

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121755.D
 Acq On : 30 Sep 2020 23:39
 Operator : JU/CG
 Sample : L4190-13MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

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Quant Time: Oct 01 01:23:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	157040	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	612455	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	317542	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	559025	20.00	ng	0.00
76) Chrysene-d12	13.94	240	355435	20.00	ng	0.00
86) Perylene-d12	15.37	264	341280	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	972135	92.00	ng	0.00
7) Phenol-d6	6.42	99	1285961	92.76	ng	0.00
23) Nitrobenzene-d5	7.35	82	897285	78.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	396461	100.46	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	1567029	74.74	ng	-0.01
79) Terphenyl-d14	12.89	244	1437119	81.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	178205	36.708	ng	100
3) Pyridine	3.30	79	525995	39.193	ng	100
4) n-Nitrosodimethylamine	3.26	42	254100	40.818	ng	98
6) Aniline	6.45	93	391611	21.689	ng	99
8) 2-Chlorophenol	6.57	128	473956	44.053	ng	97
9) Benzaldehyde	6.33	77	143249	15.806	ng	98
10) Phenol	6.44	94	606125	41.058	ng	92
11) bis(2-Chloroethyl)ether	6.52	93	471020	42.333	ng	98
12) 1,3-Dichlorobenzene	6.72	146	496219	41.322	ng	98
13) 1,4-Dichlorobenzene	6.80	146	503545	41.761	ng	98
14) 1,2-Dichlorobenzene	6.95	146	481571	43.354	ng	100
15) Benzyl Alcohol	6.93	79	421609	44.743	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	732310	40.900	ng	98
17) 2-Methylphenol	7.05	107	388937	42.487	ng	96
18) Hexachloroethane	7.29	117	183741	42.558	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	333050	41.684	ng	98
20) 3+4-Methylphenols	7.20	107	456593	41.513	ng	# 85
22) Acetophenone	7.19	105	623544	40.127	ng	99
24) Nitrobenzene	7.36	77	518040	41.990	ng	98
25) Isophorone	7.60	82	946648	41.226	ng	98
26) 2-Nitrophenol	7.68	139	249726	43.264	ng	98
27) 2,4-Dimethylphenol	7.72	122	422448	41.215	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	595683	41.904	ng	100
29) 2,4-Dichlorophenol	7.93	162	389555	41.728	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	410003	41.700	ng	99
31) Naphthalene	8.09	128	1342872	41.536	ng	100
32) Benzoic acid	7.87	122	262482	36.299	ng	98
33) 4-Chloroaniline	8.13	127	216422	15.443	ng	99
34) Hexachlorobutadiene	8.20	225	249076	43.159	ng	99
35) Caprolactam	8.52	113	126827m	40.795	ng	
36) 4-Chloro-3-methylphenol	8.63	107	430855	42.842	ng	95
37) 2-Methylnaphthalene	8.77	142	886177	41.826	ng	99
38) 1-Methylnaphthalene	8.87	142	823765	41.776	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	414477	41.786	ng	99

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	283495	50.048	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	279754	41.378	nq	98
44) 2,4,5-Trichlorophenol	9.10	196	296516	41.486	nq	96
46) 1,1'-Biphenyl	9.24	154	1056247	41.550	nq	98
47) 2-Chloronaphthalene	9.27	162	815280	40.698	nq	98
48) 2-Nitroaniline	9.36	65	282780	45.425	nq	97
49) Acenaphthylene	9.68	152	1256992	40.838	nq	99
50) Dimethylphthalate	9.55	163	1135330	49.330	nq	99
51) 2,6-Dinitrotoluene	9.61	165	217666	44.409	nq	98
52) Acenaphthene	9.85	154	760215	39.104	nq	98
53) 3-Nitroaniline	9.77	138	122019	21.490	nq	100
54) 2,4-Dinitrophenol	9.89	184	145397	54.663	nq	96
55) Dibenzofuran	10.03	168	1112064	40.619	nq	99
56) 4-Nitrophenol	9.95	139	323513	71.444	nq	93
57) 2,4-Dinitrotoluene	10.02	165	281850	45.708	nq	97
58) Fluorene	10.37	166	863599	41.248	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	241438	41.551	nq	98
60) Diethylphthalate	10.25	149	966315	43.064	nq	100
61) 4-Chlorophenyl-phenylether	10.36	204	419616	41.839	nq	97
62) 4-Nitroaniline	10.39	138	193070	34.246	nq	99
63) Azobenzene	10.52	77	975490	40.823	nq	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	115346	35.677	nq	94
66) n-Nitrosodiphenylamine	10.48	169	816633	42.580	nq	99
67) 4-Bromophenyl-phenylether	10.84	248	282513	44.387	nq	98
68) Hexachlorobenzene	10.92	284	312289	43.477	nq	98
69) Atrazine	11.00	200	194642	40.850	nq	98
70) Pentachlorophenol	11.11	266	302360	76.650	nq	99
71) Phenanthrene	11.33	178	1336680	43.886	nq	100
72) Anthracene	11.38	178	1306262	41.559	nq	100
73) Carbazole	11.53	167	1129954	39.838	nq	100
74) Di-n-butylphthalate	11.86	149	1413936	43.191	nq	100
75) Fluoranthene	12.52	202	1331699	40.958	nq	99
77) Benzidine	12.63	184	438630	37.224	nq	100
78) Pyrene	12.74	202	1309450	50.423	nq	99
80) Butylbenzylphthalate	13.36	149	533121	50.760	nq	92
81) Benzo(a)anthracene	13.93	228	995945	44.291	nq	99
82) 3,3'-Dichlorobenzidine	13.89	252	279748	31.866	nq	97
83) Chrysene	13.97	228	978178	42.958	nq	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	698758	49.802	nq	# 98
85) Di-n-octyl phthalate	14.53	149	1159964	46.845	nq	100
87) Indeno(1,2,3-cd)pyrene	16.80	276	1112972	50.077	nq	99
88) Benzo(b)fluoranthene	14.97	252	1041527	45.651	nq	99
89) Benzo(k)fluoranthene	14.99	252	848187	40.597	nq	99
90) Benzo(a)pyrene	15.32	252	874078	45.071	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	902492	48.781	nq	99
92) Benzo(g,h,i)perylene	17.23	276	963057	52.956	nq	100

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

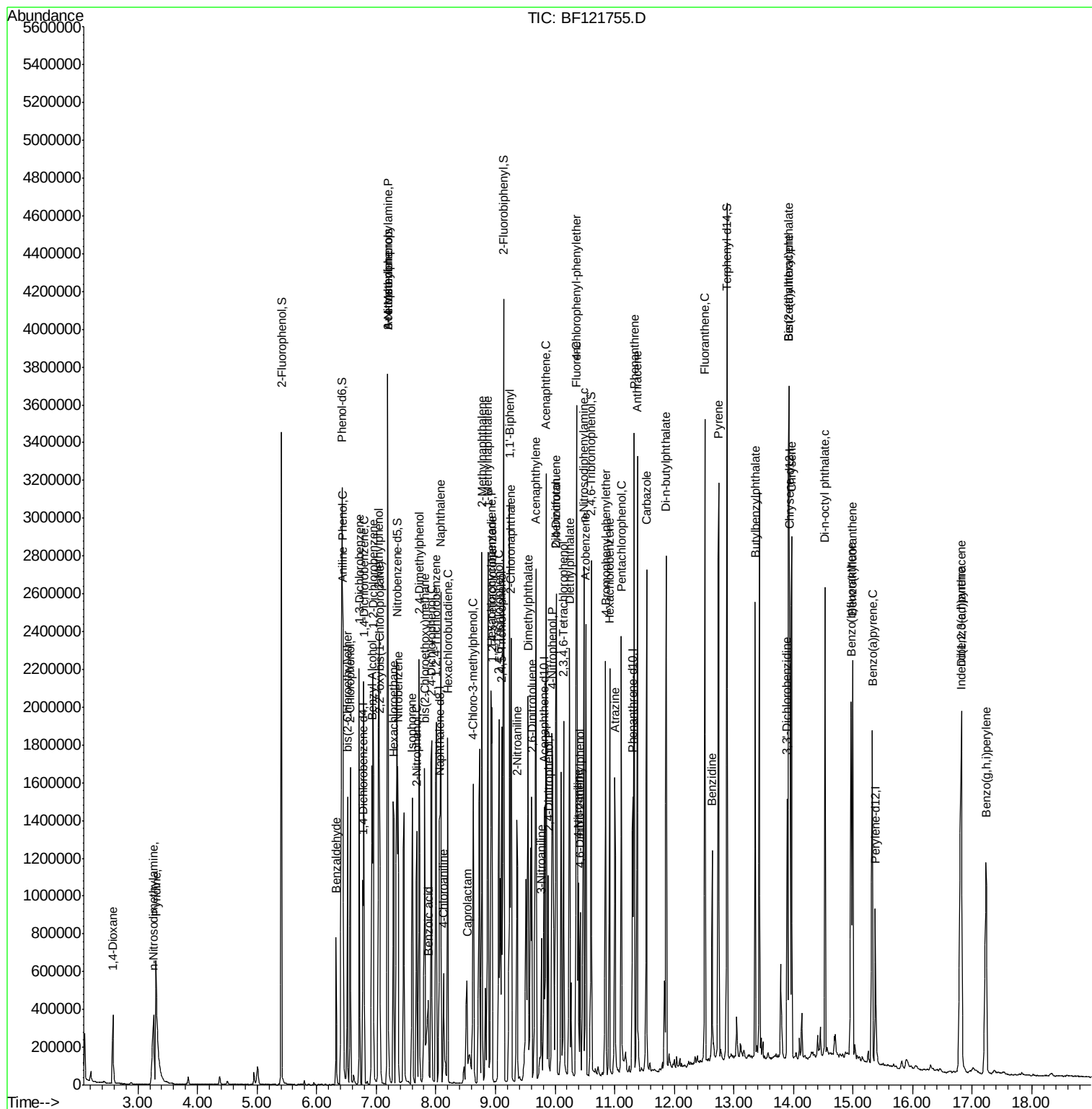
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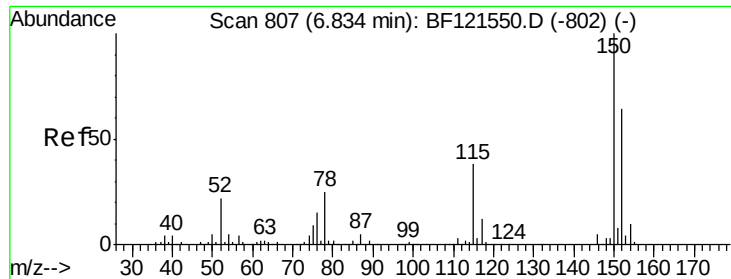
Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

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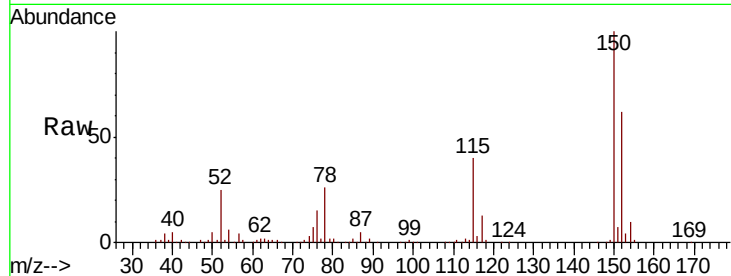
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

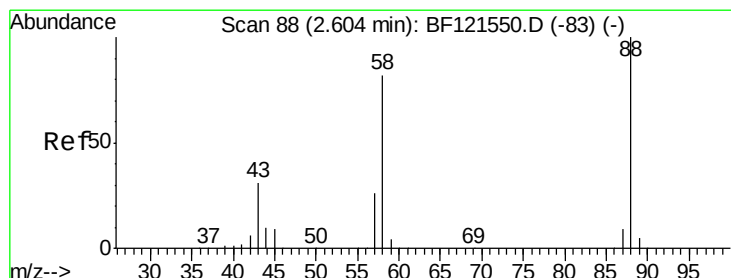
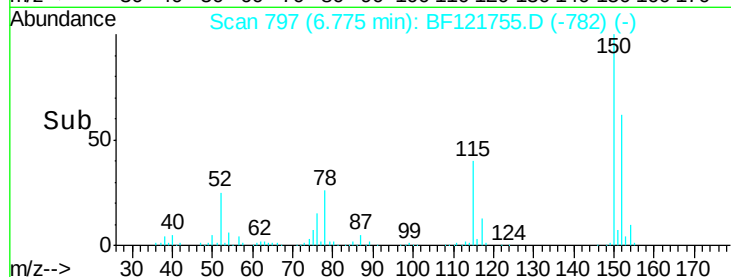
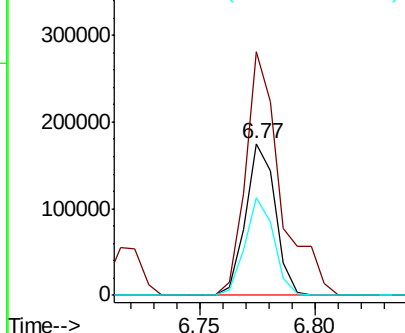
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	125.8	188.8
115	64.3	49.6	74.4

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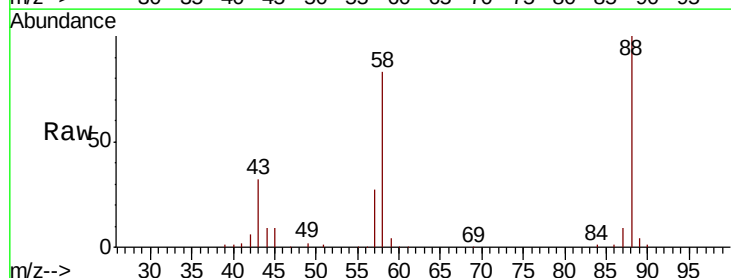


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

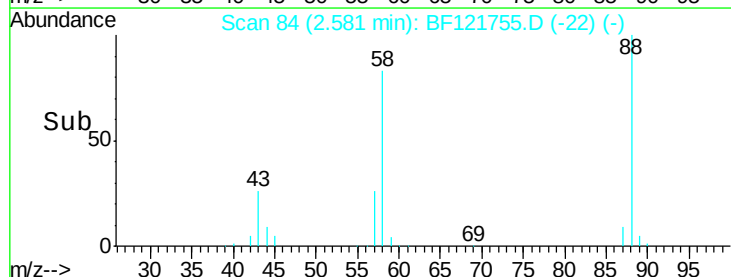
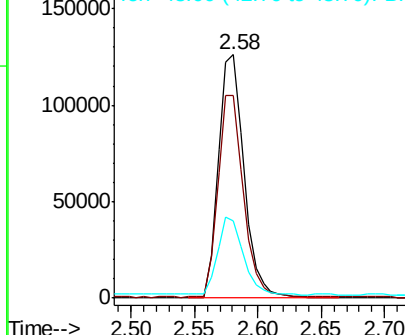


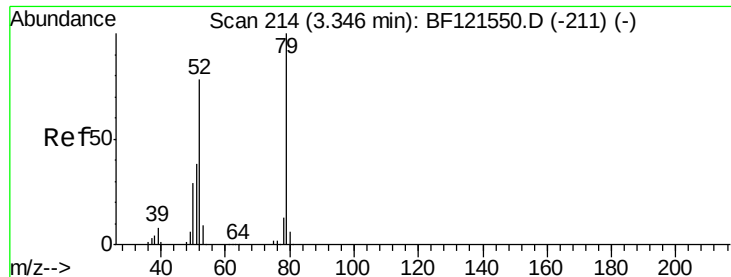
#2
 1,4-Dioxane
 Concen: 36.708 ng
 RT: 2.58 min Scan# 84
 Delta R.T. 0.06 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	65.3	97.9
43	31.4	25.1	37.7



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





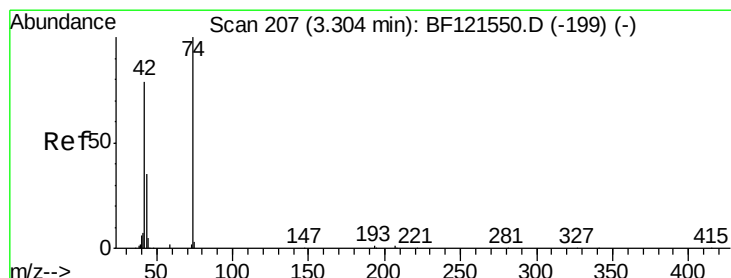
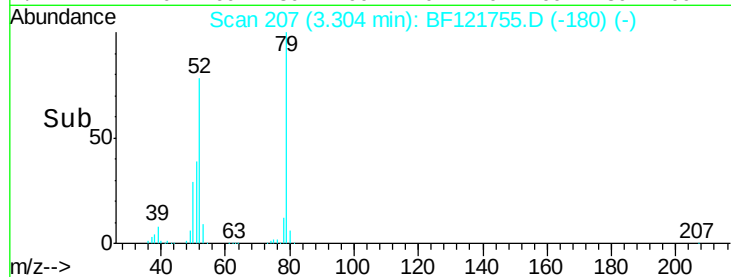
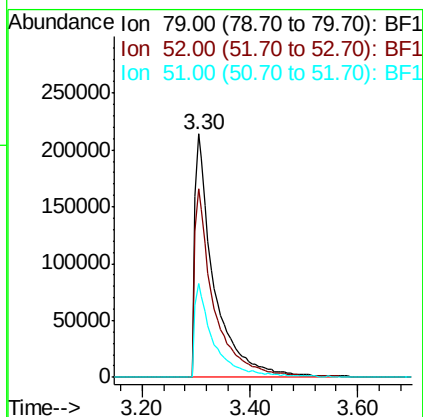
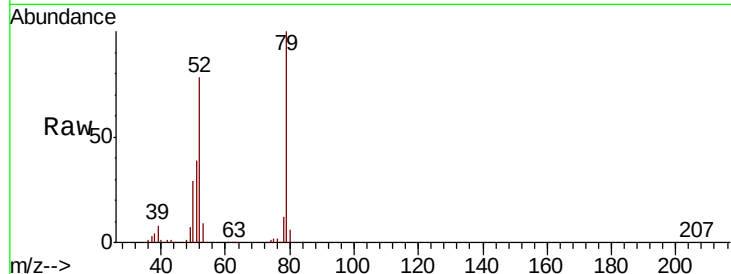
#3
 Pvridine
 Concen: 39.193 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.06 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.5	62.2	93.2
51	38.8	30.9	46.3

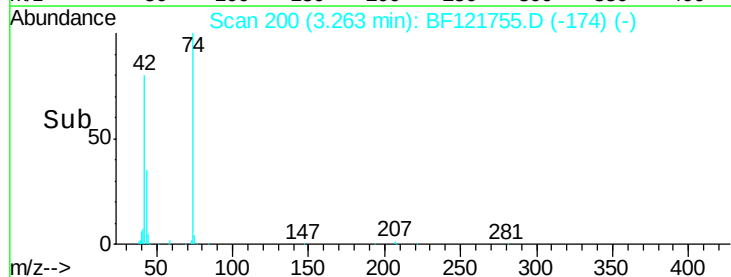
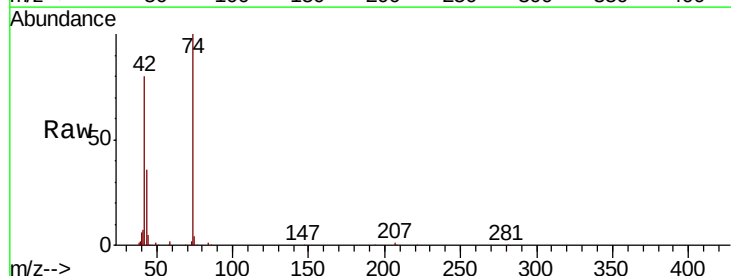
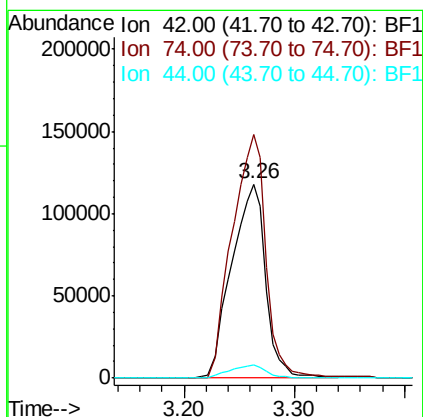
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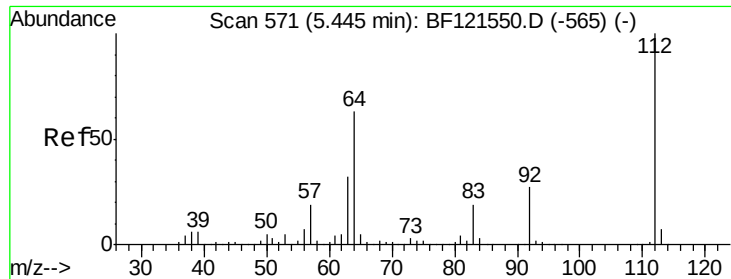
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#4
 n-Nitrosodimethylamine
 Concen: 40.818 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.05 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.7	98.9	148.3
44	6.7	5.3	7.9





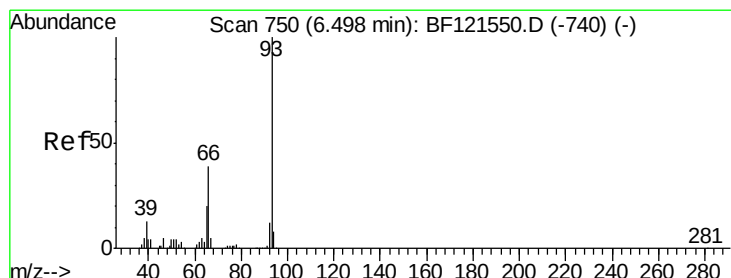
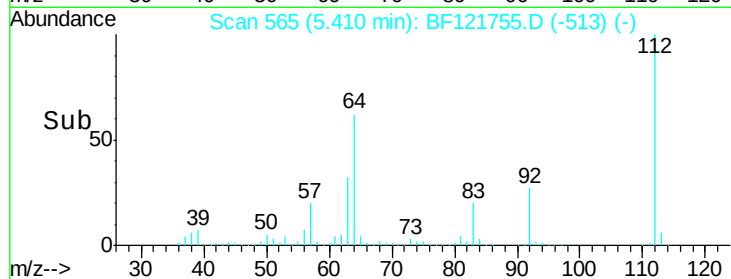
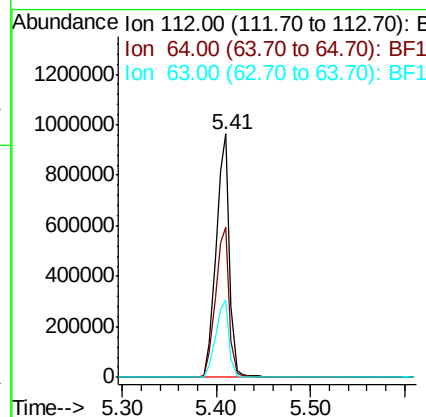
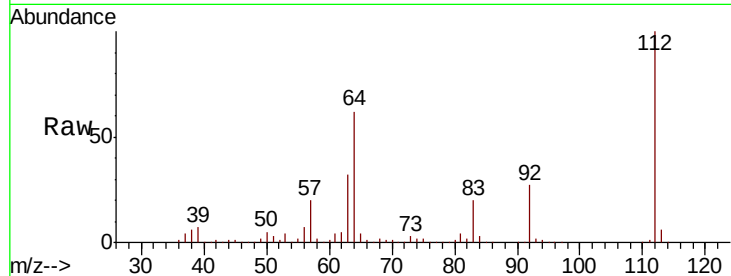
#5
2-Fluorophenol
Concen: 91.997 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	61.8	51.2	76.8
63	31.6	25.9	38.9

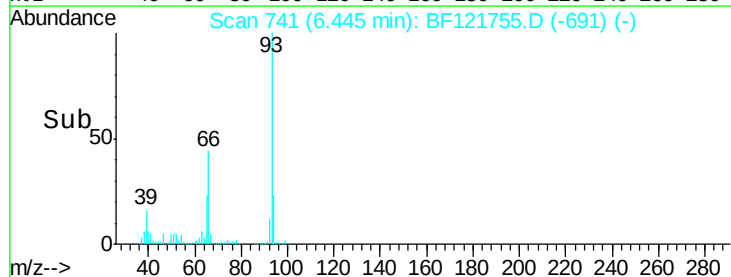
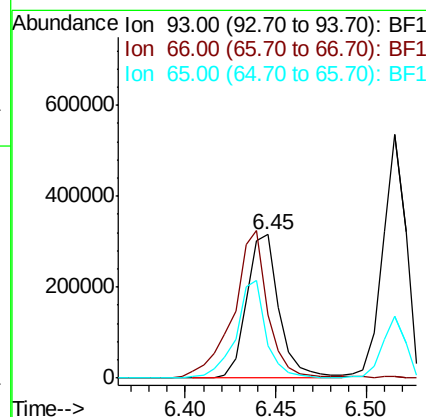
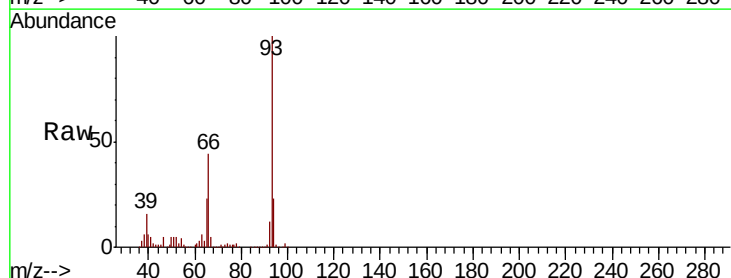
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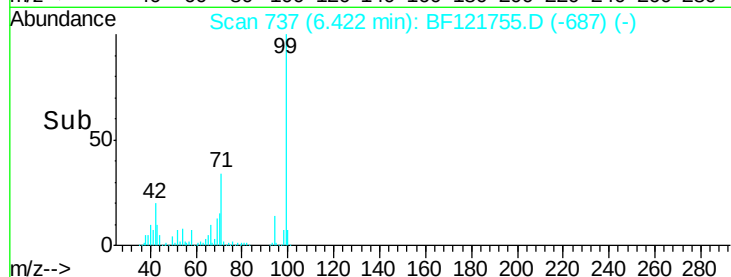
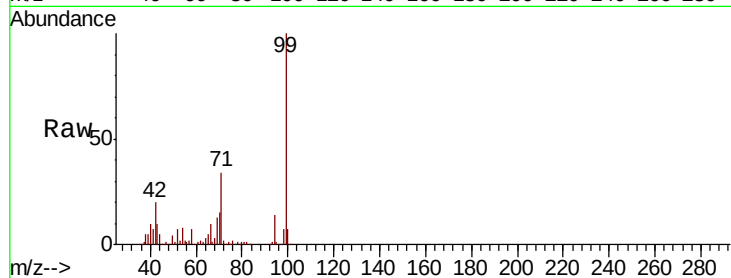
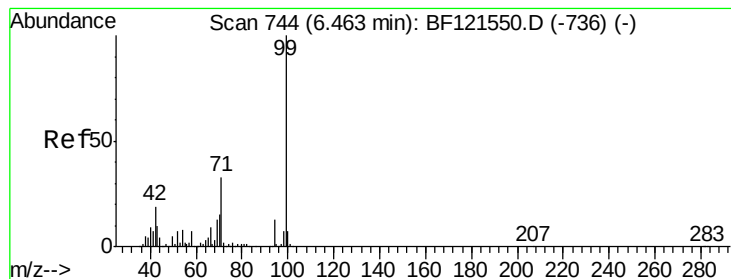
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#6
Aniline
Concen: 21.689 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF121755.D
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Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	43.8	35.8	53.6
65	23.0	18.7	28.1





#7

Phenol-d6

Concen: 92.760 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Tot Ion:	99	Resp:	1285961
Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.5	24.7
71	34.4	27.8	41.6

Instrument :

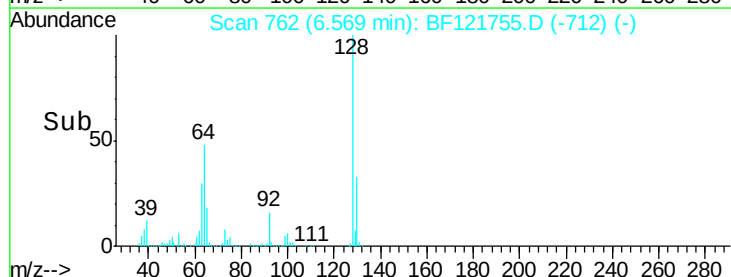
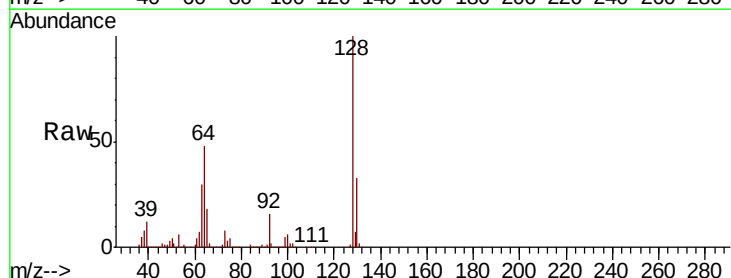
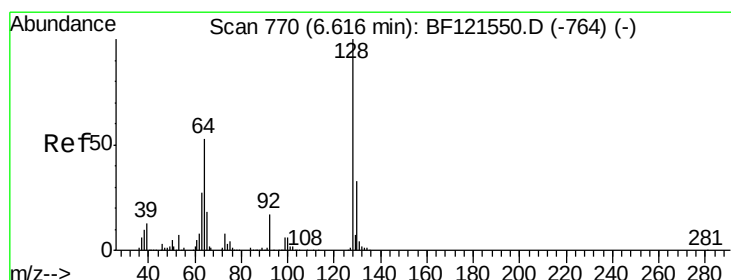
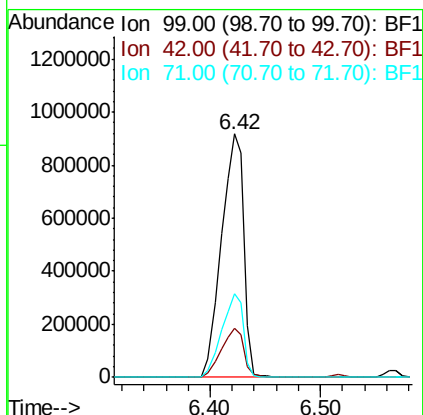
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 44.053 ng

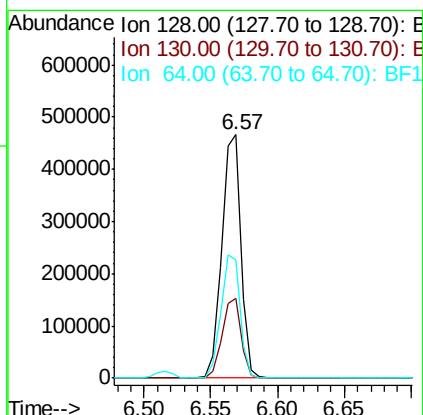
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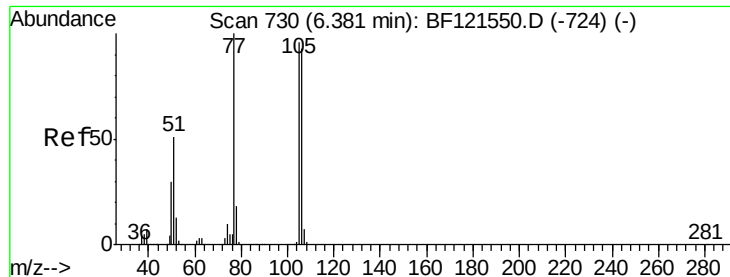
Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Tgt Ion:	128	Resp:	473956
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	48.3	31.9	71.9





#9

Benzaldehyde

Concen: 15.806 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

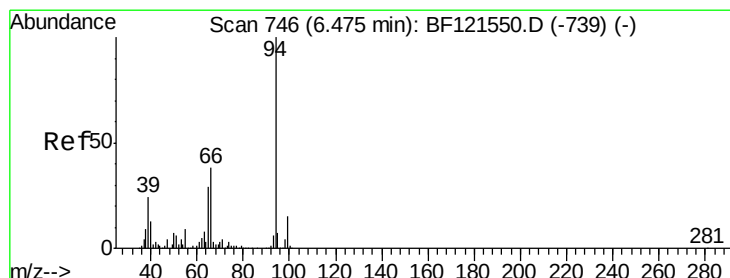
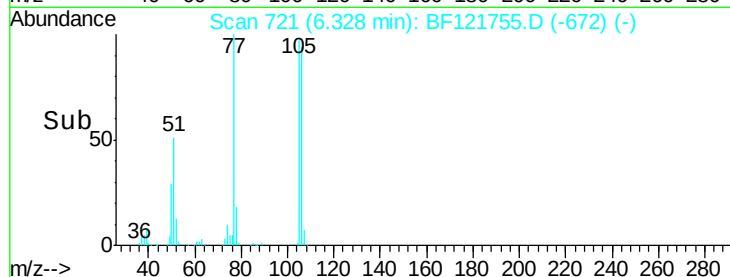
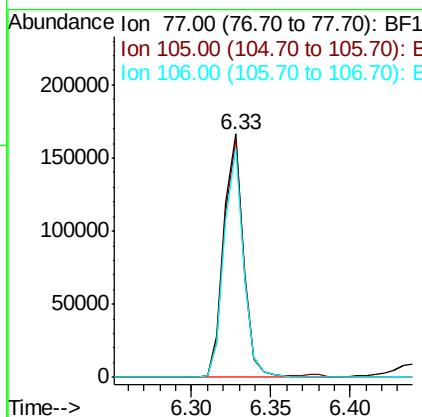
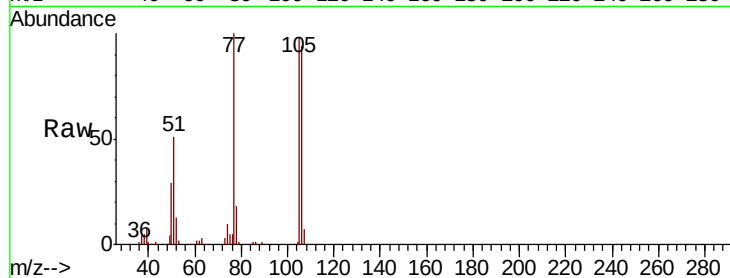
ClientSampleId :

PAV-B18-092920-10-20MSD

Tot Ion:	77	Resp:	143249
Ion	Ratio	Lower	Upper
77	100		
105	98.2	80.8	120.8
106	93.9	75.4	115.4

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#10

Phenol

Concen: 41.058 ng

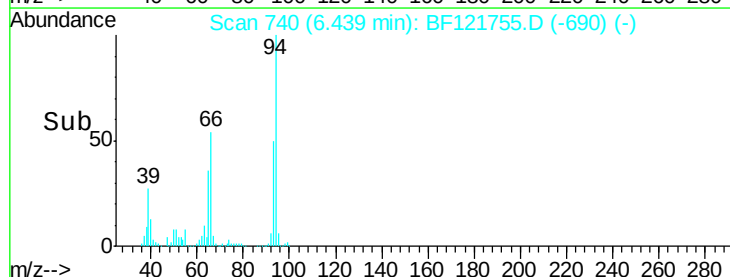
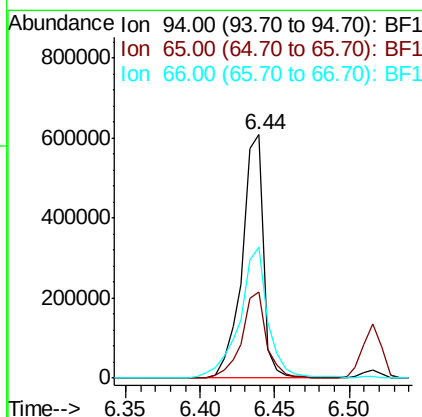
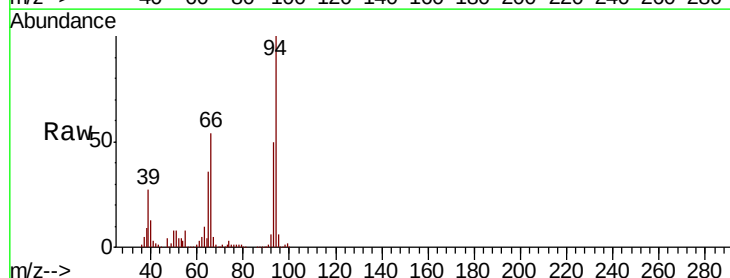
RT: 6.44 min Scan# 740

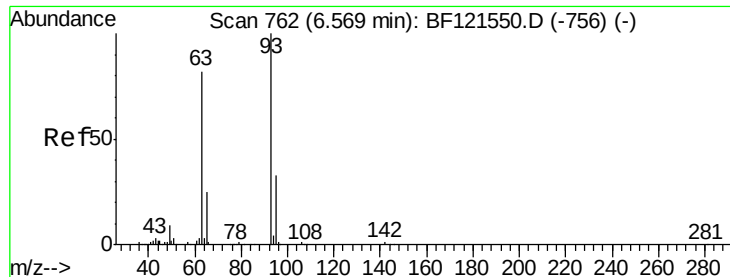
Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Tgt Ion:	94	Resp:	606125
Ion	Ratio	Lower	Upper
94	100		
65	35.5	18.9	58.9
66	53.6	40.4	80.4





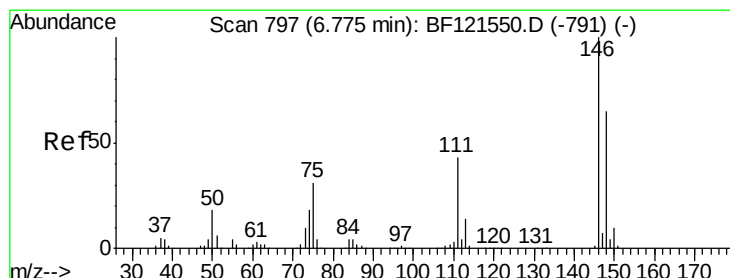
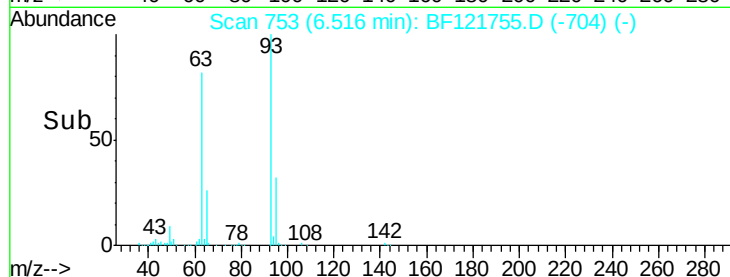
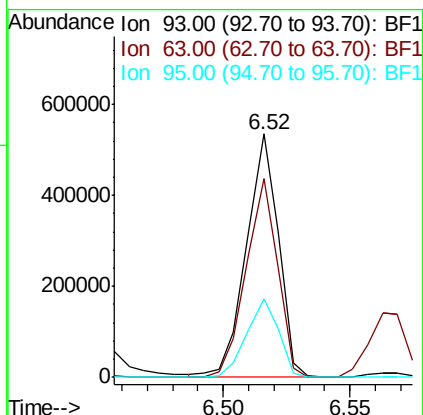
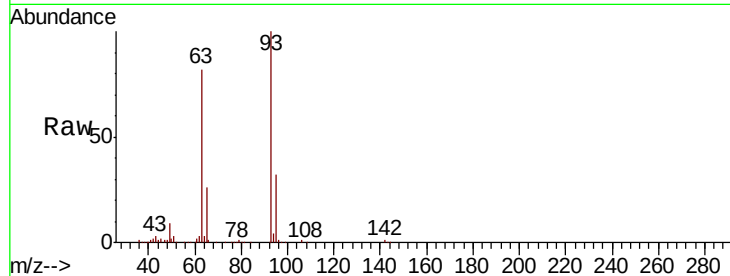
#11
bis(2-Chloroethyl)ether
Concen: 42.333 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		471020		
63	81.7	59.8	99.8		
95	32.2	12.4	52.4		

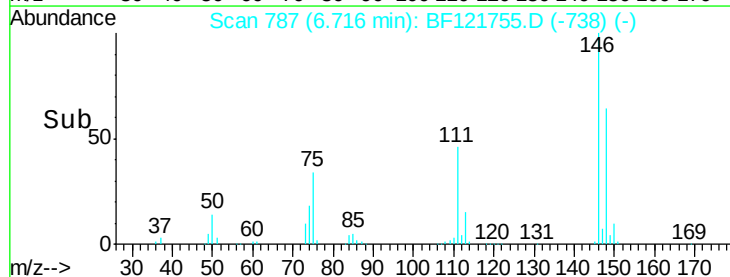
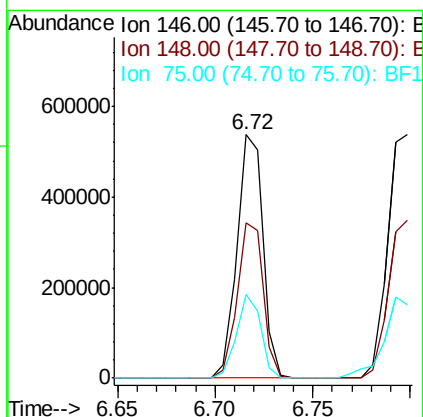
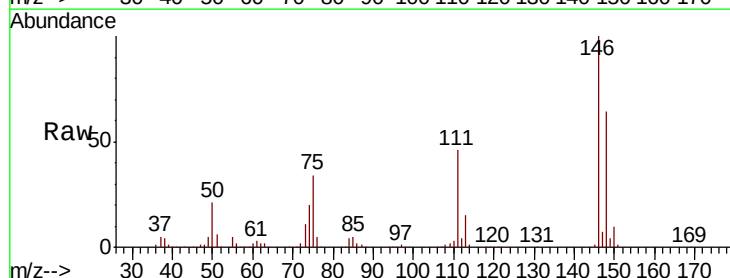
Manual Integrations
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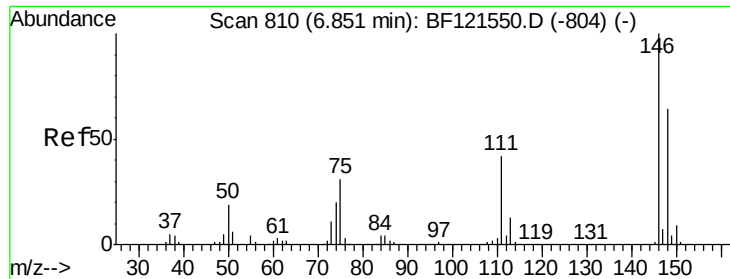
mohammad
10/1/2020 1:32:37 PM



#12
1,3-Dichlorobenzene
Concen: 41.322 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		496219		
148	64.0	50.9	76.3		
75	34.2	25.3	37.9		





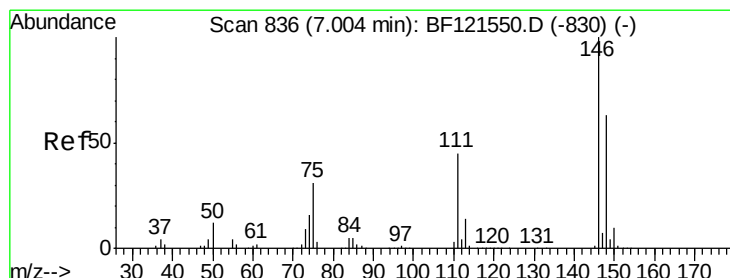
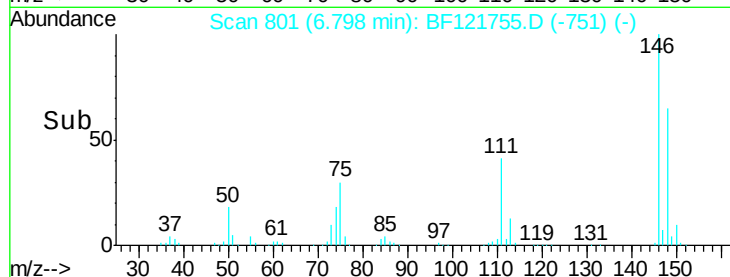
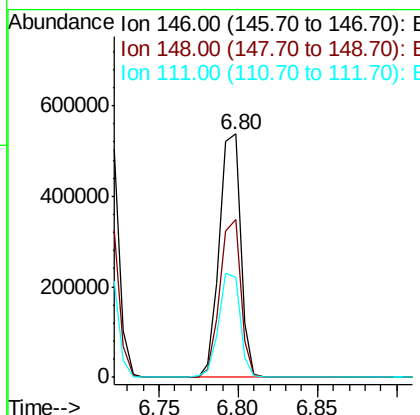
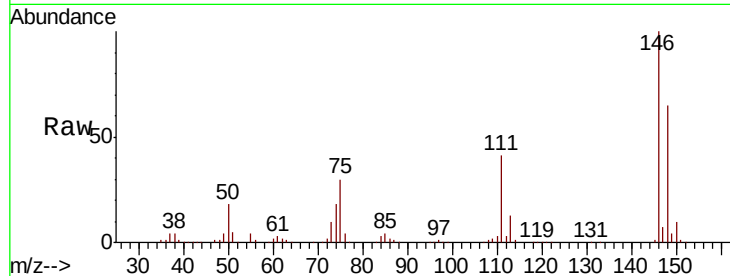
#13
 1,4-Dichlorobenzene
 Concen: 41.761 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.5	77.3
111	41.2	34.8	52.2

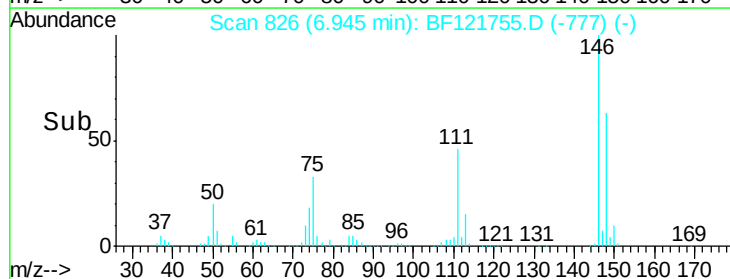
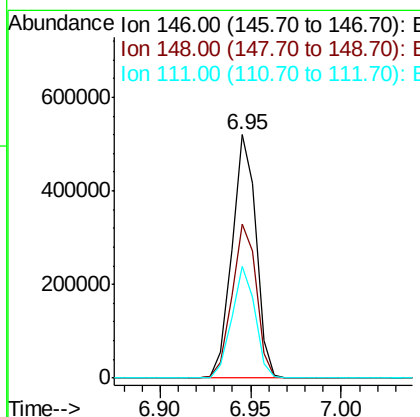
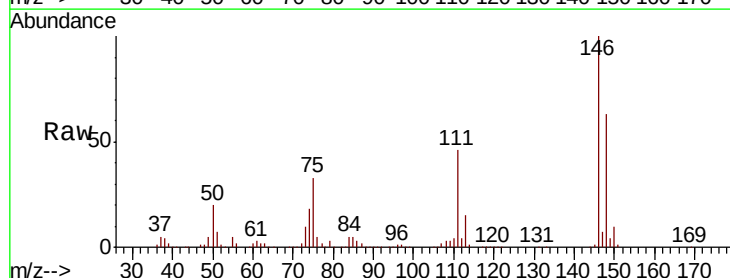
Manual Integrations
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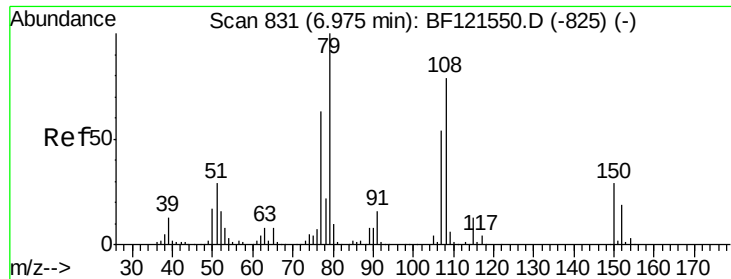
mohammad
 10/1/2020 1:32:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.354 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	45.7	36.6	54.8





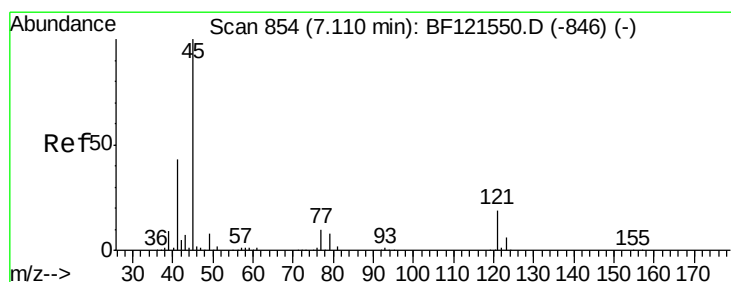
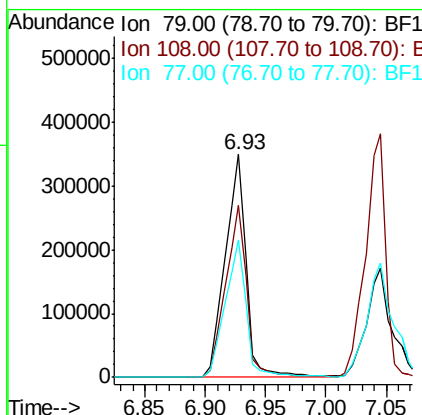
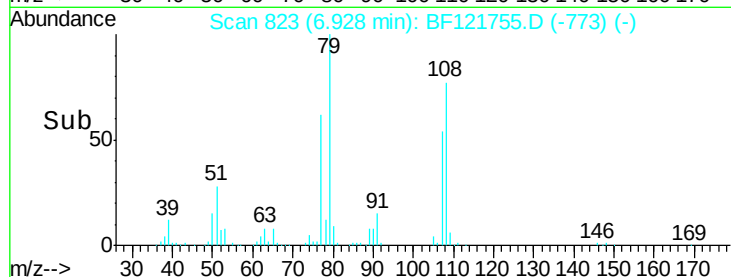
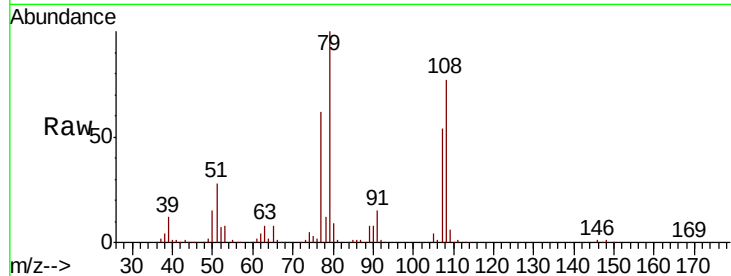
#15
Benzyl Alcohol
Concen: 44.743 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	60.2	90.2
77	61.8	51.0	76.4

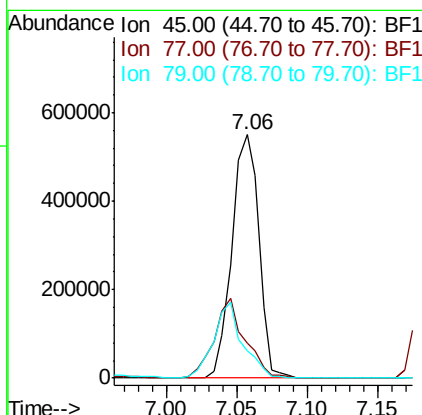
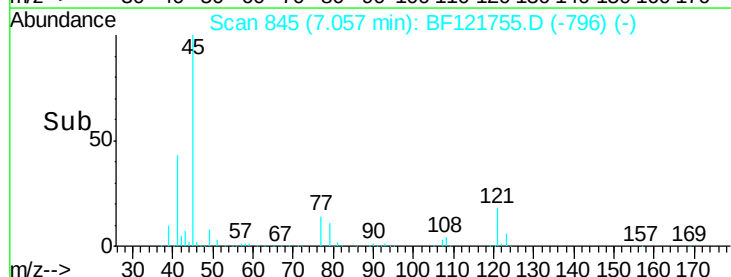
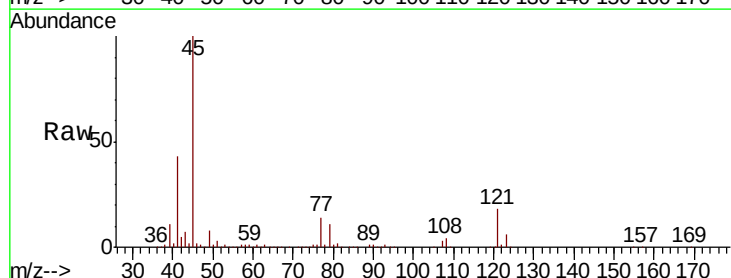
Manual Integrations
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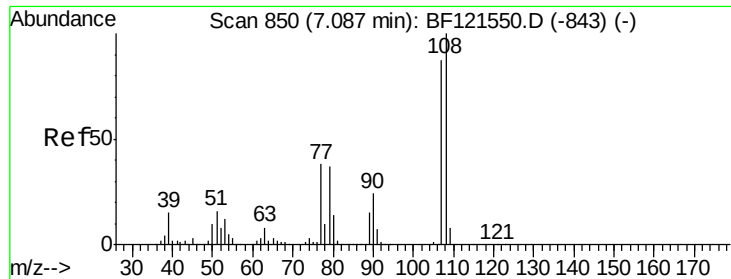
mohammad
10/1/2020 1:32:37 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.900 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.3
79	11.4	0.0	30.8





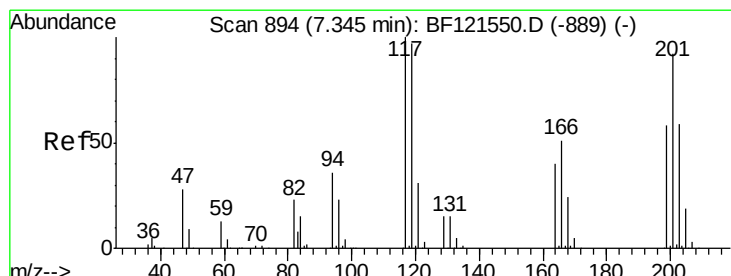
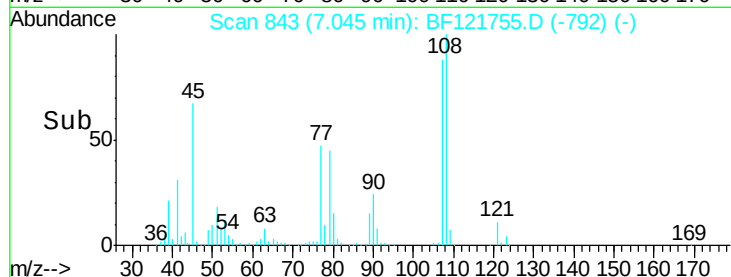
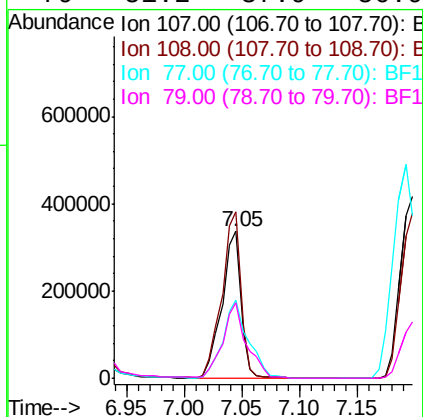
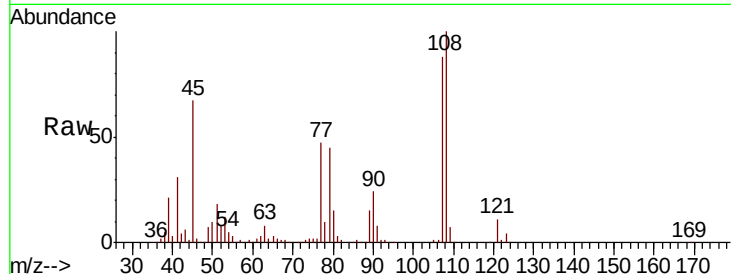
#17
2-Methylphenol
Concen: 42.487 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion:	107	Resp:	388937
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.7	137.5
77	53.3	38.4	57.6
79	51.2	37.9	56.9

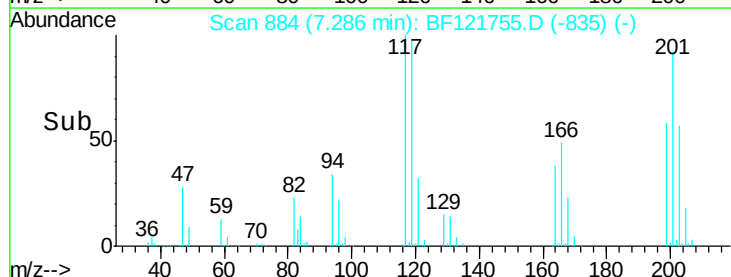
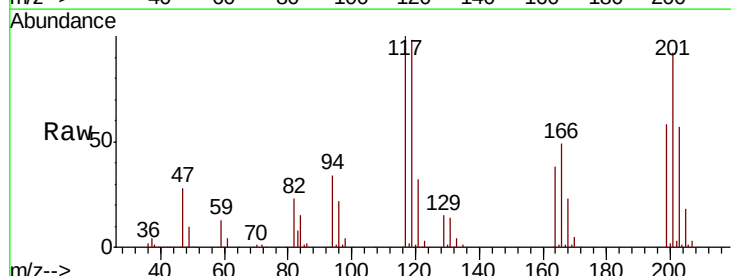
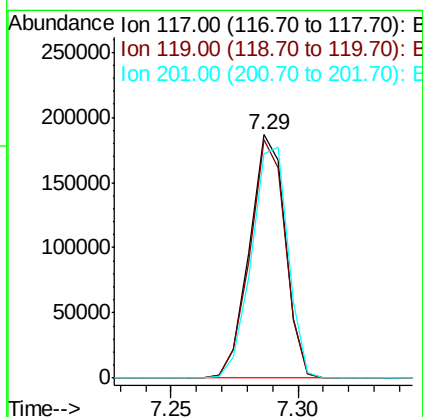
Manual Integrations
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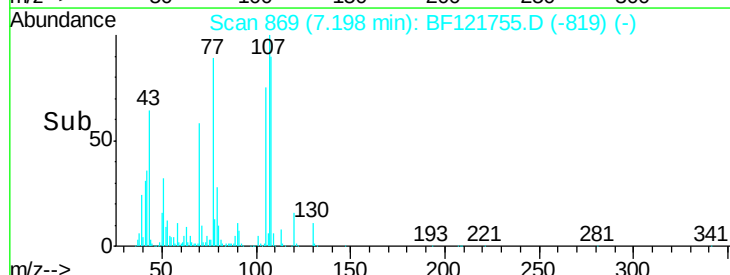
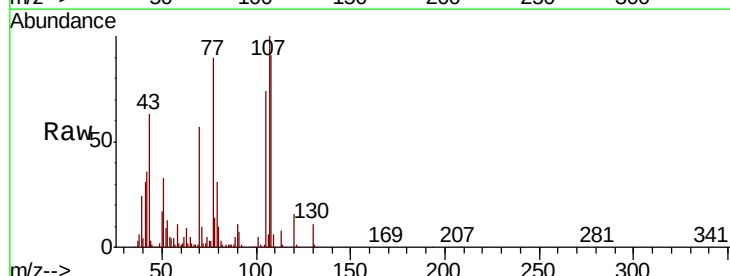
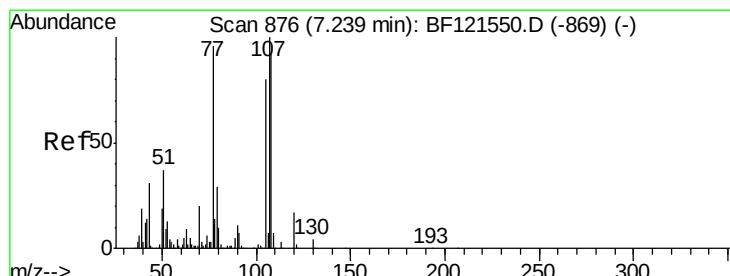
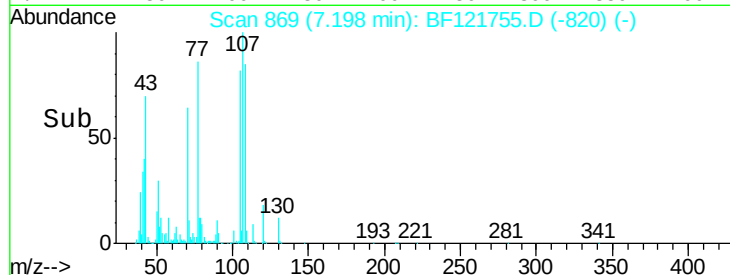
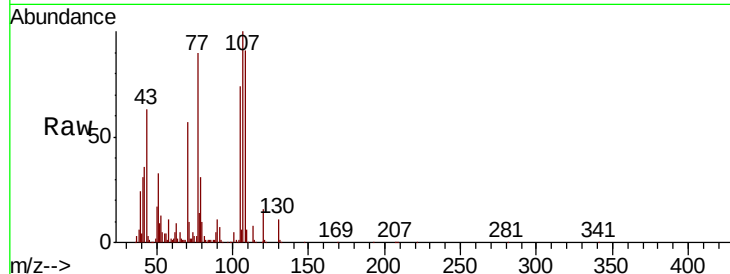
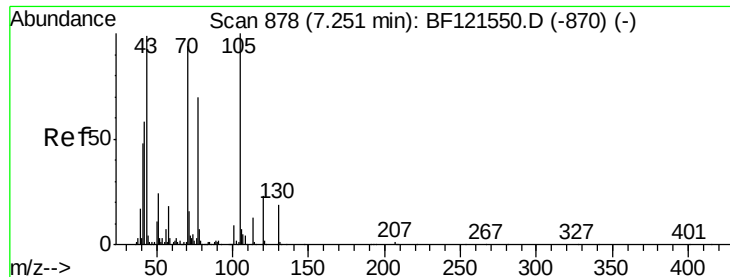
mohammad
10/1/2020 1:32:37 PM



#18
Hexachloroethane
Concen: 42.558 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion:	117	Resp:	183741
Ion Ratio	Lower	Upper	
117	100		
119	97.8	76.8	115.2
201	92.1	77.4	116.0





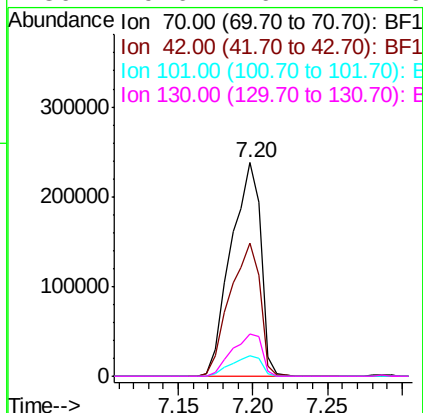
#19
n-Nitroso-di-n-propylamine
Concen: 41.684 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.3	48.6	73.0	
101	9.4	7.5	11.3	
130	19.6	16.4	24.6	

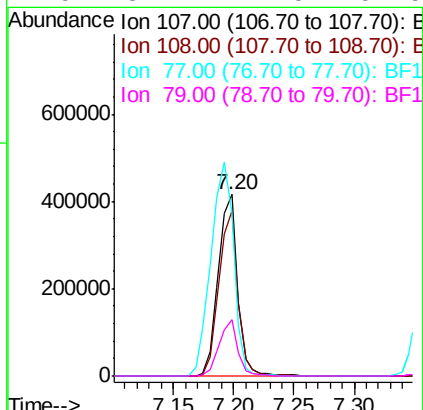
Manual Integrations
APPROVED

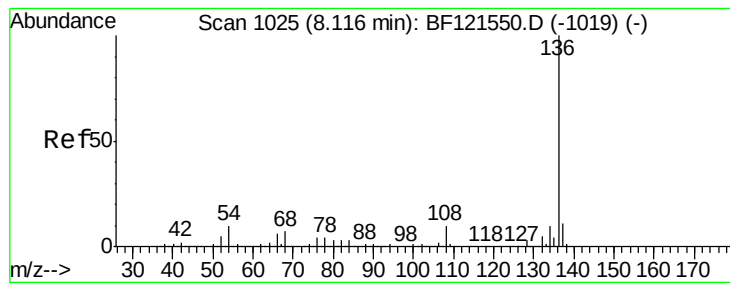
mohammad
10/1/2020 1:32:37 PM



#20
3+4-Methylphenols
Concen: 41.513 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.2	71.6	111.6	
77	89.5	101.6	141.6#	
79	31.2	12.5	52.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

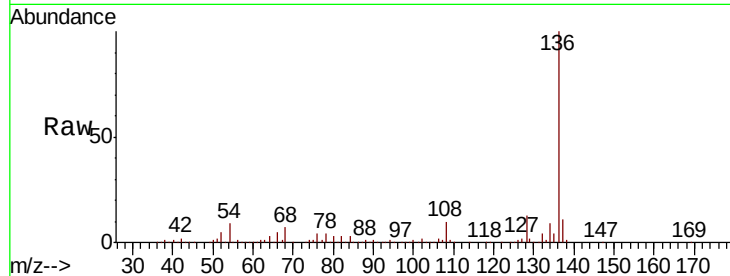
ClientSampleId :

PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	612455		
137	10.8	9.1	13.7	
54	9.2	7.8	11.8	
68	6.6	5.6	8.4	

Manual Integrations
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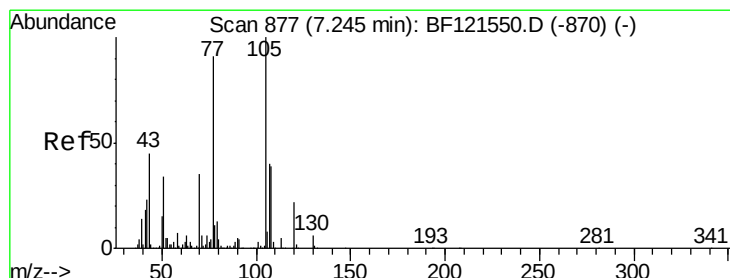
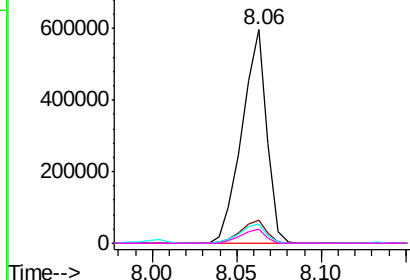
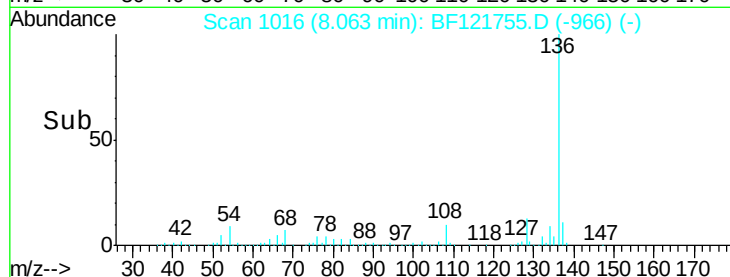


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.127 ng

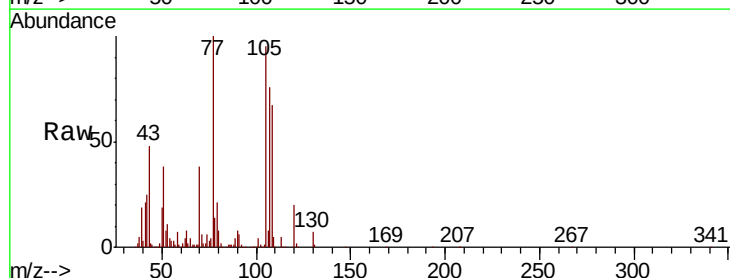
RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	623544		
71	6.7	5.8	8.8	
51	40.6	31.9	47.9	
120	21.5	17.6	26.4	

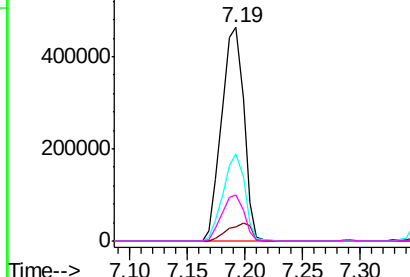
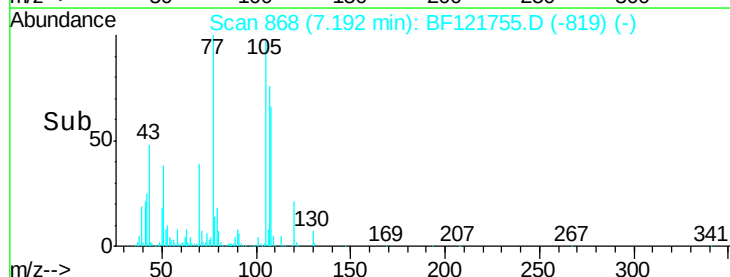


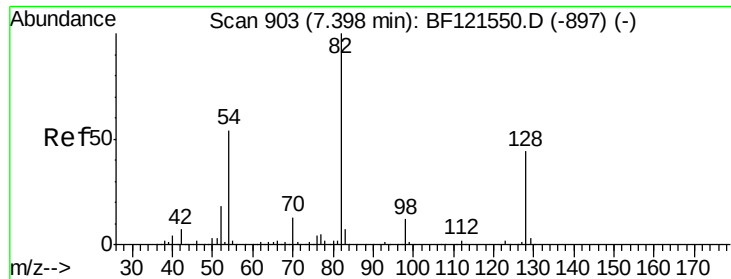
Abundance Ion 105.00 (104.70 to 105.70): E

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





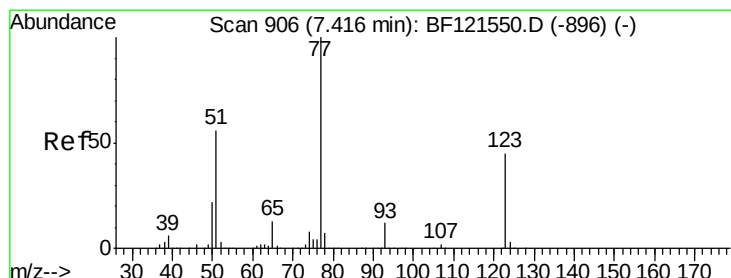
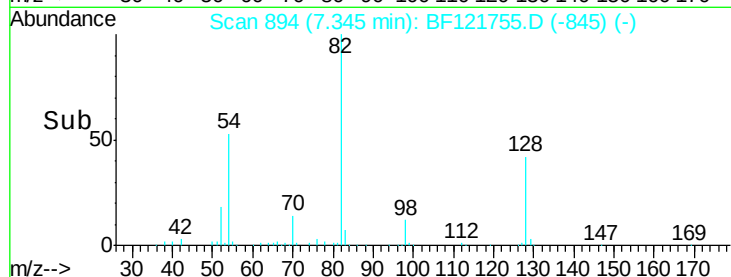
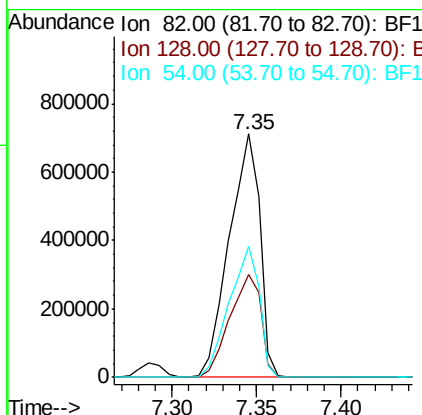
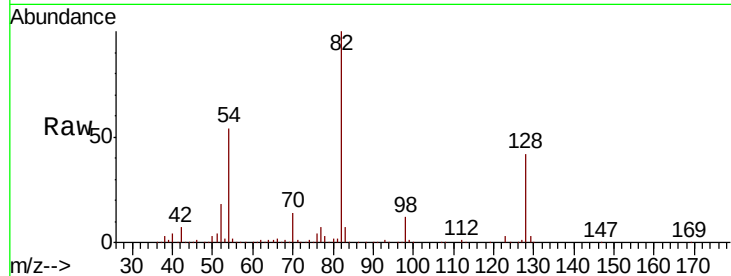
#23
 Nitrobenzene-d5
 Concen: 78.662 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.4
54	53.6	42.5	63.7

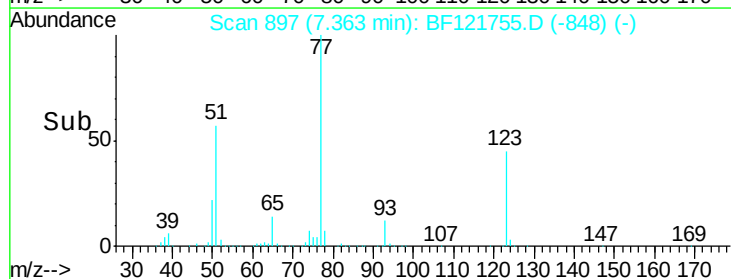
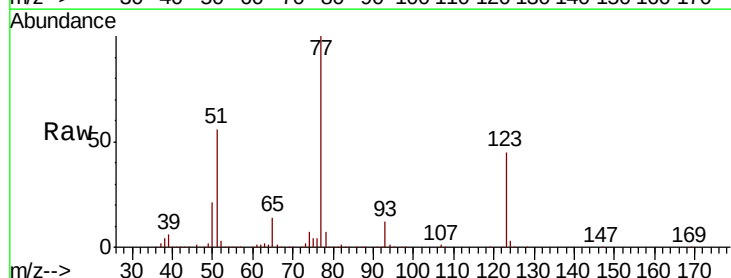
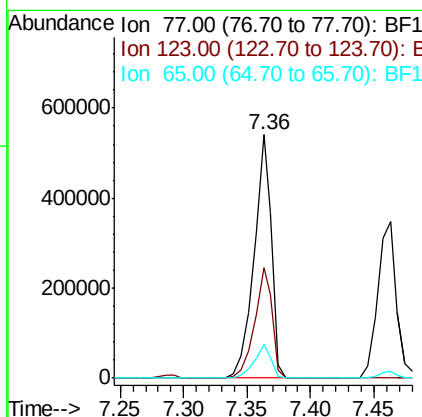
Manual Integrations
 APPROVED

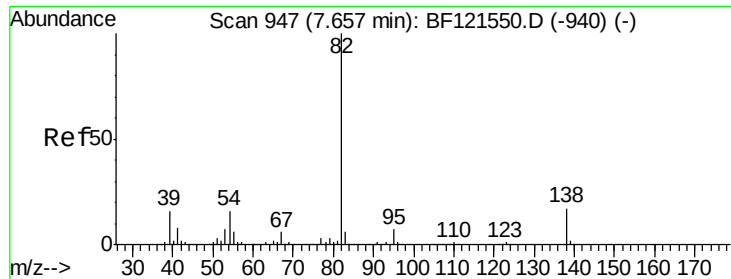
mohammad
 10/1/2020 1:32:37 PM



#24
 Nitrobenzene
 Concen: 41.990 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.6	56.4
65	13.8	11.1	16.7





#25

Isophorone

Concen: 41.226 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

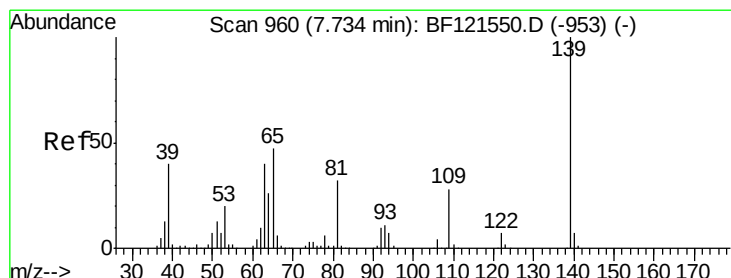
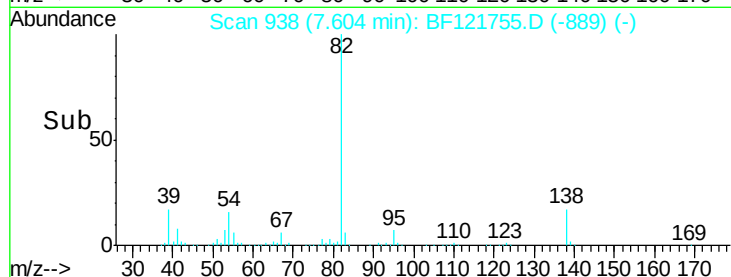
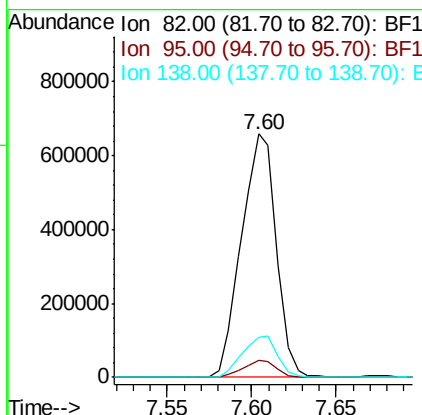
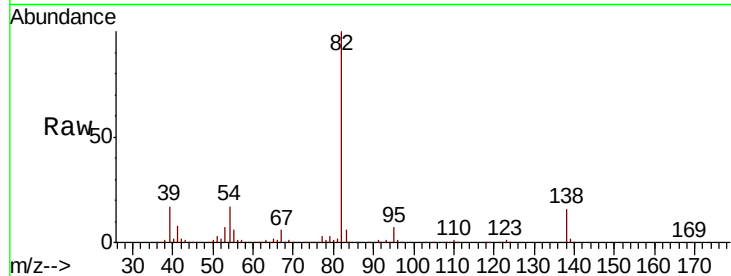
ClientSampleId :

PAV-B18-092920-10-20MSD

Tot Ion:	82	Resp:	946648
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.6	8.4
138	16.5	13.9	20.9

Manual Integrations
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10/1/2020 1:32:37 PM



#26

2-Nitrophenol

Concen: 43.264 ng

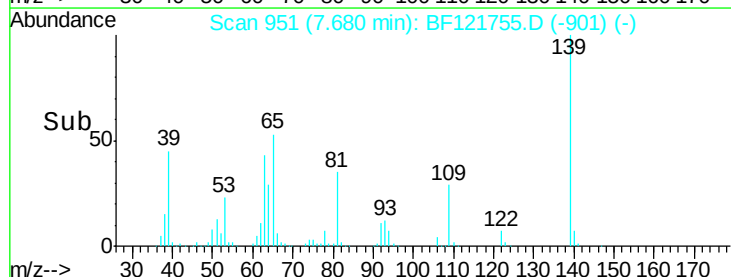
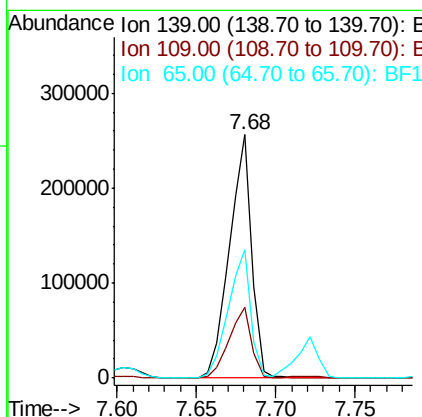
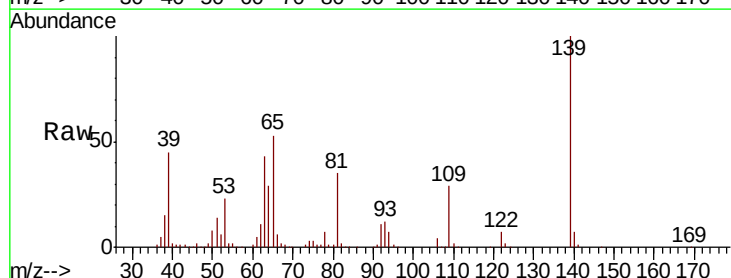
RT: 7.68 min Scan# 951

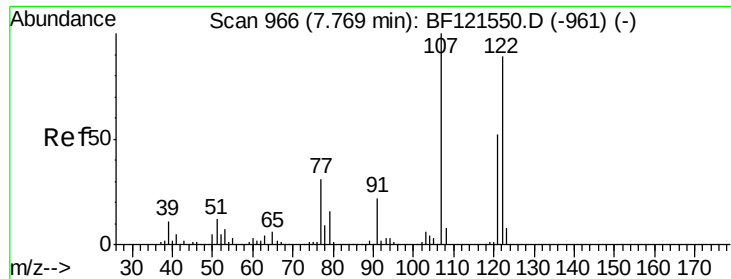
Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Tgt Ion:	139	Resp:	249726
Ion Ratio	Lower	Upper	
139	100		
109	29.3	24.1	36.1
65	52.6	43.8	65.8





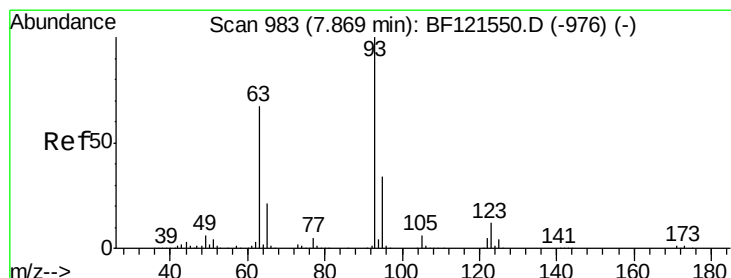
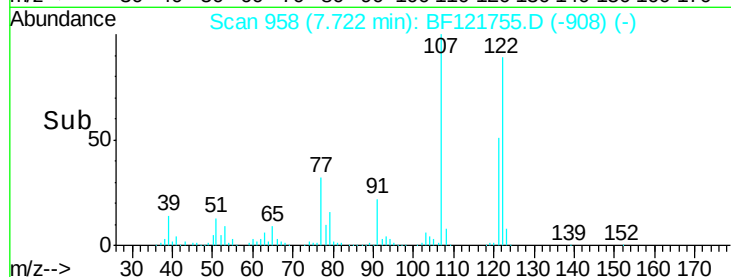
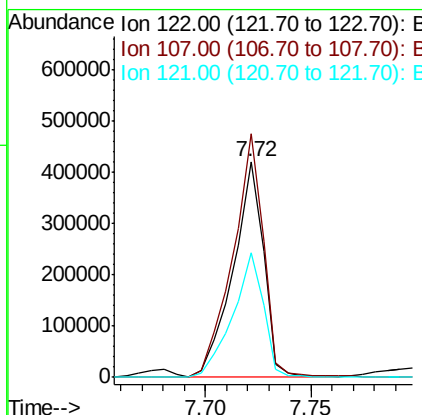
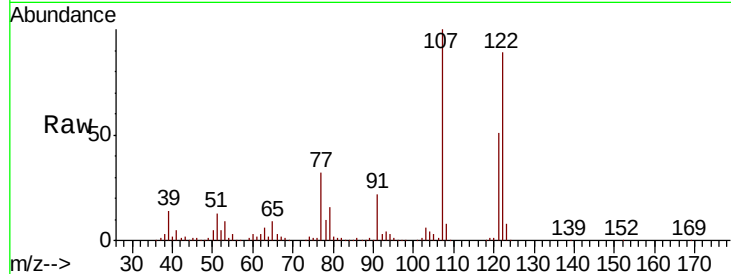
#27
2,4-Dimethylphenol
Concen: 41.215 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	92.3	138.5
121	57.6	46.8	70.2

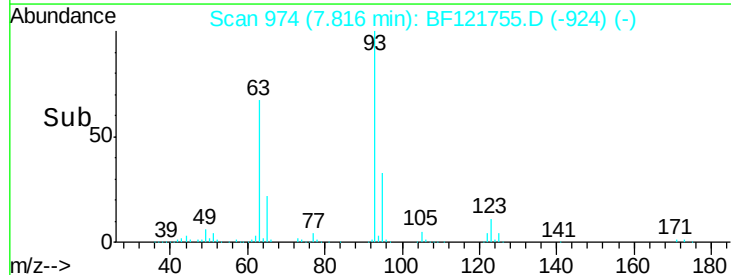
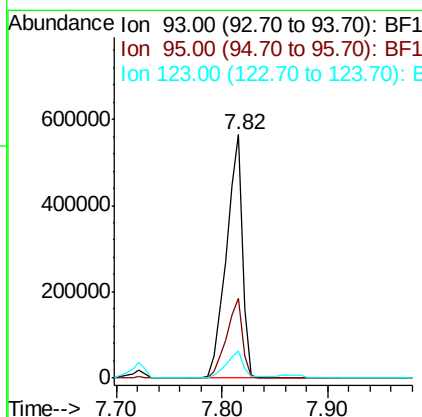
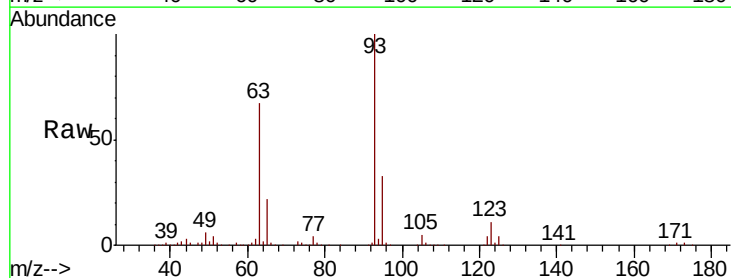
Manual Integrations
APPROVED

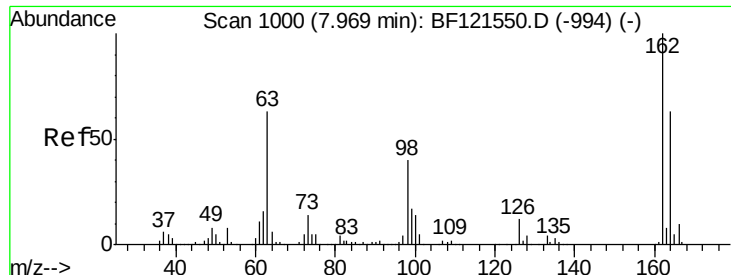
mohammad
10/1/2020 1:32:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.904 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	11.4	8.7	13.1





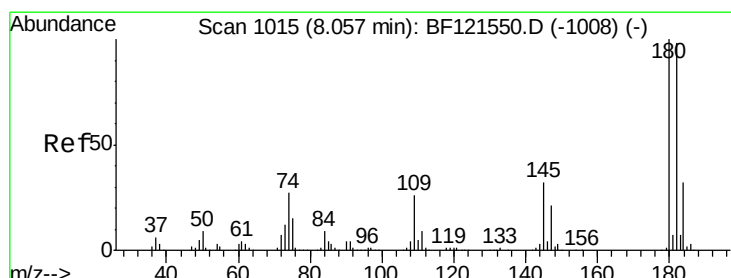
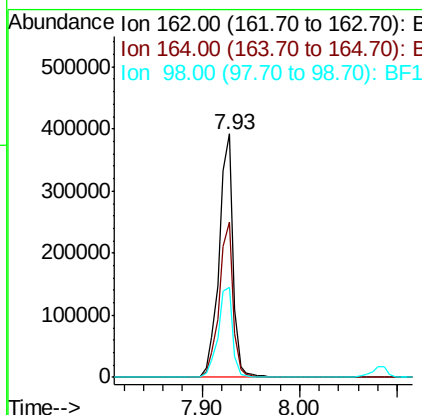
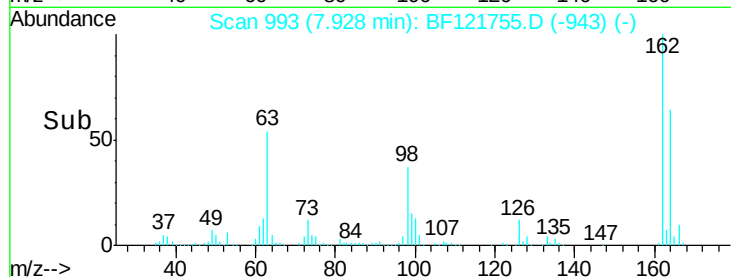
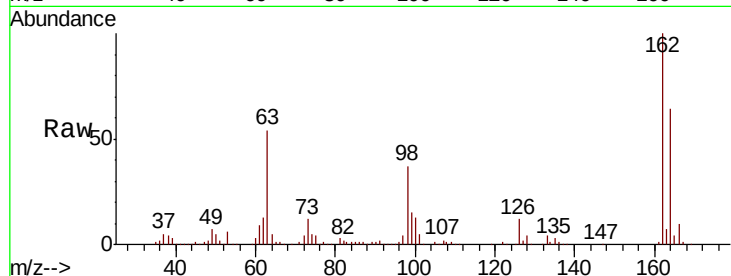
#29
2,4-Dichlorophenol
Concen: 41.728 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleID :
PAV-B18-092920-10-20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		389555		
164	64.0	44.2		84.2	
98	37.1	18.5		58.5	

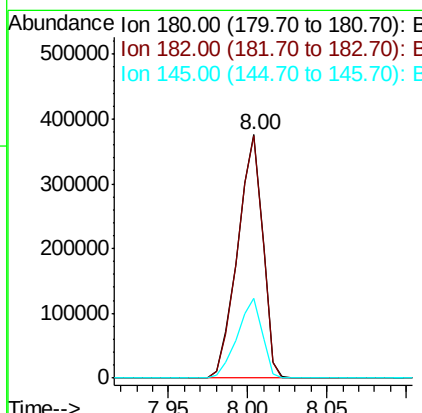
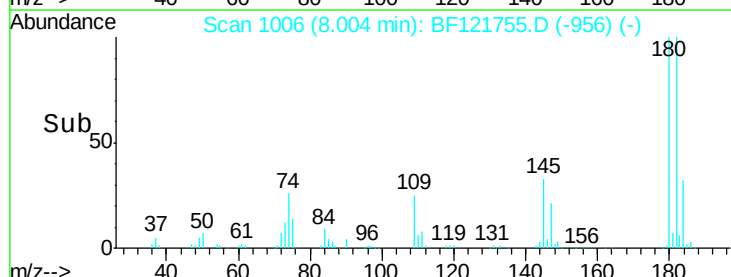
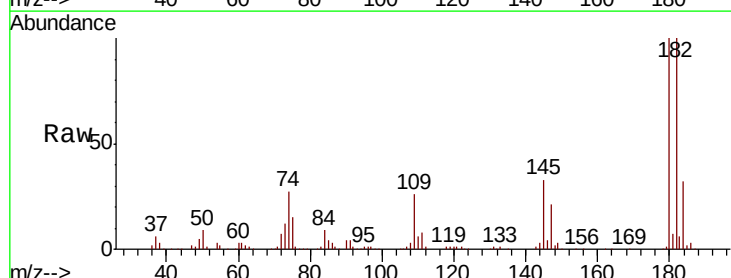
Manual Integrations
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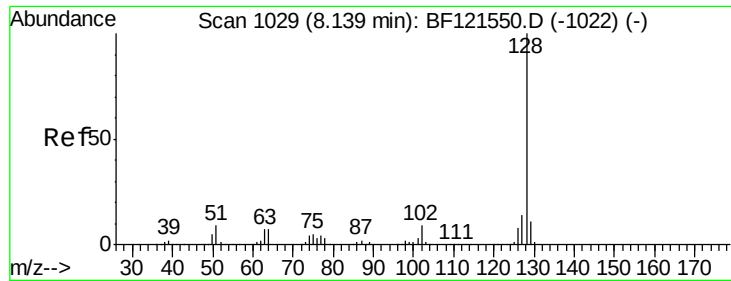
mohammad
10/1/2020 1:32:37 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.700 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		410003		
182	99.6	78.6		117.8	
145	32.8	26.3		39.5	





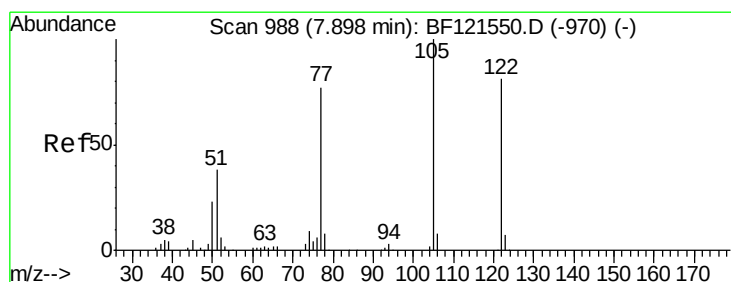
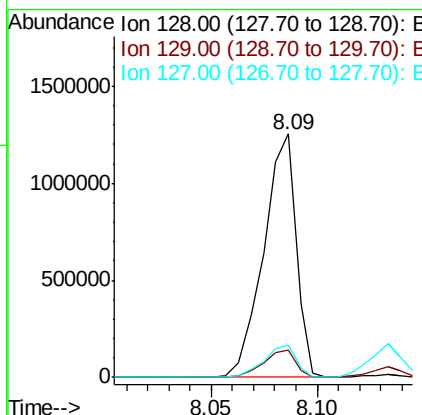
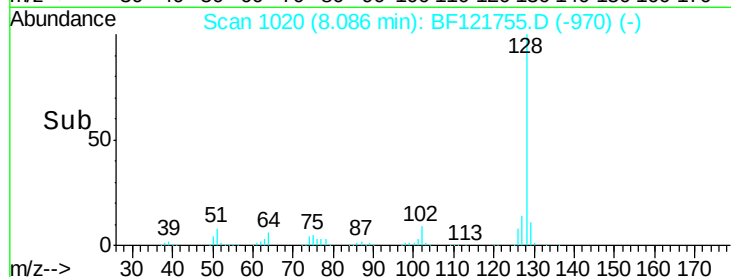
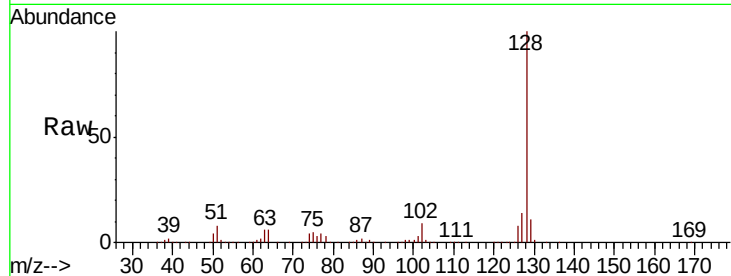
#31
Naphthalene
Concen: 41.536 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.5	10.9	16.3

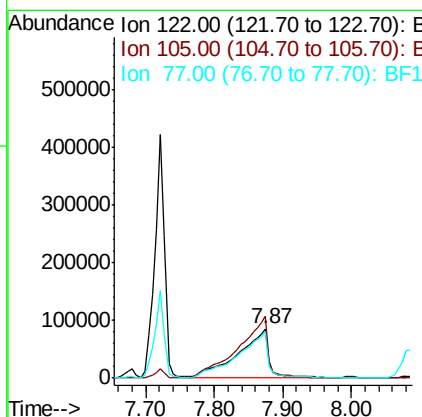
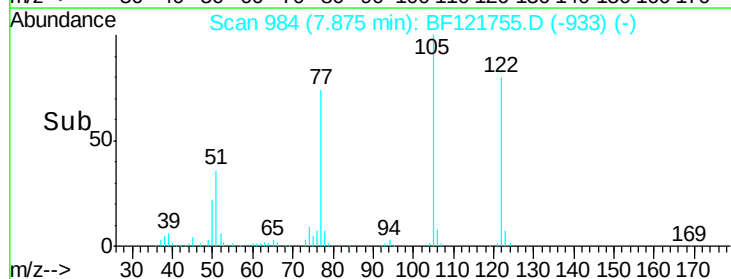
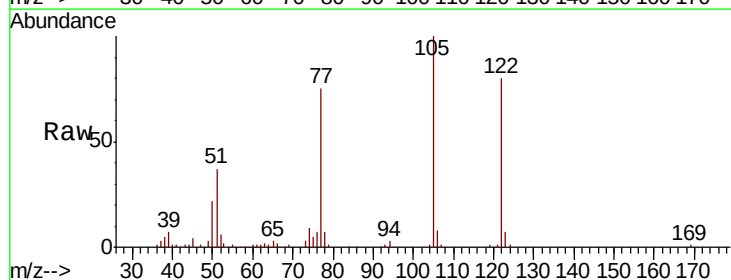
Manual Integrations
APPROVED

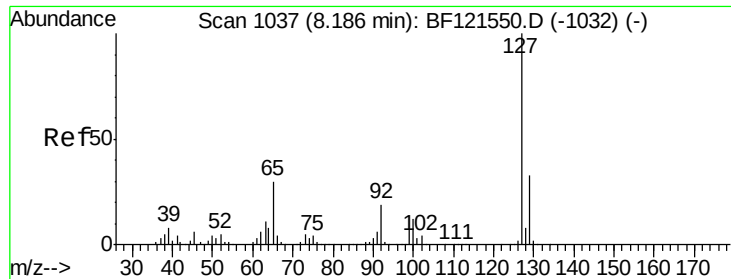
mohammad
10/1/2020 1:32:37 PM



#32
Benzoic acid
Concen: 36.299 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	103.8	143.8
77	94.1	75.8	115.8





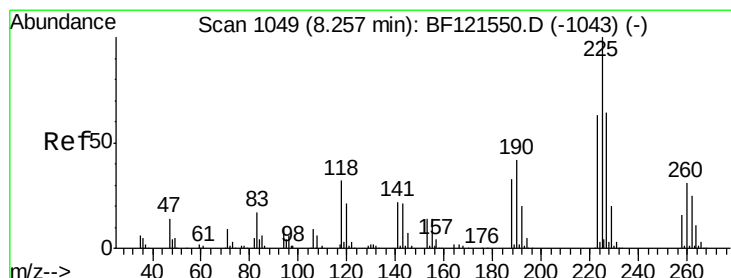
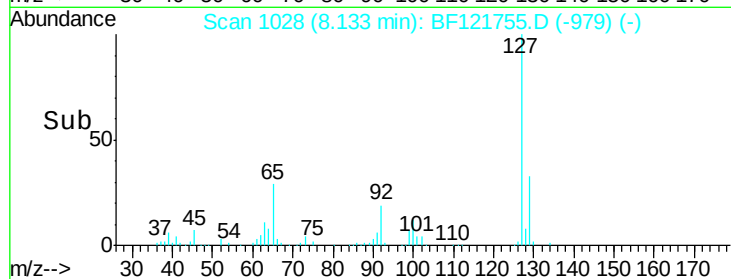
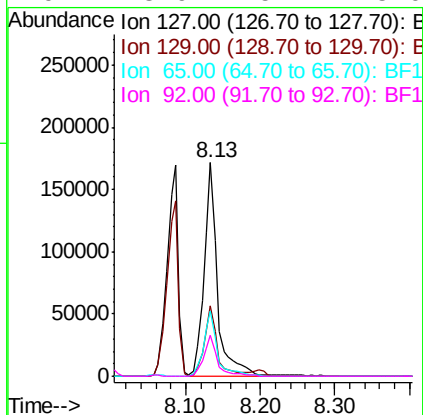
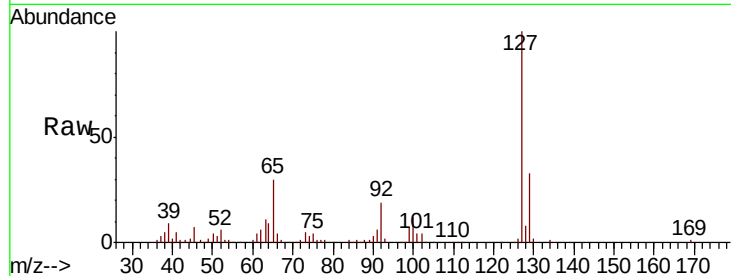
#33
4-Chloroaniline
Concen: 15.443 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.2	39.2		
65	30.4	24.2	36.2		
92	18.9	15.4	23.0		

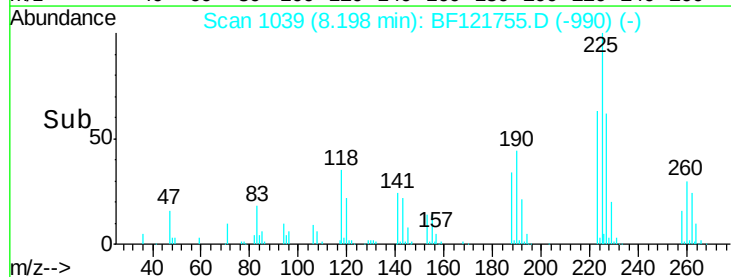
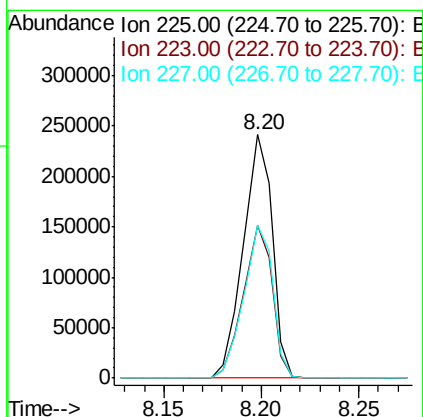
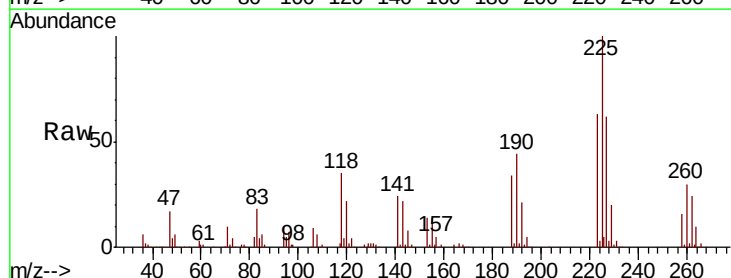
Manual Integrations
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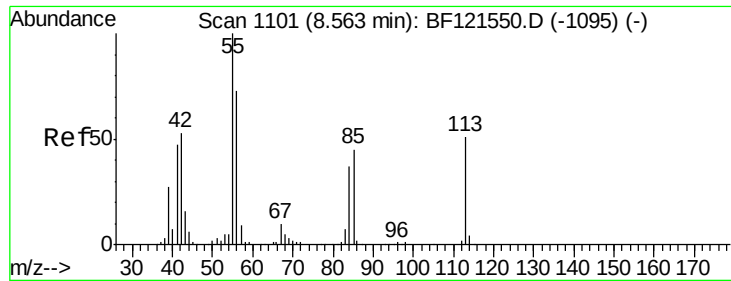
mohammad
10/1/2020 1:32:37 PM



#34
Hexachlorobutadiene
Concen: 43.159 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.5	75.7		
227	62.5	51.0	76.4		





#35

Caprolactam

Concen: 40.795 ng/mL

RT: 8.52 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

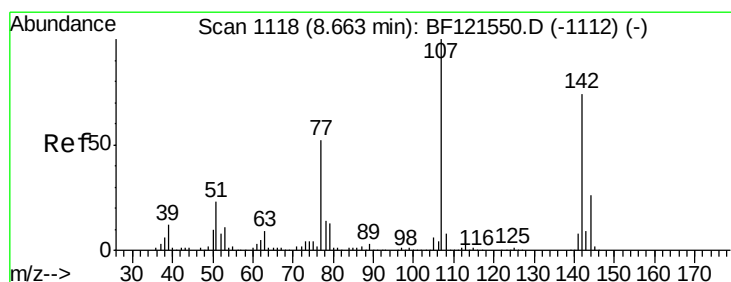
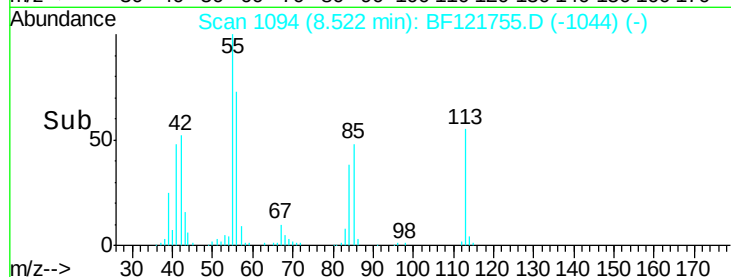
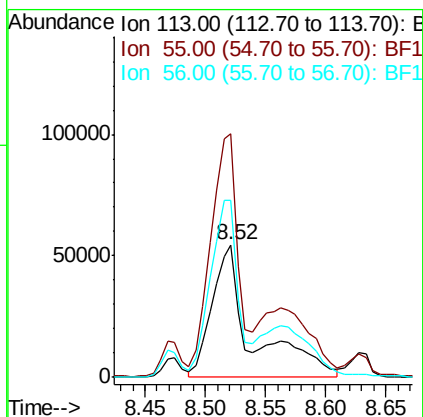
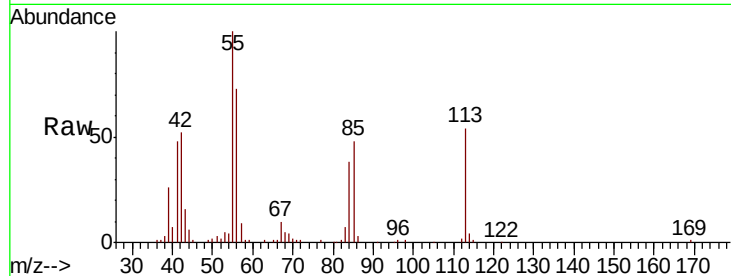
ClientSampleID :

PAV-B18-092920-10-20MSD

Tot Ion:	113	Resp:	126827
Ion Ratio	Lower	Upper	
113	100		
55	183.5	170.7	210.7
56	133.4	122.1	162.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 42.842 ng/mL

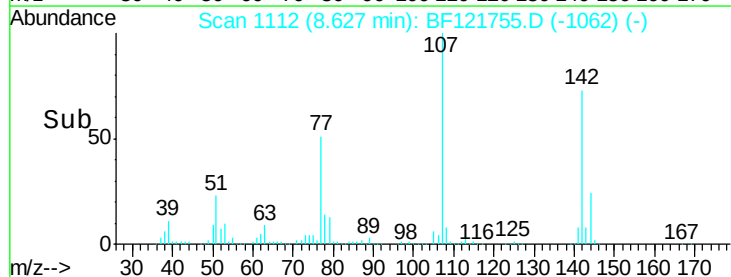
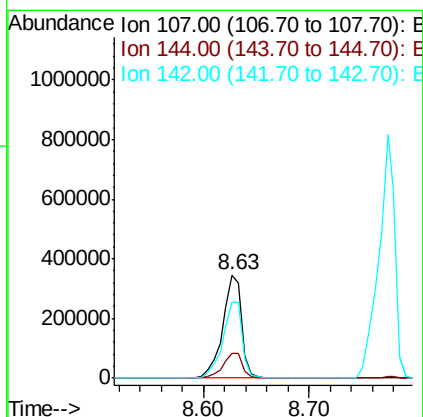
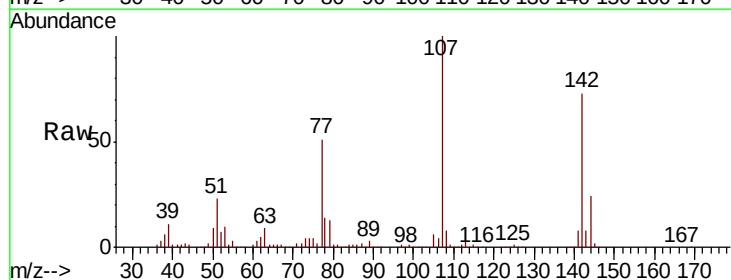
RT: 8.63 min Scan# 1112

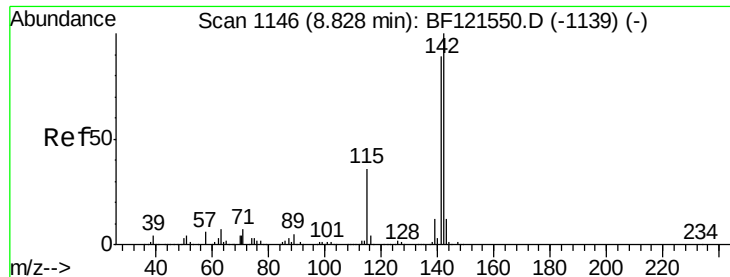
Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Tgt Ion:	107	Resp:	430855
Ion Ratio	Lower	Upper	
107	100		
144	24.5	21.2	31.8
142	73.2	62.2	93.2





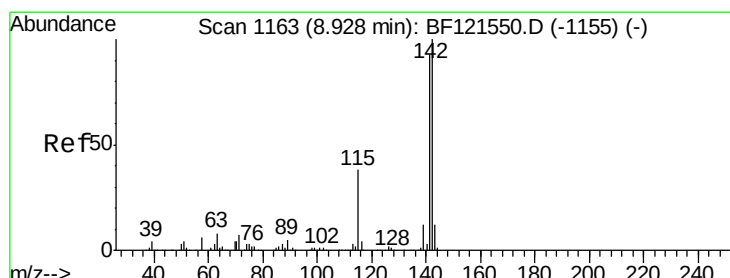
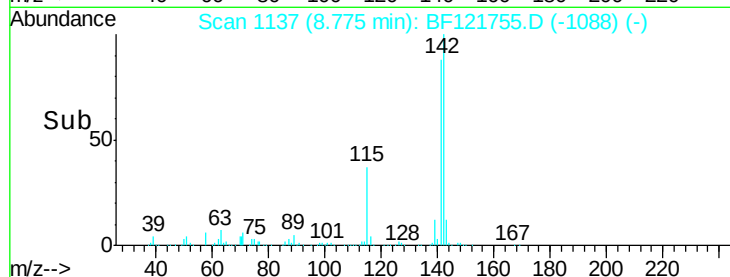
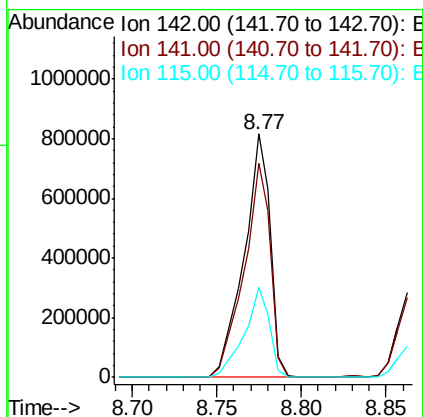
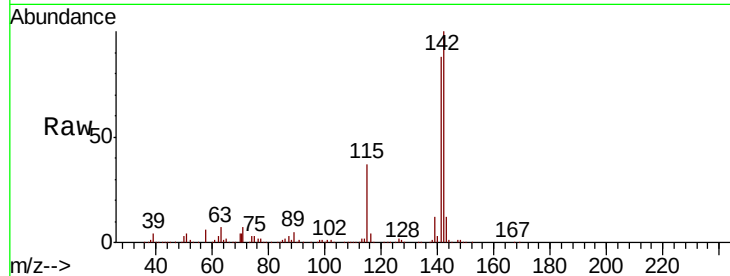
#37
2-Methylnaphthalene
Concen: 41.826 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.1	105.1
115	36.8	28.0	42.0

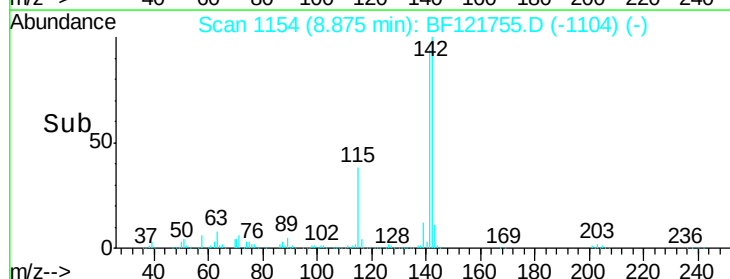
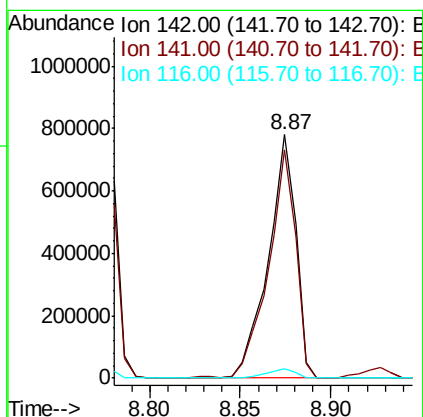
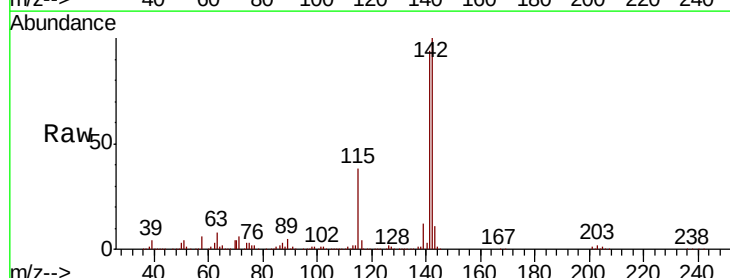
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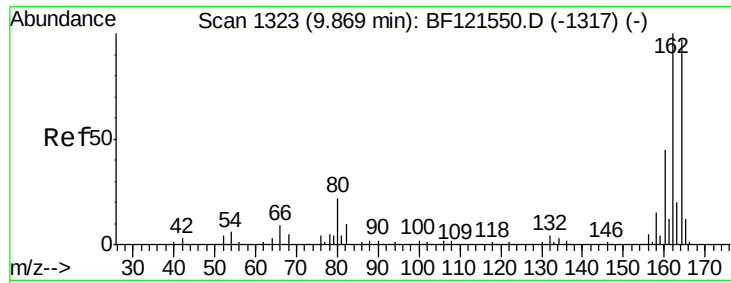
mohammad
10/1/2020 1:32:37 PM



#38
1-Methylnaphthalene
Concen: 41.776 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.2	109.8
116	4.1	3.2	4.8





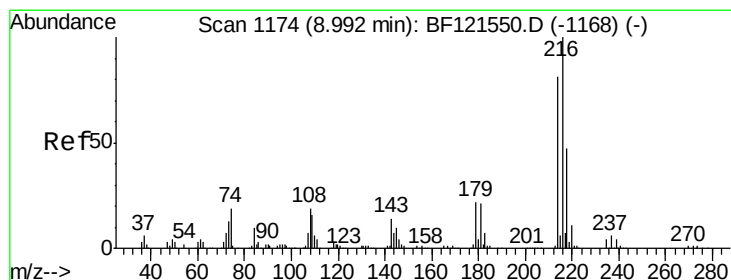
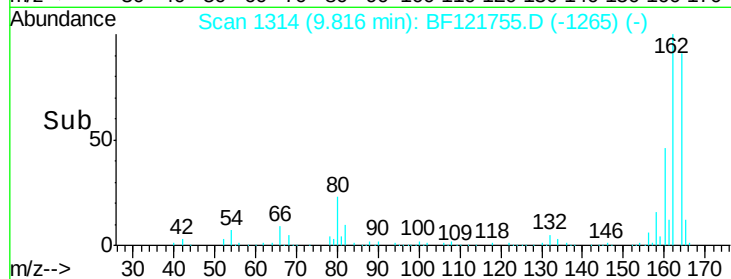
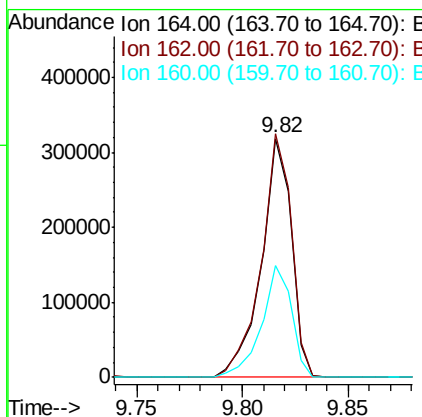
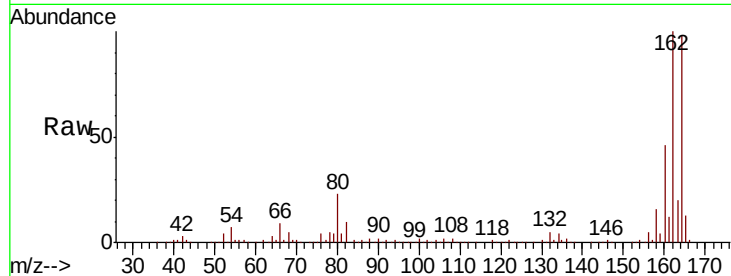
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	121.0
160	46.9	36.9	55.3

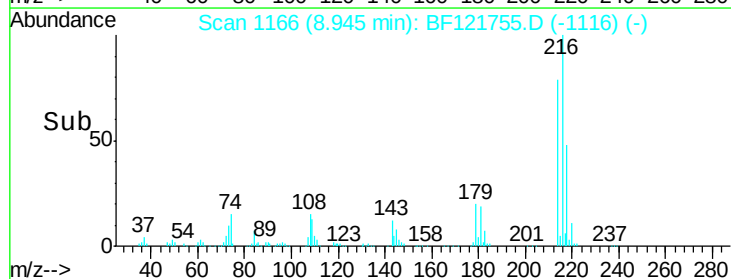
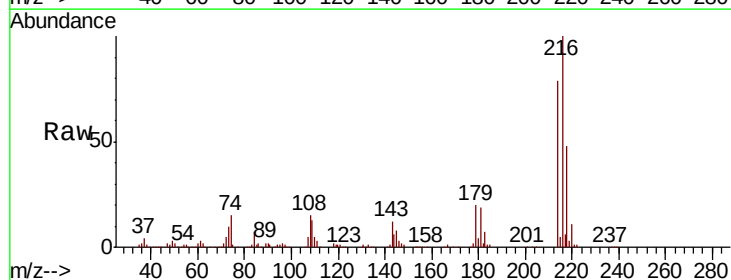
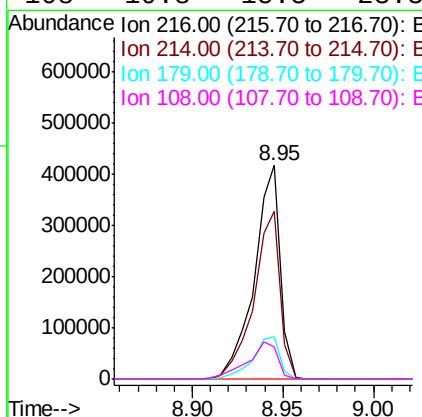
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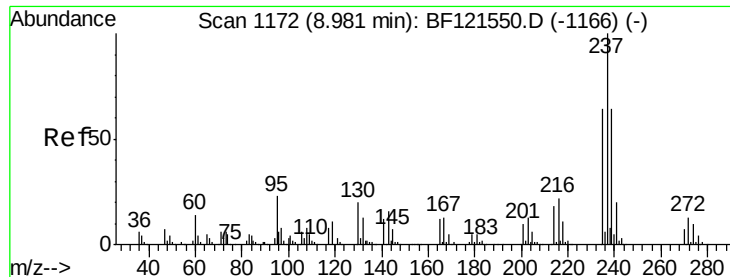
mohammad
10/1/2020 1:32:37 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.786 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.0	96.0
179	20.9	16.8	25.2
108	19.8	15.5	23.3





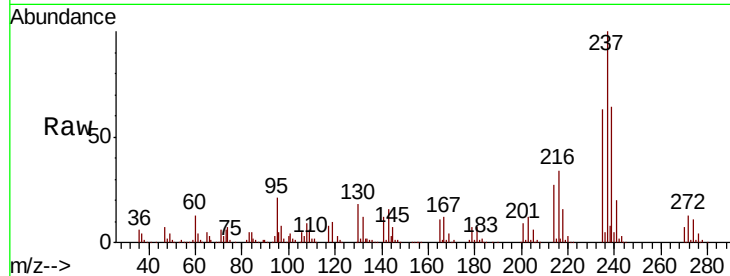
#41
Hexachlorocyclopentadiene
Concen: 50.048 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

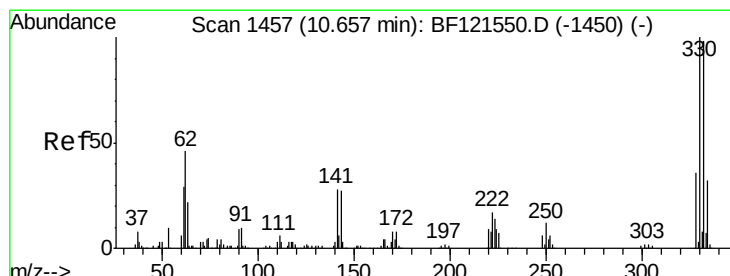
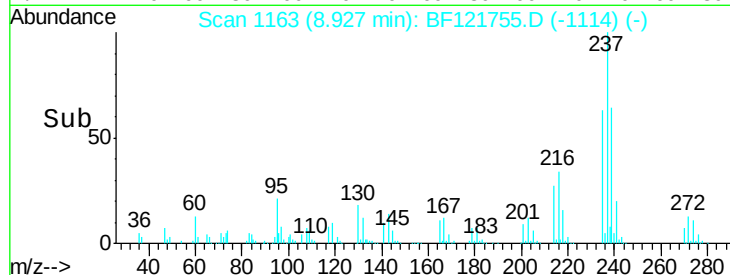
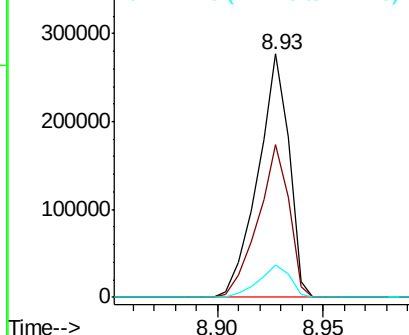
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.8	42.3	82.3
272	13.4	0.0	33.4

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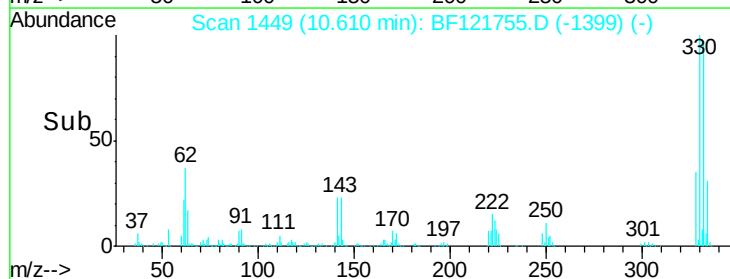
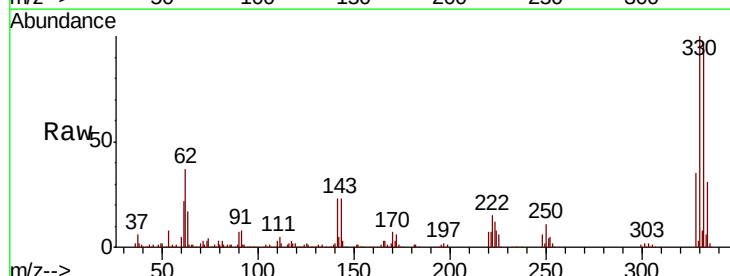
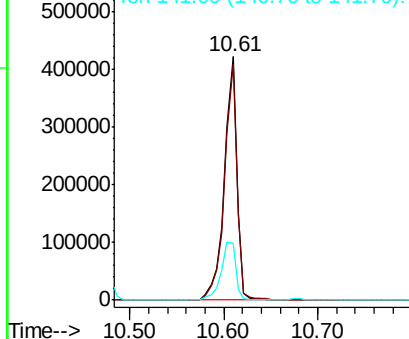
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

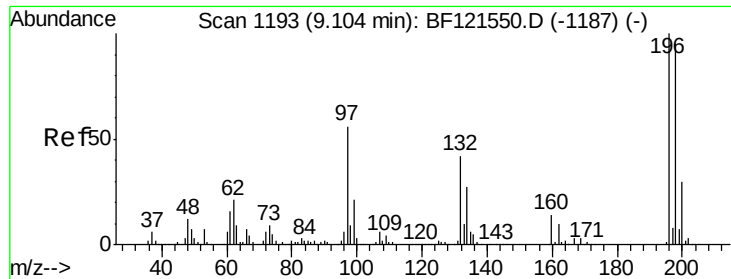


#42
2,4,6-Tribromophenol
Concen: 100.456 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.9	77.6	116.4
141	28.1	22.9	34.3

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





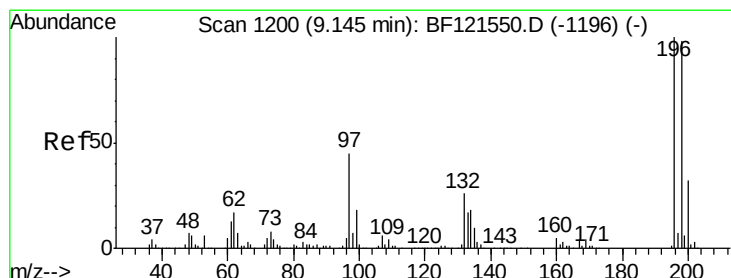
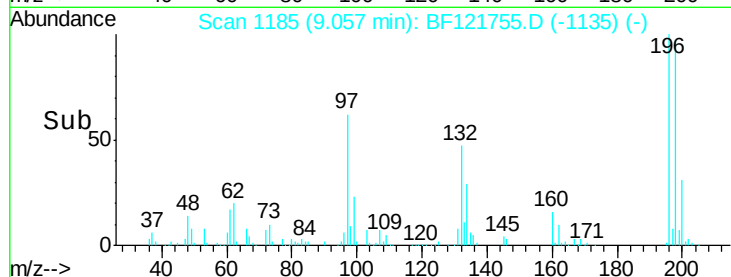
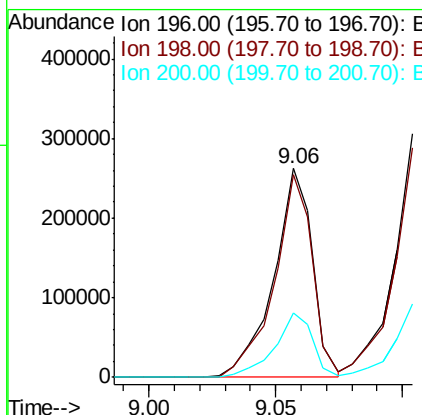
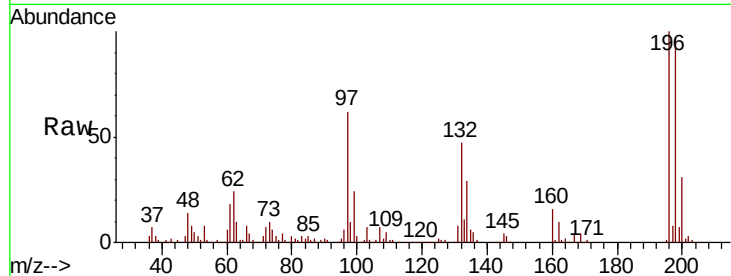
#43
 2,4,6-Trichlorophenol
 Concen: 41.378 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion:	196	Resp:	279754
Ion Ratio	Lower	Upper	
196	100		
198	96.8	75.4	113.0
200	30.6	24.2	36.4

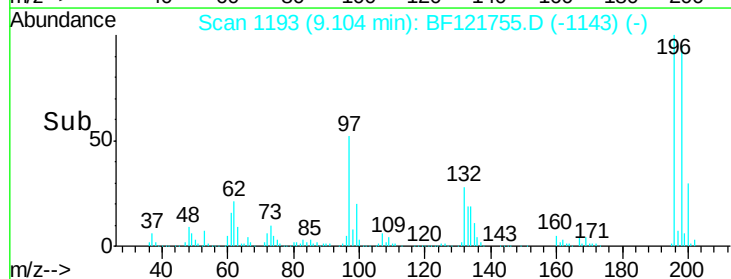
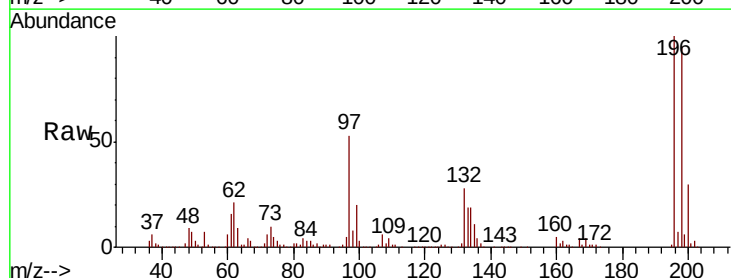
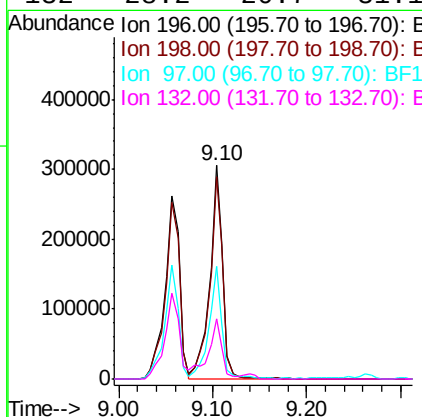
Manual Integrations
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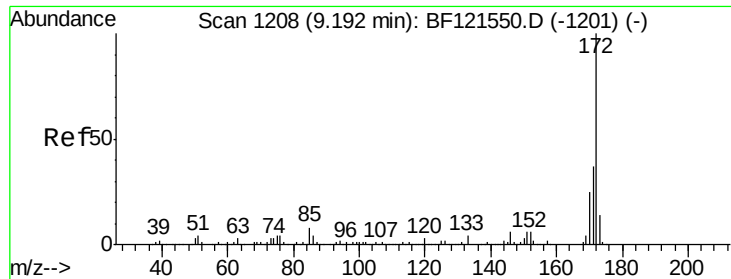
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.486 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion:	196	Resp:	296516
Ion Ratio	Lower	Upper	
196	100		
198	94.5	76.9	115.3
97	52.7	36.9	55.3
132	28.2	20.7	31.1





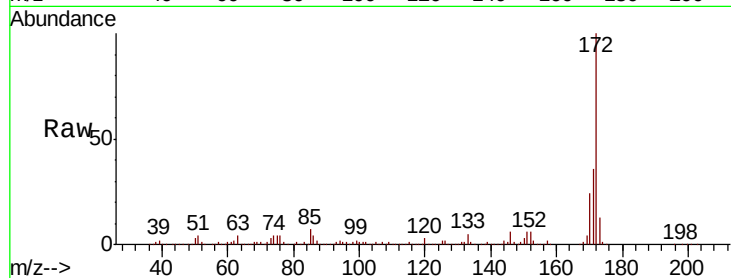
#45
2-Fluorobiphenyl
Concen: 74.740 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

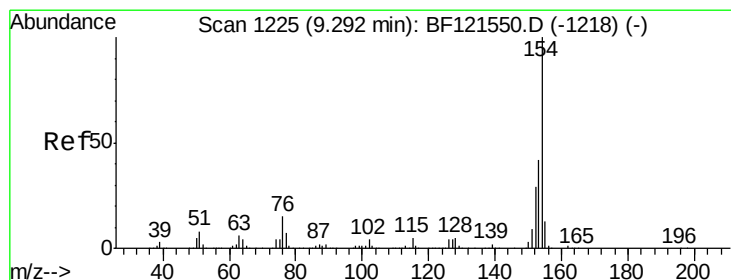
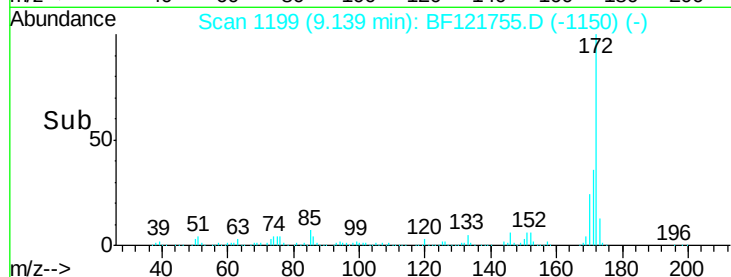
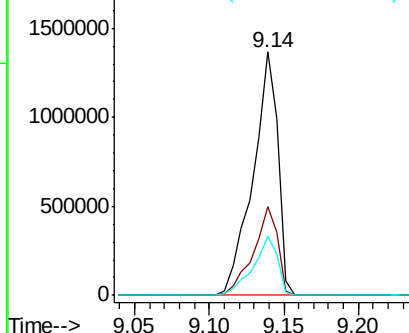
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	24.2	19.7	29.5

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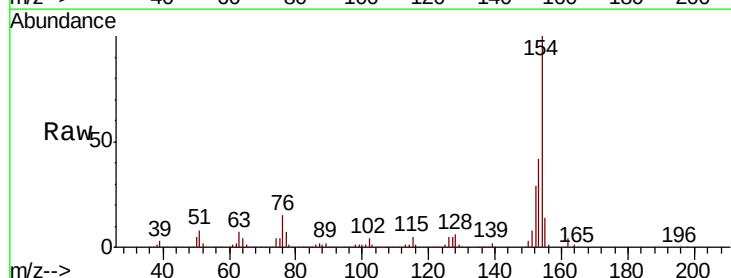


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

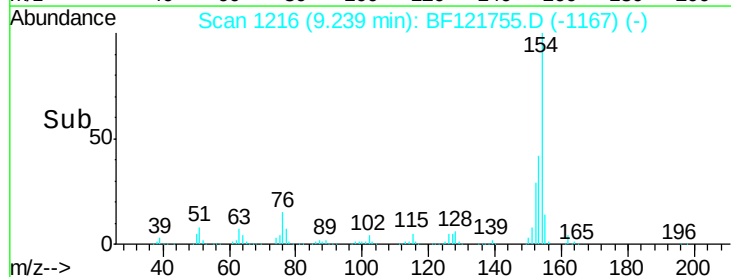
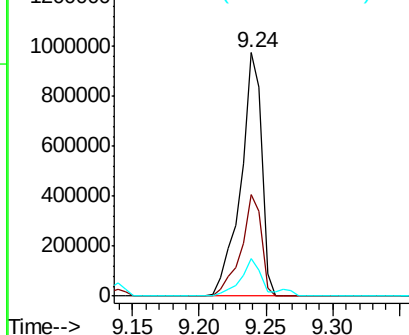


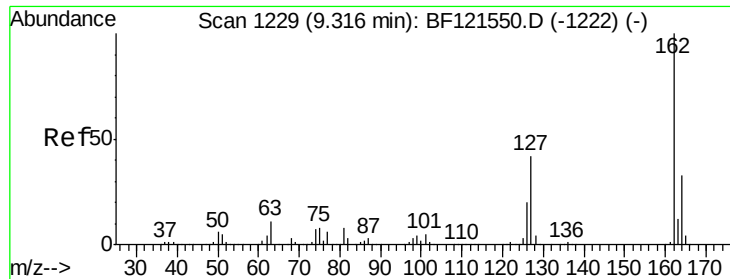
#46
1,1'-Biphenyl
Concen: 41.550 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.2	61.2
76	15.4	0.0	33.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





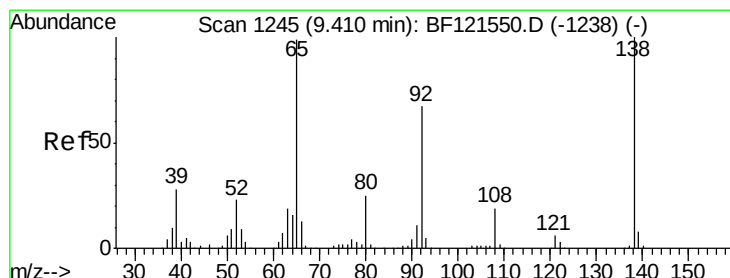
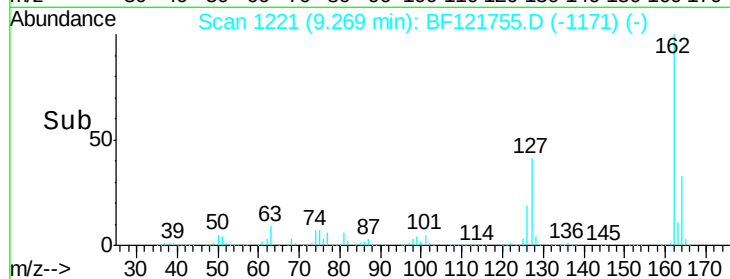
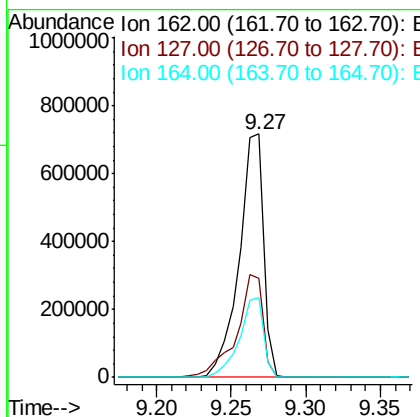
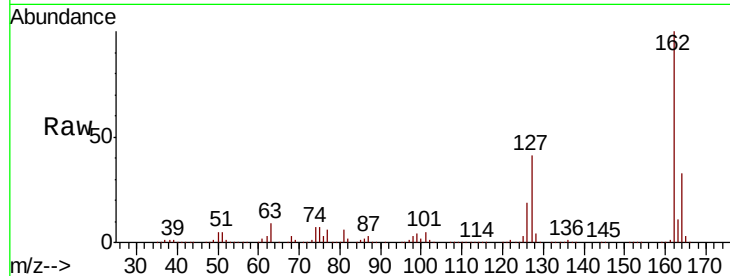
#47
 2-Chloronaphthalene
 Concen: 40.698 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		815280		
127	40.5	33.8		50.6	
164	33.0	26.2		39.4	

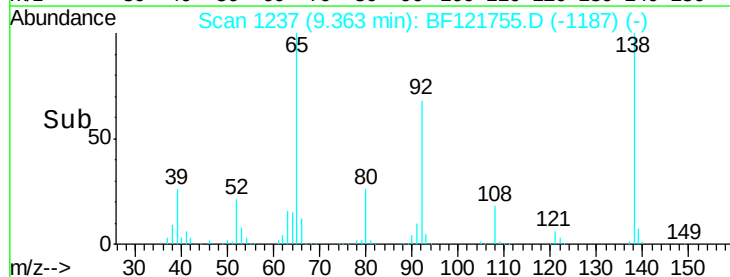
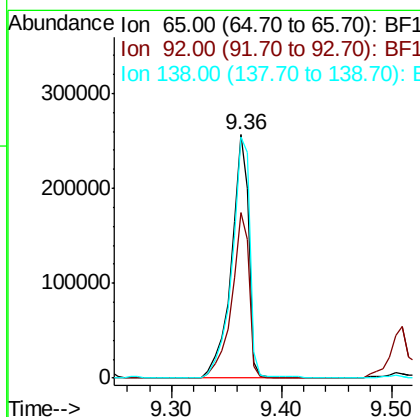
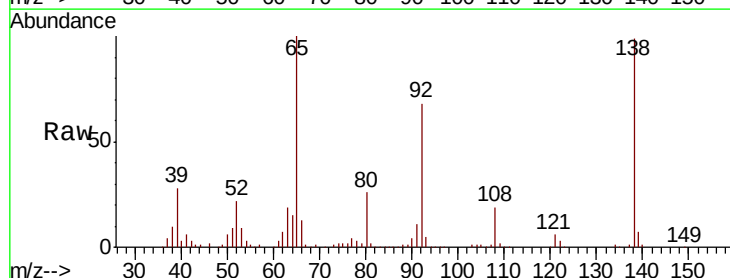
Manual Integrations
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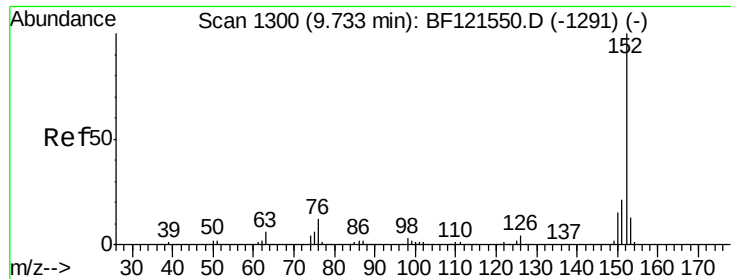
mohammad
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#48
 2-Nitroaniline
 Concen: 45.425 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		282780		
92	67.8	53.1		79.7	
138	98.9	76.7		115.1	





#49

Acenaphthylene

Concen: 40.838 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

Tot Ion:152 Resp: 1256992

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

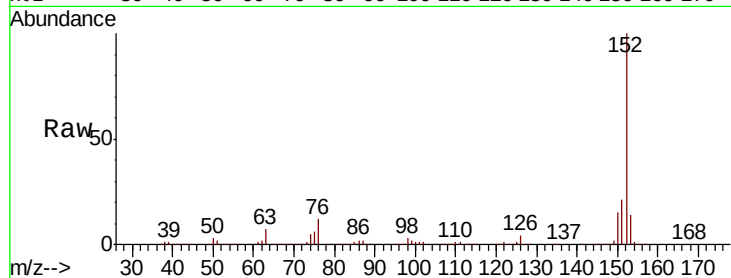
153 13.7 10.9 16.3

Manual Integrations

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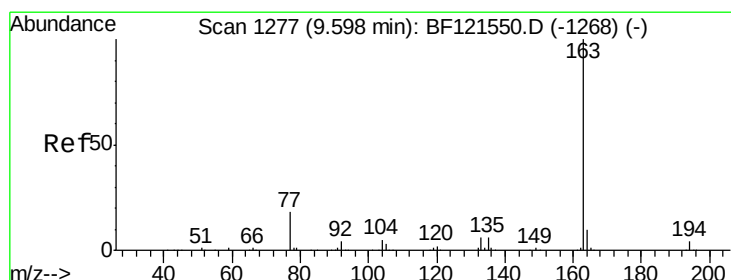
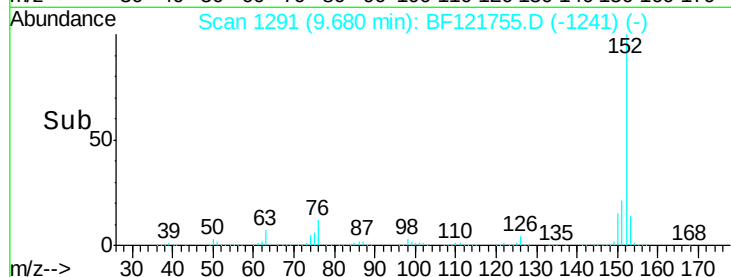
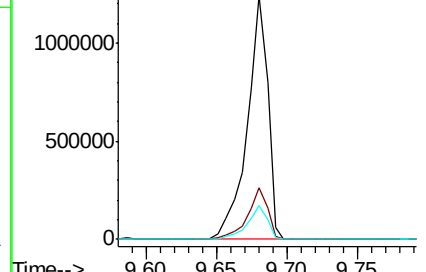
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.330 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

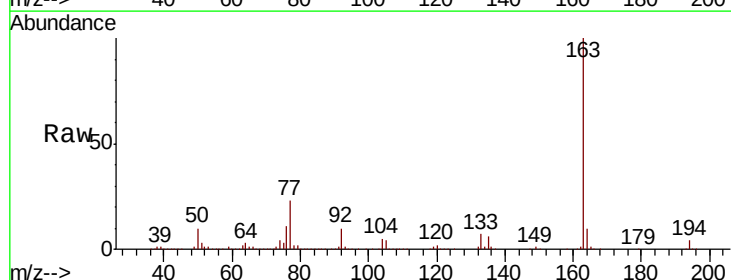
Tgt Ion:163 Resp: 1135330

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

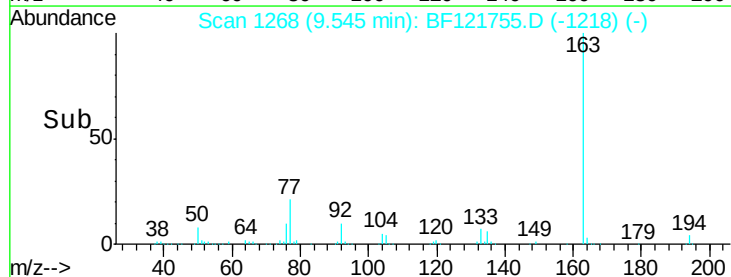
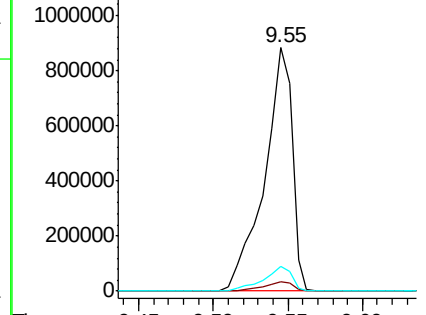
164 10.3 8.5 12.7

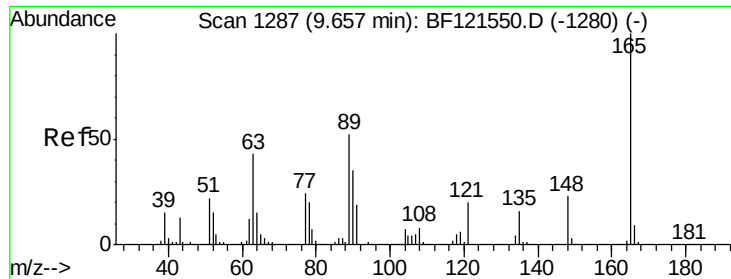


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





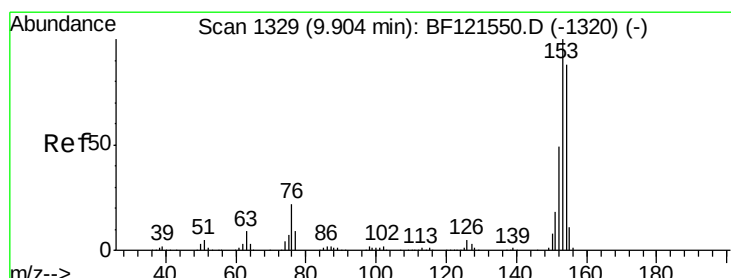
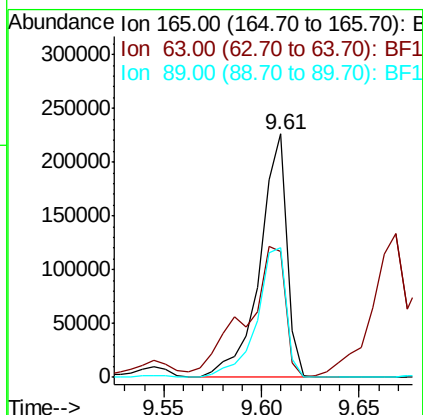
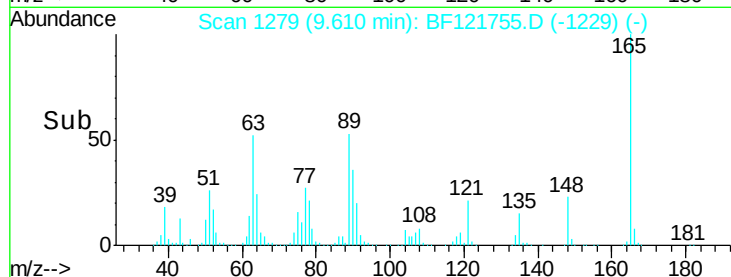
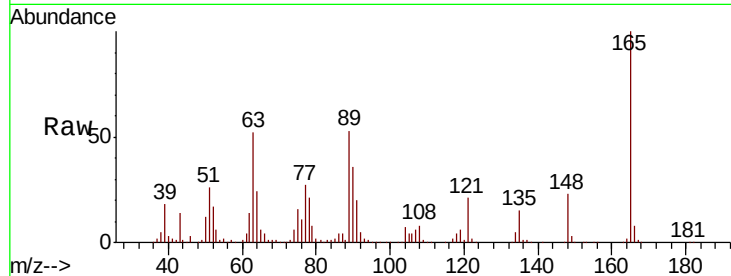
#51
 2,6-Dinitrotoluene
 Concen: 44.409 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	217666		
63	52.0	43.8	65.6	
89	53.1	43.0	64.4	

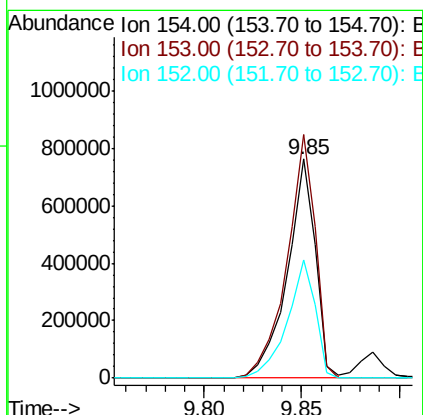
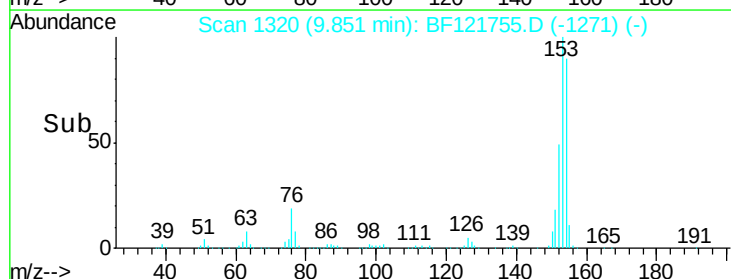
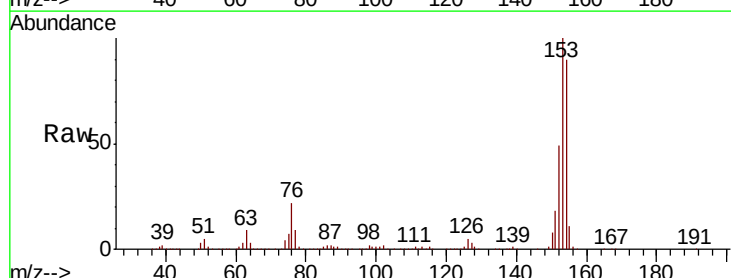
Manual Integrations
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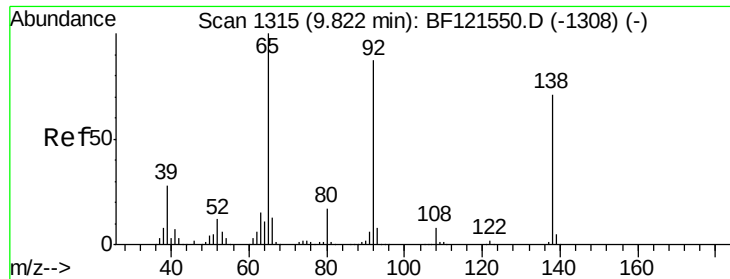
mohammad
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#52
 Acenaphthene
 Concen: 39.104 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	760215		
153	111.3	90.7	136.1	
152	54.2	43.9	65.9	





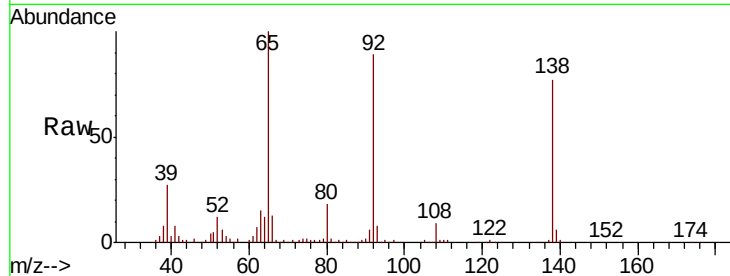
#53
3-Nitroaniline
Concen: 21.490 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

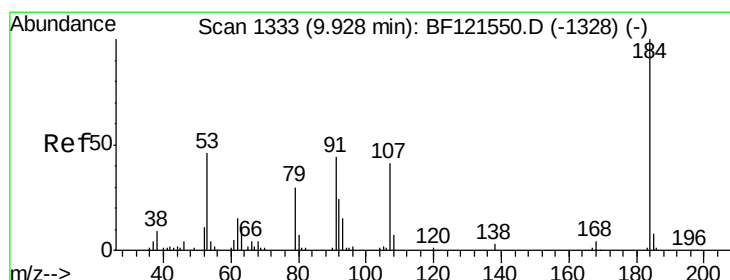
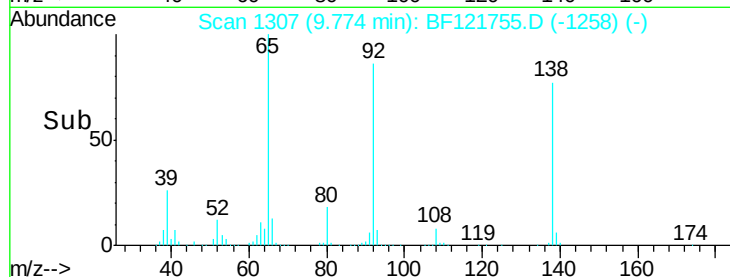
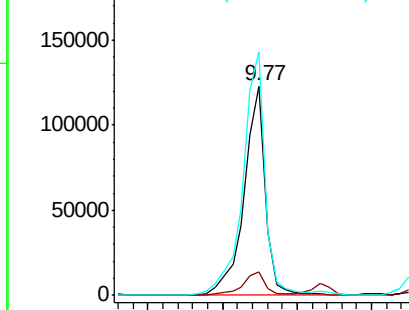
Tot Ion	Ratio	Resp	Lower	Upper
138	100	122019		
108	11.1	9.0	13.4	
92	116.5	93.4	140.0	

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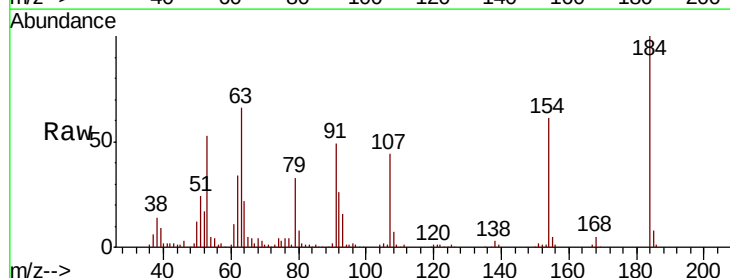


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

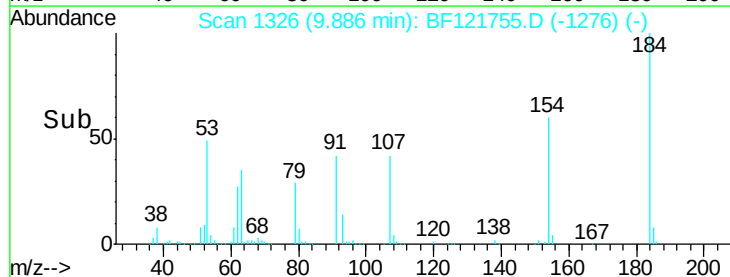
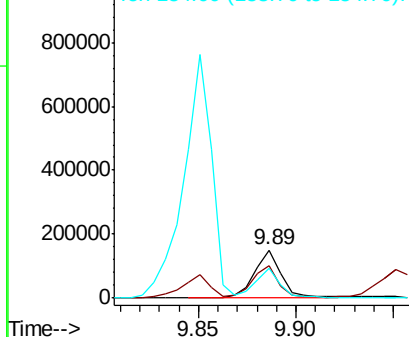


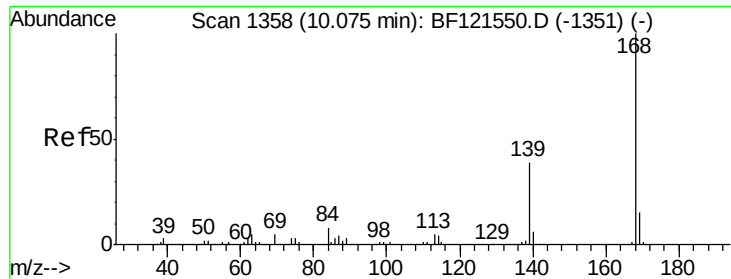
#54
2,4-Dinitrophenol
Concen: 54.663 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	145397		
63	66.2	50.1	75.1	
154	60.7	47.0	70.6	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





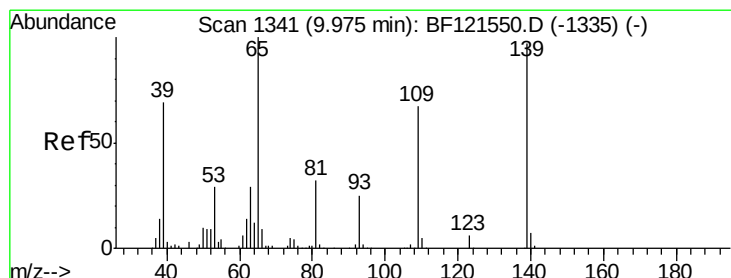
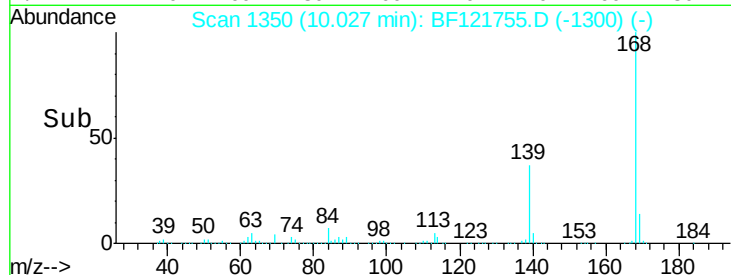
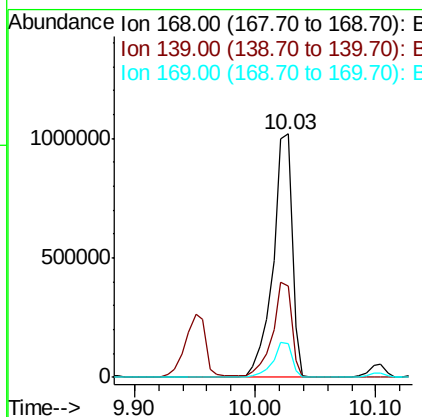
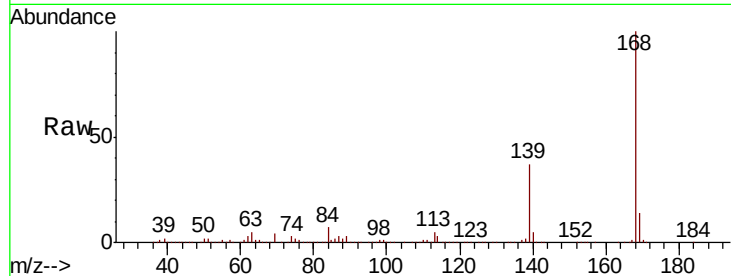
#55
Dibenzofuran
Concen: 40.619 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.3	45.5
169	13.9	11.2	16.8

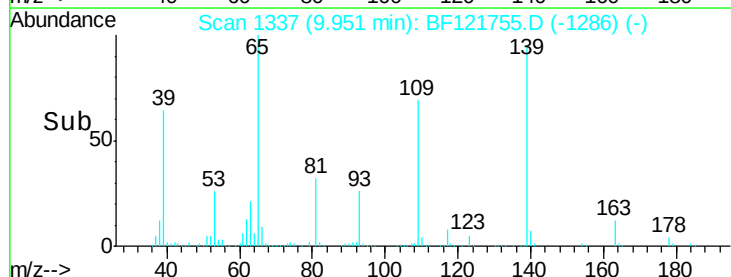
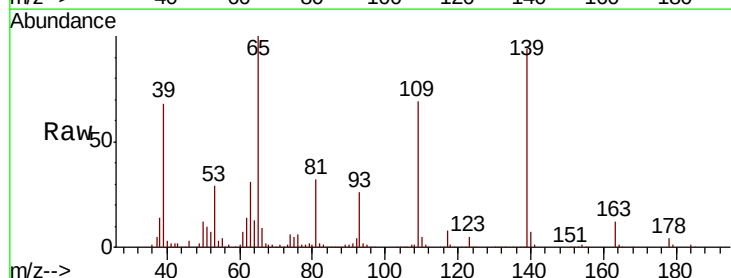
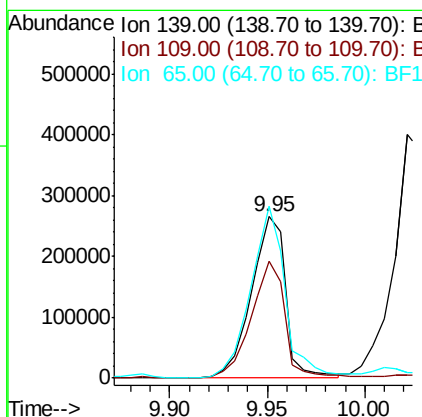
Manual Integrations
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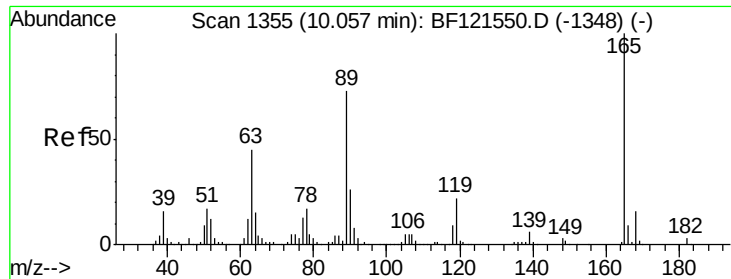
mohammad
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#56
4-Nitrophenol
Concen: 71.444 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.9	48.4	88.4
65	106.3	77.7	117.7





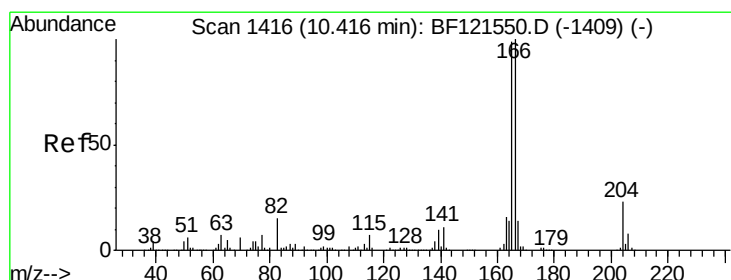
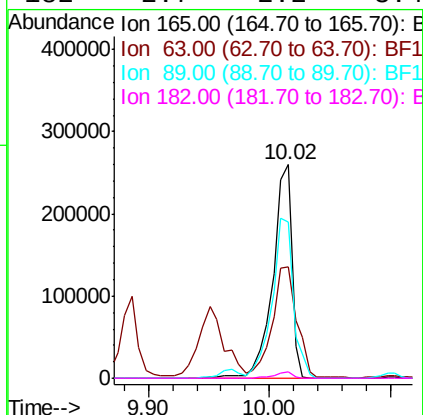
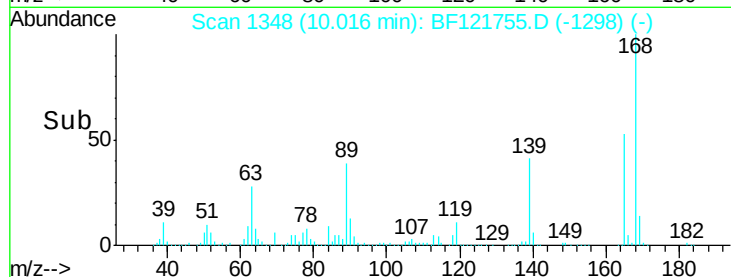
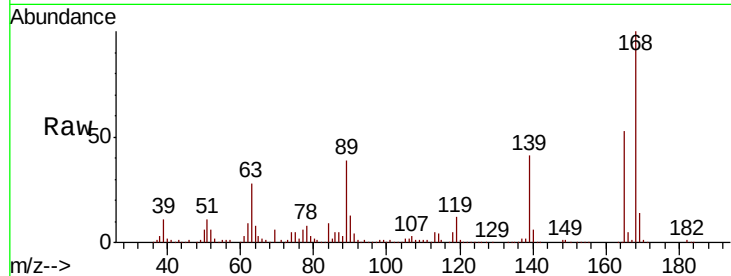
#57
2,4-Dinitrotoluene
Concen: 45.708 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	281850		
63	52.4	39.0	58.6	
89	73.1	57.5	86.3	
182	2.7	2.2	3.4	

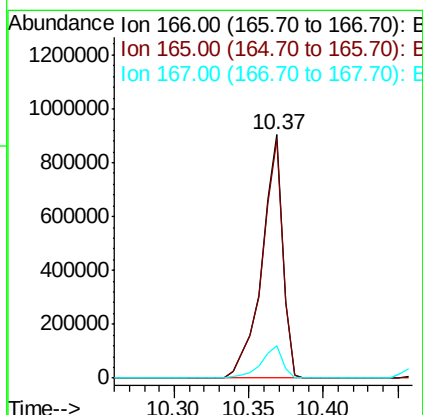
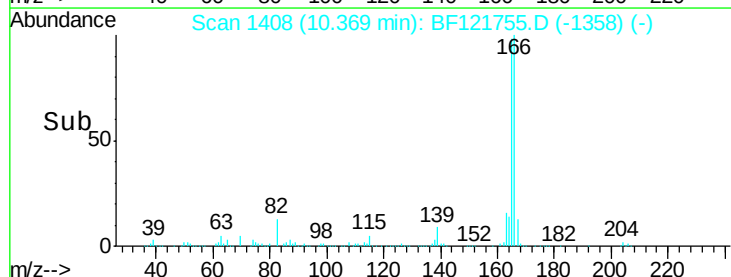
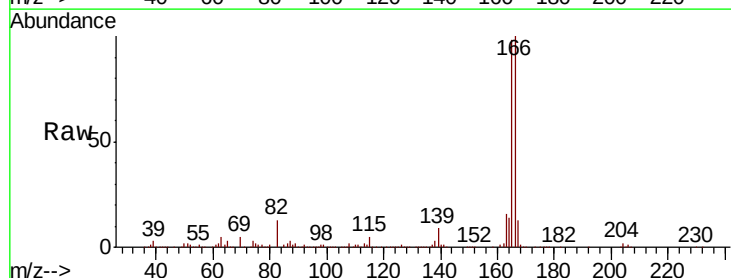
Manual Integrations
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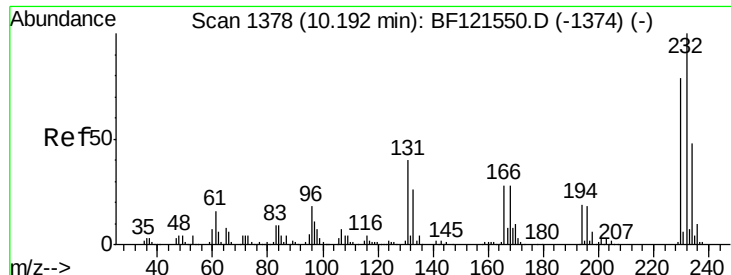
mohammad
10/1/2020 1:32:37 PM



#58
Fluorene
Concen: 41.248 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	863599		
165	97.8	79.2	118.8	
167	13.3	10.6	16.0	





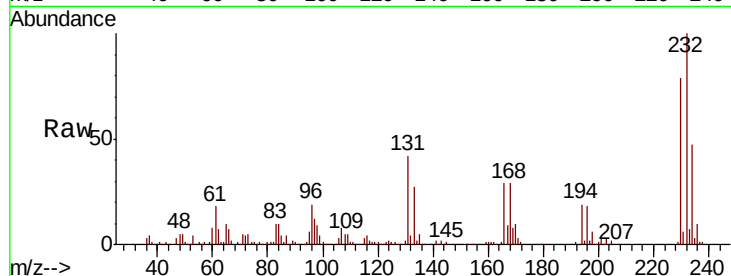
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.551 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

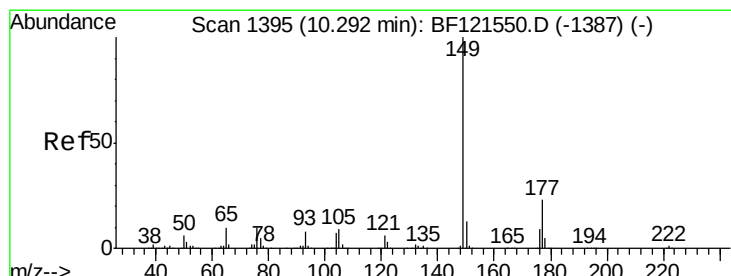
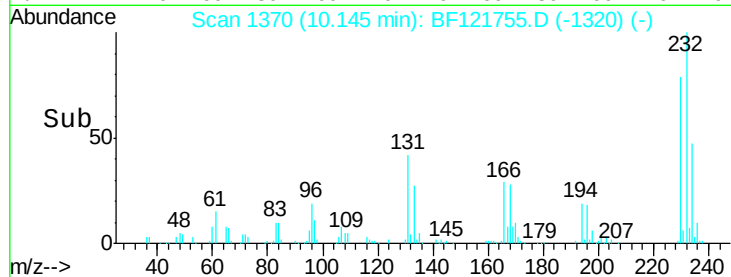
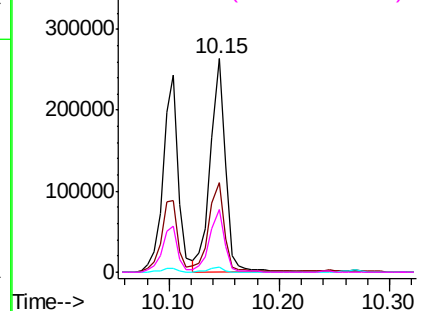
Tot Ion	Ratio	Resp	Lower	Upper
232	100	241438		
131	42.4		34.9	52.3
130	2.4		1.7	2.5
166	28.9		23.7	35.5

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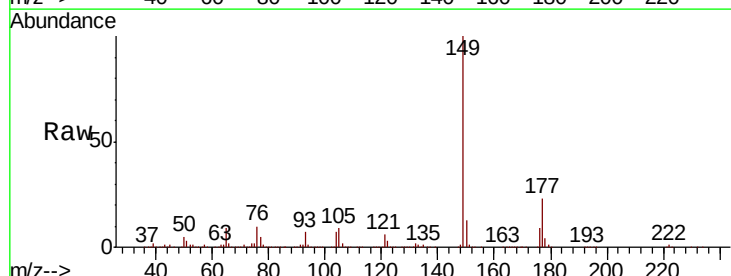


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

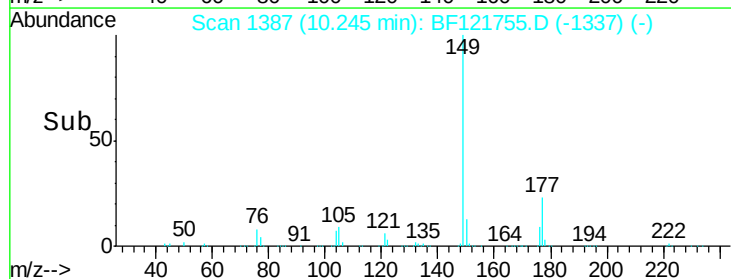
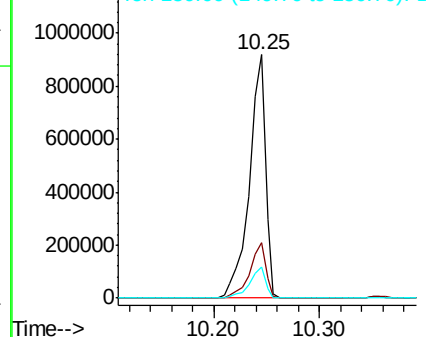


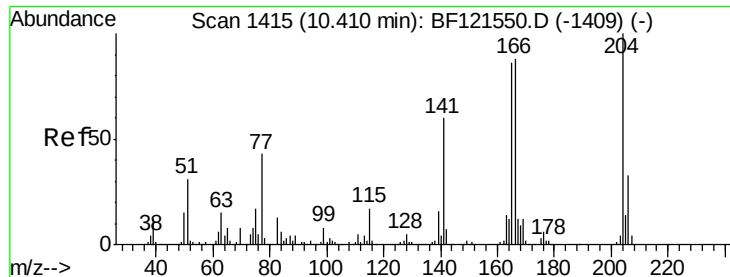
#60
 Diethylphthalate
 Concen: 43.064 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	966315		
177	22.9		18.2	27.2
150	12.7		10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





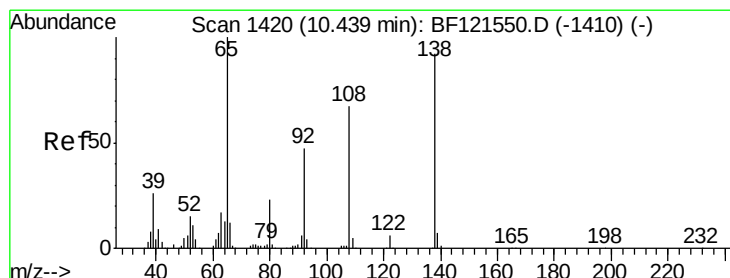
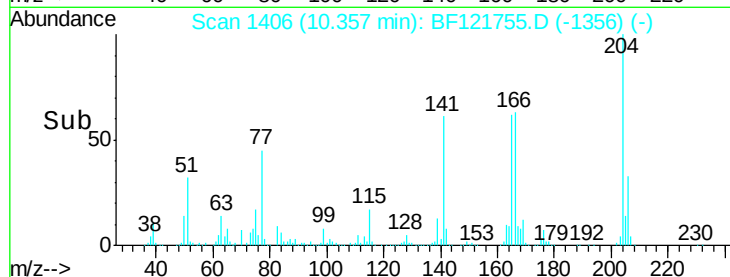
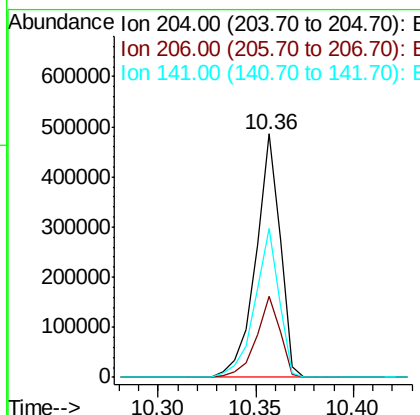
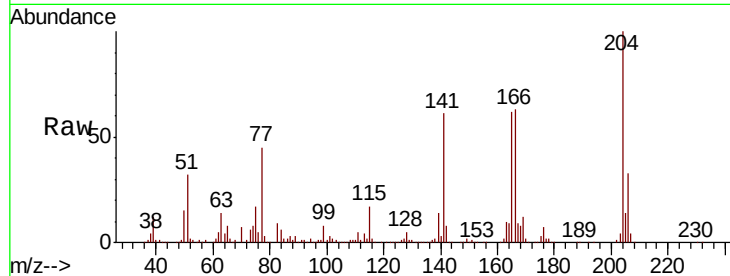
#61
 4-Chlorophenyl-phenylether
 Concen: 41.839 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.9	38.9
141	61.3	51.4	77.0

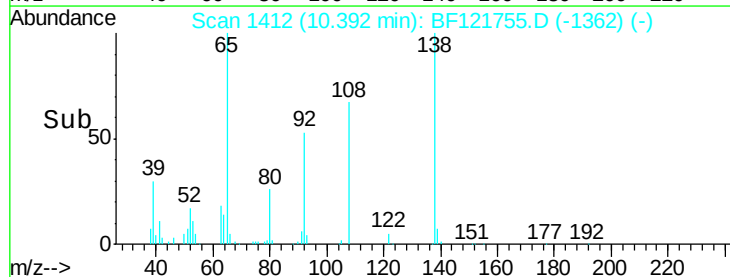
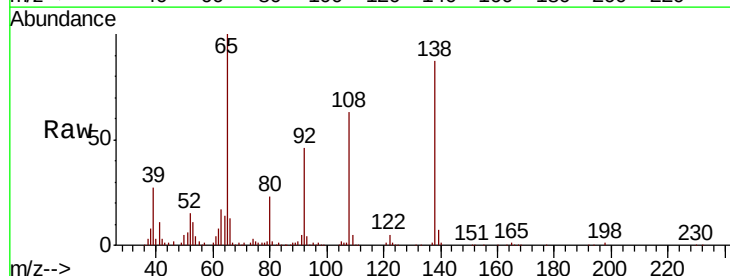
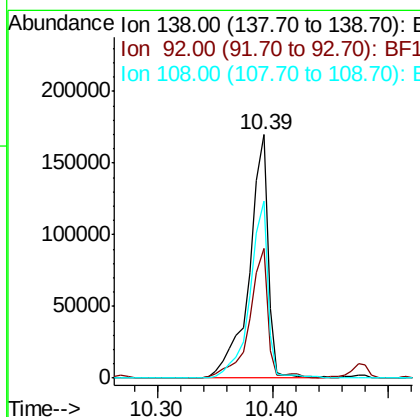
Manual Integrations
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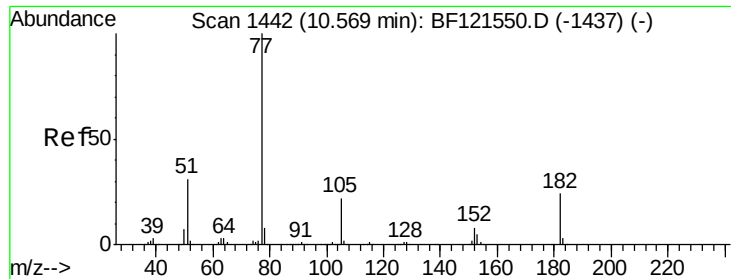
mohammad
 10/1/2020 1:32:37 PM



#62
 4-Nitroaniline
 Concen: 34.246 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	33.6	73.6
108	72.5	53.5	93.5





#63

Azobenzene

Concen: 40.823 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

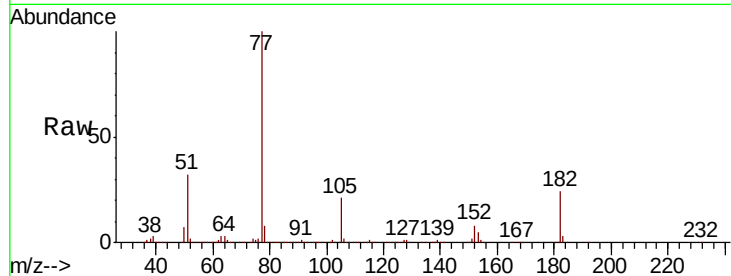
ClientSampleId :

PAV-B18-092920-10-20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		975490		
182	23.9	6.5	46.5		
105	21.5	2.1	42.1		
51	31.5	11.3	51.3		

Manual Integrations
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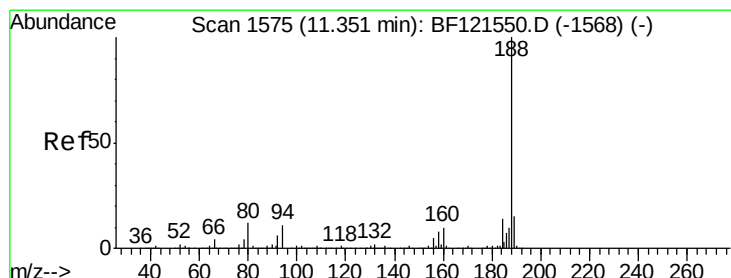
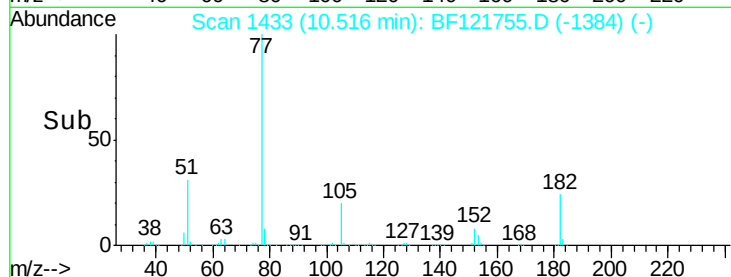
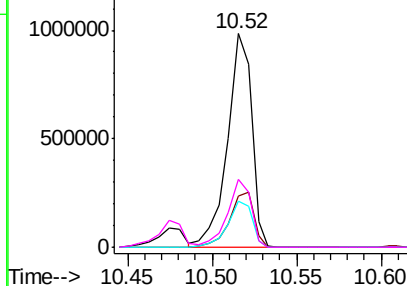


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF121755.D

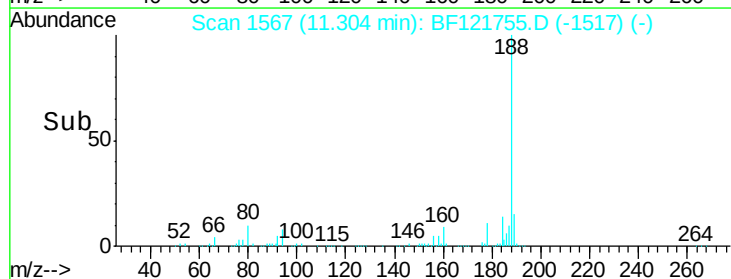
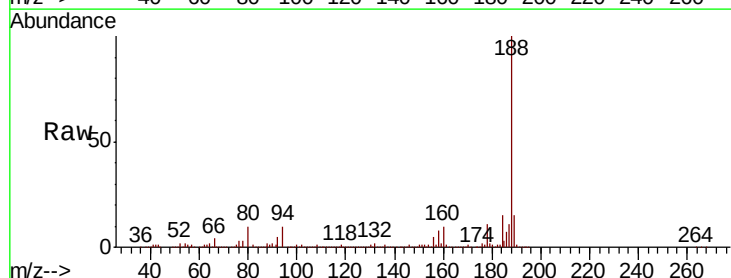
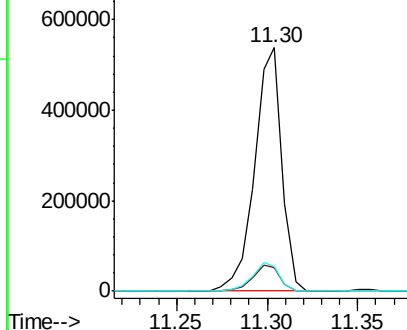
Acq: 30 Sep 2020 23:39

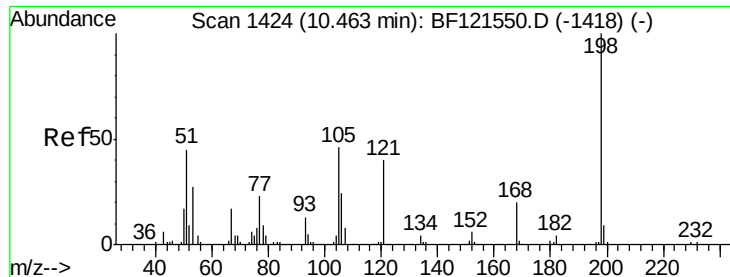
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		559025		
94	9.9	8.2	12.2		
80	10.3	8.9	13.3		

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





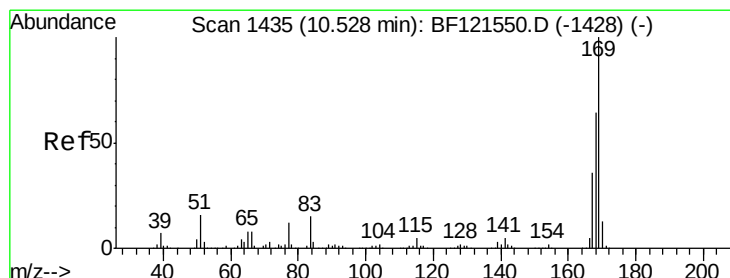
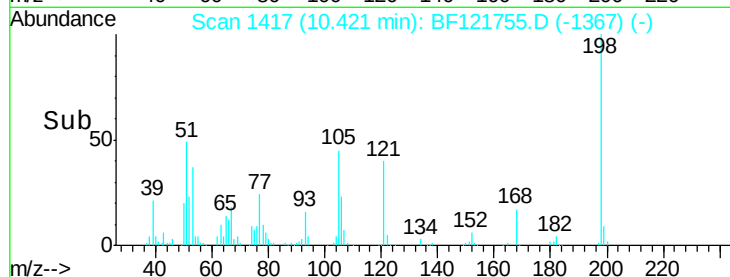
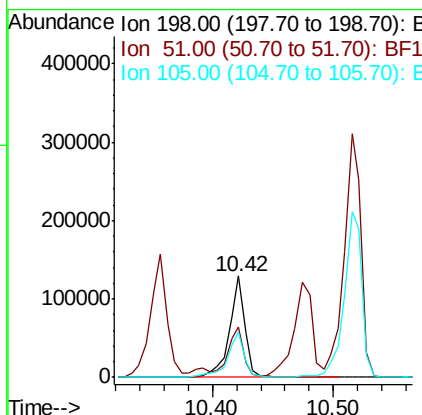
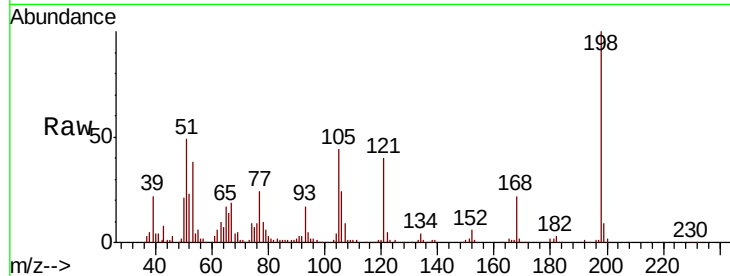
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.677 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	49.2	34.7	74.7
105	44.3	27.8	67.8

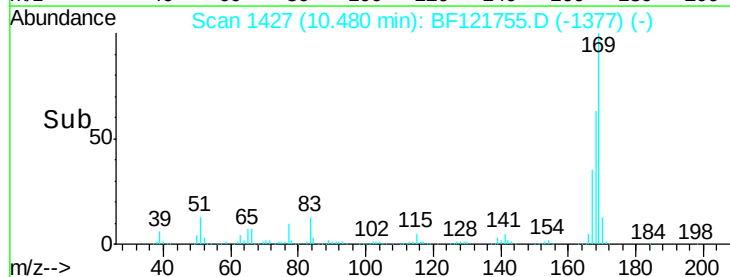
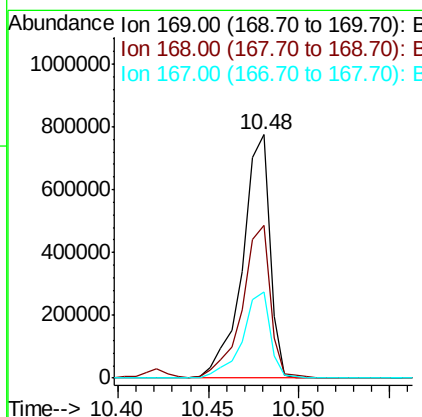
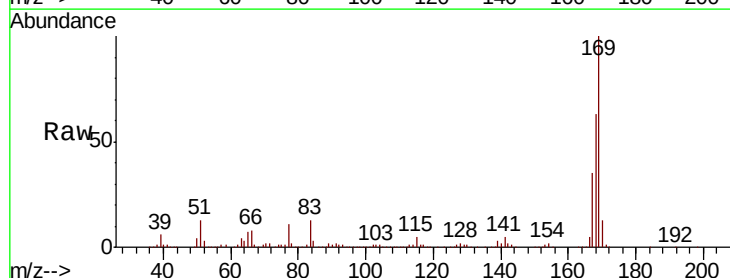
Manual Integrations
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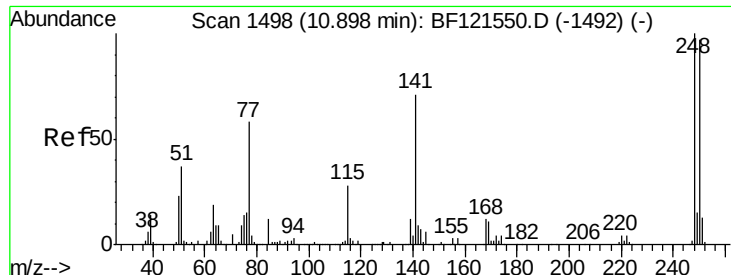
mohammad
 10/1/2020 1:32:37 PM



#66
 n-Nitrosodiphenylamine
 Concen: 42.580 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.8	51.0	76.6
167	35.2	28.4	42.6





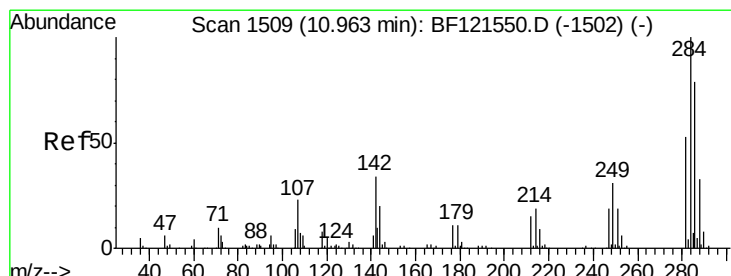
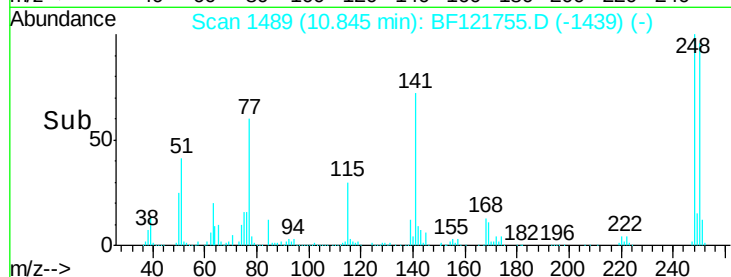
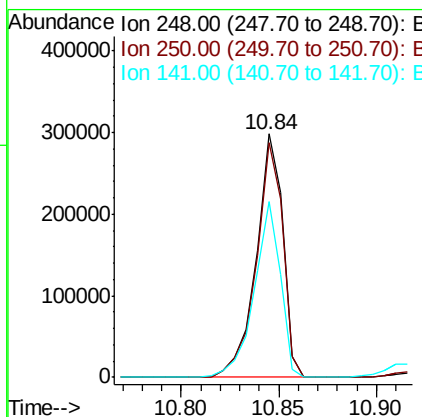
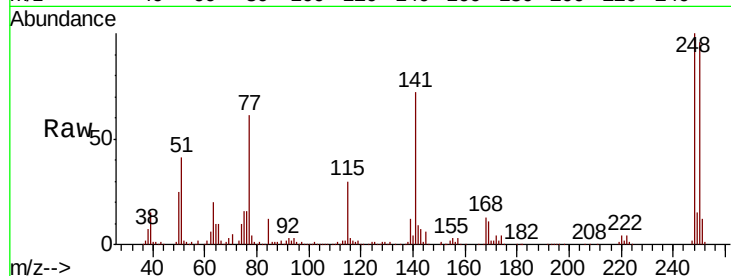
#67
 4-Bromophenyl-phenylether
 Concen: 44.387 ng
 RT: 10.84 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion:	248	Resp:	282513
Ion Ratio	Lower	Upper	
248	100		
250	96.5	78.6	118.0
141	72.4	60.0	90.0

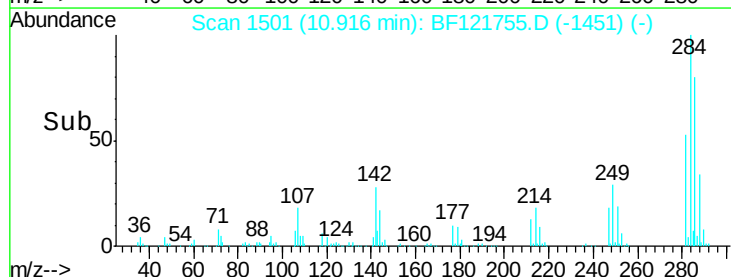
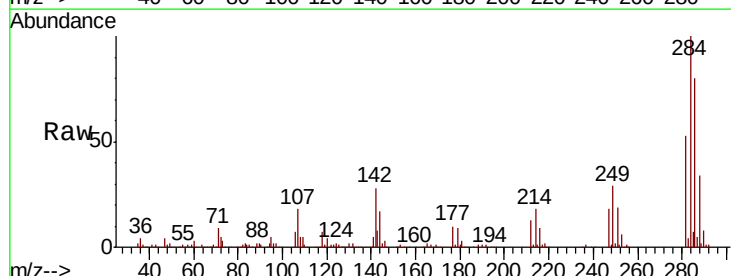
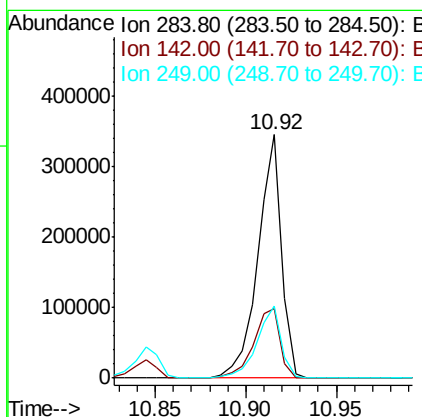
Manual Integrations
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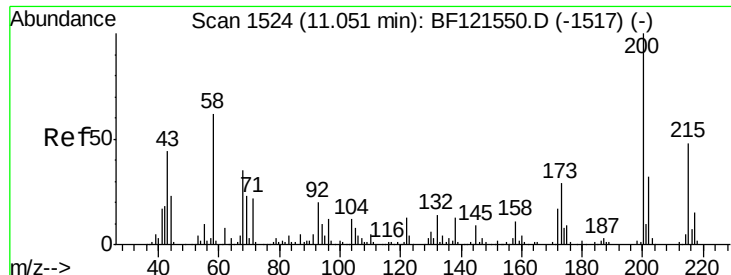
mohammad
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#68
 Hexachlorobenzene
 Concen: 43.477 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion:	284	Resp:	312289
Ion Ratio	Lower	Upper	
284	100		
142	28.4	24.1	36.1
249	29.4	23.8	35.8





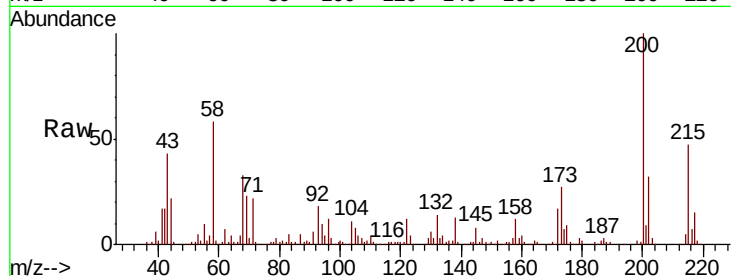
#69
Atrazine
Concen: 40.850 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	194642		
173	27.0	7.9	47.9	
215	46.6	28.3	68.3	

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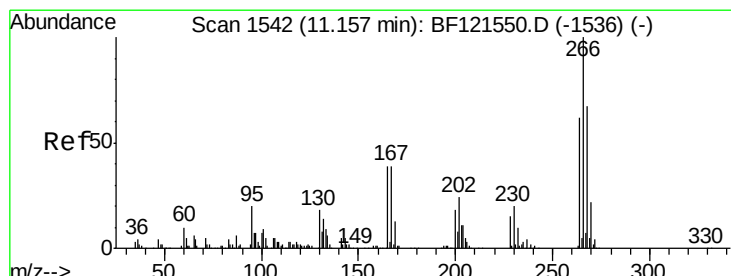
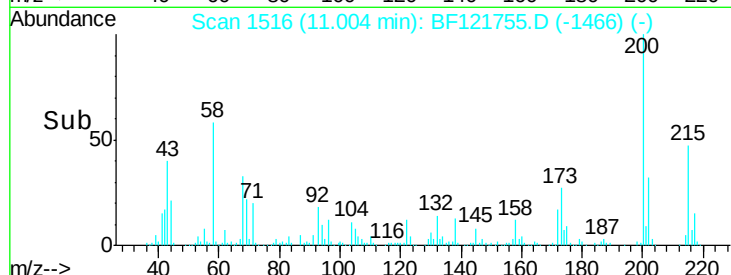
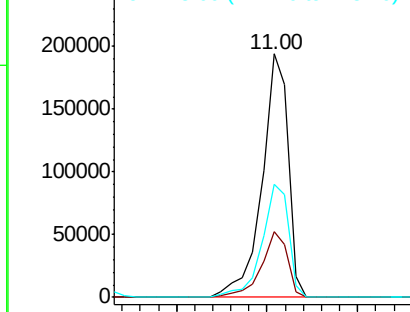


Abundance

Ion 200.00 (199.70 to 200.70): E

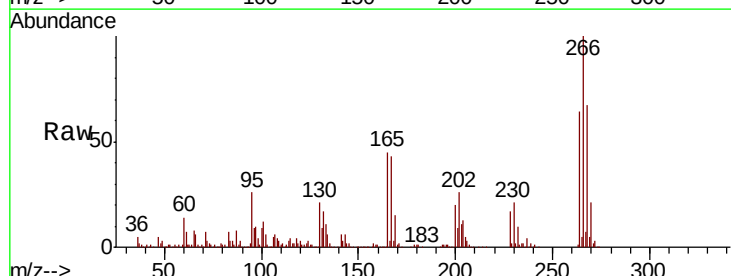
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 76.650 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	302360		
268	66.5	53.2	79.8	
264	63.7	50.1	75.1	

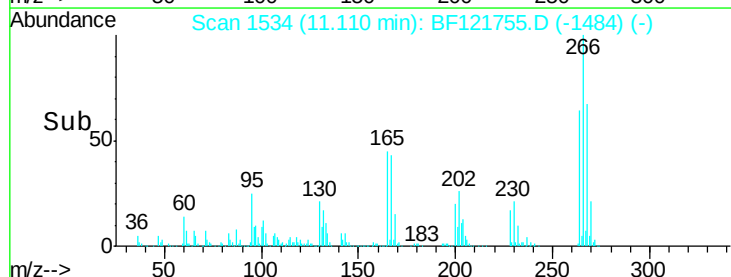
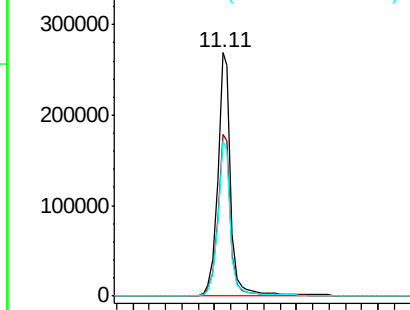


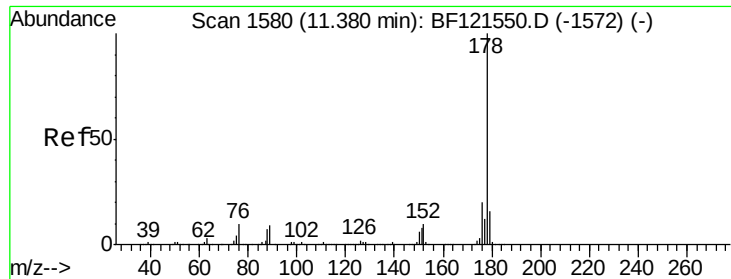
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





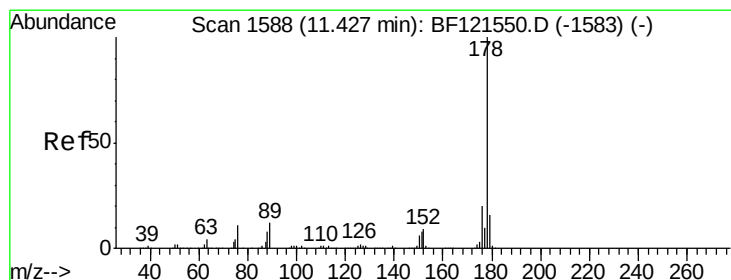
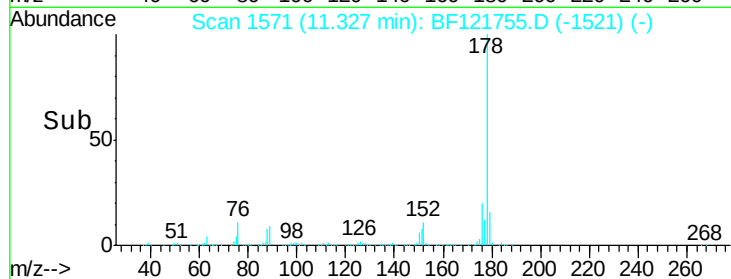
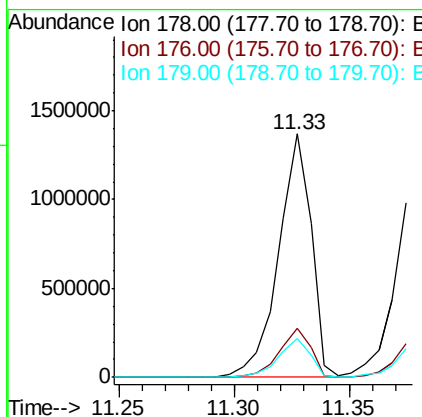
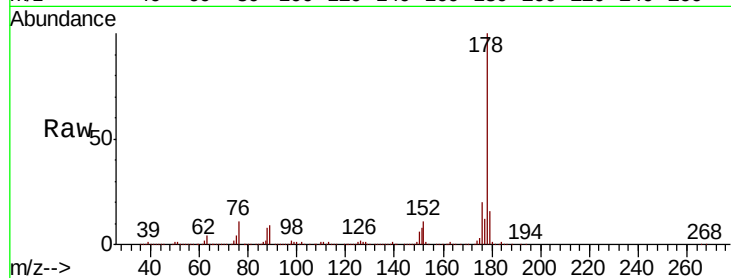
#71
Phenanthrene
Concen: 43.886 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion:178 Resp: 1336680
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.1 12.6 19.0

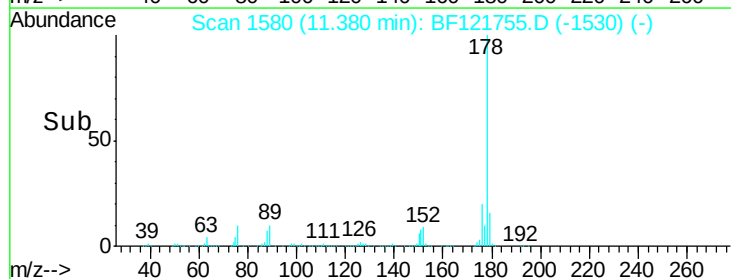
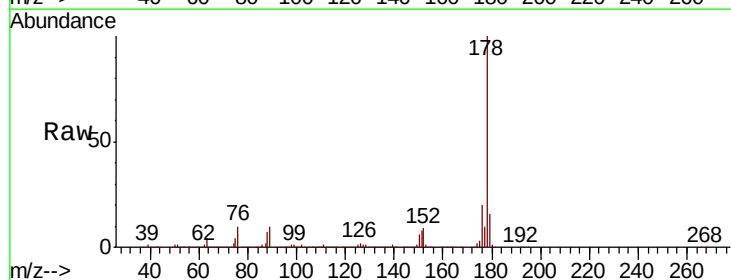
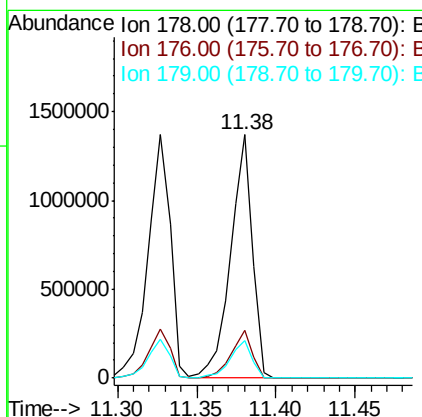
Manual Integrations
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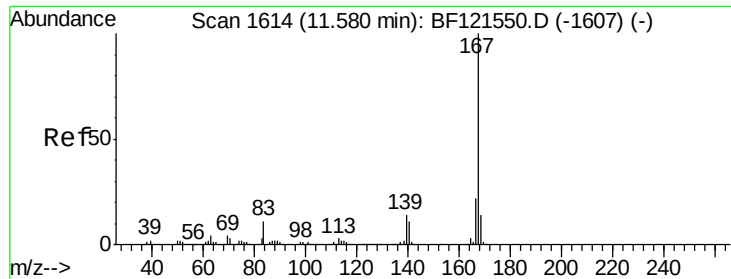
mohammad
10/1/2020 1:32:37 PM



#72
Anthracene
Concen: 41.559 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion:178 Resp: 1306262
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.7 12.6 19.0





#73

Carbazole

Concen: 39.838 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20MSD

Tot Ion:167 Resp: 1129954

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

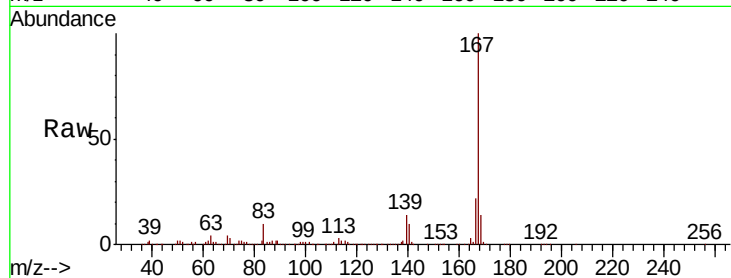
139 13.7 10.9 16.3

Manual Integrations

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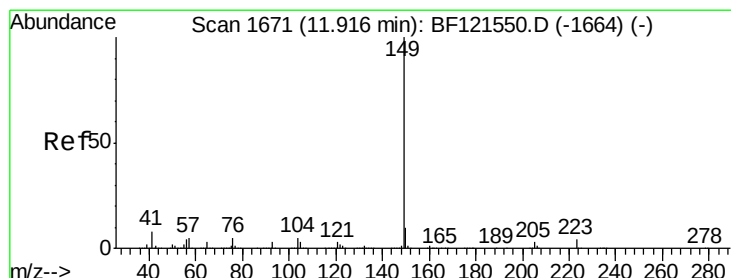
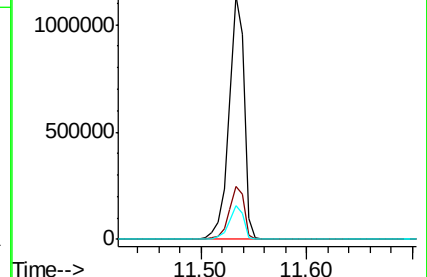
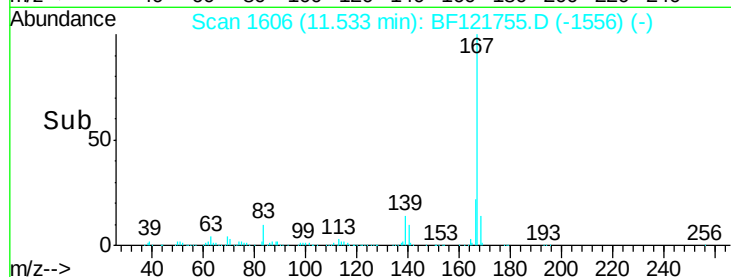
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.191 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

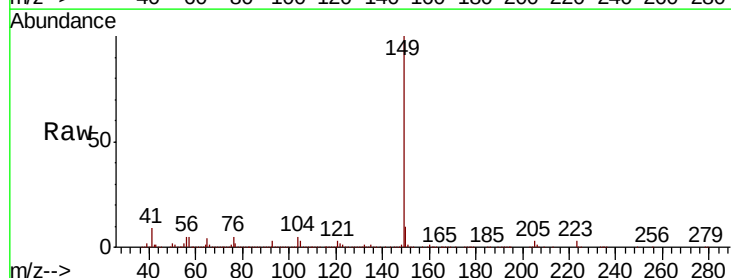
Tgt Ion:149 Resp: 1413936

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

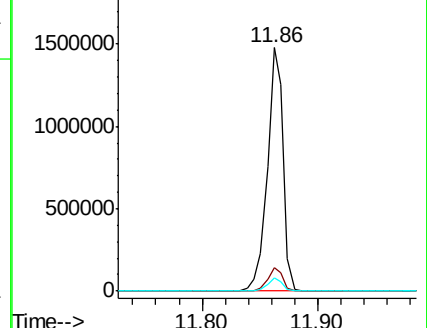
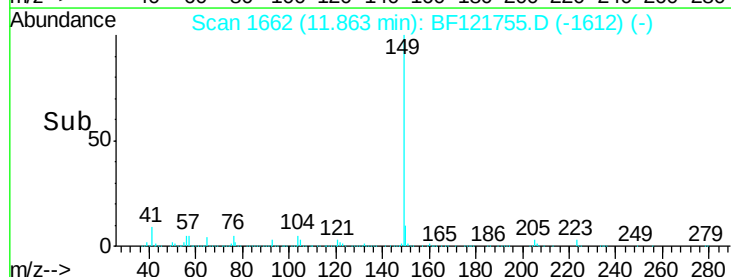
104 5.4 4.2 6.4

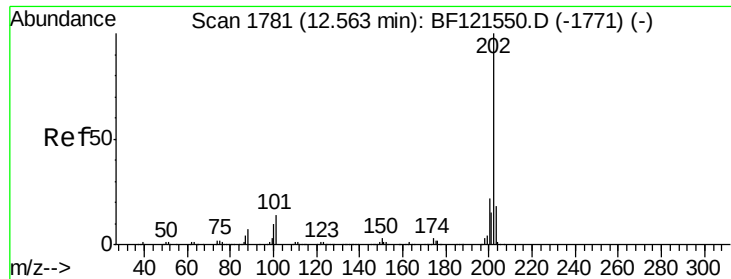


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.958 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

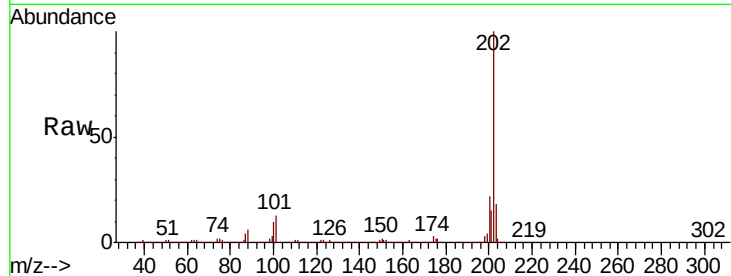
ClientSampleId :

PAV-B18-092920-10-20MSD

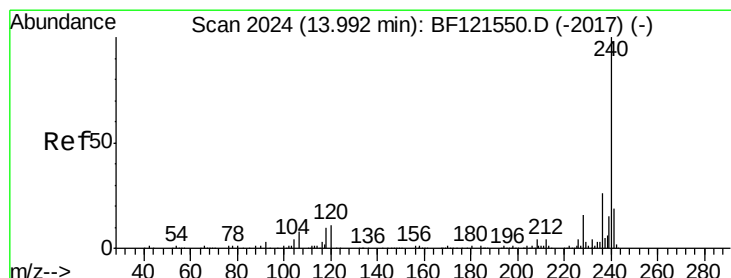
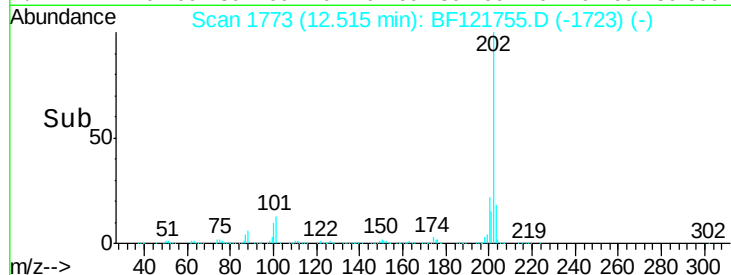
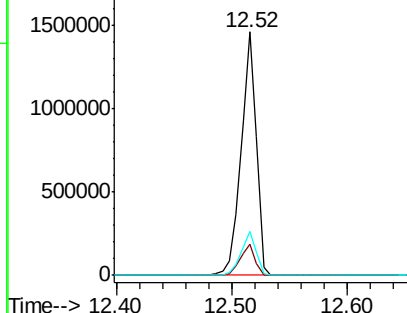
Tot Ion:	202	Resp:	1331699
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.0
203	18.3	0.0	38.0

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

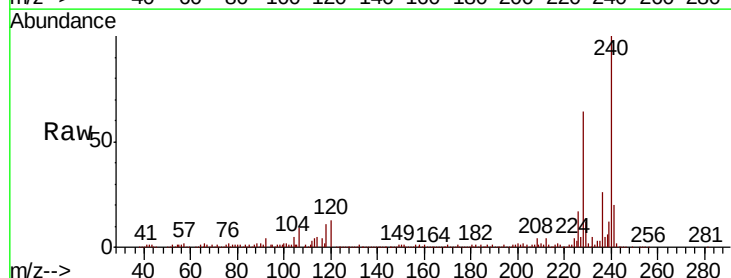
RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

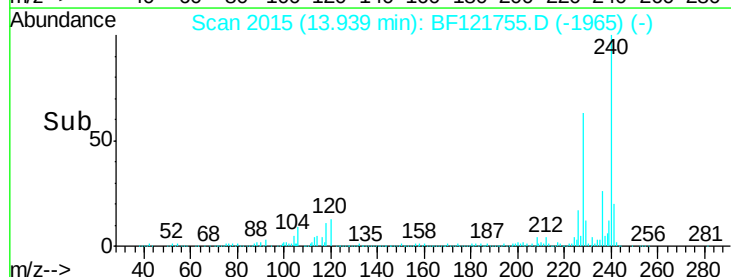
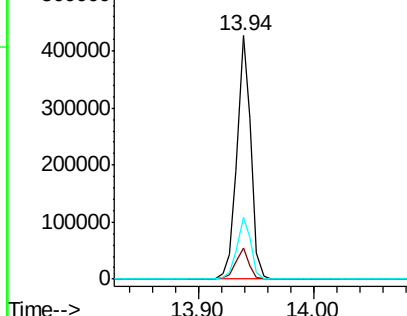
Lab File: BF121755.D

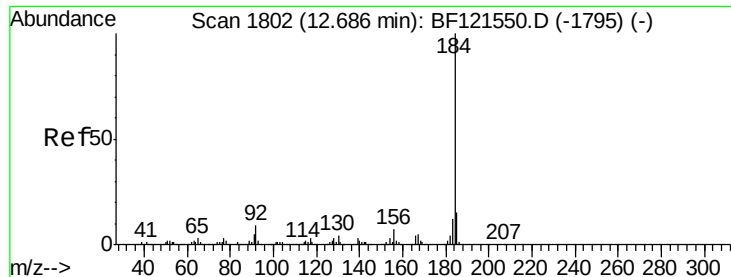
Acq: 30 Sep 2020 23:39

Tgt Ion:	240	Resp:	355435
Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.2	15.4
236	25.6	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
500000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.224 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

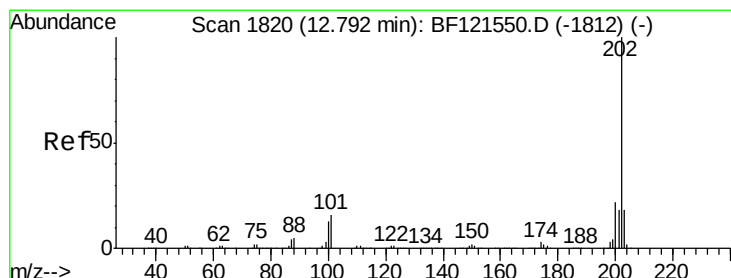
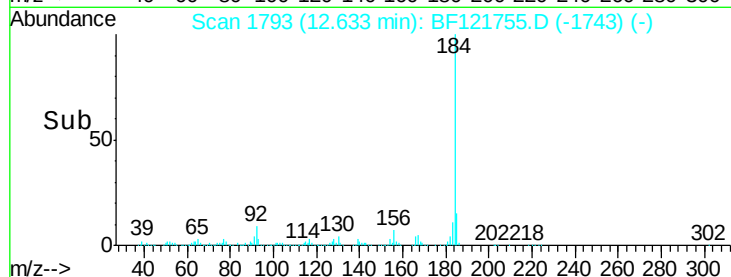
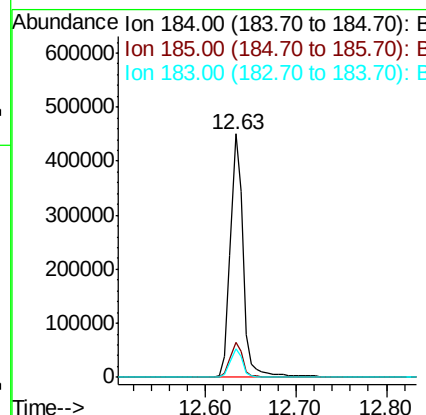
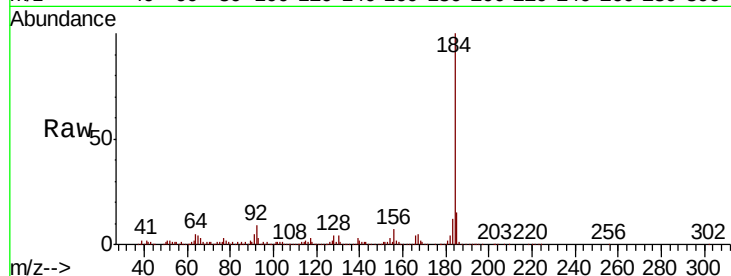
ClientSampleId :

PAV-B18-092920-10-20MSD

Tot Ion:	184	Resp:	438630
Ion Ratio		Lower	Upper
184	100		
185	14.5	11.8	17.6
183	11.5	9.3	13.9

Manual Integrations
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#78

Pyrene

Concen: 50.423 ng

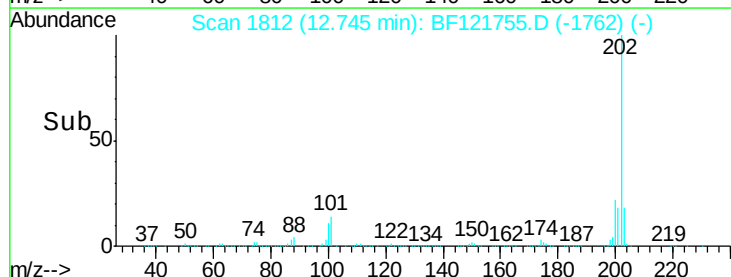
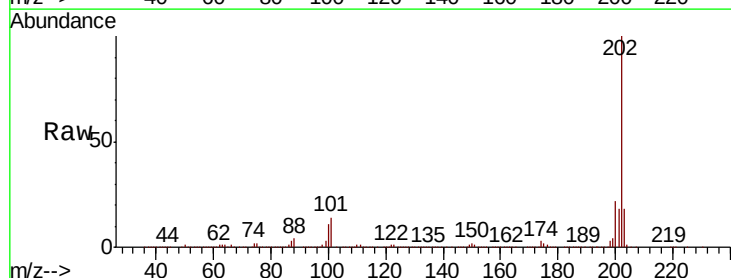
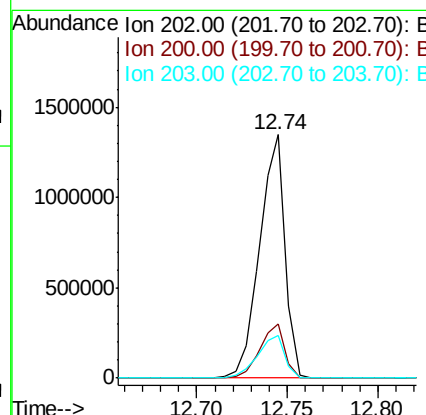
RT: 12.74 min Scan# 1812

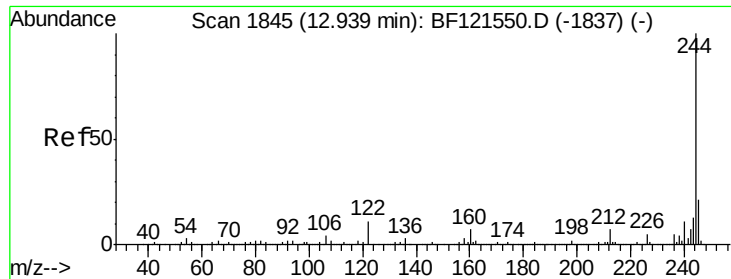
Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Tgt Ion:	202	Resp:	1309450
Ion Ratio		Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.8	14.5	21.7





#79

Terphenyl-d14

Concen: 81.913 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Instrument :

BNA_F

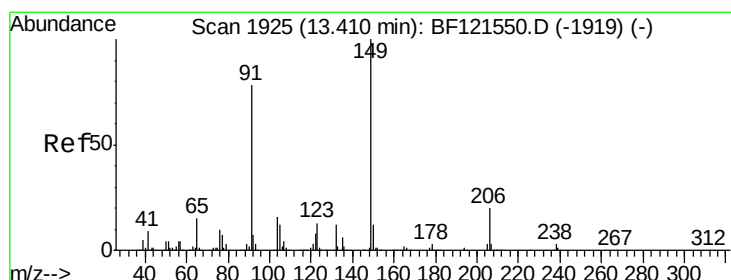
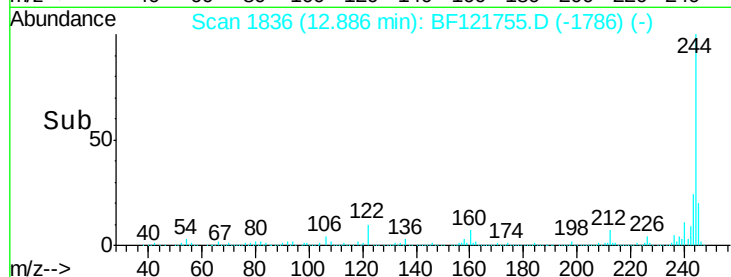
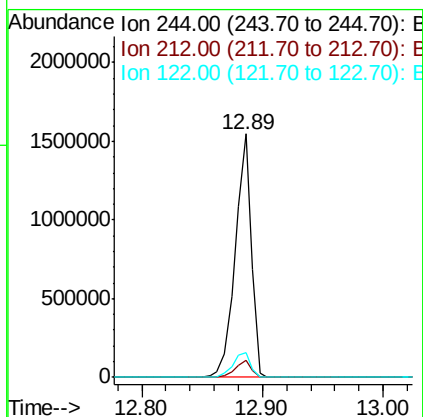
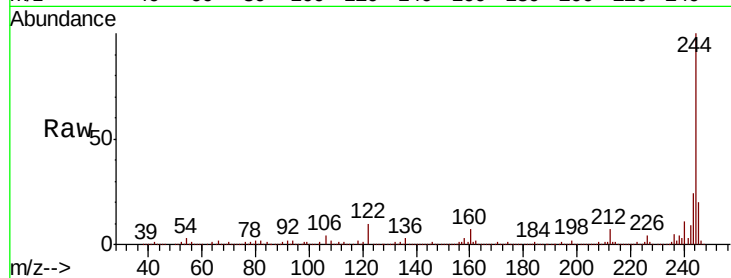
ClientSampleId :

PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.4	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 50.760 ng

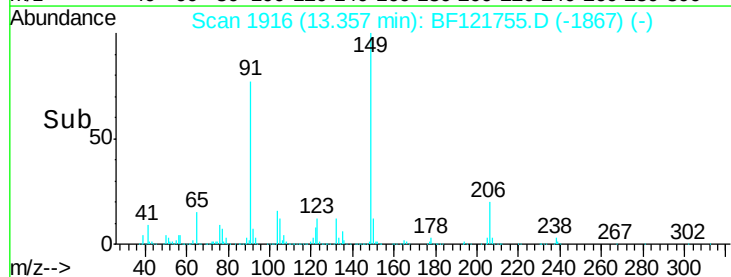
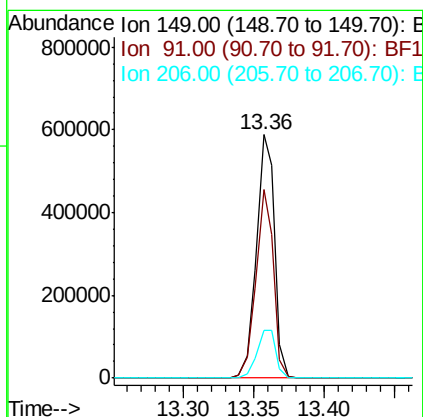
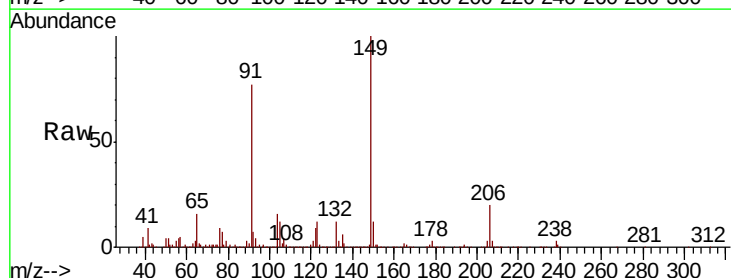
RT: 13.36 min Scan# 1916

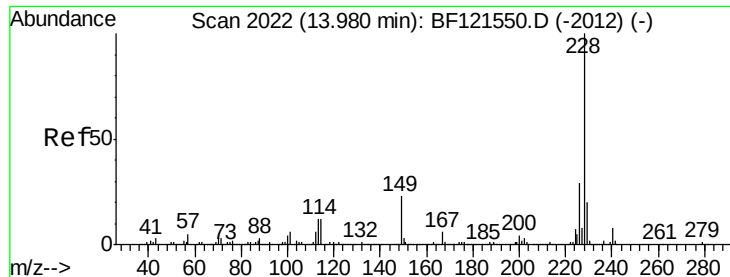
Delta R.T. -0.01 min

Lab File: BF121755.D

Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.4	56.0	84.0
206	19.9	17.4	26.0





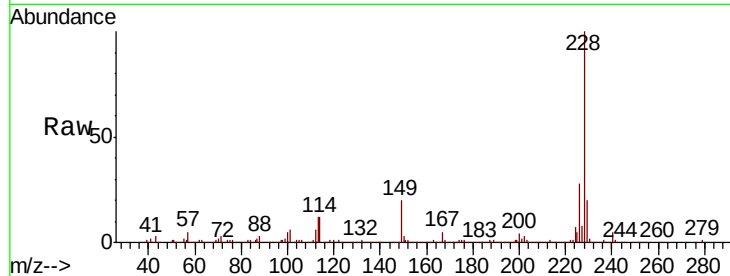
#81
Benzo(a)anthracene
Concen: 44.291 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

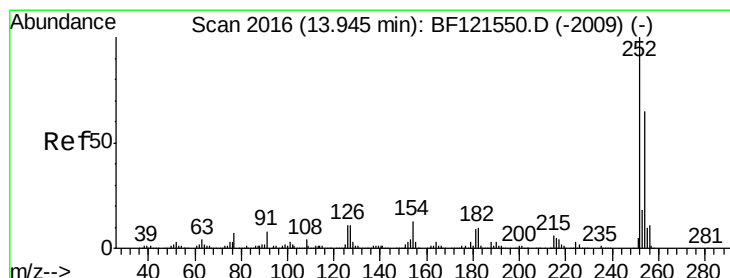
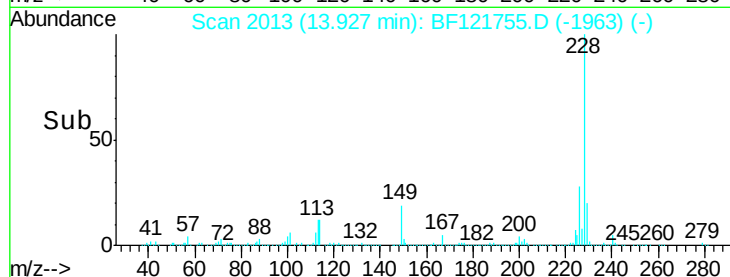
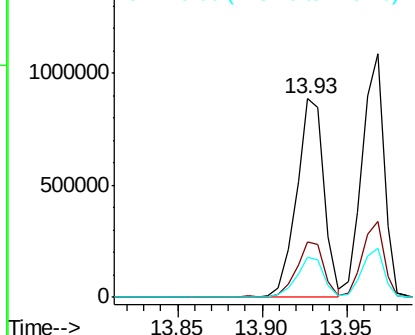
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	20.1	16.2	24.4

Manual Integrations
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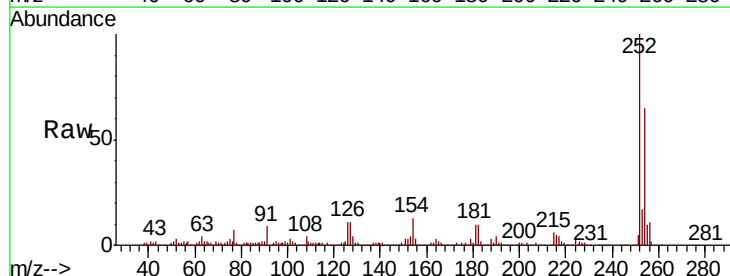


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

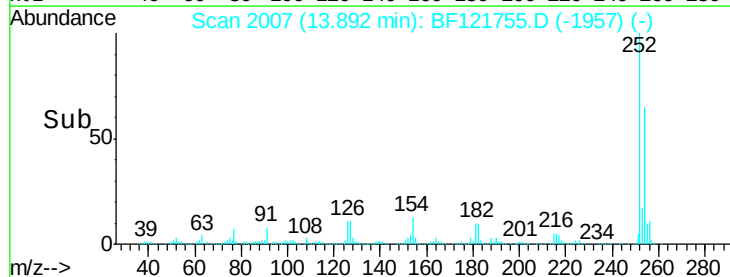
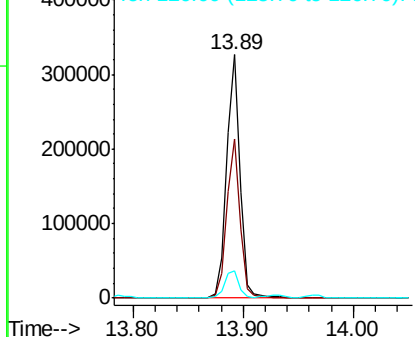


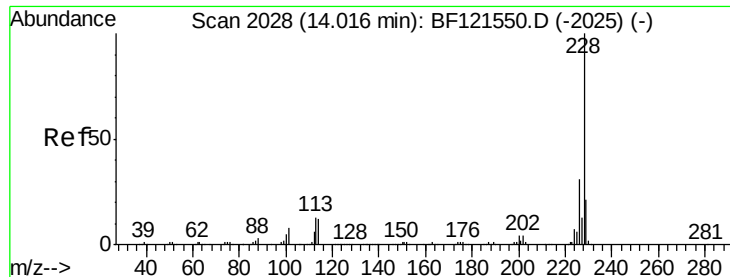
#82
3,3'-Dichlorobenzidine
Concen: 31.866 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.7	76.1
126	11.1	10.2	15.2



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





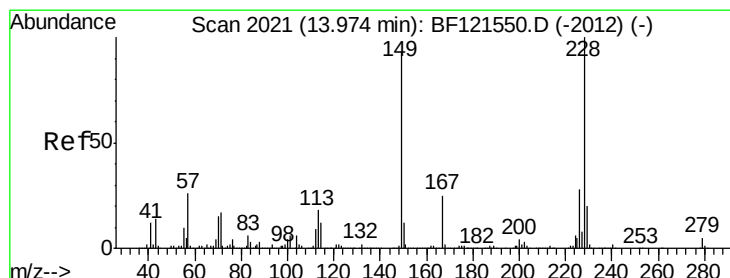
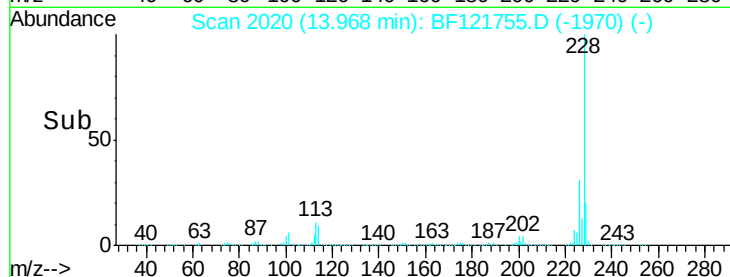
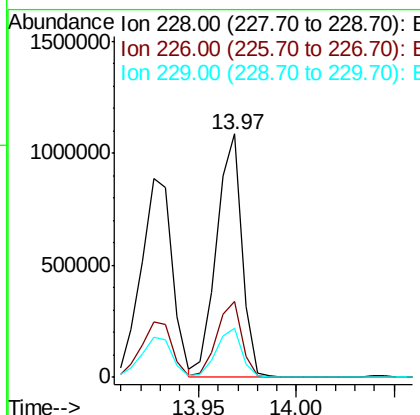
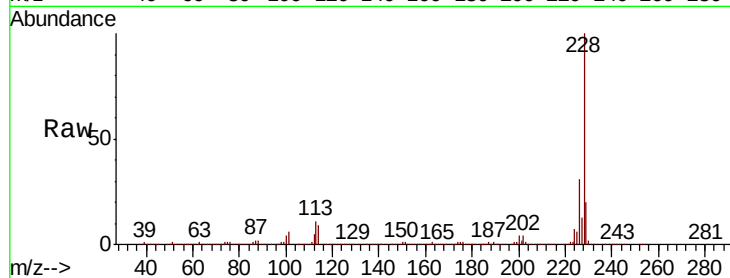
#83
 Chrysene
 Concen: 42.958 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	20.2	16.4	24.6

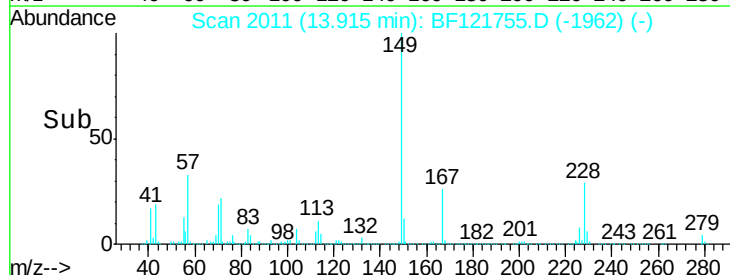
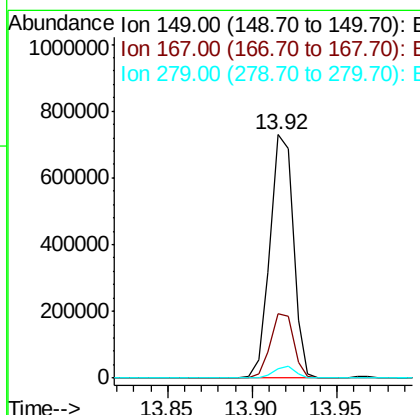
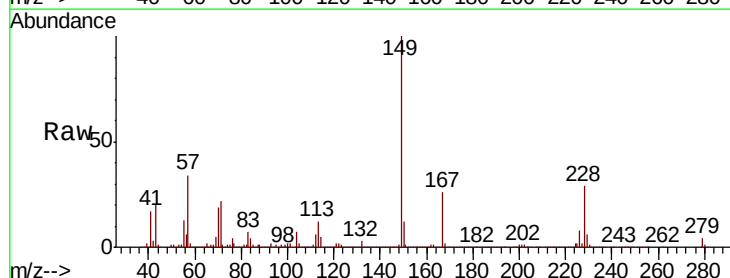
Manual Integrations
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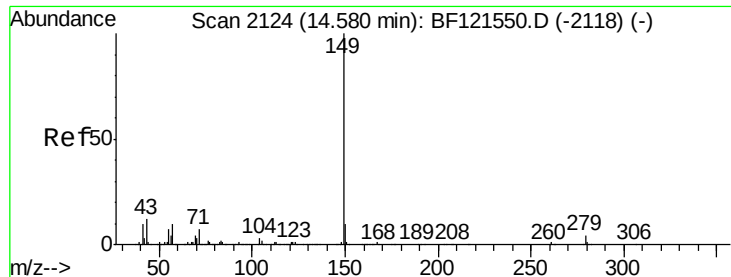
mohammad
 10/1/2020 1:32:37 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.802 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.8	32.6
279	3.9	3.9	5.9





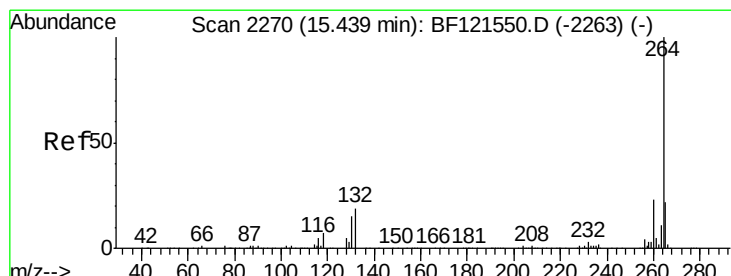
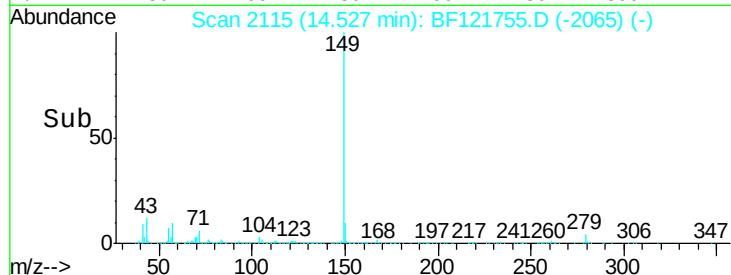
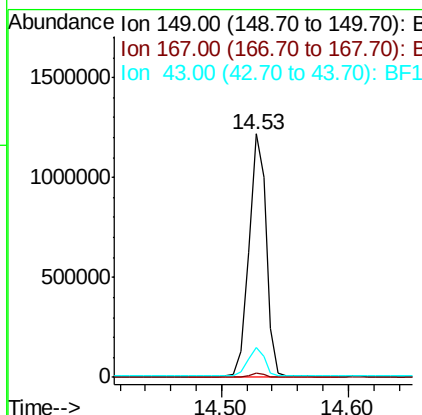
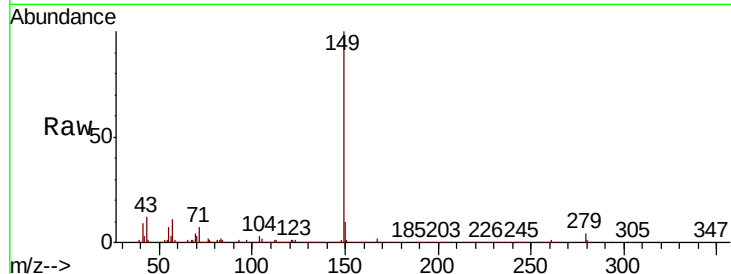
#85
Di-n-octyl phthalate
Concen: 46.845 ng
RT: 14.53 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	9.0	13.6

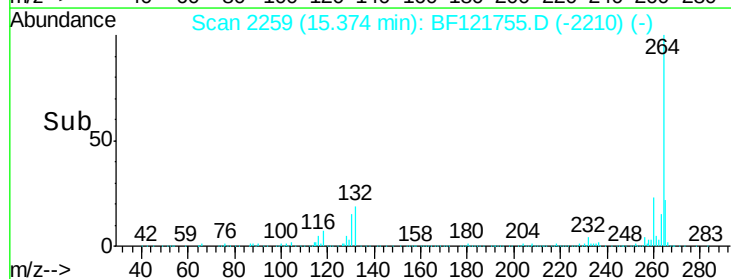
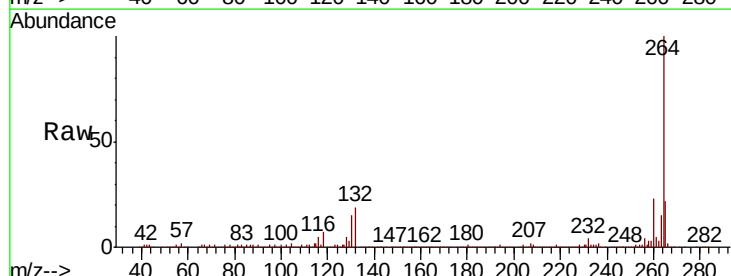
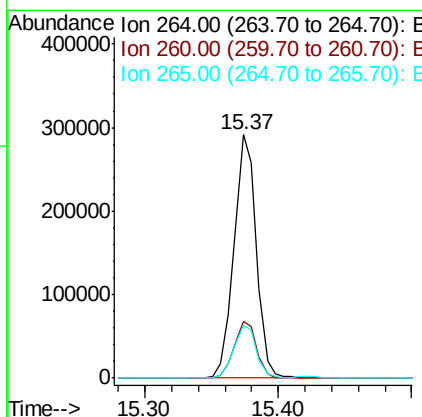
Manual Integrations
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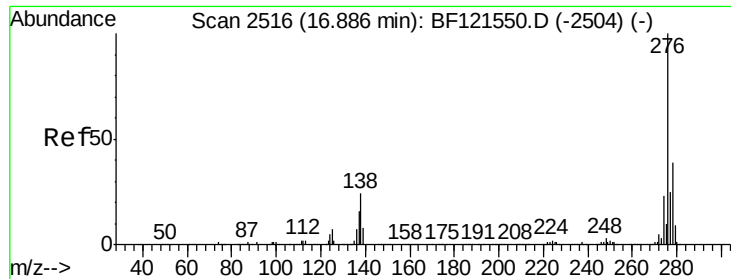
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.7	17.3	25.9





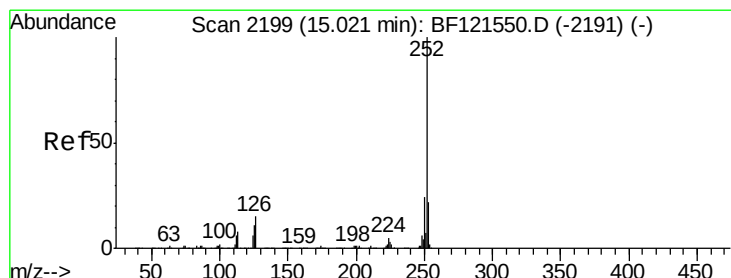
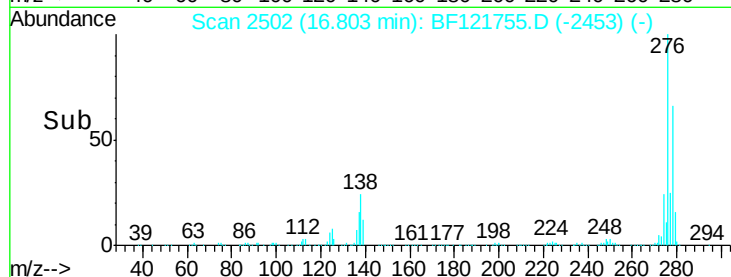
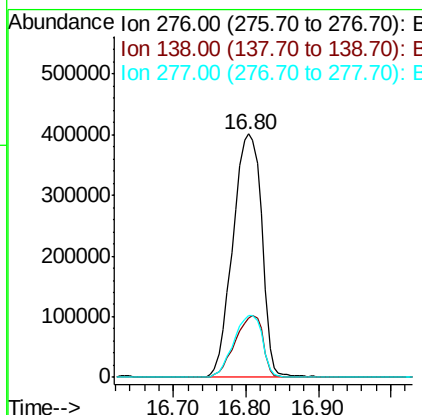
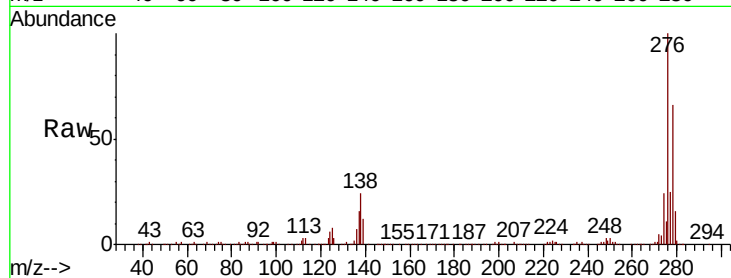
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.077 ng
 RT: 16.80 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.4	29.0
277	25.7	20.4	30.6

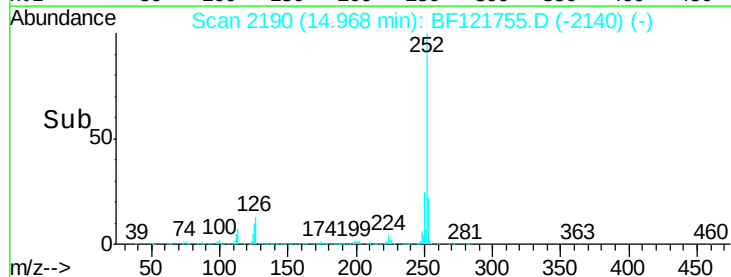
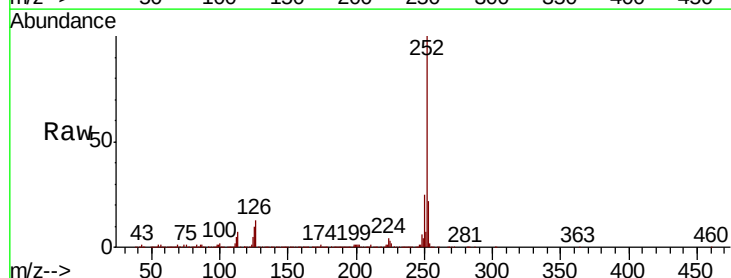
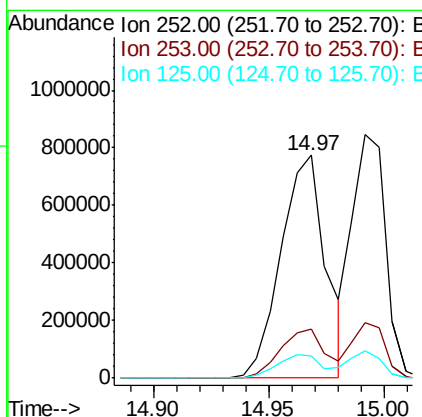
Manual Integrations
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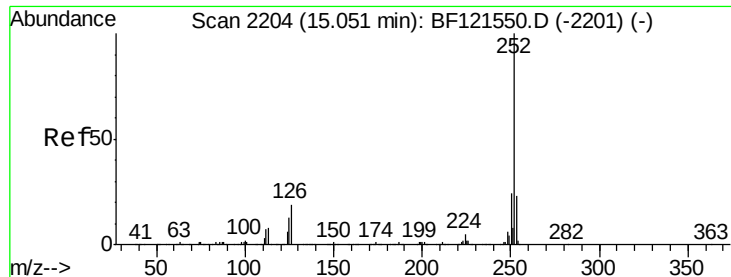
mohammad
 10/1/2020 1:32:37 PM



#88
 Benzo(b)fluoranthene
 Concen: 45.651 ng
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BF121755.D
 Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.0	8.0	12.0





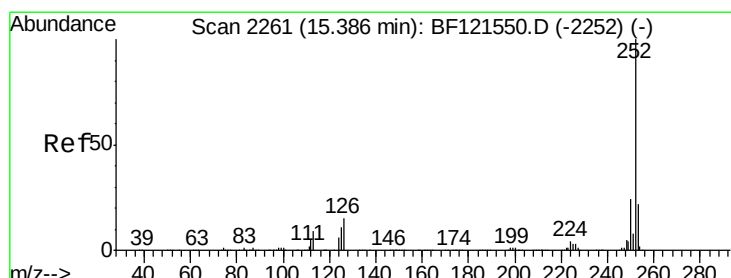
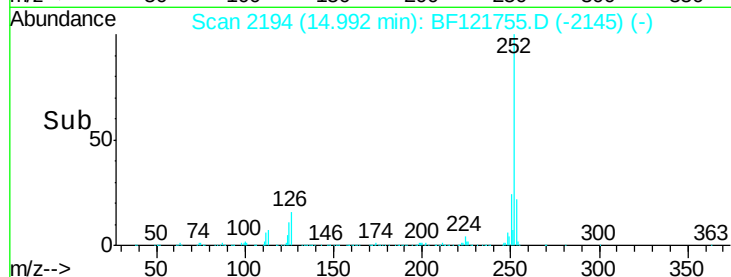
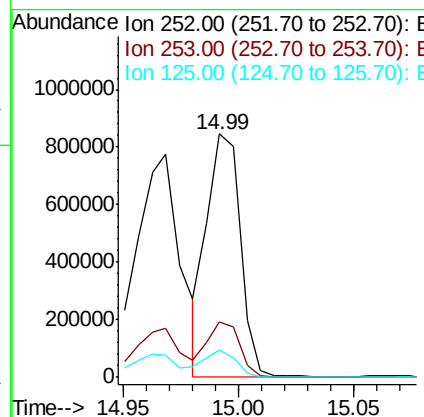
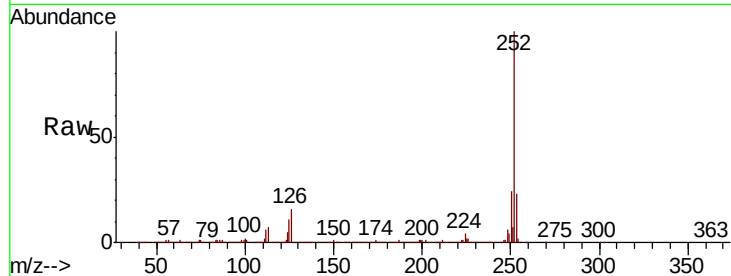
#89
Benzo(k)fluoranthene
Concen: 40.597 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.0	7.8	11.6

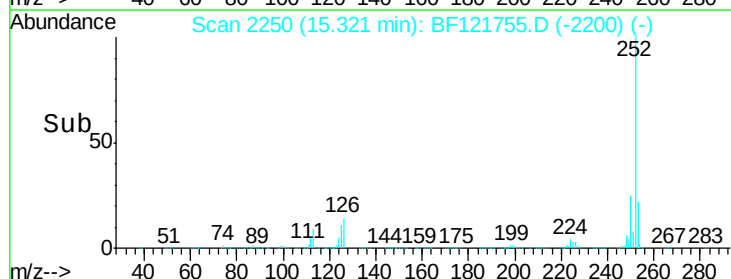
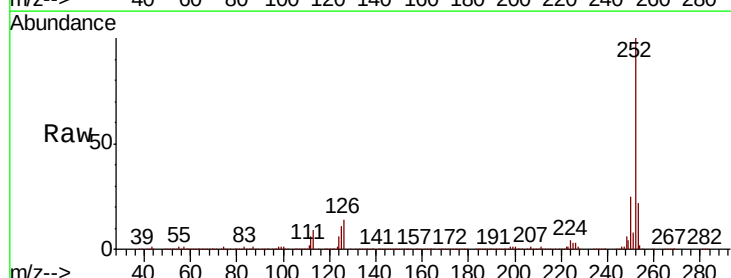
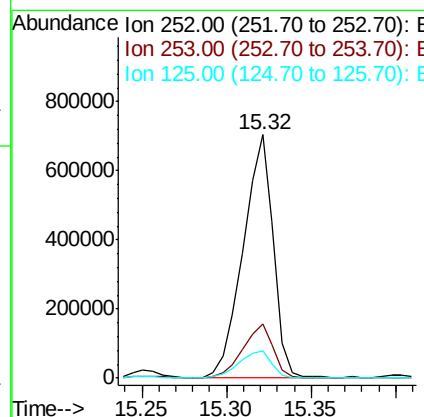
Manual Integrations
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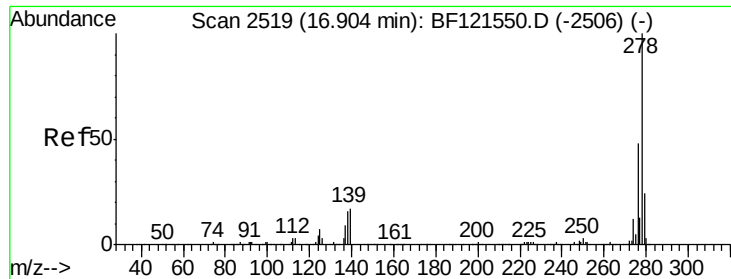
mohammad
10/1/2020 1:32:37 PM



#90
Benzo(a)pyrene
Concen: 45.071 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	11.3	9.2	13.8





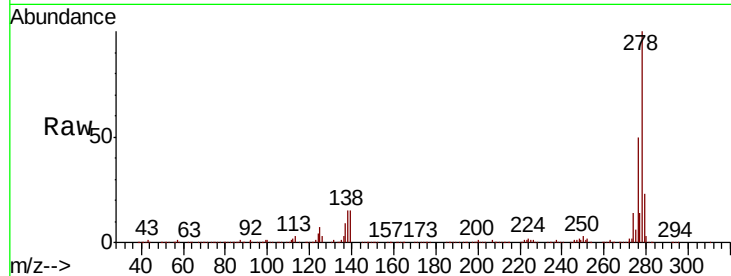
#91
Dibenzo(a,h)anthracene
Concen: 48.781 ng
RT: 16.82 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

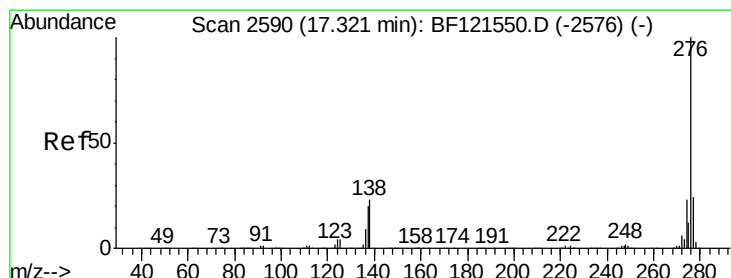
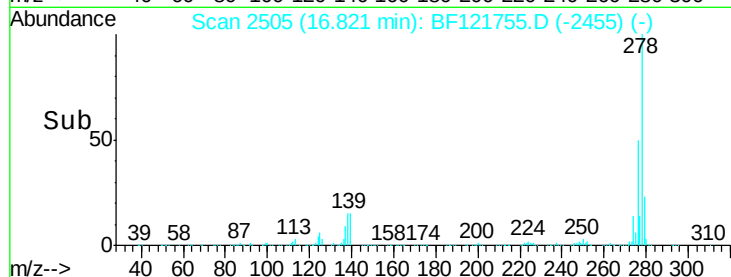
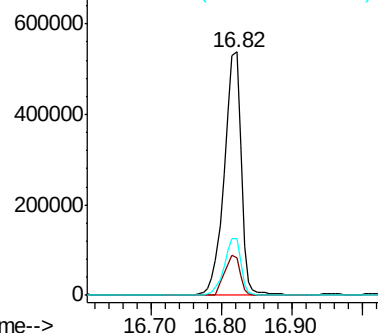
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.5	18.7
279	23.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
10/1/2020 1:32:37 PM



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



#92
Benzo(g,h,i)perylene
Concen: 52.956 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF121755.D
Acq: 30 Sep 2020 23:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.0	16.7	25.1

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

