

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121632.D
 Acq On : 21 Sep 2020 18:06
 Operator : JU/CG
 Sample : L4059-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 9/22/2020 10:08:53 AM

Quant Time: Sep 21 19:04:02 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	161056	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	633764	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	336317	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	643793	20.00	ng	0.00
76) Chrysene-d12	14.00	240	494996	20.00	ng	0.00
86) Perylene-d12	15.46	264	414274	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1101255	101.62	ng	0.01
7) Phenol-d6	6.46	99	1452289	102.15	ng	0.00
23) Nitrobenzene-d5	7.39	82	1007500	85.35	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	488541	116.88	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1742491	78.47	ng	0.00
79) Terphenyl-d14	12.94	244	1876878	76.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	182698	36.695	ng	99
3) Pyridine	3.35	79	547083	39.748	ng	98
4) n-Nitrosodimethylamine	3.30	42	273949	42.909	ng	97
6) Aniline	6.48	93	409218	22.099	ng	# 66
8) 2-Chlorophenol	6.60	128	507828	46.024	ng	96
9) Benzaldehyde	6.36	77	208281	22.409	ng	97
10) Phenol	6.47	94	612404	40.449	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	497575	43.604	ng	99
12) 1,3-Dichlorobenzene	6.76	146	523917	42.541	ng	97
13) 1,4-Dichlorobenzene	6.83	146	522841	42.280	ng	97
14) 1,2-Dichlorobenzene	6.99	146	509628	44.736	ng	99
15) Benzyl Alcohol	6.96	79	453968	46.976	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	756729	41.210	ng	100
17) 2-Methylphenol	7.08	107	417898	44.512	ng	98
18) Hexachloroethane	7.33	117	195456	44.143	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	349227	42.619	ng	98
20) 3+4-Methylphenols	7.23	107	488969	43.349	ng	94
22) Acetophenone	7.23	105	658664	40.962	ng	# 97
24) Nitrobenzene	7.40	77	545807	42.753	ng	98
25) Isophorone	7.65	82	988621	41.607	ng	99
26) 2-Nitrophenol	7.72	139	263189	44.016	ng	99
27) 2,4-Dimethylphenol	7.76	122	444600	41.918	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	624448	42.451	ng	99
29) 2,4-Dichlorophenol	7.96	162	420192	43.496	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	434017	42.659	ng	99
31) Naphthalene	8.13	128	1405395	42.008	ng	99
32) Benzoic acid	7.85	122	16831	8.755	ng	96
33) 4-Chloroaniline	8.17	127	249525	17.206	ng	98
34) Hexachlorobutadiene	8.25	225	260842	43.678	ng	98
35) Caprolactam	8.57	113	138728m	43.123	ng	
36) 4-Chloro-3-methylphenol	8.67	107	470151	45.178	ng	96
37) 2-Methylnaphthalene	8.82	142	941880	42.960	ng	100
38) 1-Methylnaphthalene	8.92	142	874833	42.874	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	437614	41.656	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	425107	70.858	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	310751	43.397	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	322637	42.621	nq	93
46) 1,1'-Biphenyl	9.29	154	1115033	41.413	nq	100
47) 2-Chloronaphthalene	9.31	162	873613	41.175	nq	99
48) 2-Nitroaniline	9.41	65	308132	46.735	nq	100
49) Acenaphthylene	9.73	152	1374111	42.151	nq	100
50) Dimethylphthalate	9.59	163	1304906	53.533	nq	99
51) 2,6-Dinitrotoluene	9.65	165	242432	46.700	nq	98
52) Acenaphthene	9.90	154	814021	39.534	nq	99
53) 3-Nitroaniline	9.82	138	174873	29.079	nq	92
54) 2,4-Dinitrophenol	9.93	184	71599	30.256	nq	98
55) Dibenzofuran	10.07	168	1218773	42.032	nq	99
56) 4-Nitrophenol	10.00	139	392113	81.760	nq	91
57) 2,4-Dinitrotoluene	10.06	165	321031	49.156	nq	92
58) Fluorene	10.42	166	949123	42.803	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	267284	43.431	nq	99
60) Diethylphthalate	10.29	149	1053317	44.321	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	458379	43.153	nq	100
62) 4-Nitroaniline	10.44	138	259273	43.422	nq	99
63) Azobenzene	10.57	77	1055057	41.688	nq	100
65) 4,6-Dinitro-2-methylphenol	10.47	198	110980	30.934	nq	92
66) n-Nitrosodiphenylamine	10.53	169	921770	41.733	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	313426	42.760	nq	99
68) Hexachlorobenzene	10.96	284	358014	43.280	nq	97
69) Atrazine	11.06	200	230338	41.976	nq	99
70) Pentachlorophenol	11.16	266	290366	63.917	nq	99
71) Phenanthrene	11.38	178	1473780	42.016	nq	99
72) Anthracene	11.43	178	1512509	41.785	nq	100
73) Carbazole	11.59	167	1371433	41.985	nq	99
74) Di-n-butylphthalate	11.92	149	1573976	41.749	nq	100
75) Fluoranthene	12.57	202	1597337	42.659	nq	99
77) Benzidine	12.69	184	385738	23.506	nq	# 89
78) Pyrene	12.80	202	1611495	44.558	nq	100
80) Butylbenzylphthalate	13.42	149	683268	46.714	nq	100
81) Benzo(a)anthracene	13.99	228	1335775	42.655	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	198823	16.263	nq	99
83) Chrysene	14.03	228	1332106	42.007	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	854566	43.734	nq	# 99
85) Di-n-octyl phthalate	14.59	149	1468501	42.585	nq	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	1292960	47.925	nq	99
88) Benzo(b)fluoranthene	15.04	252	1330170	48.030	nq	98
89) Benzo(k)fluoranthene	15.07	252	1101819	43.445	nq	99
90) Benzo(a)pyrene	15.40	252	1071717	45.525	nq	100
91) Dibenzo(a,h)anthracene	16.94	278	1050117	46.759	nq	100
92) Benzo(g,h,i)perylene	17.36	276	1088688	49.316	nq	100

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



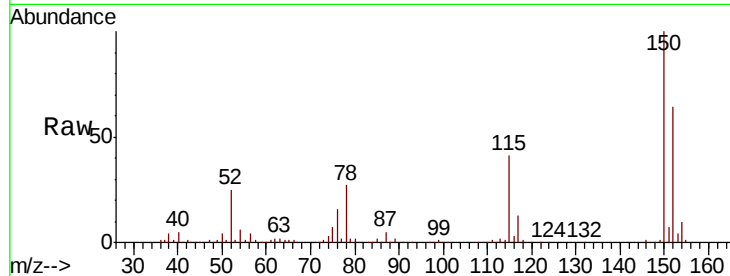
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	128.1	192.1
115	64.0	52.6	79.0

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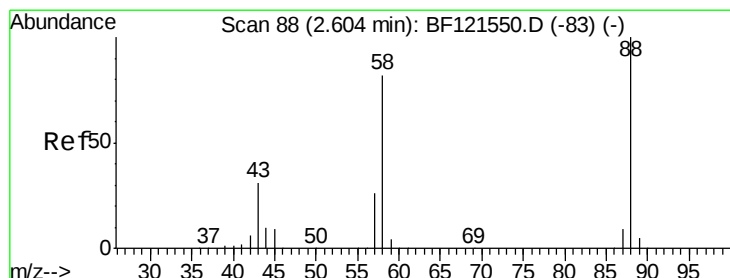
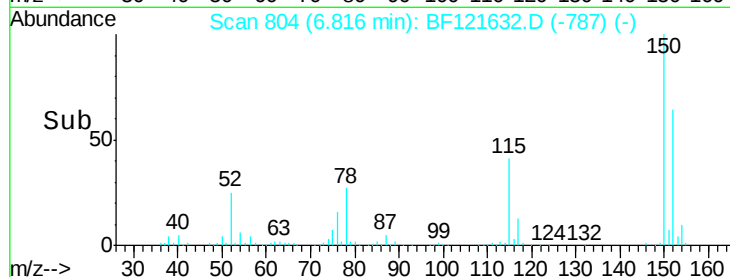
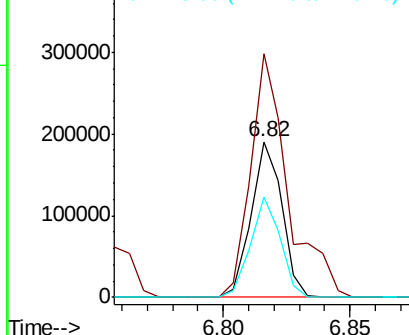


Abundance

Ion 152.00 (151.70 to 152.70): E

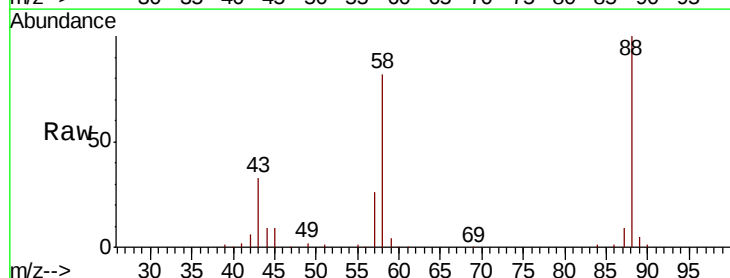
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 36.695 ng
 RT: 2.61 min Scan# 89
 Delta R.T. 0.06 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	65.4	98.0
43	31.6	24.9	37.3

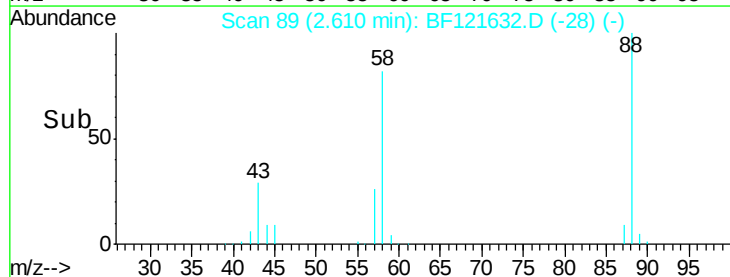
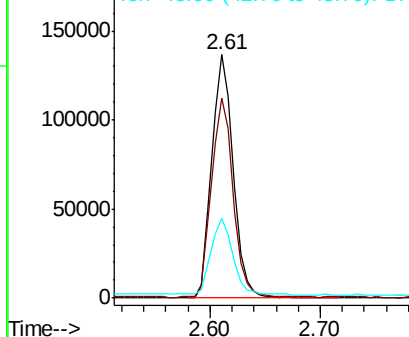


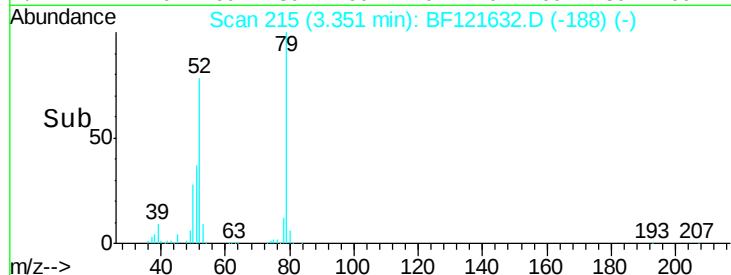
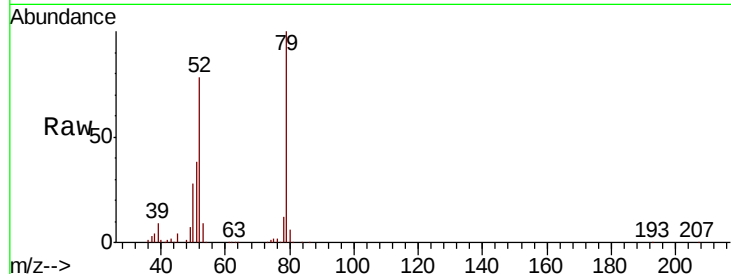
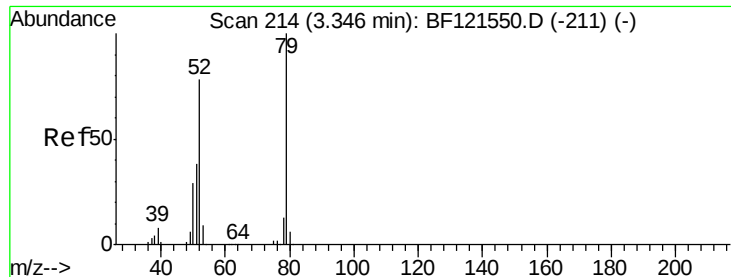
Abundance

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





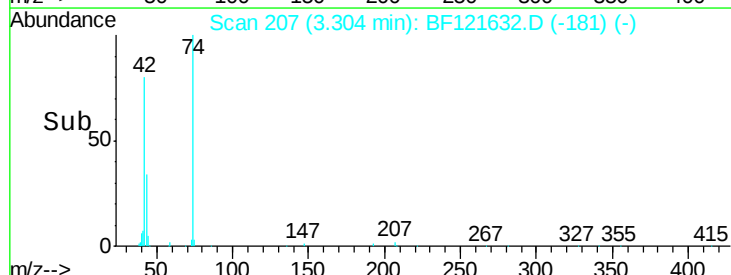
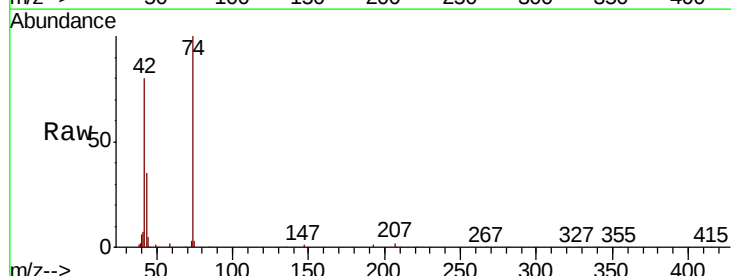
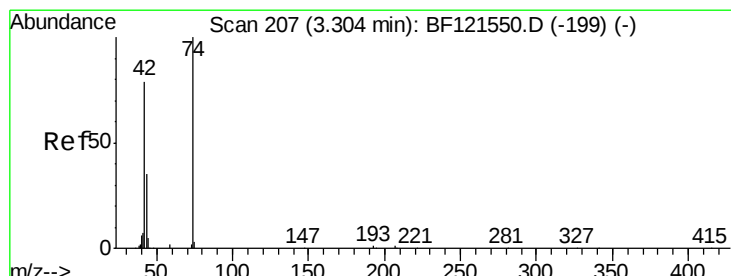
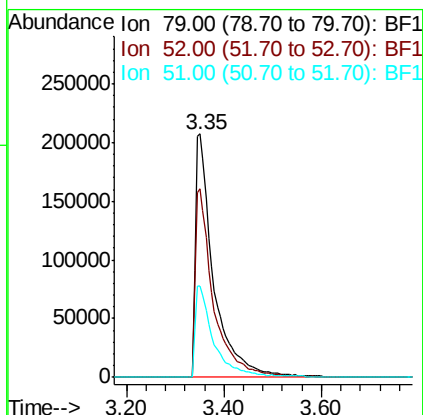
#3
Pvridine
Concen: 39.748 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.06 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		547083		
52	77.6	63.4	95.0		
51	37.7	30.7	46.1		

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

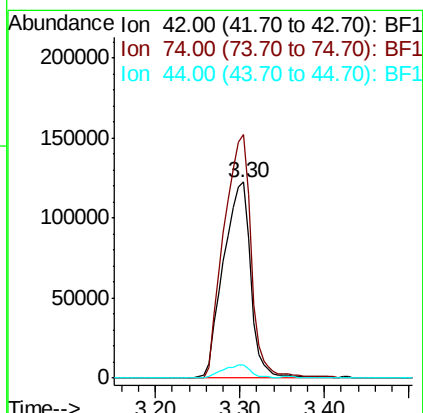
Manual Integrations
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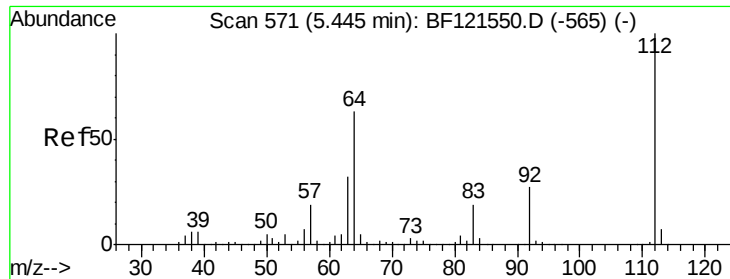
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#4
n-Nitrosodimethylamine
Concen: 42.909 ng
RT: 3.30 min Scan# 207
Delta R.T. 0.05 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		273949		
74	124.4	102.6	154.0		
44	6.6	6.0	9.0		





#5

2-Fluorophenol

Concen: 101.617 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

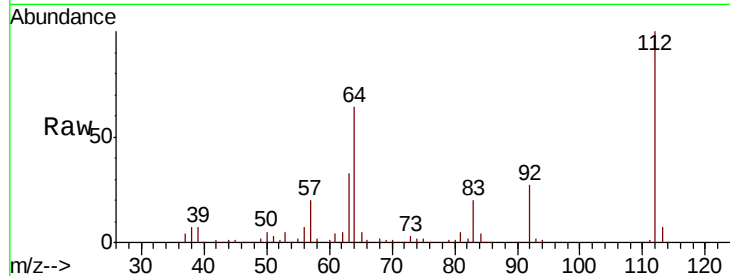
ClientSampleId :

PAV-B33-091720-10-19MS

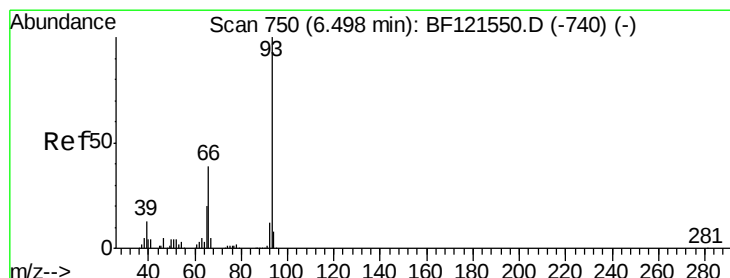
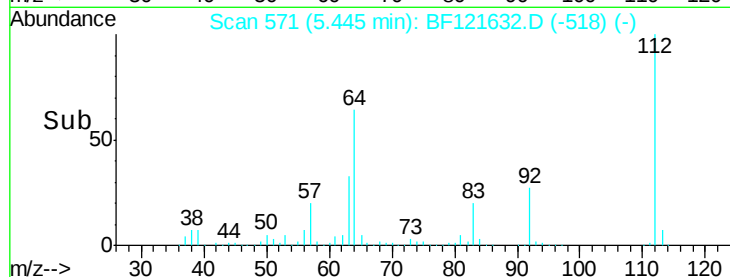
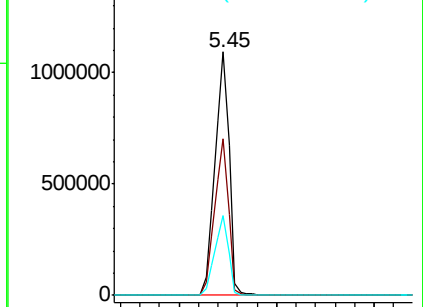
Tot Ion:	112	Resp:	1101255
Ion Ratio	Lower	Upper	
112	100		
64	64.2	52.2	78.2
63	32.9	26.6	39.8

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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: 22.099 ng

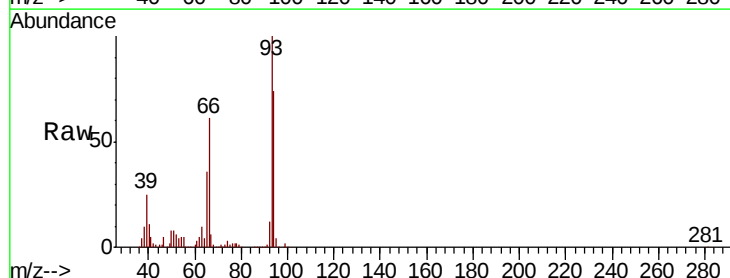
RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

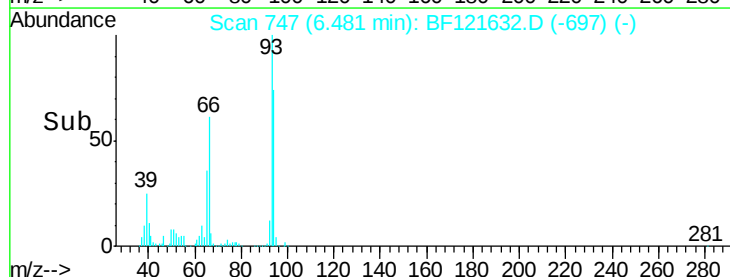
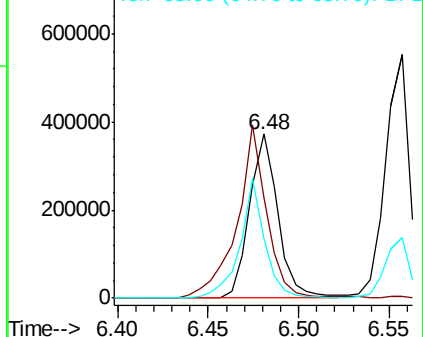
Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Tgt Ion:	93	Resp:	409218
Ion Ratio	Lower	Upper	
93	100		
66	60.9	31.9	47.9#
65	36.0	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: 102.145 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

Tot Ion: 99 Resp: 1452289

Ion Ratio Lower Upper

99 100

42 20.3 15.5 23.3

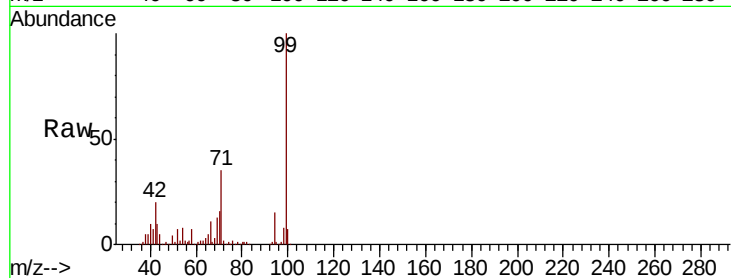
71 35.0 27.4 41.2

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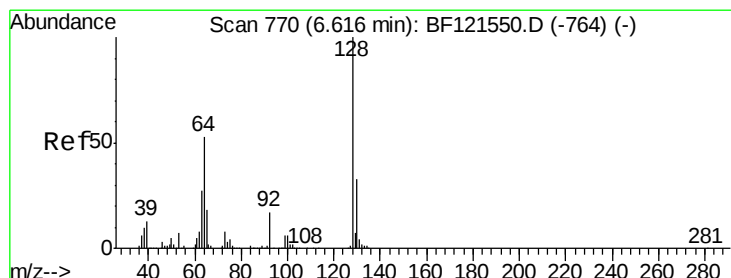
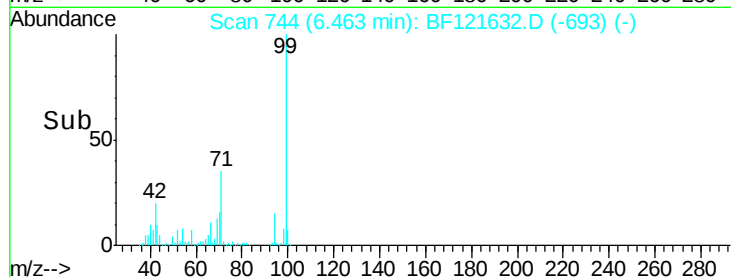
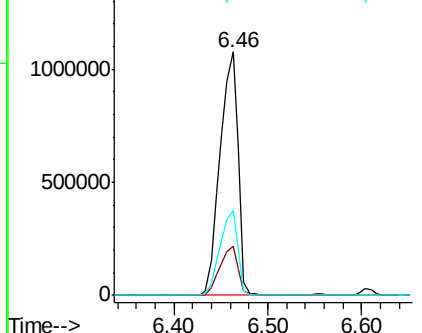
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.024 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

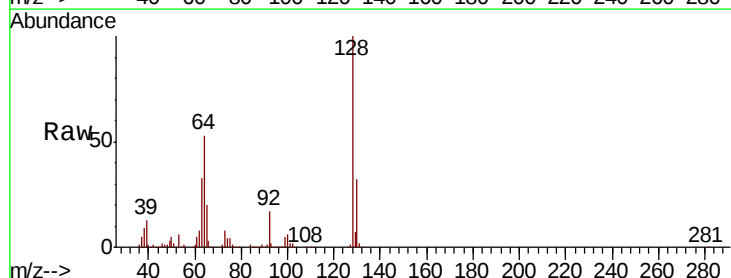
Tgt Ion: 128 Resp: 507828

Ion Ratio Lower Upper

128 100

130 32.4 13.5 53.5

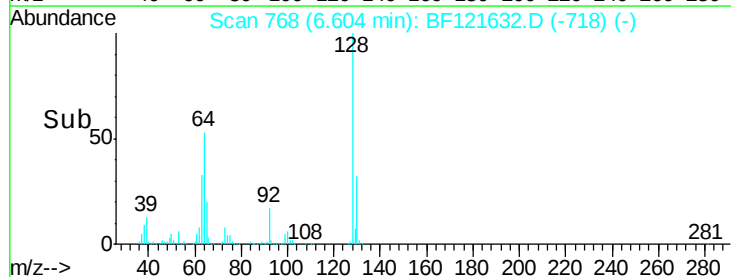
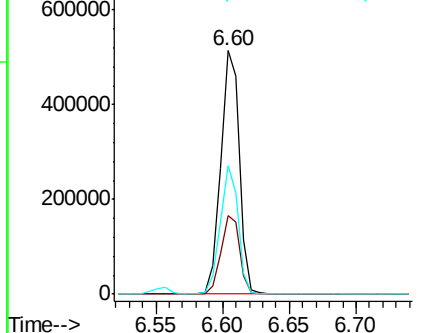
64 52.8 29.3 69.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.409 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

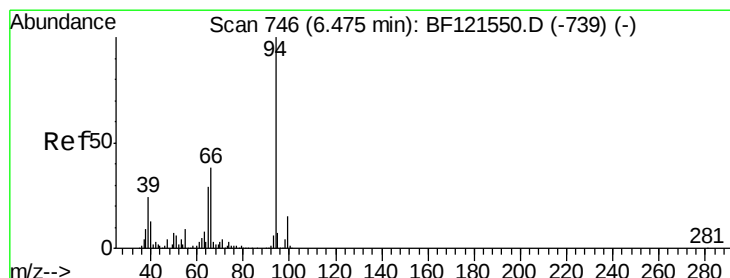
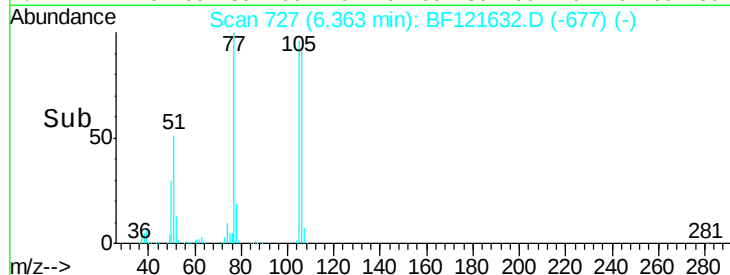
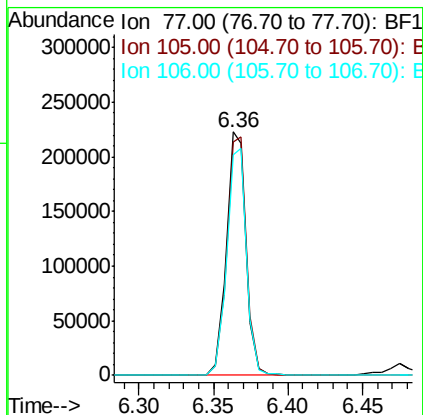
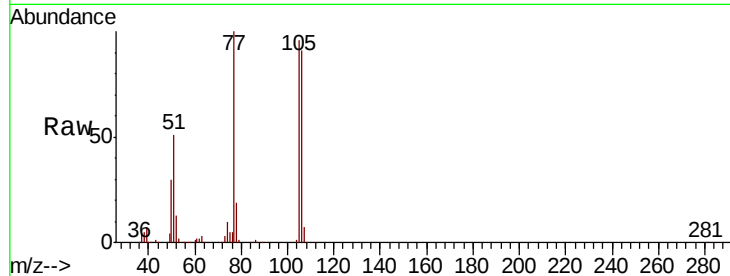
ClientSampleId :

PAV-B33-091720-10-19MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	95.8	79.2	119.2	
106	90.7	72.9	112.9	

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#10

Phenol

Concen: 40.449 ng

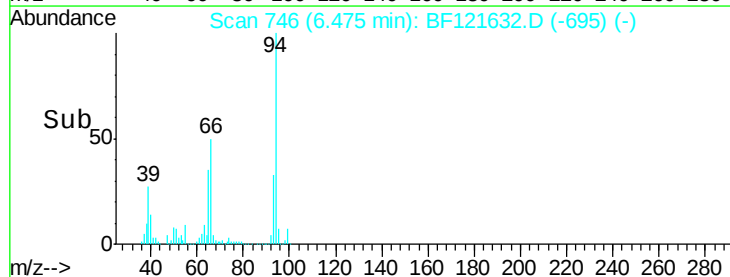
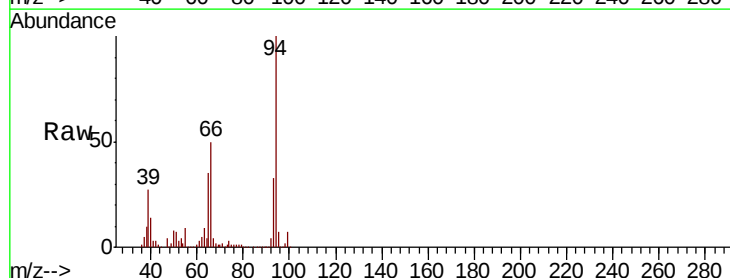
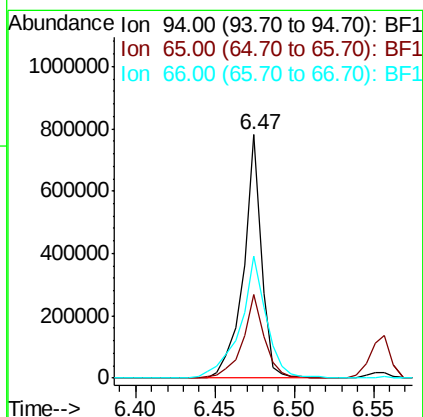
RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	34.6	17.8	57.8	
66	50.2	37.8	77.8	





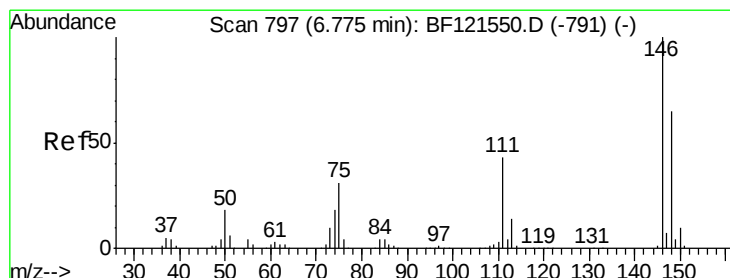
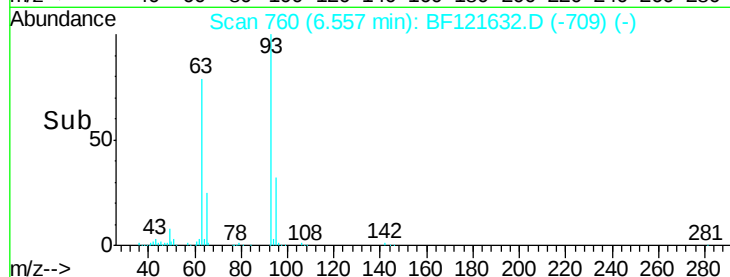
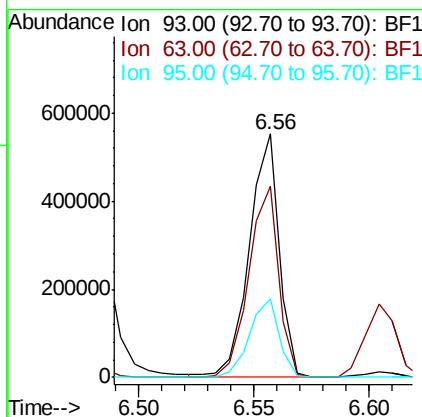
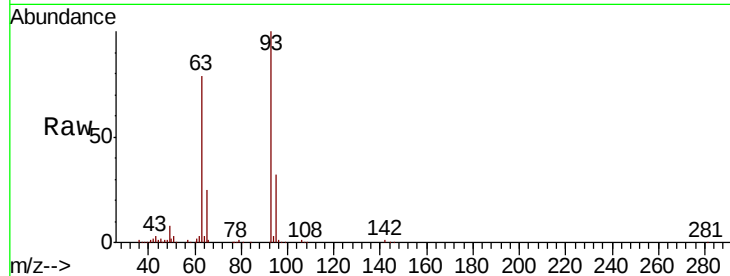
#11
bis(2-Chloroethyl)ether
Concen: 43.604 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion:	93	Resp:	497575
Ion Ratio	Lower	Upper	
93	100		
63	78.7	60.3	100.3
95	32.3	12.6	52.6

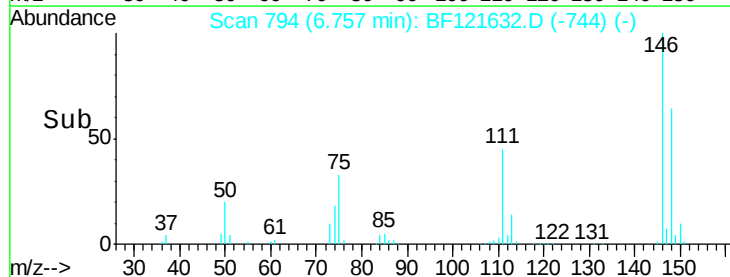
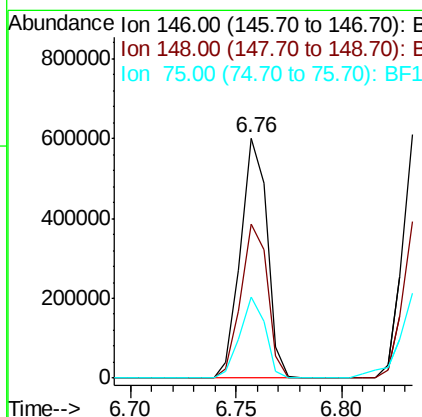
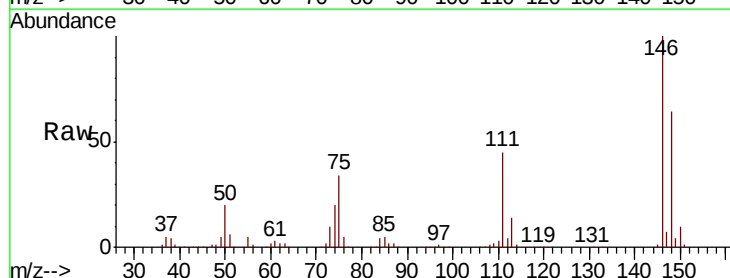
Manual Integrations
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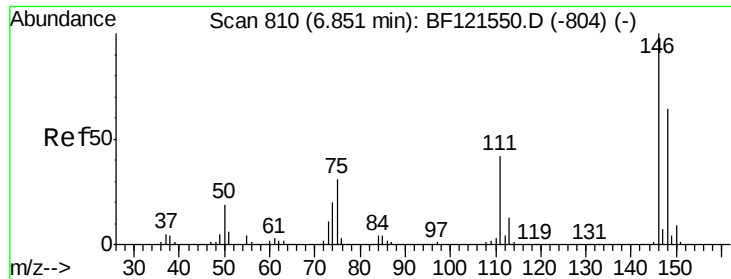
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.541 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:	146	Resp:	523917
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.6	75.8
75	33.7	23.5	35.3





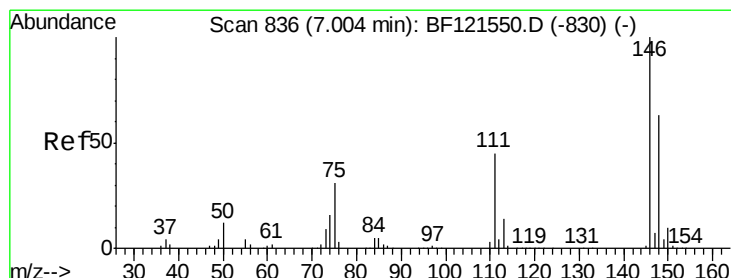
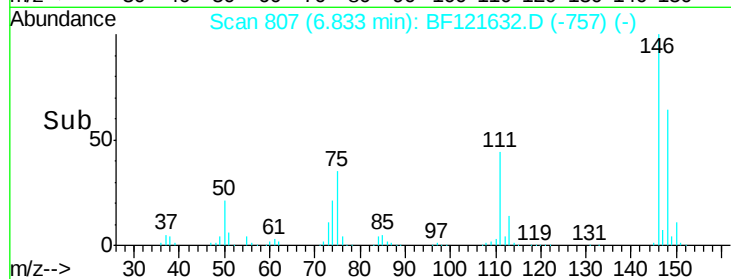
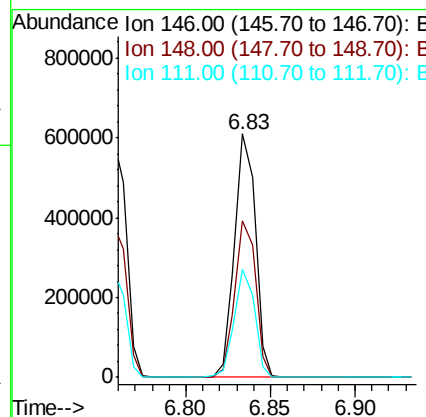
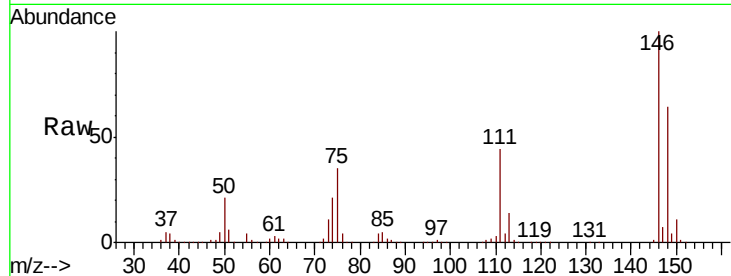
#13
 1,4-Dichlorobenzene
 Concen: 42.280 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	44.3	32.7	49.1

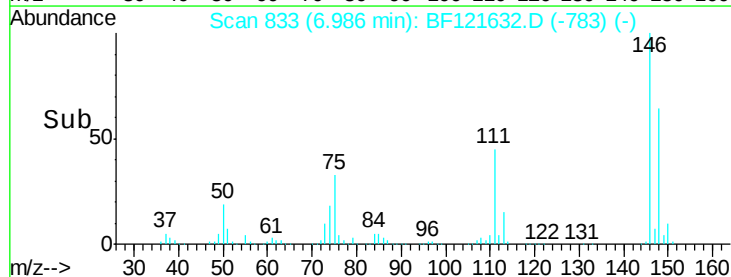
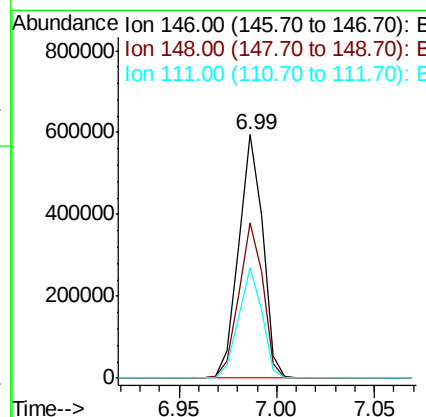
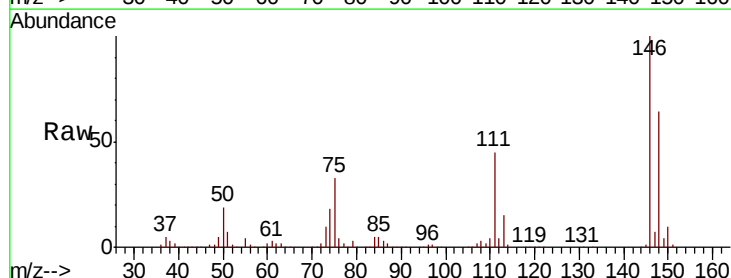
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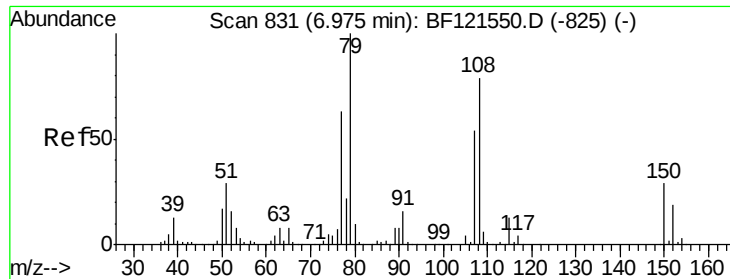
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.736 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
111	45.4	35.5	53.3





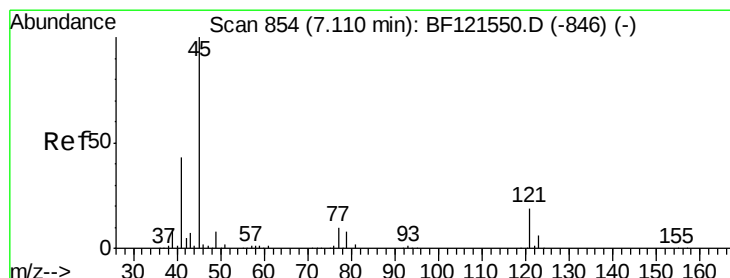
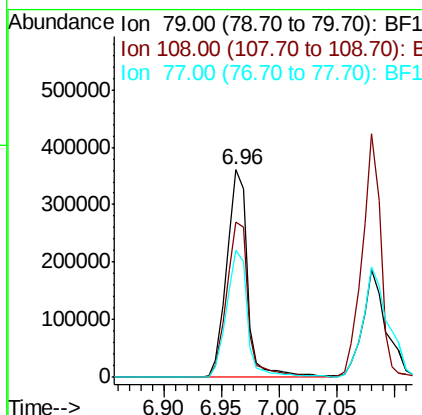
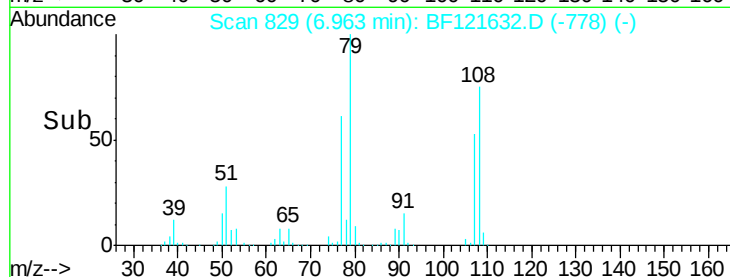
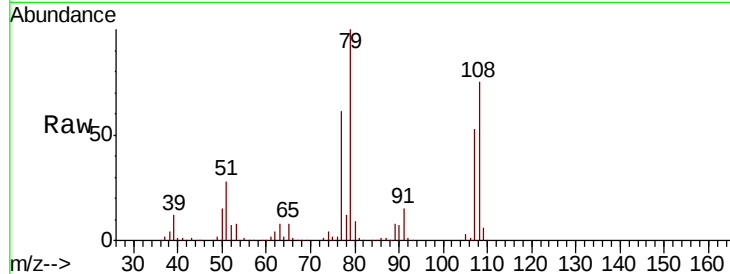
#15
Benzyl Alcohol
Concen: 46.976 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.1	60.2	90.2
77	61.3	50.6	76.0

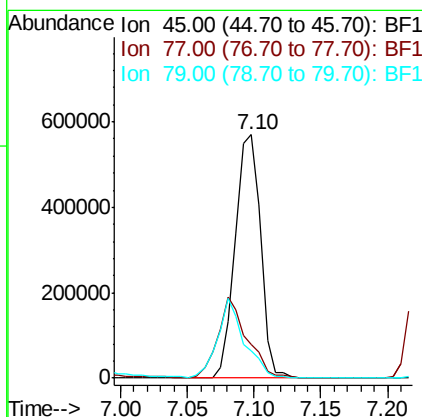
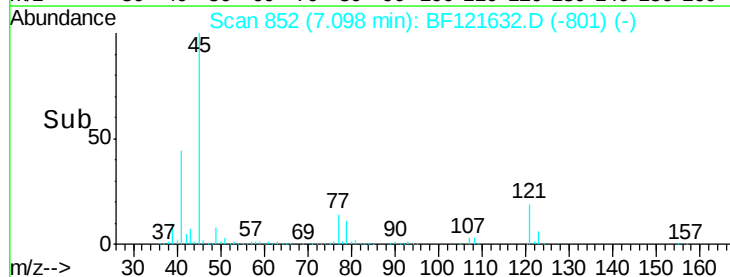
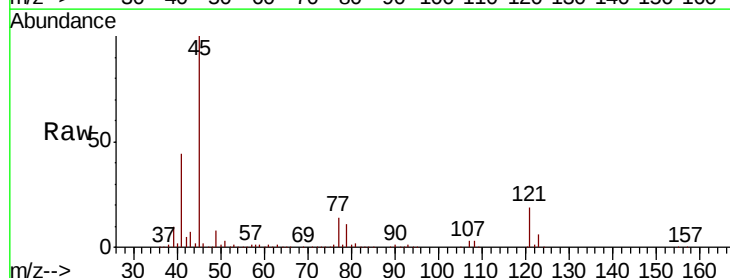
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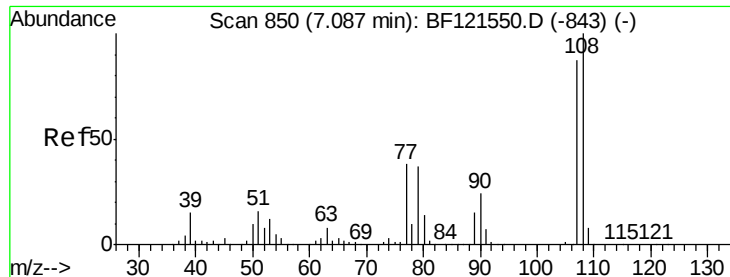
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.210 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.8
79	11.1	0.0	31.2





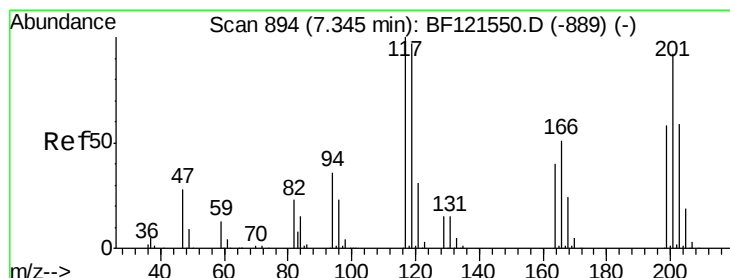
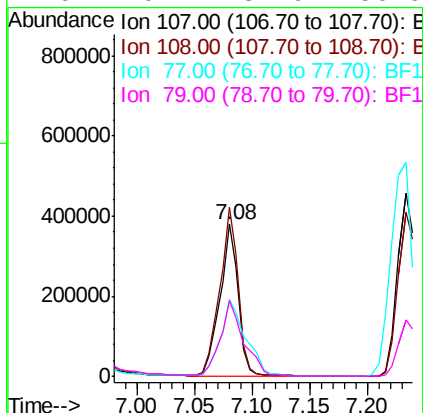
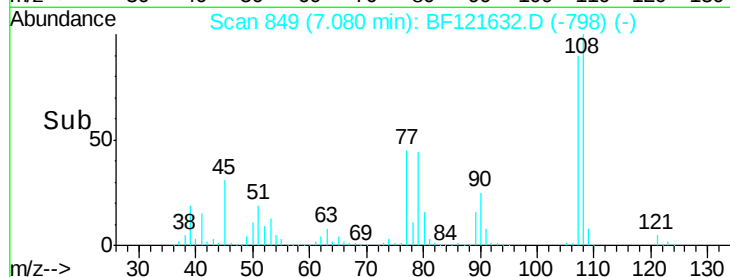
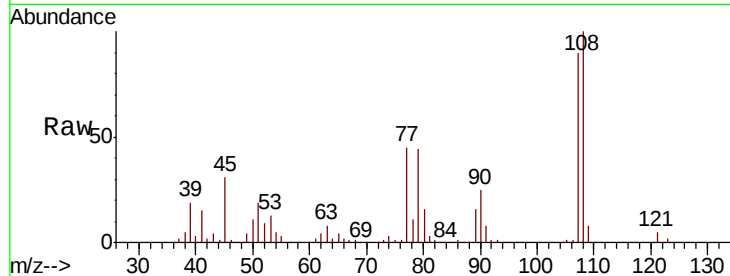
#17
2-Methylphenol
Concen: 44.512 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	90.6	135.8	
77	50.3	38.7	58.1	
79	49.4	37.9	56.9	

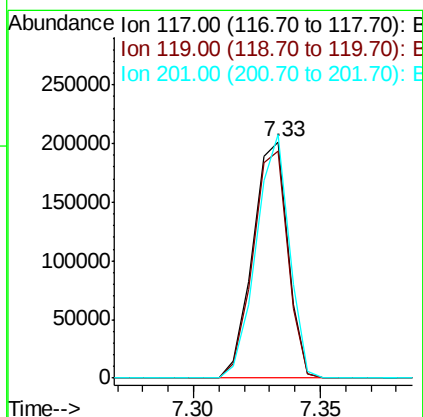
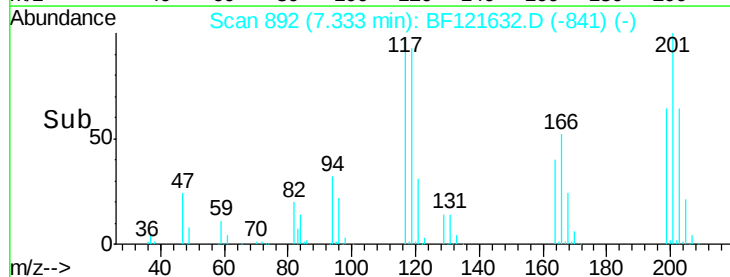
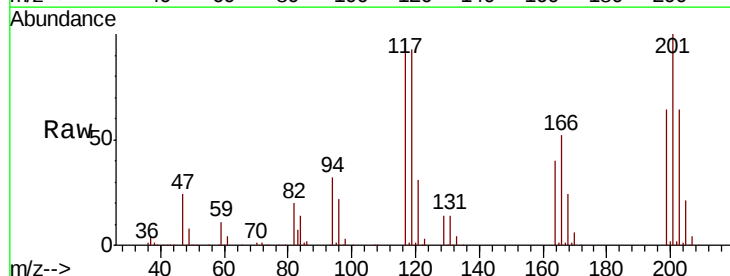
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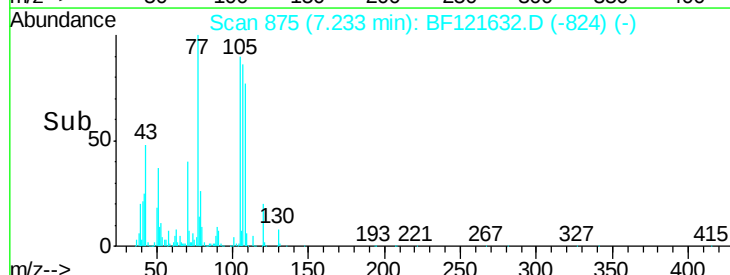
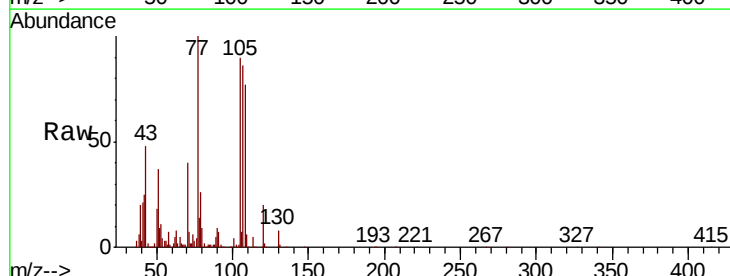
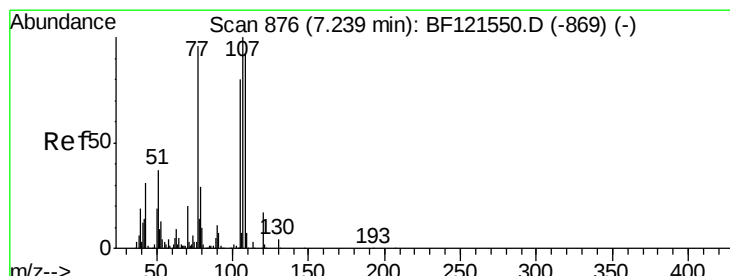
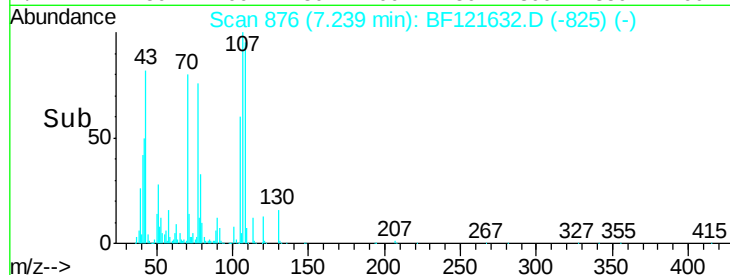
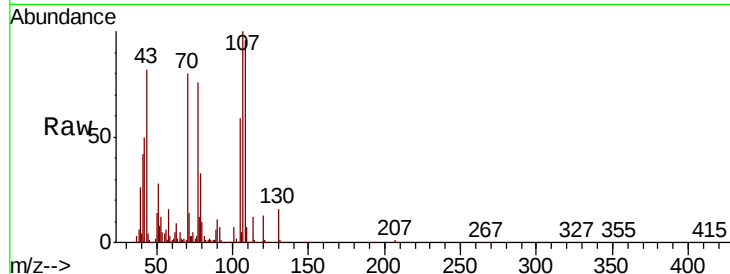
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#18
Hexachloroethane
Concen: 44.143 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

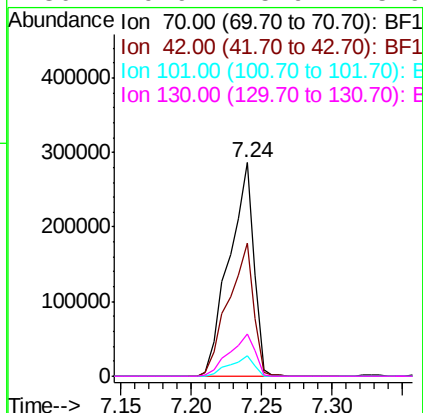
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.7	113.5	
201	103.0	77.5	116.3	





#19
n-Nitroso-di-n-propylamine
Concen: 42.619 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.3	48.3	72.5	
101	9.3	7.6	11.4	
130	19.9	15.9	23.9	



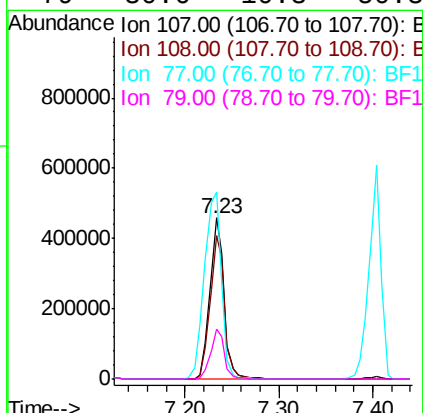
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19MS

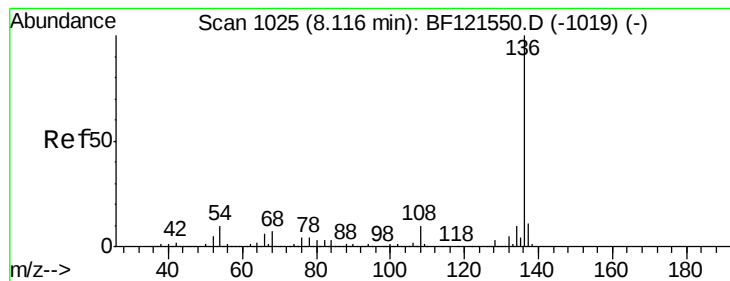
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#20
3+4-Methylphenols
Concen: 43.349 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	67.0	107.0	
77	116.3	107.7	147.7	
79	30.6	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: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

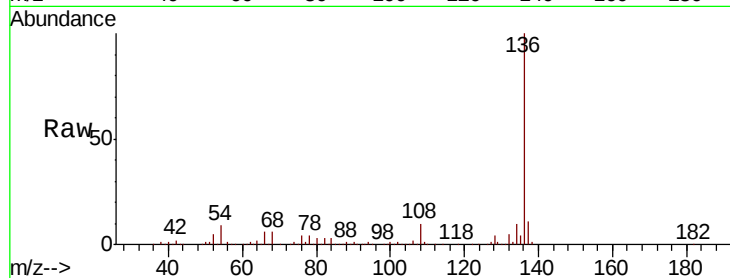
ClientSampleId :

PAV-B33-091720-10-19MS

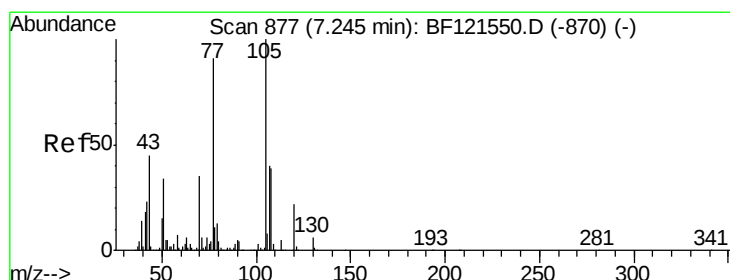
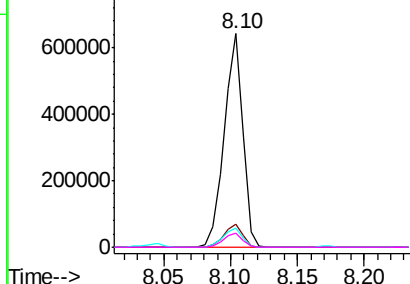
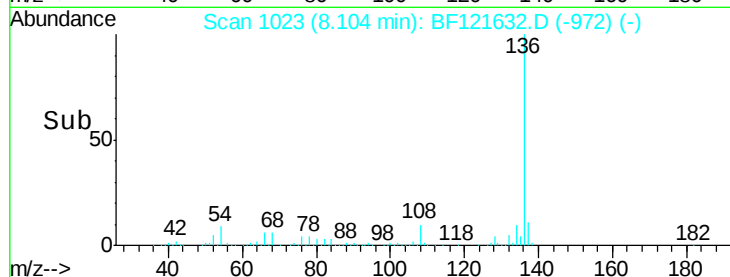
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		633764		
137	10.9		8.9	13.3	
54	9.0		7.4	11.0	
68	6.5		5.3	7.9	

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Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.962 ng

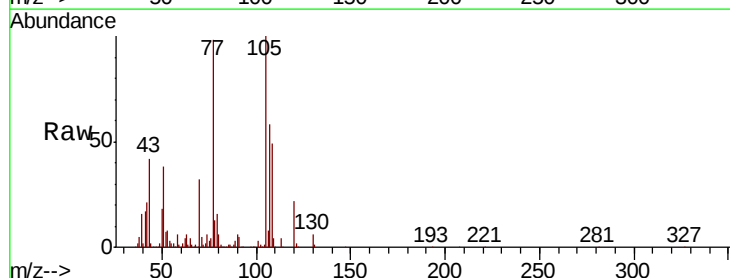
RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

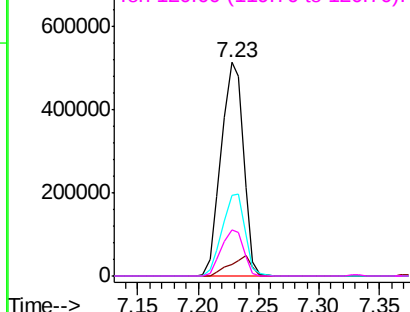
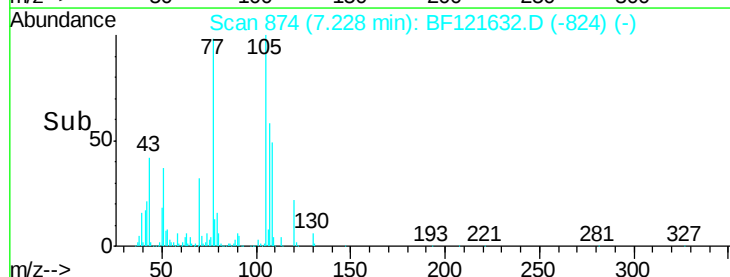
Lab File: BF121632.D

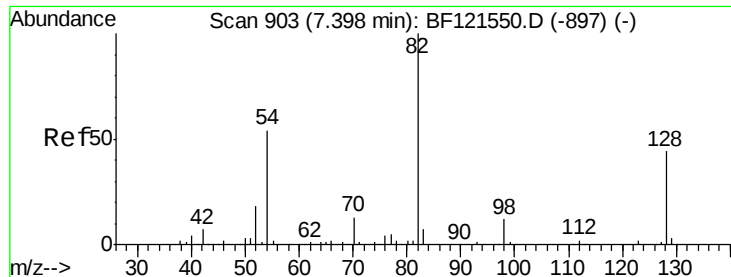
Acq: 21 Sep 2020 18:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		658664		
71	5.2		5.5	8.3#	
51	37.5		31.7	47.5	
120	21.7		17.4	26.2	



Abundance Ion 105.00 (104.70 to 105.70): E
800000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





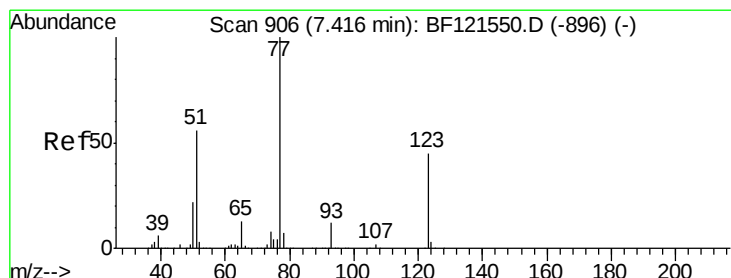
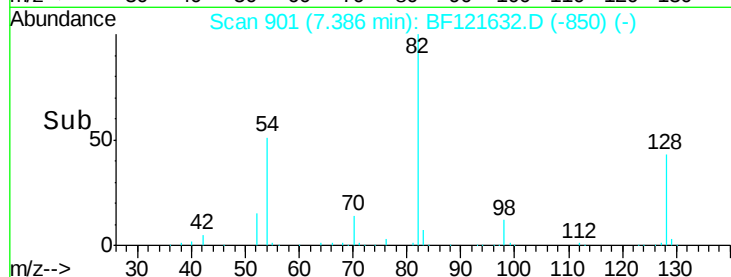
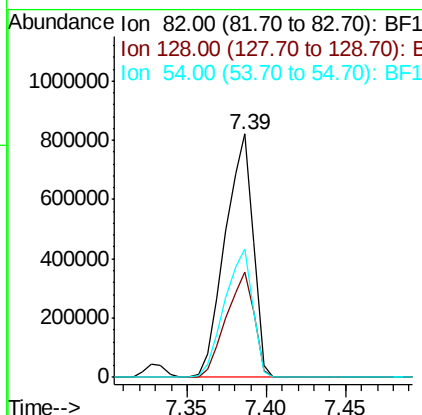
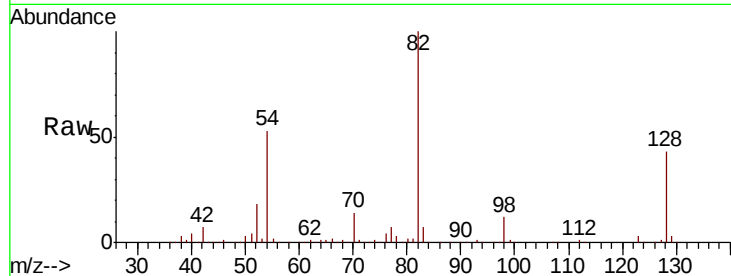
#23
 Nitrobenzene-d5
 Concen: 85.354 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.9	50.9
54	52.9	42.9	64.3

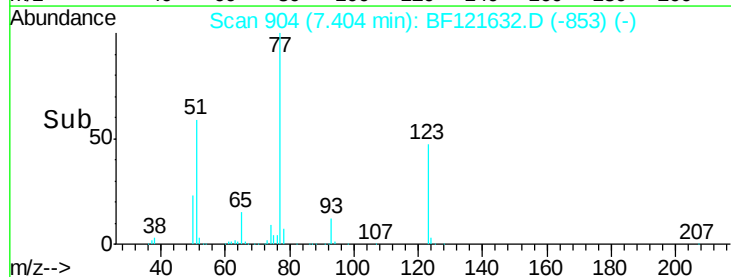
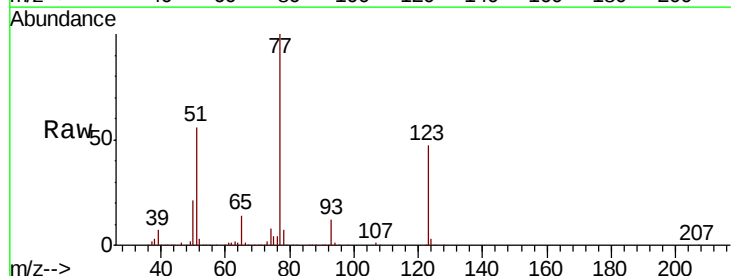
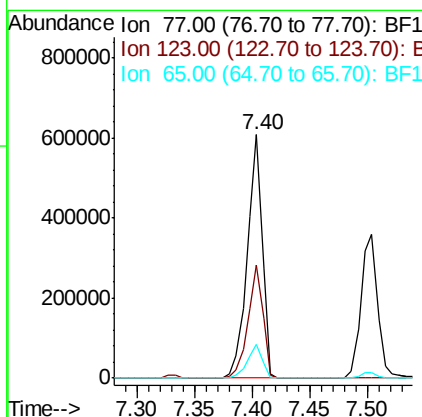
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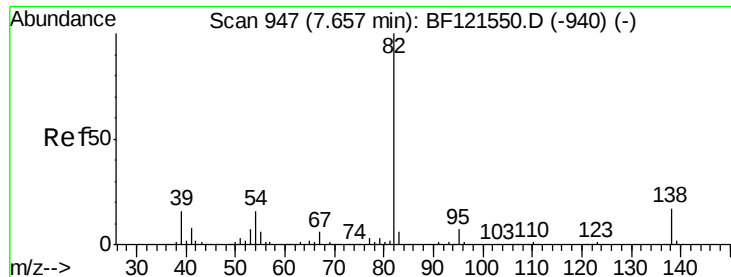
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#24
 Nitrobenzene
 Concen: 42.753 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.8	53.8
65	13.7	11.2	16.8





#25

Isophorone

Concen: 41.607 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

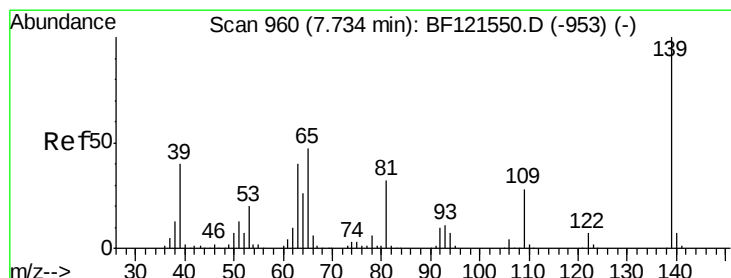
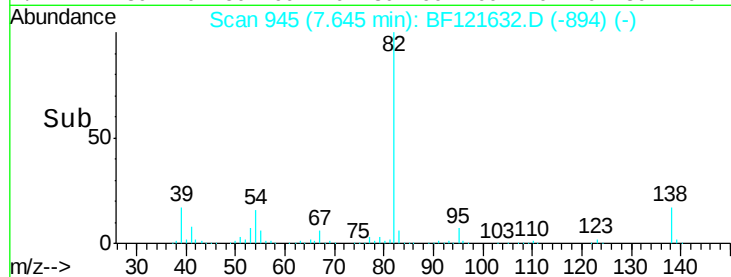
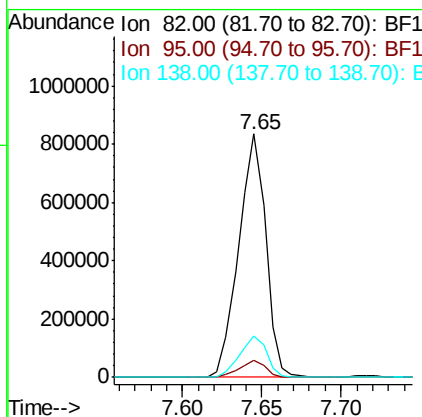
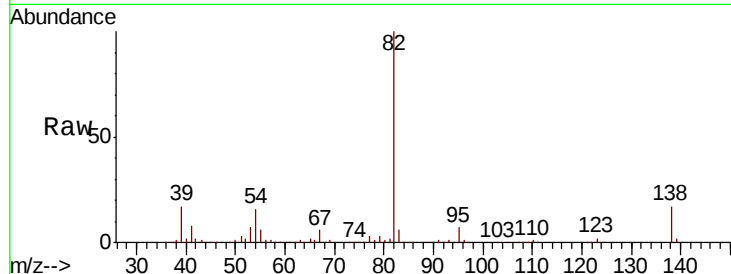
ClientSampleId :

PAV-B33-091720-10-19MS

Tot Ion:	82	Resp:	988621
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	17.1	13.2	19.8

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#26

2-Nitrophenol

Concen: 44.016 ng

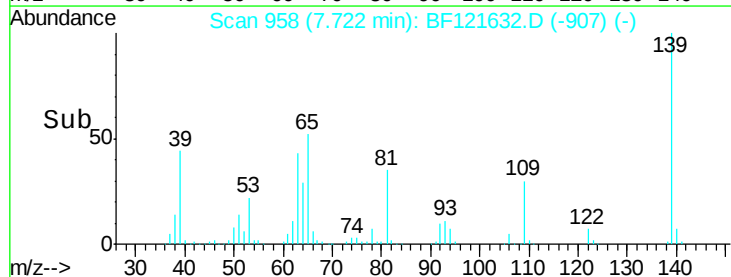
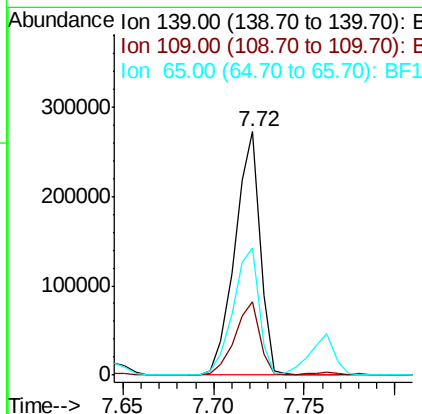
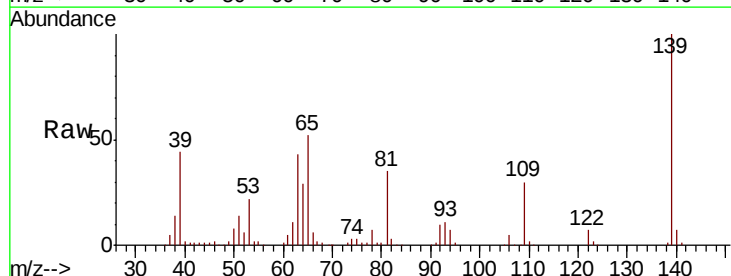
RT: 7.72 min Scan# 958

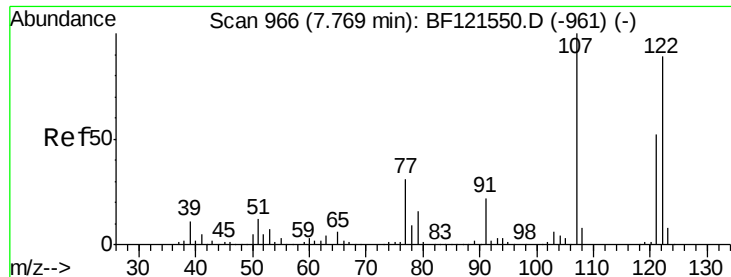
Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Tgt Ion:	139	Resp:	263189
Ion Ratio	Lower	Upper	
139	100		
109	30.2	23.4	35.2
65	52.2	41.0	61.4





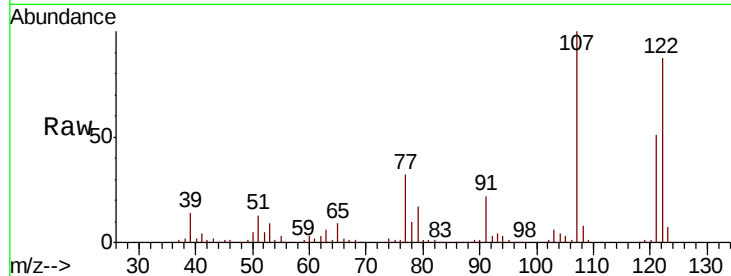
#27
 2,4-Dimethylphenol
 Concen: 41.918 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	91.4	137.0
121	58.5	46.2	69.2

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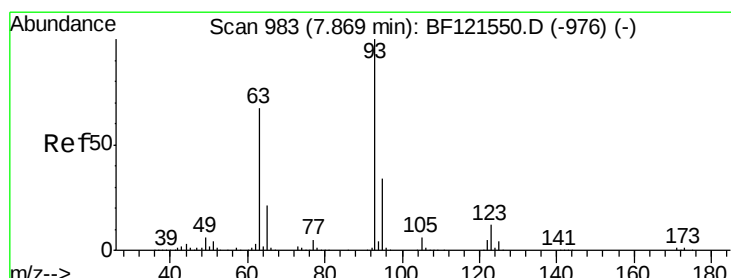
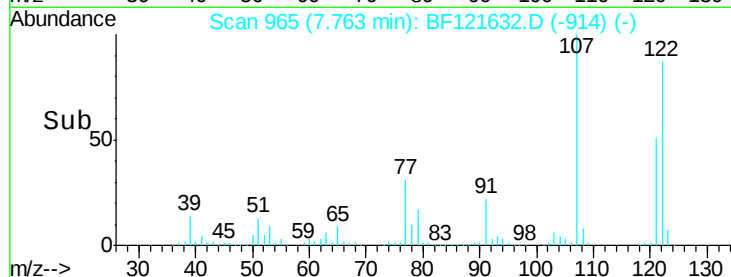
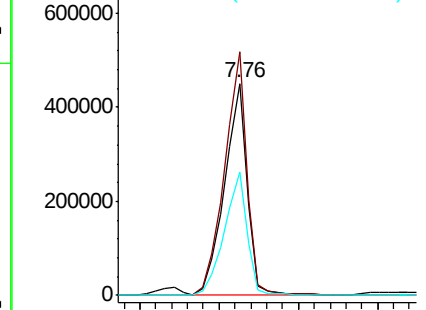


Abundance

Ion 122.00 (121.70 to 122.70): E

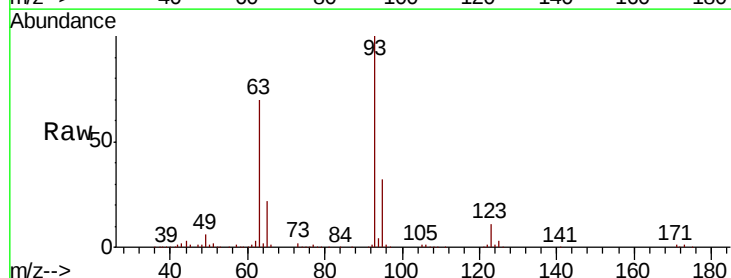
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.451 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	10.8	9.3	13.9

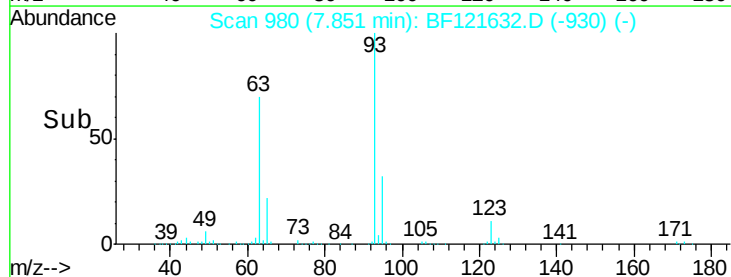
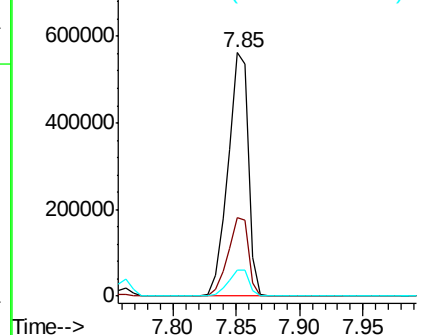


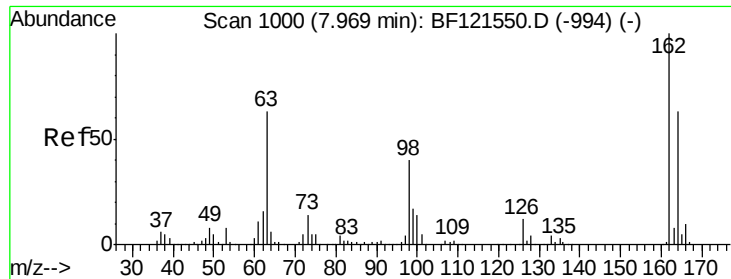
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





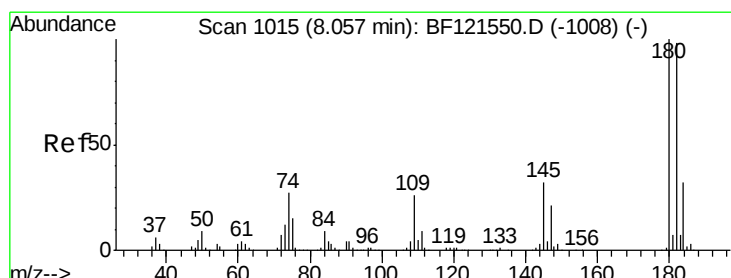
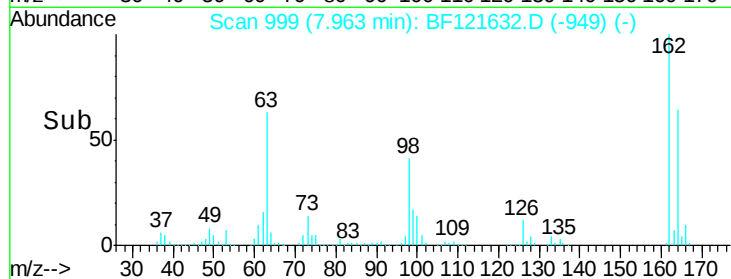
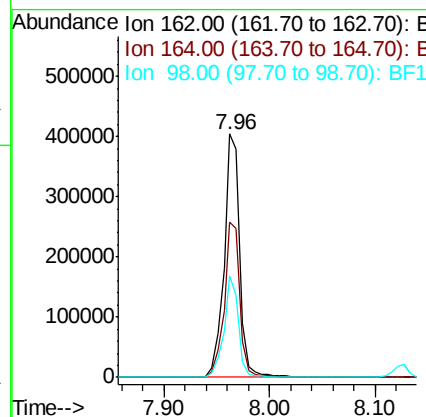
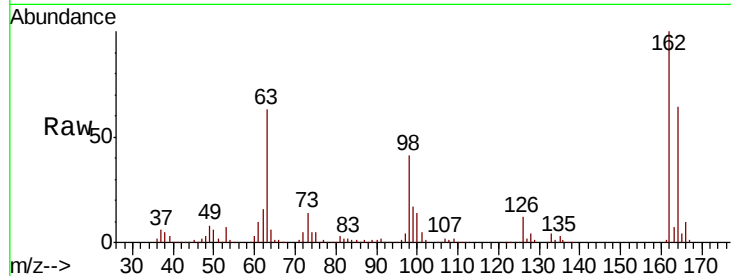
#29
 2,4-Dichlorophenol
 Concen: 43.496 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	420192		
164	63.8	44.1	84.1	
98	41.5	16.7	56.7	

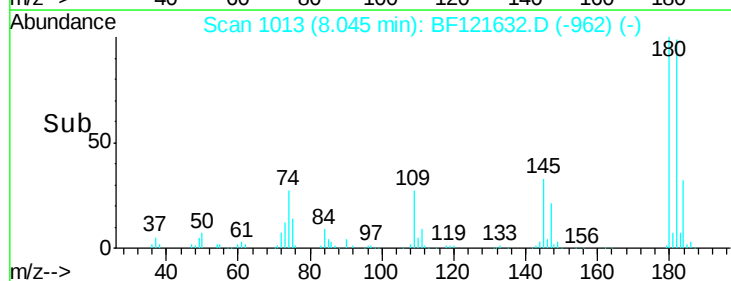
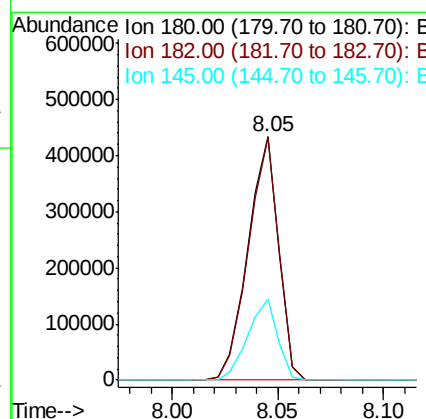
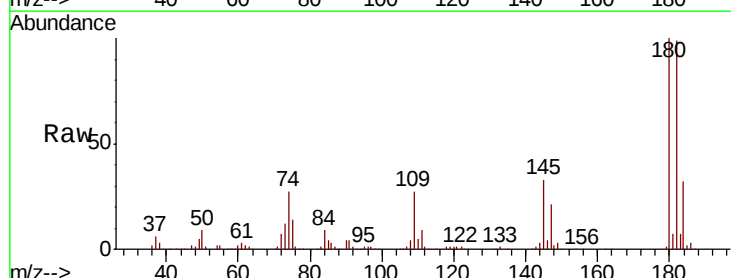
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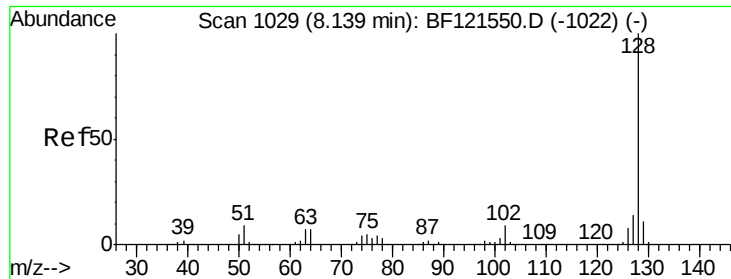
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.659 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	434017		
182	99.4	78.6	117.8	
145	33.4	26.2	39.2	





#31

Naphthalene

Concen: 42.008 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

Tot Ion:128 Resp: 1405395

Ion Ratio Lower Upper

128 100

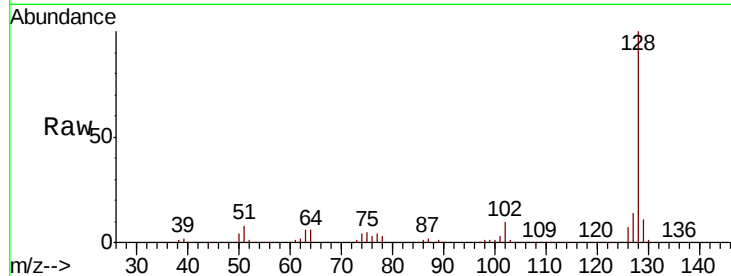
129 11.4 9.0 13.4

127 13.7 10.8 16.2

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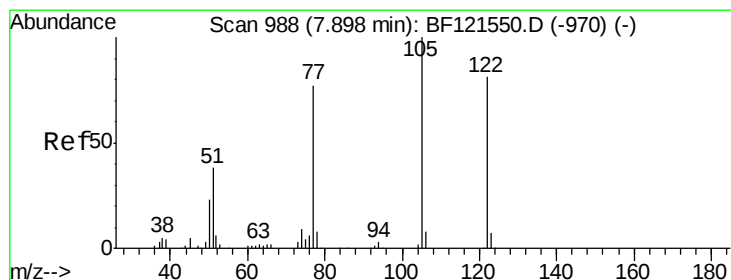
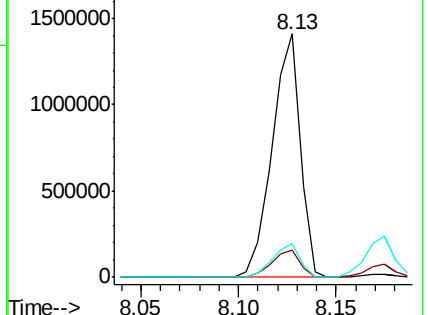
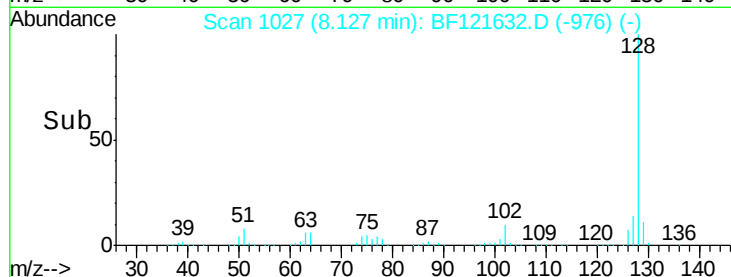
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.755 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.05 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

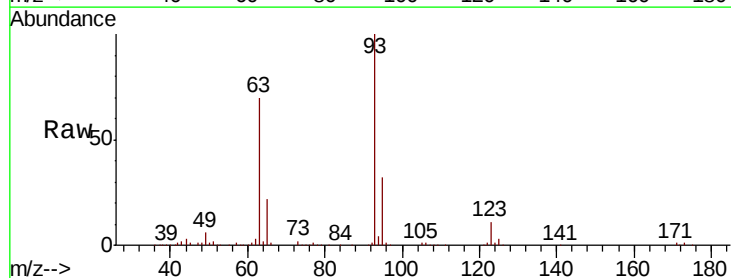
Tgt Ion:122 Resp: 16831

Ion Ratio Lower Upper

122 100

105 116.5 101.9 141.9

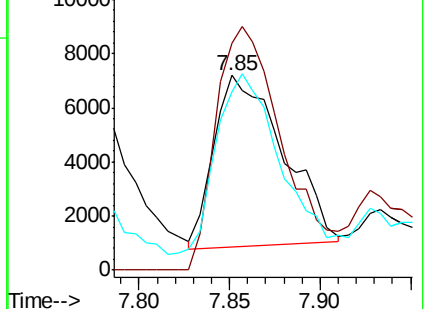
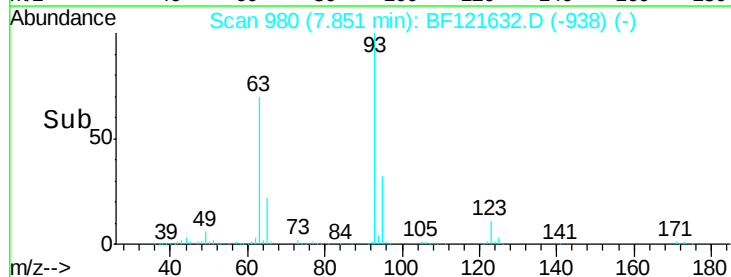
77 91.7 69.0 109.0

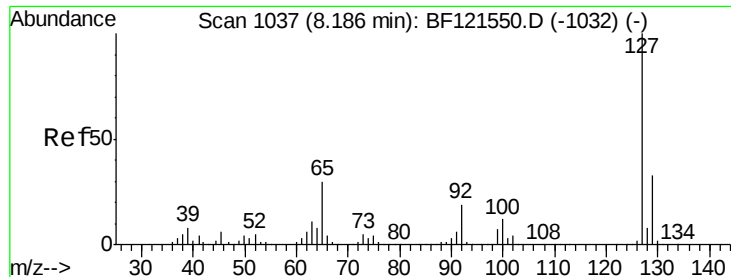


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





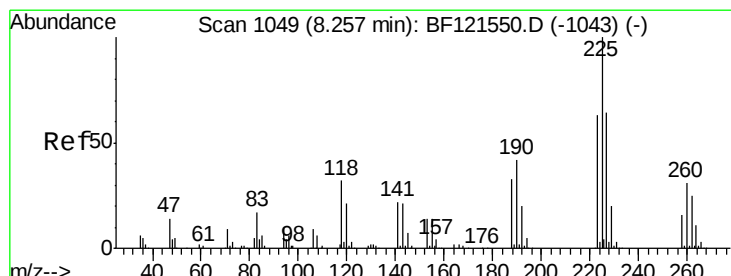
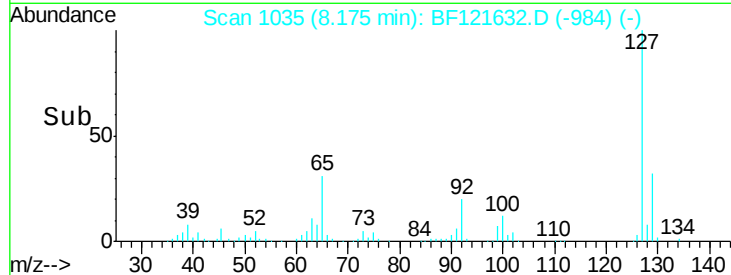
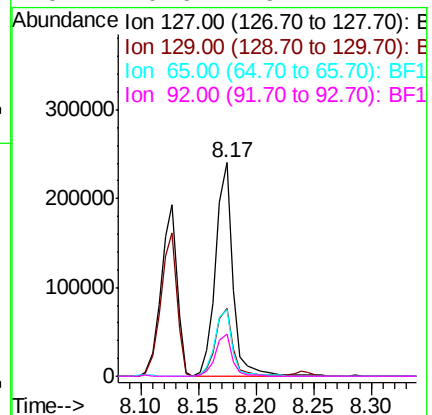
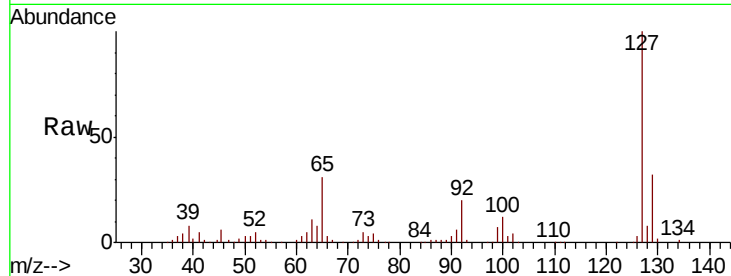
#33
4-Chloroaniline
Concen: 17.206 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.8	38.8		
65	30.9	26.3	39.5		
92	19.6	16.2	24.4		

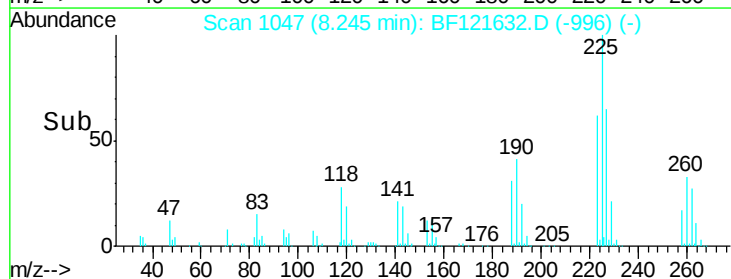
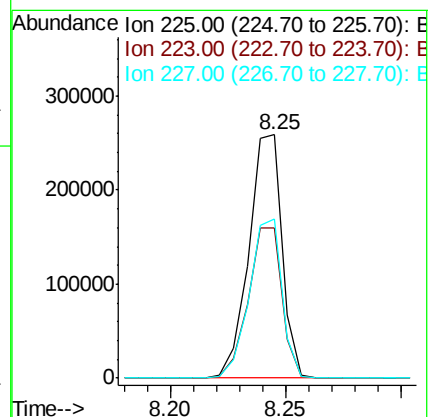
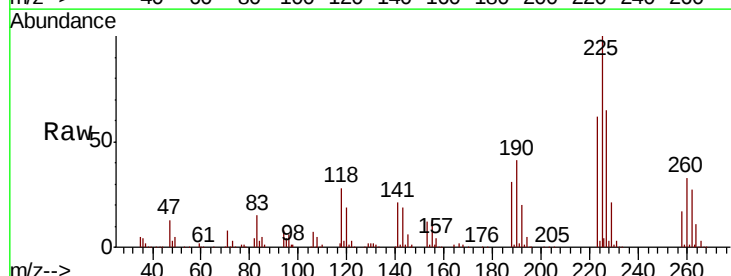
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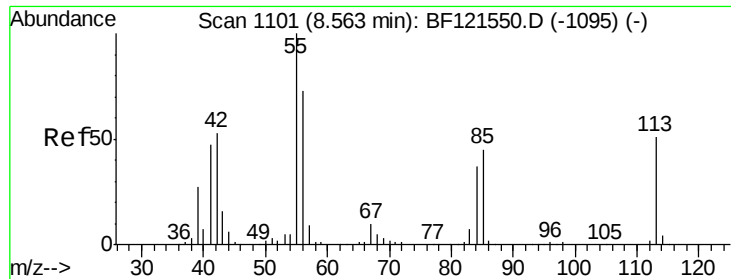
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#34
Hexachlorobutadiene
Concen: 43.678 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	51.4	77.2		
227	65.3	51.7	77.5		





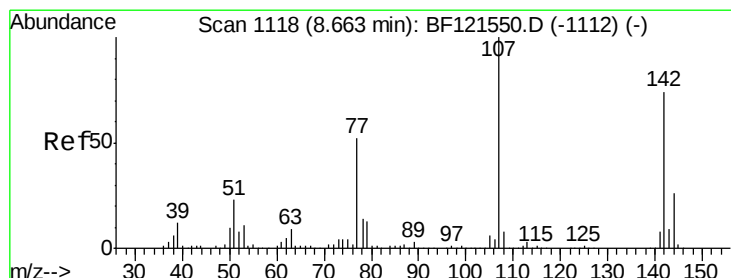
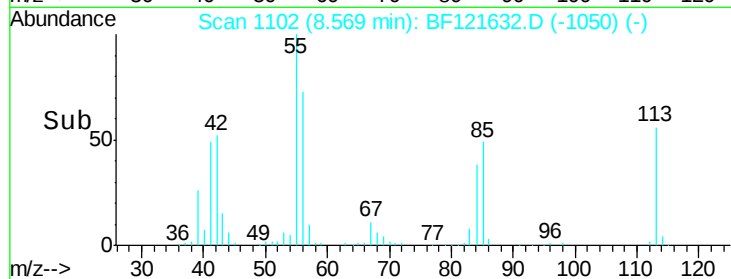
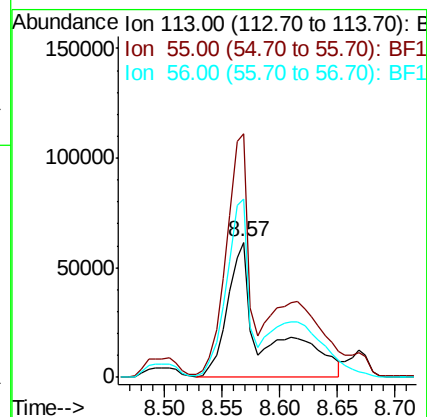
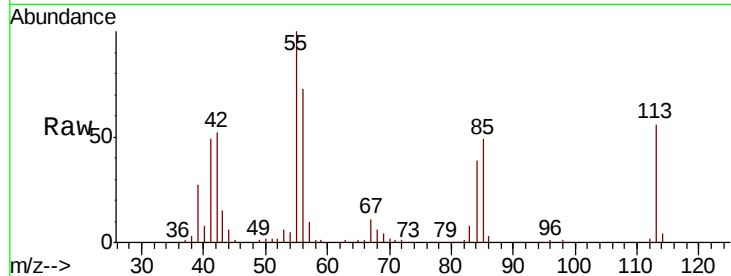
#35
Caprolactam
Concen: 43.123 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	179.9	166.3	206.3		
56	131.8	118.7	158.7		

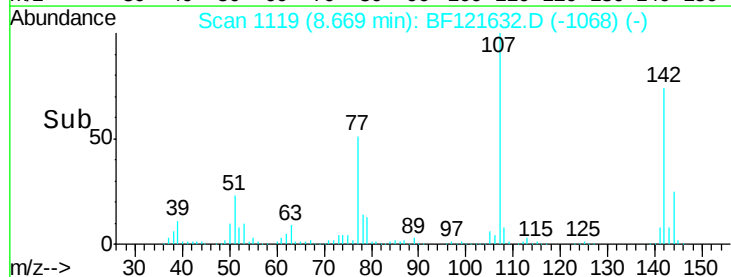
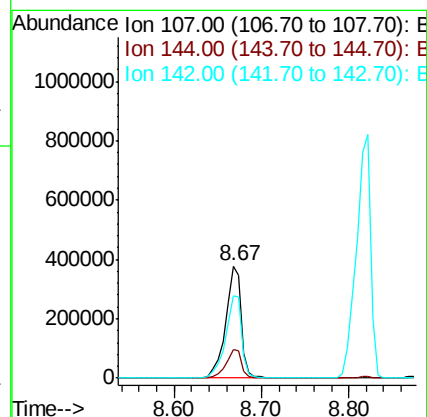
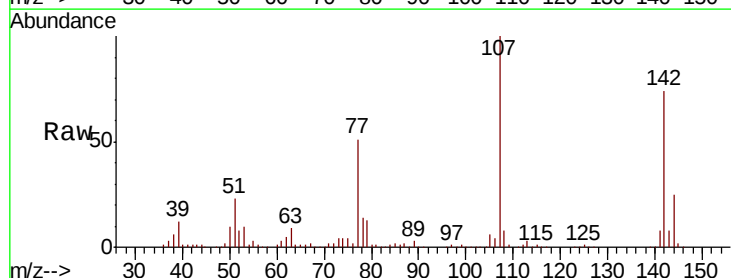
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#36
4-Chloro-3-methylphenol
Concen: 45.178 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.9	20.6	31.0		
142	73.5	61.7	92.5		





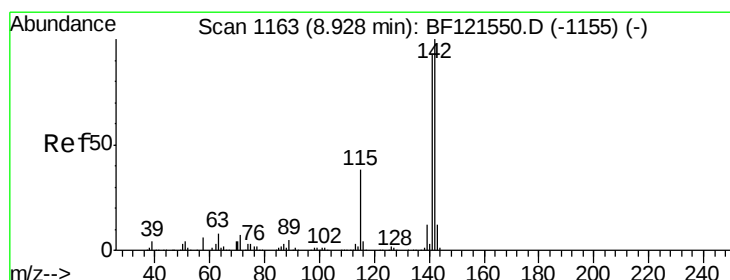
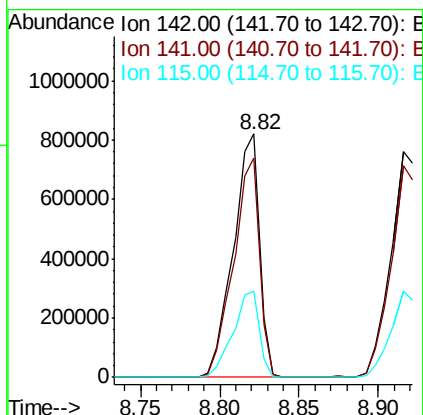
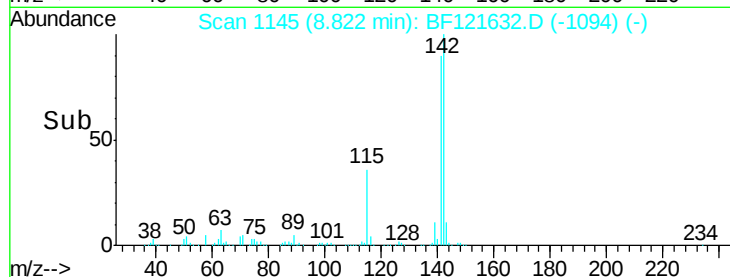
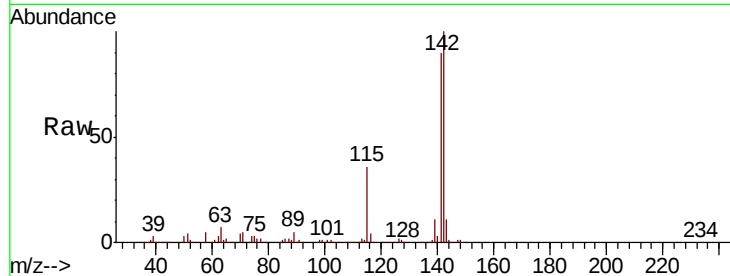
#37
2-Methylnaphthalene
Concen: 42.960 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.2
115	35.6	28.5	42.7

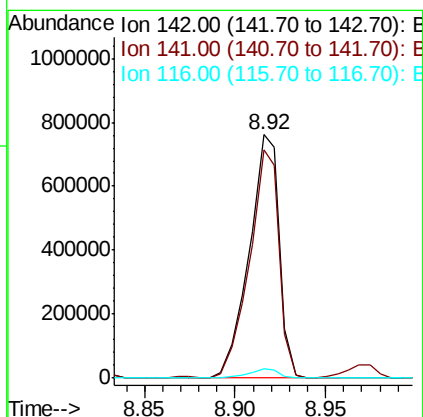
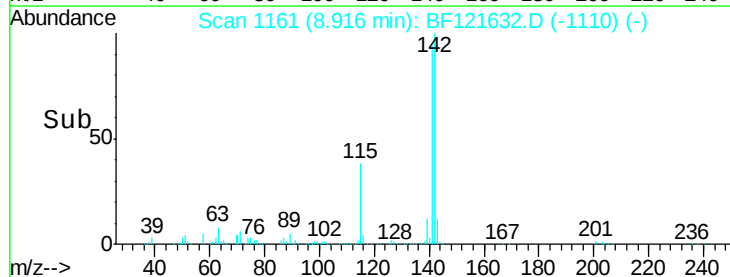
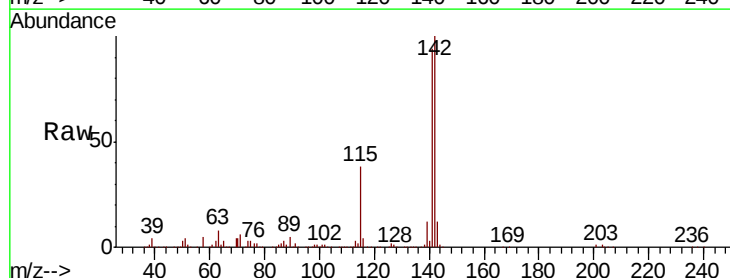
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#38
1-Methylnaphthalene
Concen: 42.874 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.8	110.8
116	4.0	3.3	4.9





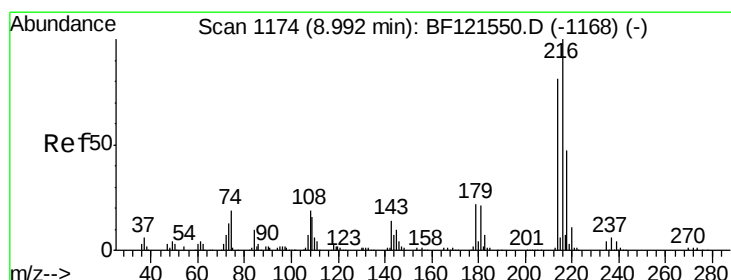
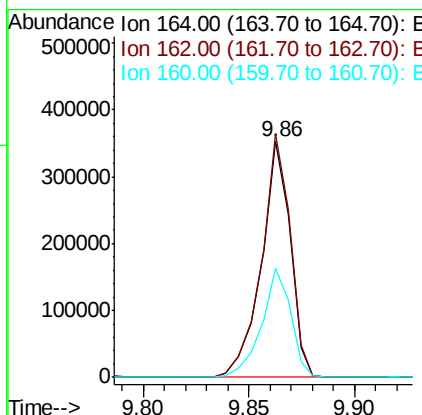
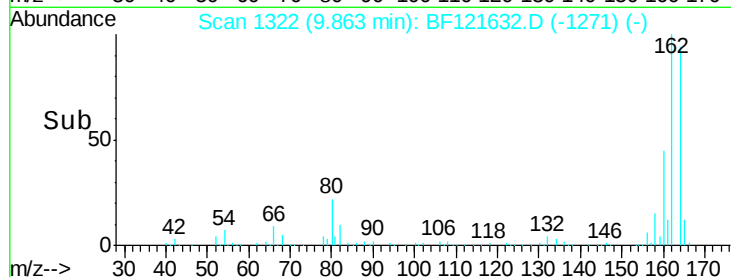
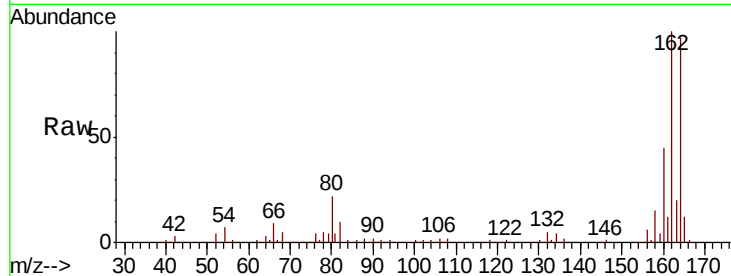
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	81.2	121.8	
160	46.3	36.2	54.4	

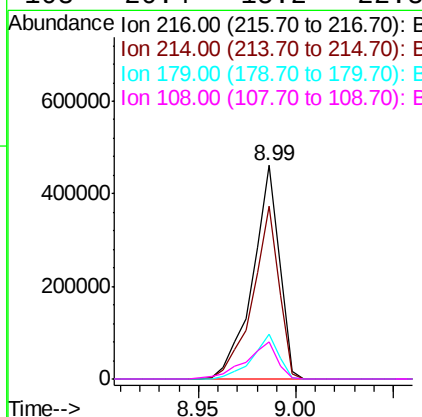
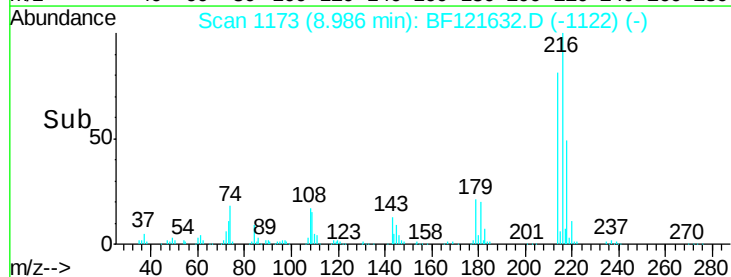
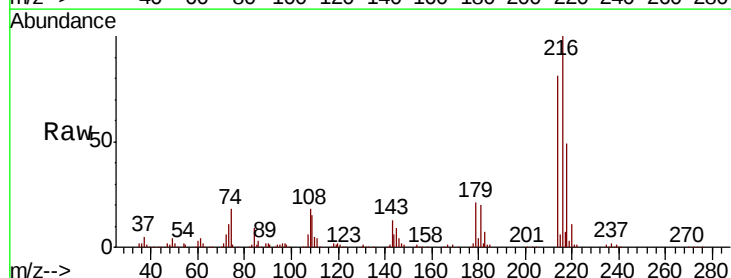
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.656 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	63.0	94.4	
179	20.6	16.6	24.8	
108	20.4	15.2	22.8	





#41

Hexachlorocyclopentadiene

Concen: 70.858 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

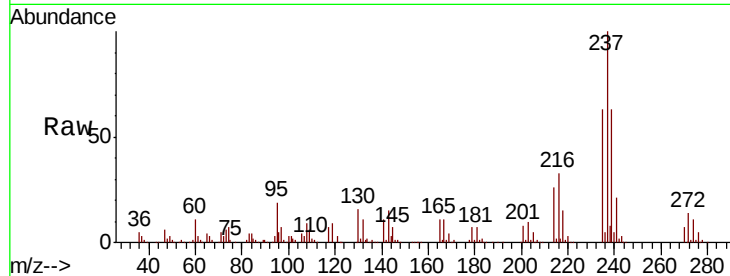
ClientSampleId :

PAV-B33-091720-10-19MS

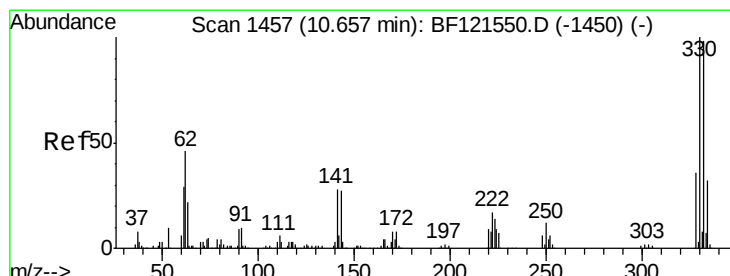
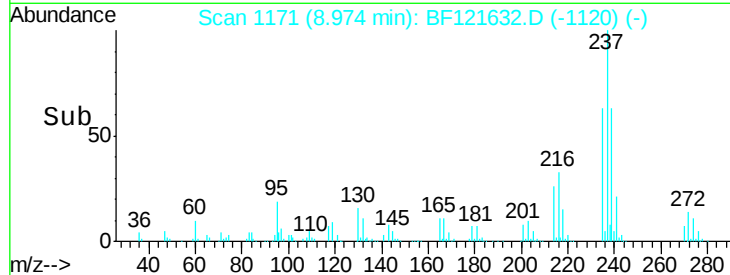
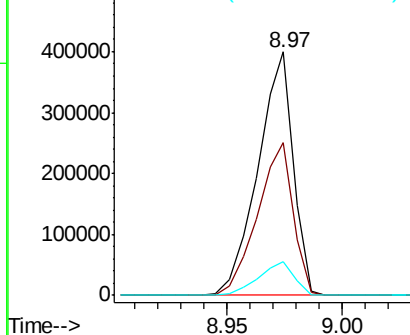
Tot Ion:	237	Resp:	425107
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.4	83.4
272	13.7	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 116.877 ng

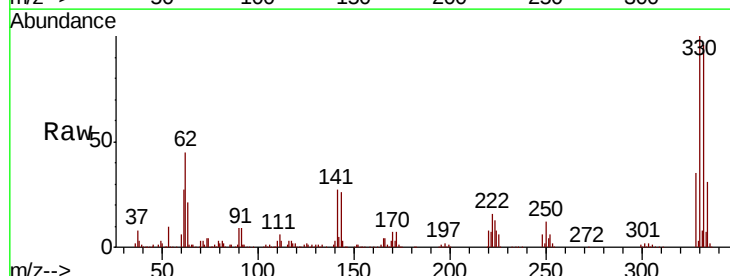
RT: 10.66 min Scan# 1457

Delta R.T. -0.00 min

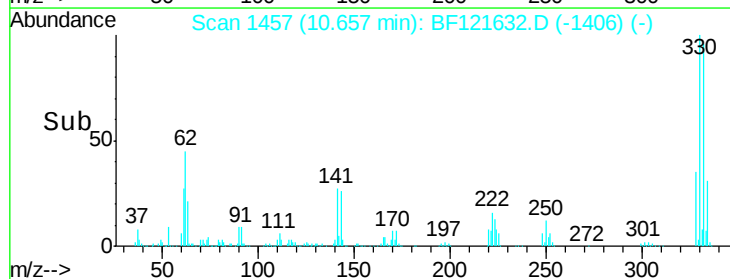
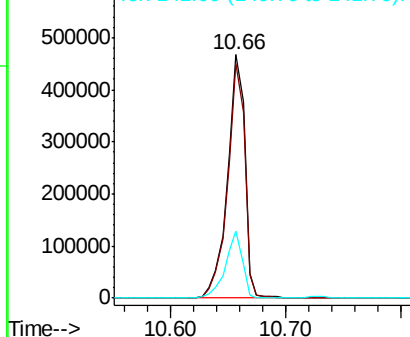
Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Tgt Ion:	330	Resp:	488541
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.9	115.3
141	26.7	22.4	33.6



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





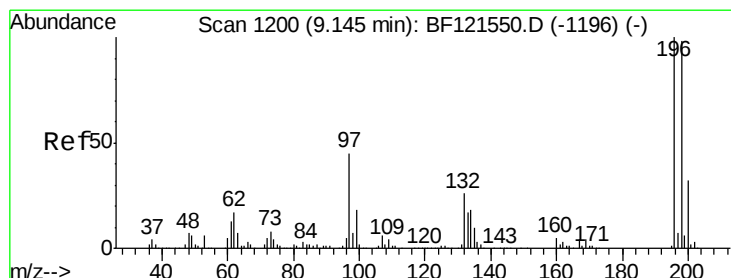
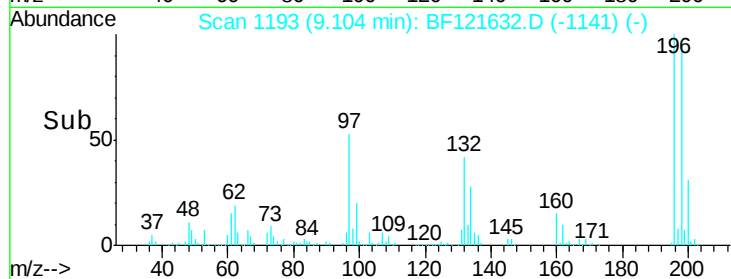
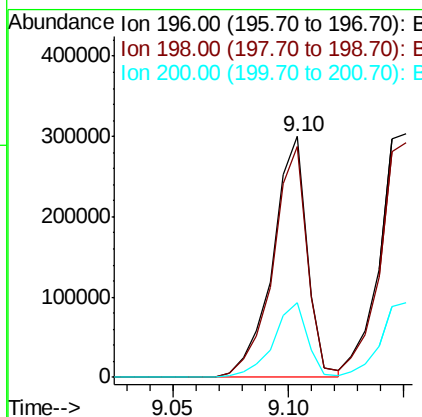
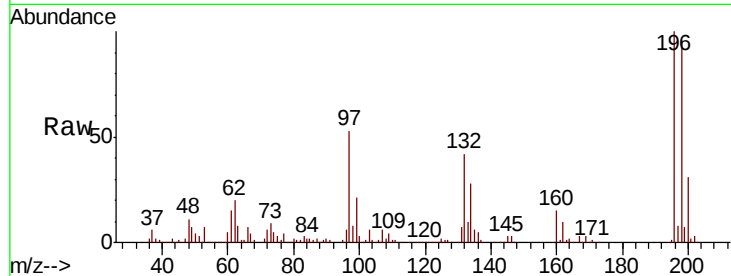
#43
 2,4,6-Trichlorophenol
 Concen: 43.397 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

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

Tot Ion:	196	Resp:	310751
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.4	113.2
200	31.1	24.5	36.7

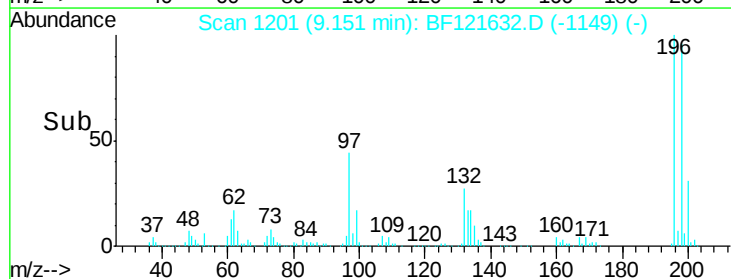
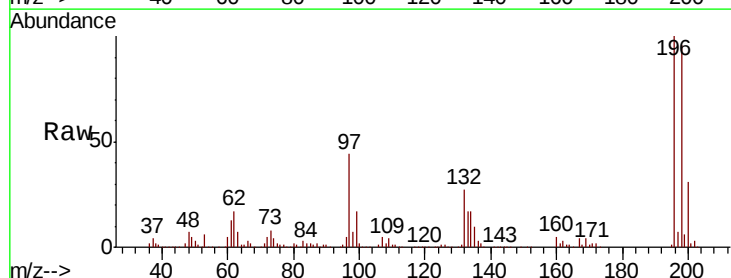
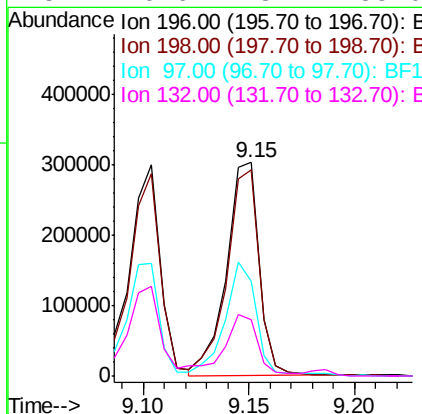
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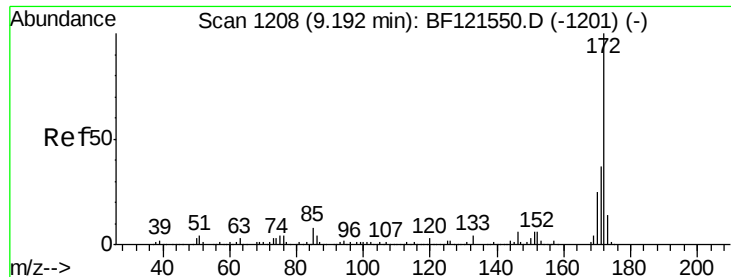
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.621 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion:	196	Resp:	322637
Ion Ratio	Lower	Upper	
196	100		
198	96.4	74.3	111.5
97	44.3	44.2	66.2
132	26.6	23.4	35.0





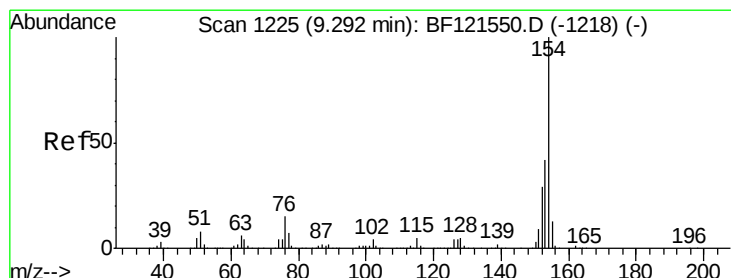
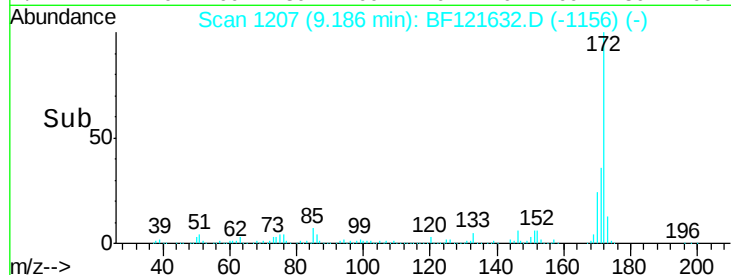
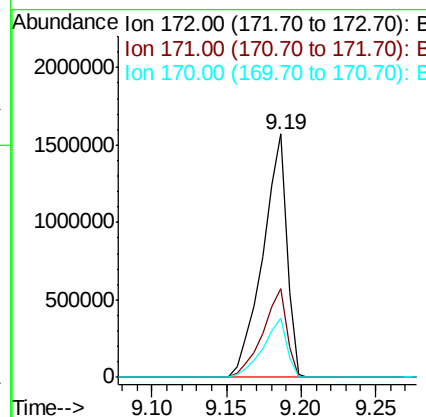
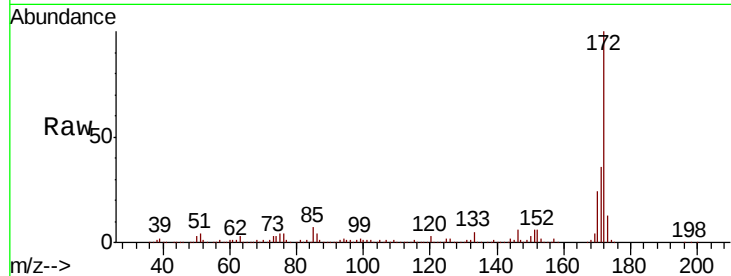
#45
2-Fluorobiphenyl
Concen: 78.469 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	24.5	19.5	29.3

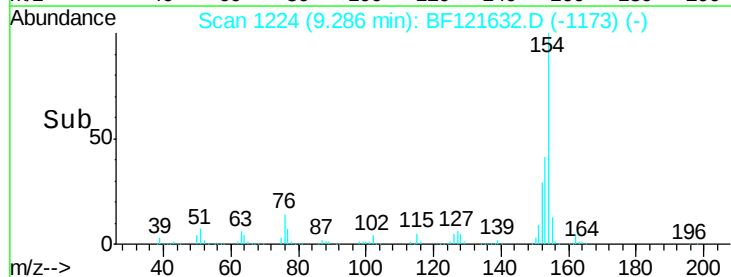
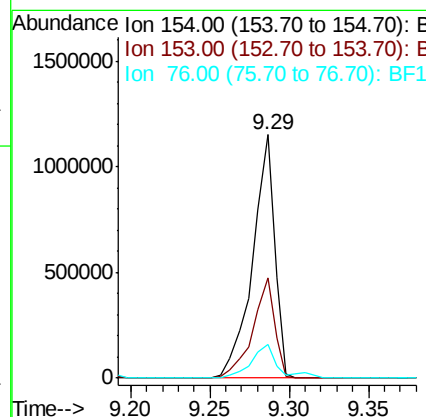
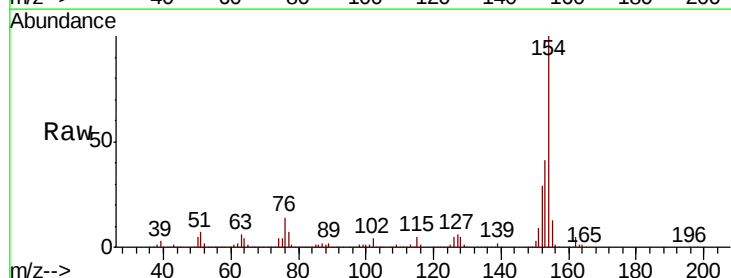
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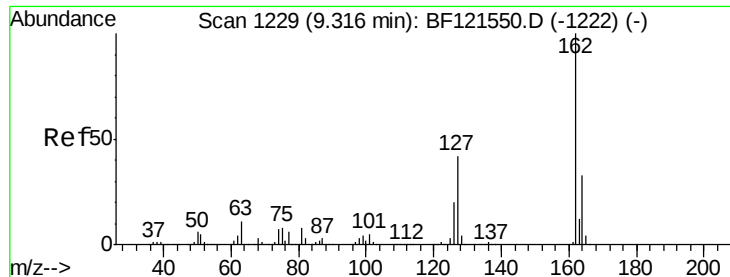
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#46
1,1'-Biphenyl
Concen: 41.413 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.1	61.1
76	13.9	0.0	34.1





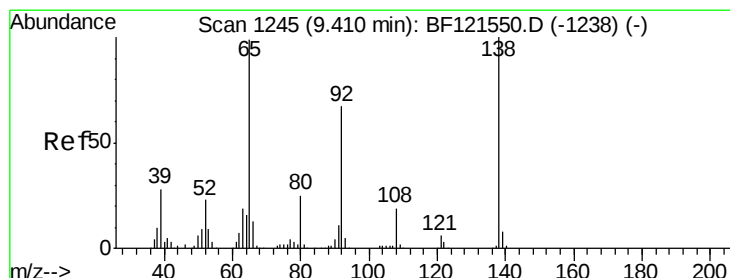
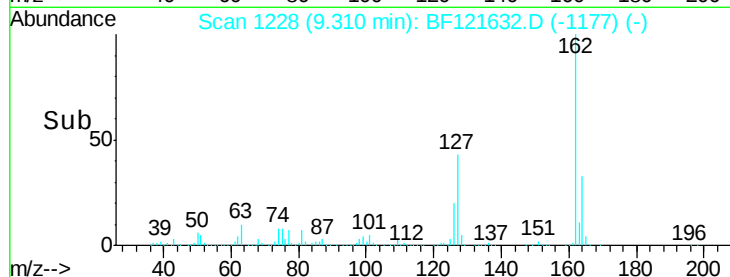
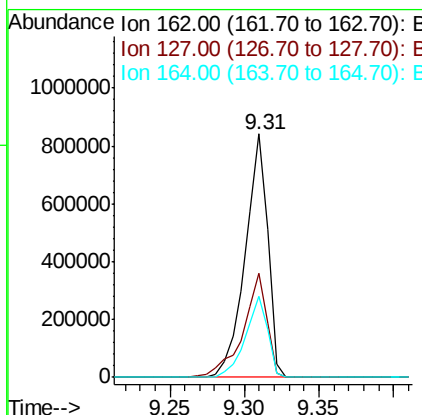
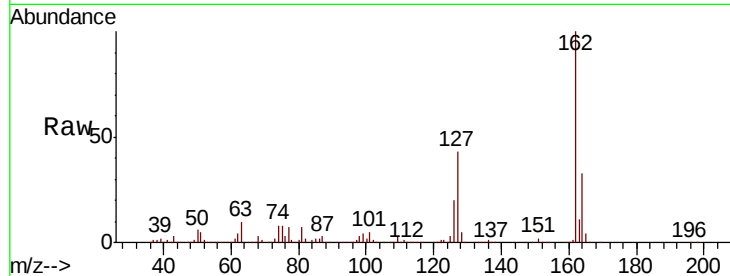
#47
 2-Chloronaphthalene
 Concen: 41.175 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.6	34.2	51.4	
164	33.1	27.0	40.4	

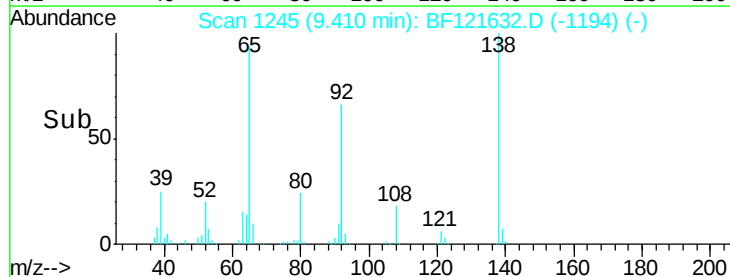
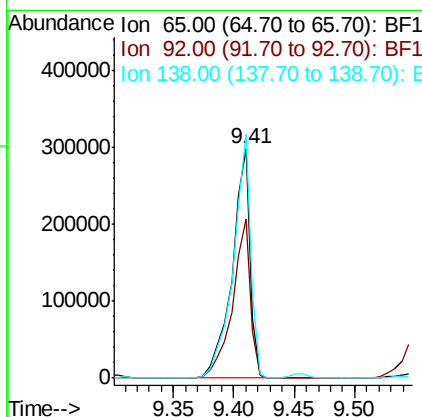
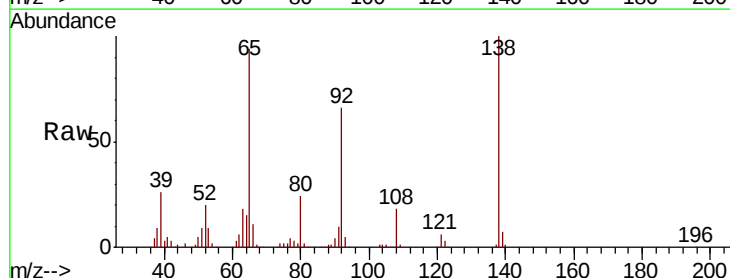
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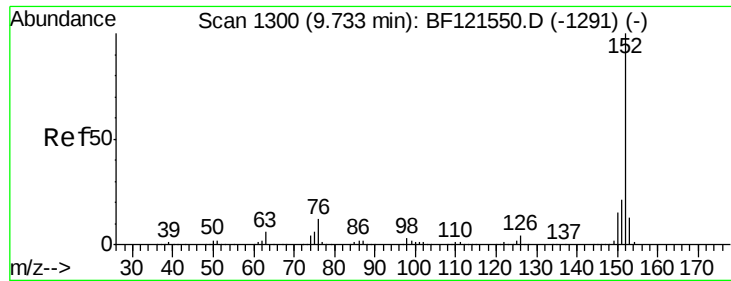
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#48
 2-Nitroaniline
 Concen: 46.735 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.6	56.0	84.0	
138	106.1	84.7	127.1	





#49

Acenaphthylene

Concen: 42.151 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

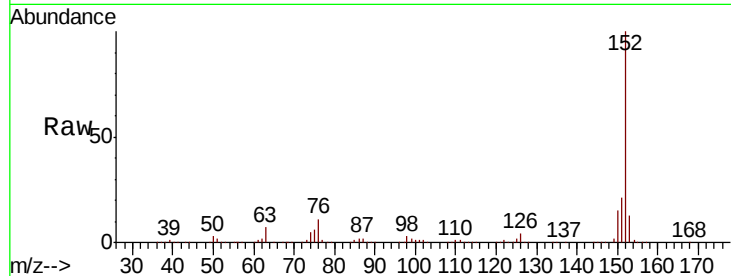
ClientSampleId :

PAV-B33-091720-10-19MS

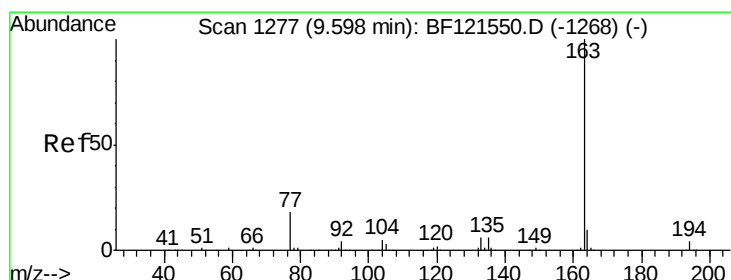
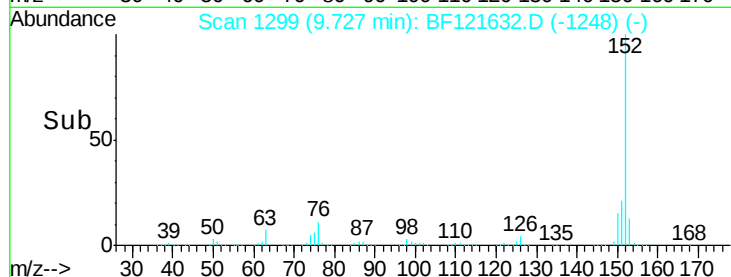
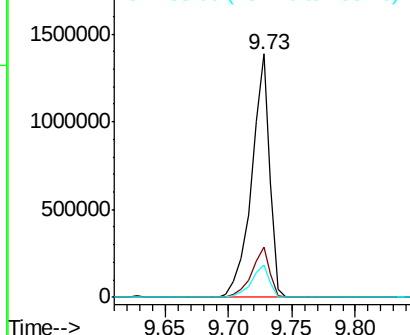
Tot Ion:	152	Resp:	1374111
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.4	10.7	16.1

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



#50

Dimethylphthalate

Concen: 53.533 ng

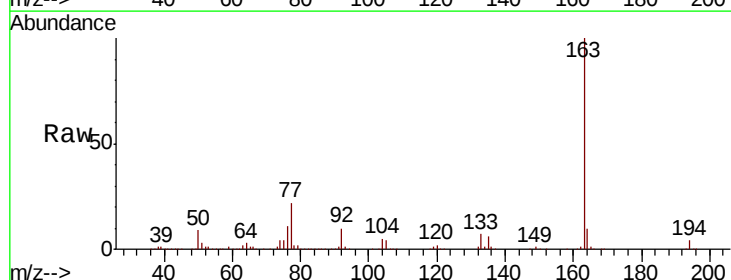
RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

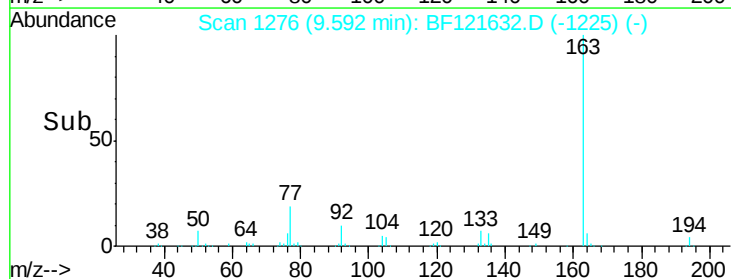
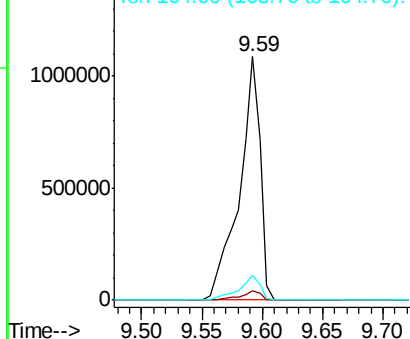
Lab File: BF121632.D

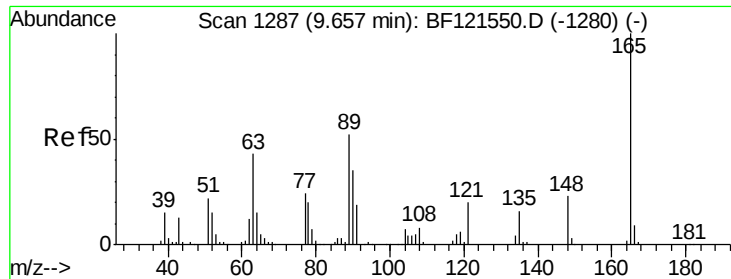
Acq: 21 Sep 2020 18:06

Tgt Ion:	163	Resp:	1304906
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.3	4.9
164	10.4	8.0	12.0



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





#51

2,6-Dinitrotoluene

Concen: 46.700 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

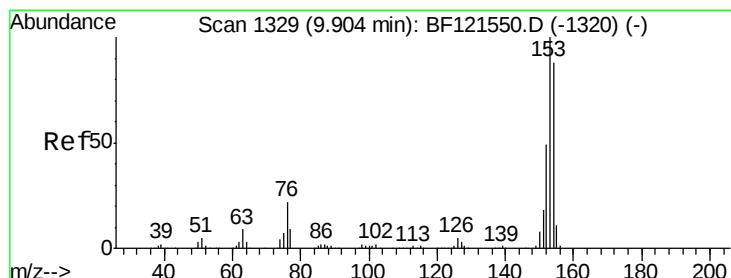
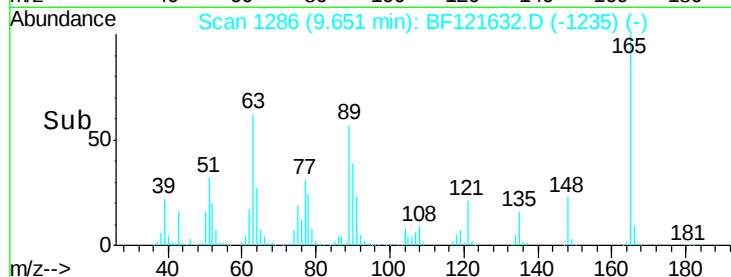
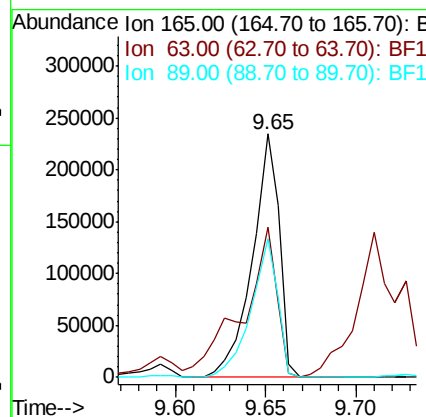
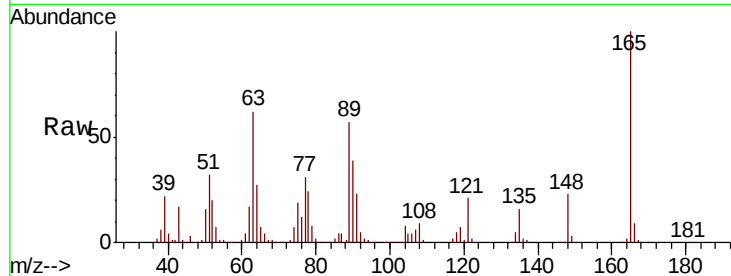
ClientSampleId :

PAV-B33-091720-10-19MS

Tot Ion:	165	Resp:	242432
Ion Ratio	Lower	Upper	
165	100		
63	61.8	47.6	71.4
89	56.9	46.0	69.0

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#52

Acenaphthene

Concen: 39.534 ng

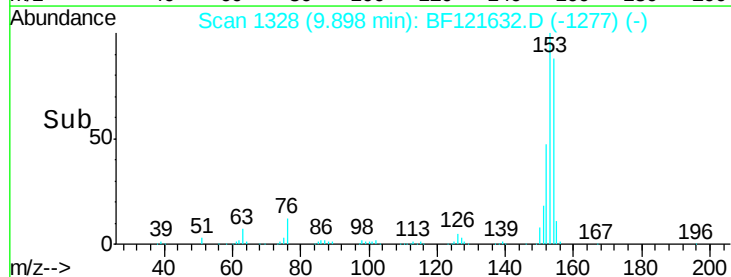
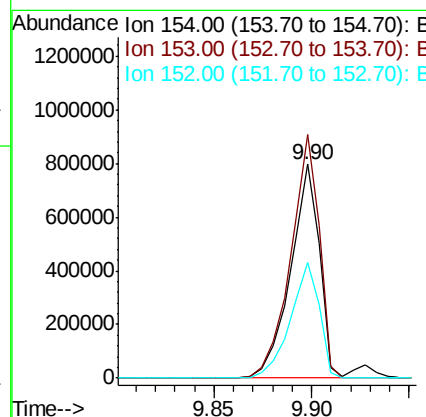
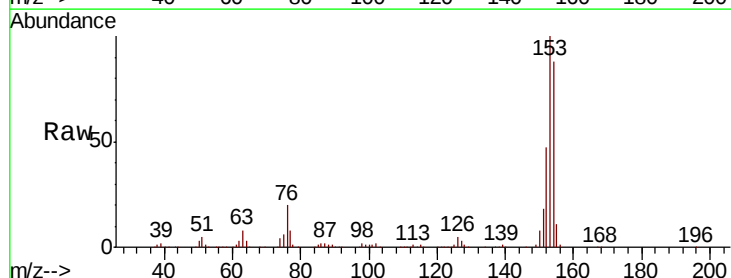
RT: 9.90 min Scan# 1328

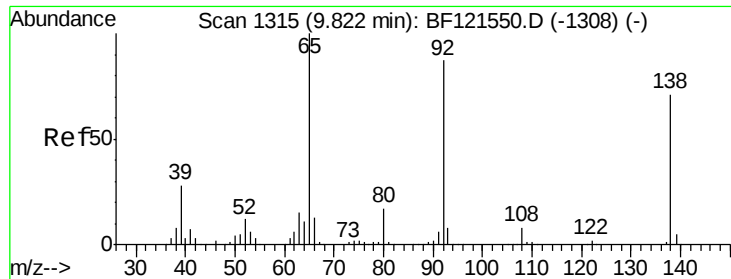
Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Tgt Ion:	154	Resp:	814021
Ion Ratio	Lower	Upper	
154	100		
153	113.9	89.9	134.9
152	53.8	43.8	65.6





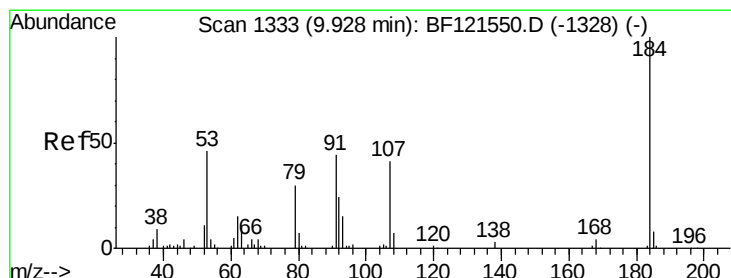
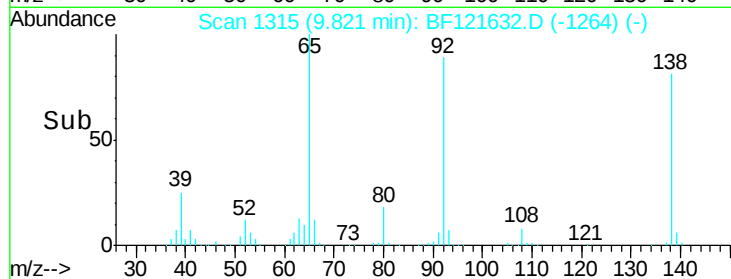
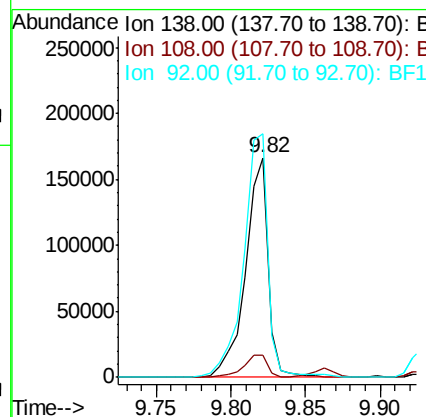
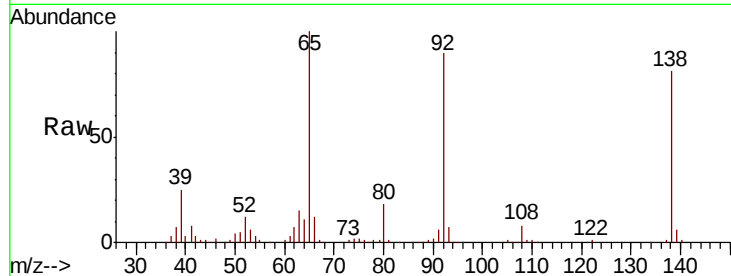
#53
3-Nitroaniline
Concen: 29.079 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.1	13.7
92	111.0	96.5	144.7

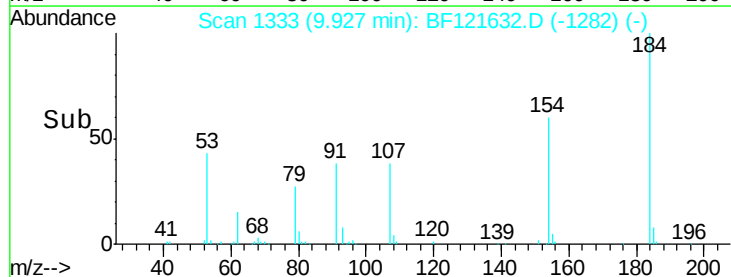
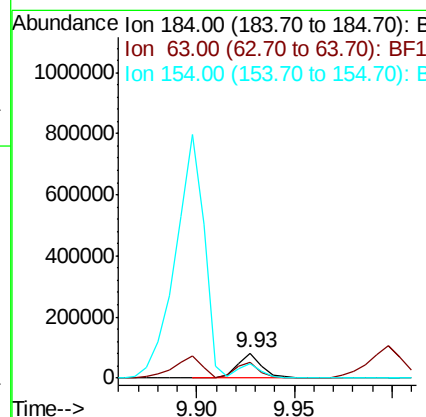
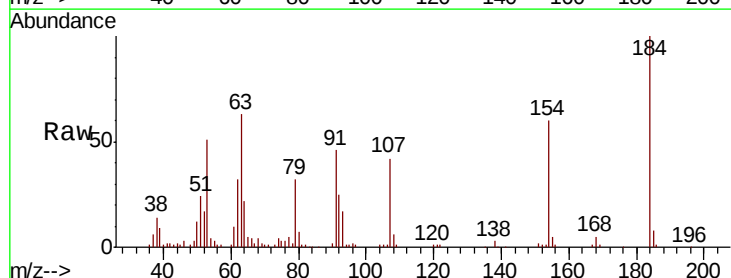
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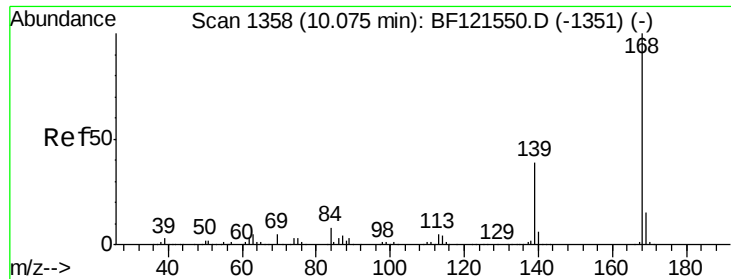
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#54
2,4-Dinitrophenol
Concen: 30.256 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.2	51.5	77.3
154	60.0	46.6	70.0





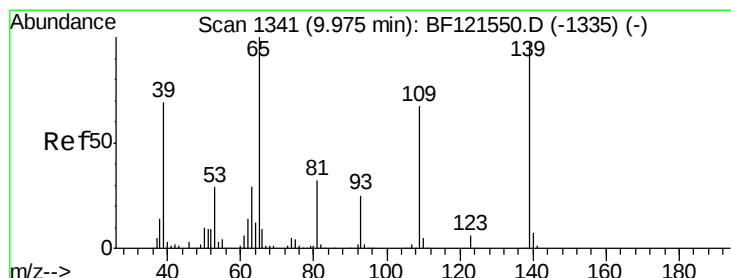
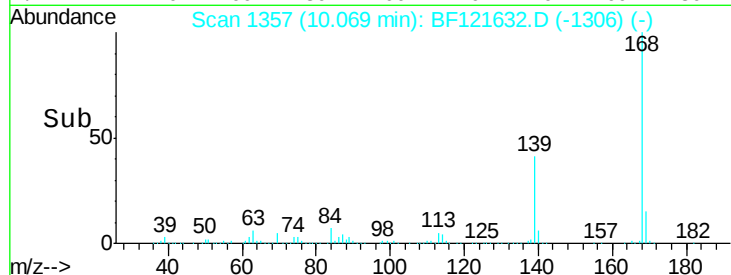
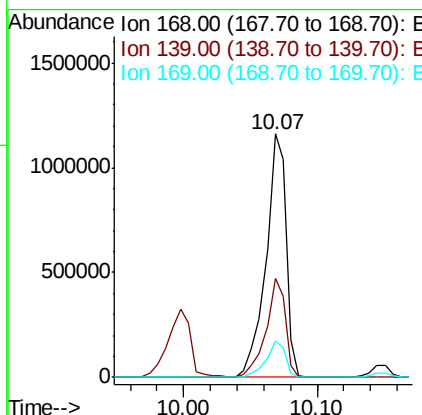
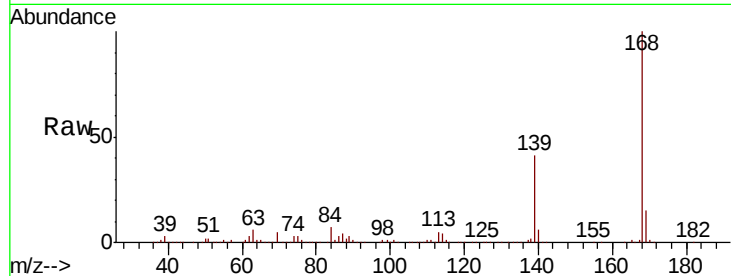
#55
Dibenzenofuran
Concen: 42.032 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	31.8	47.8
169	15.1	11.6	17.4

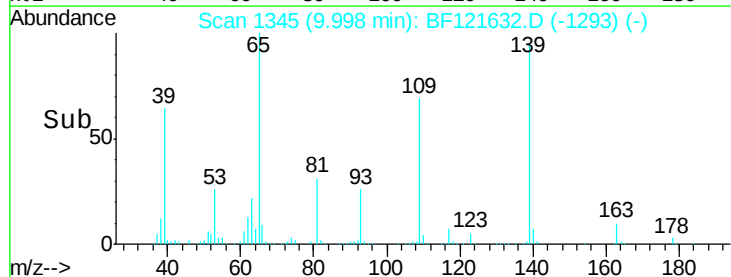
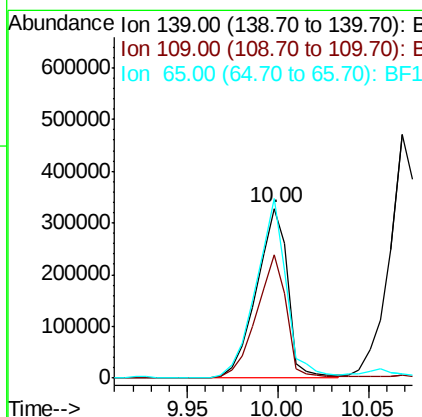
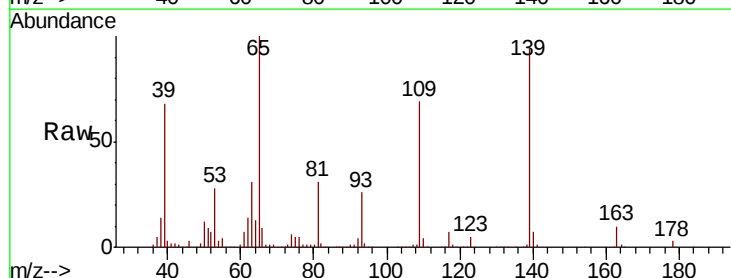
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#56
4-Nitrophenol
Concen: 81.760 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.8	48.1	88.1
65	106.2	74.7	114.7





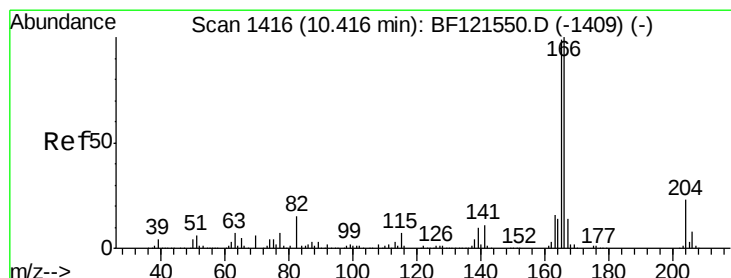
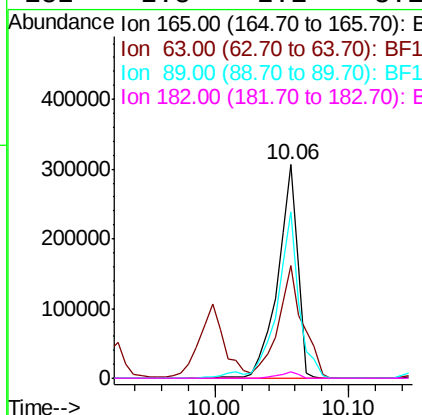
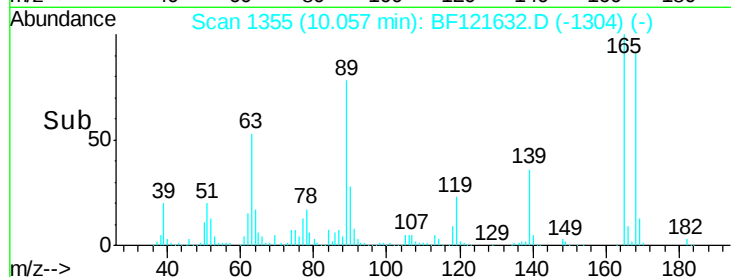
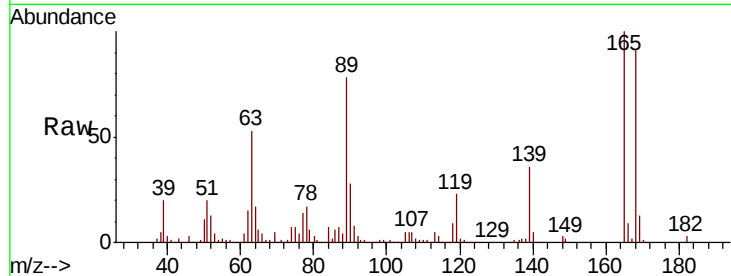
#57
2,4-Dinitrotoluene
Concen: 49.156 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		321031		
63	52.8	36.7	55.1		
89	78.0	57.7	86.5		
182	2.8	2.1	3.1		

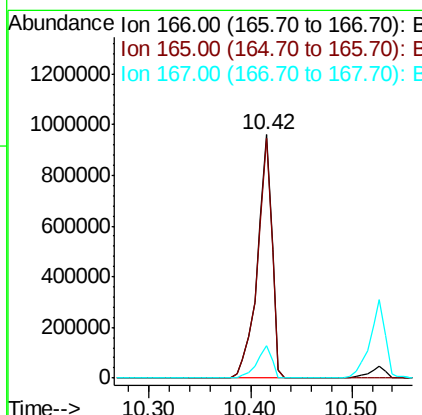
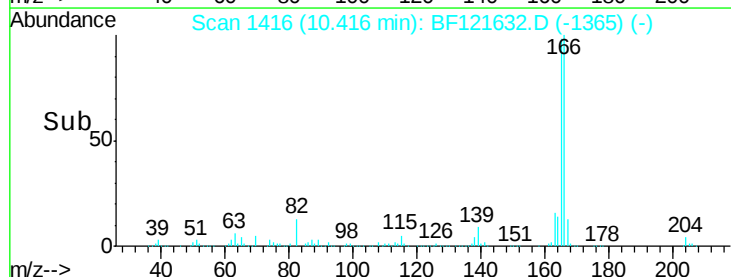
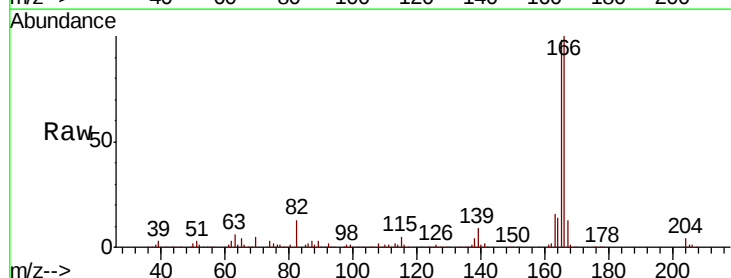
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#58
Fluorene
Concen: 42.803 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		949123		
165	98.4	80.1	120.1		
167	13.4	10.8	16.2		





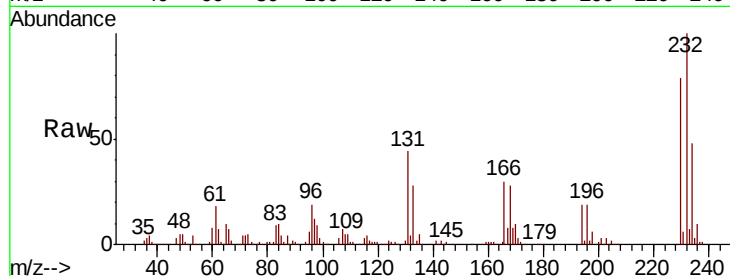
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.431 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

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

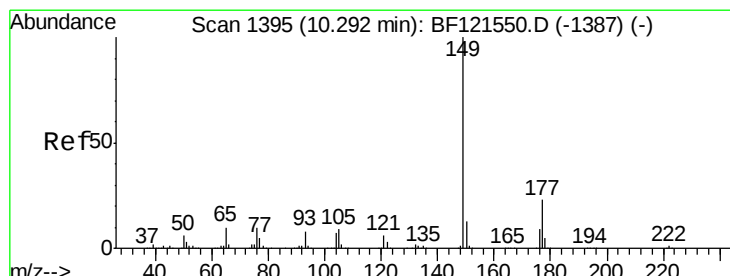
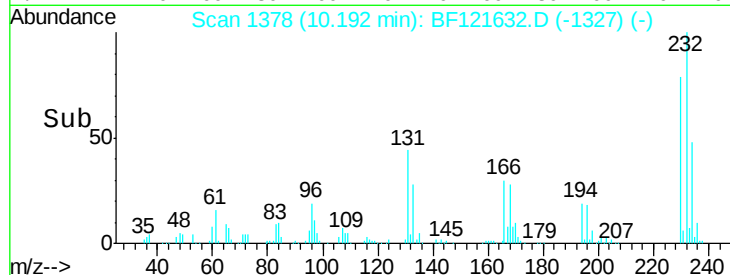
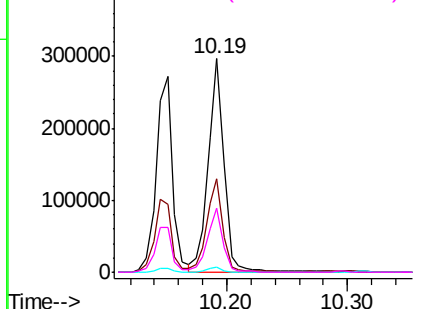
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	35.1	52.7
130	2.2	1.6	2.4
166	29.1	23.3	34.9

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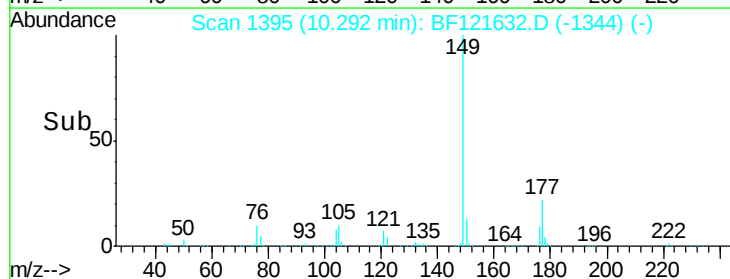
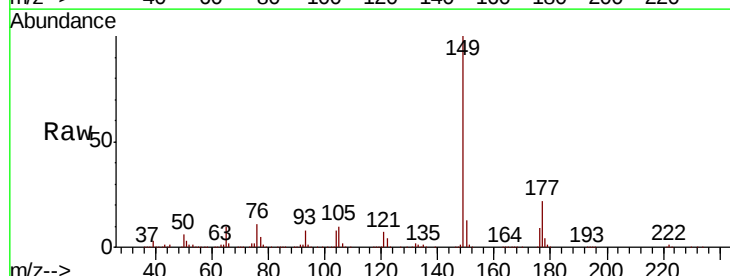
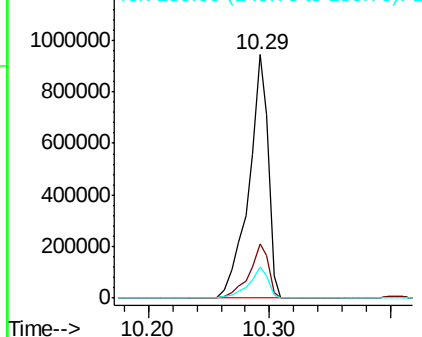
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

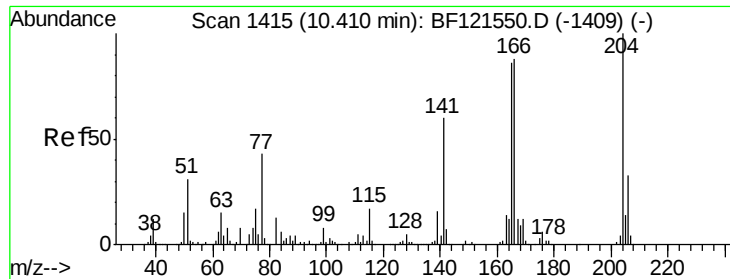


#60
 Diethylphthalate
 Concen: 44.321 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.1	27.1
150	12.8	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





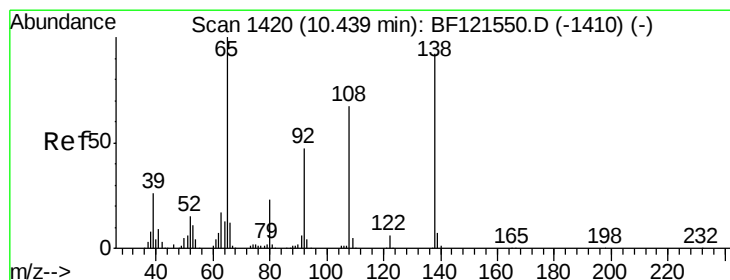
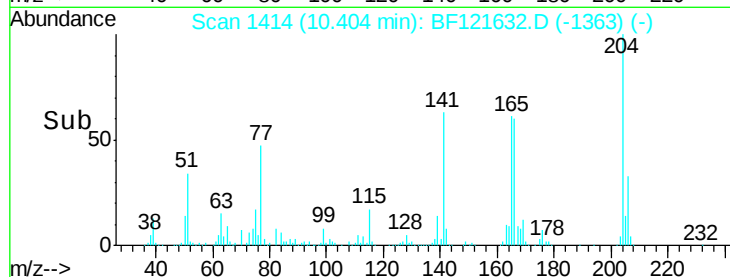
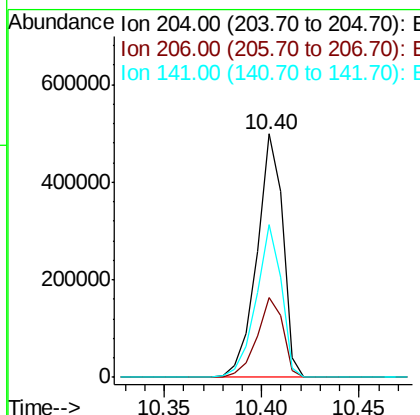
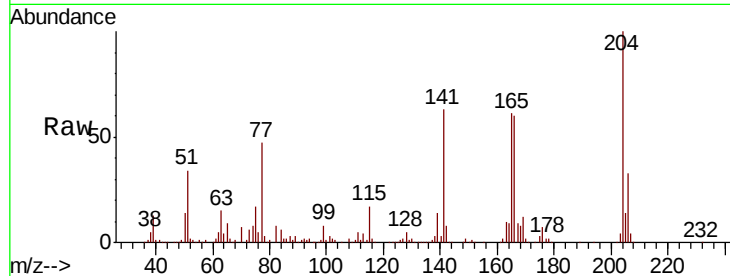
#61
 4-Chlorophenyl-phenylether
 Concen: 43.153 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

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

Tot Ion:	204	Resp:	458379
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.7	40.1
141	63.0	50.4	75.6

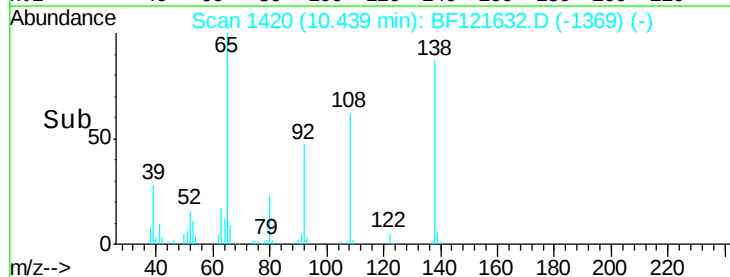
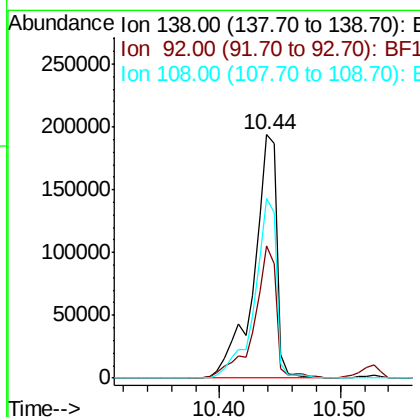
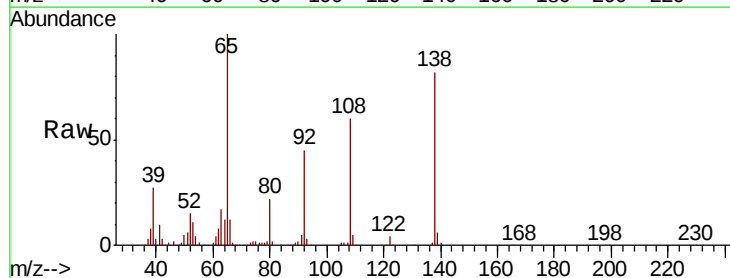
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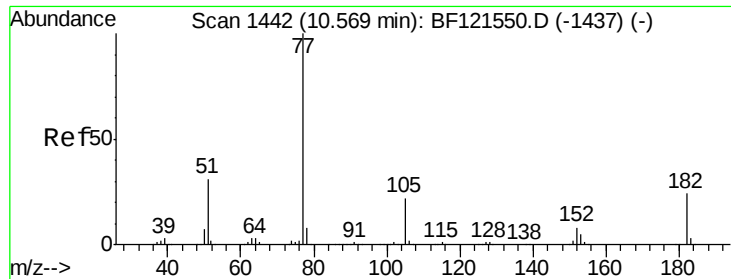
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#62
 4-Nitroaniline
 Concen: 43.422 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion:	138	Resp:	259273
Ion Ratio	Lower	Upper	
138	100		
92	54.4	34.8	74.8
108	73.8	55.5	95.5





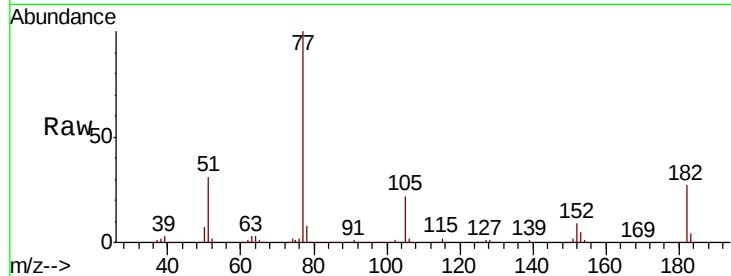
#63
Azobenzene
Concen: 41.688 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.3	6.8	46.8	
105	22.2	2.2	42.2	
51	30.9	10.7	50.7	

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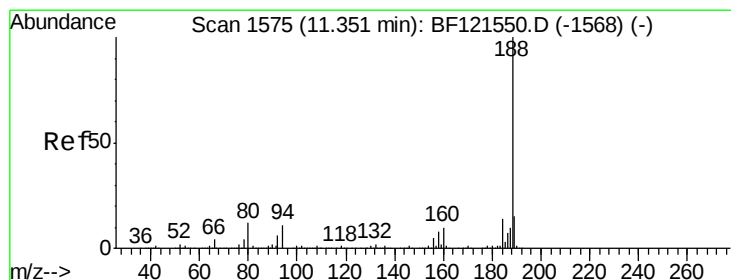
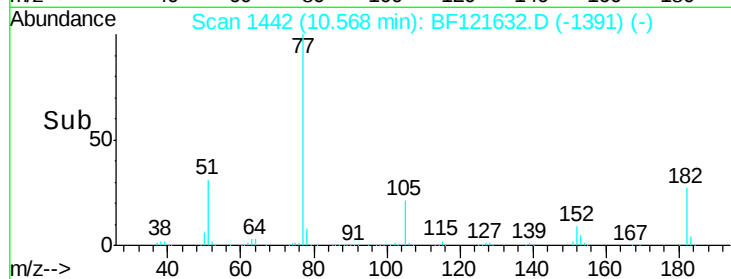
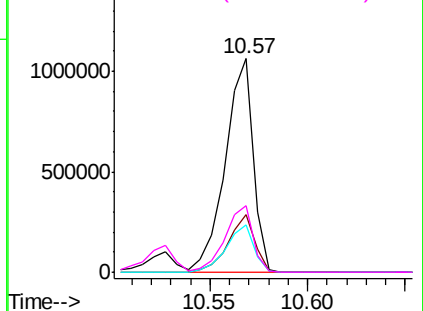


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



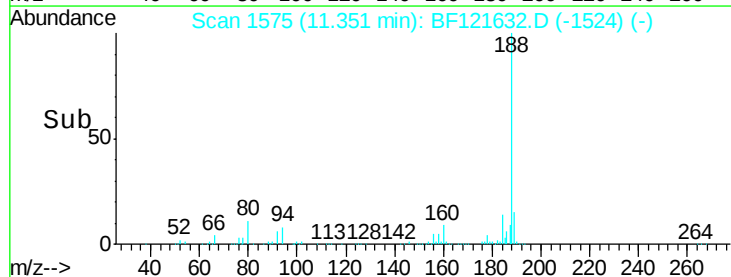
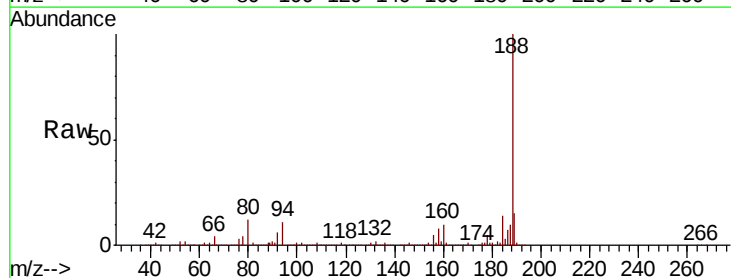
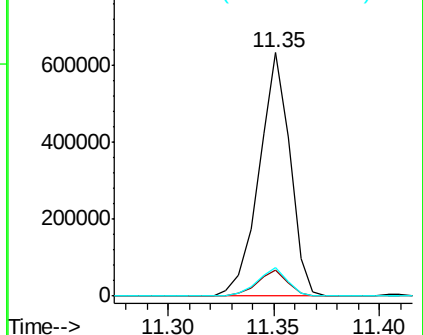
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

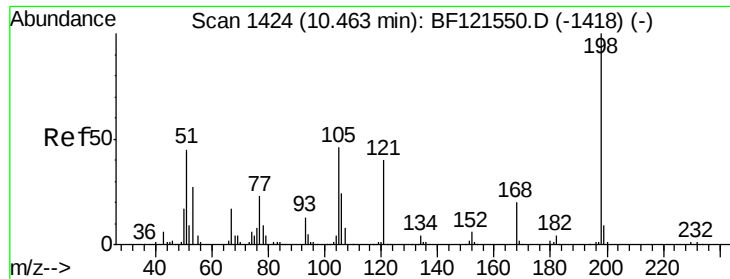
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.6	8.4	12.6	
80	11.5	9.0	13.4	

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





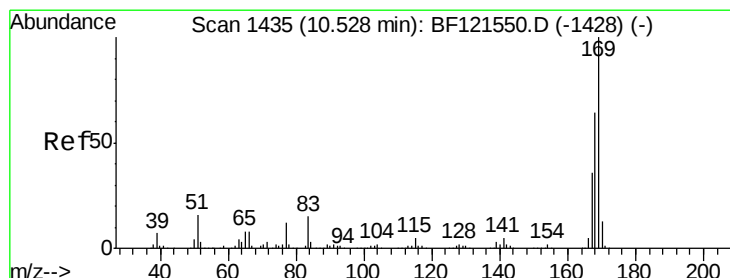
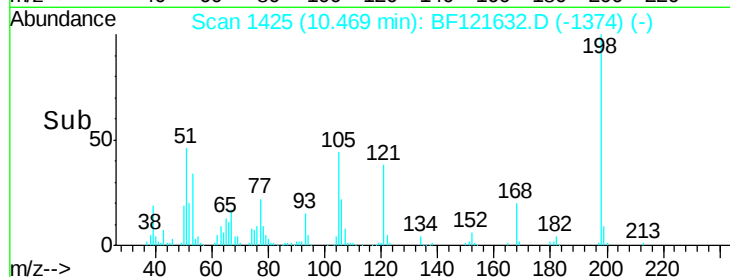
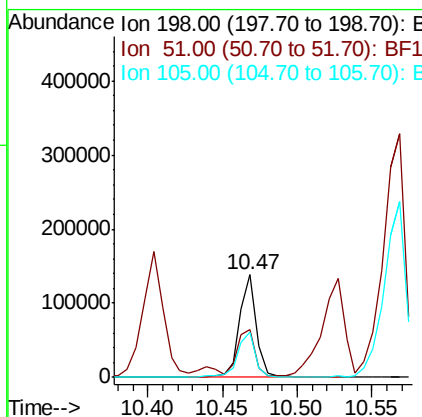
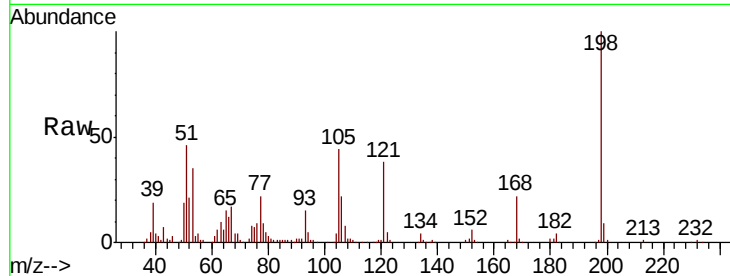
#65
4,6-Dinitro-2-methylphenol
Concen: 30.934 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.2	20.3	60.3
105	44.3	20.2	60.2

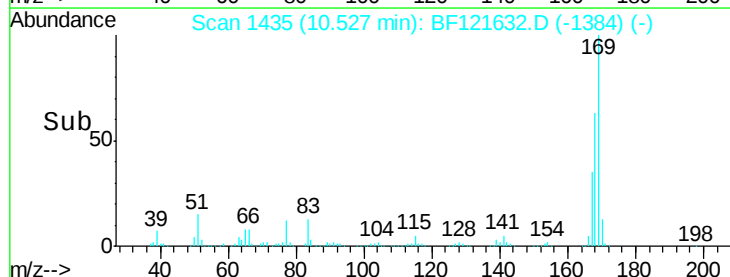
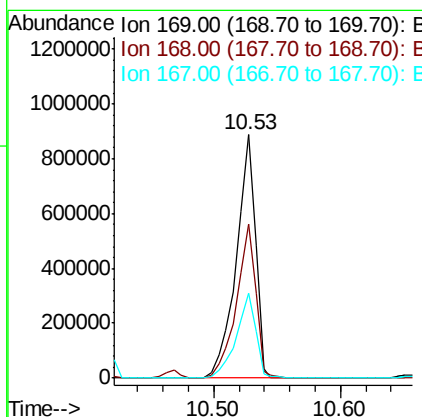
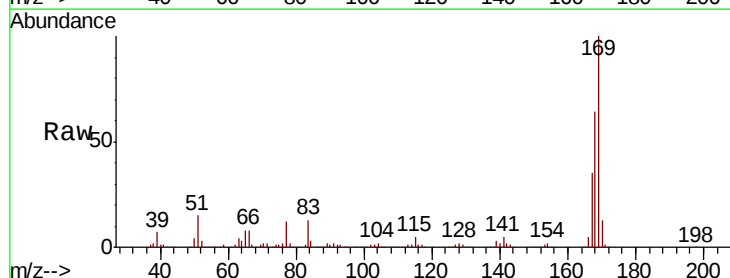
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#66
n-Nitrosodiphenylamine
Concen: 41.733 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.5	51.8	77.8
167	34.9	28.4	42.6





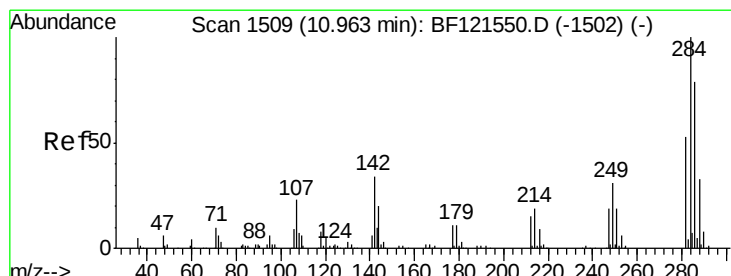
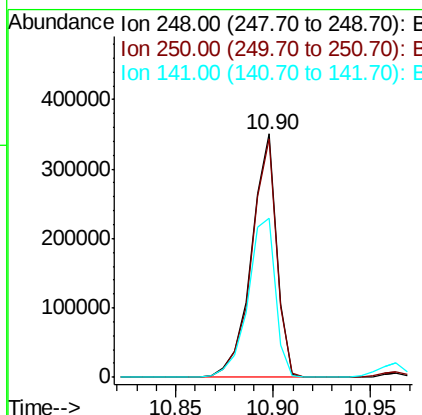
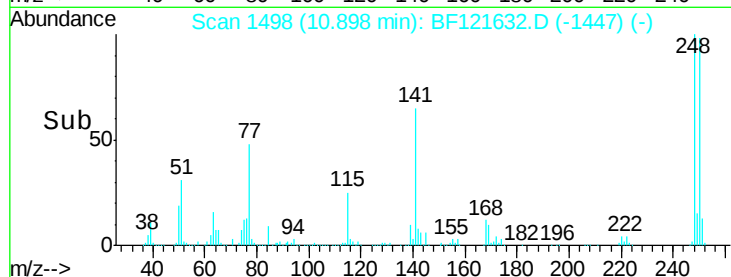
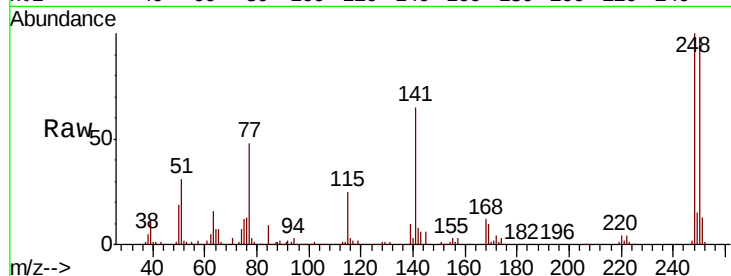
#67
4-Bromophenyl-phenylether
Concen: 42.760 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	79.4	119.0
141	65.3	52.2	78.4

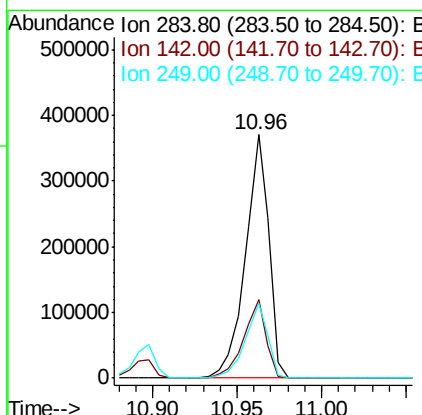
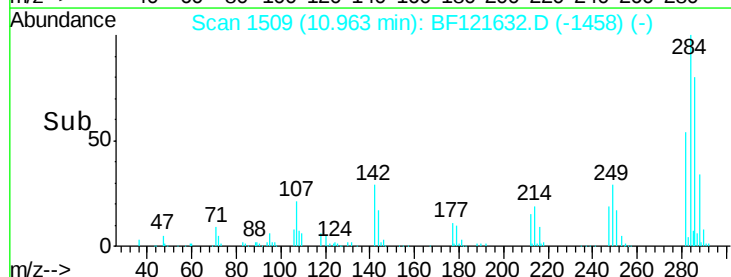
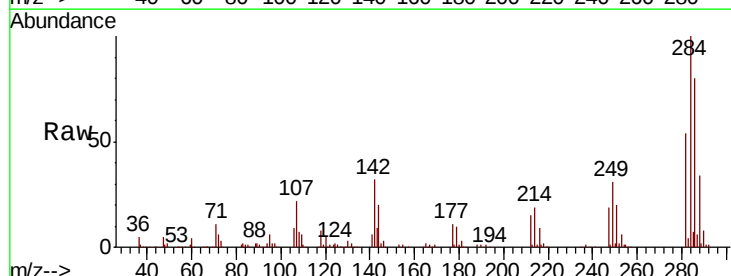
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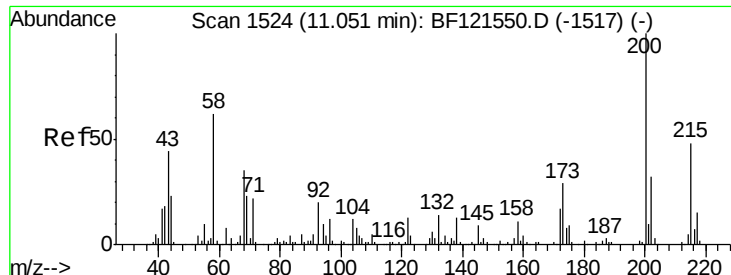
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#68
Hexachlorobenzene
Concen: 43.280 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	24.0	36.0
249	30.7	23.9	35.9





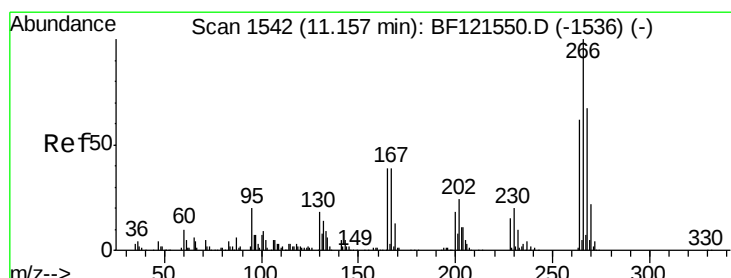
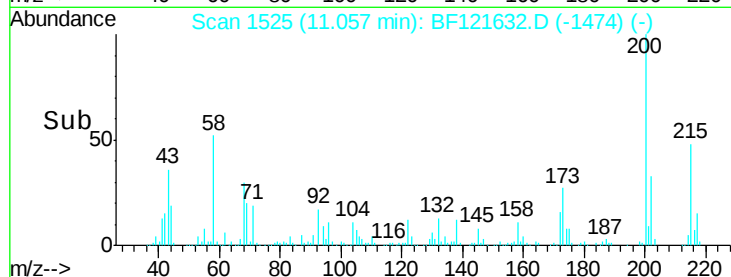
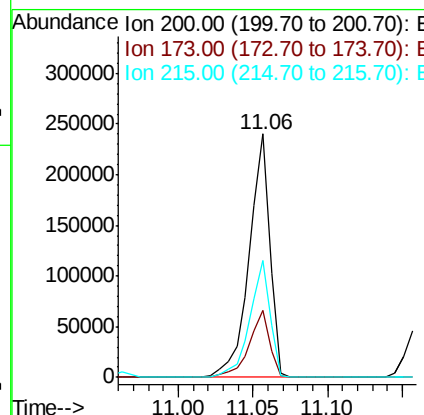
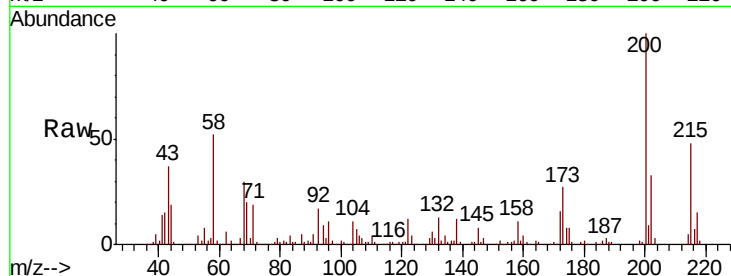
#69
Atrazine
Concen: 41.976 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	6.0	46.0
215	48.1	28.4	68.4

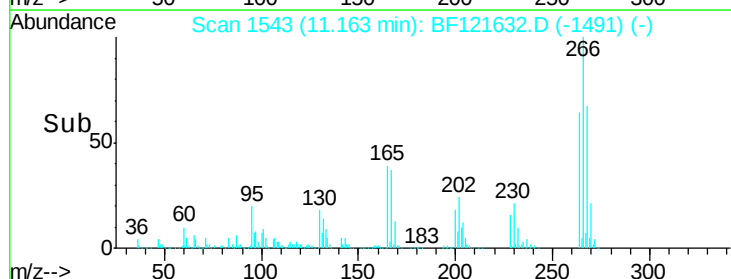
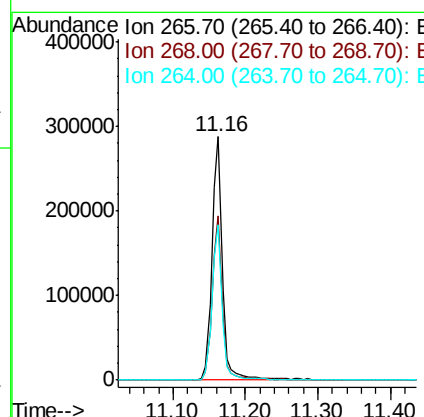
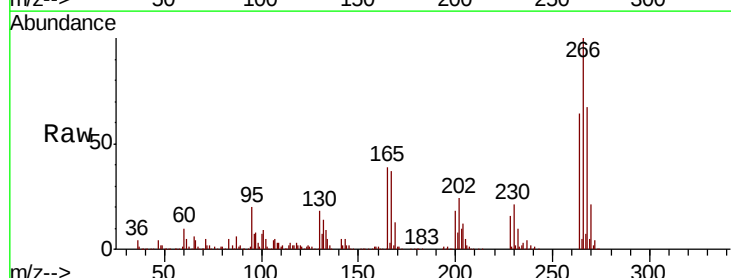
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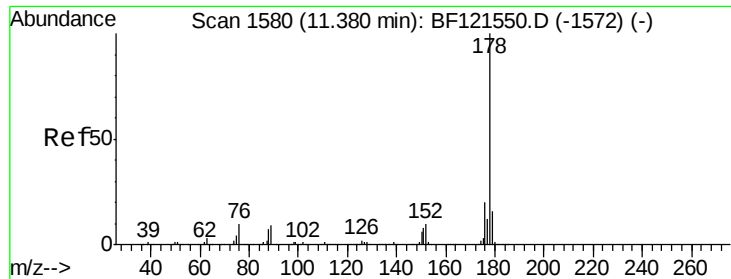
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#70
Pentachlorophenol
Concen: 63.917 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.4	54.6	81.8
264	63.7	51.1	76.7





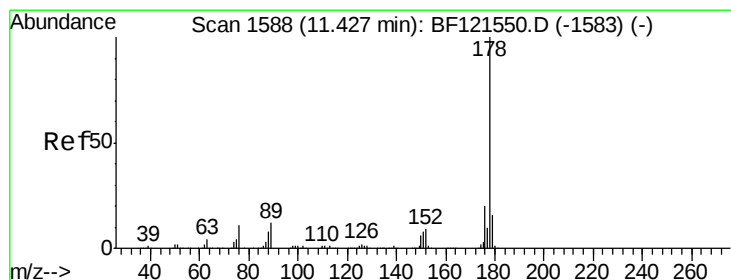
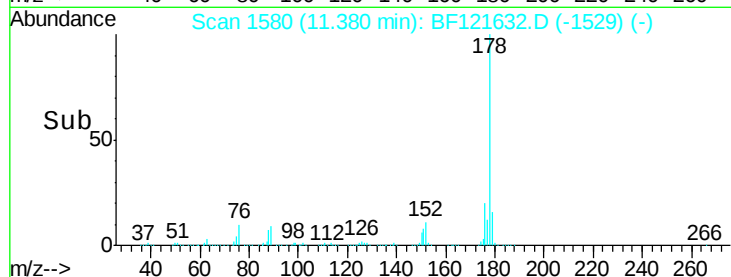
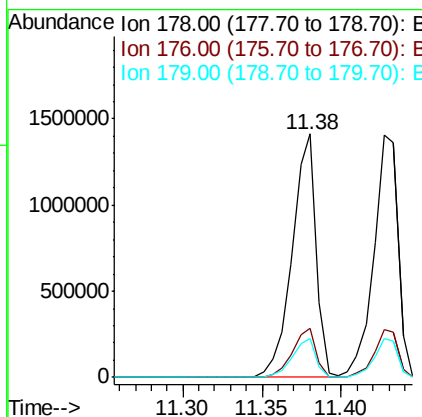
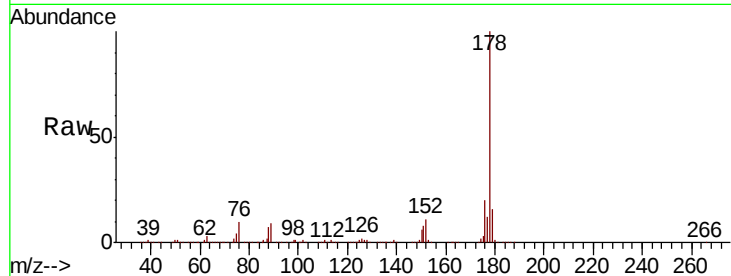
#71
Phenanthrene
Concen: 42.016 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion:178 Resp: 1473780
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 15.9 12.6 18.8

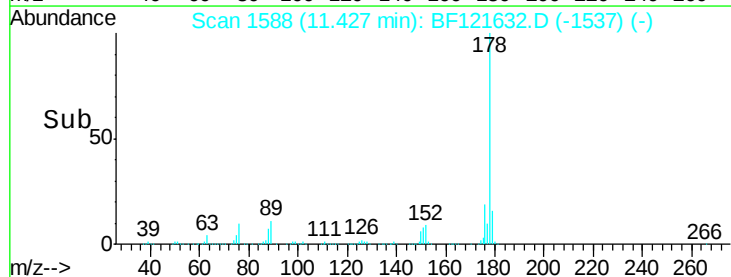
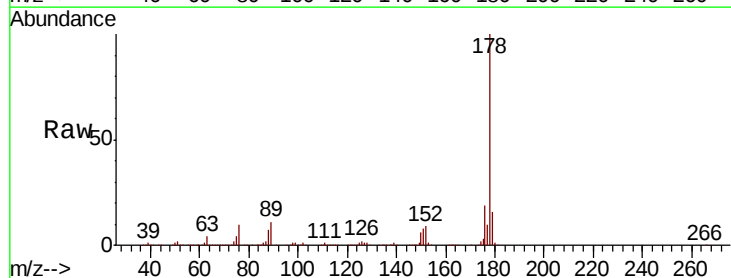
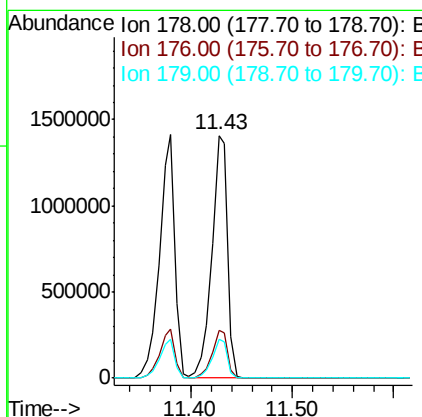
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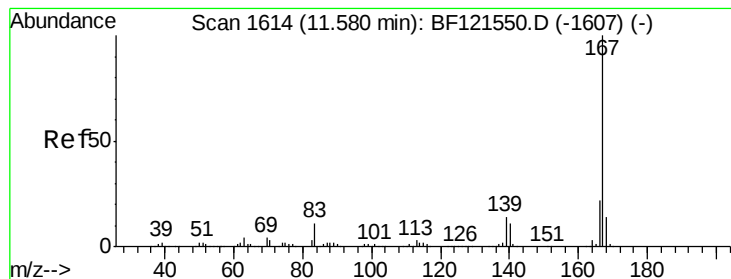
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#72
Anthracene
Concen: 41.785 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion:178 Resp: 1512509
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.0 12.6 19.0





#73

Carbazole

Concen: 41.985 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19MS

Tot Ion:167 Resp: 1371433

Ion Ratio Lower Upper

167 100

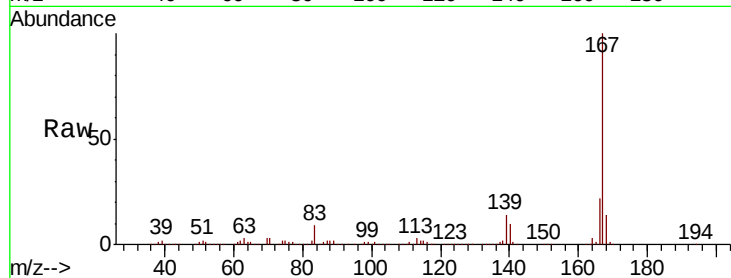
166 22.4 17.8 26.6

139 14.0 10.9 16.3

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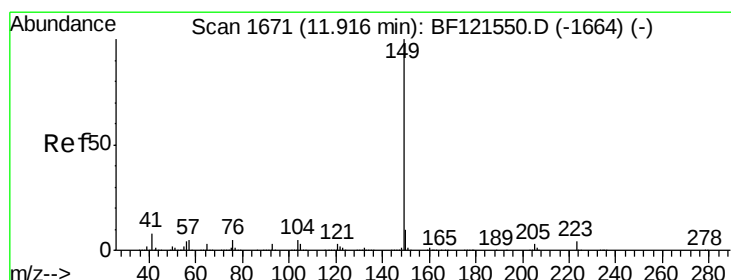
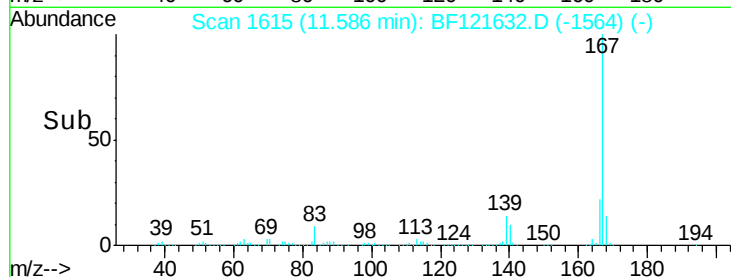
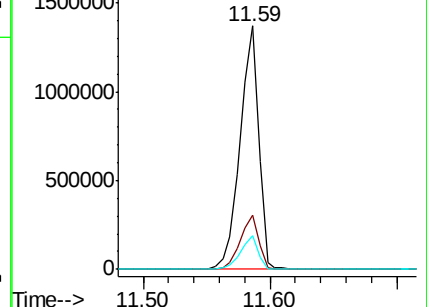
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.749 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

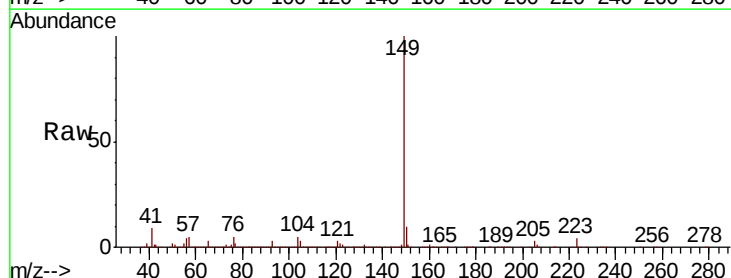
Tgt Ion:149 Resp: 1573976

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

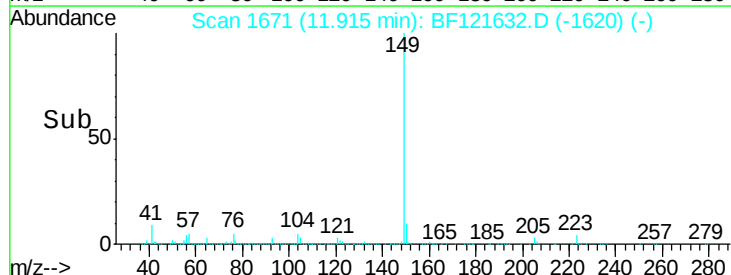
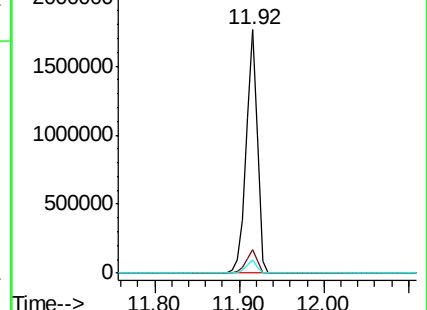
104 5.4 4.2 6.2

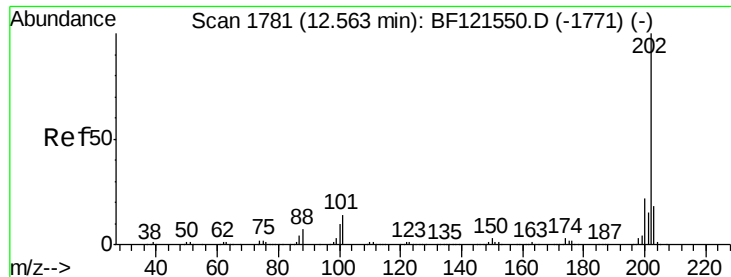


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.659 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

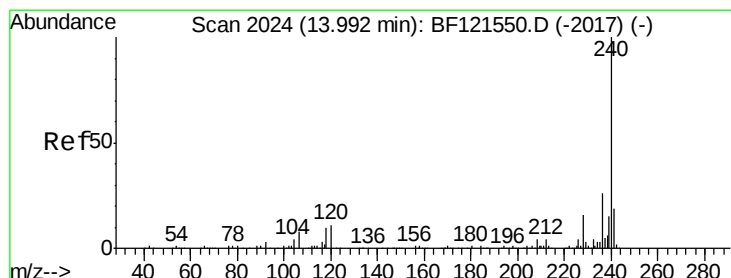
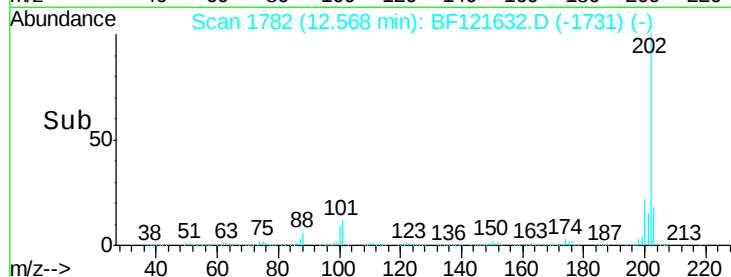
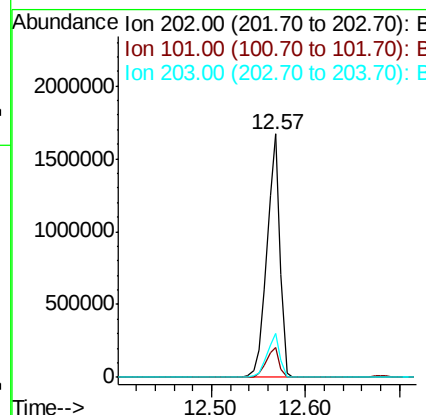
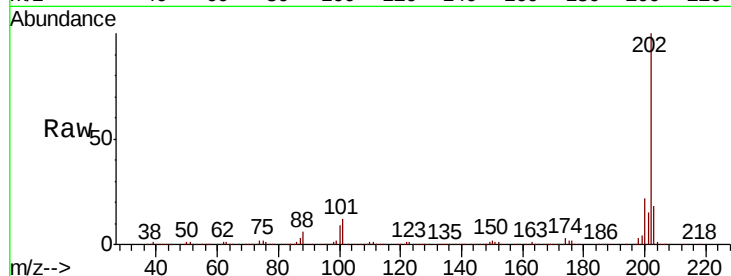
ClientSampleId :

PAV-B33-091720-10-19MS

Tot Ion:	202	Resp:	1597337
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.9
203	18.1	0.0	37.8

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#76

Chrysene-d12

Concen: 20.000 ng

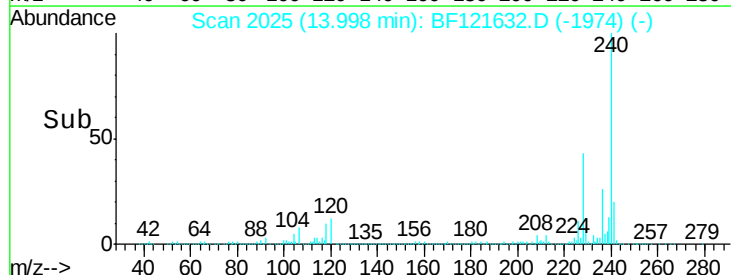
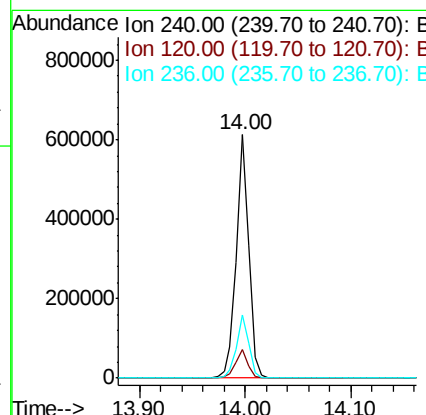
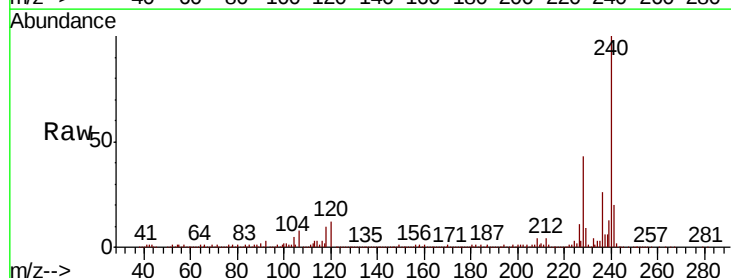
RT: 14.00 min Scan# 2025

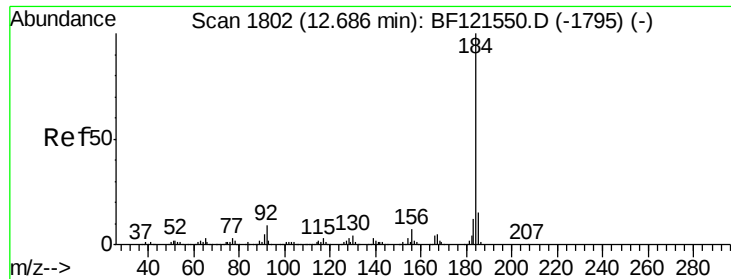
Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Tgt Ion:	240	Resp:	494996
Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	25.8	20.4	30.6





#77

Benzidine

Concen: 23.506 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

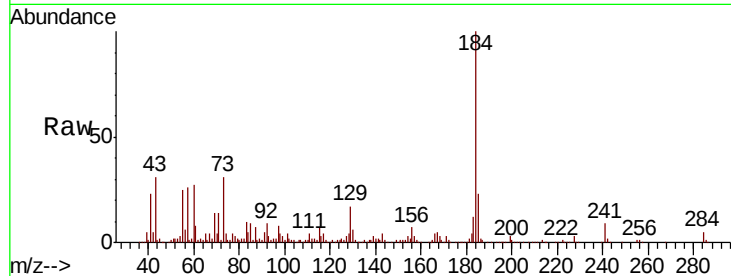
ClientSampleId :

PAV-B33-091720-10-19MS

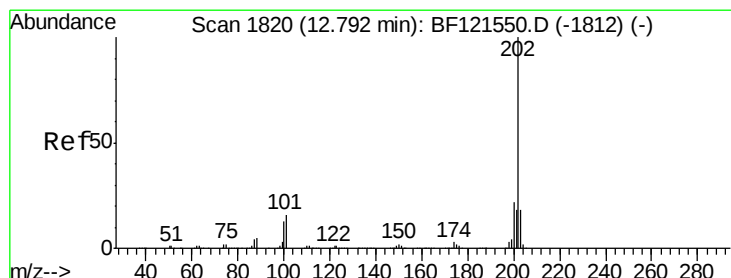
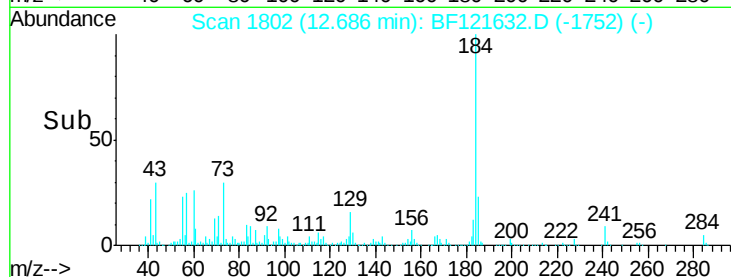
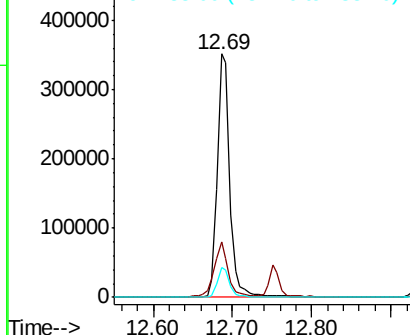
Tot Ion:	184	Resp:	385738
Ion Ratio		Lower	Upper
184	100		
185	22.9	11.5	17.3#
183	12.1	9.6	14.4

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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: 44.558 ng

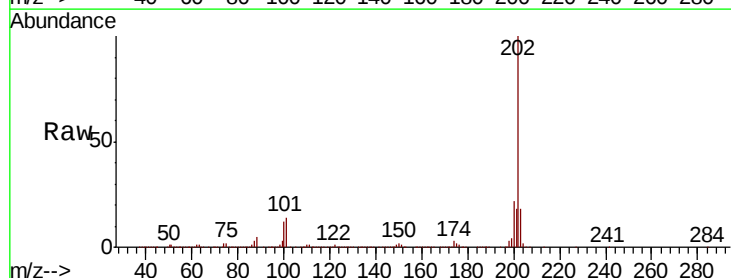
RT: 12.80 min Scan# 1821

Delta R.T. -0.00 min

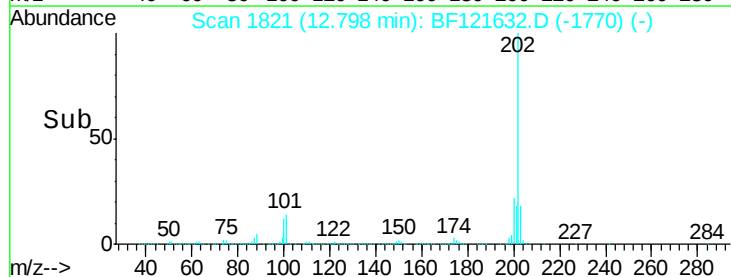
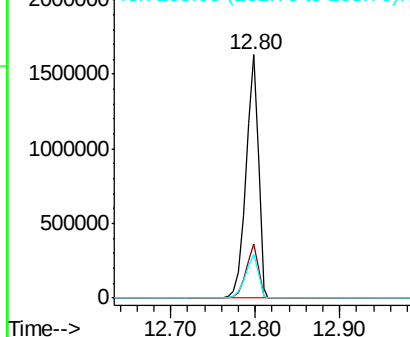
Lab File: BF121632.D

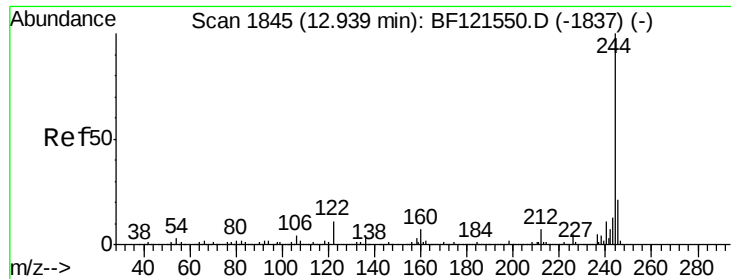
Acq: 21 Sep 2020 18:06

Tgt Ion:	202	Resp:	1611495
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





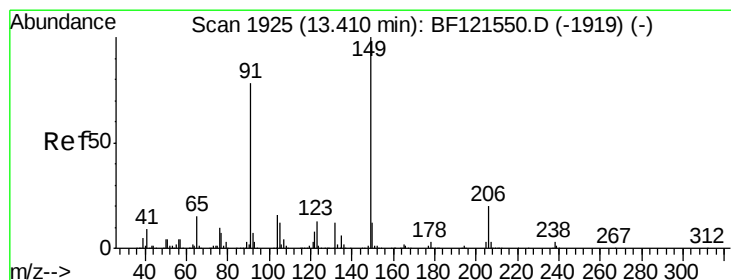
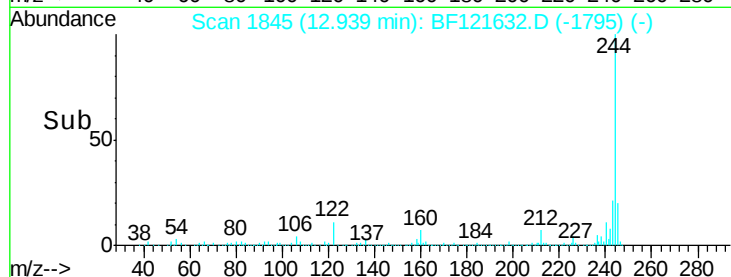
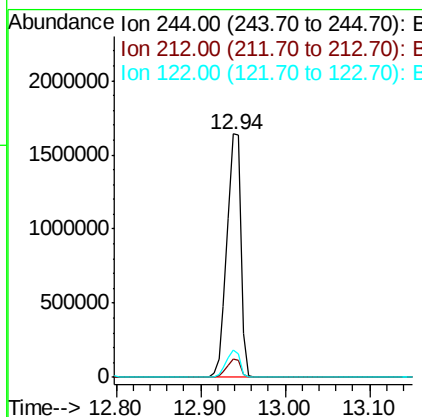
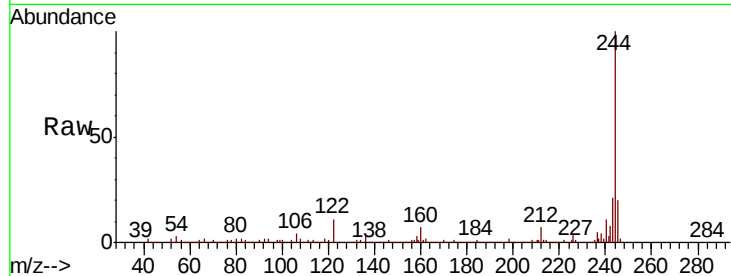
#79
 Terphenyl-d14
 Concen: 76.816 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

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

Tot Ion:244 Resp: 1876878
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.1 7.4 11.0#

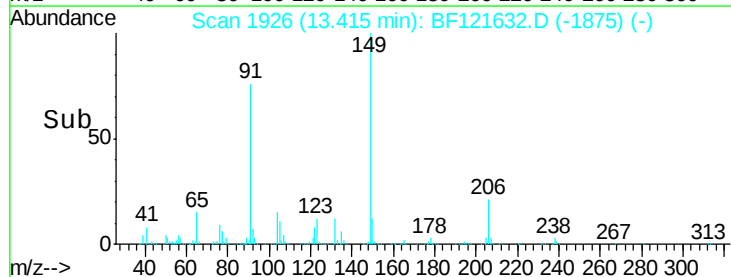
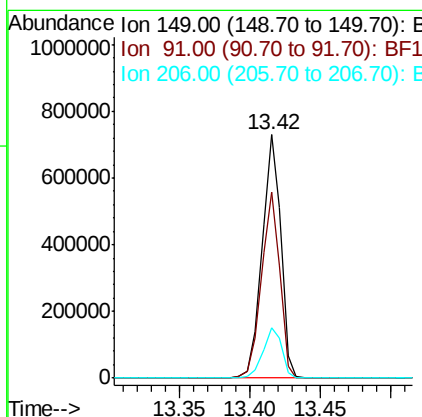
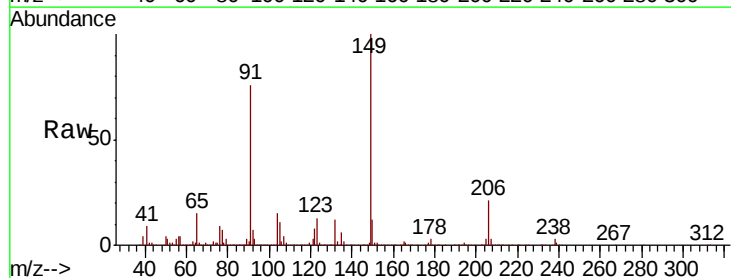
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#80
 Butylbenzylphthalate
 Concen: 46.714 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion:149 Resp: 683268
 Ion Ratio Lower Upper
 149 100
 91 76.5 61.0 91.4
 206 20.9 16.6 25.0





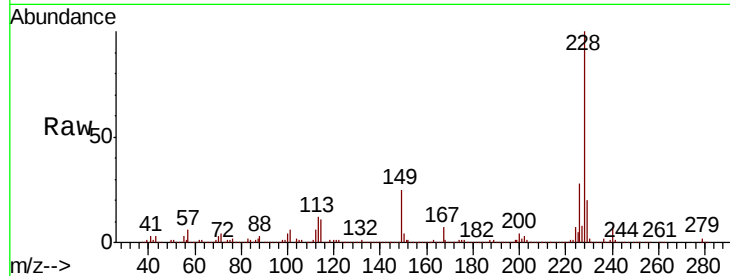
#81
Benzo(a)anthracene
Concen: 42.655 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

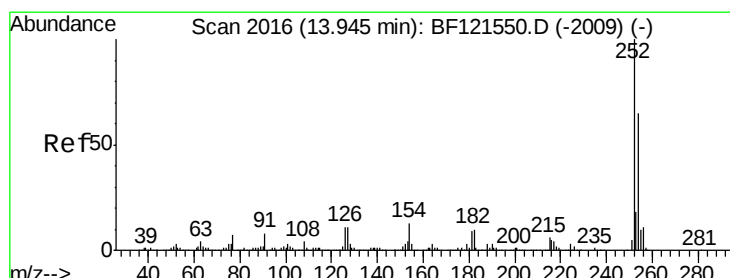
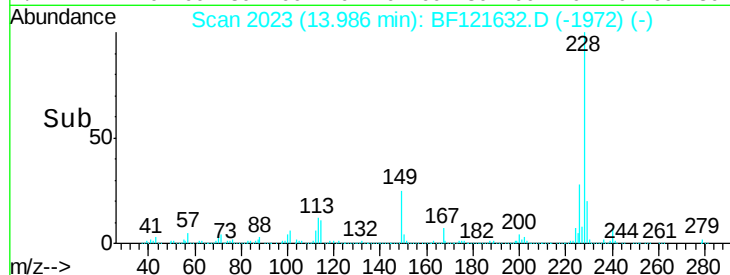
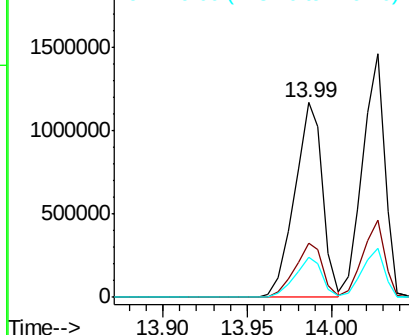
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.5	16.2	24.2

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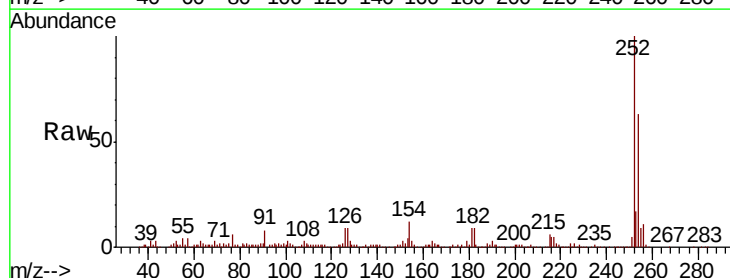


Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

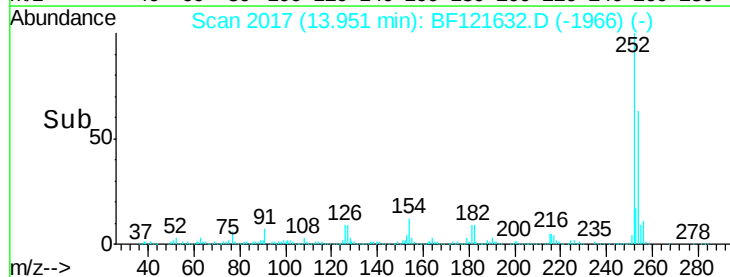
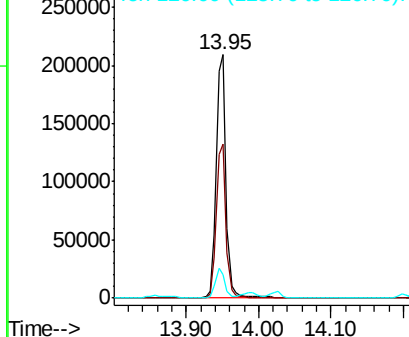


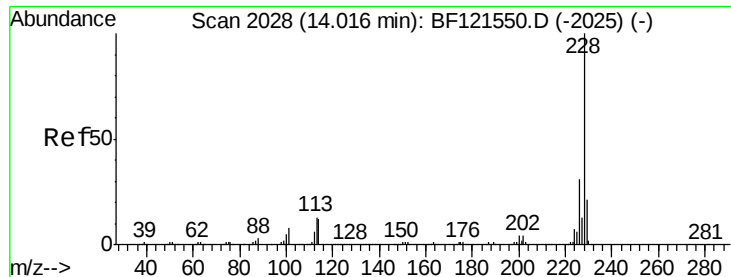
#82
3,3'-Dichlorobenzidine
Concen: 16.263 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.0	76.4
126	9.4	8.6	13.0



Abundance Ion 252.00 (251.70 to 252.70): E
250000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





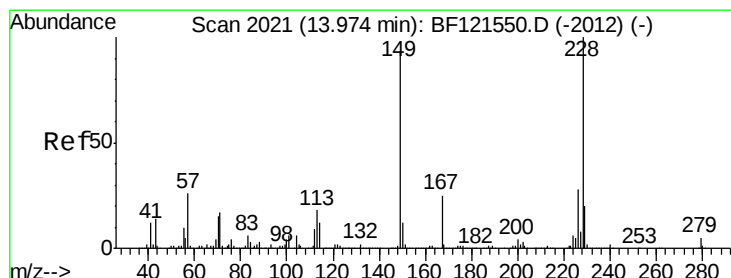
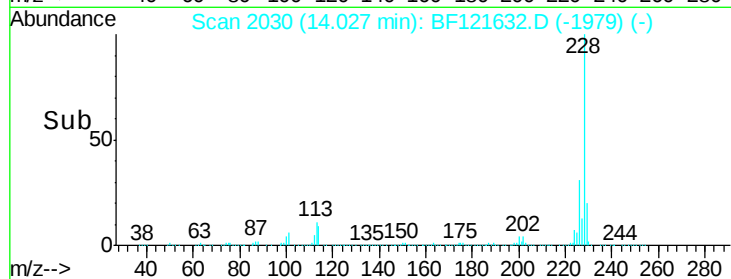
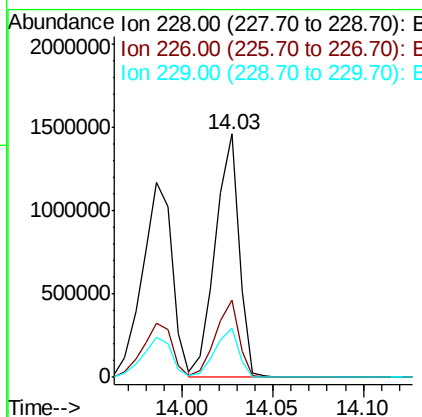
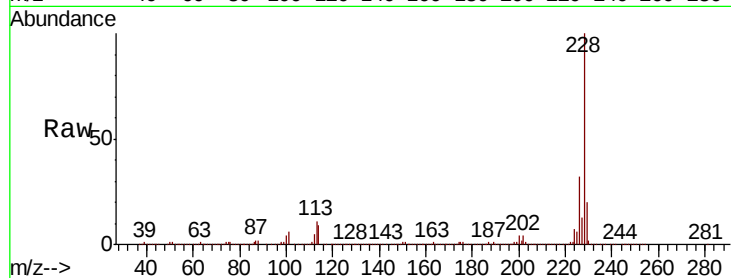
#83
 Chrvsene
 Concen: 42.007 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.4
229	20.3	16.0	24.0

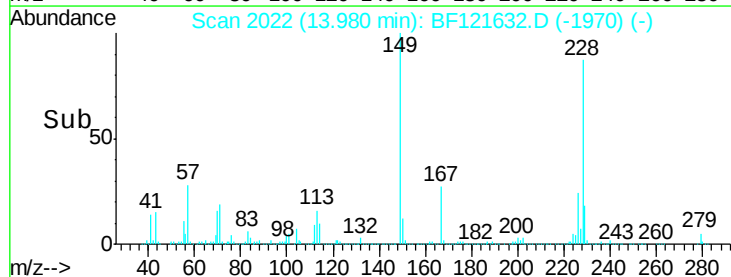
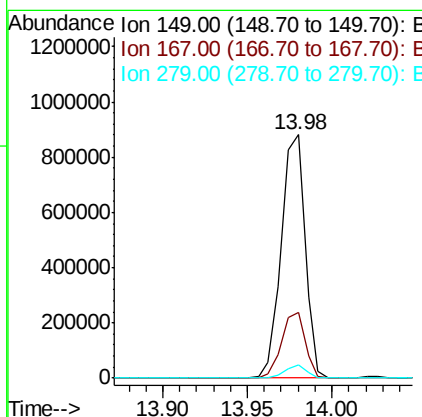
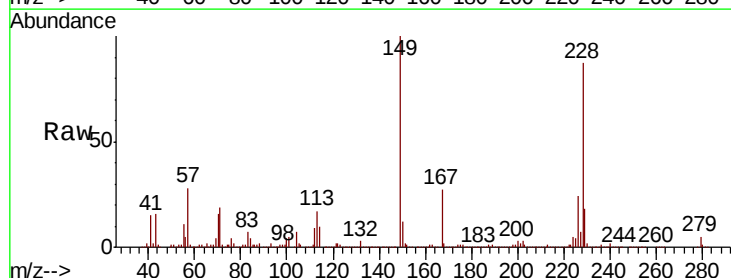
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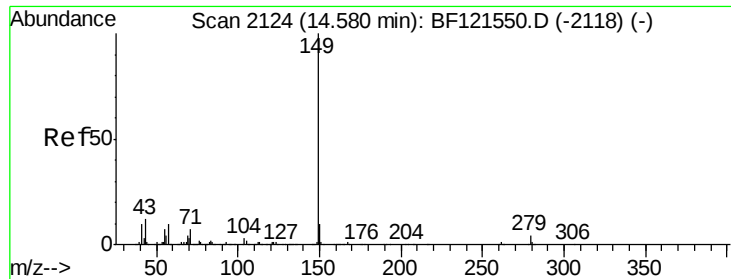
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.734 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	5.2	3.4	5.0#





#85

Di-n-octyl phthalate

Concen: 42.585 ng

RT: 14.59 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BF121632.D

Acq: 21 Sep 2020 18:06

Instrument :

BNA_F

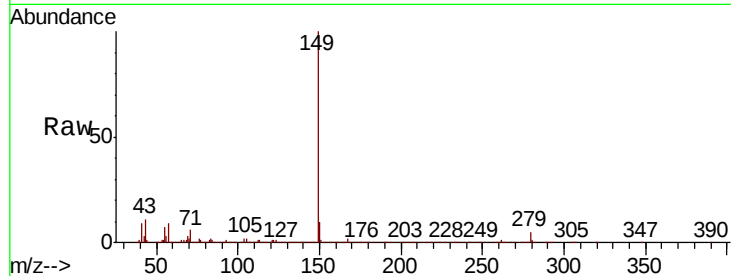
ClientSampleId :

PAV-B33-091720-10-19MS

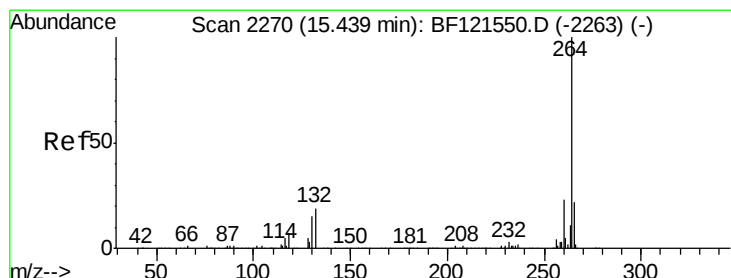
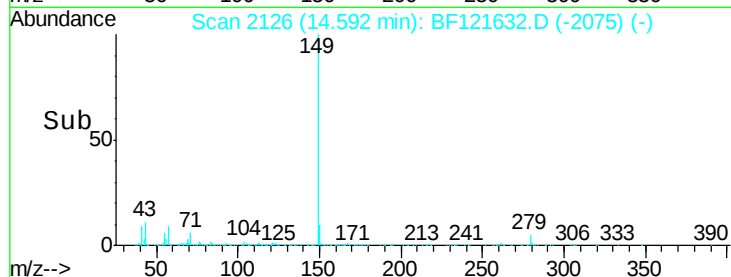
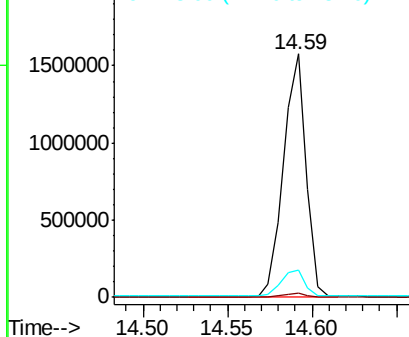
Tot Ion:	149	Resp:	1468501
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	9.0	13.4

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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

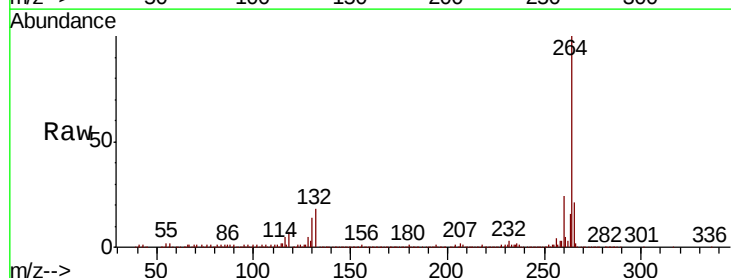
RT: 15.46 min Scan# 2273

Delta R.T. -0.00 min

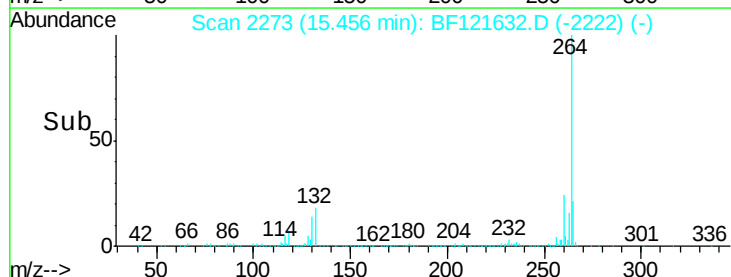
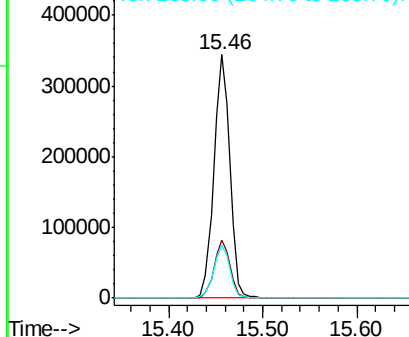
Lab File: BF121632.D

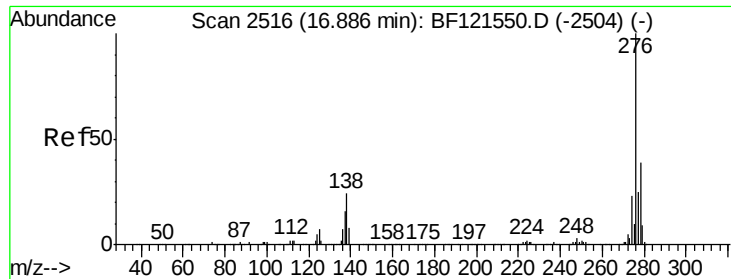
Acq: 21 Sep 2020 18:06

Tgt Ion:	264	Resp:	414274
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.5	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





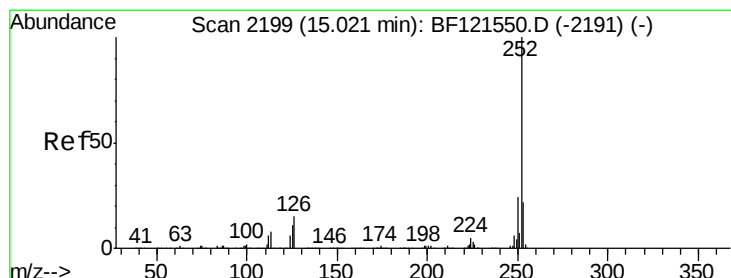
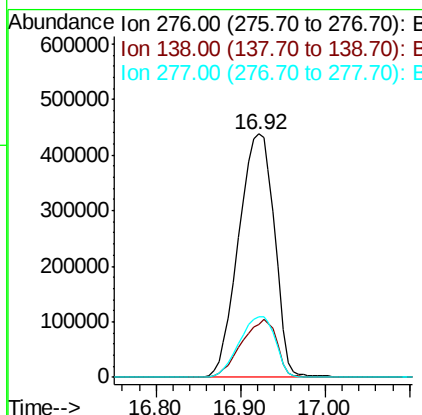
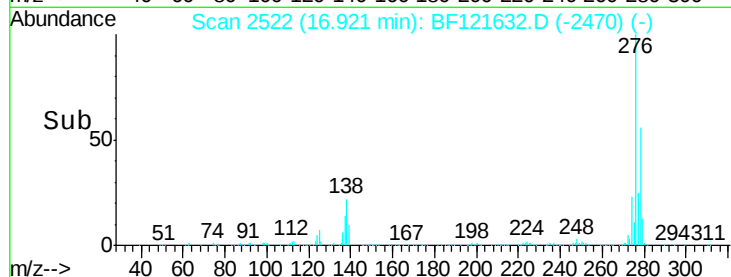
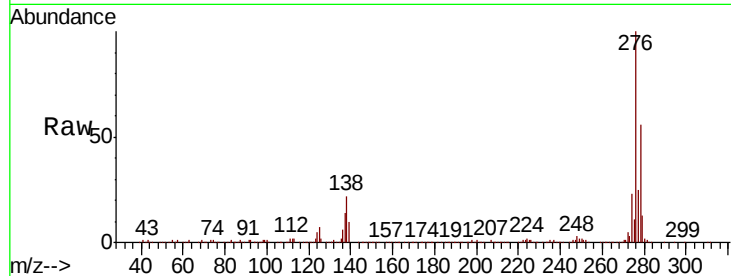
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.925 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

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

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

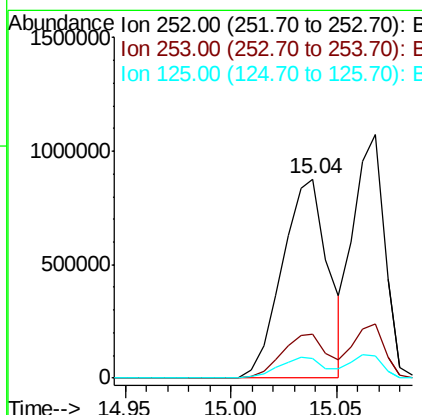
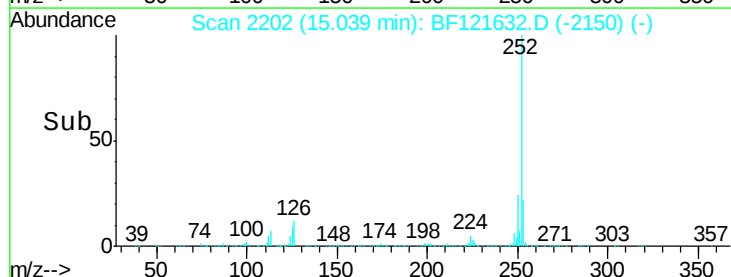
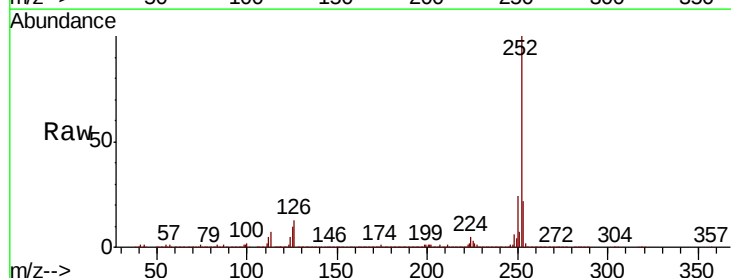
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#88
 Benzo(b)fluoranthene
 Concen: 48.030 ng
 RT: 15.04 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: BF121632.D
 Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	9.6	8.5	12.7





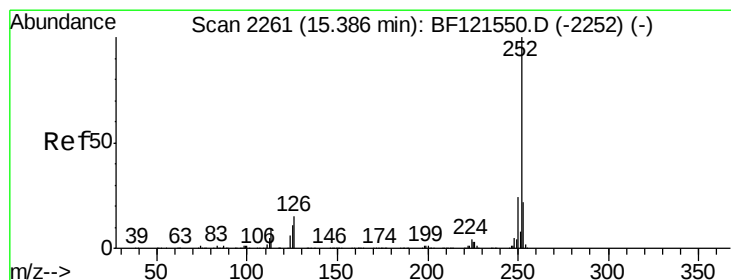
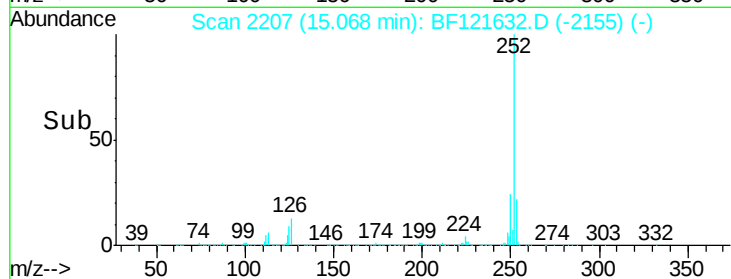
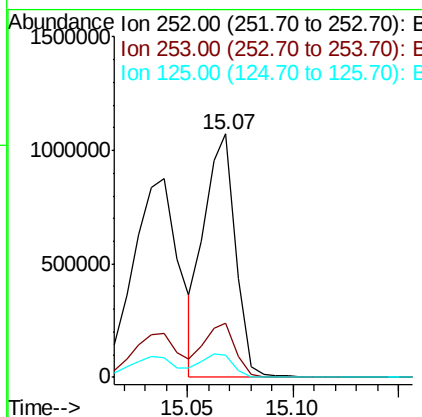
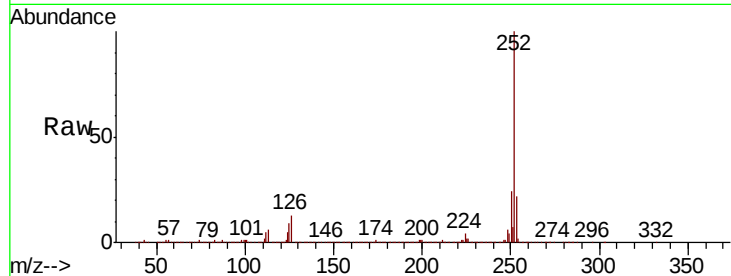
#89
Benzo(k)fluoranthene
Concen: 43.445 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.3	8.4	12.6

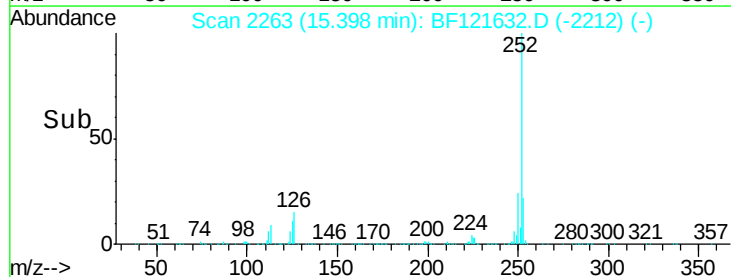
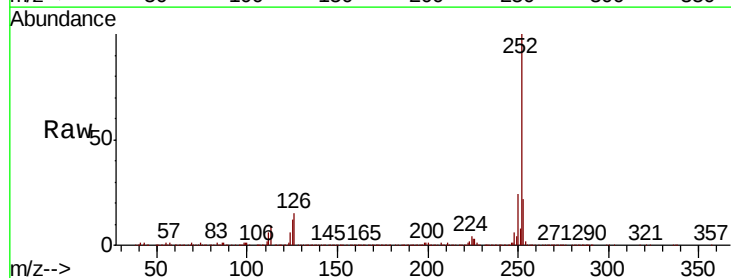
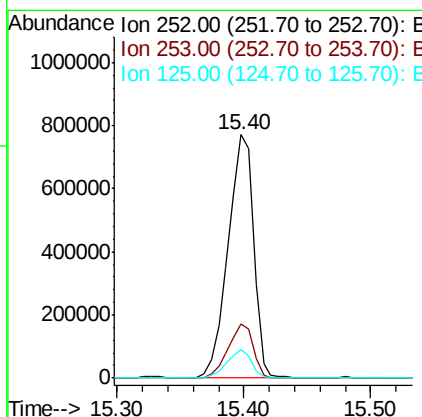
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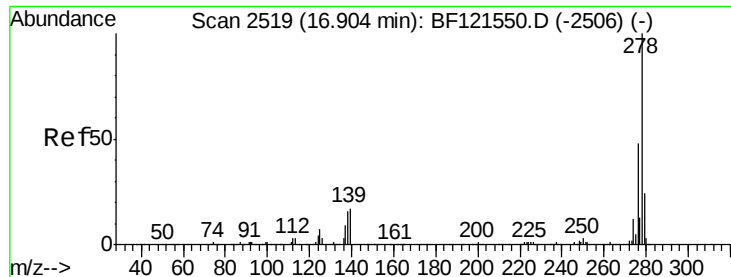
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#90
Benzo(a)pyrene
Concen: 45.525 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.5	9.1	13.7





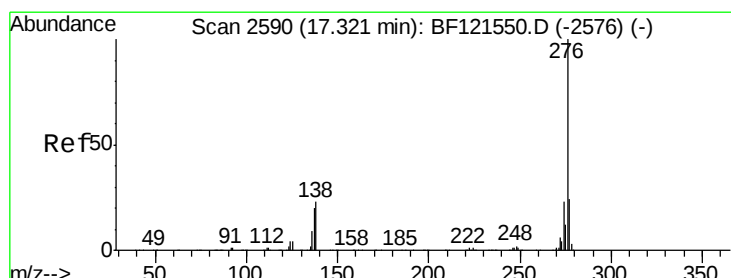
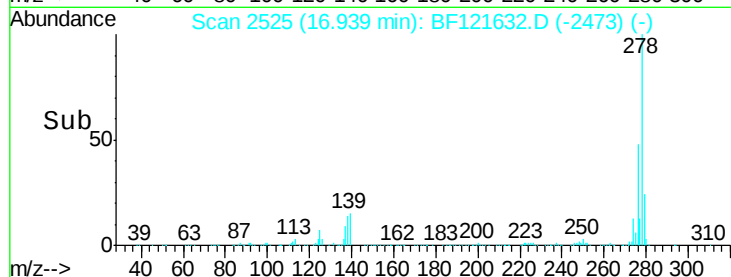
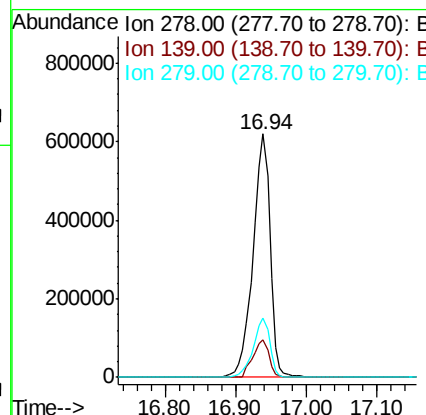
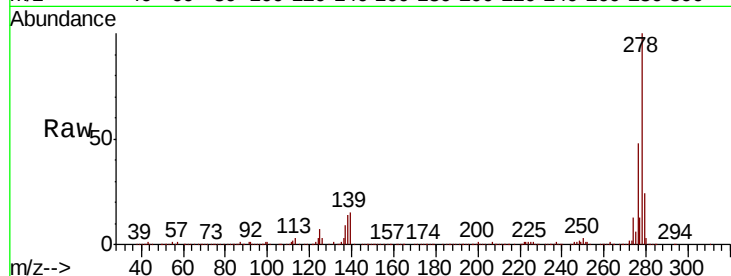
#91
Dibenzo(a,h)anthracene
Concen: 46.759 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.0	18.0
279	24.2	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/22/2020 10:08:53 AM



#92
Benzo(g,h,i)perylene
Concen: 49.316 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.01 min
Lab File: BF121632.D
Acq: 21 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	21.1	16.9	25.3

