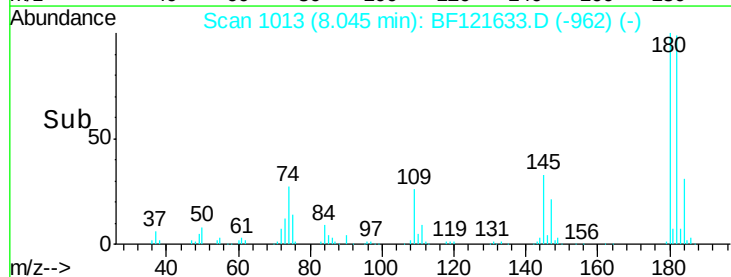
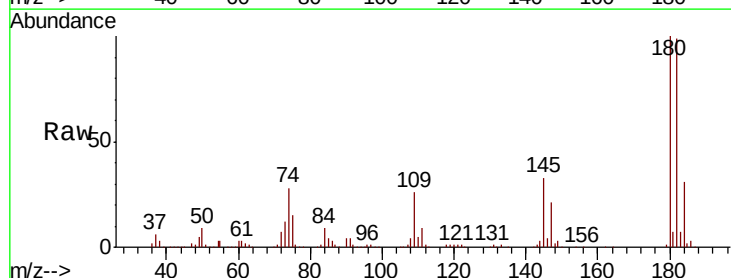
Manual Integrations
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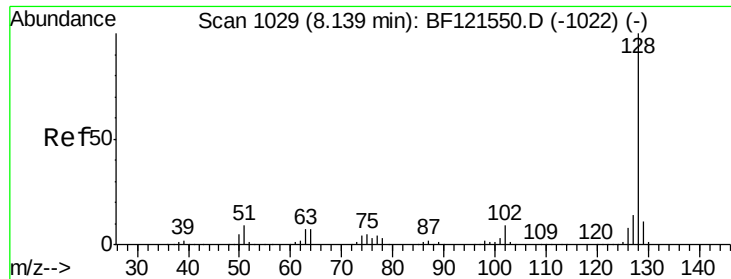
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.297 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion:	180	Resp:	441339
Ion Ratio	Lower	Upper	
180	100		
182	99.4	78.6	117.8
145	33.0	26.2	39.2





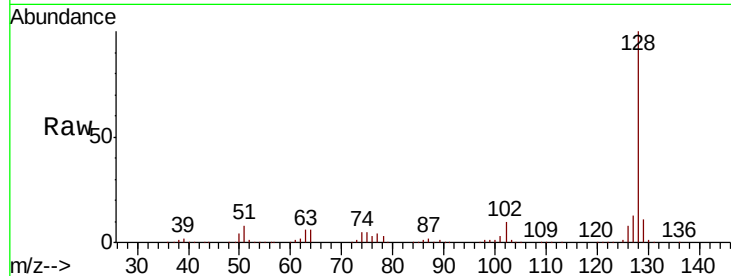
#31
Naphthalene
Concen: 41.582 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

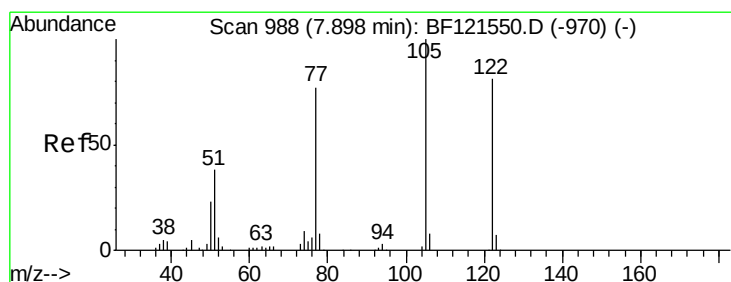
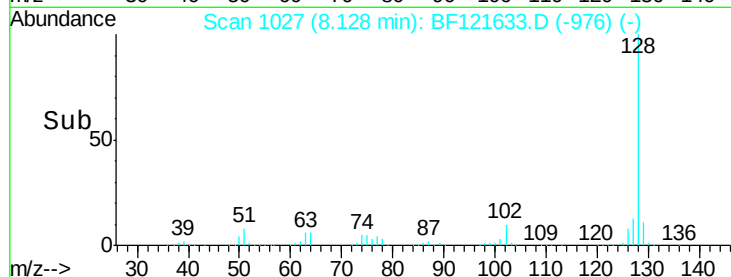
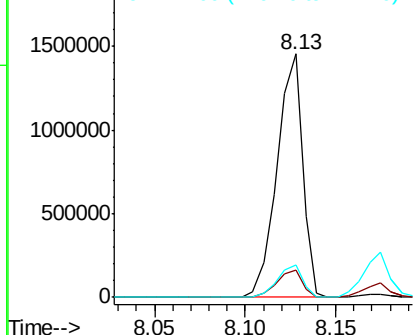
Tot Ion:128 Resp: 1426683
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.5 10.8 16.2

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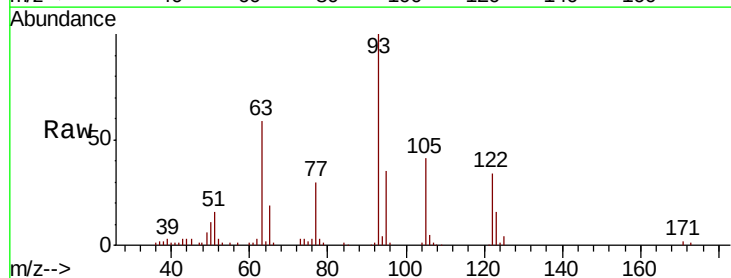


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

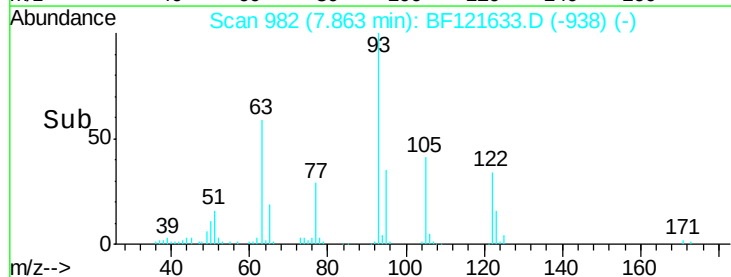
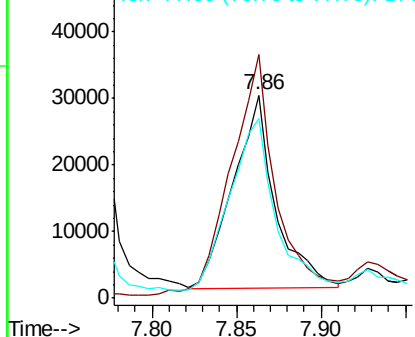


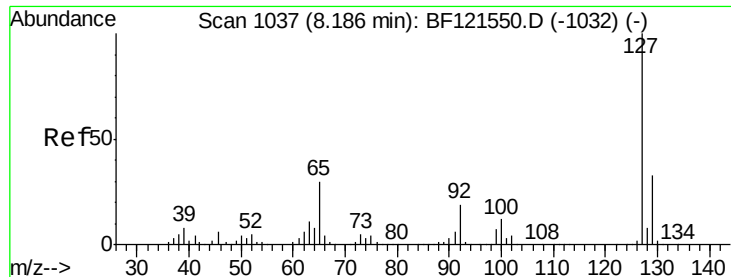
#32
Benzoic acid
Concen: 12.288 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.04 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:122 Resp: 50777
Ion Ratio Lower Upper
122 100
105 120.1 101.9 141.9
77 88.4 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
50000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





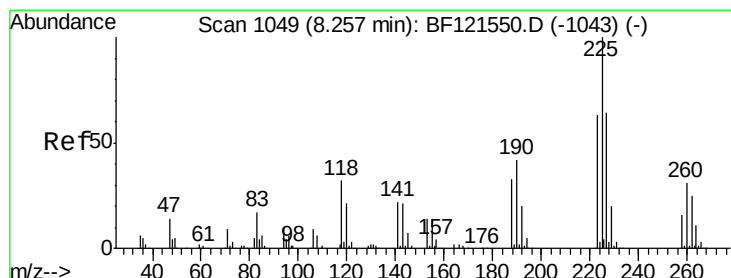
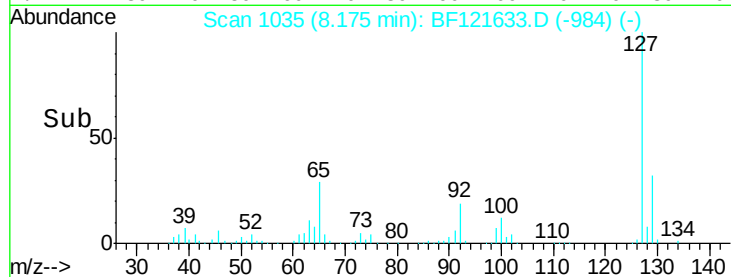
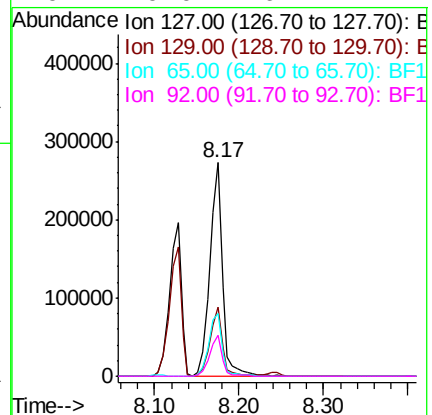
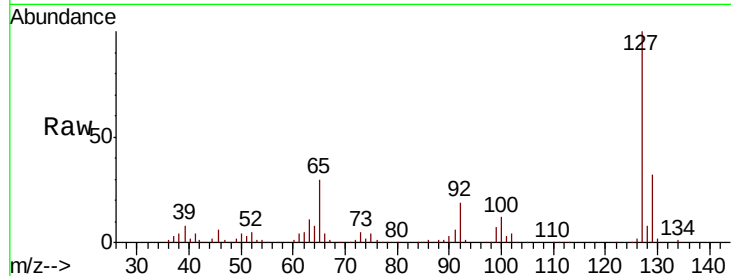
#33
4-Chloroaniline
Concen: 19.085 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.8	38.8		
65	29.7	26.3	39.5		
92	19.0	16.2	24.4		

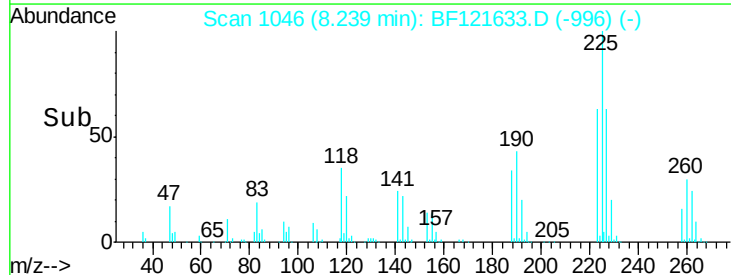
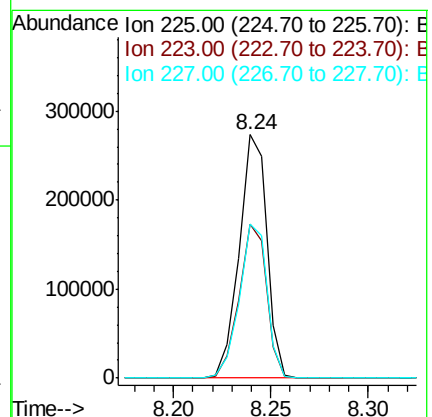
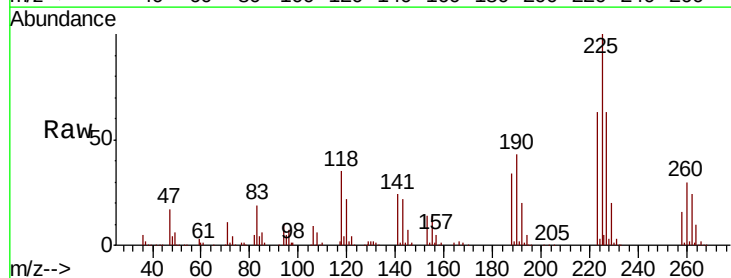
Manual Integrations
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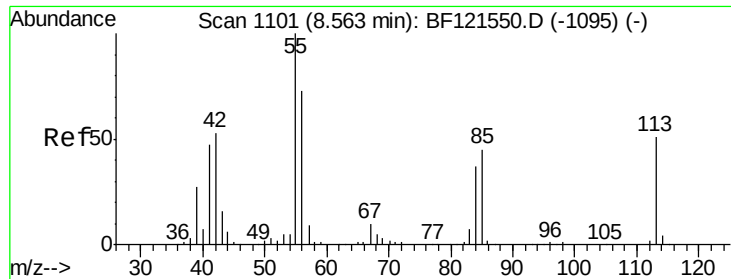
mohammad
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#34
Hexachlorobutadiene
Concen: 43.895 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	51.4	77.2		
227	63.3	51.7	77.5		





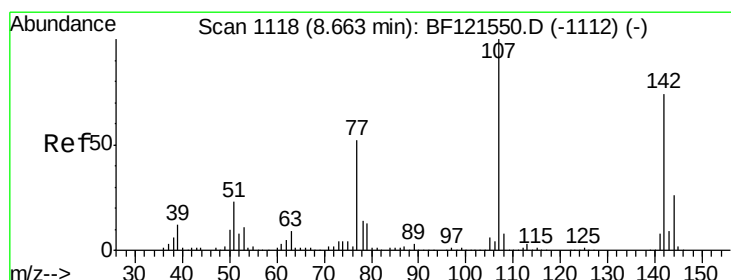
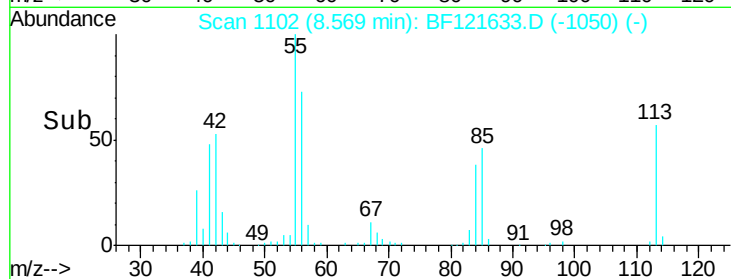
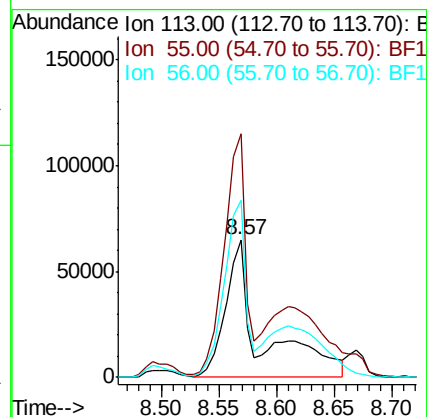
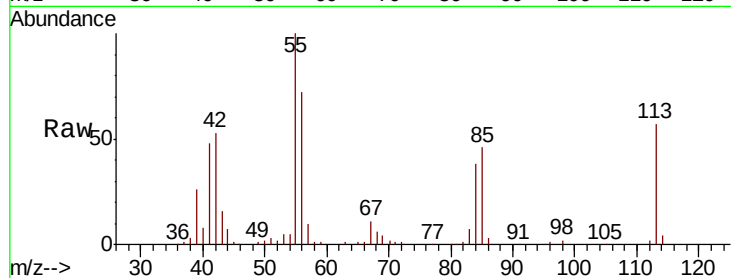
#35
Caprolactam
Concen: 42.446 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	176.5	166.3	206.3		
56	127.9	118.7	158.7		

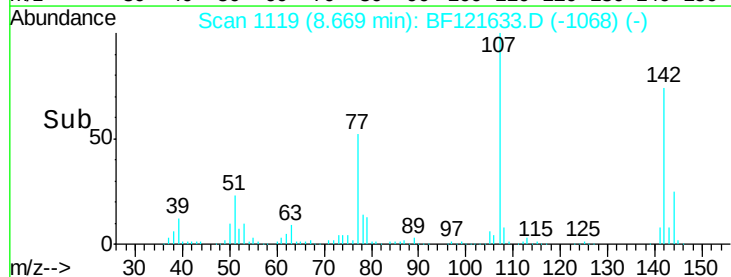
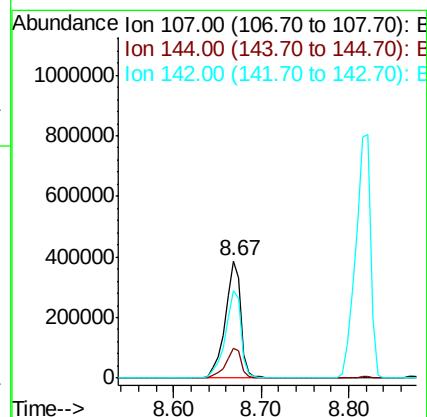
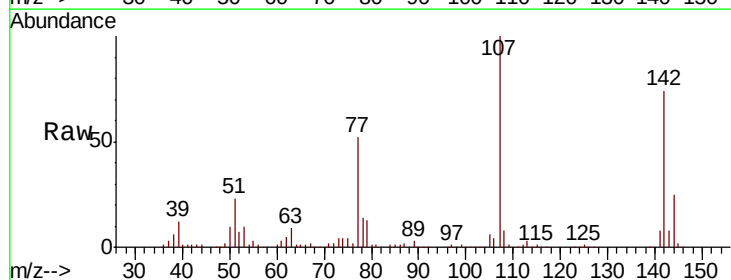
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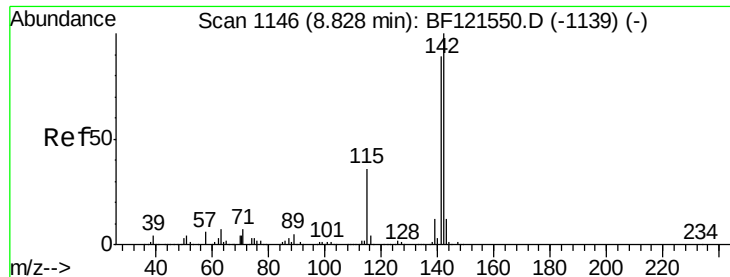
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 44.877 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.9	20.6	31.0		
142	74.2	61.7	92.5		





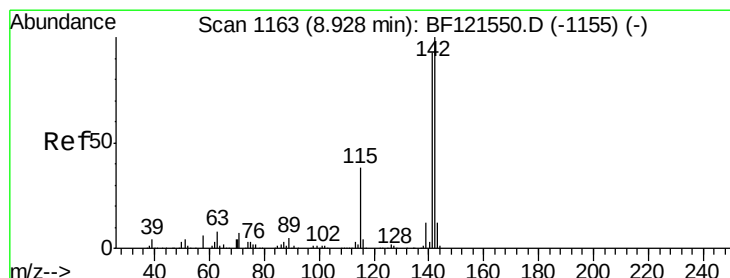
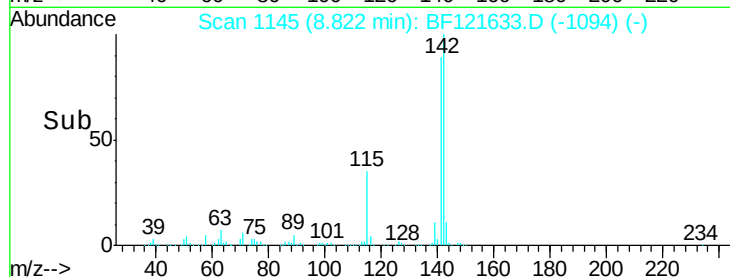
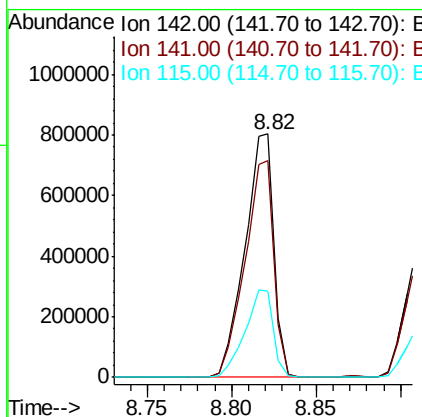
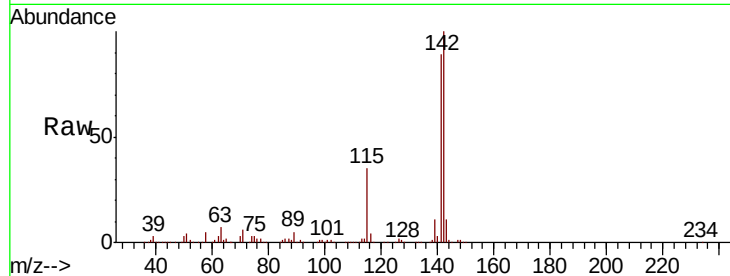
#37
2-Methylnaphthalene
Concen: 42.969 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.2	108.2
115	35.4	28.5	42.7

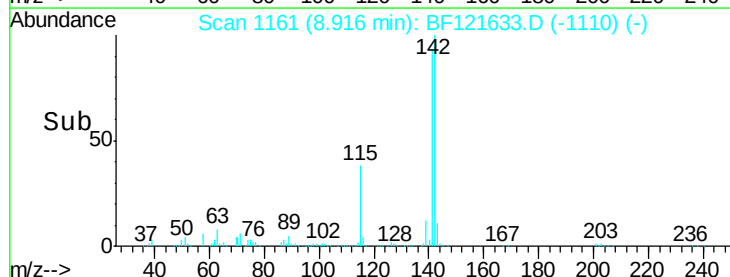
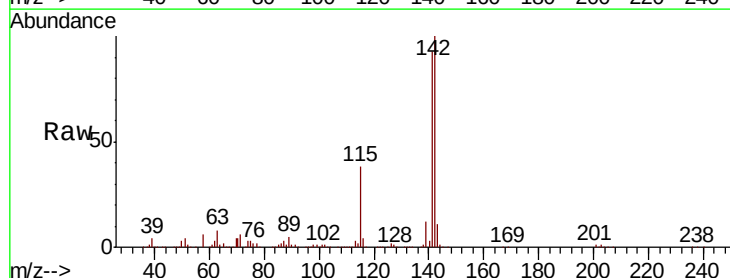
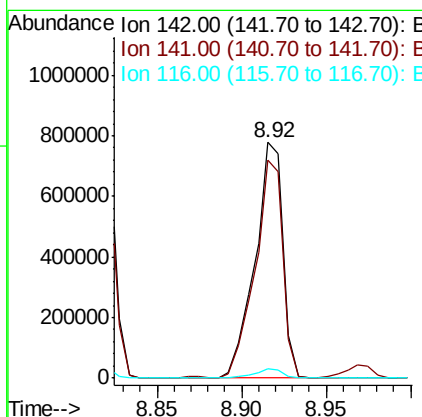
Manual Integrations
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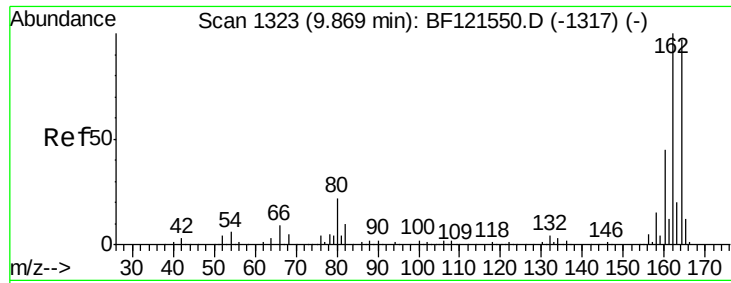
mohammad
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#38
1-Methylnaphthalene
Concen: 42.396 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.8	110.8
116	4.0	3.3	4.9





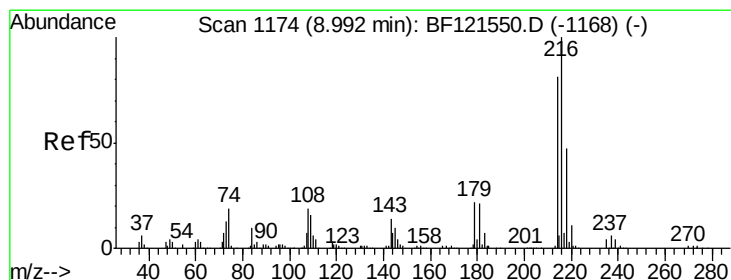
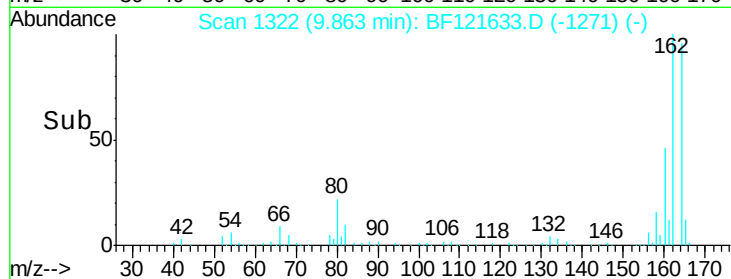
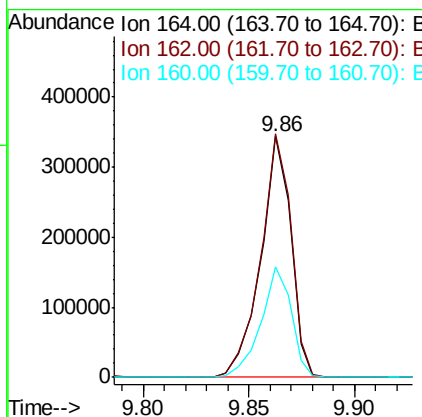
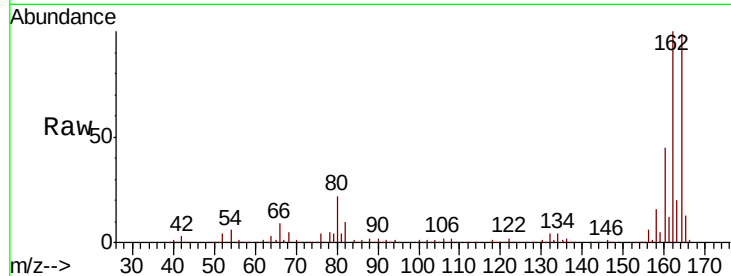
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	81.2	121.8	
160	46.0	36.2	54.4	

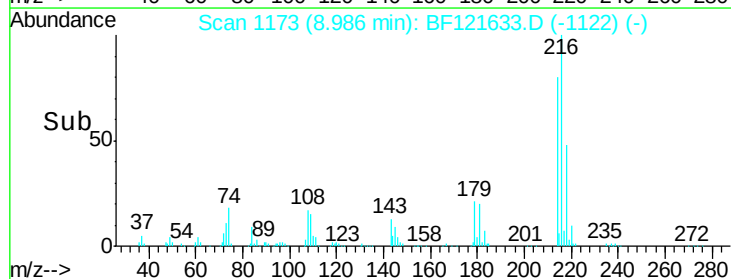
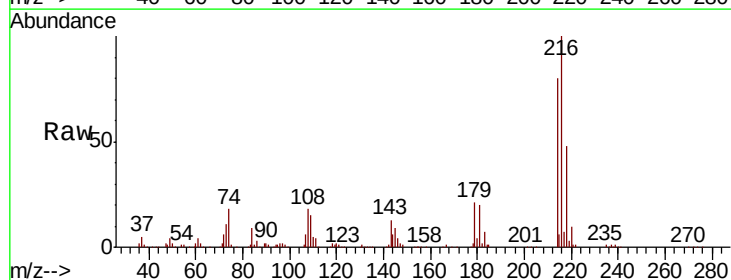
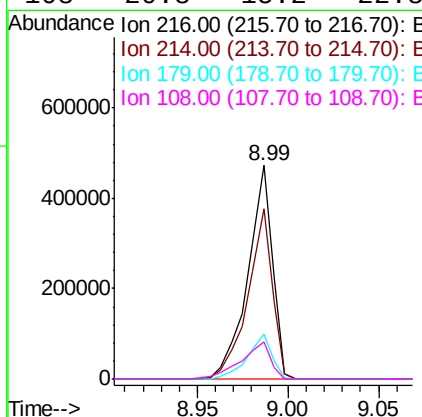
Manual Integrations
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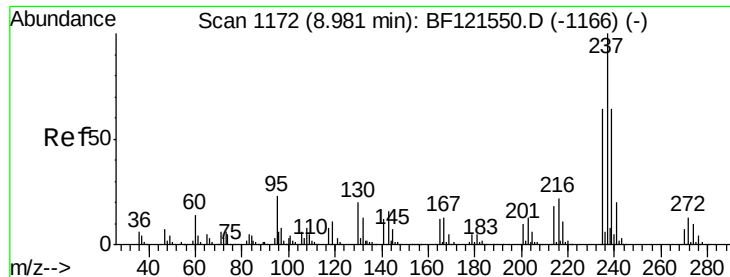
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.808 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.0	94.4	
179	20.8	16.6	24.8	
108	20.8	15.2	22.8	





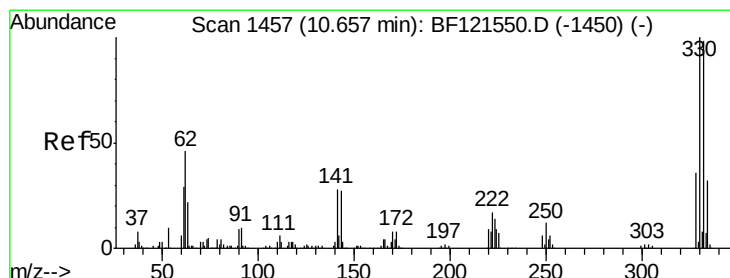
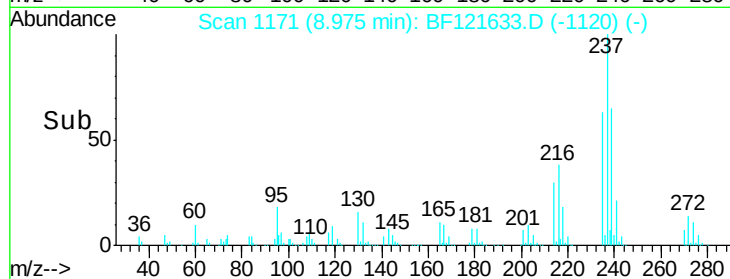
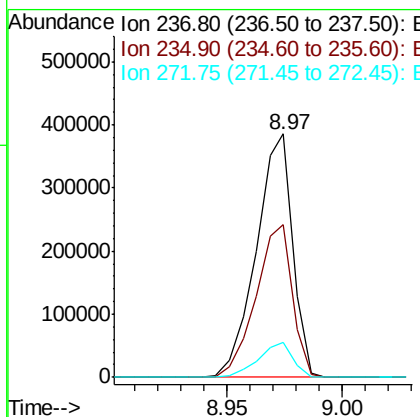
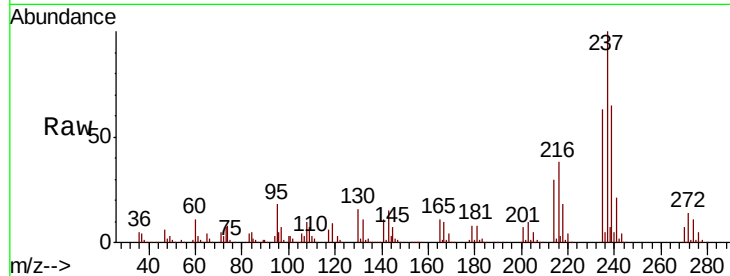
#41
Hexachlorocyclopentadiene
Concen: 69.235 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.8	43.4	83.4
272	14.1	0.0	34.1

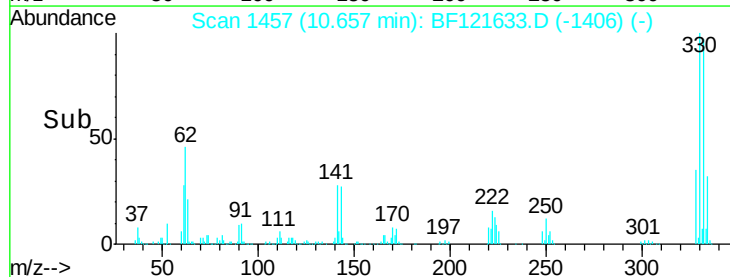
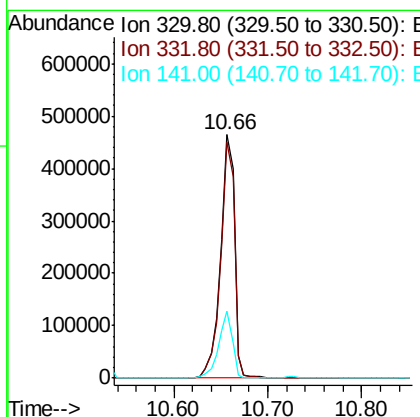
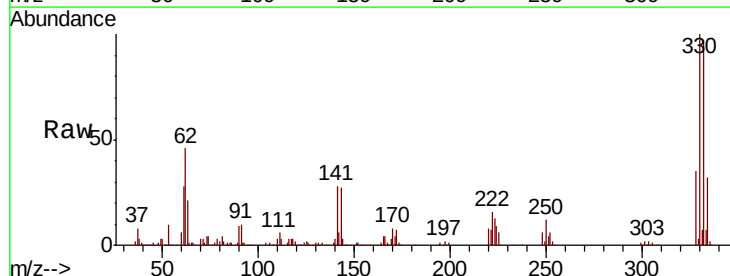
Manual Integrations
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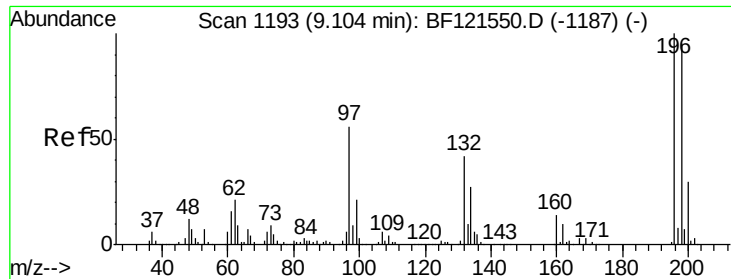
mohammad
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#42
2,4,6-Tribromophenol
Concen: 114.681 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	76.9	115.3
141	27.0	22.4	33.6





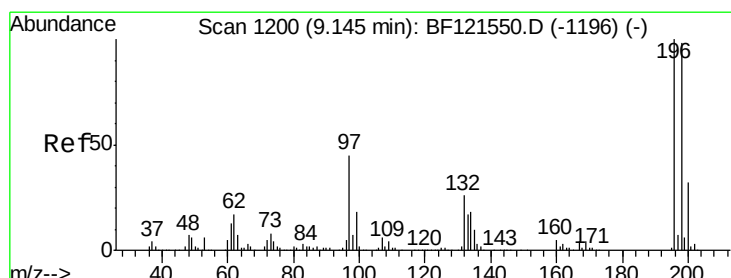
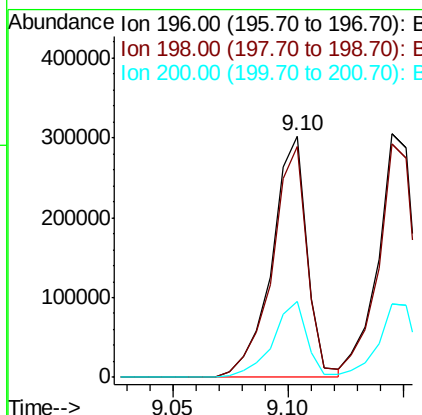
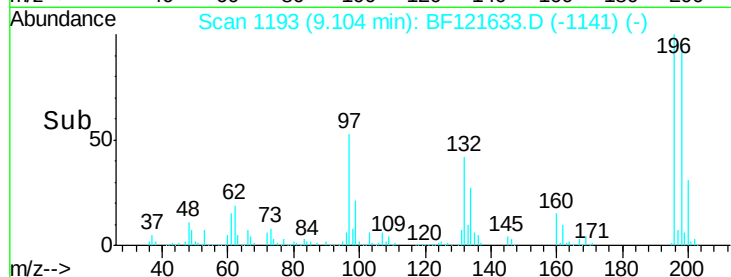
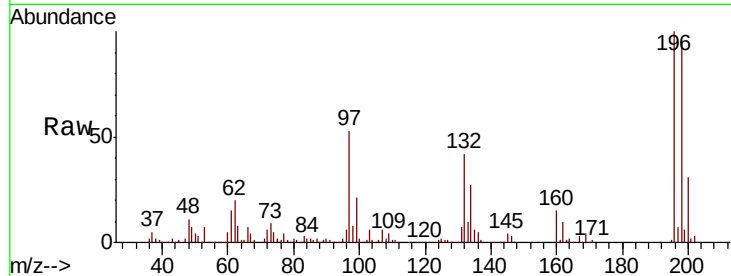
#43
 2,4,6-Trichlorophenol
 Concen: 43.736 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	318471		
198	96.0	75.4	113.2	
200	31.4	24.5	36.7	

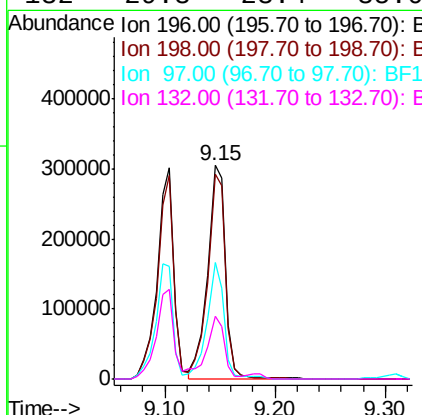
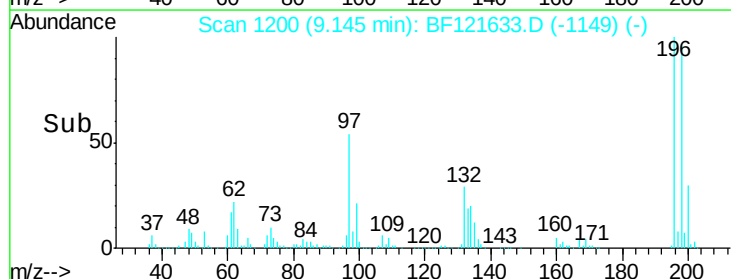
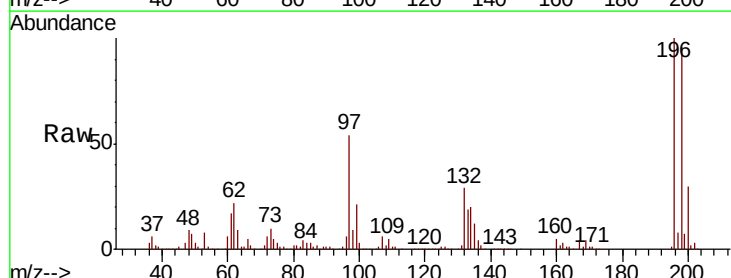
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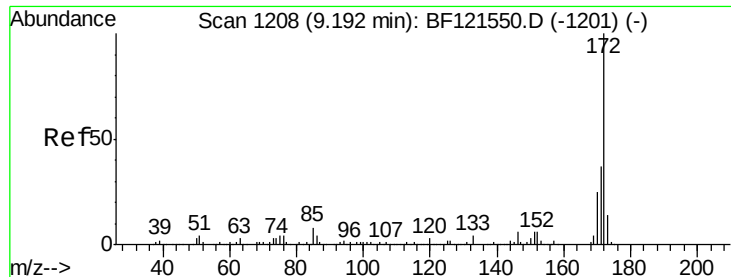
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#44
 2,4,5-Trichlorophenol
 Concen: 43.195 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	332513		
198	96.0	74.3	111.5	
97	54.4	44.2	66.2	
132	29.3	23.4	35.0	





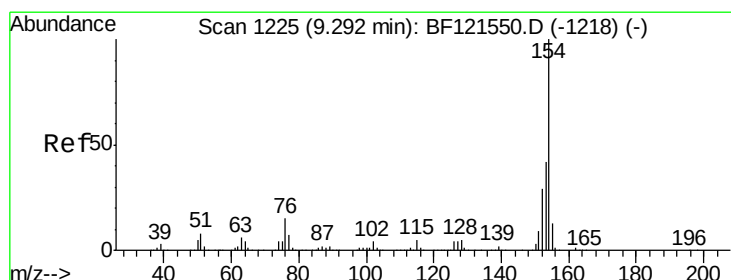
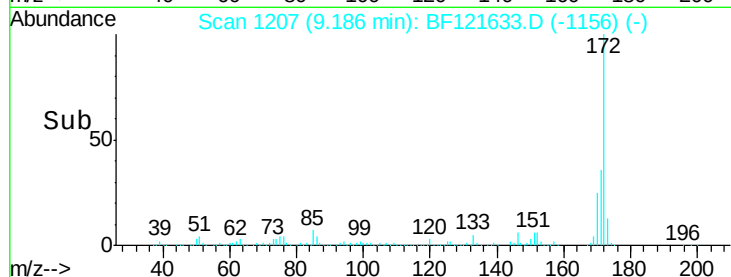
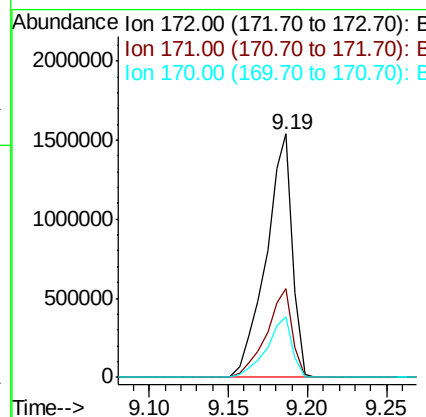
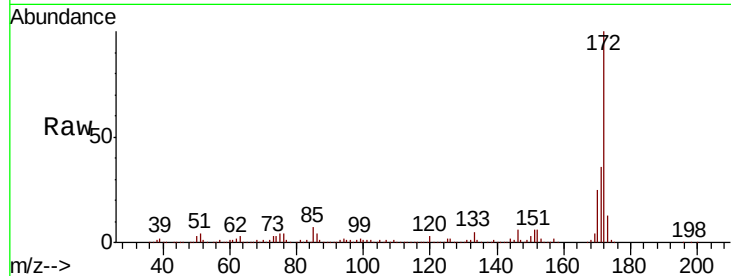
#45
2-Fluorobiphenyl
Concen: 78.729 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.5	29.3	43.9	
170	24.8	19.5	29.3	

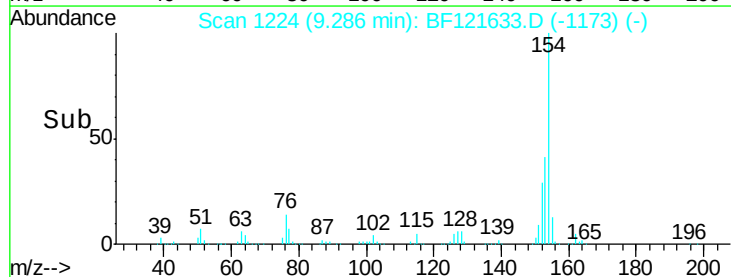
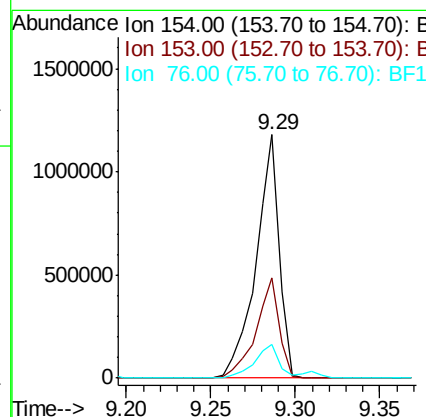
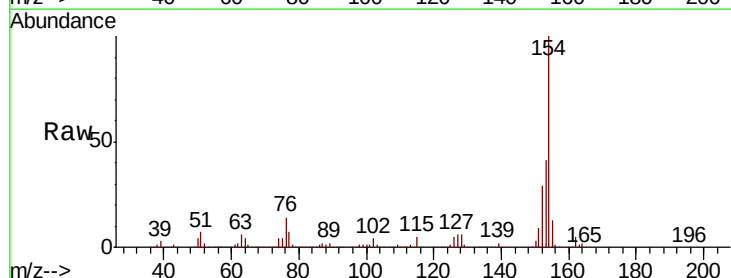
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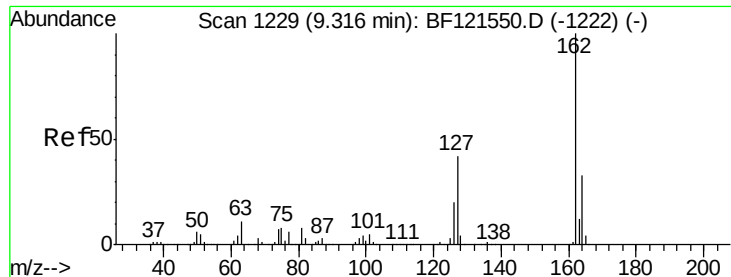
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#46
1,1'-Biphenyl
Concen: 41.350 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.0	21.1	61.1	
76	14.0	0.0	34.1	





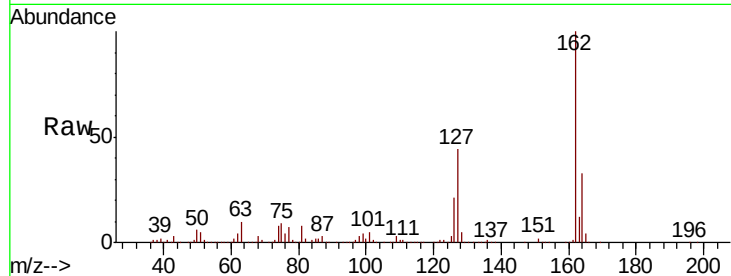
#47
 2-Chloronaphthalene
 Concen: 40.633 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

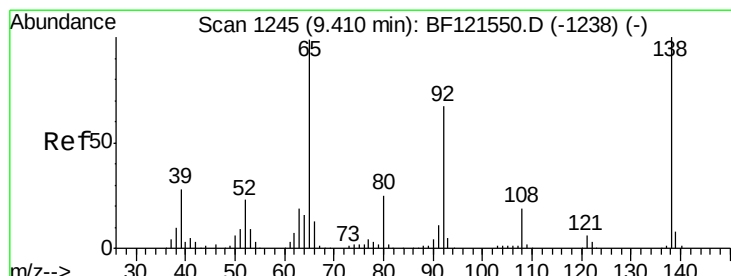
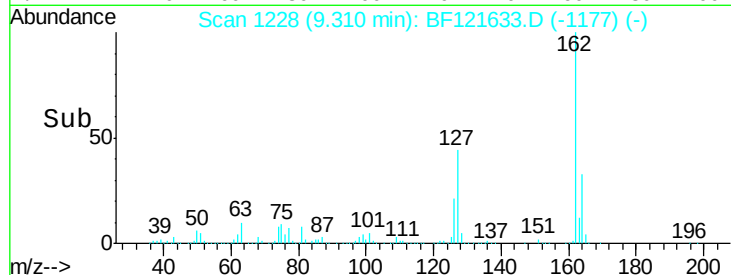
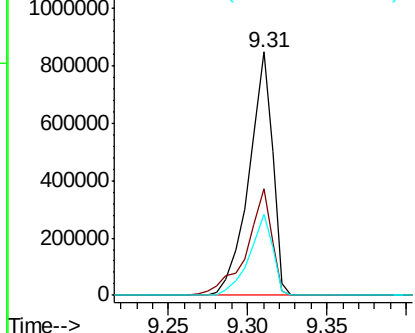
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.6	34.2	51.4	
164	33.2	27.0	40.4	

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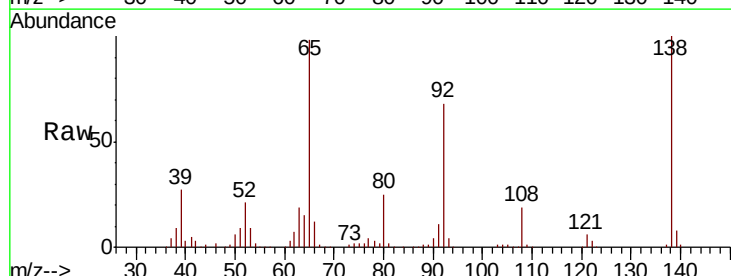


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

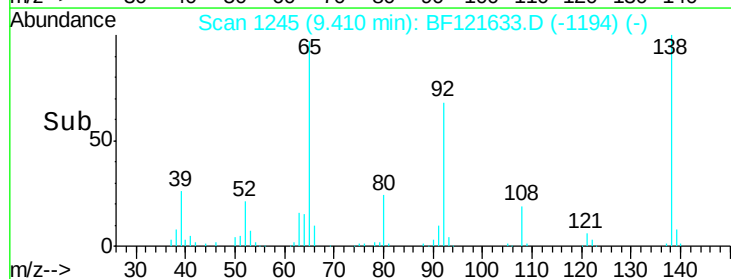
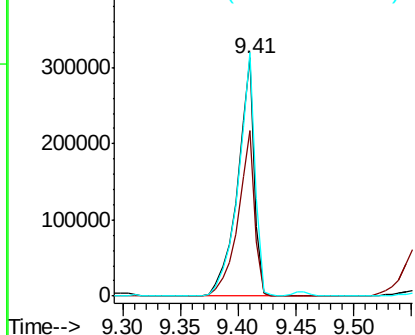


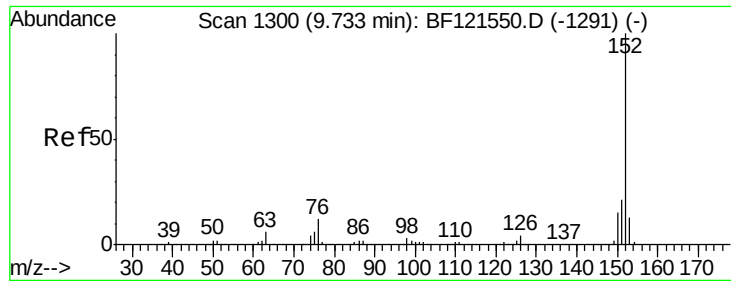
#48
 2-Nitroaniline
 Concen: 46.928 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.6	56.0	84.0	
138	102.3	84.7	127.1	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.066 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

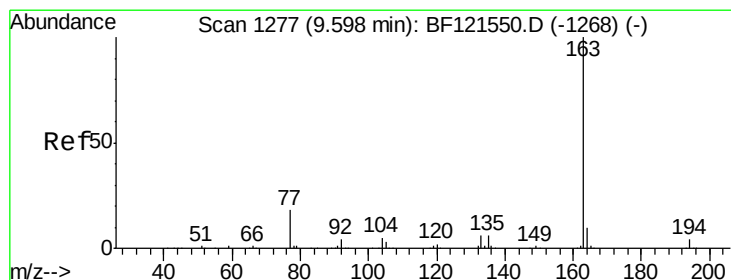
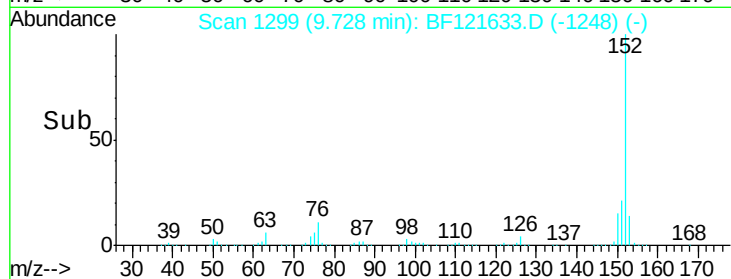
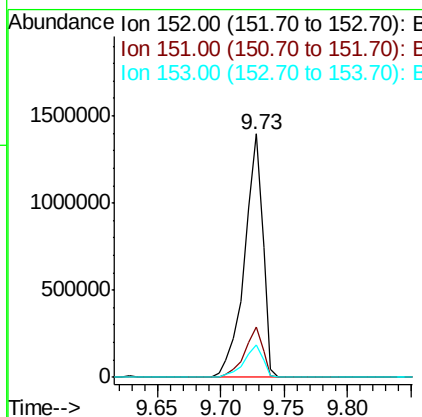
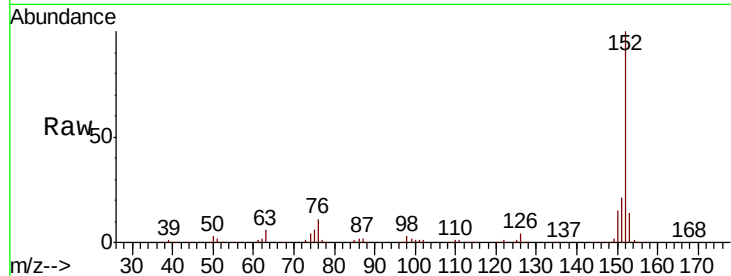
ClientSampleId :

PAV-B33-091720-10-19MSD

Tot Ion:	152	Resp:	1394511
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.5	10.7	16.1

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#50

Dimethylphthalate

Concen: 53.610 ng

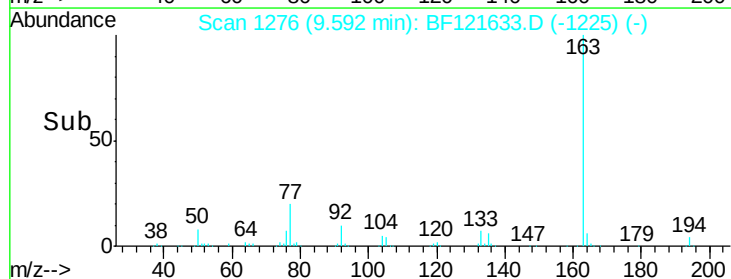
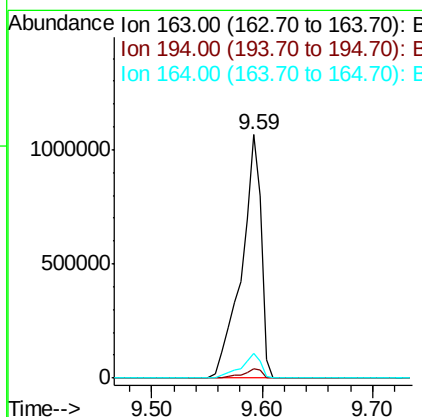
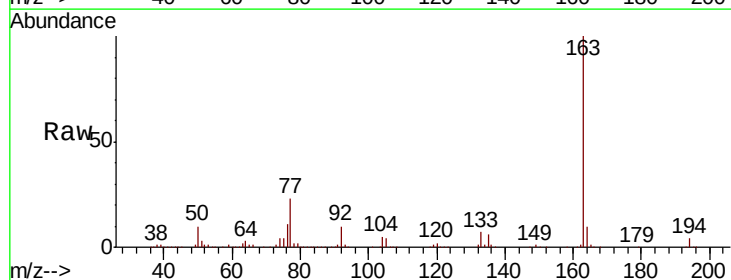
RT: 9.59 min Scan# 1276

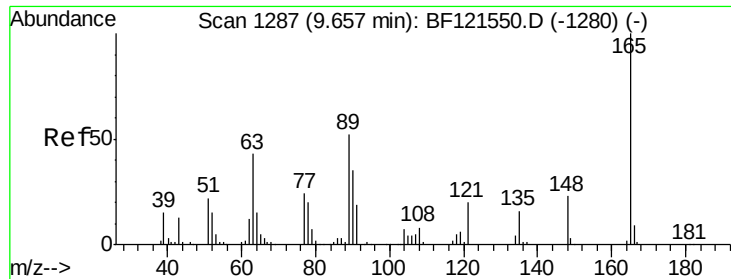
Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Tgt Ion:	163	Resp:	1328893
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.4	8.0	12.0





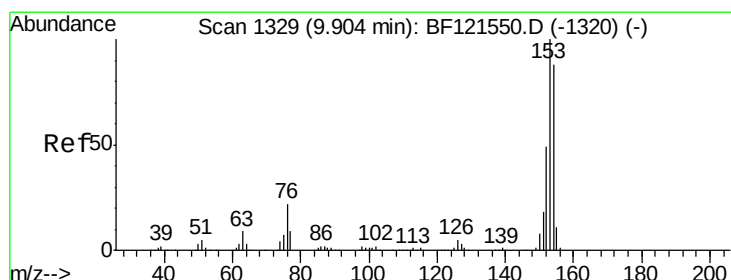
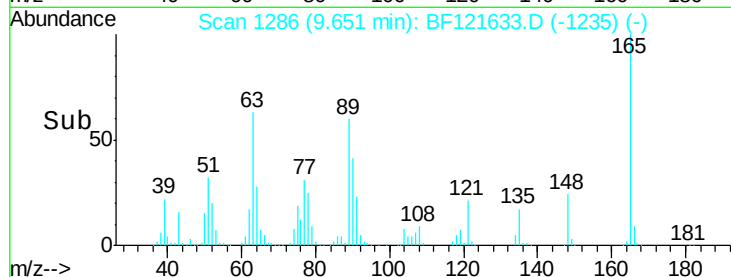
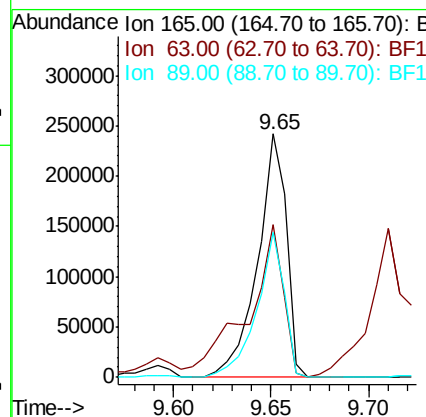
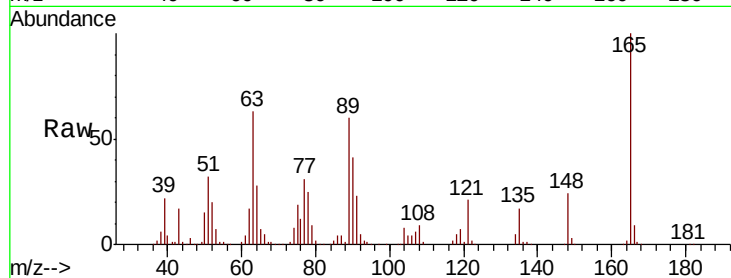
#51
 2,6-Dinitrotoluene
 Concen: 46.927 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		247730		
63	62.6	47.6	71.4		
89	59.7	46.0	69.0		

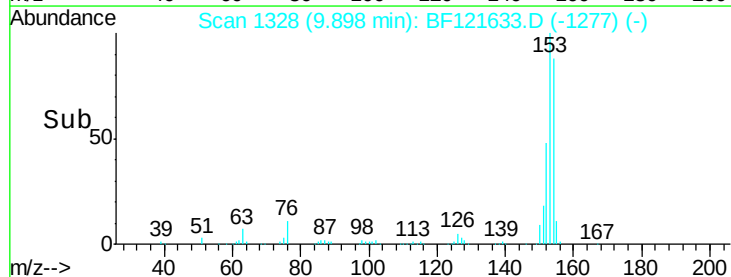
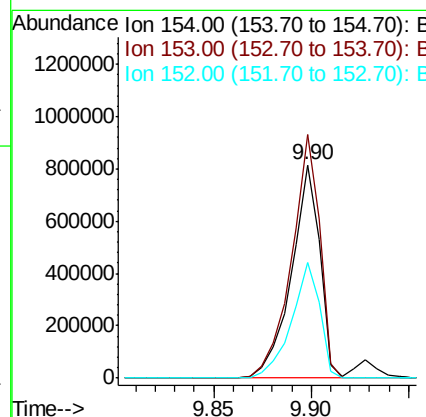
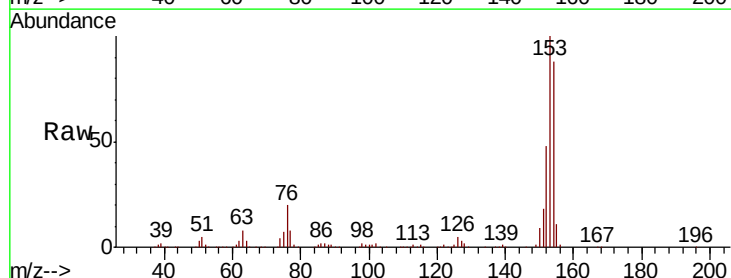
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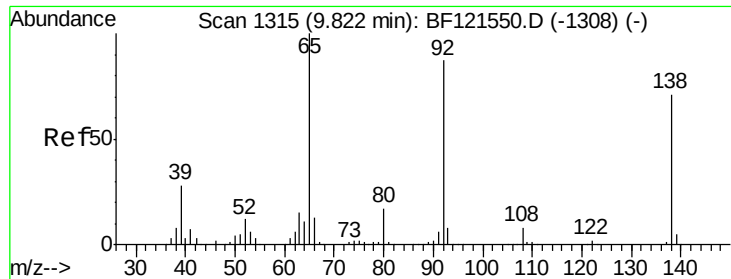
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#52
 Acenaphthene
 Concen: 39.276 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		822382		
153	114.0	89.9	134.9		
152	54.4	43.8	65.6		





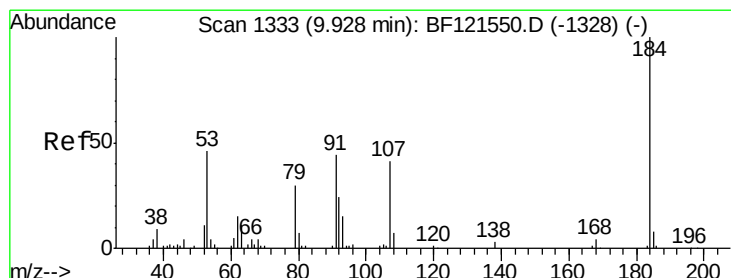
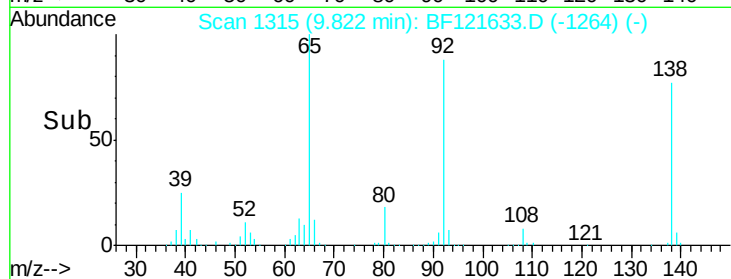
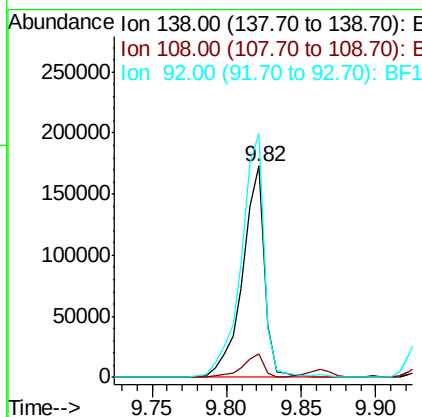
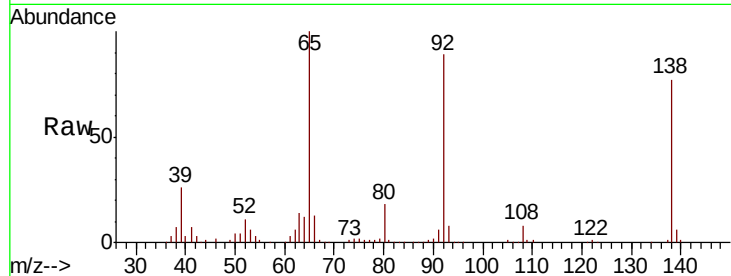
#53
 3-Nitroaniline
 Concen: 29.080 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	115.2	96.5	144.7

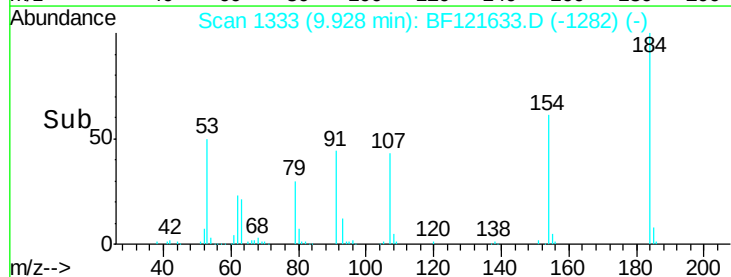
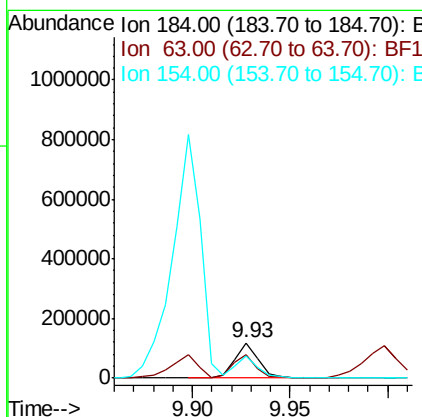
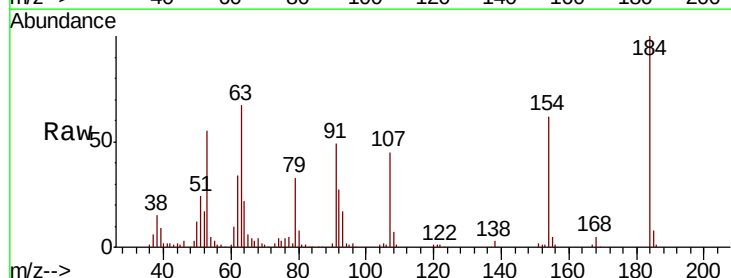
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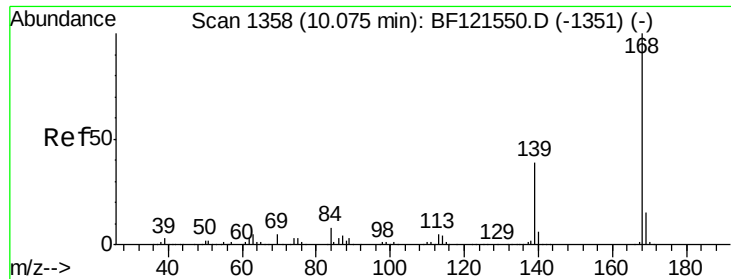
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#54
 2,4-Dinitrophenol
 Concen: 38.570 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.9	51.5	77.3
154	61.6	46.6	70.0





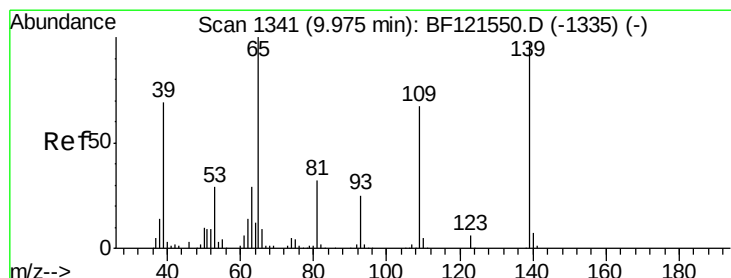
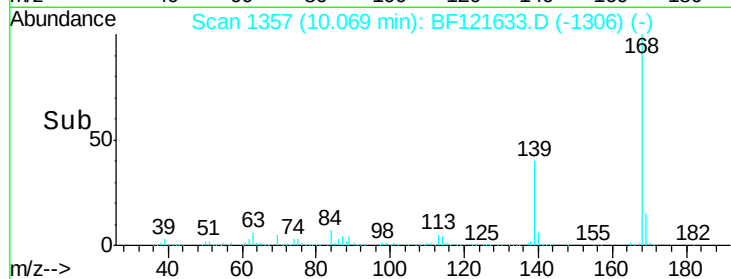
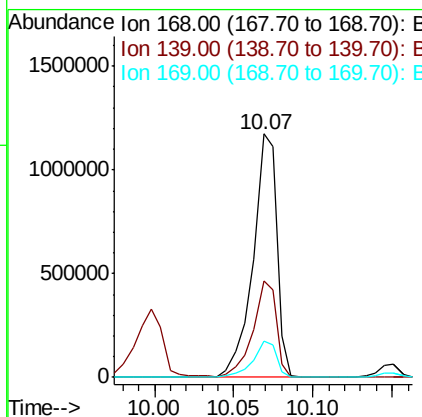
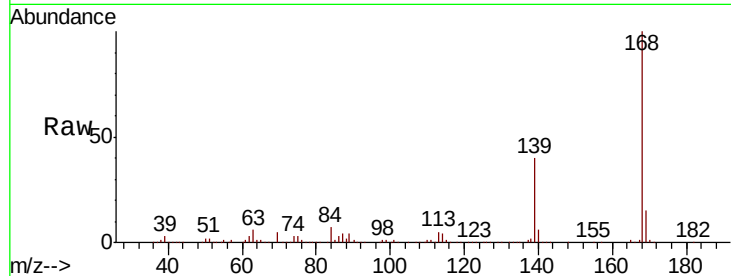
#55
Dibenzenofuran
Concen: 41.755 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.8	47.8
169	14.6	11.6	17.4

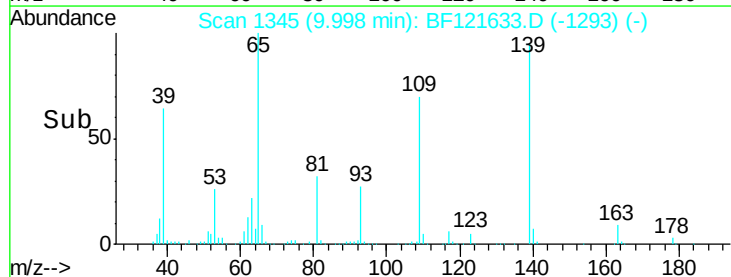
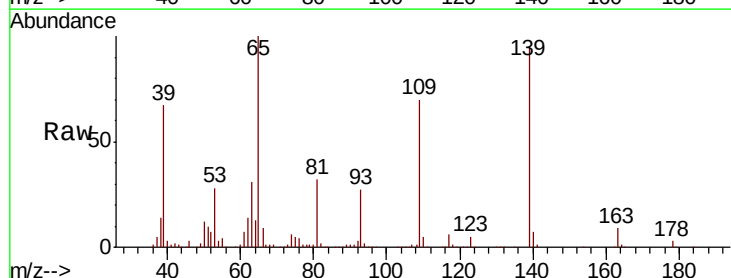
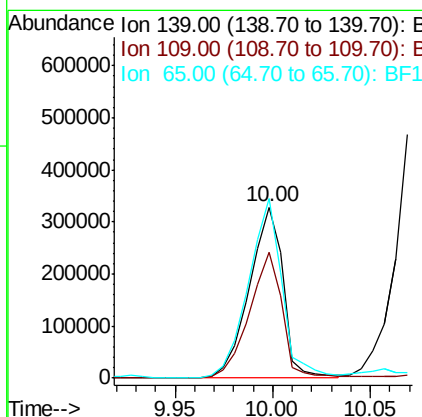
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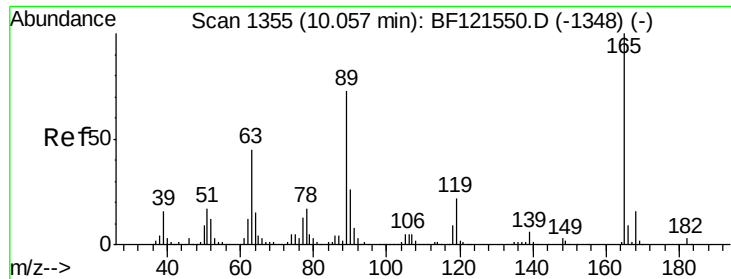
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#56
4-Nitrophenol
Concen: 80.793 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.3	48.1	88.1
65	105.3	74.7	114.7





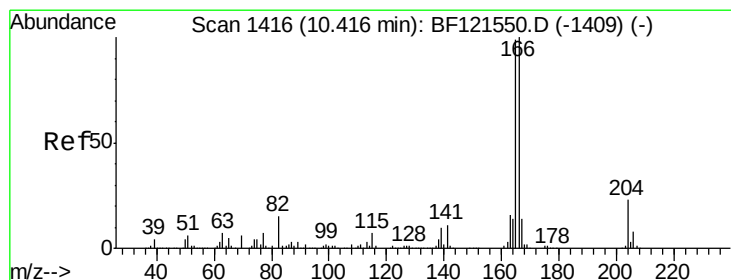
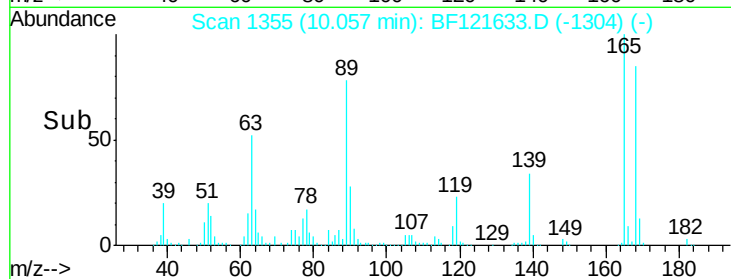
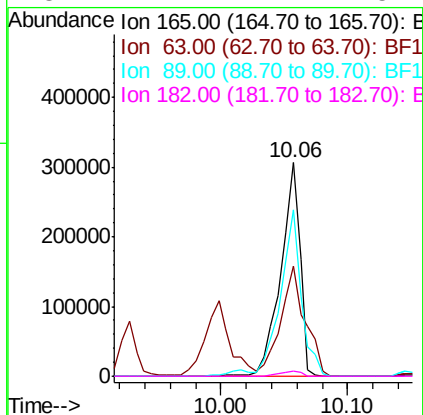
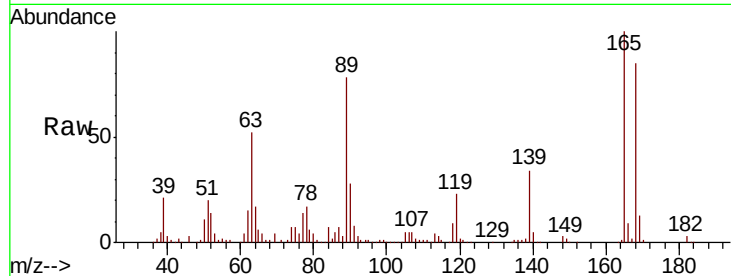
#57
2,4-Dinitrotoluene
Concen: 48.803 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		324119		
63	51.7	36.7	55.1		
89	77.8	57.7	86.5		
182	2.7	2.1	3.1		

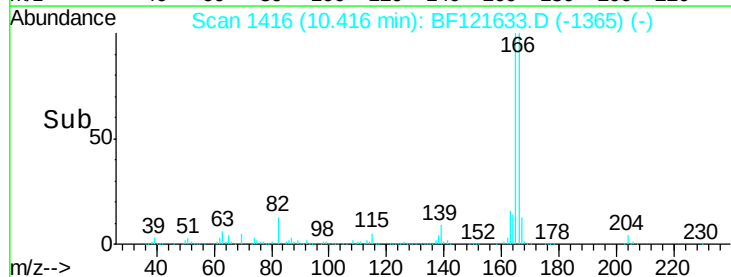
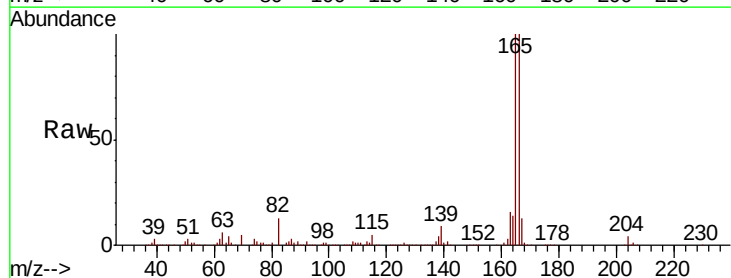
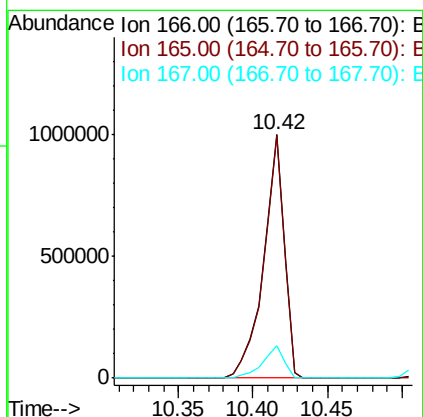
Manual Integrations
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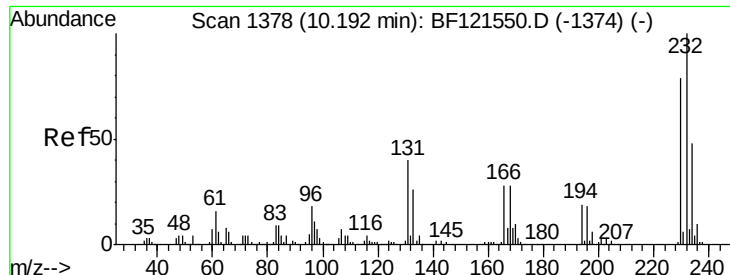
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#58
Fluorene
Concen: 42.105 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		949437		
165	99.7	80.1	120.1		
167	13.5	10.8	16.2		





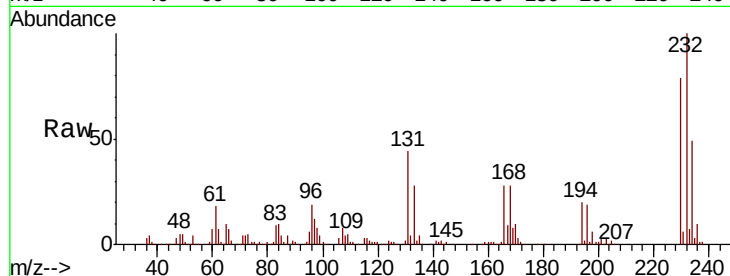
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.891 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

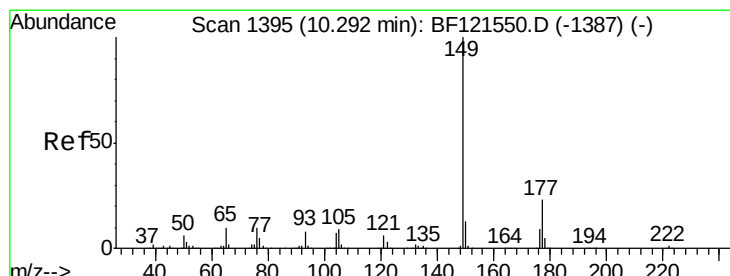
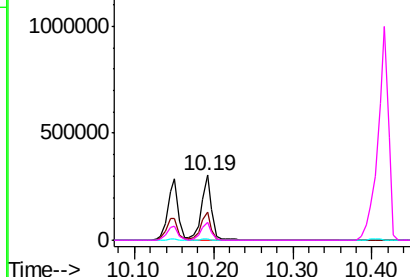
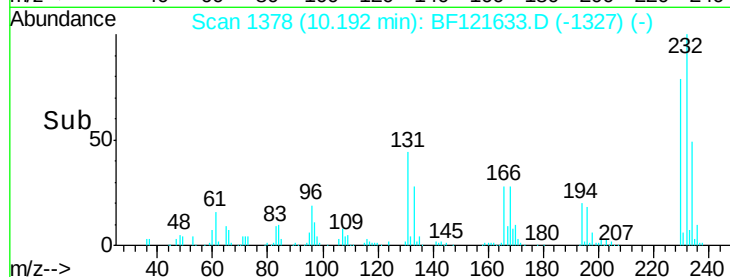
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		274680		
131	43.7	35.1	52.7		
130	2.1	1.6	2.4		
166	28.2	23.3	34.9		

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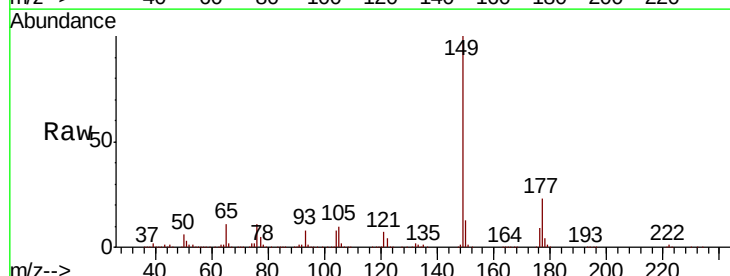


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

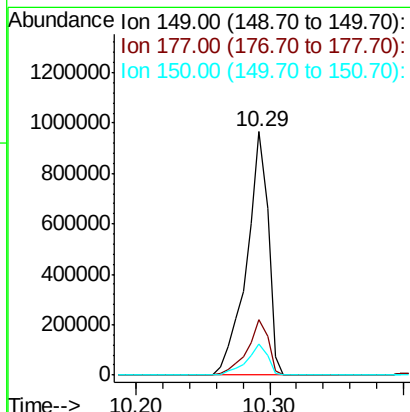
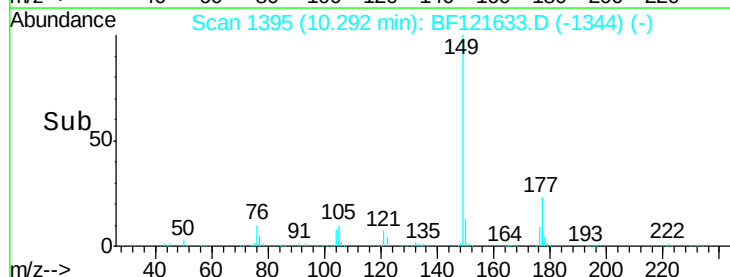


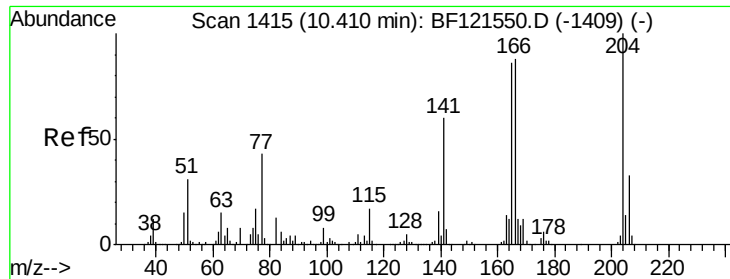
#60
 Diethylphthalate
 Concen: 43.953 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1062251		
177	22.5	18.1	27.1		
150	13.0	9.8	14.8		



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





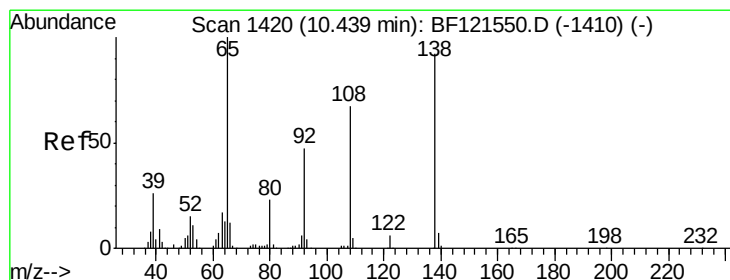
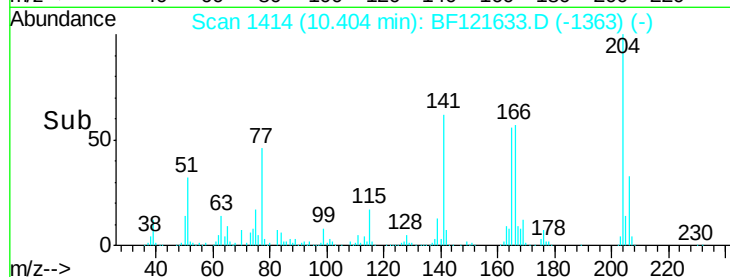
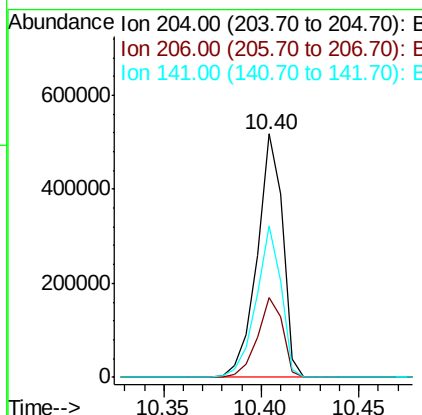
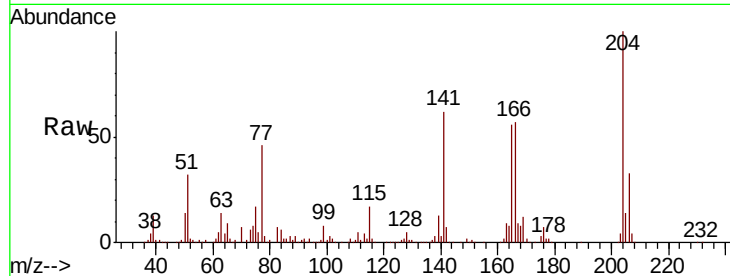
#61
4-Chlorophenyl-phenylether
Concen: 43.315 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.7	40.1
141	62.2	50.4	75.6

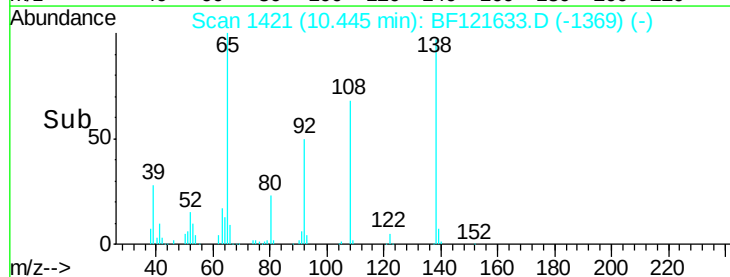
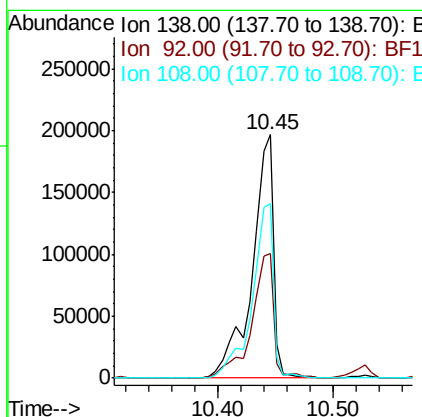
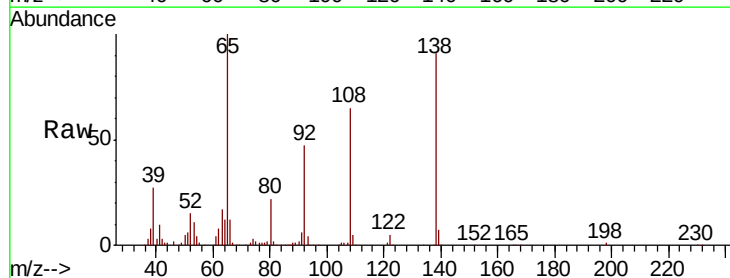
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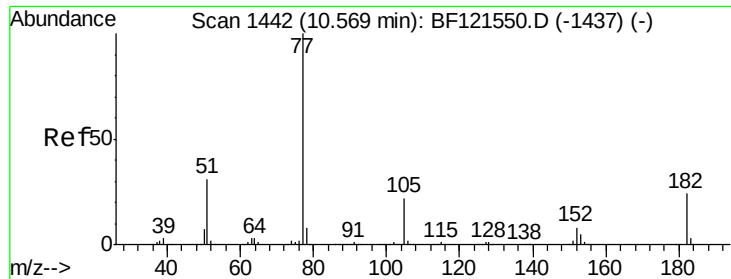
mohammad
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#62
4-Nitroaniline
Concen: 42.103 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	34.8	74.8
108	71.4	55.5	95.5





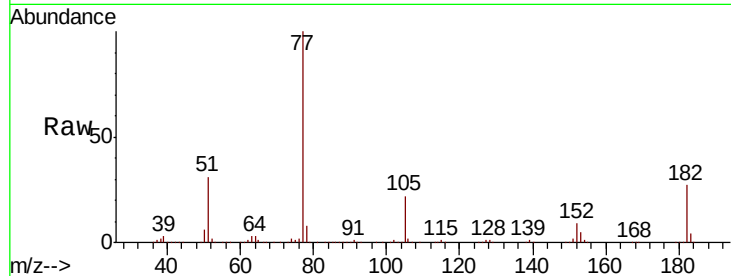
#63
Azobenzene
Concen: 41.780 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	6.8	46.8
105	22.2	2.2	42.2
51	30.5	10.7	50.7

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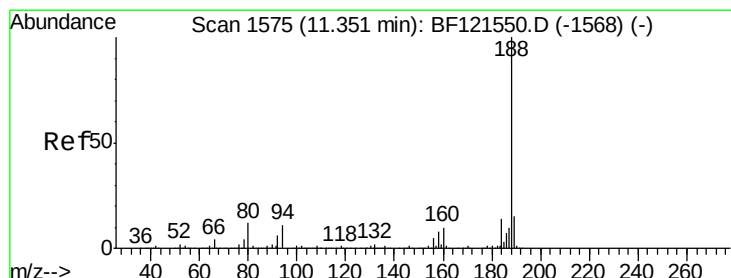
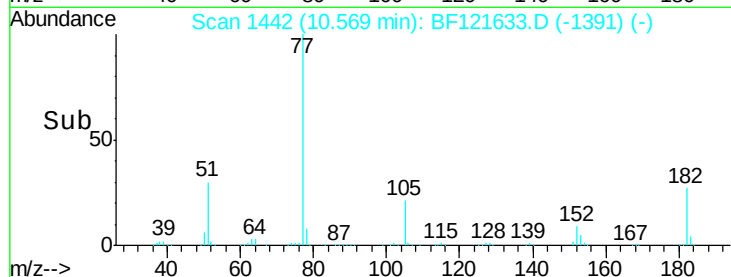
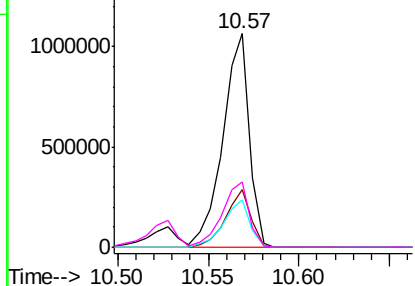
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

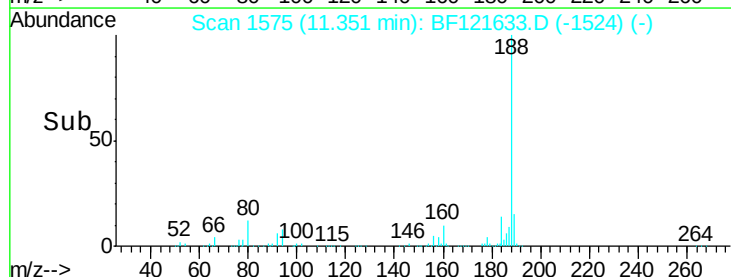
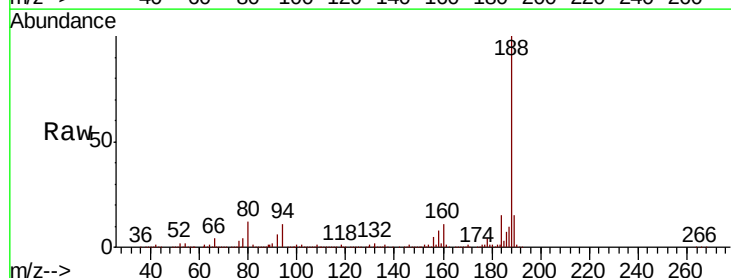
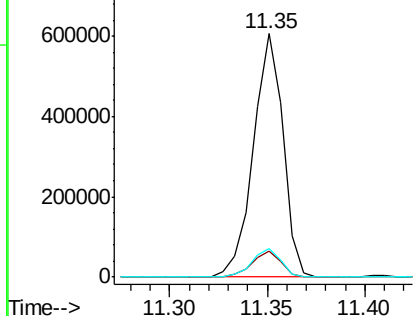
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.4	12.6
80	12.0	9.0	13.4

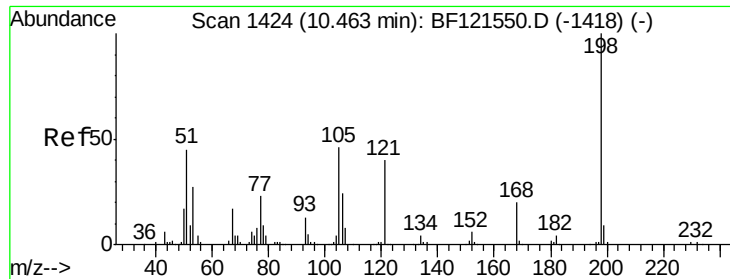
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





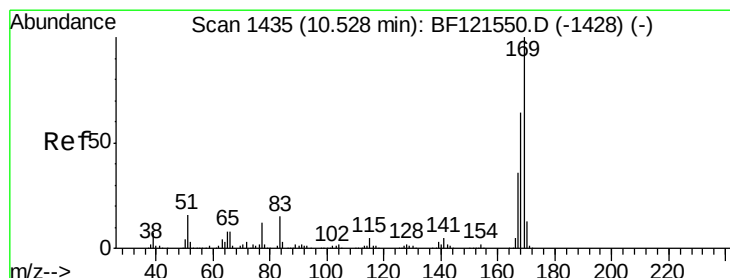
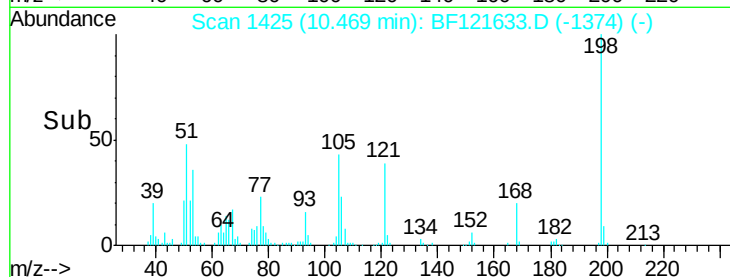
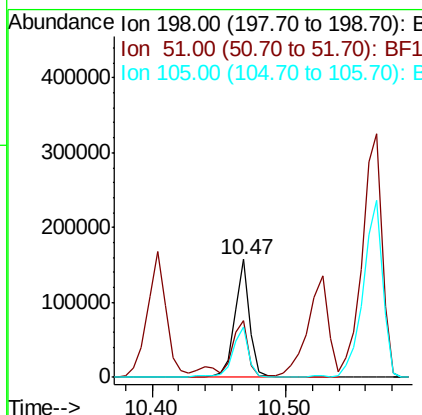
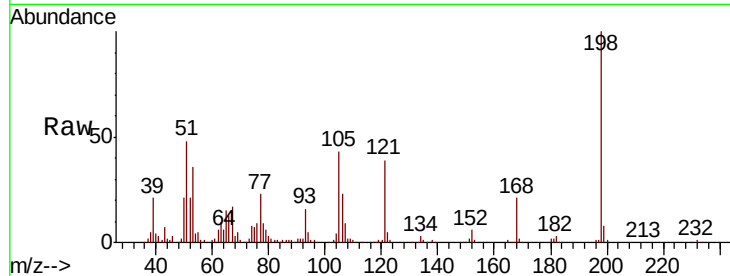
#65
4,6-Dinitro-2-methylphenol
Concen: 33.932 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.2	20.3	60.3
105	42.9	20.2	60.2

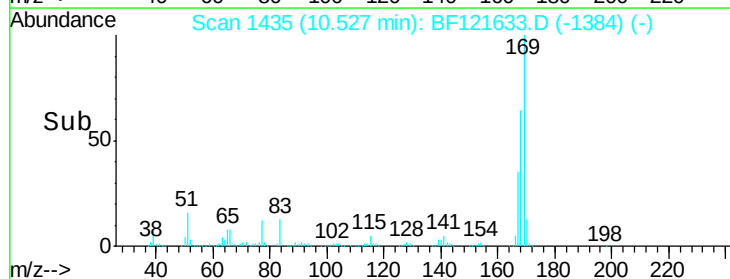
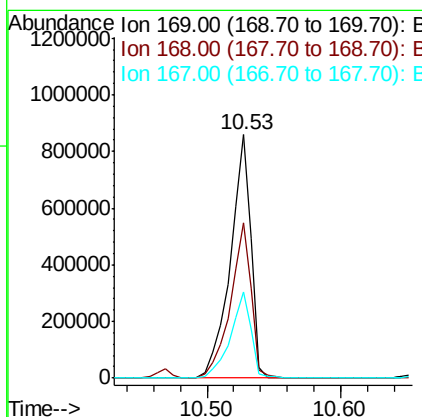
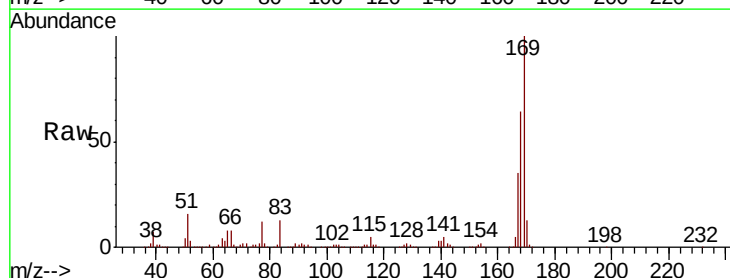
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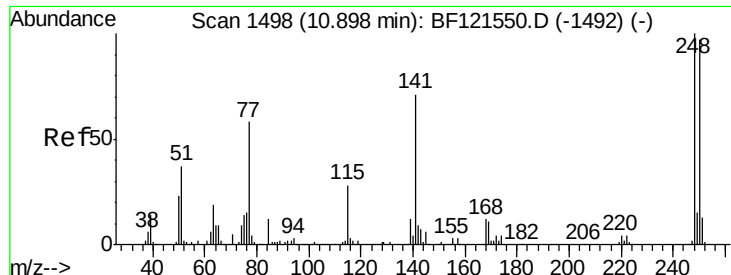
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#66
n-Nitrosodiphenylamine
Concen: 42.455 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.7	51.8	77.8
167	35.5	28.4	42.6





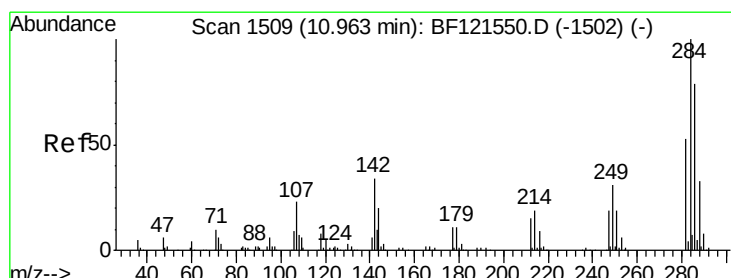
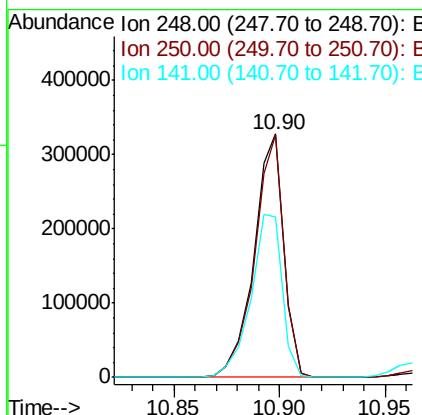
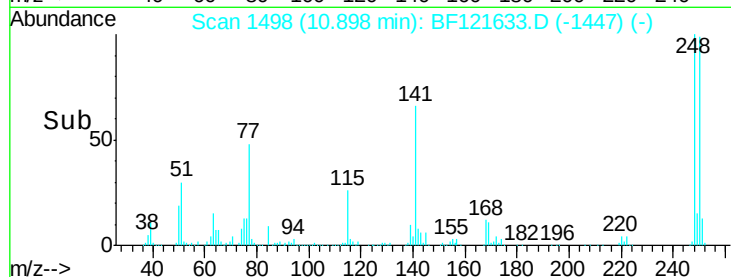
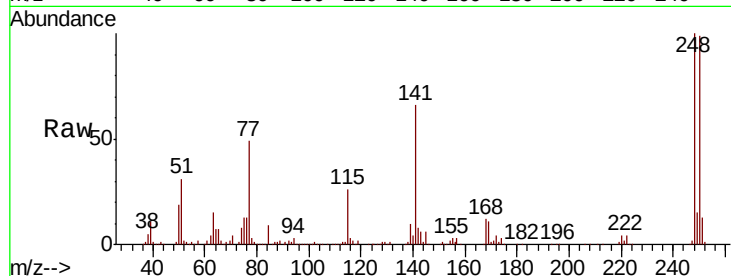
#67
 4-Bromophenyl-phenylether
 Concen: 44.051 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

Tot Ion:	248	Resp:	321170
Ion Ratio	Lower	Upper	
248	100		
250	99.4	79.4	119.0
141	66.1	52.2	78.4

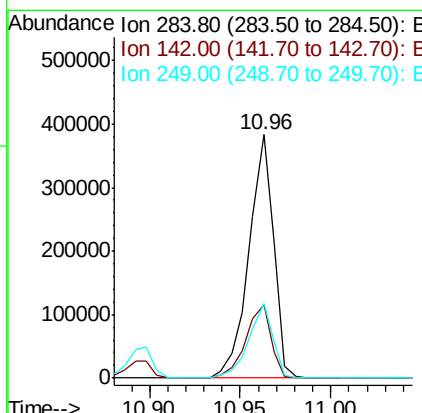
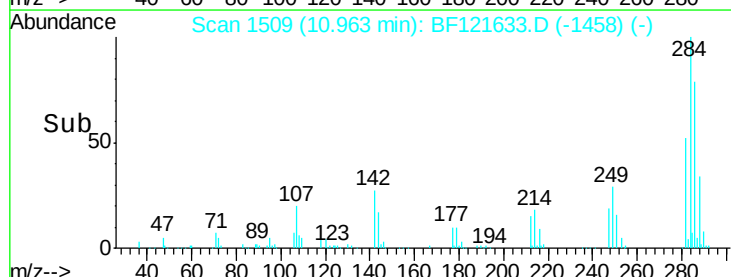
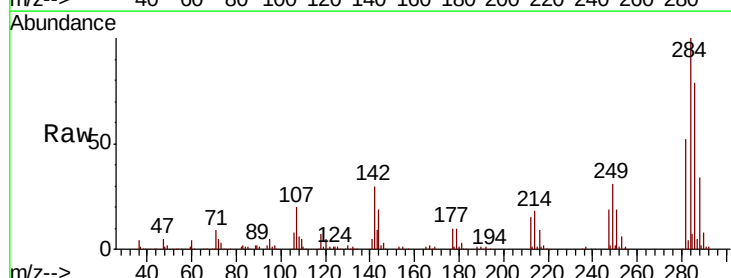
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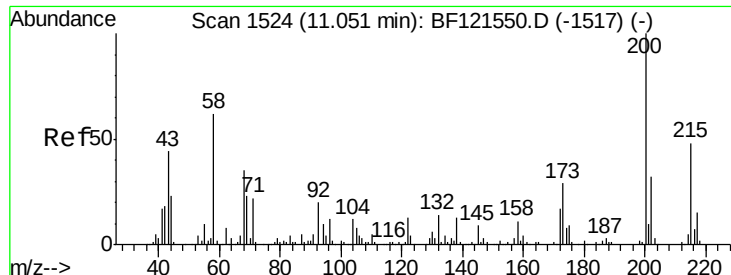
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#68
 Hexachlorobenzene
 Concen: 44.065 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion:	284	Resp:	362564
Ion Ratio	Lower	Upper	
284	100		
142	30.3	24.0	36.0
249	30.6	23.9	35.9





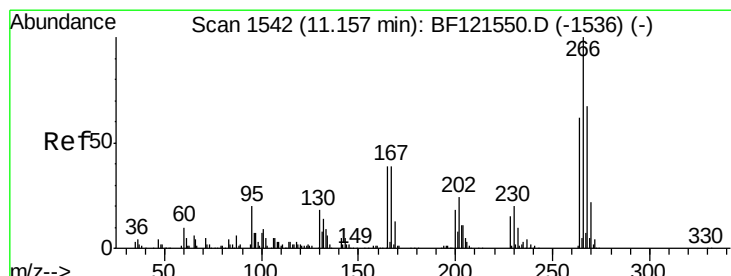
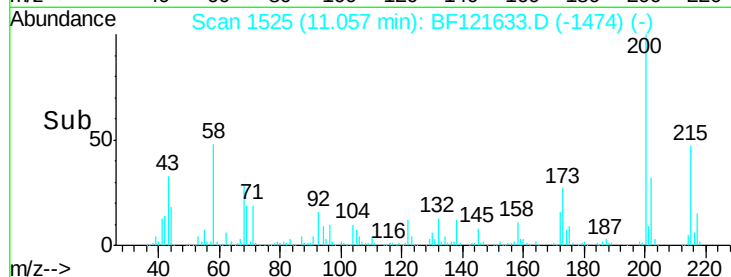
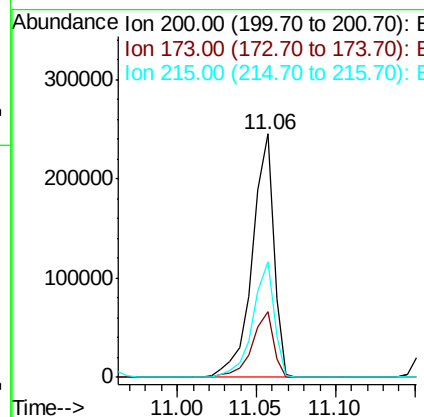
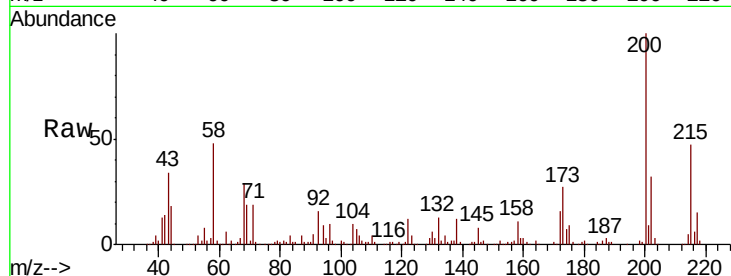
#69
 Atrazine
 Concen: 42.344 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.8	6.0	46.0
215	47.4	28.4	68.4

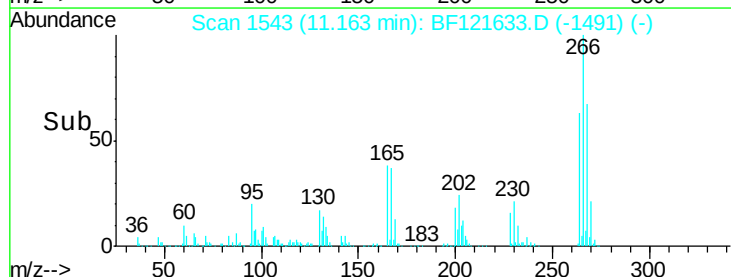
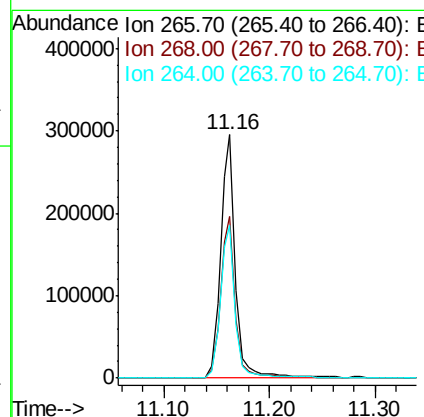
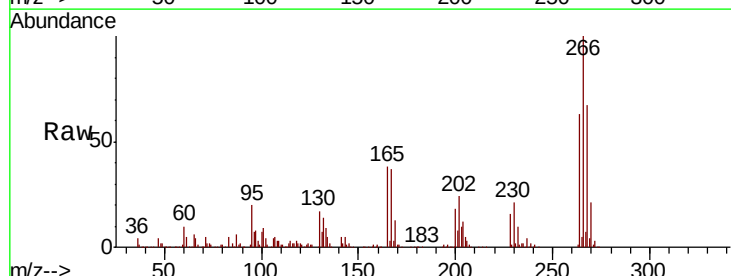
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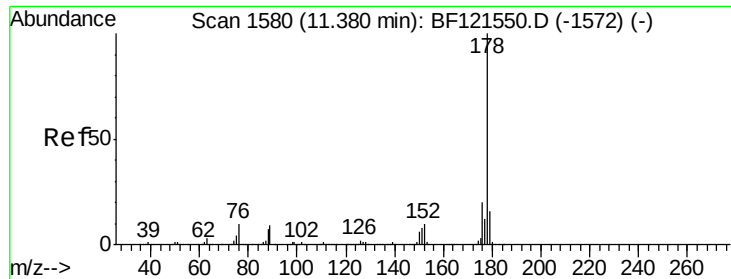
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#70
 Pentachlorophenol
 Concen: 65.265 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.6	54.6	81.8
264	62.8	51.1	76.7





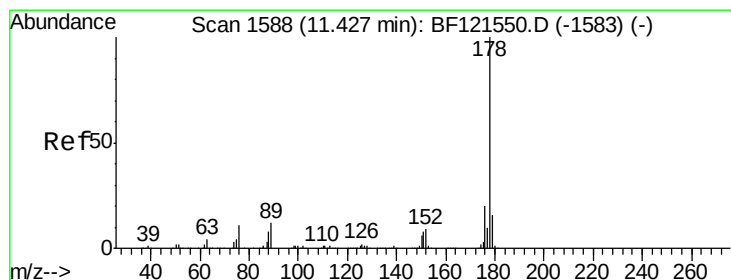
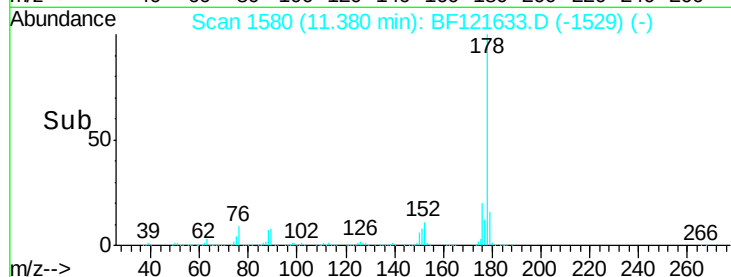
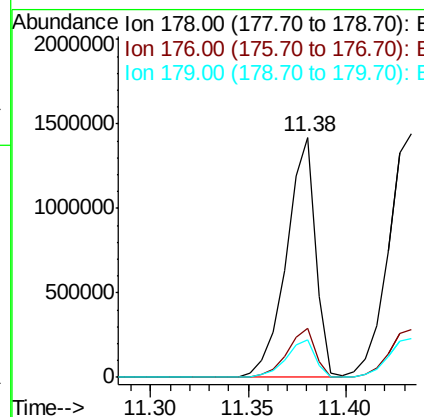
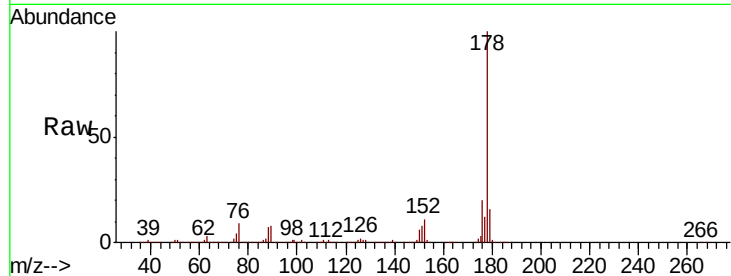
#71
Phenanthrene
Concen: 42.117 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion:178 Resp: 1469463
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.9 12.6 18.8

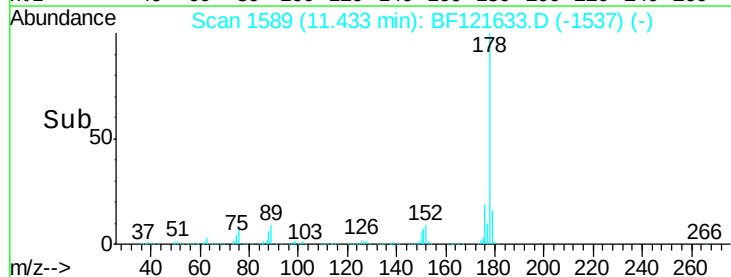
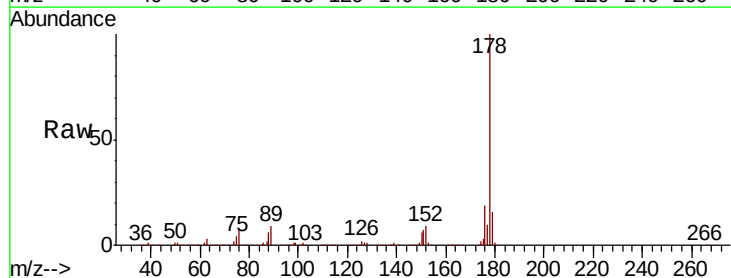
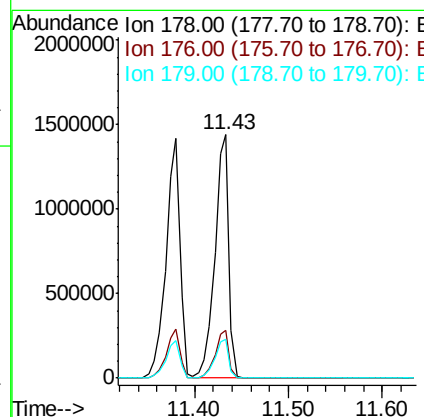
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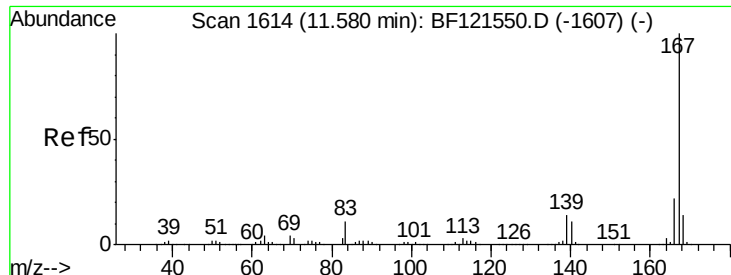
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#72
Anthracene
Concen: 41.965 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion:178 Resp: 1510946
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.8 12.6 19.0





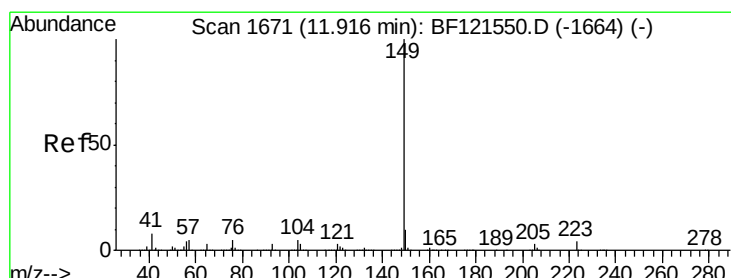
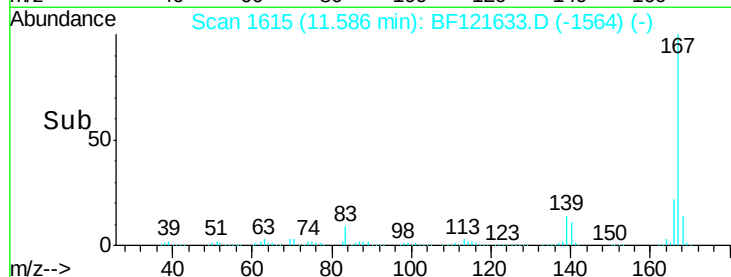
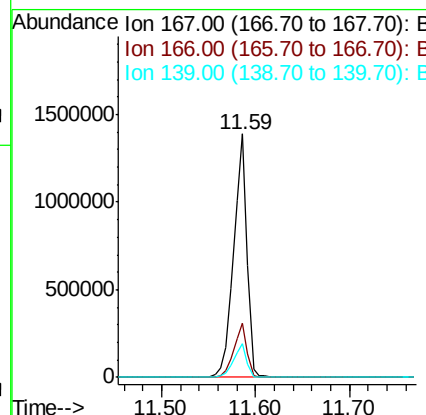
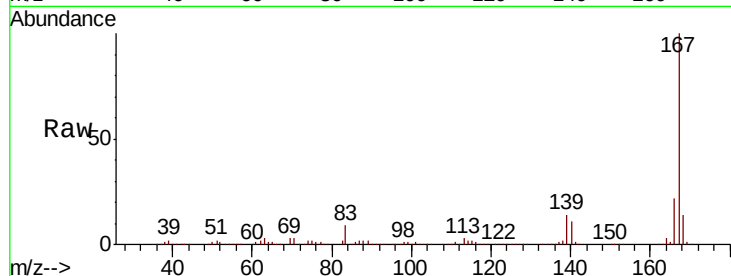
#73
 Carbazole
 Concen: 42.184 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

Tot Ion:167 Resp: 1370607
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.8 10.9 16.3

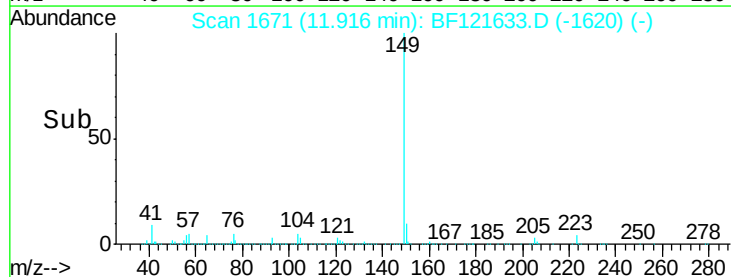
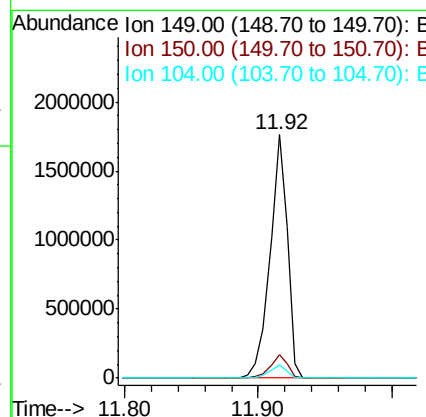
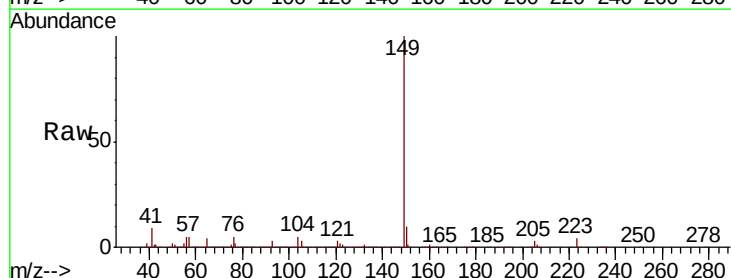
Manual Integrations
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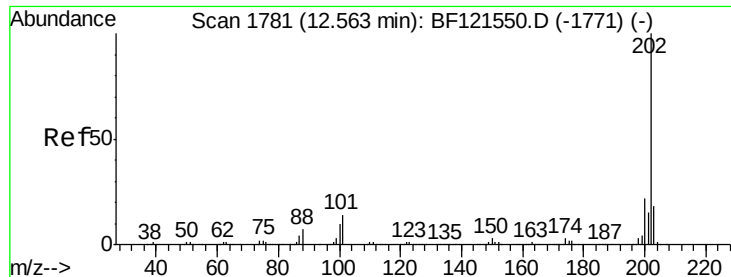
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#74
 Di-n-butylphthalate
 Concen: 42.217 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion:149 Resp: 1583126
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.4 4.2 6.2





#75

Fluoranthene

Concen: 42.108 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

Tot Ion:202 Resp: 1568290

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.9

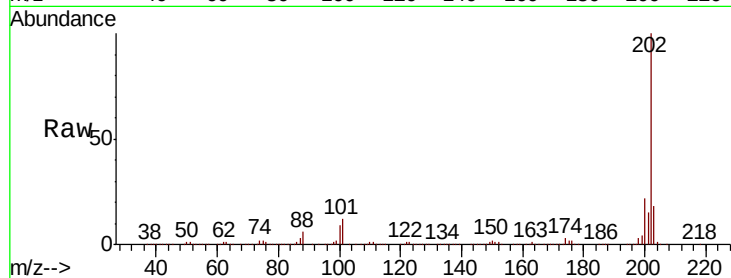
203 17.9 0.0 37.8

Manual Integrations

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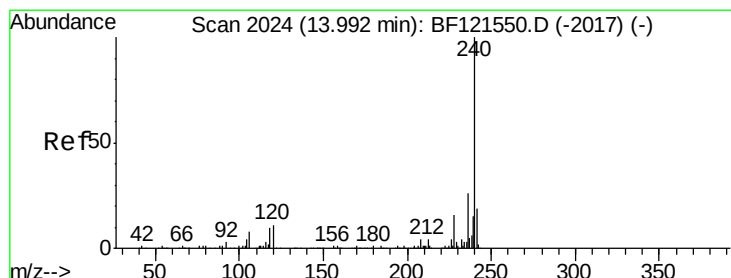
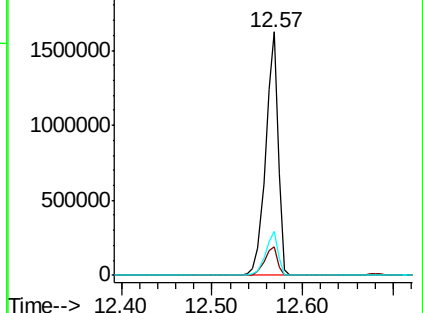
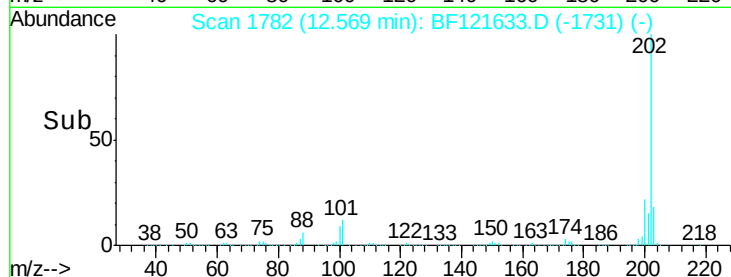
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

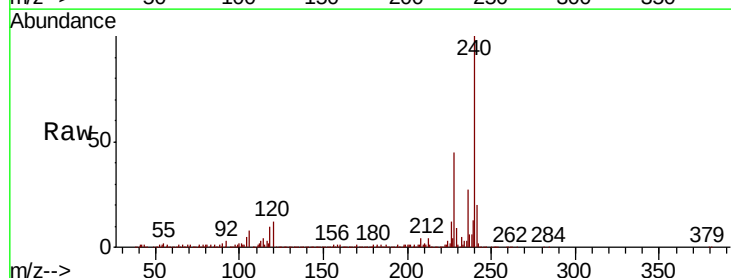
Tgt Ion:240 Resp: 454670

Ion Ratio Lower Upper

240 100

120 11.6 9.2 13.8

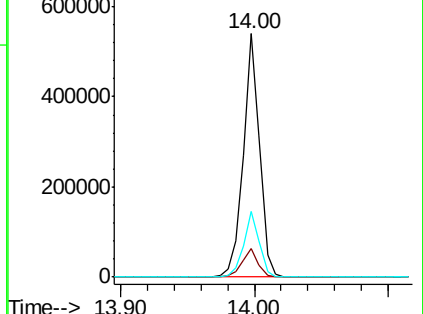
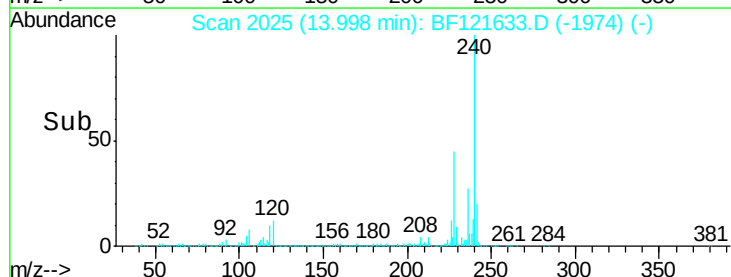
236 26.9 20.4 30.6

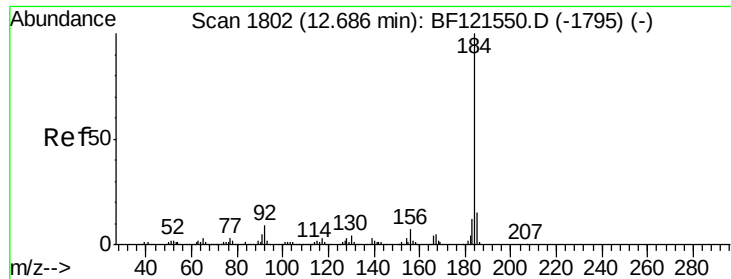


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.305 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

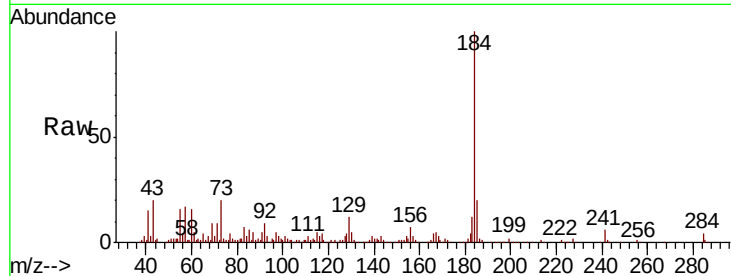
ClientSampleId :

PAV-B33-091720-10-19MSD

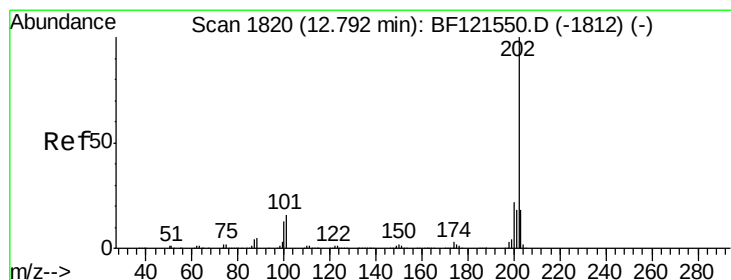
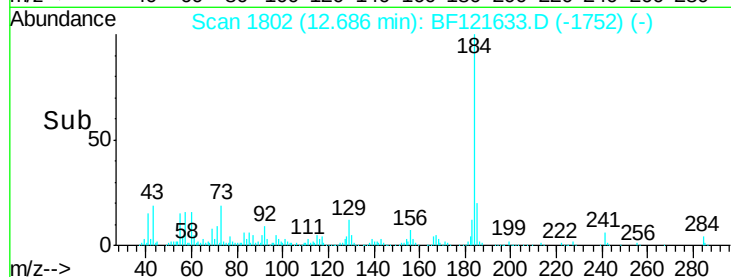
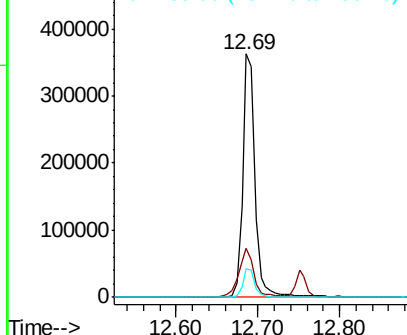
Tot Ion:	184	Resp:	381429
Ion Ratio		Lower	Upper
184	100		
185	20.1	11.5	17.3#
183	11.9	9.6	14.4

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



#78

Pyrene

Concen: 47.060 ng

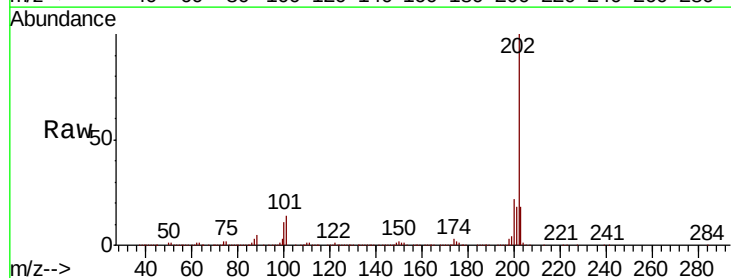
RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

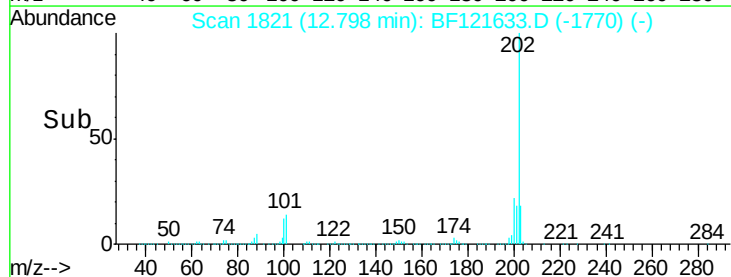
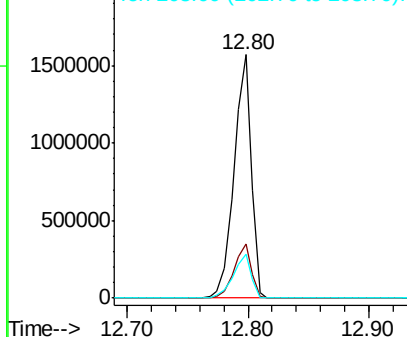
Lab File: BF121633.D

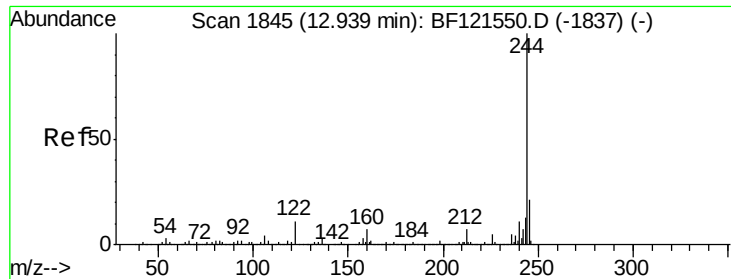
Acq: 21 Sep 2020 18:37

Tgt Ion:	202	Resp:	1563328
Ion Ratio		Lower	Upper
202	100		
200	22.3	17.8	26.6
203	18.2	14.4	21.6



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: 82.359 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MSD

Tot Ion:244 Resp: 1848364

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

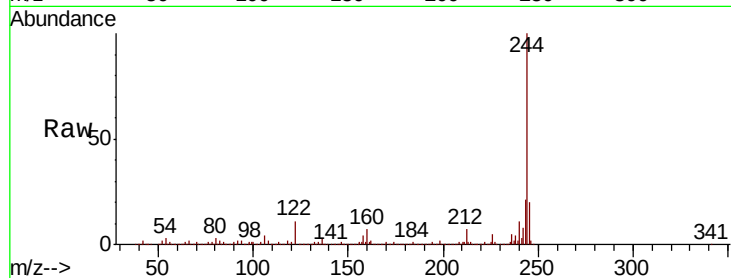
122 10.9 7.4 11.0

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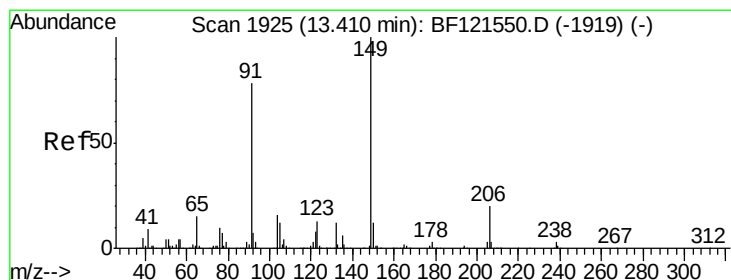
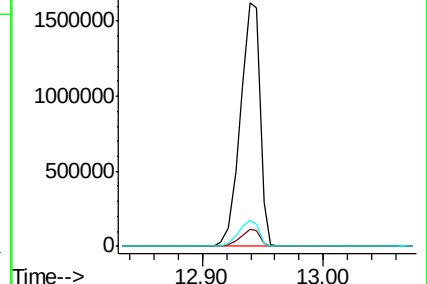
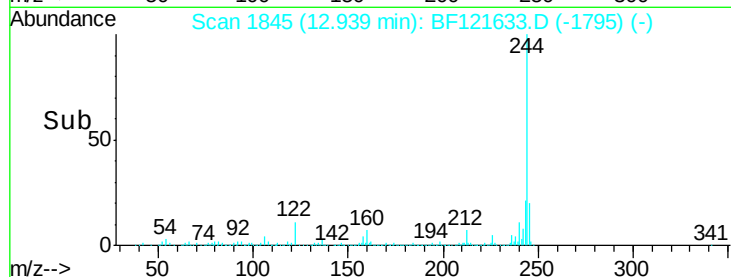
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.925 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

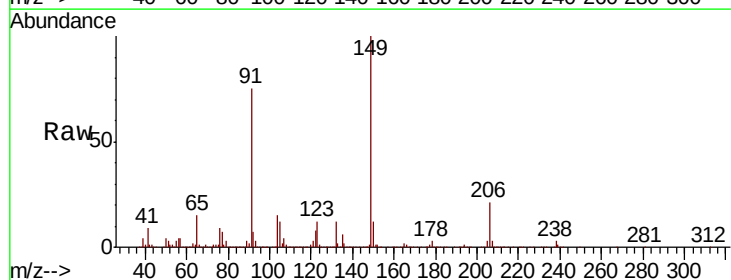
Tgt Ion:149 Resp: 657306

Ion Ratio Lower Upper

149 100

91 75.4 61.0 91.4

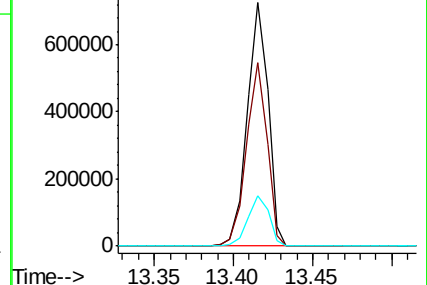
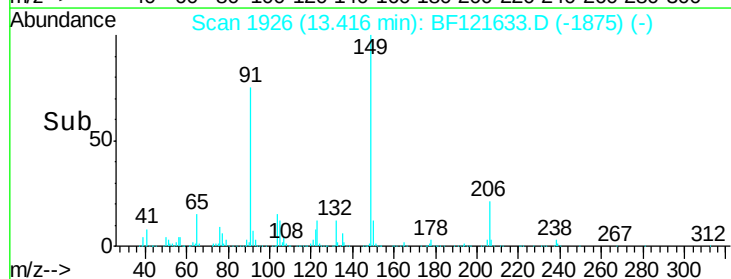
206 20.7 16.6 25.0

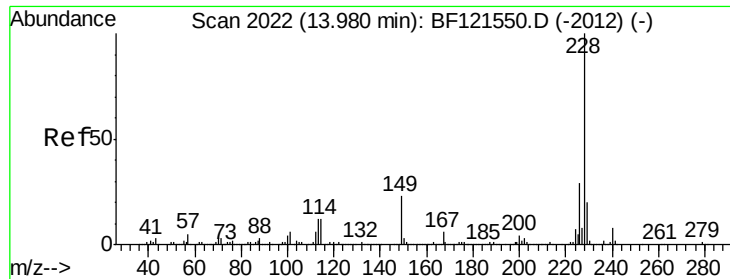


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





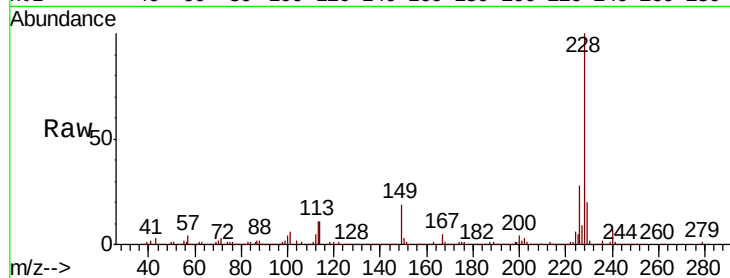
#81
Benzo(a)anthracene
Concen: 43.058 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.2	16.2	24.2

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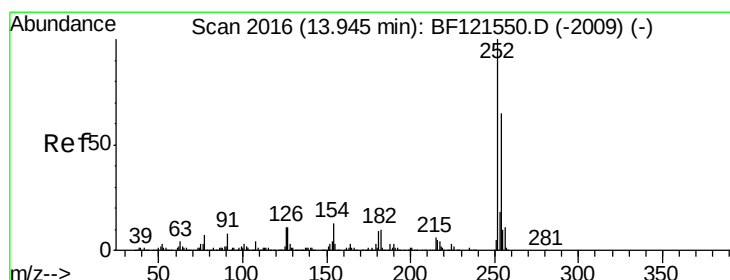
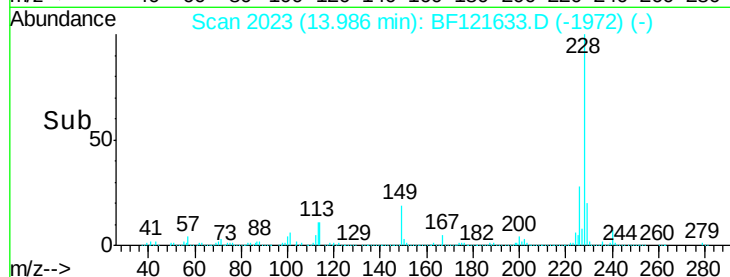
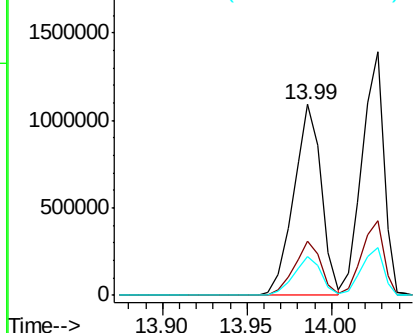


Abundance

Ion 228.00 (227.70 to 228.70): E

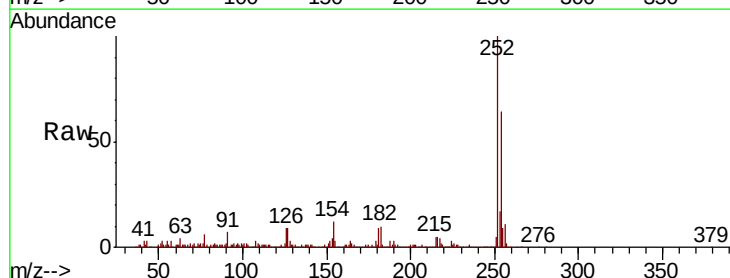
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 18.751 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.0	76.4
126	9.2	8.6	13.0

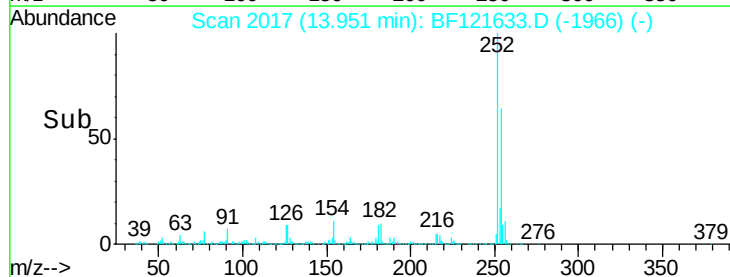
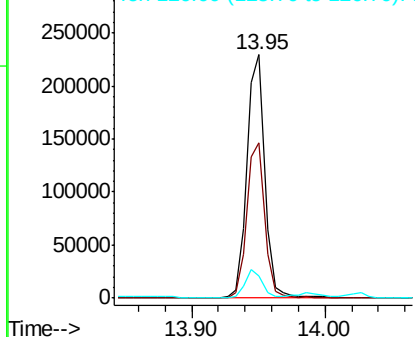


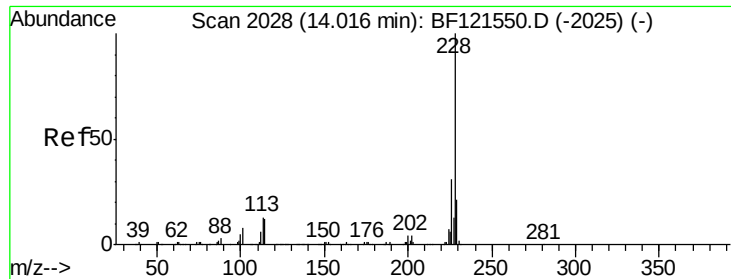
Abundance

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





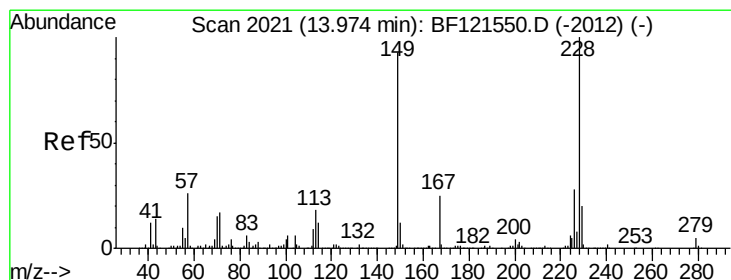
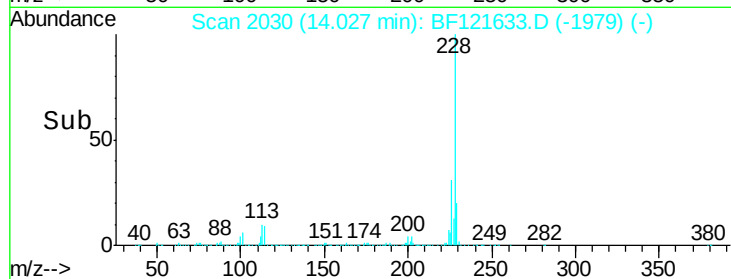
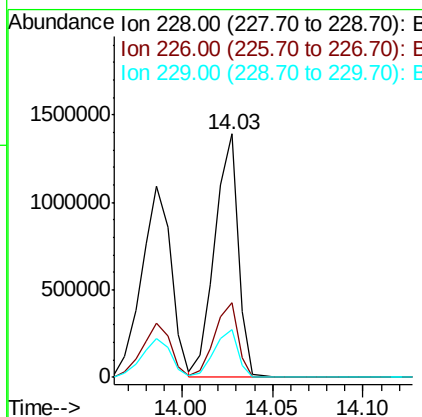
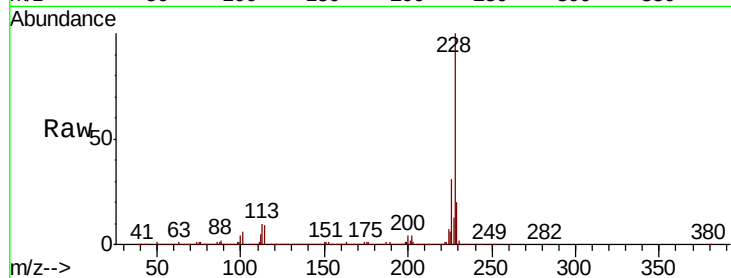
#83
Chrysene
Concen: 42.905 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.4
229	19.9	16.0	24.0

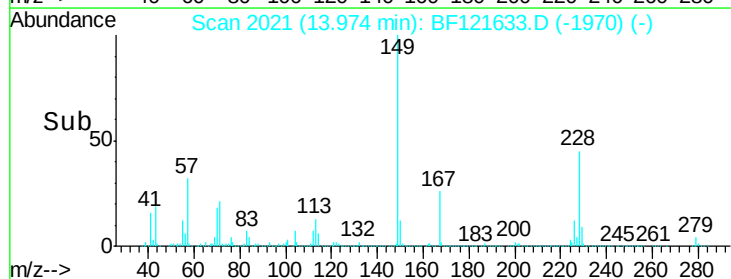
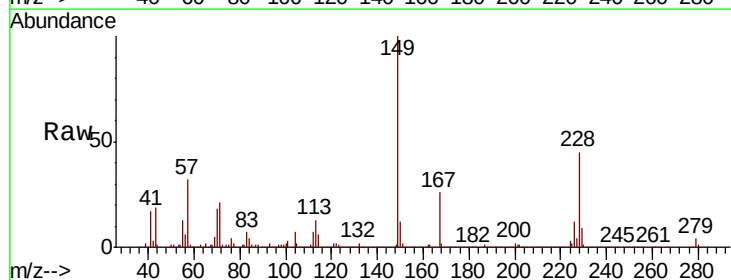
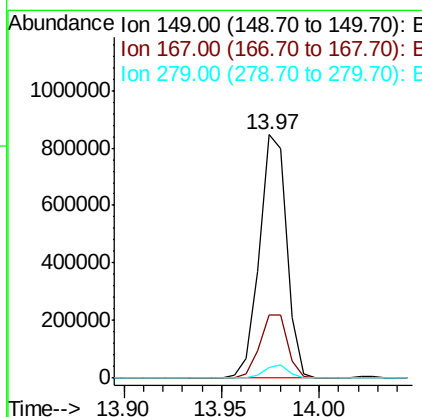
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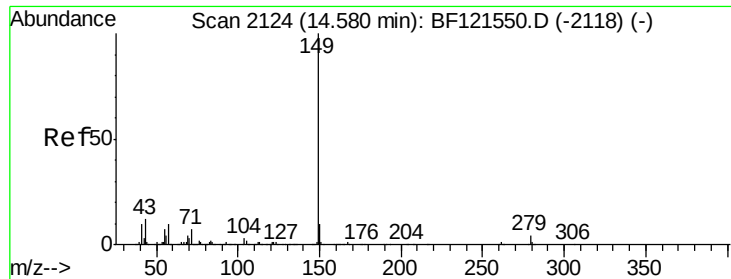
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.677 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	4.1	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 42.530 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BF121633.D

Acq: 21 Sep 2020 18:37

Instrument :

BNA_F

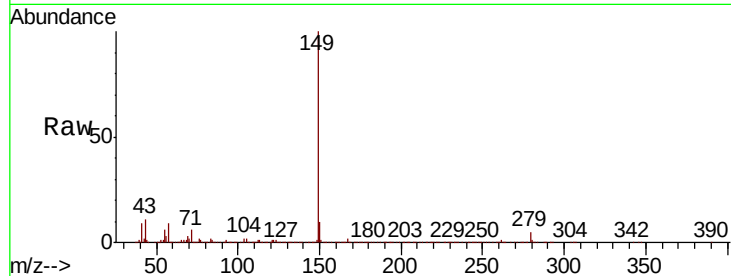
ClientSampleId :

PAV-B33-091720-10-19MSD

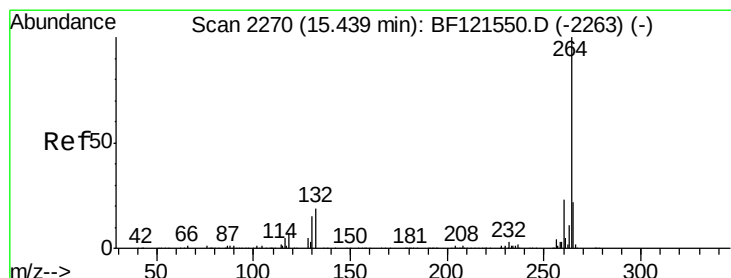
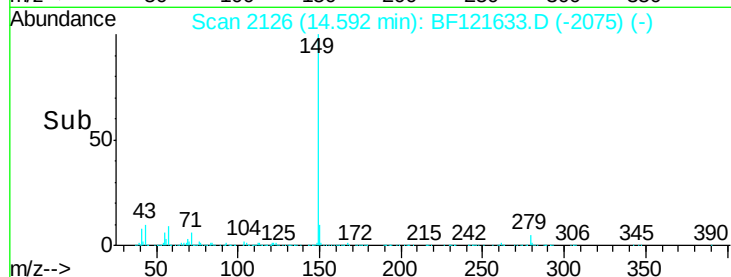
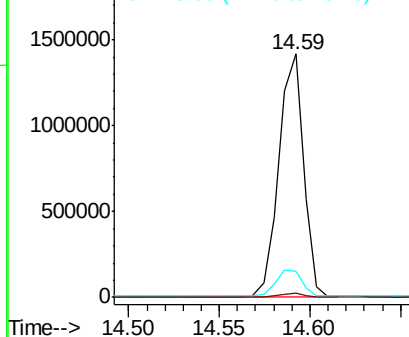
Tot Ion:	149	Resp:	1347144
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	9.0	13.4

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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

Perylene-d12

Concen: 20.000 ng

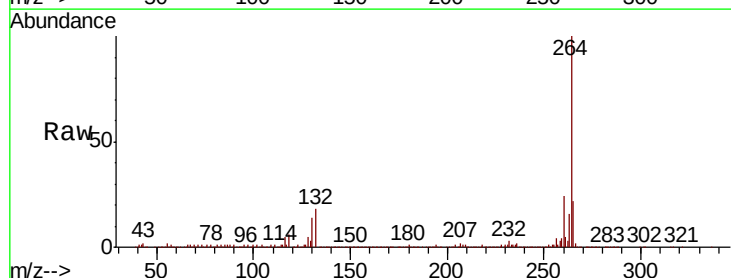
RT: 15.46 min Scan# 2273

Delta R.T. 0.00 min

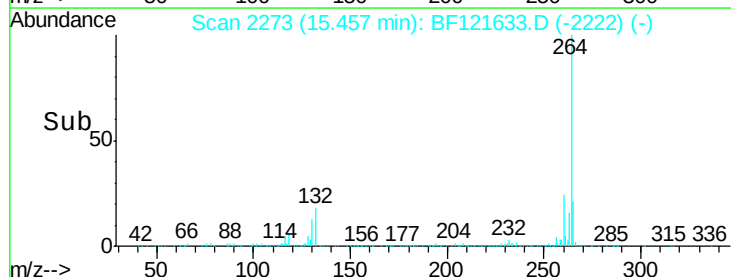
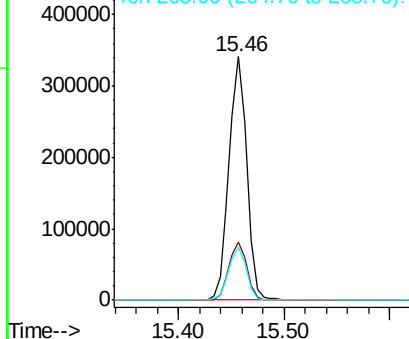
Lab File: BF121633.D

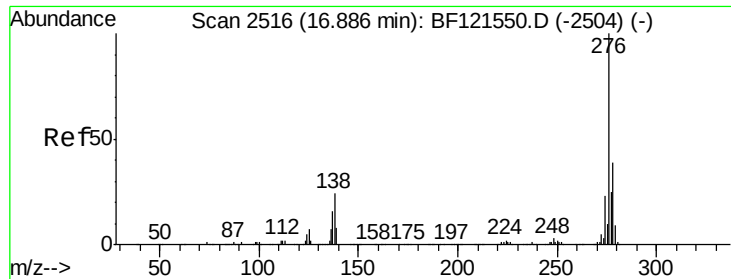
Acq: 21 Sep 2020 18:37

Tgt Ion:	264	Resp:	397446
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.6	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





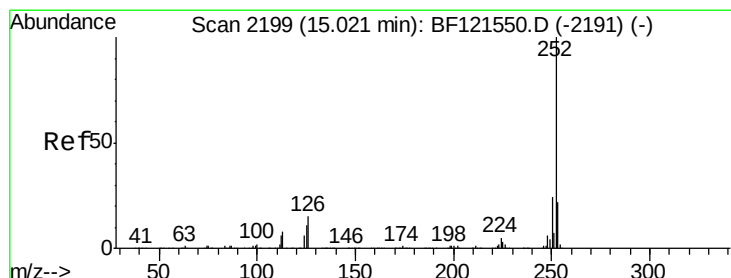
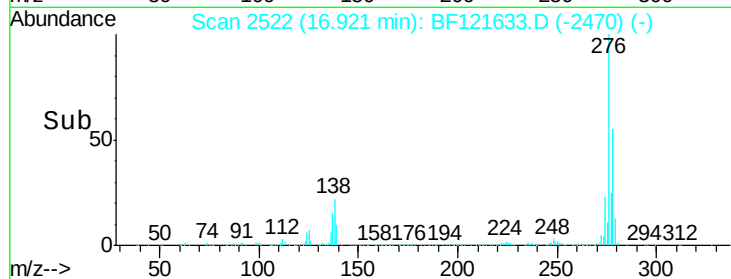
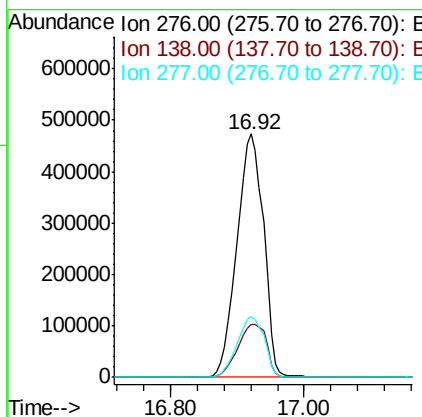
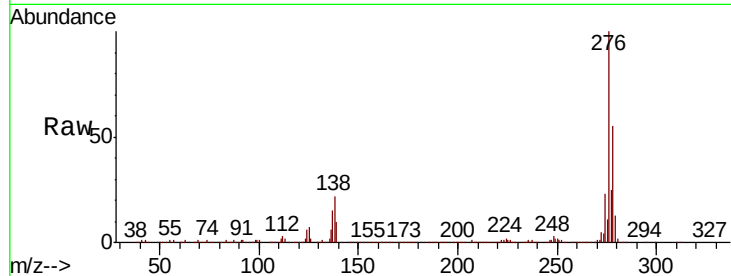
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.600 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.0	28.6
277	25.5	20.2	30.2

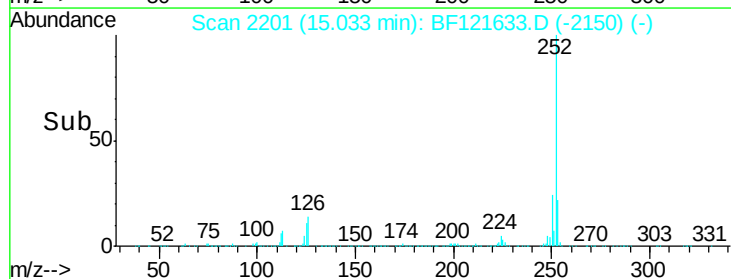
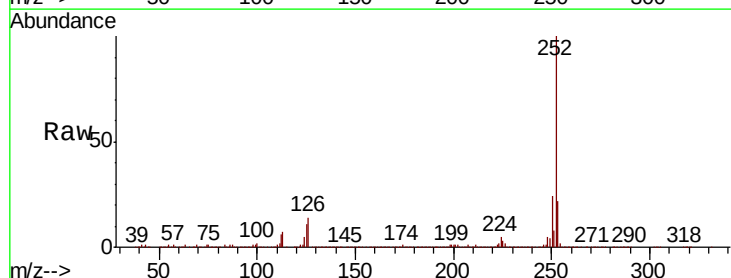
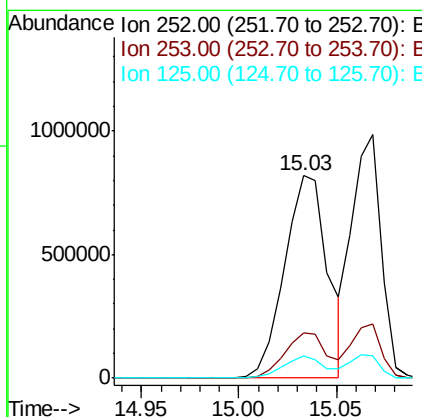
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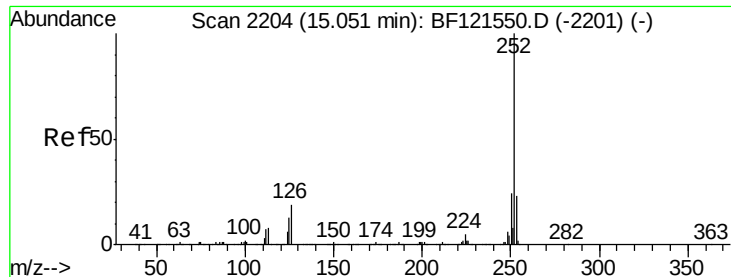
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#88
 Benzo(b)fluoranthene
 Concen: 47.248 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BF121633.D
 Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.8	8.5	12.7





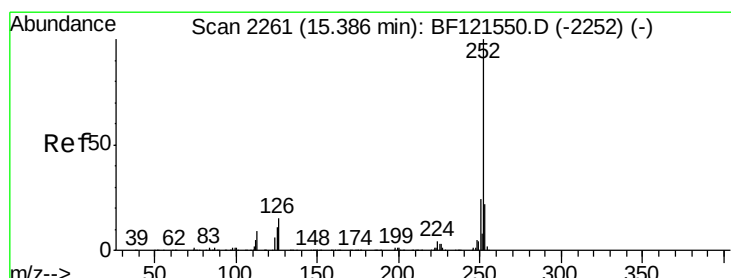
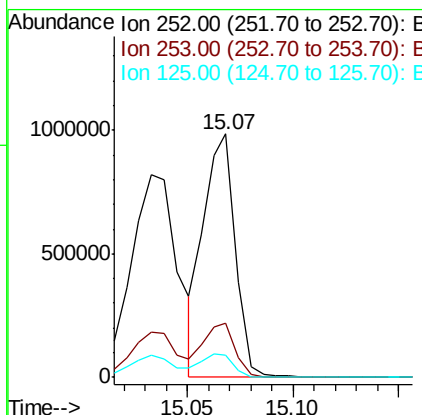
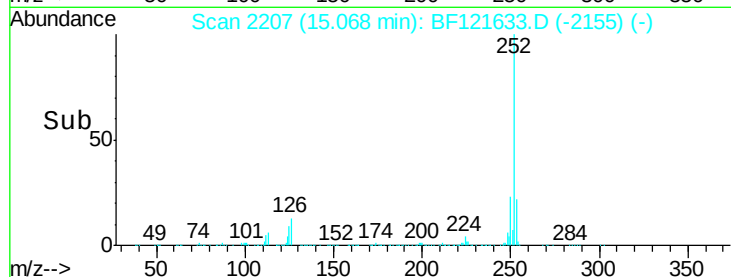
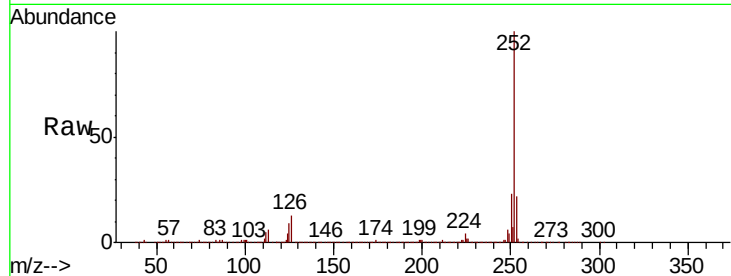
#89
Benzo(k)fluoranthene
Concen: 42.158 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.3	8.4	12.6

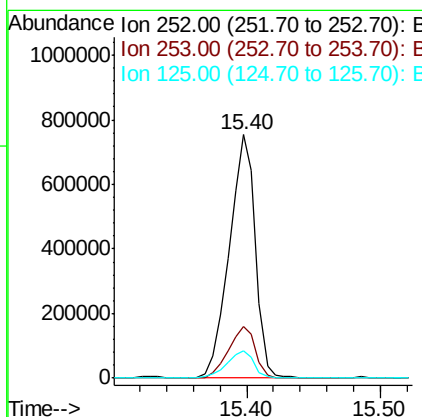
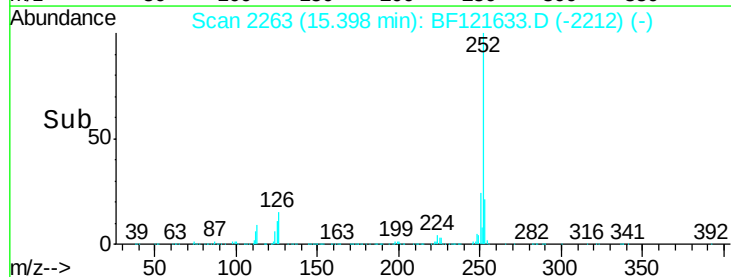
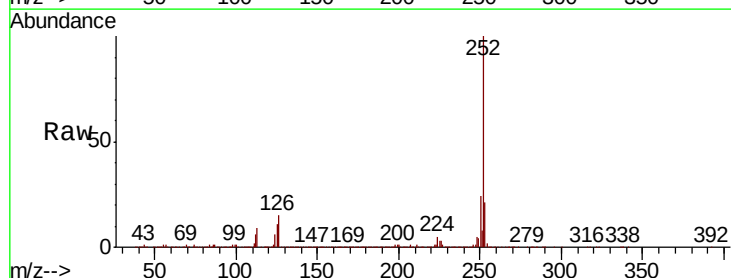
Manual Integrations
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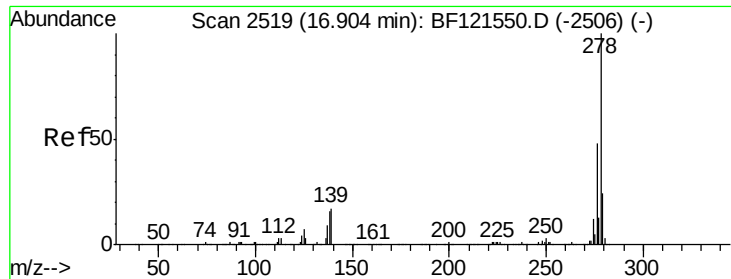
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#90
Benzo(a)pyrene
Concen: 45.548 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	11.3	9.1	13.7





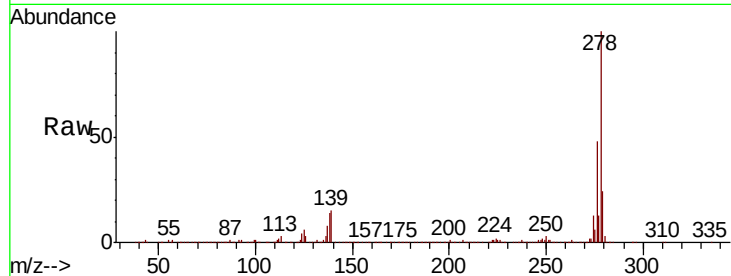
#91
Dibenzo(a,h)anthracene
Concen: 49.447 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MSD

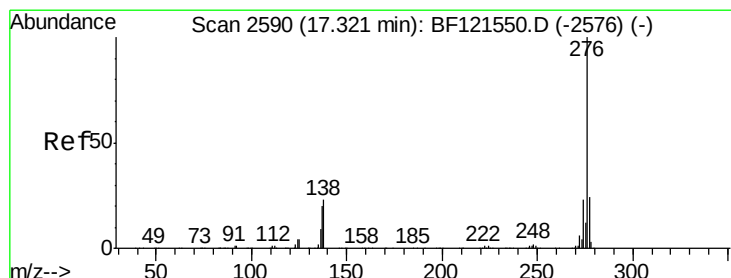
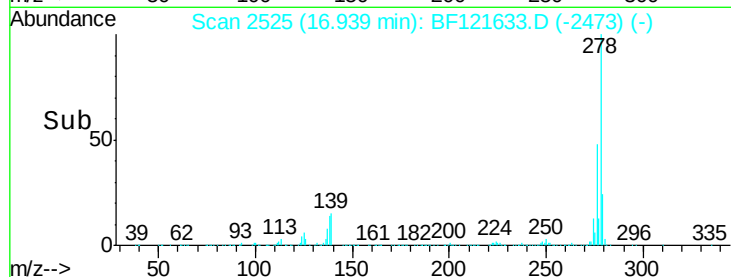
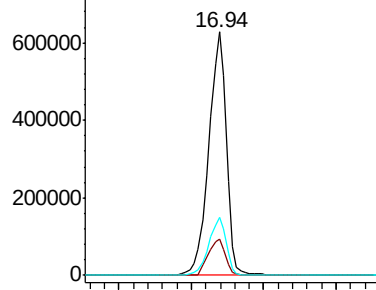
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.0	18.0
279	23.9	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/22/2020 10:08:56 AM

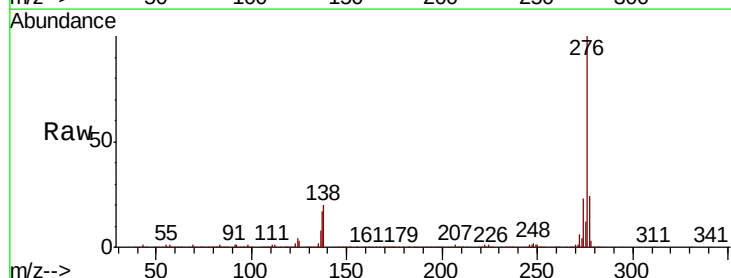


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.850 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.01 min
Lab File: BF121633.D
Acq: 21 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	20.3	16.9	25.3



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

