

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
 Data File : BP002249.D
 Acq On : 05 May 2020 22:09
 Operator : CG/JU
 Sample : L2475-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-SF-03-009-AMS

Manual Integrations
 APPROVED

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 5/6/2020 6:44:46 PM

Quant Time: May 06 02:10:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 13:34:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	402258	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1701234	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	1031697	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	2121962	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1279035	20.00	ng	0.00
87) Perylene-d12	23.32	264	1355886	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2921832	119.83	ng	0.00
7) Phenol-d6	6.80	99	4015698	112.11	ng	0.01
23) Nitrobenzene-d5	8.76	82	2605109	79.08	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1141433	104.53	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	4826716	65.52	ng	0.00
79) Terphenyl-d14	19.60	244	5429516	104.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	323959	30.689	ng	99
3) Pyridine	3.56	79	599171	17.808	ng	99
4) n-Nitrosodimethylamine	3.48	42	459785	37.123	ng	99
6) Aniline	6.96	93	1557793m	31.811	ng	
8) 2-Chlorophenol	7.19	128	1208905	43.862	ng	98
9) Benzaldehyde	6.76	77	855601	48.420	ng	99
10) Phenol	6.83	94	1589350	42.095	ng	100
11) bis(2-Chloroethyl)ether	7.05	93	1306808	41.135	ng	96
12) 1,3-Dichlorobenzene	7.51	146	1224547	39.821	ng	99
13) 1,4-Dichlorobenzene	7.65	146	1237921	39.789	ng	99
14) 1,2-Dichlorobenzene	7.97	146	1191766	39.168	ng	98
15) Benzyl Alcohol	7.86	79	1081003	39.754	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.16	45	1624704	36.884	ng	99
17) 2-Methylphenol	8.06	107	1048686	37.815	ng	100
18) Hexachloroethane	8.69	117	429724	38.434	ng	95
19) n-Nitroso-di-n-propylamine	8.43	70	873002	34.973	ng	99
20) 3+4-Methylphenols	8.39	107	1421693	37.121	ng	99
22) Acetophenone	8.43	105	1700438	38.699	ng	99
24) Nitrobenzene	8.80	77	1387682	39.542	ng	98
25) Isophorone	9.33	82	2622547	36.137	ng	100
26) 2-Nitrophenol	9.51	139	617672	47.286	ng	97
27) 2,4-Dimethylphenol	9.59	122	1143094	44.870	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	1623752	38.615	ng	99
29) 2,4-Dichlorophenol	10.05	162	1166527	43.136	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	1222247	40.955	ng	98
31) Naphthalene	10.44	128	3661417	39.713	ng	99
32) Benzoic acid	9.74	122	675698	40.186	ng	100
33) 4-Chloroaniline	10.56	127	1150763	27.121	ng	99
34) Hexachlorobutadiene	10.75	225	668772	39.225	ng	99
35) Caprolactam	11.32	113	404481m	38.924	ng	
36) 4-Chloro-3-methylphenol	11.69	107	1252336	39.639	ng	98
37) 2-Methylnaphthalene	12.06	142	2611974	39.530	ng	99
38) 1-Methylnaphthalene	12.28	142	2490807	39.586	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	1235458	40.316	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	354744	25.067	nq	98
43) 2,4,6-Trichlorophenol	12.68	196	888755	42.797	nq	96
44) 2,4,5-Trichlorophenol	12.75	196	971417	39.658	nq	97
46) 1,1'-Biphenyl	13.09	154	3103763	38.389	nq	98
47) 2-Chloronaphthalene	13.13	162	2383157	38.052	nq	98
48) 2-Nitroaniline	13.33	65	784700	41.775	nq	95
49) Acenaphthylene	13.98	152	4033134	39.736	nq	98
50) Dimethylphthalate	13.73	163	3232792	39.754	nq	99
51) 2,6-Dinitrotoluene	13.83	165	650509	38.859	nq	99
52) Acenaphthene	14.33	154	2442174m	38.132	nq	
53) 3-Nitroaniline	14.16	138	497448	24.879	nq	98
54) 2,4-Dinitrophenol	14.37	184	281201	41.095	nq	99
55) Dibenzofuran	14.66	168	3631821	37.547	nq	98
56) 4-Nitrophenol	14.49	139	1258527	79.365	nq	96
57) 2,4-Dinitrotoluene	14.63	165	873660	39.400	nq	99
58) Fluorene	15.32	166	2491627	32.416	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.89	232	789415	40.795	nq	98
60) Diethylphthalate	15.11	149	2854880	34.705	nq	99
61) 4-Chlorophenyl-phenylether	15.32	204	1183377	31.395	nq	99
62) 4-Nitroaniline	15.33	138	606319	31.927	nq	98
63) Azobenzene	15.61	77	3113743	36.147	nq	98
65) 4,6-Dinitro-2-methylphenol	15.40	198	210085	23.976	nq	98
66) n-Nitrosodiphenylamine	15.53	169	2468047	39.766	nq	100
67) 4-Bromophenyl-phenylether	16.22	248	865383	38.221	nq	99
68) Hexachlorobenzene	16.33	284	937637	39.115	nq	99
69) Atrazine	16.50	200	779268	41.336	nq	99
70) Pentachlorophenol	16.67	266	1171342	81.396	nq	98
71) Phenanthrene	17.06	178	5294173	44.365	nq	99
72) Anthracene	17.15	178	4608951	39.200	nq	99
73) Carbazole	17.42	167	4298784	37.840	nq	97
74) Di-n-butylphthalate	18.00	149	4953035	38.646	nq	98
75) Fluoranthene	19.04	202	6728199	49.146	nq	98
77) Benzidine	19.22	184	1872123	52.309	nq	99
78) Pyrene	19.39	202	6264697	72.104	nq	95
80) Butylbenzylphthalate	20.29	149	1900295	67.459	nq	99
81) Benzo(a)anthracene	21.10	228	4266230	51.420	nq	97
82) 3,3'-Dichlorobenzidine	21.04	252	1336004	43.340	nq	100
83) Chrysene	21.15	228	4027826	49.432	nq	98
84) Bis(2-ethylhexyl)phthalate	21.06	149	2899596	59.364	nq	# 98
85) Di-n-octyl phthalate	21.93	149	4520265	50.105	nq	96
86) Indeno(1,2,3-cd)pyrene	25.56	276	4209246	37.966	nq	97
88) Benzo(b)fluoranthene	22.66	252	4273821	52.419	nq	99
89) Benzo(k)fluoranthene	22.71	252	3496550	41.867	nq	97
90) Benzo(a)pyrene	23.23	252	3732323	47.549	nq	97
91) Dibenzo(a,h)anthracene	25.57	278	3085872	38.708	nq	99
92) Benzo(g,h,i)perylene	26.24	276	3845076	45.639	nq	97

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

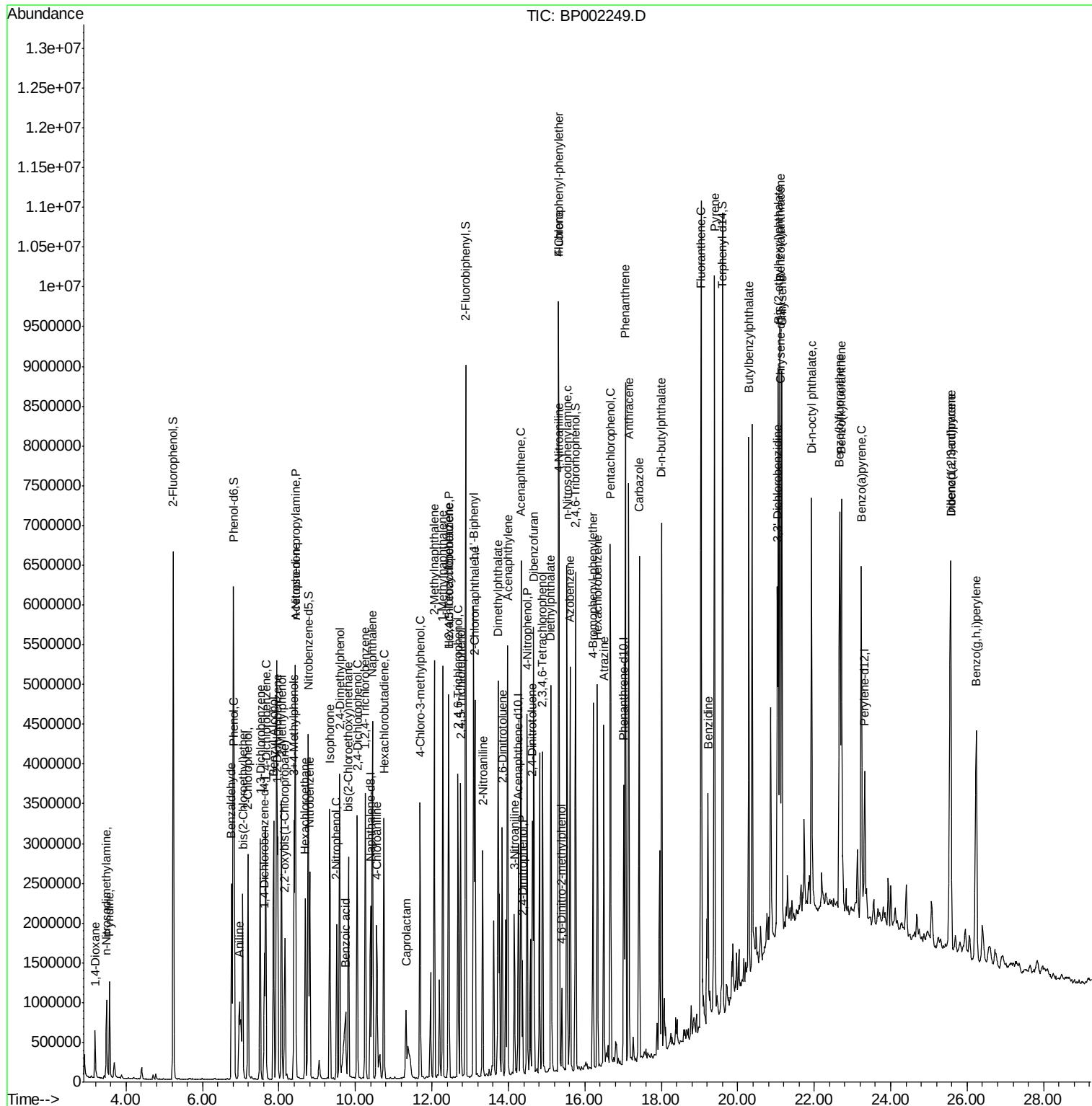
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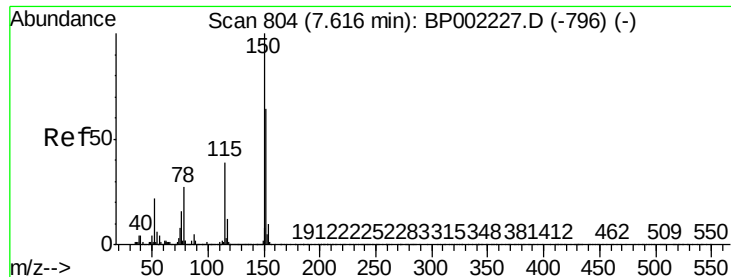
Instrument :
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#1

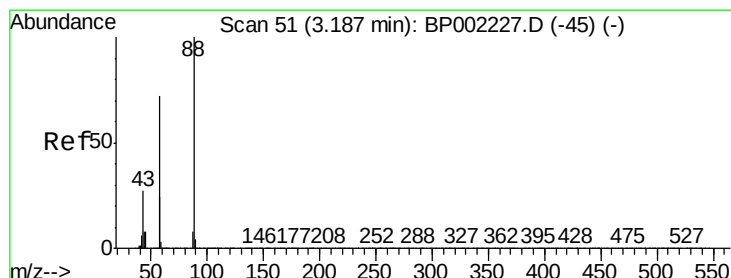
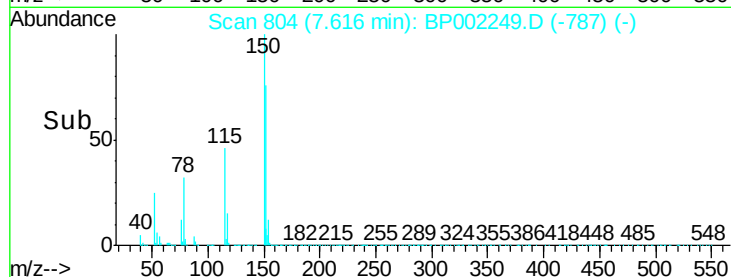
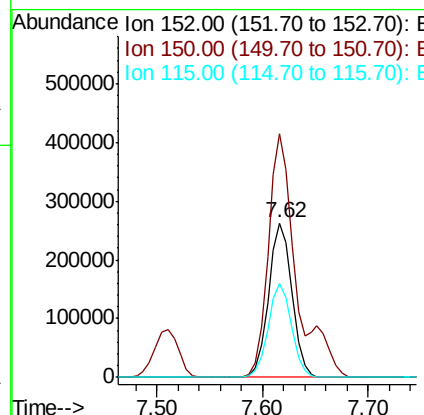
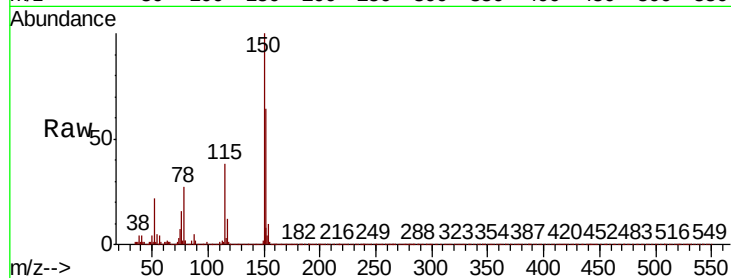
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 804
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.3	187.9
115	60.4	48.3	72.5

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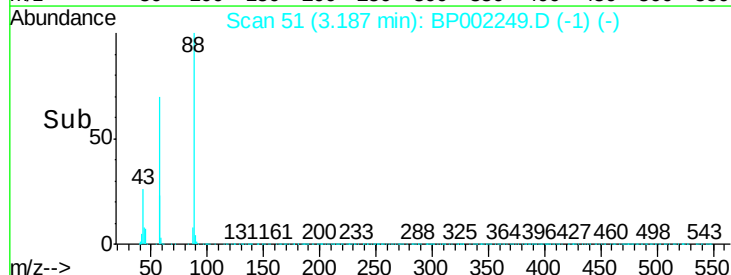
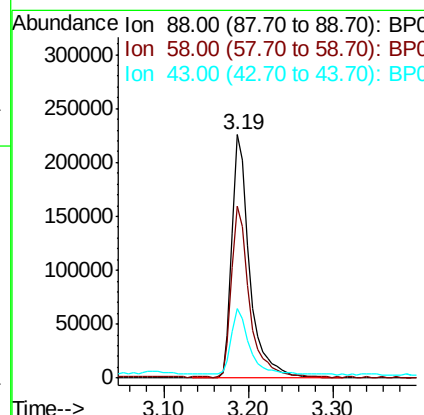
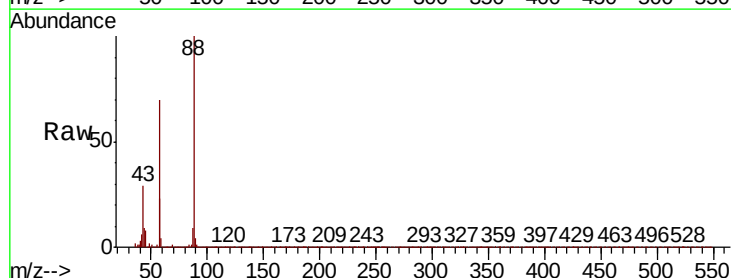
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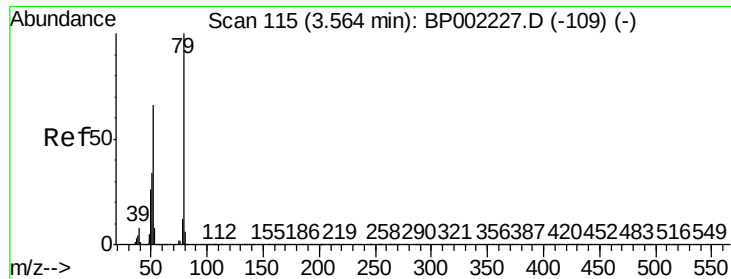


#2

1,4-Dioxane
Concen: 30.689 ng
RT: 3.19 min Scan# 51
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	57.8	86.8
43	27.3	21.8	32.6





#3

Pvridine

Concen: 17.808 ng

RT: 3.56 min Scan# 115

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

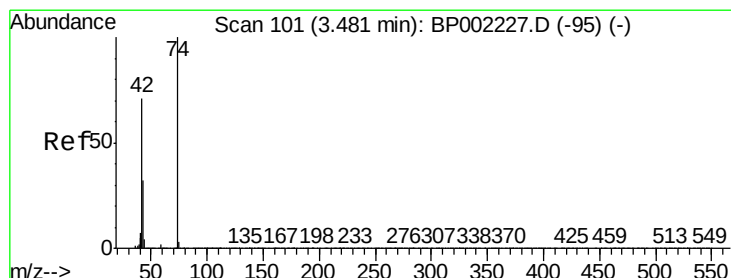
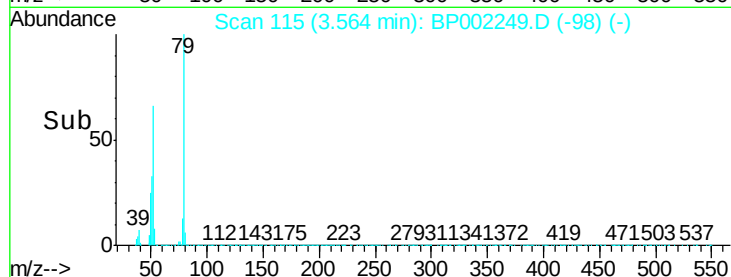
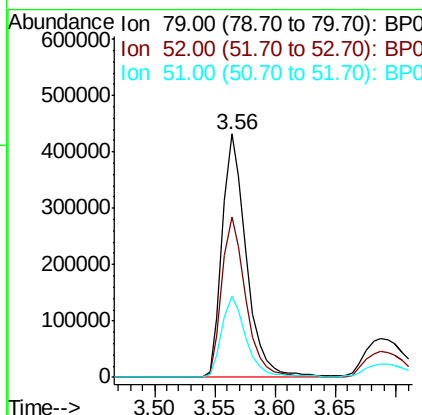
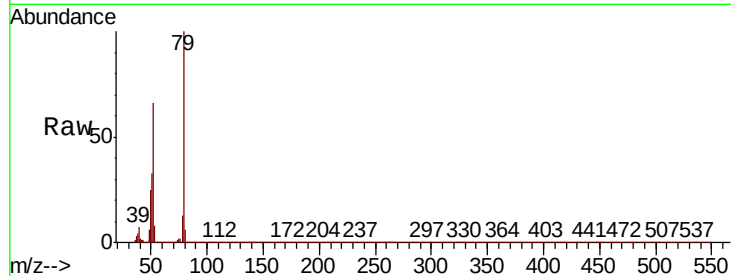
ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:	79	Resp:	599171
Ion Ratio	Lower	Upper	
79	100		
52	66.1	52.8	79.2
51	33.1	27.6	41.4

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#4

n-Nitrosodimethylamine

Concen: 37.123 ng

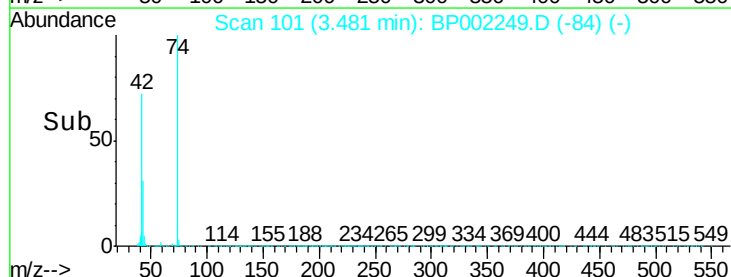
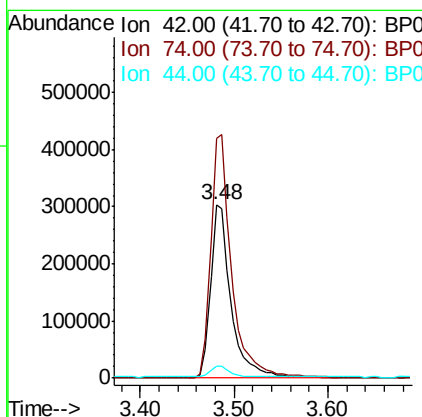
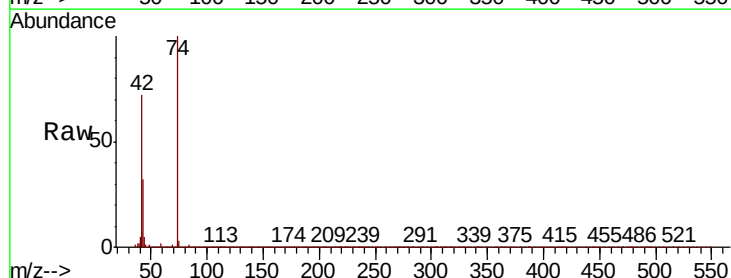
RT: 3.48 min Scan# 101

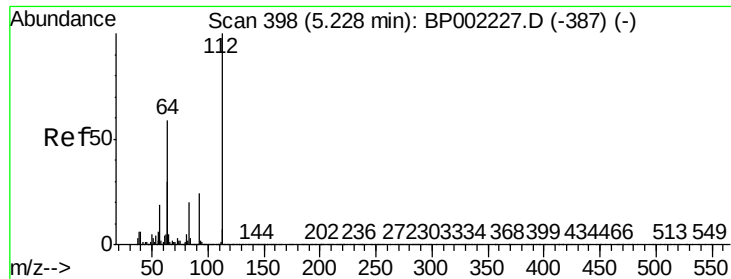
Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:	42	Resp:	459785
Ion Ratio	Lower	Upper	
42	100		
74	138.6	112.3	168.5
44	6.9	5.4	8.0





#5

2-Fluorophenol

Concen: 119.826 ng

RT: 5.23 min Scan# 399

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

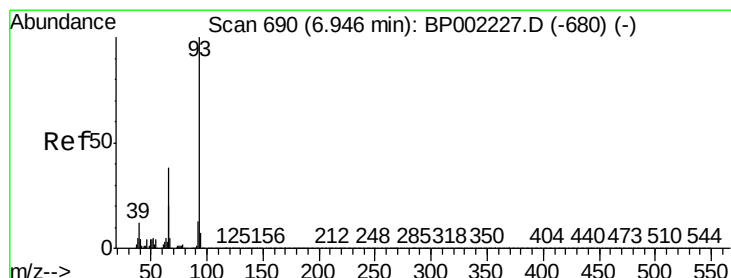
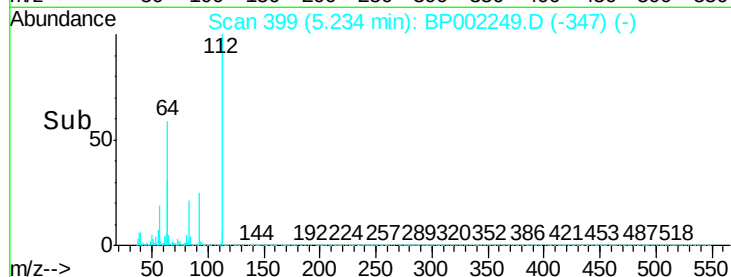
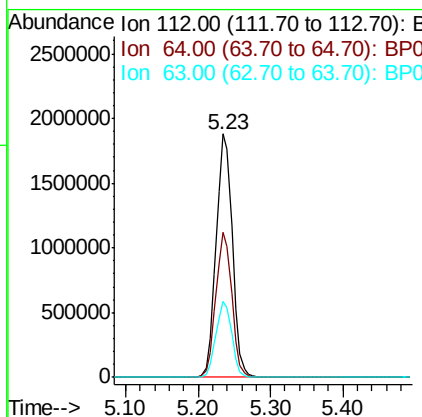
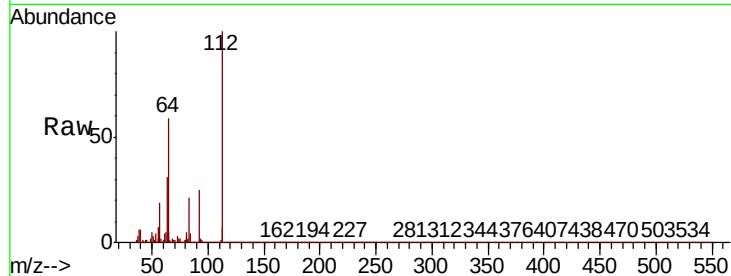
ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:	112	Resp:	2921832
Ion Ratio	Lower	Upper	
112	100		
64	59.4	46.9	70.3
63	31.3	24.3	36.5

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#6

Aniline

Concen: 31.811 ng m

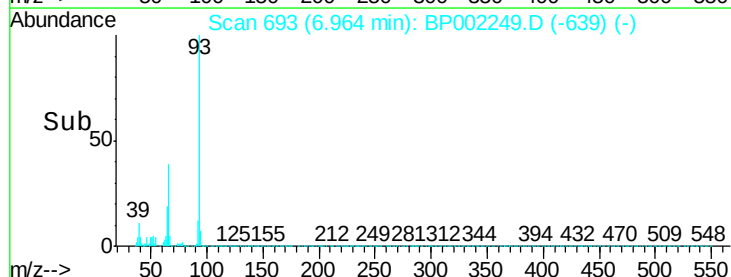
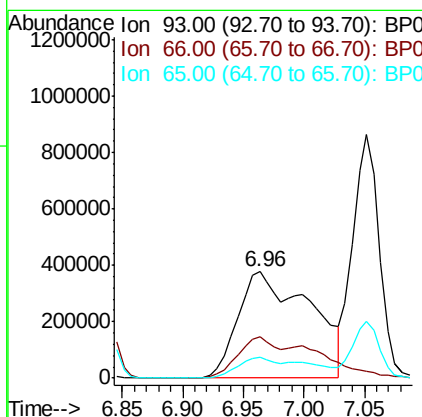
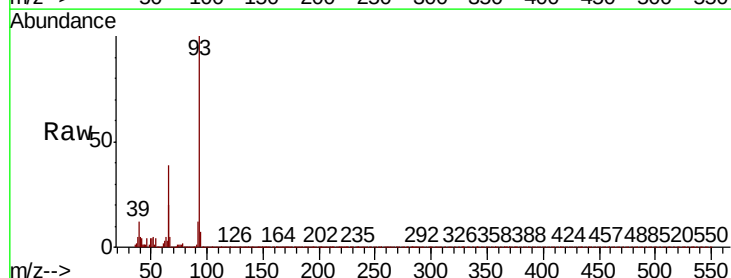
RT: 6.96 min Scan# 693

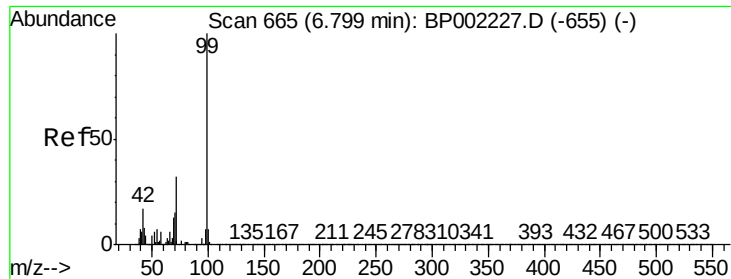
Delta R.T. 0.02 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:	93	Resp:	1557793
Ion Ratio	Lower	Upper	
93	100		
66	38.7	30.3	45.5
65	19.6	15.9	23.9





#7

Phenol-d6

Concen: 112.113 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-AMS

Tot Ion: 99 Resp: 4015698

Ion Ratio Lower Upper

99 100

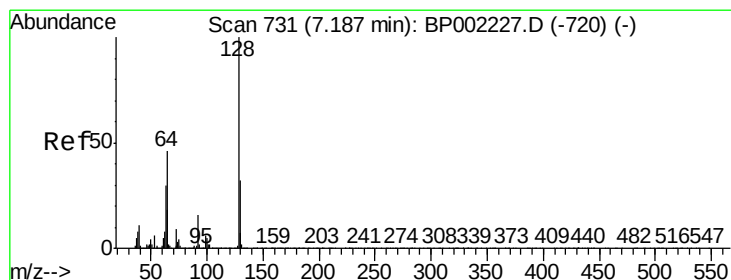
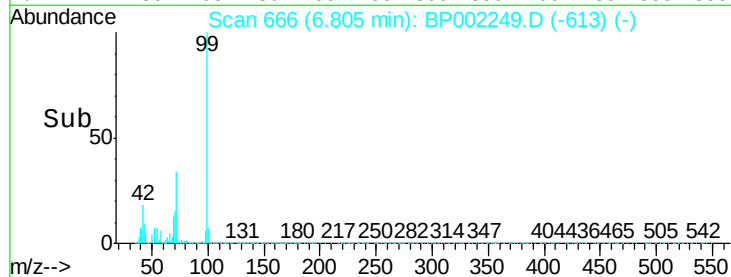
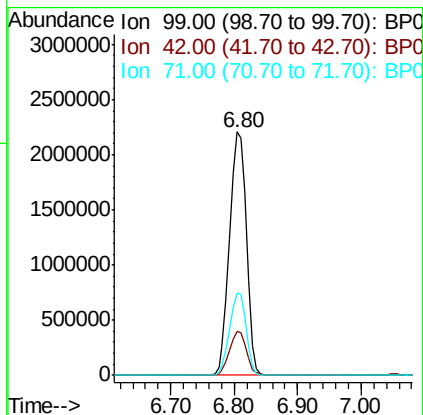
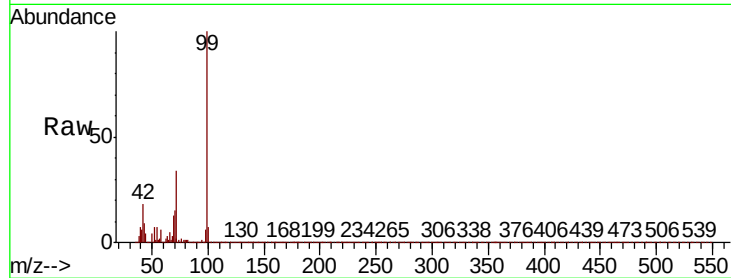
42 17.8 14.0 21.0

71 33.8 25.9 38.9

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#8

2-Chlorophenol

Concen: 43.862 ng

RT: 7.19 min Scan# 731

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

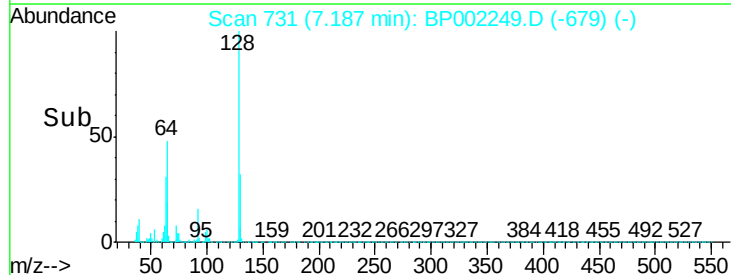
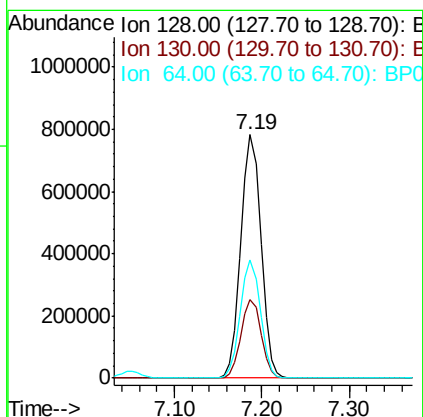
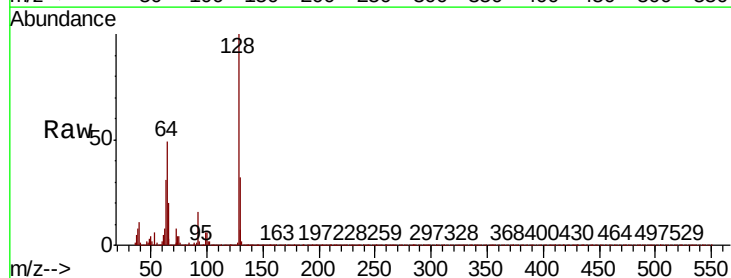
Tgt Ion: 128 Resp: 1208905

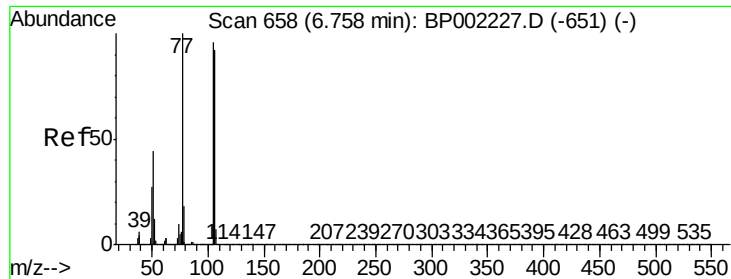
Ion Ratio Lower Upper

128 100

130 32.2 11.9 51.9

64 48.5 26.2 66.2





#9

Benzaldehyde

Concen: 48.420 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002249.D

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BNA_P

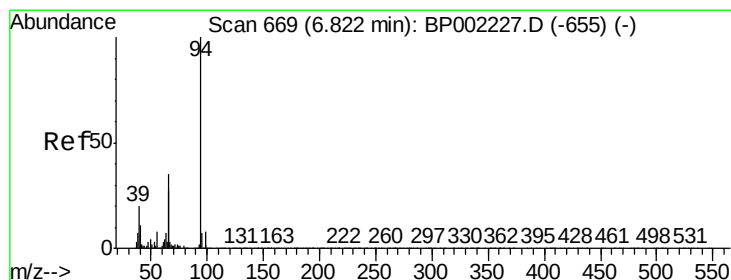
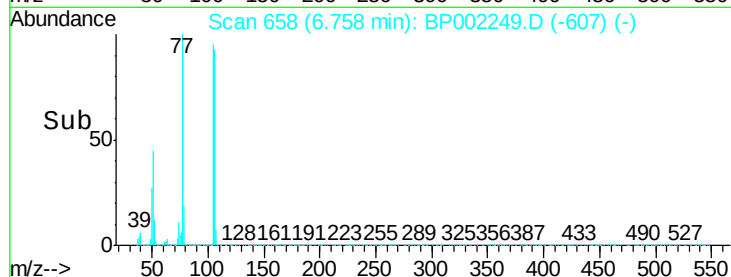
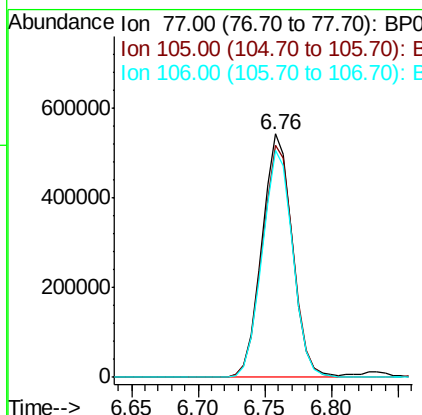
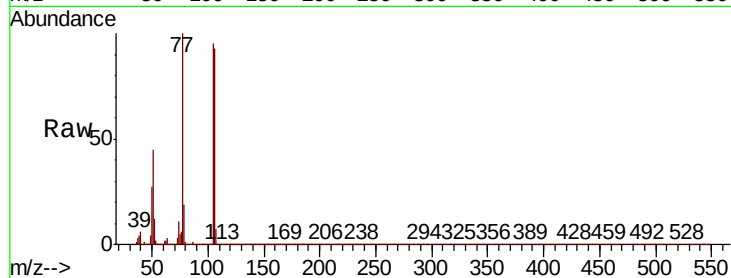
ClientSampleId :

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Tot Ion:	77	Resp:	855601
Ion Ratio	Lower	Upper	
77	100		
105	95.3	76.0	116.0
106	93.1	71.6	111.6

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#10

Phenol

Concen: 42.095 ng

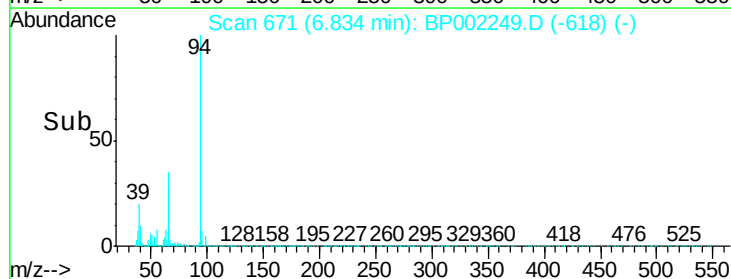
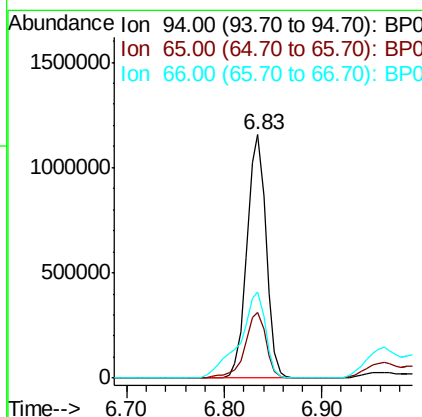
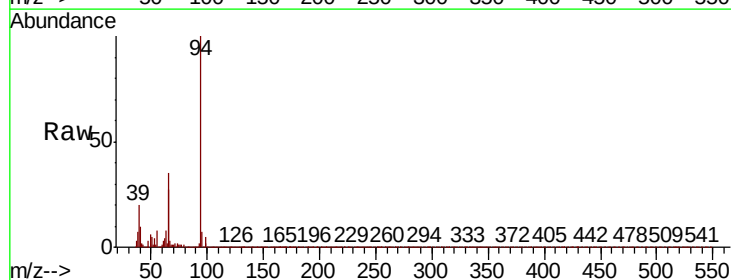
RT: 6.83 min Scan# 671

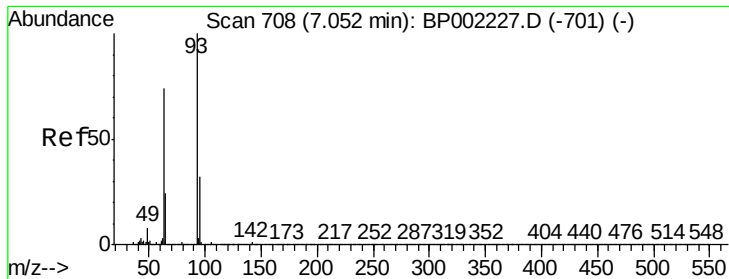
Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:	94	Resp:	1589350
Ion Ratio	Lower	Upper	
94	100		
65	27.2	7.2	47.2
66	35.2	14.9	54.9





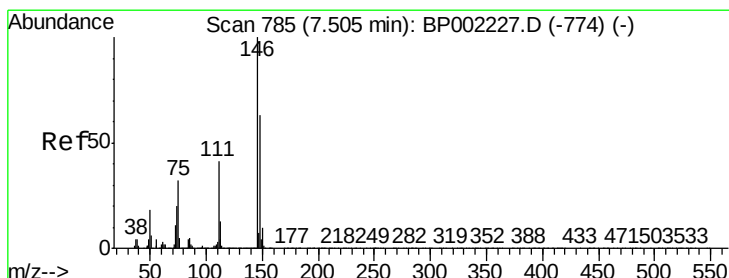
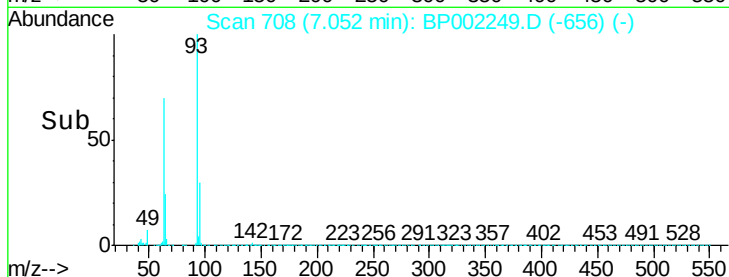
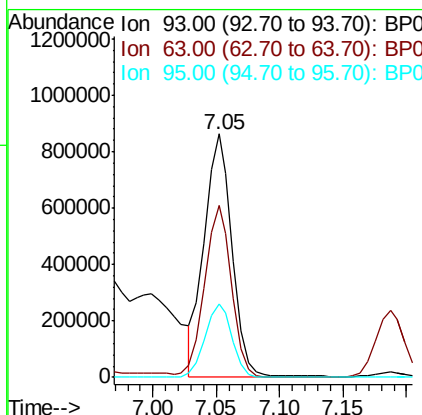
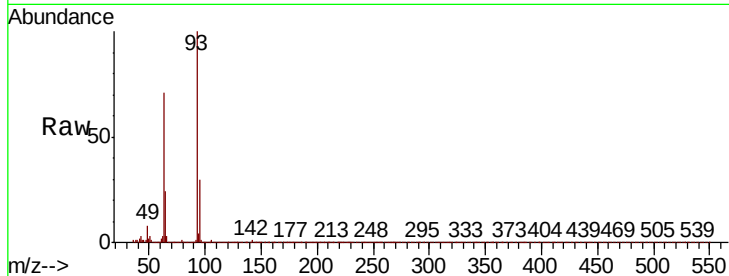
#11
bis(2-Chloroethyl)ether
Concen: 41.135 ng
RT: 7.05 min Scan# 708
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	93	Resp	1306808
Ion	Ratio	Lower	Upper
93	100		
63	70.7	53.6	93.6
95	30.1	12.2	52.2

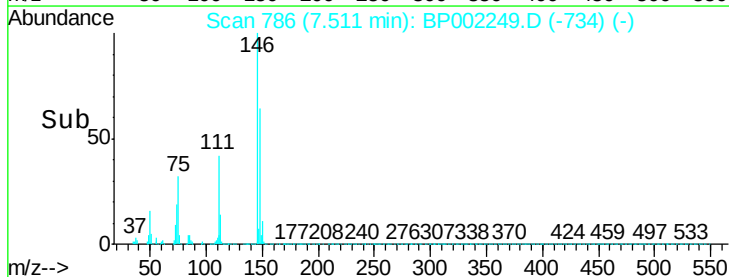
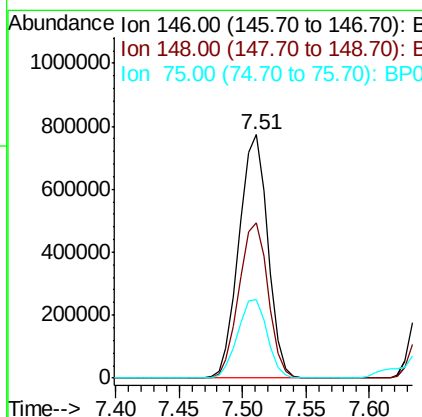
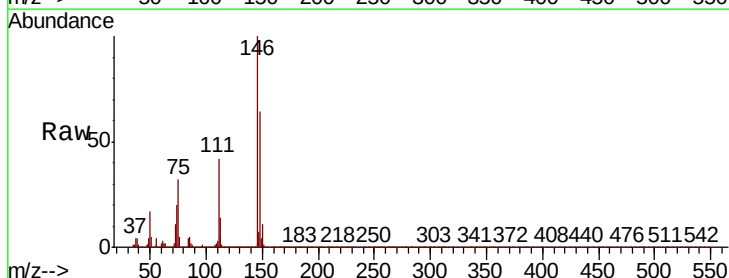
Manual Integrations
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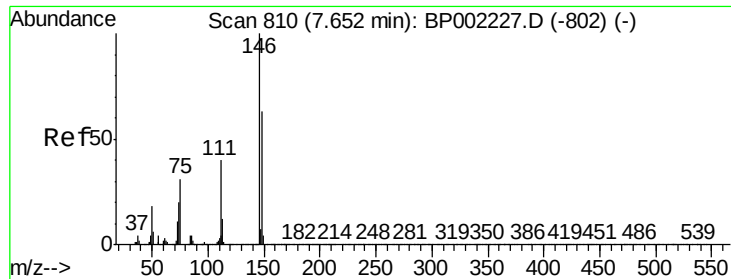
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.821 ng
RT: 7.51 min Scan# 786
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	146	Resp	1224547
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.2	75.2
75	32.5	26.0	39.0





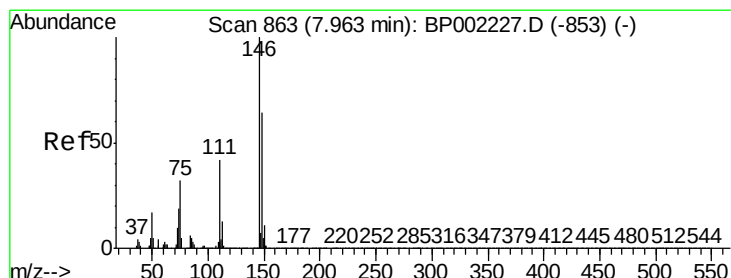
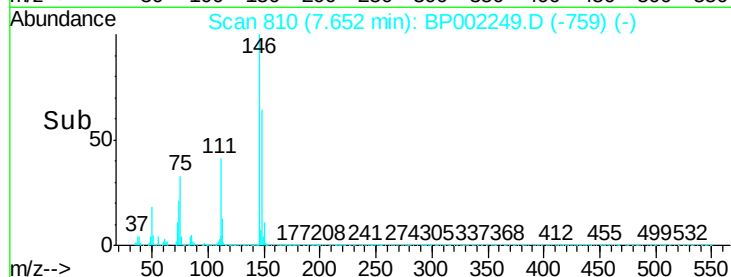
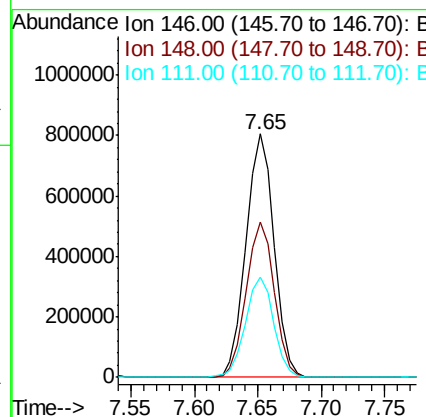
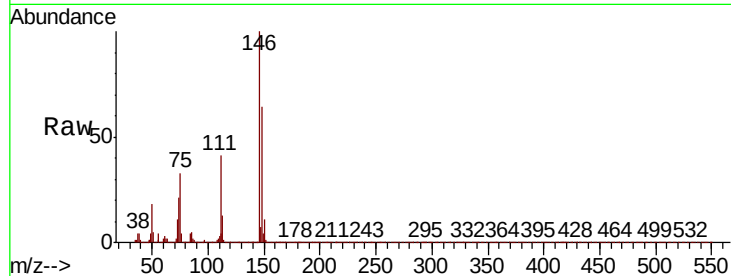
#13
1,4-Dichlorobenzene
Concen: 39.789 ng
RT: 7.65 min Scan# 810
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
111	41.3	32.5	48.7

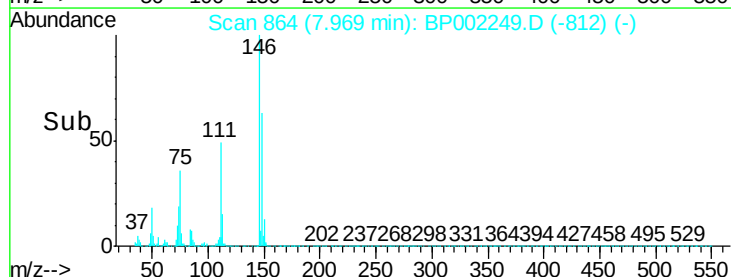
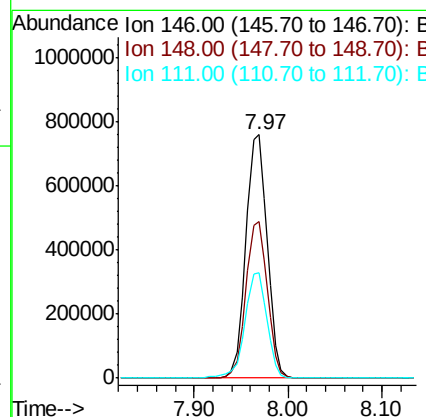
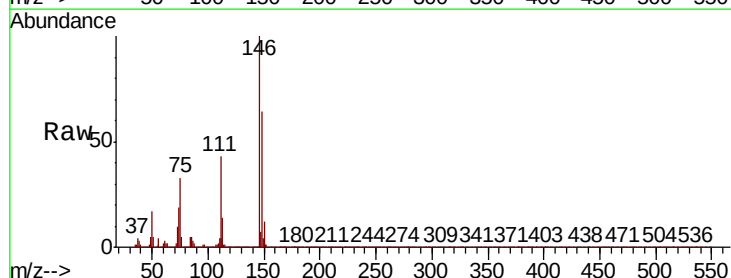
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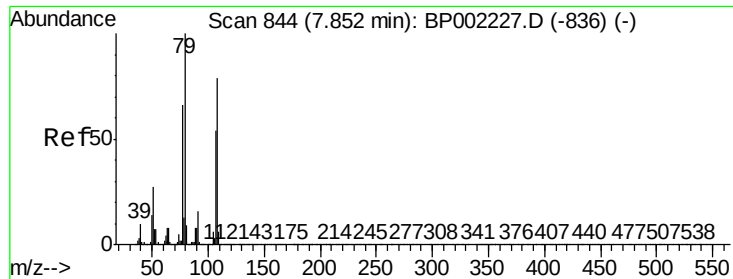
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.168 ng
RT: 7.97 min Scan# 864
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
111	43.5	33.5	50.3





#15

Benzyl Alcohol

Concen: 39.754 ng

RT: 7.86 min Scan# 845

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

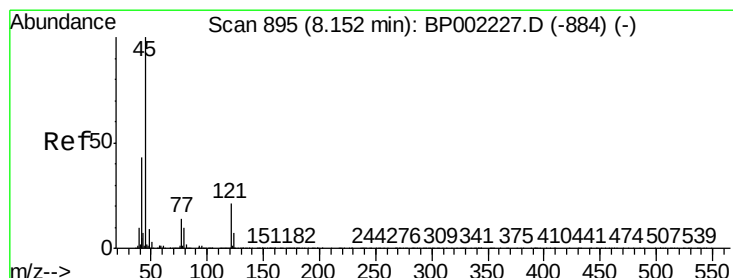
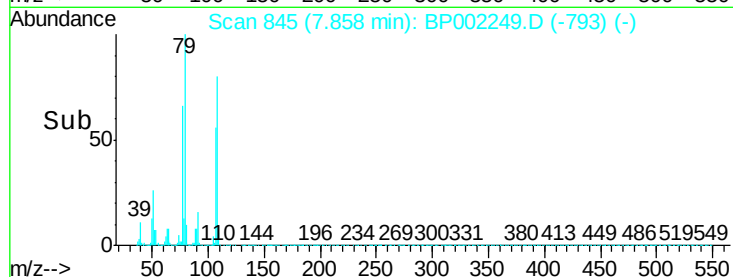
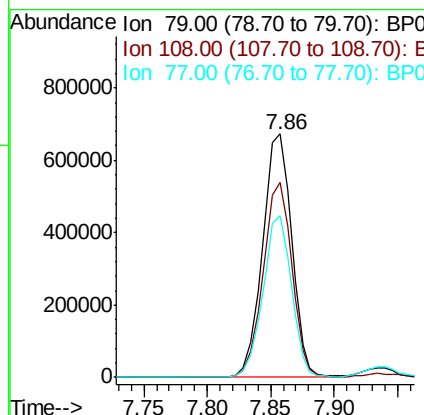
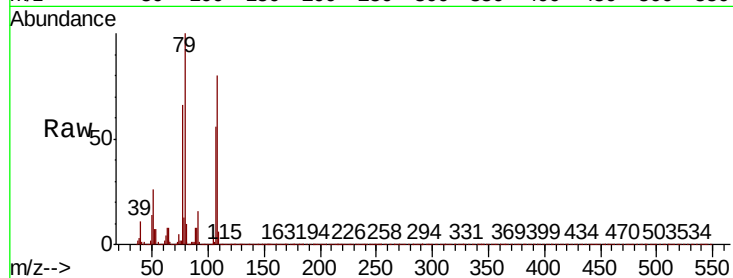
ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:	79	Resp:	1081003
Ion	Ratio	Lower	Upper
79	100		
108	80.0	63.2	94.8
77	66.3	53.1	79.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.884 ng

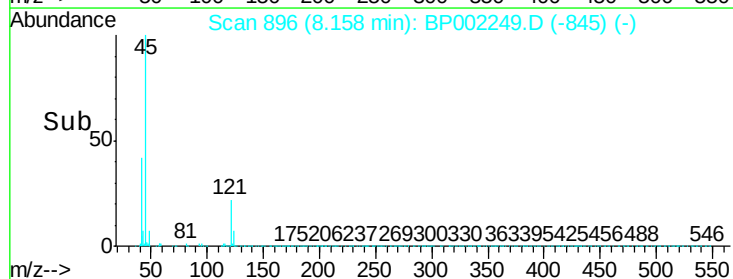
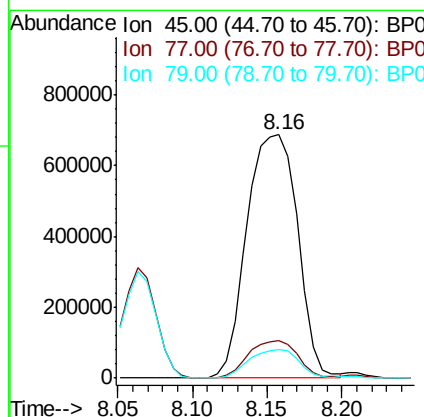
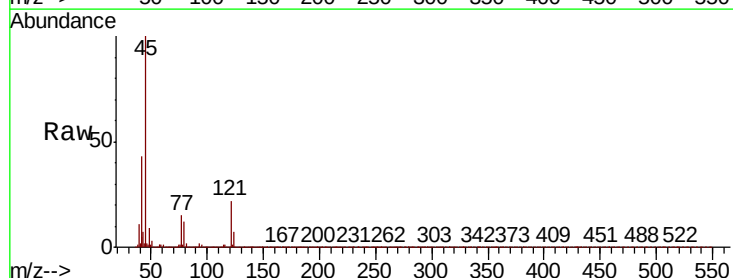
RT: 8.16 min Scan# 896

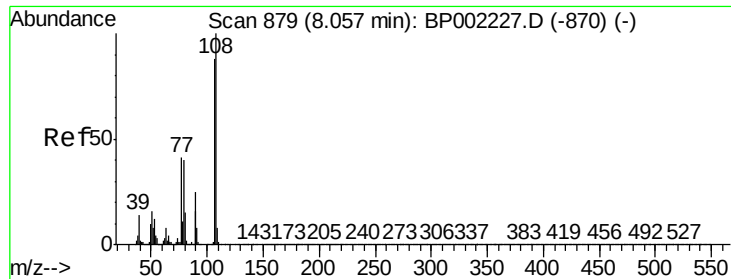
Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:	45	Resp:	1624704
Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	35.0
79	12.0	0.0	31.3





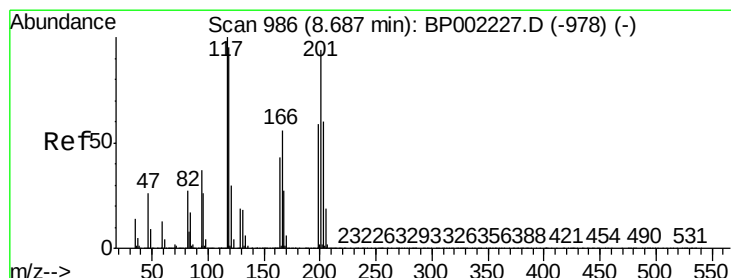
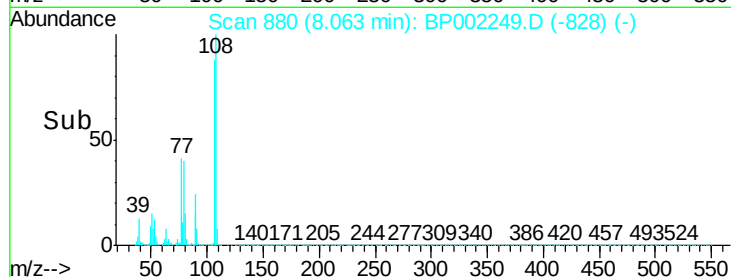
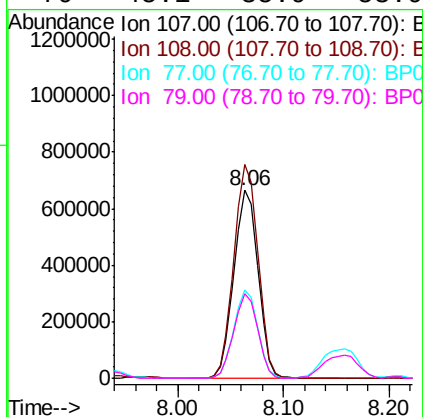
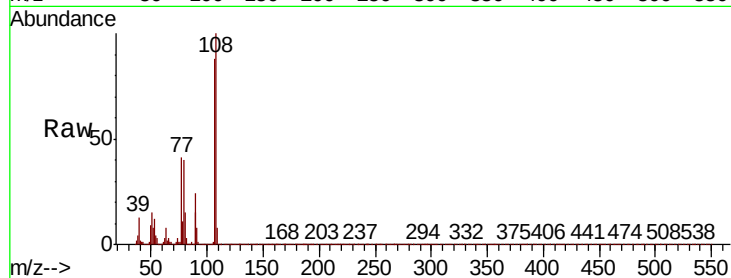
#17
2-Methylphenol
Concen: 37.815 ng
RT: 8.06 min Scan# 880
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	90.6	136.0	
77	46.9	37.3	55.9	
79	45.1	35.9	53.9	

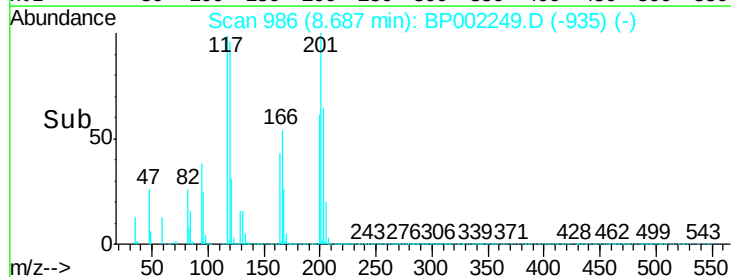
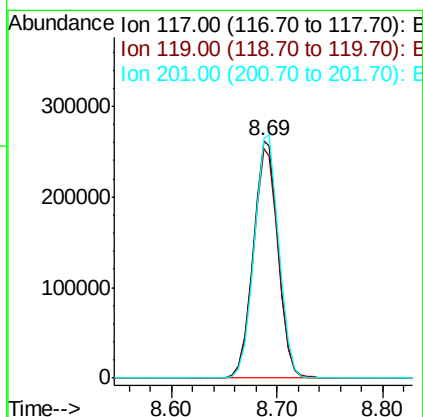
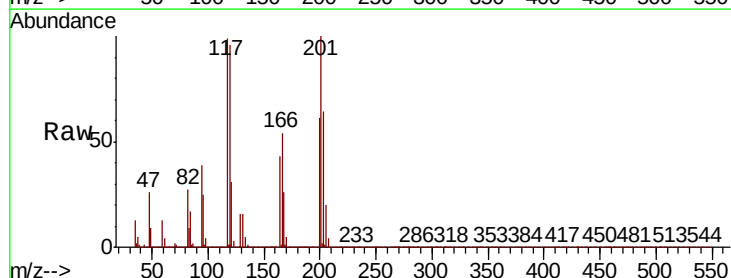
Manual Integrations
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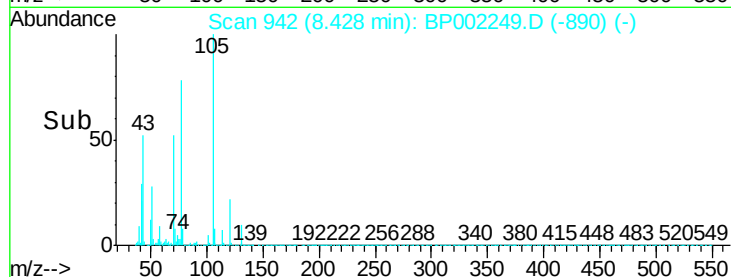
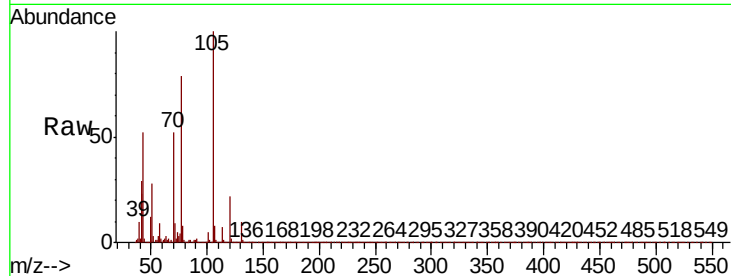
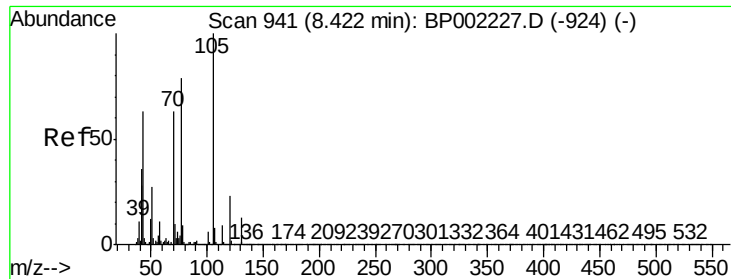
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#18
Hexachloroethane
Concen: 38.434 ng
RT: 8.69 min Scan# 986
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	75.7	113.5	
201	101.0	75.2	112.8	





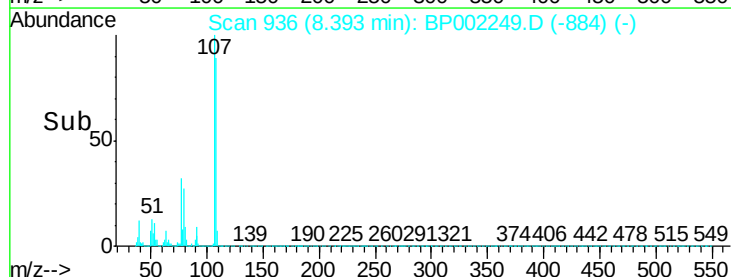
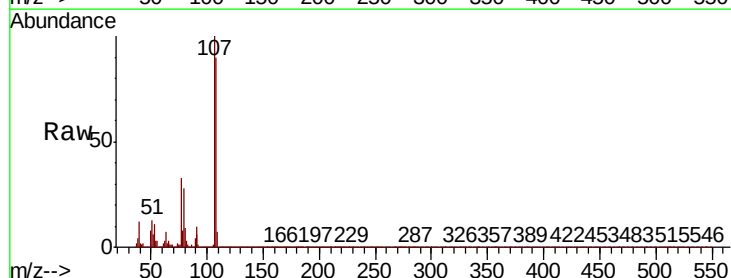
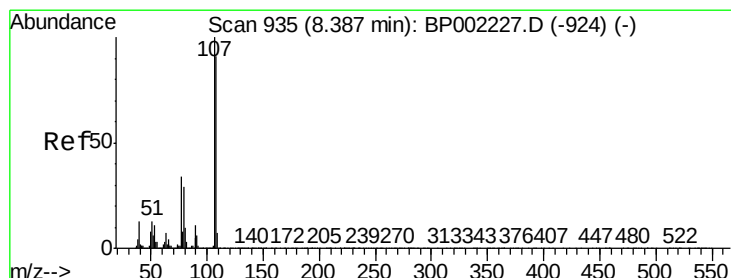
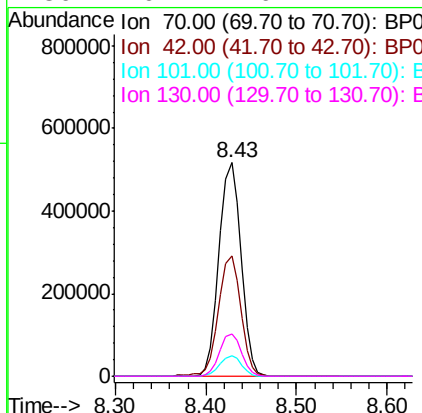
#19
n-Nitroso-di-n-propylamine
Concen: 34.973 ng
RT: 8.43 min Scan# 942
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.1	45.4	68.2
101	9.5	7.5	11.3
130	20.1	16.1	24.1

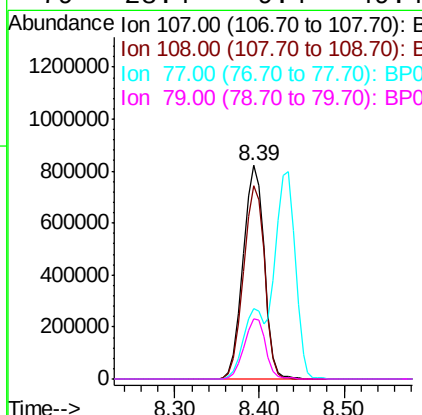
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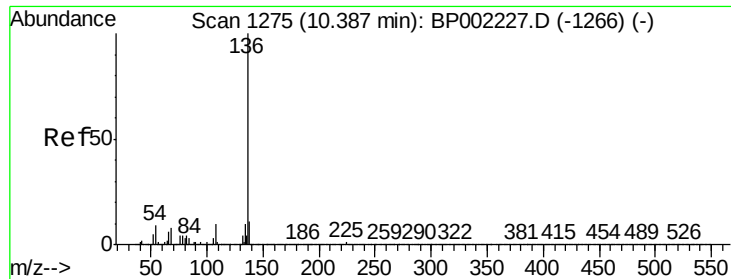
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#20
3+4-Methylphenols
Concen: 37.121 ng
RT: 8.39 min Scan# 936
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.1	111.1
77	32.9	13.6	53.6
79	28.4	9.4	49.4





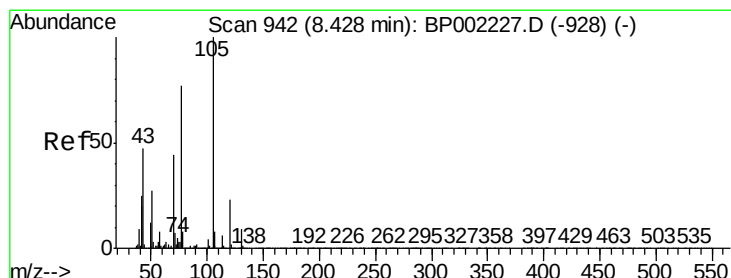
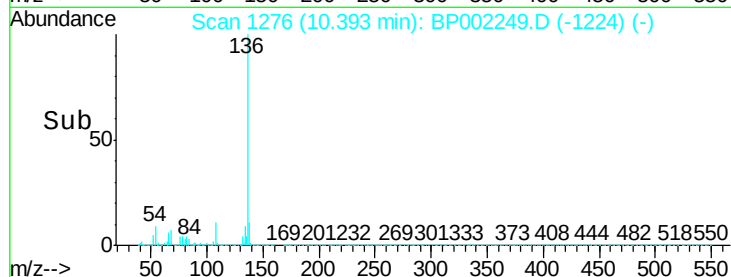
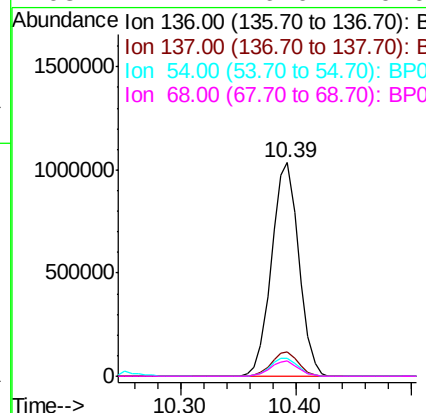
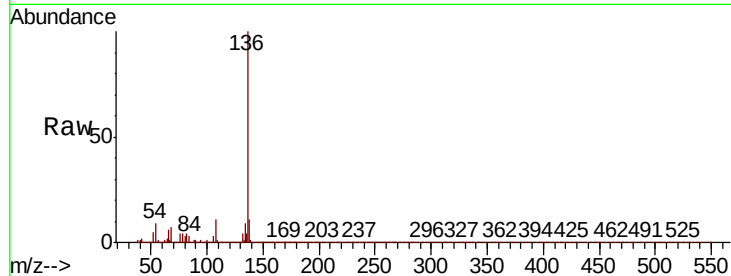
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.5	7.0	10.6
68	7.4	6.0	9.0

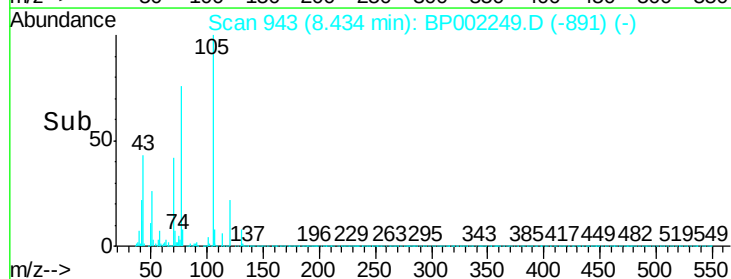
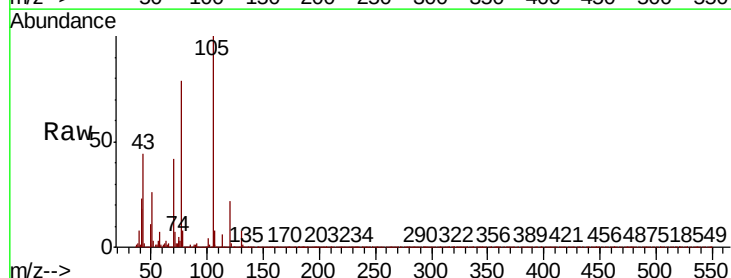
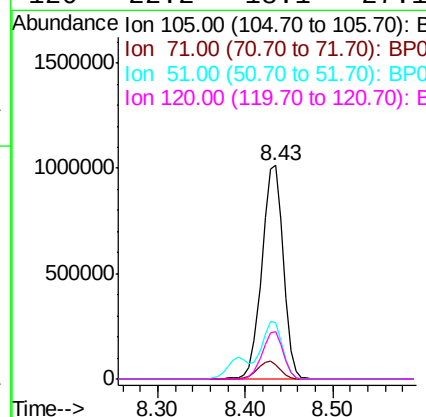
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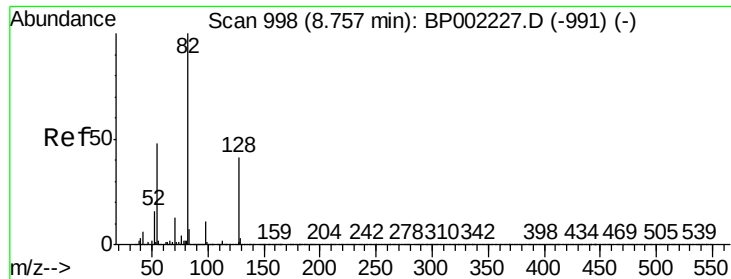
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#22
Acetophenone
Concen: 38.699 ng
RT: 8.43 min Scan# 943
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.8	8.8
51	26.1	21.3	31.9
120	22.2	18.1	27.1





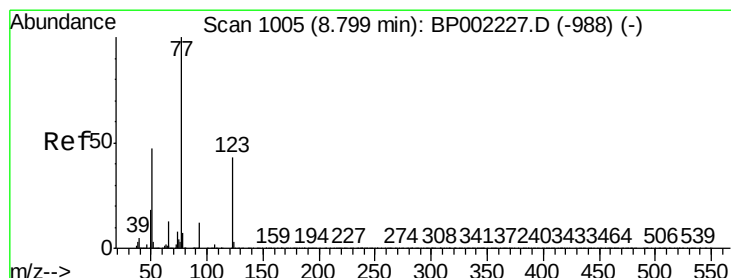
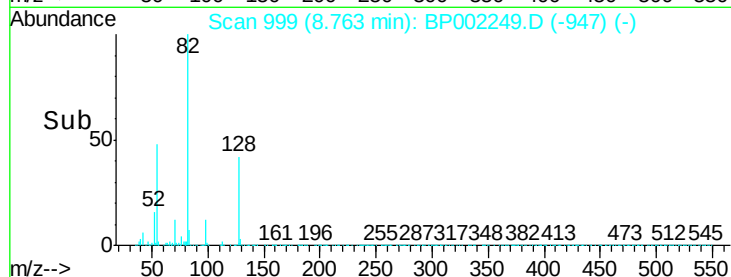
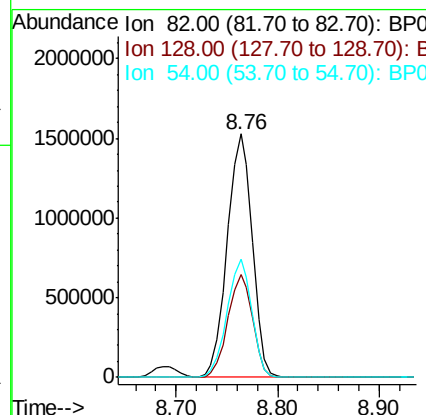
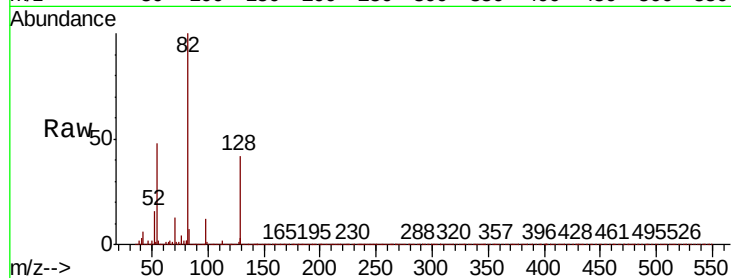
#23
Nitrobenzene-d5
Concen: 79.080 ng
RT: 8.76 min Scan# 999
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.4	48.6
54	48.3	38.2	57.2

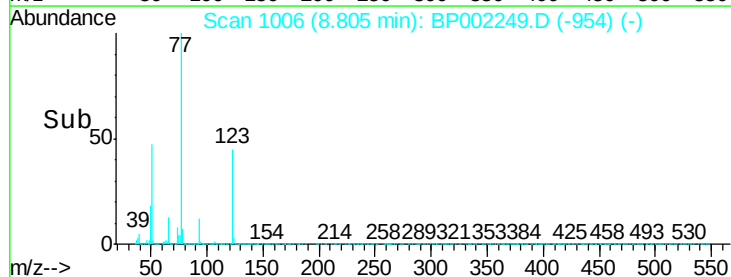
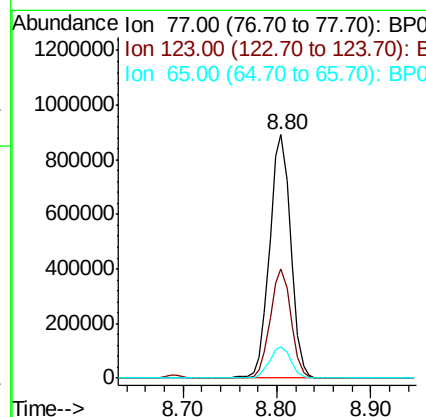
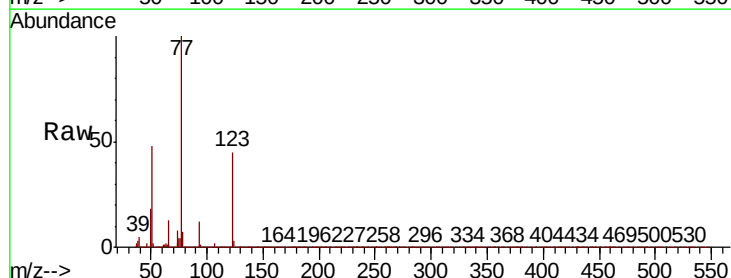
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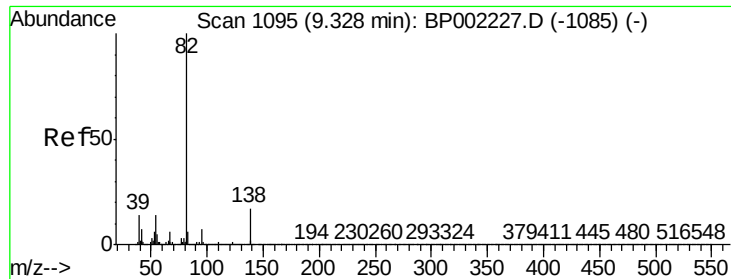
mohammad
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#24
Nitrobenzene
Concen: 39.542 ng
RT: 8.80 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	34.8	52.2
65	13.0	10.4	15.6





#25

Isophorone

Concen: 36.137 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

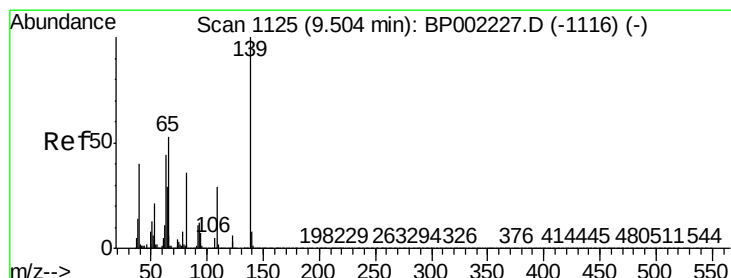
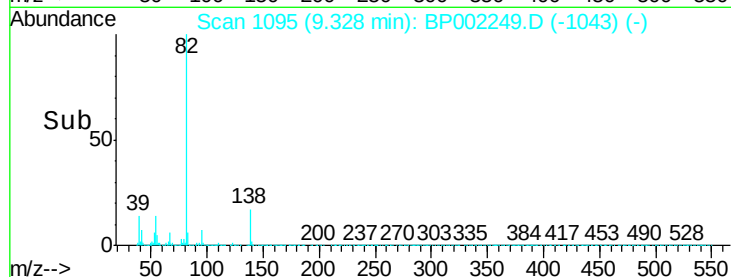
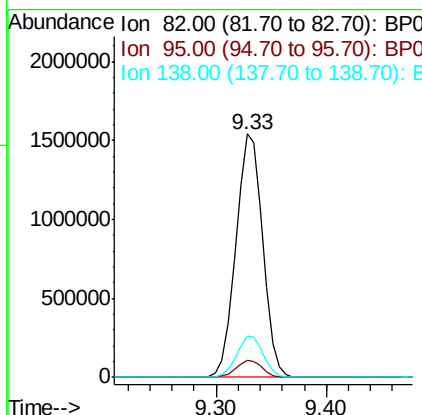
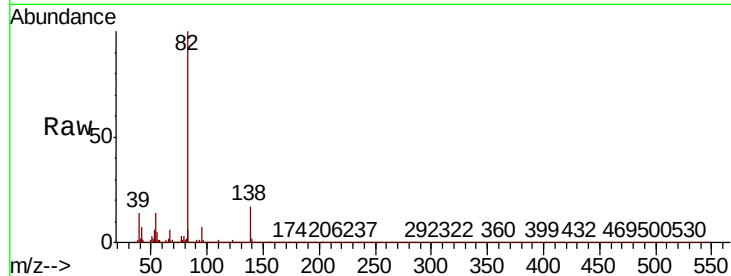
ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:	82	Resp:	2622547
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	16.8	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.286 ng

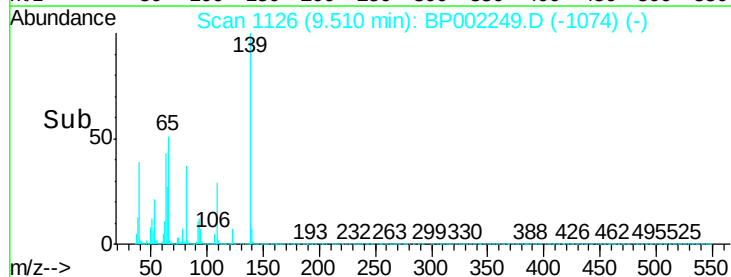
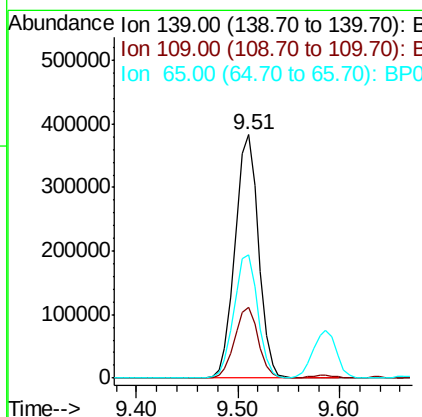
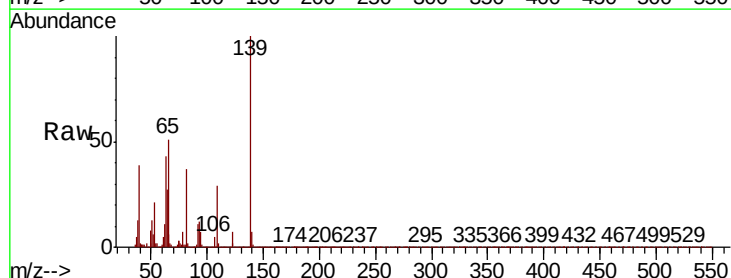
RT: 9.51 min Scan# 1126

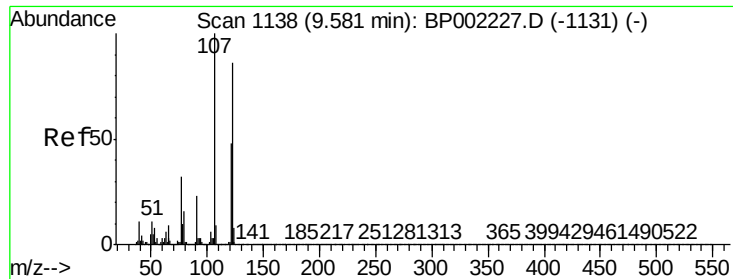
Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:	139	Resp:	617672
Ion	Ratio	Lower	Upper
139	100		
109	29.3	22.9	34.3
65	50.7	42.6	64.0





#27

2,4-Dimethylphenol

Concen: 44.870 ng

RT: 9.59 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

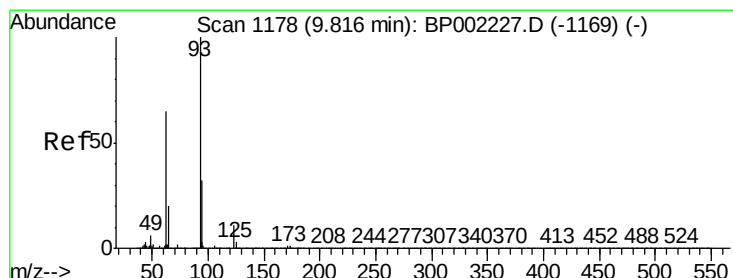
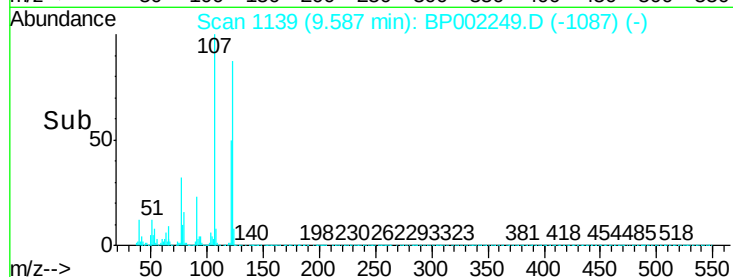
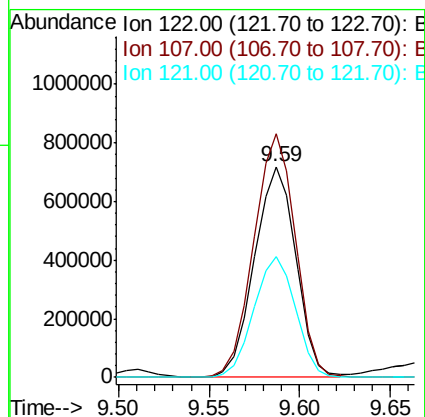
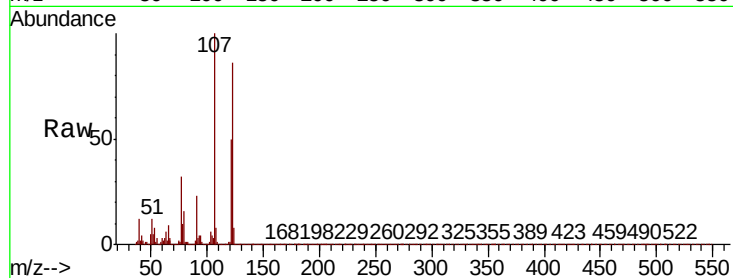
ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:	122	Resp:	1143094
Ion	Ratio	Lower	Upper
122	100		
107	115.6	93.3	139.9
121	57.6	44.7	67.1

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 38.615 ng

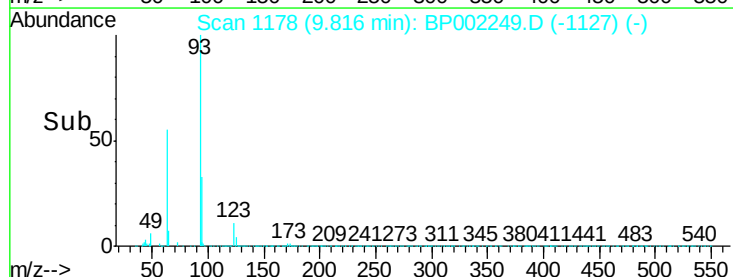
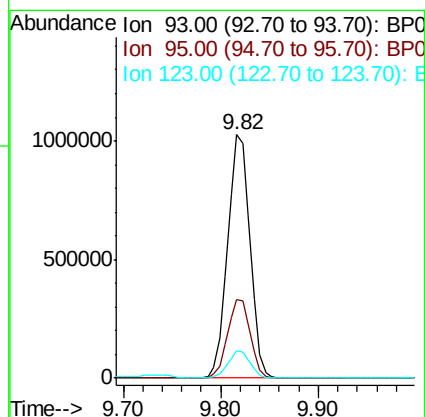
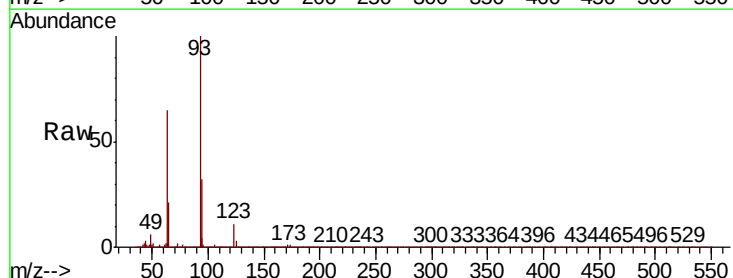
RT: 9.82 min Scan# 1178

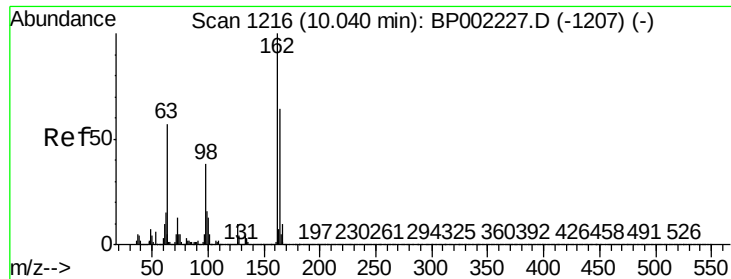
Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:	93	Resp:	1623752
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	11.0	8.6	12.8





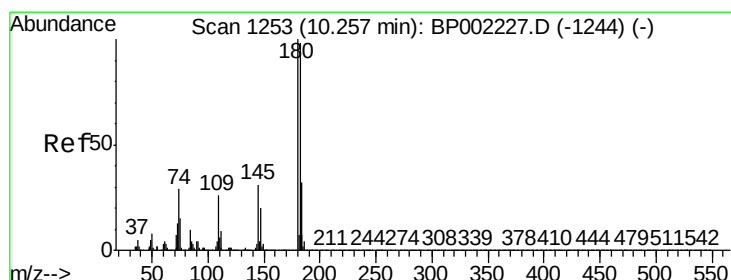
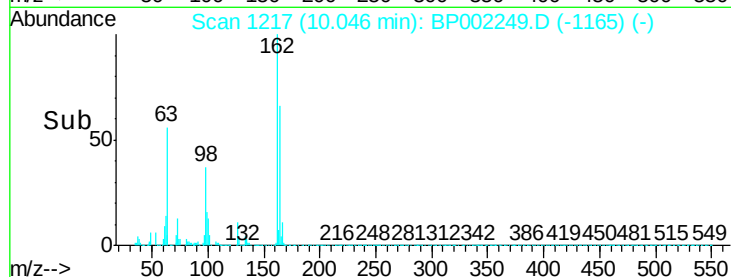
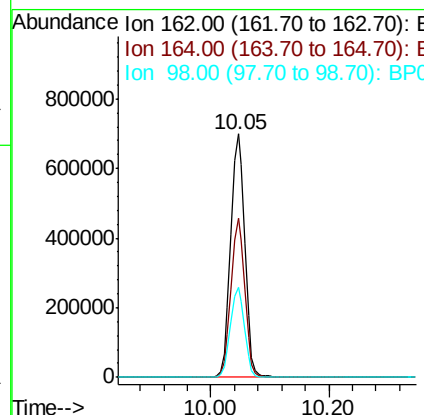
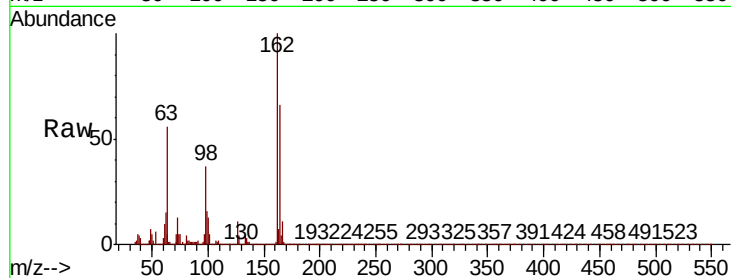
#29
 2,4-Dichlorophenol
 Concen: 43.136 ng
 RT: 10.05 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Instrument :
 BNA_P
 ClientSampleId :
 FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	43.6	83.6
98	37.2	17.9	57.9

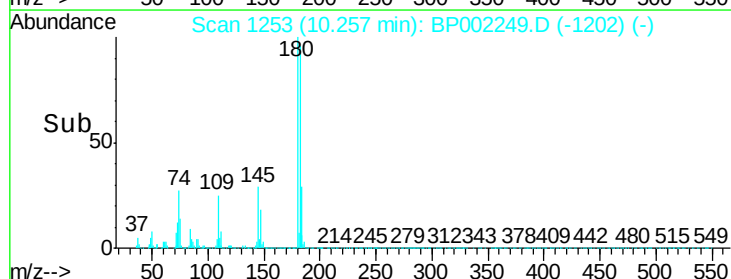
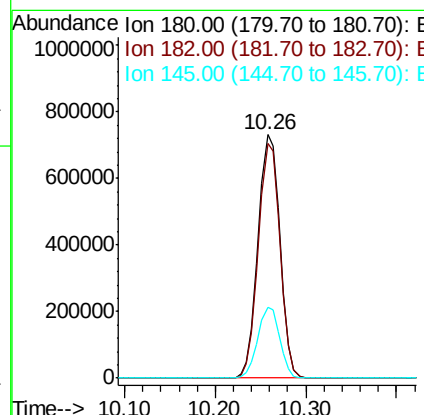
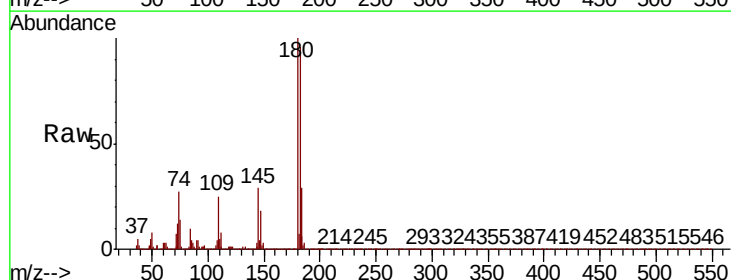
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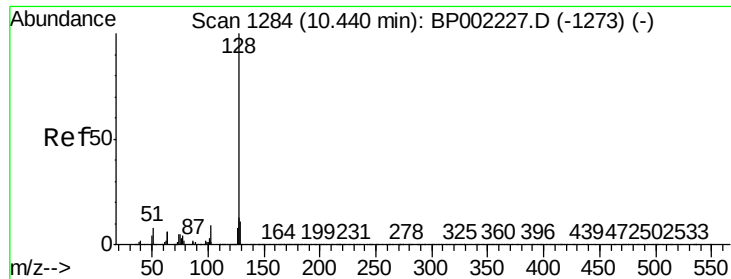
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.955 ng
 RT: 10.26 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.6	117.8
145	29.1	24.7	37.1





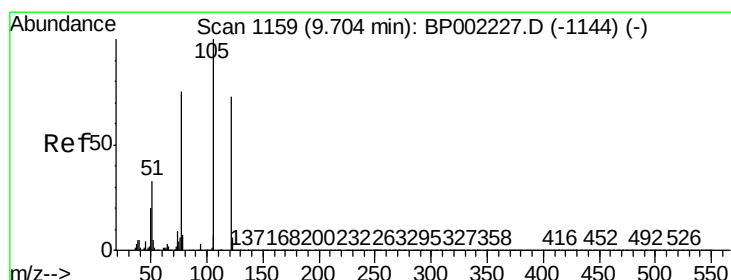
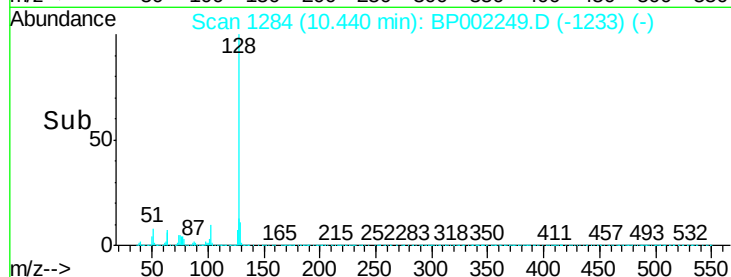
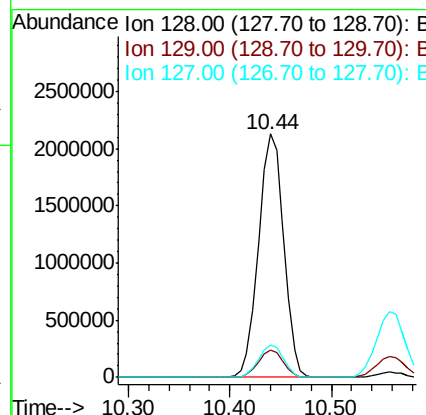
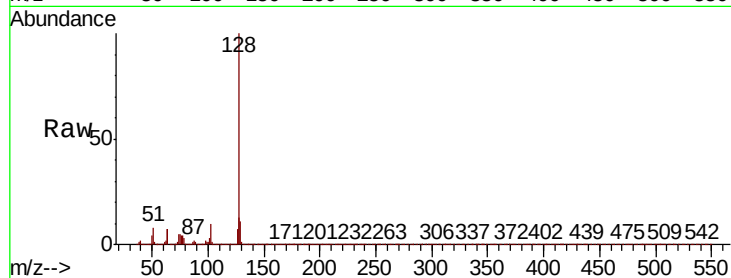
#31
Naphthalene
Concen: 39.713 ng
RT: 10.44 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.4	10.3	15.5

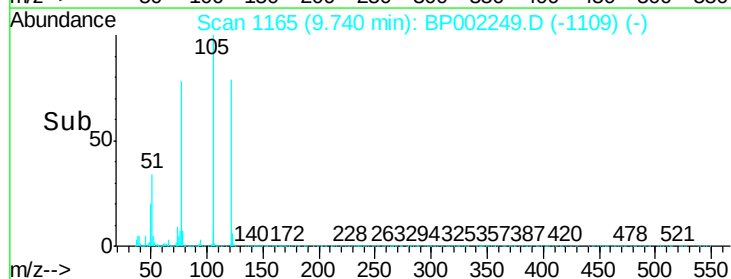
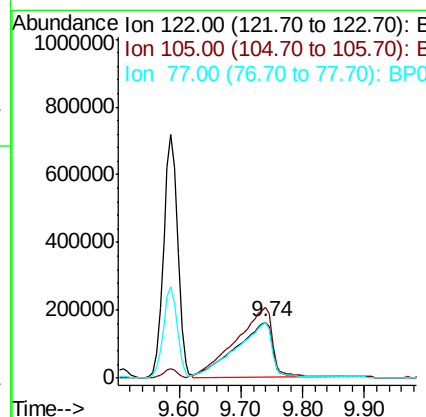
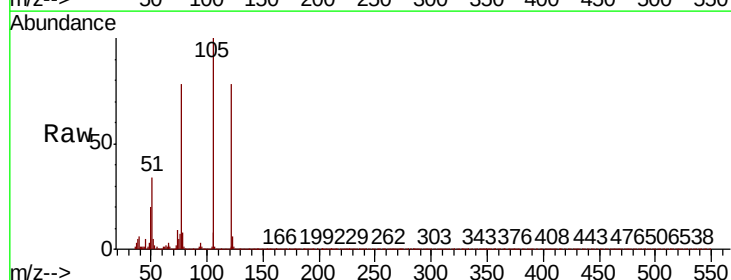
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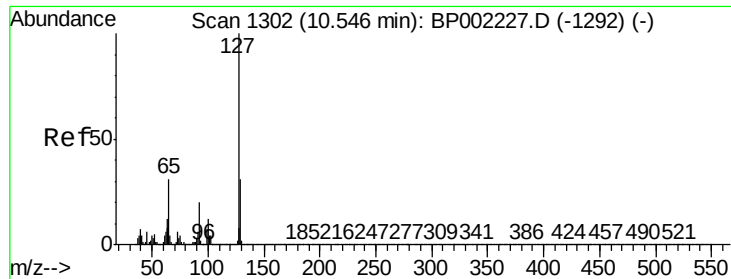
mohammad
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#32
Benzoic acid
Concen: 40.186 ng
RT: 9.74 min Scan# 1165
Delta R.T. 0.03 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.7	108.6	148.6
77	99.1	79.2	119.2





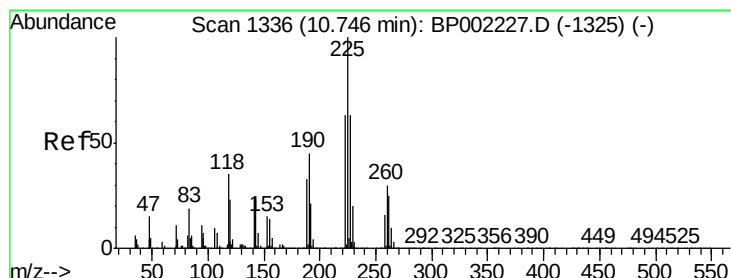
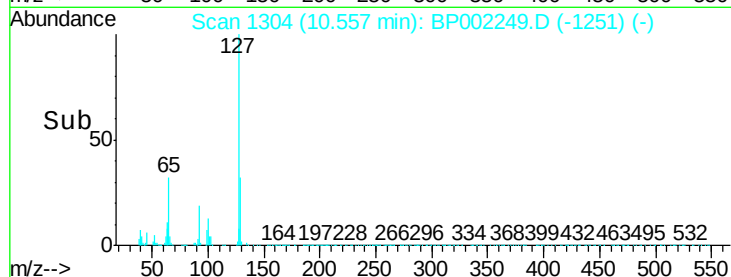
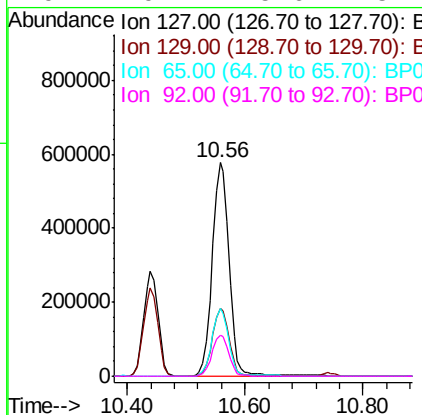
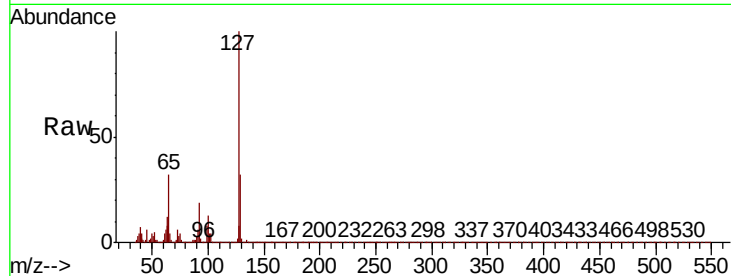
#33
4-Chloroaniline
Concen: 27.121 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.0	37.4		
65	31.6	24.6	36.8		
92	19.4	15.6	23.4		

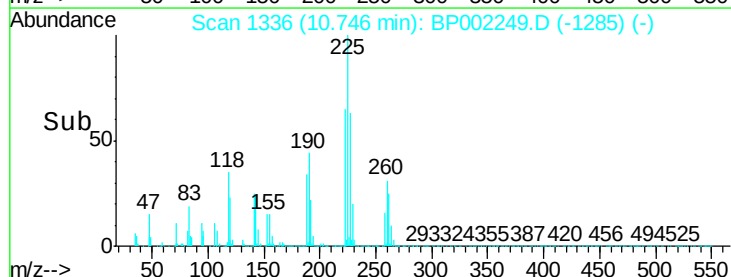
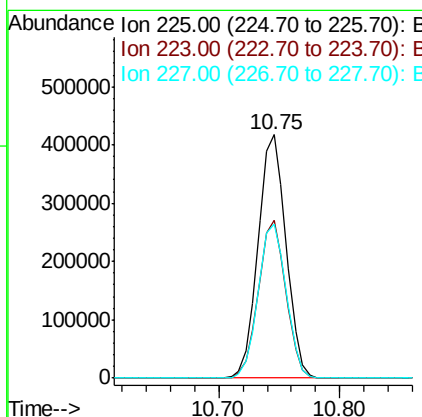
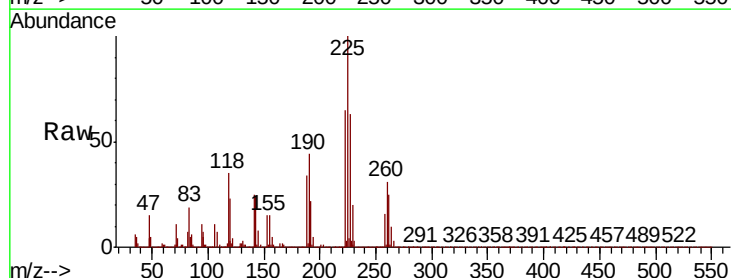
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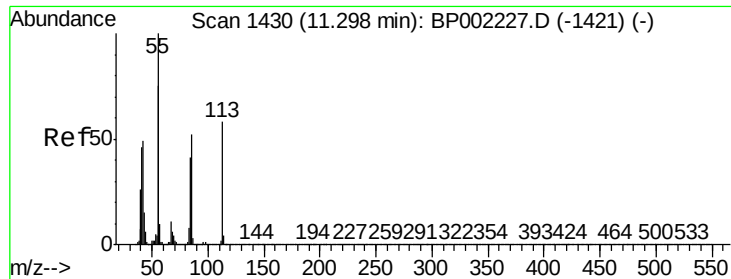
mohammad
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#34
Hexachlorobutadiene
Concen: 39.225 ng
RT: 10.75 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	50.6	75.8		
227	63.1	50.3	75.5		





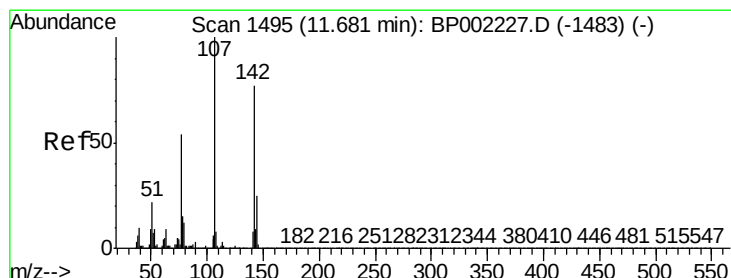
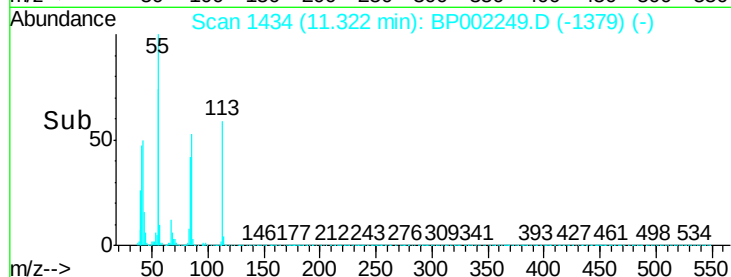
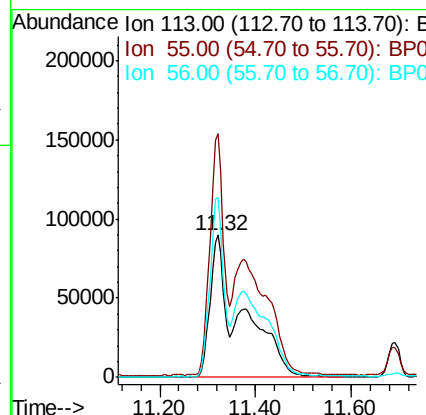
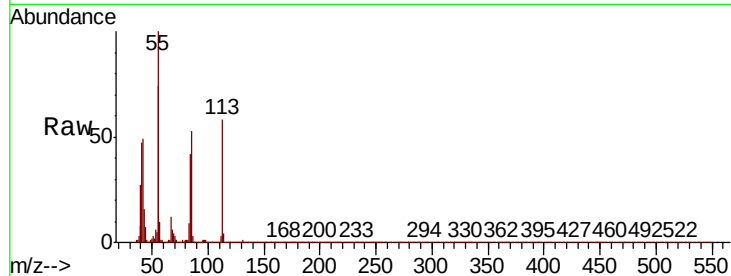
#35
Caprolactam
Concen: 38.924 ng/ml
RT: 11.32 min Scan# 1434
Delta R.T. 0.02 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	171.3		153.8	193.8	
56	126.1		109.8	149.8	

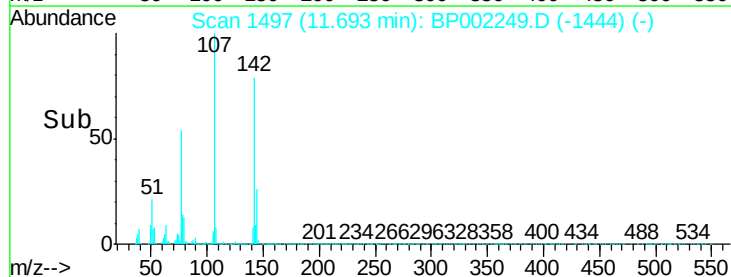
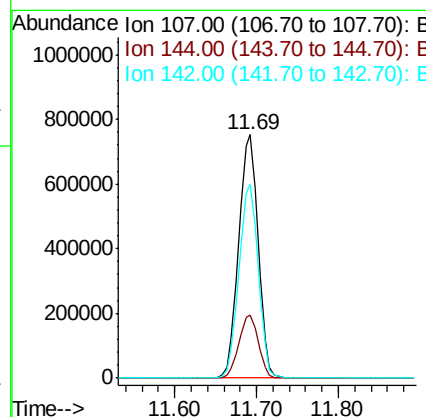
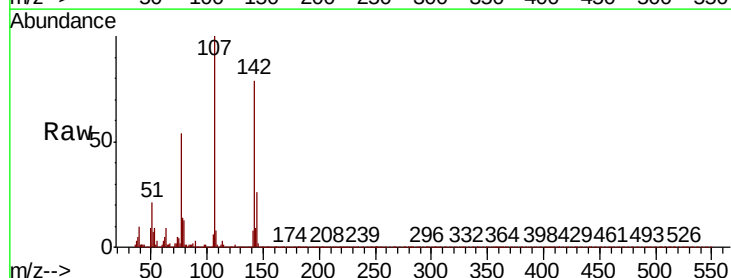
Manual Integrations
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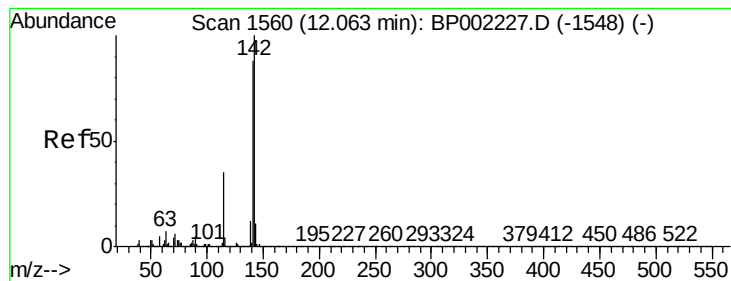
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.639 ng/ml
RT: 11.69 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.0		20.2	30.2	
142	79.4		61.9	92.9	





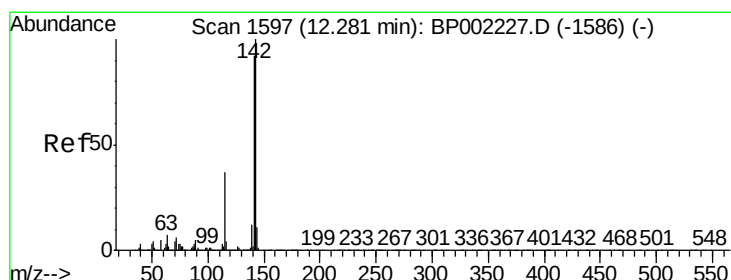
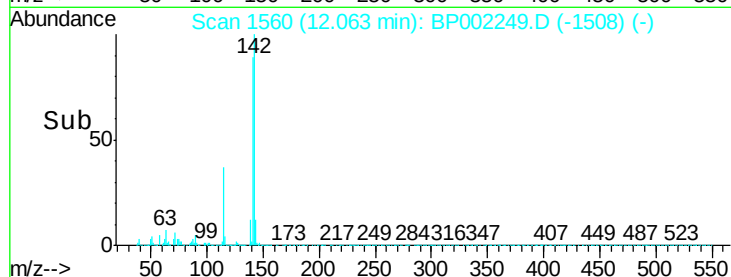
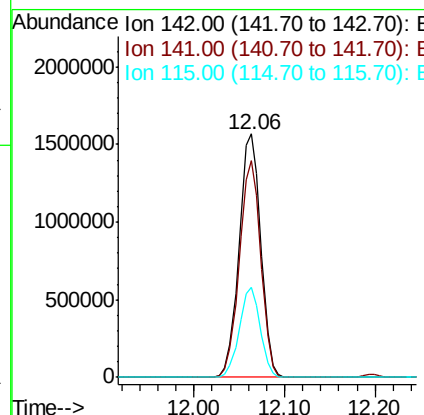
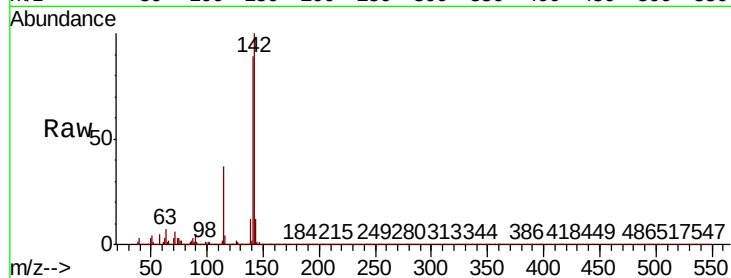
#37
 2-Methylnaphthalene
 Concen: 39.530 ng
 RT: 12.06 min Scan# 1560
 Delta R.T. 0.01 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Instrument :
 BNA_P
 ClientSampleId :
 FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.6	105.8
115	36.8	28.3	42.5

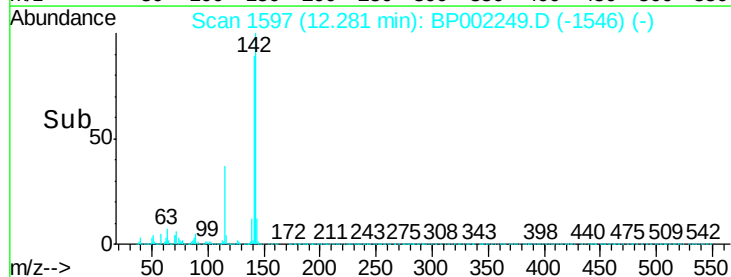
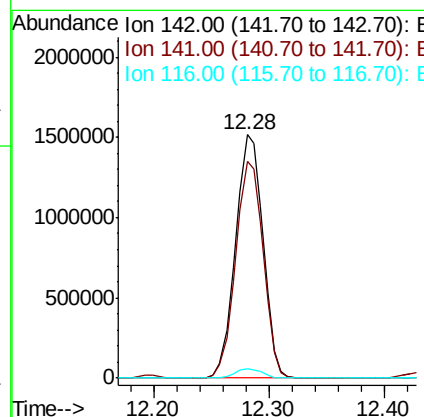
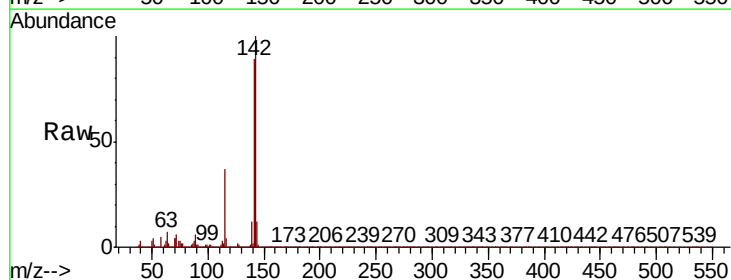
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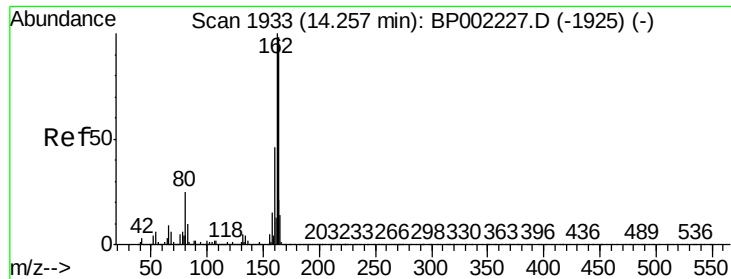
mohammad
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#38
 1-Methylnaphthalene
 Concen: 39.586 ng
 RT: 12.28 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.9	110.9
116	3.9	3.0	4.6





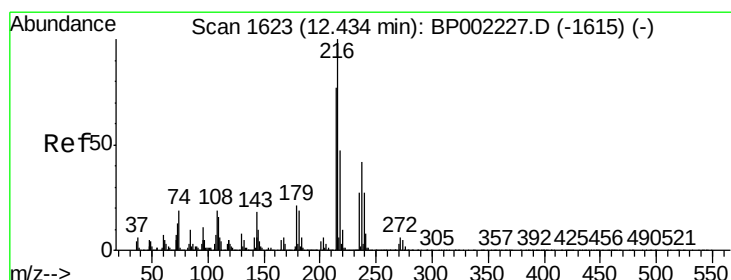
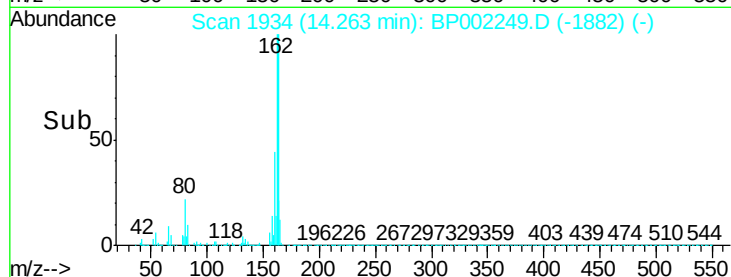
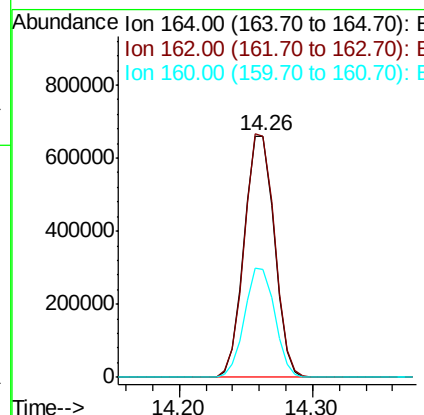
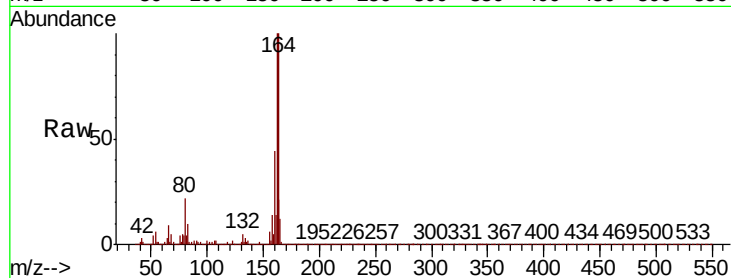
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.5	122.3
160	44.5	37.3	55.9

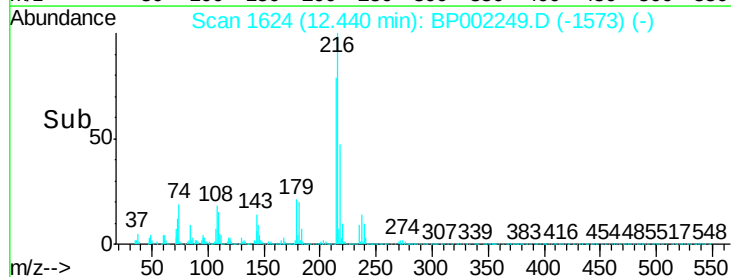
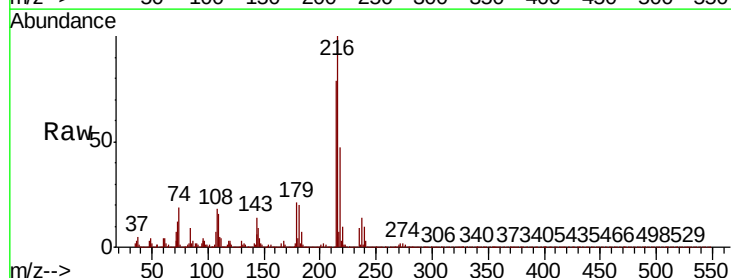
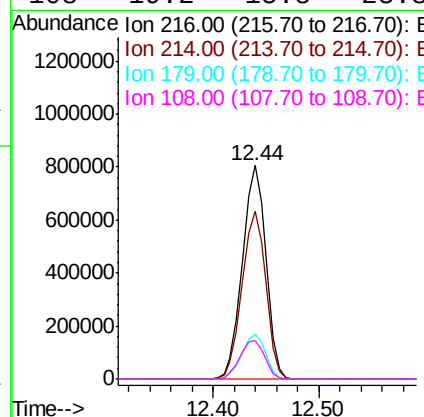
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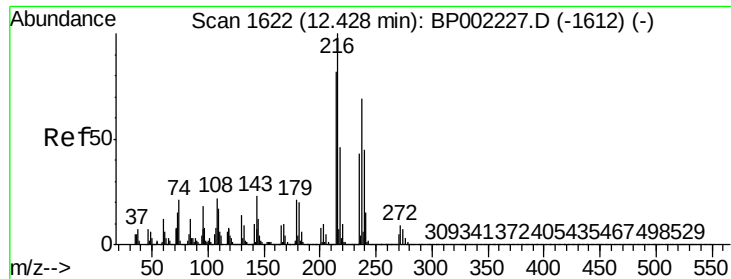
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.316 ng
RT: 12.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.2	93.4
179	21.0	16.4	24.6
108	19.2	15.8	23.8





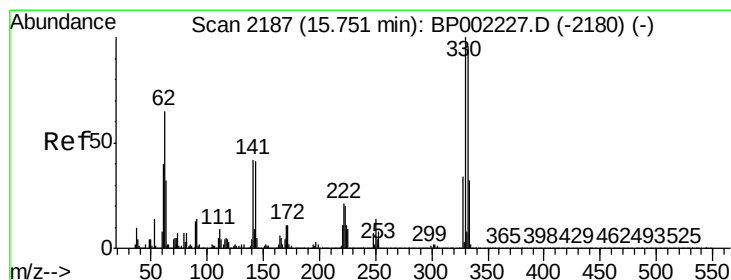
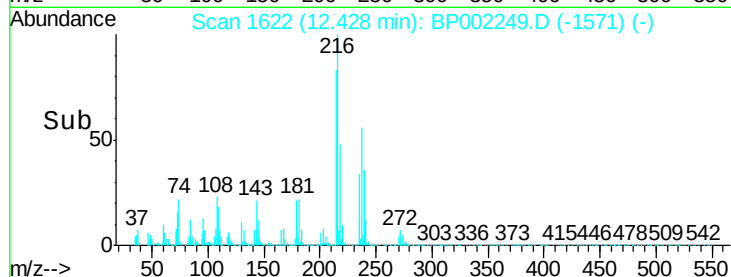
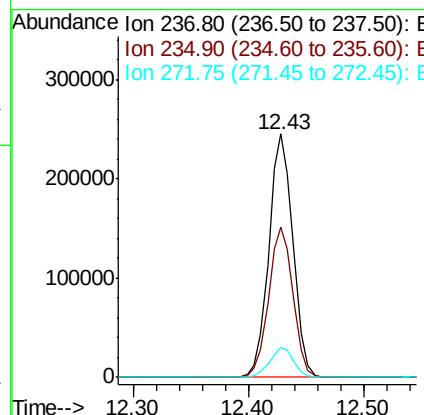
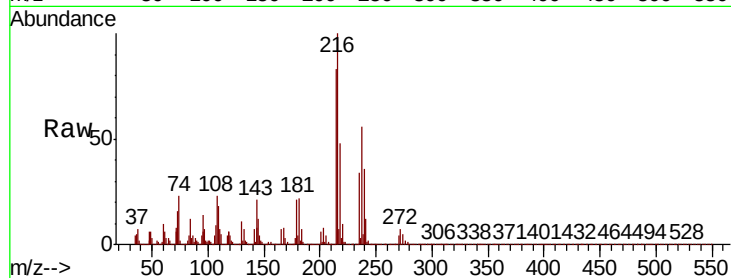
#41
Hexachlorocyclopentadiene
Concen: 25.067 ng
RT: 12.43 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	354744		
235	61.6	43.0	83.0	
272	12.1	0.0	32.7	

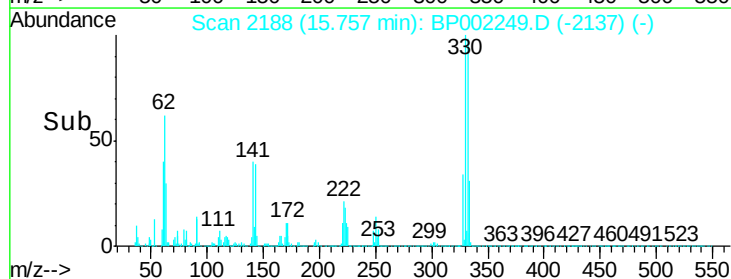
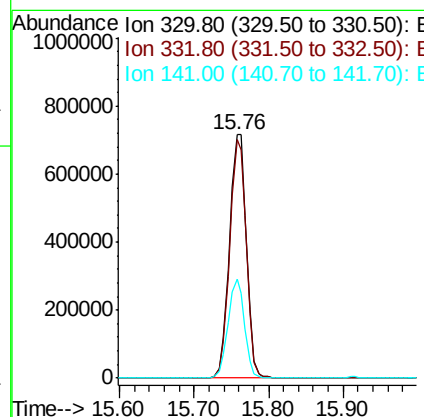
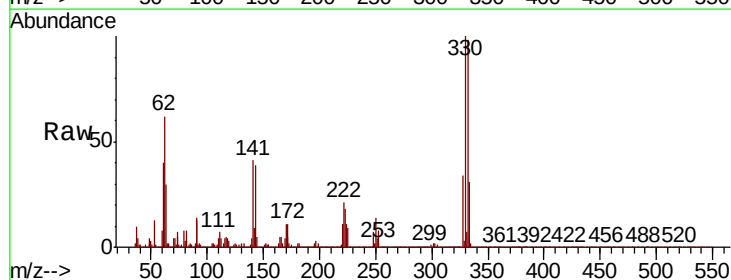
Manual Integrations
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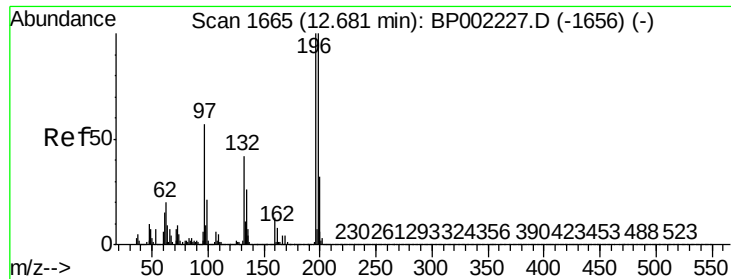
mohammad
5/6/2020 6:44:46 PM



#42
2,4,6-Tribromophenol
Concen: 104.528 ng
RT: 15.76 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	1141433		
332	96.1	76.3	114.5	
141	39.0	32.0	48.0	





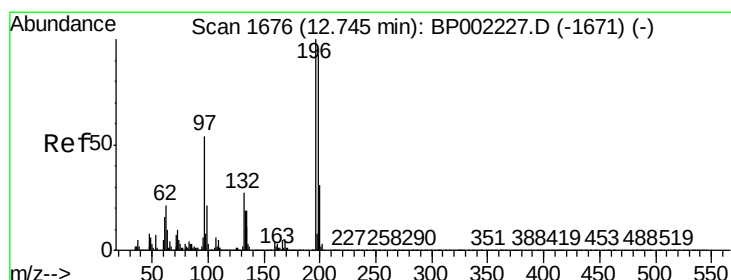
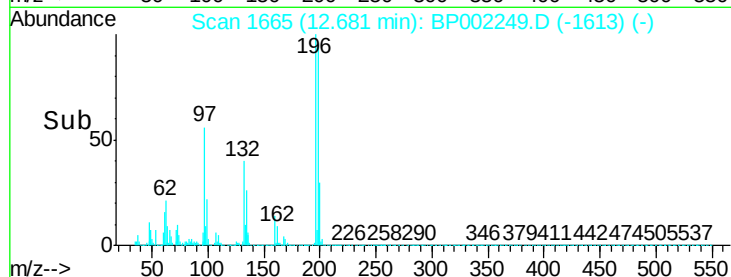
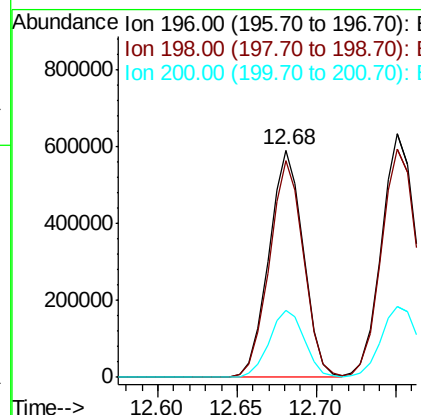
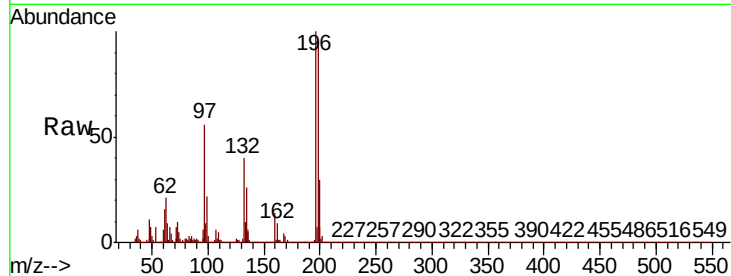
#43
 2,4,6-Trichlorophenol
 Concen: 42.797 ng
 RT: 12.68 min Scan# 1665
 Delta R.T. 0.01 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Instrument :
 BNA_P
 ClientSampleId :
 FK-SF-03-009-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	888755		
198	95.3	79.8	119.6	
200	29.7	25.4	38.2	

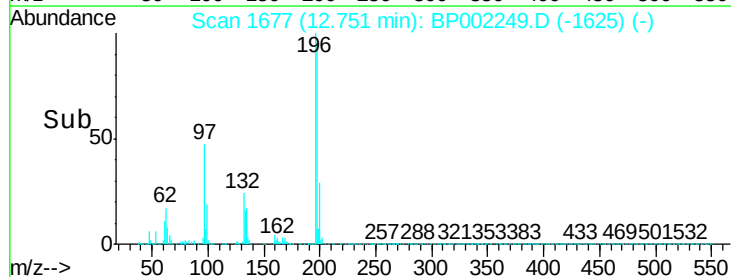
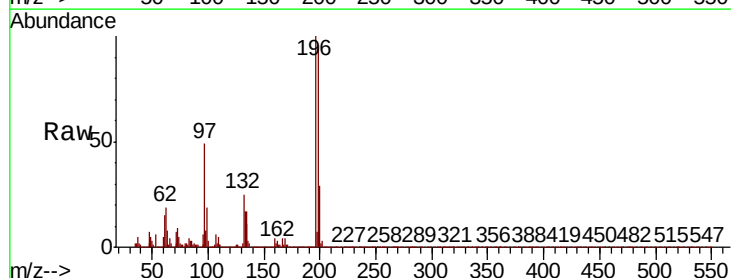
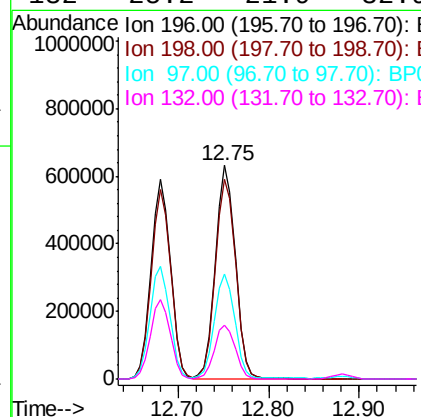
Manual Integrations
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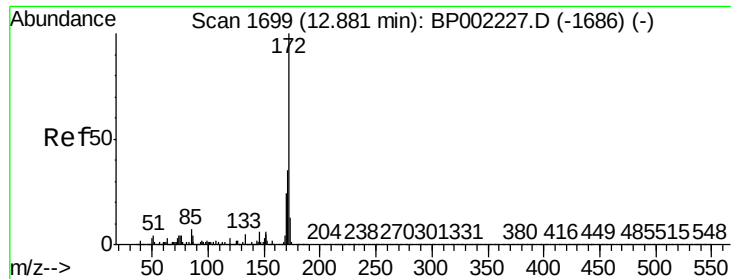
mohammad
 5/6/2020 6:44:46 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.658 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. 0.01 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	971417		
198	93.7	74.5	111.7	
97	49.4	43.4	65.0	
132	25.2	21.9	32.9	





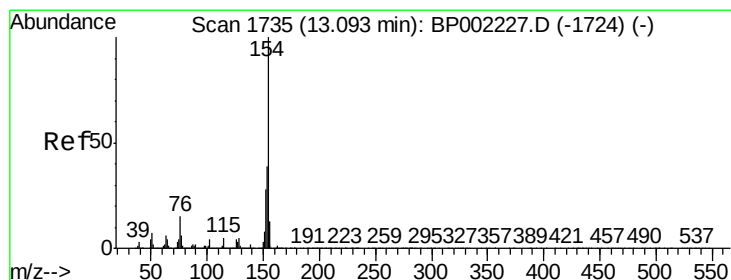
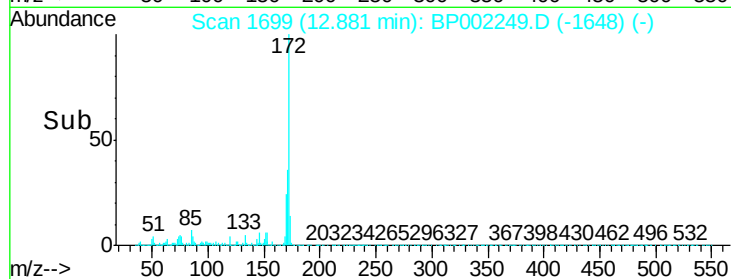
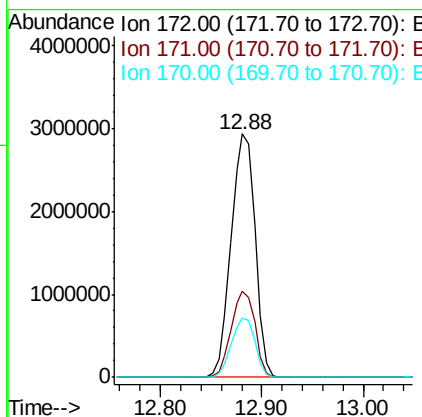
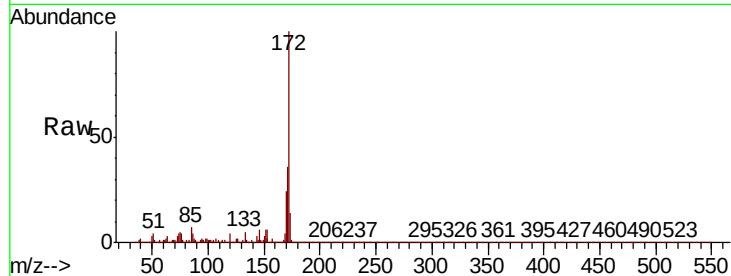
#45
2-Fluorobiphenyl
Concen: 65.516 ng
RT: 12.88 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.5	19.0	28.6

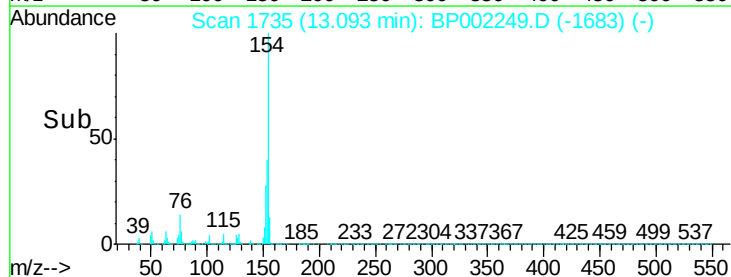
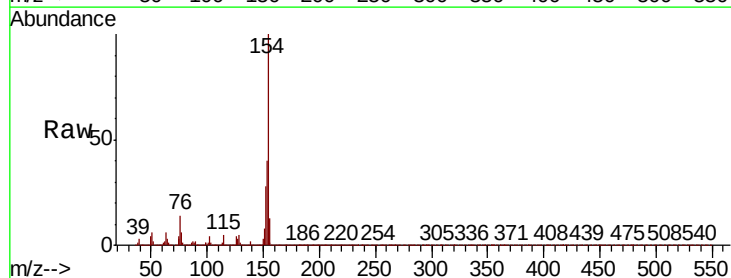
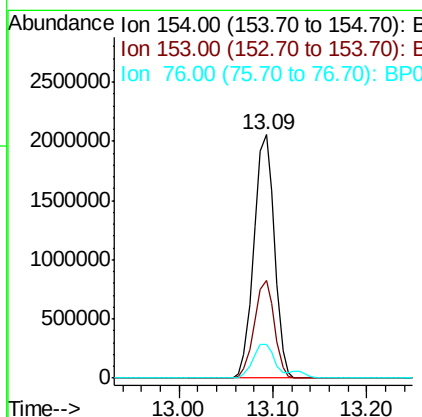
Manual Integrations
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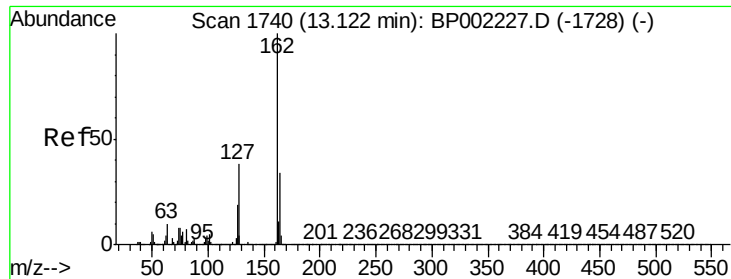
mohammad
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#46
1,1'-Biphenyl
Concen: 38.389 ng
RT: 13.09 min Scan# 1735
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	18.9	58.9
76	13.9	0.0	34.6





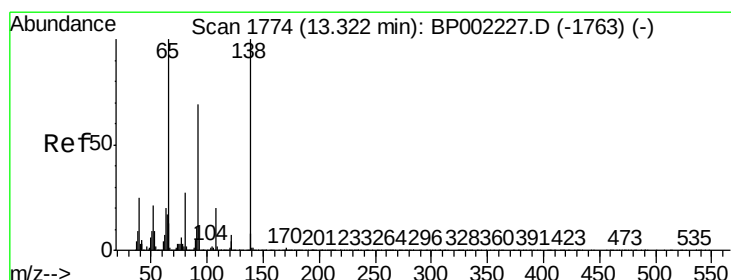
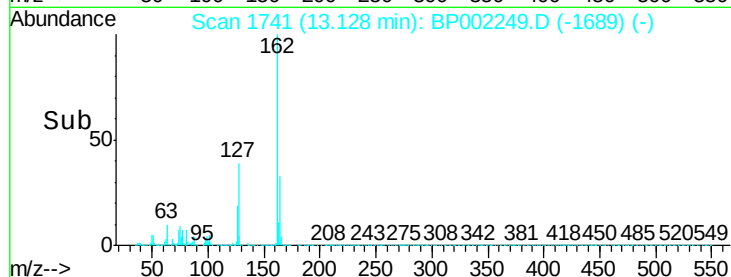
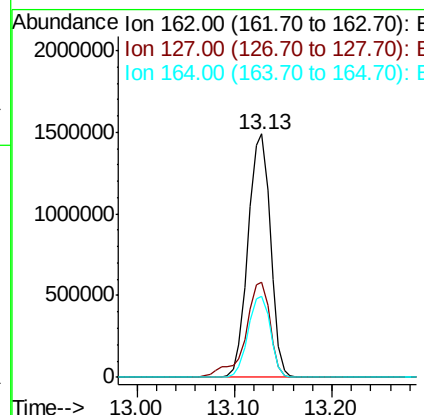
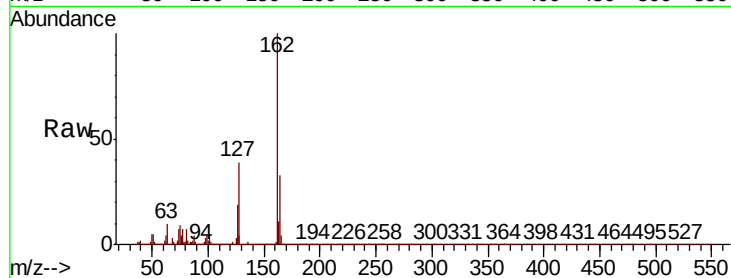
#47
2-Chloronaphthalene
Concen: 38.052 ng
RT: 13.13 min Scan# 1741
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.2	45.4
164	33.1	27.0	40.4

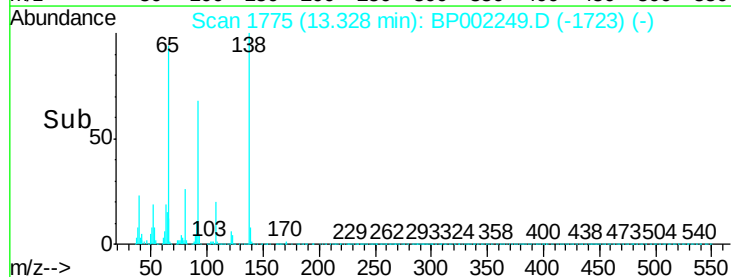
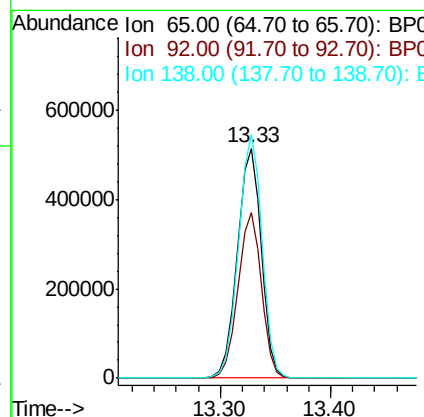
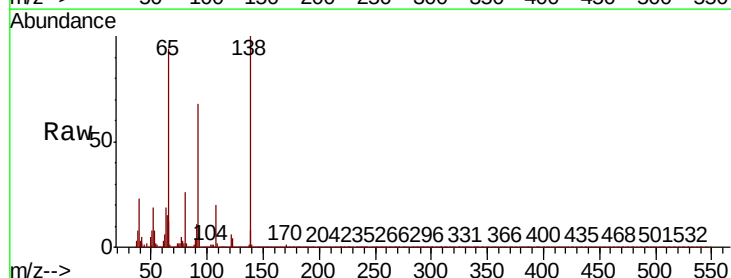
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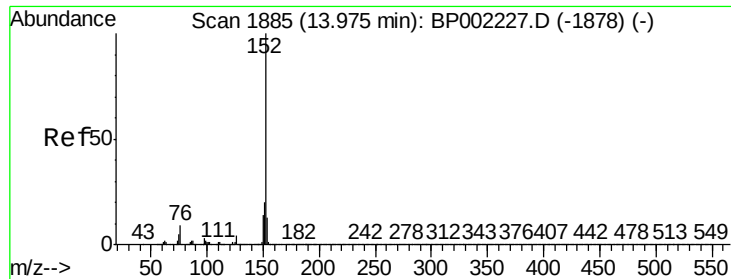
mohammad
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#48
2-Nitroaniline
Concen: 41.775 ng
RT: 13.33 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	55.6	83.4
138	106.1	79.9	119.9





#49

Acenaphthylene

Concen: 39.736 ng

RT: 13.98 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

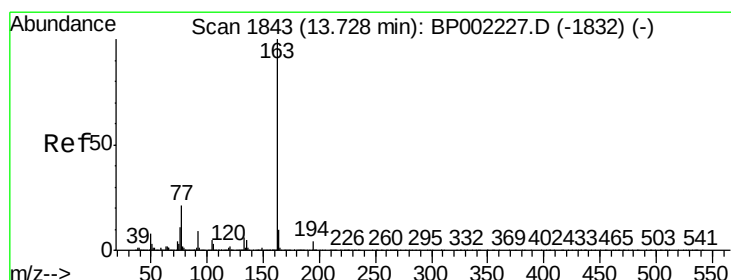
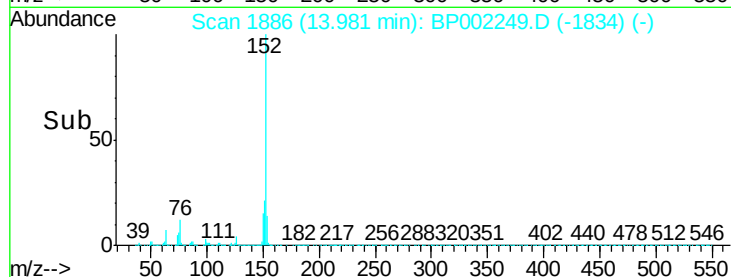
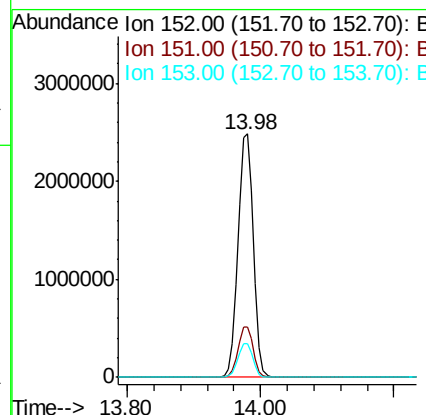
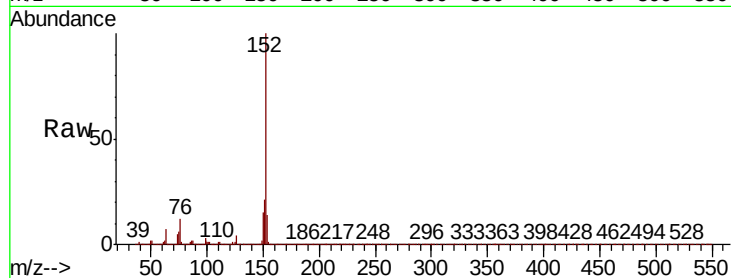
ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:	152	Resp:	4033134
Ion Ratio	Lower	Upper	
152	100		
151	20.8	15.8	23.8
153	13.6	10.7	16.1

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.754 ng

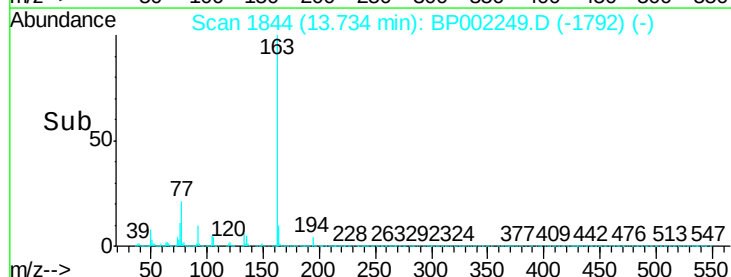
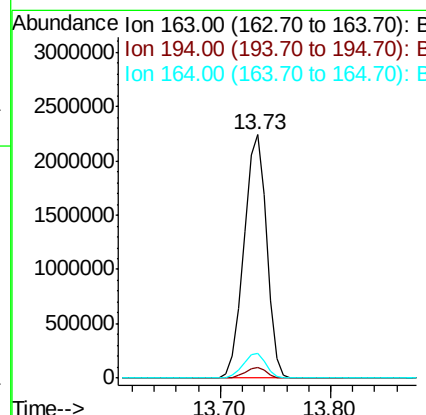
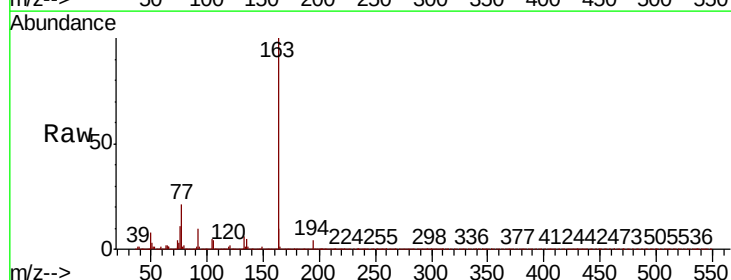
RT: 13.73 min Scan# 1844

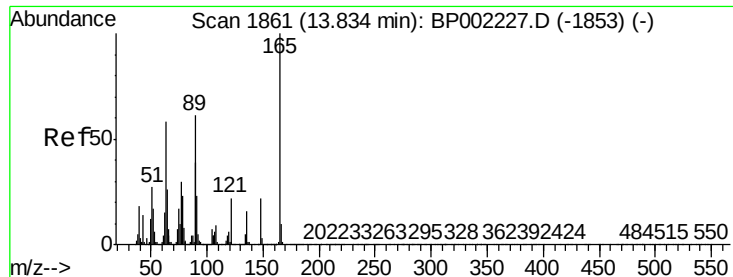
Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:	163	Resp:	3232792
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.2	7.8	11.8





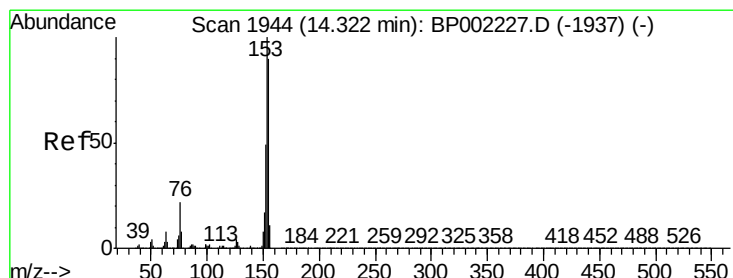
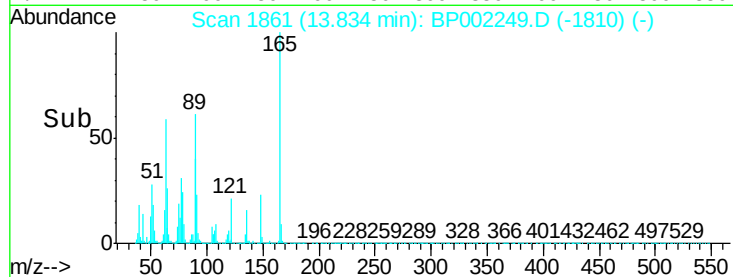
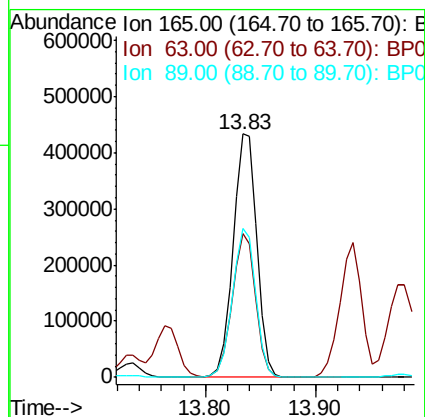
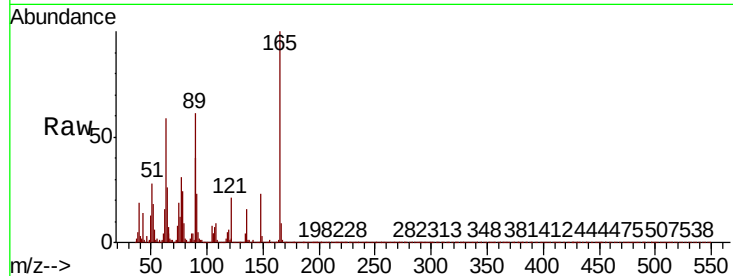
#51
2,6-Dinitrotoluene
Concen: 38.859 ng
RT: 13.83 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion:	165	Resp:	650509
Ion Ratio	Lower	Upper	
165	100		
63	59.0	46.4	69.6
89	60.9	49.1	73.7

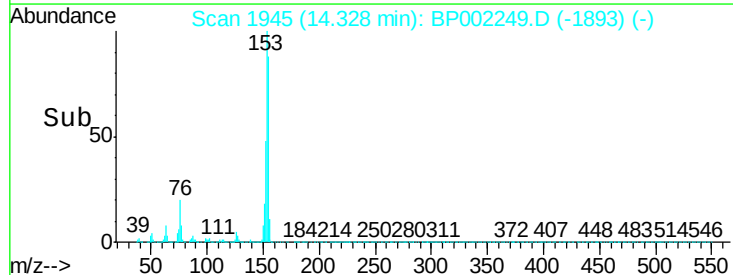
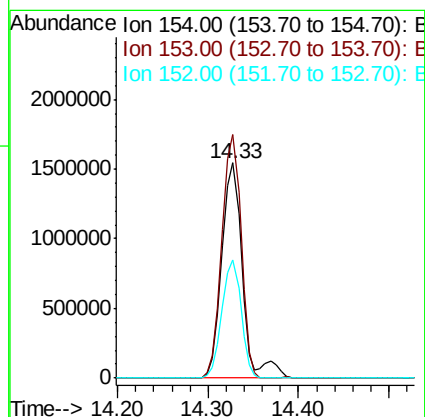
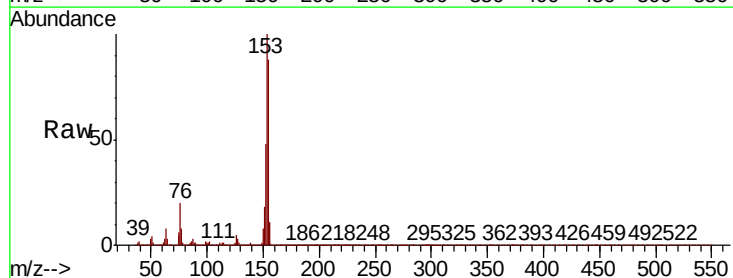
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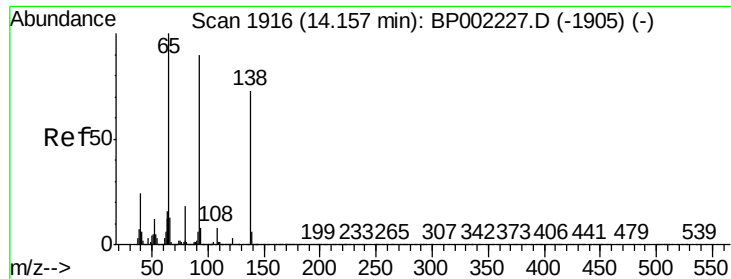
mohammad
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#52
Acenaphthene
Concen: 38.132 ng m
RT: 14.33 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:	154	Resp:	2442174
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.4	134.0
152	54.7	43.4	65.2





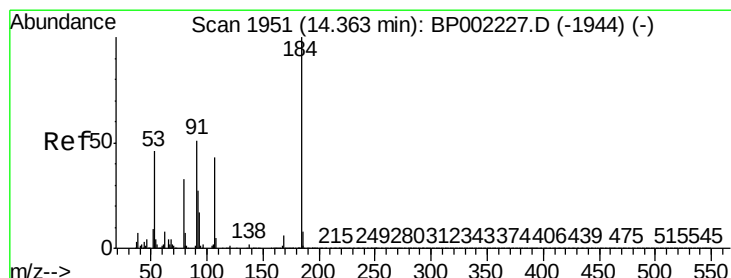
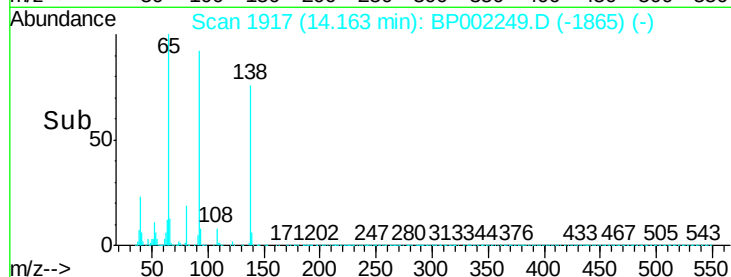
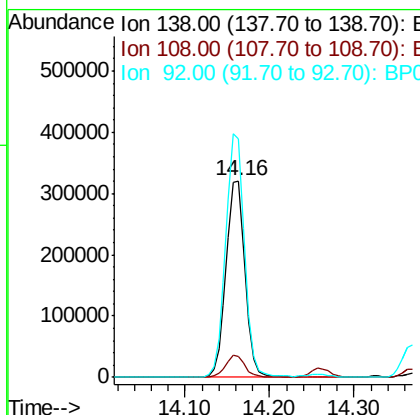
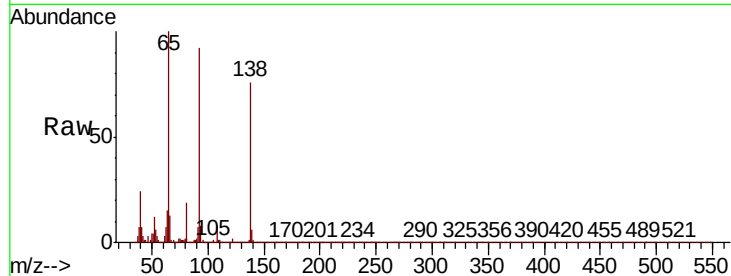
#53
3-Nitroaniline
Concen: 24.879 ng
RT: 14.16 min Scan# 1917
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	497448		
108	10.8	8.3	12.5	
92	121.2	98.5	147.7	

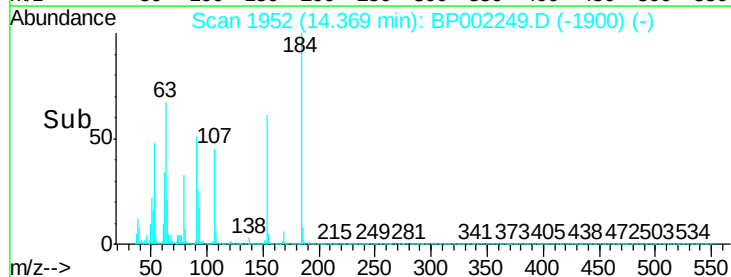
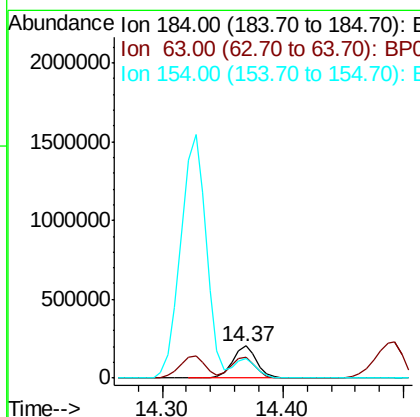
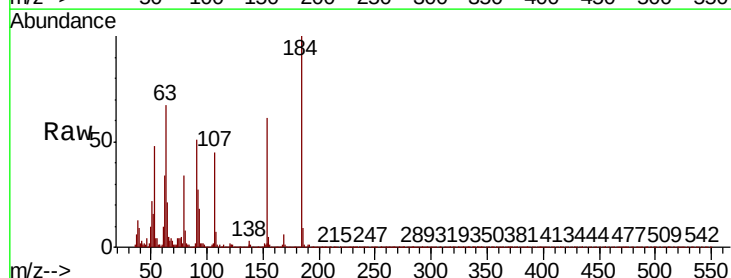
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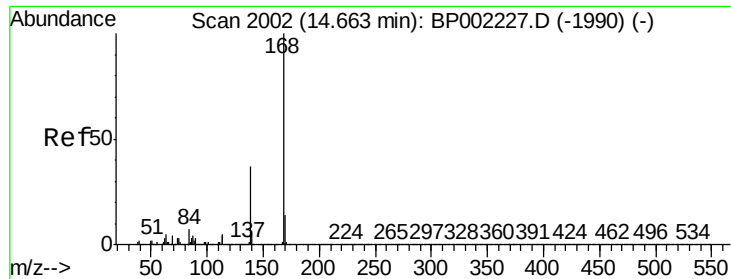
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#54
2,4-Dinitrophenol
Concen: 41.095 ng
RT: 14.37 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	281201		
63	66.9	53.0	79.6	
154	60.9	47.4	71.2	





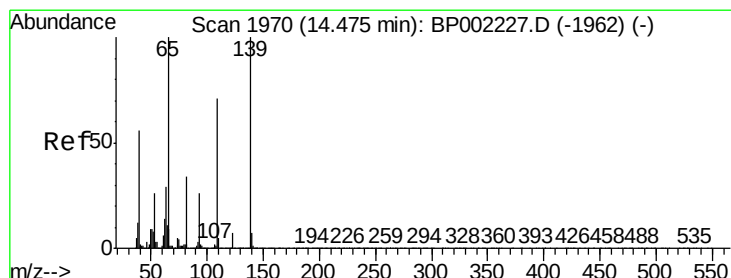
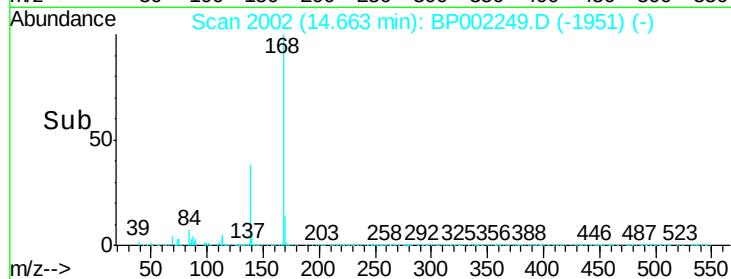
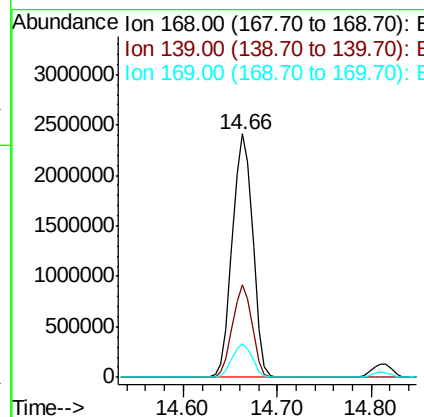
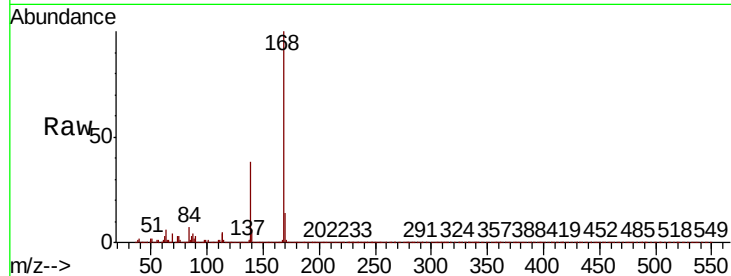
#55
Dibenzofuran
Concen: 37.547 ng
RT: 14.66 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.3	43.9
169	13.9	11.0	16.6

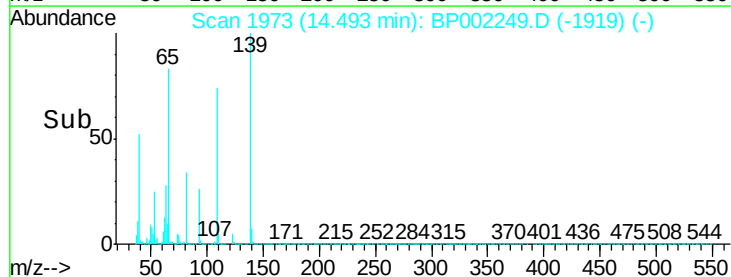
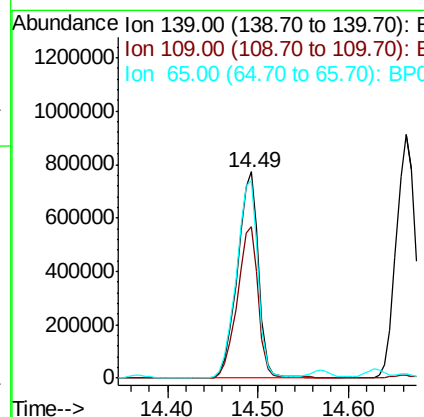
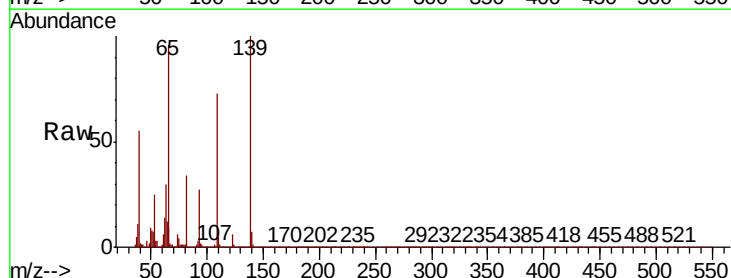
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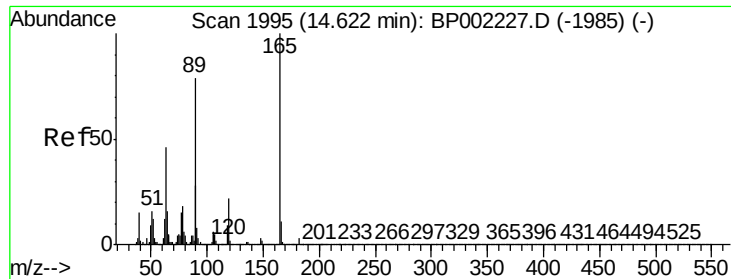
mohammad
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#56
4-Nitrophenol
Concen: 79.365 ng
RT: 14.49 min Scan# 1973
Delta R.T. 0.02 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.5	50.6	90.6
65	96.2	80.2	120.2





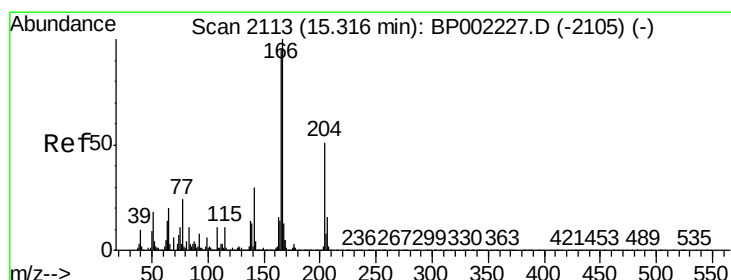
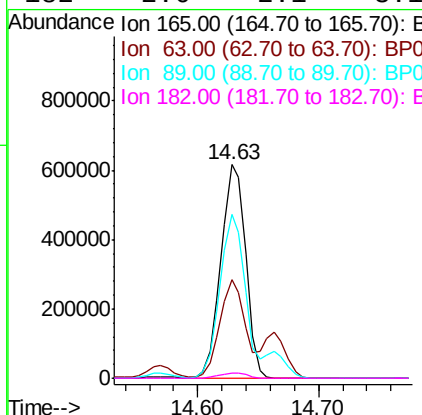
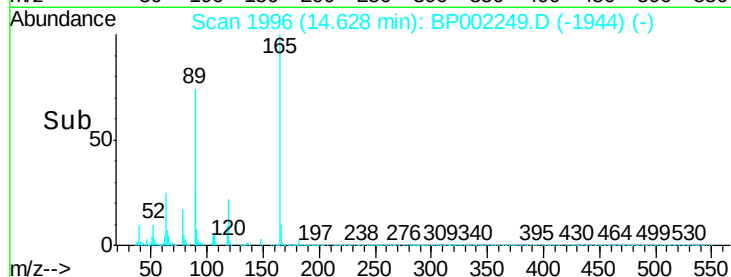
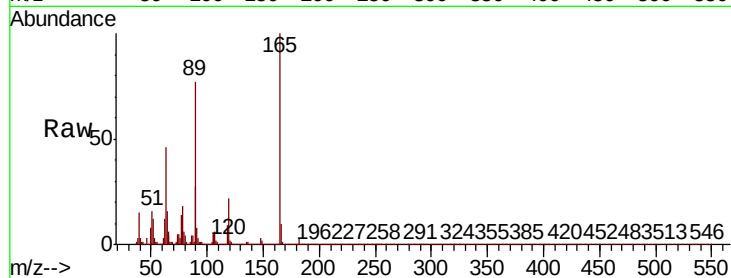
#57
2,4-Dinitrotoluene
Concen: 39.400 ng
RT: 14.63 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion:	165	Resp:	873660
Ion Ratio	Lower	Upper	
165	100		
63	46.1	36.8	55.2
89	77.0	63.2	94.8
182	2.6	2.1	3.1

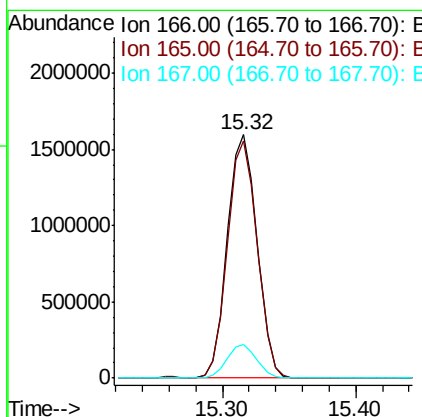
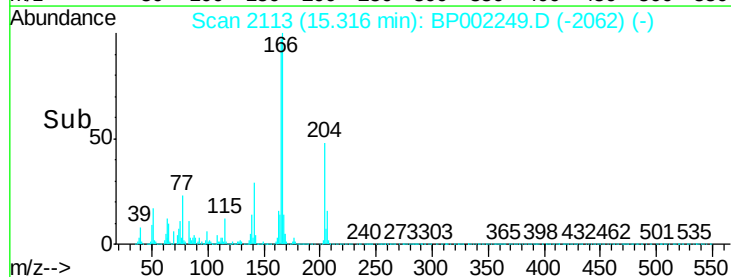
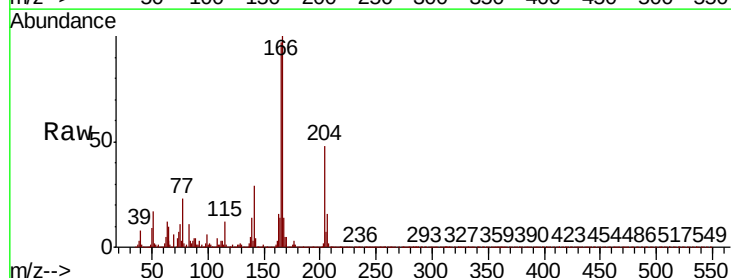
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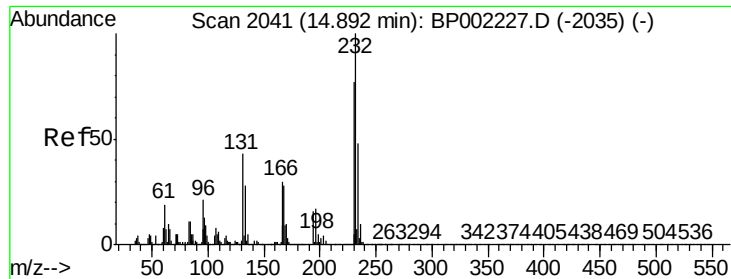
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#58
Fluorene
Concen: 32.416 ng
RT: 15.32 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion:	166	Resp:	2491627
Ion Ratio	Lower	Upper	
166	100		
165	97.2	75.7	113.5
167	13.7	10.6	15.8





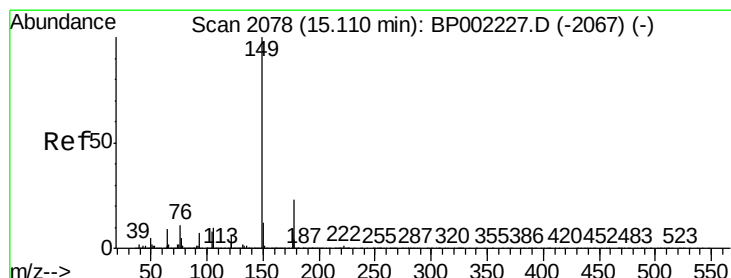
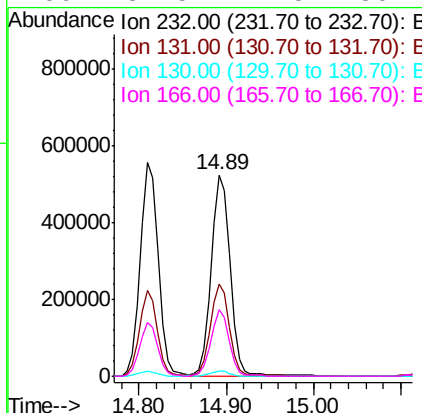
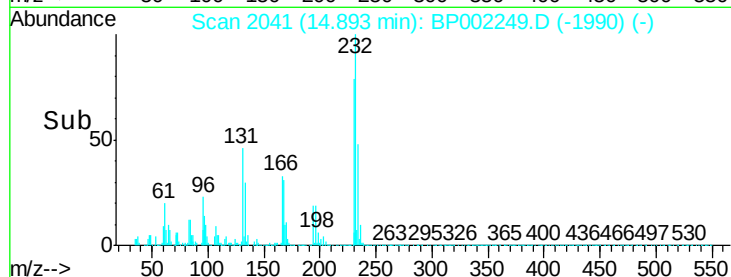
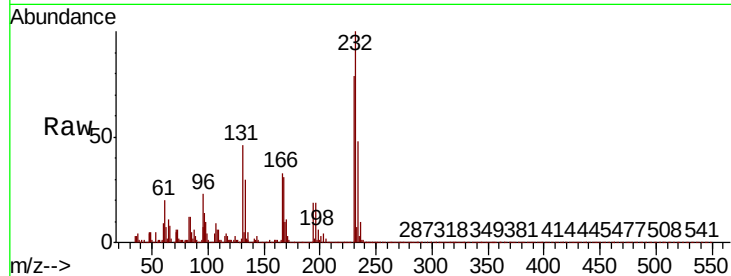
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.795 ng
 RT: 14.89 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Instrument :
 BNA_P
 ClientSampleId :
 FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	35.7	53.5
130	2.3	1.8	2.6
166	31.5	24.5	36.7

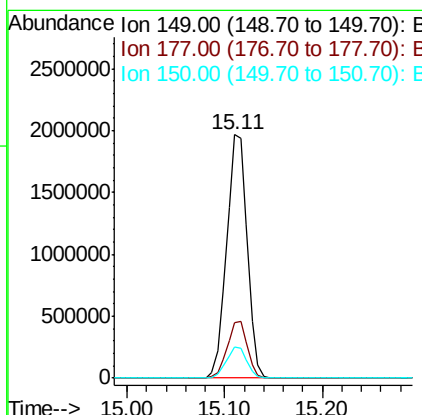
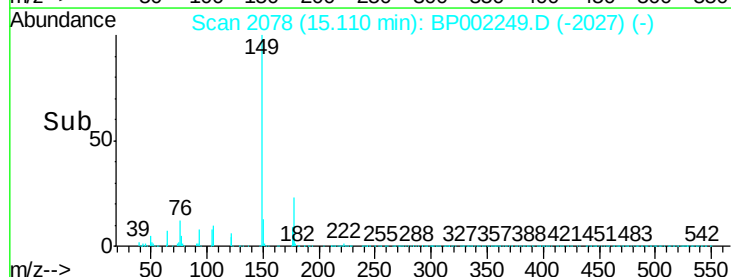
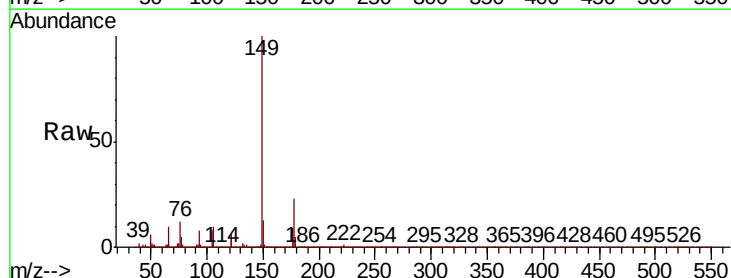
Manual Integrations
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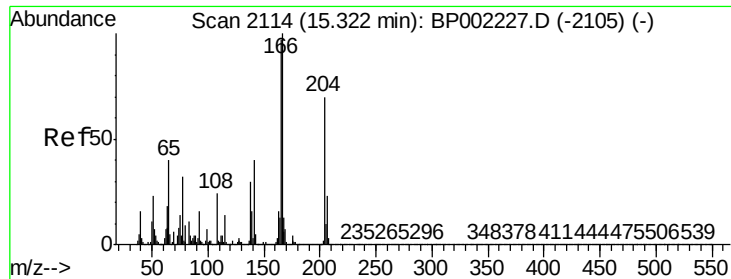
mohammad
 5/6/2020 6:44:46 PM



#60
 Diethylphthalate
 Concen: 34.705 ng
 RT: 15.11 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: BP002249.D
 Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.7	9.8	14.8





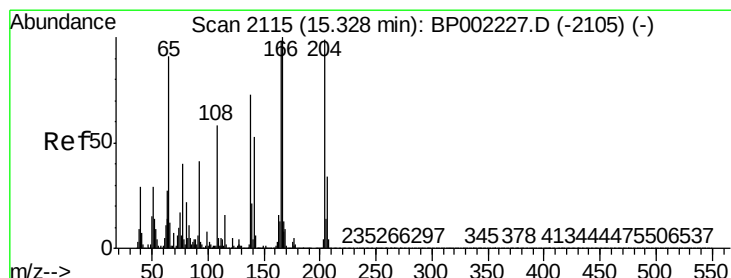
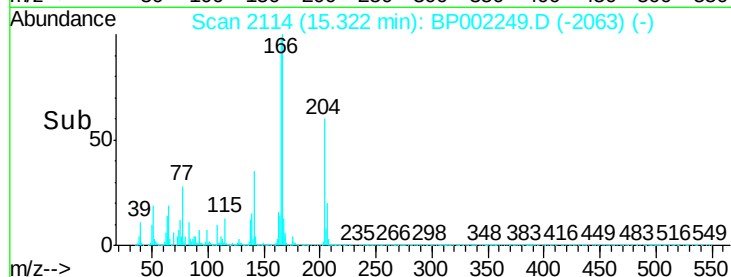
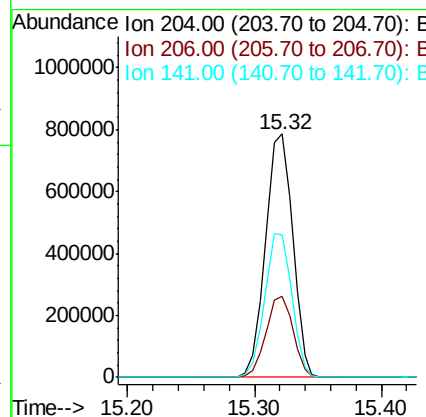
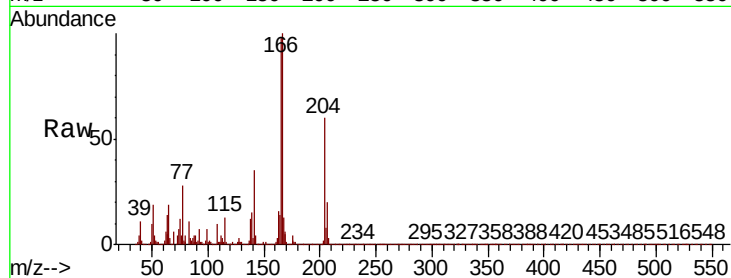
#61
4-Chlorophenyl-phenylether
Concen: 31.395 ng
RT: 15.32 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion: 204 Resp: 1183377
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.4
141 58.7 46.2 69.2

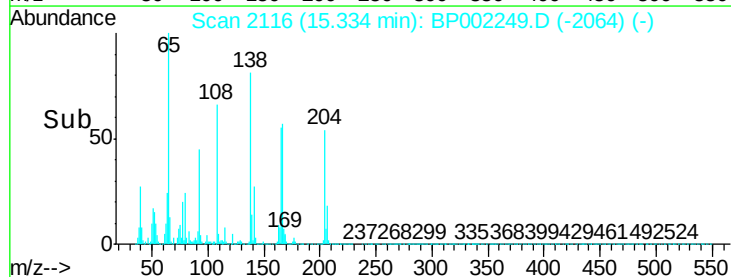
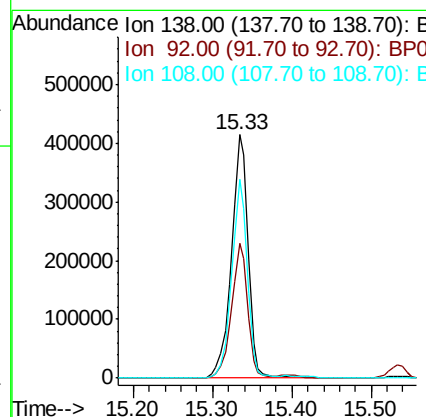
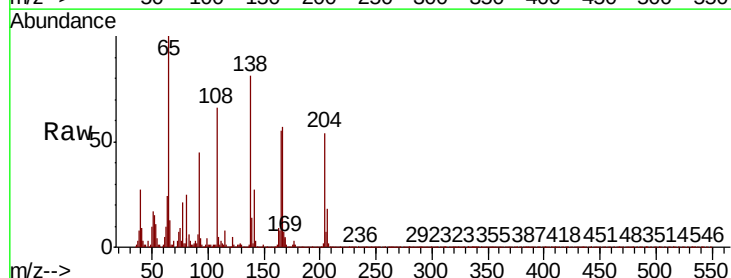
Manual Integrations
APPROVED

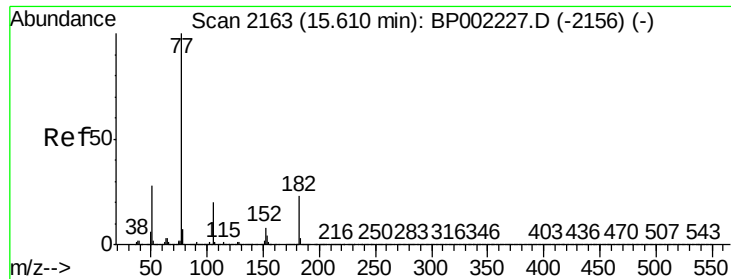
mohammad
5/6/2020 6:44:46 PM



#62
4-Nitroaniline
Concen: 31.927 ng
RT: 15.33 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion: 138 Resp: 606319
Ion Ratio Lower Upper
138 100
92 55.5 35.3 75.3
108 81.6 59.2 99.2





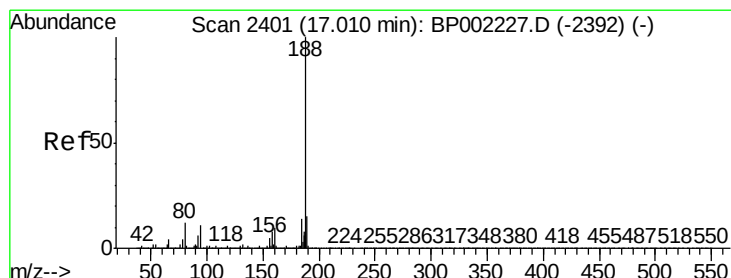
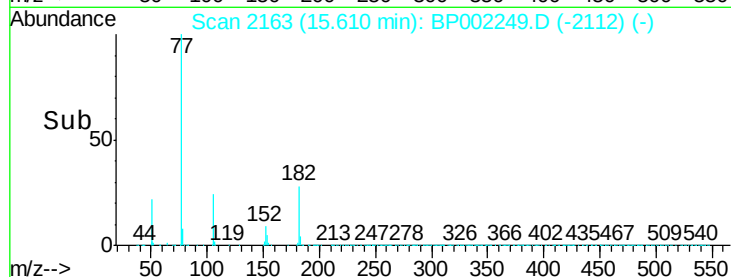
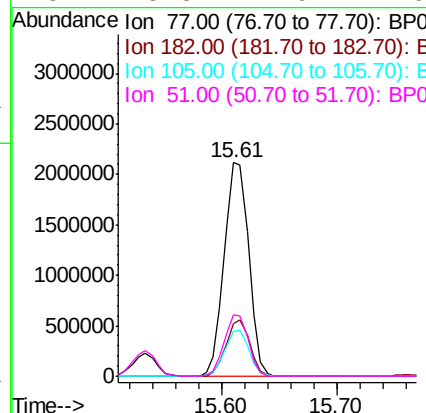
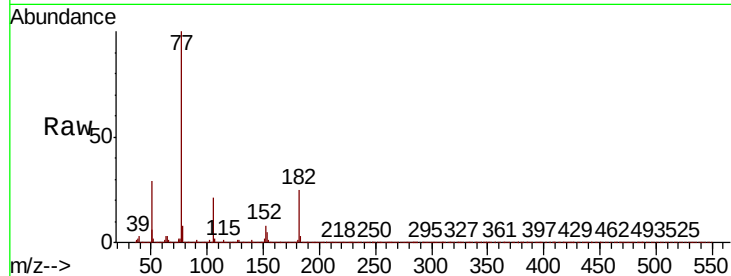
#63
Azobenzene
Concen: 36.147 ng
RT: 15.61 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	24.5	2.7	42.7
105	105	21.0	0.5	40.5
51	51	28.8	7.9	47.9

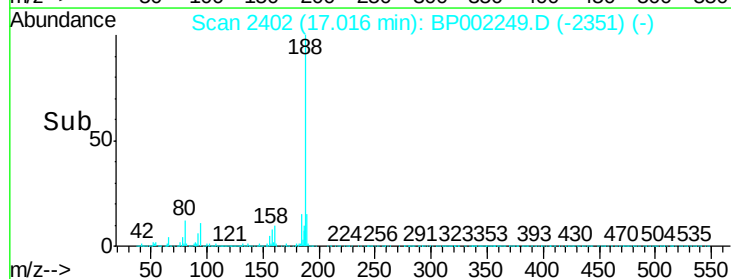
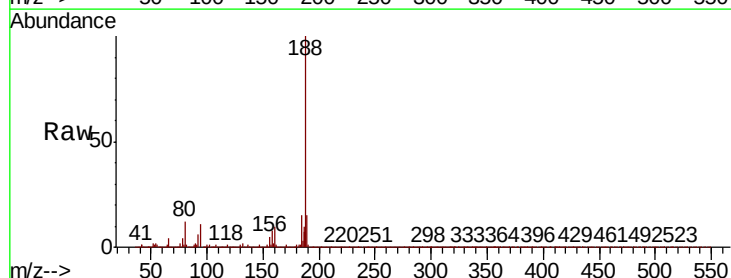
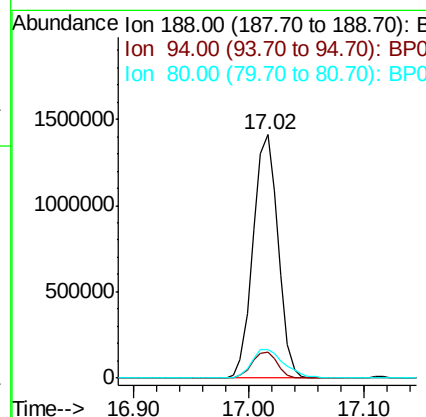
Manual Integrations
APPROVED

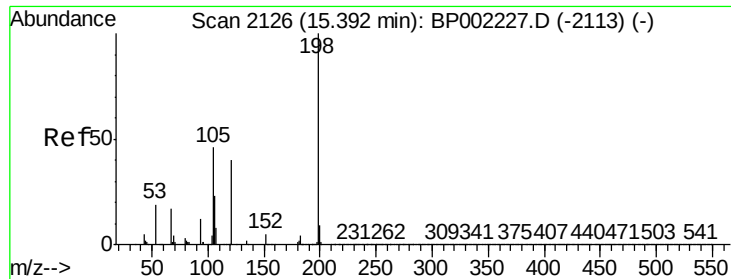
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	10.7	9.0	13.4
80	80	11.9	9.8	14.6





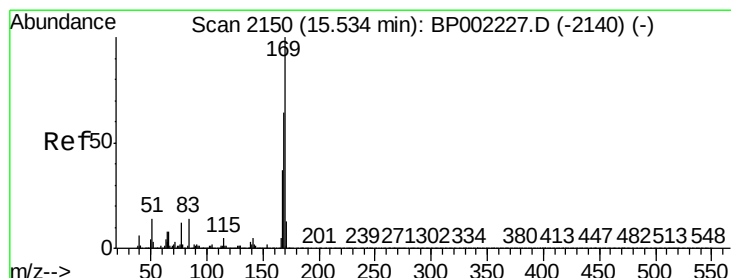
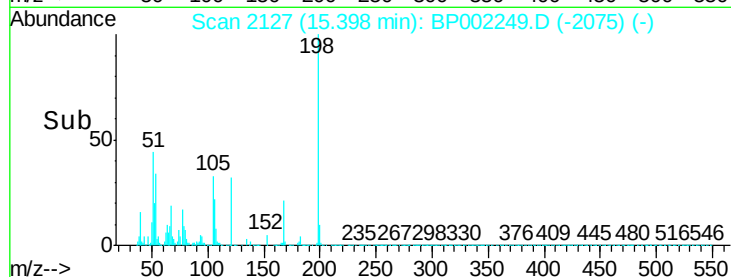
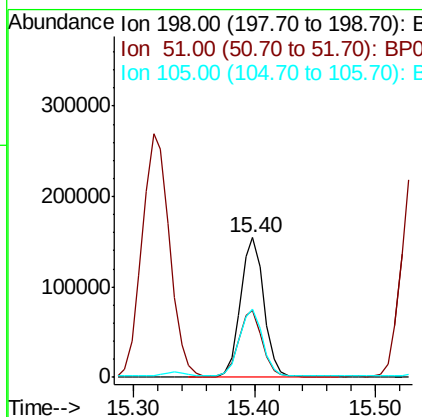
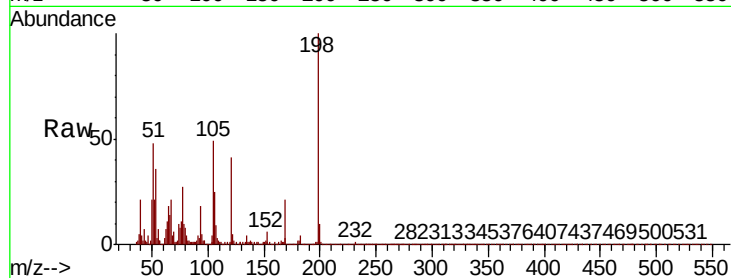
#65
4,6-Dinitro-2-methylphenol
Concen: 23.976 ng
RT: 15.40 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	210085		
51	48.2	26.7	66.7	
105	49.2	27.5	67.5	

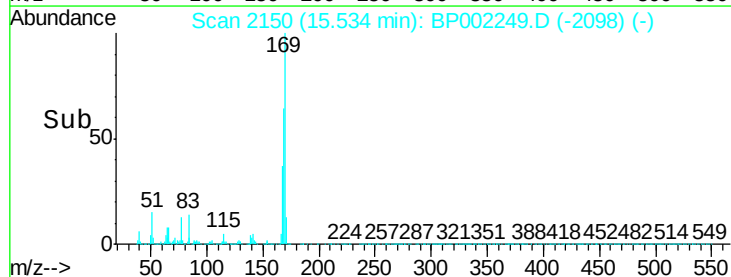
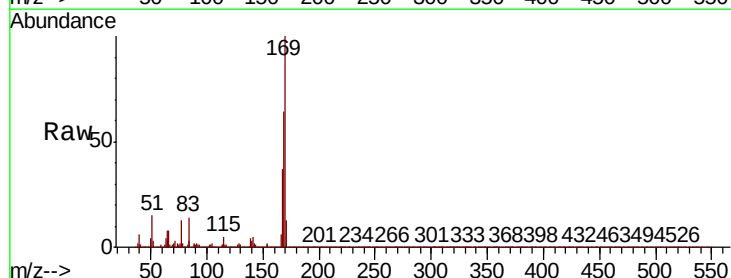
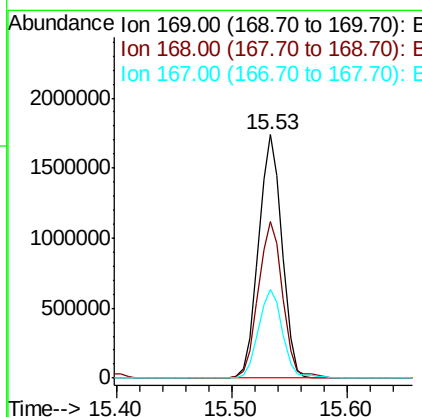
Manual Integrations
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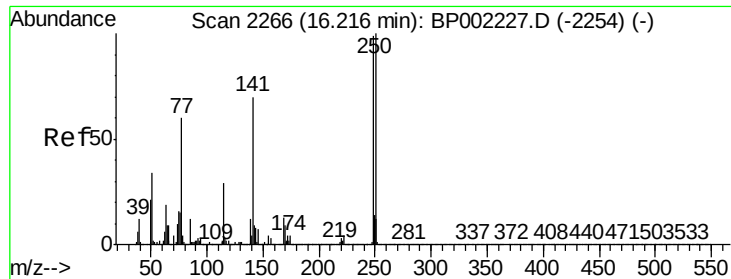
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#66
n-Nitrosodiphenylamine
Concen: 39.766 ng
RT: 15.53 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2468047		
168	64.2	51.2	76.8	
167	36.6	29.6	44.4	





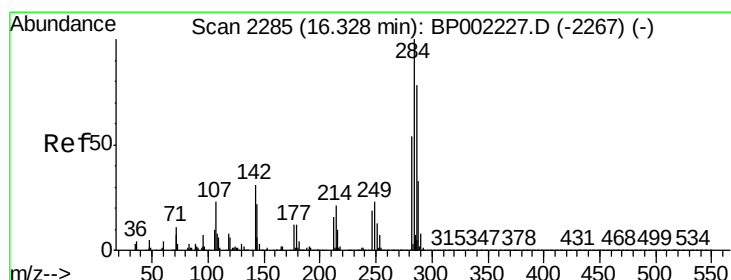
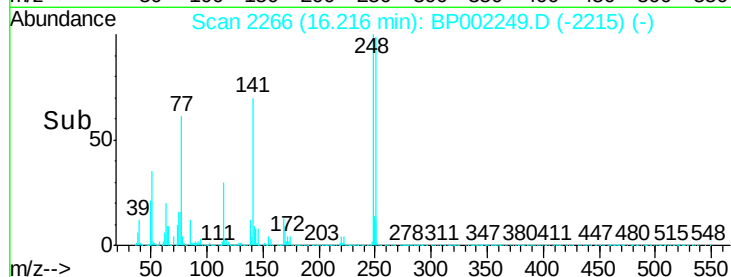
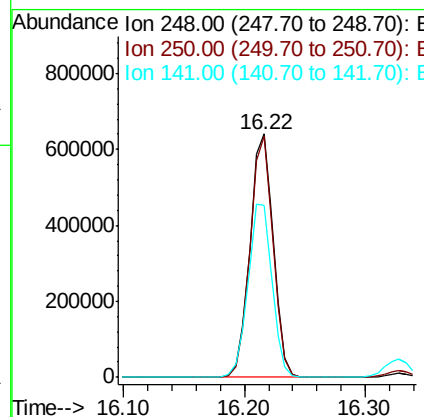
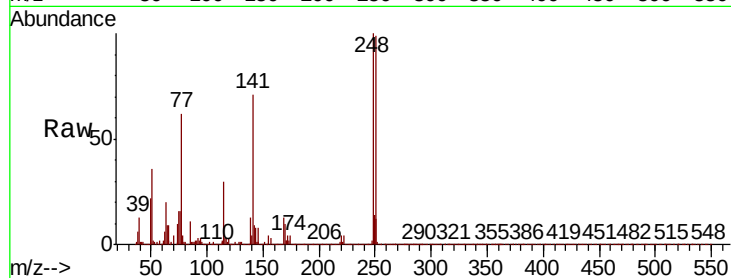
#67
4-Bromophenyl-phenylether
Concen: 38.221 ng
RT: 16.22 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.3	80.6	120.8	
141	70.7	56.0	84.0	

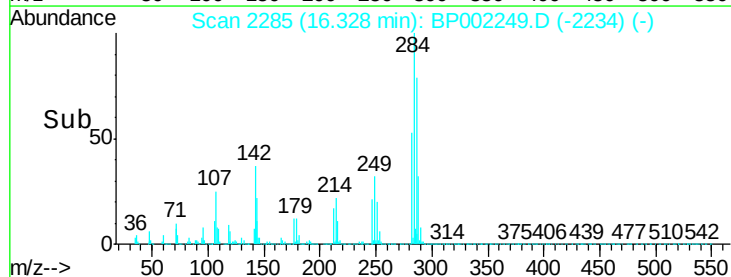
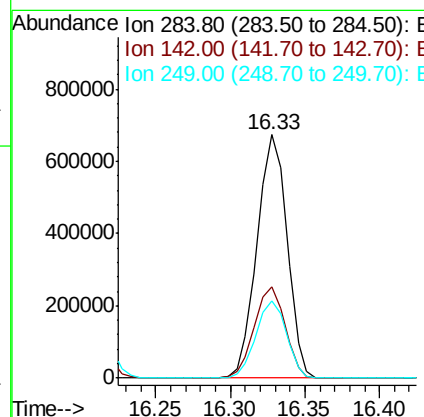
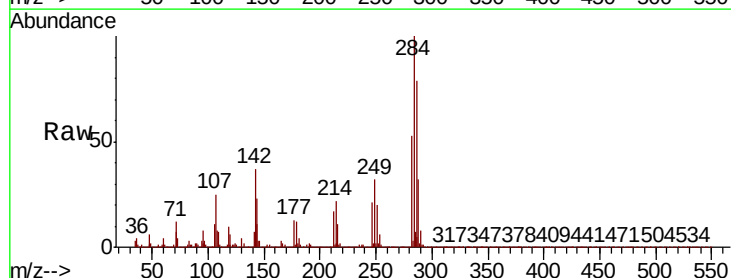
Manual Integrations
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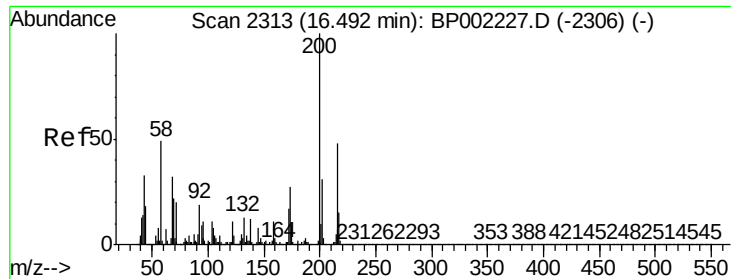
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#68
Hexachlorobenzene
Concen: 39.115 ng
RT: 16.33 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.3	29.3	43.9	
249	31.8	25.7	38.5	





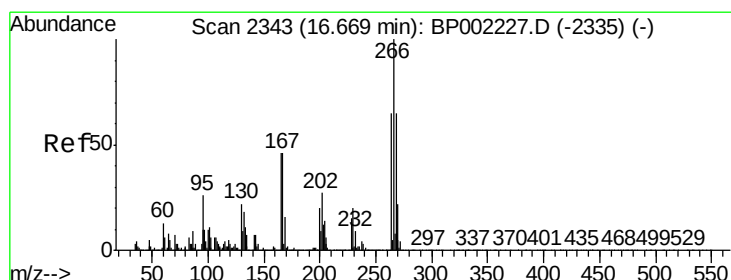
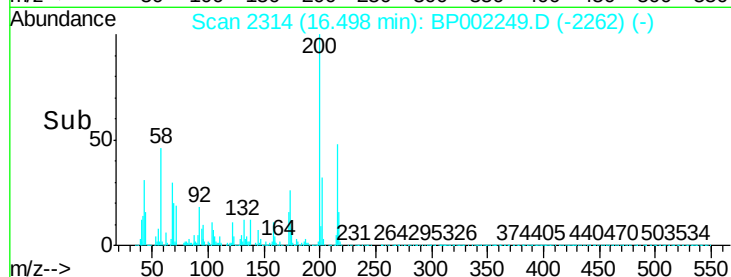
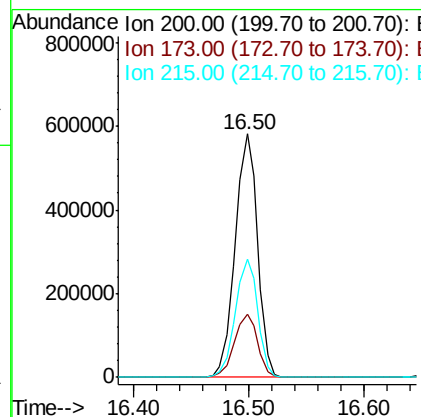
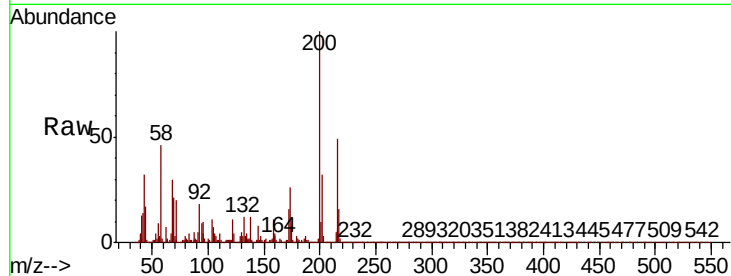
#69
Atrazine
Concen: 41.336 ng
RT: 16.50 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.9	6.6	46.6	
215	48.5	27.7	67.7	

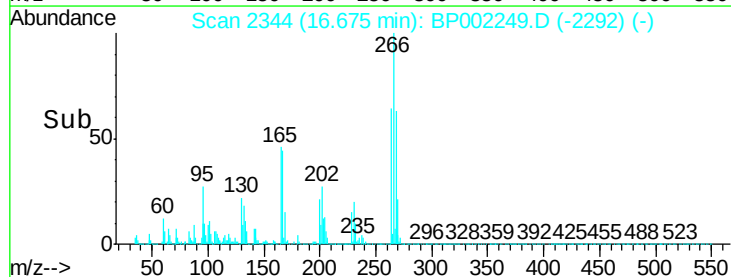
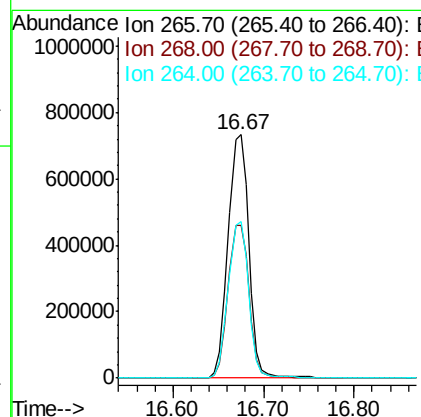
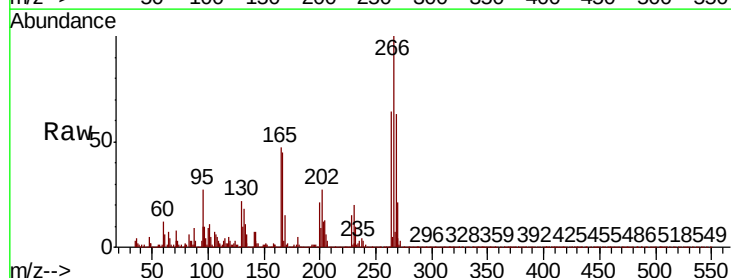
Manual Integrations
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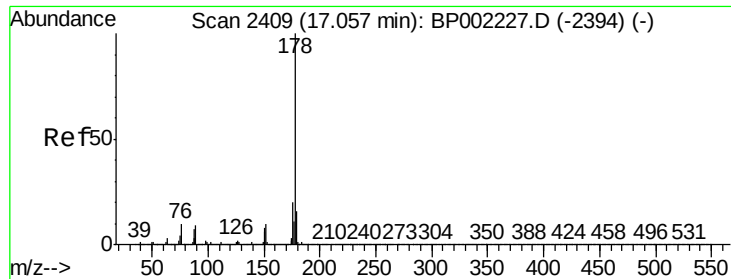
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#70
Pentachlorophenol
Concen: 81.396 ng
RT: 16.67 min Scan# 2344
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.0	51.7	77.5	
264	64.4	52.4	78.6	





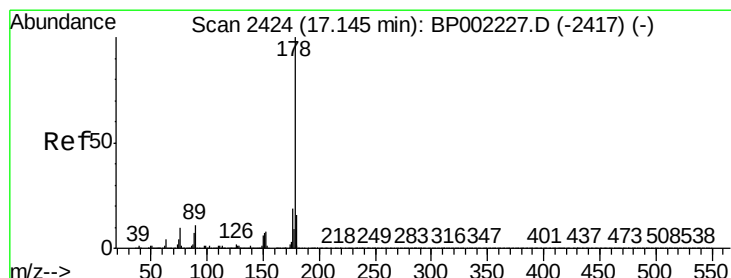
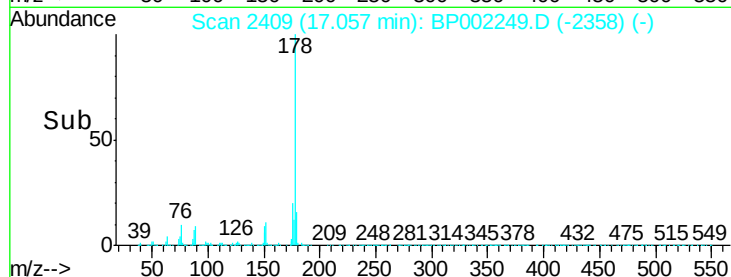
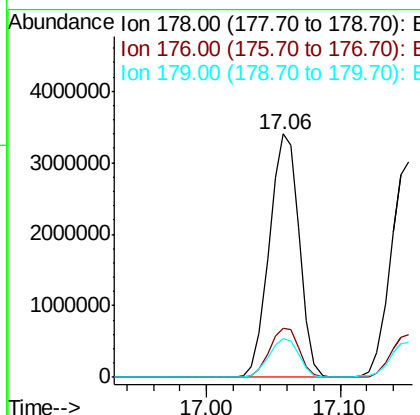
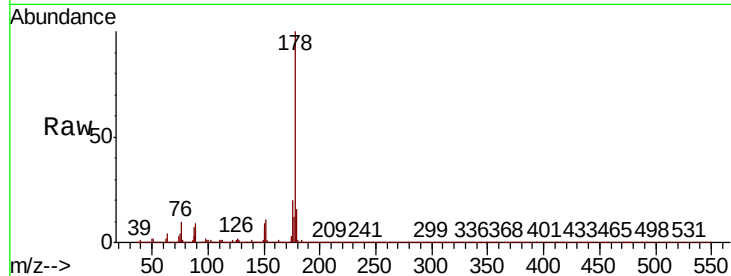
#71
Phenanthrene
Concen: 44.365 ng
RT: 17.06 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.9	12.6	18.8

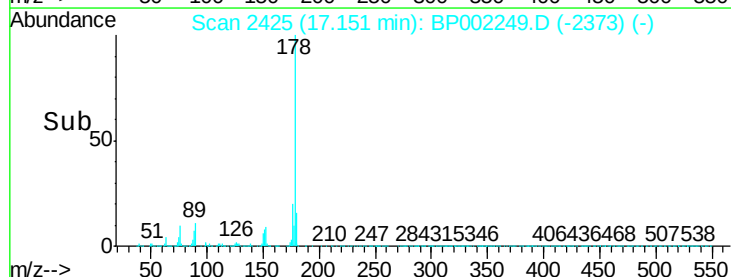
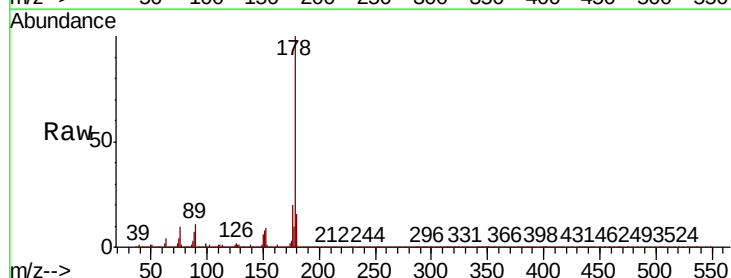
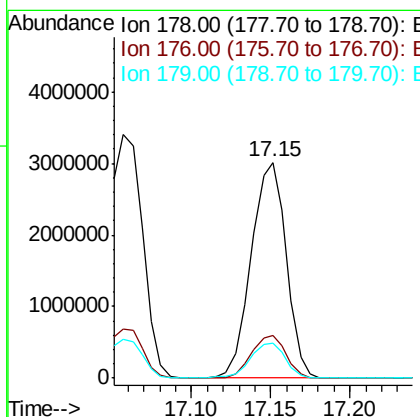
Manual Integrations
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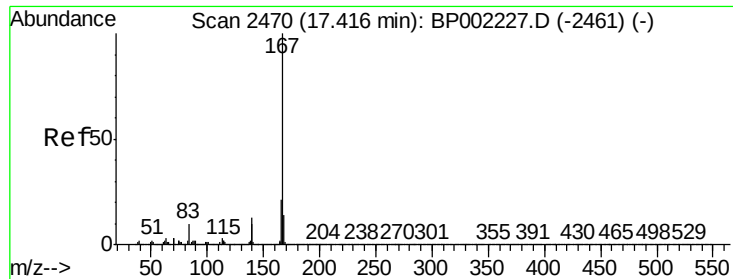
mohammad
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#72
Anthracene
Concen: 39.200 ng
RT: 17.15 min Scan# 2425
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.2	12.6	18.8





#73

Carbazole

Concen: 37.840 ng

RT: 17.42 min Scan# 2471

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:167 Resp: 4298784

Ion Ratio Lower Upper

167 100

166 22.1 16.5 24.7

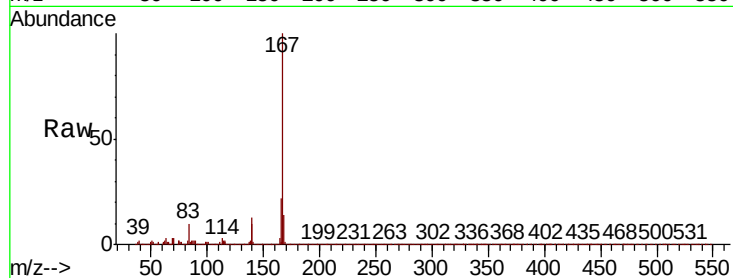
139 13.3 10.1 15.1

Manual Integrations

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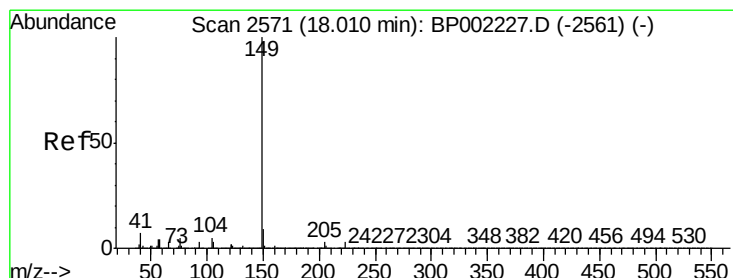
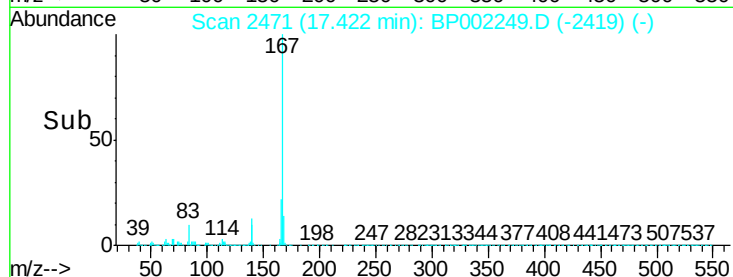
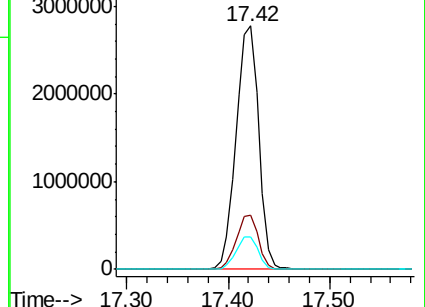
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.646 ng

RT: 18.00 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

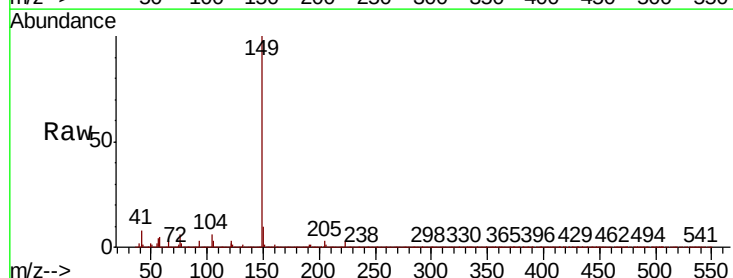
Tgt Ion:149 Resp: 4953035

Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.0

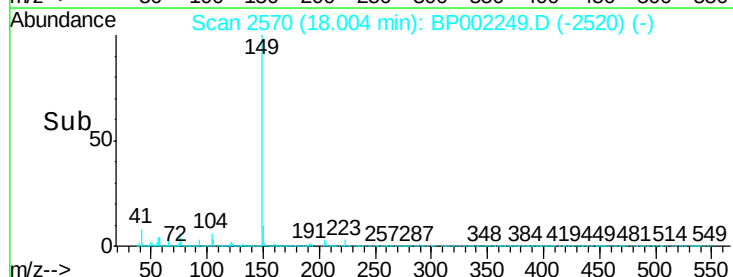
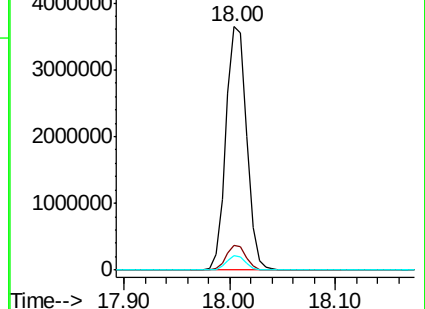
104 5.8 4.2 6.2

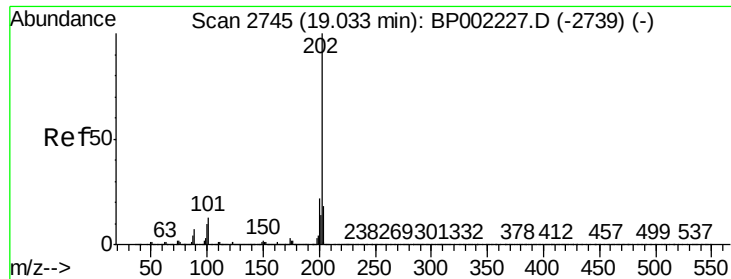


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.146 ng

RT: 19.04 min Scan# 2746

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

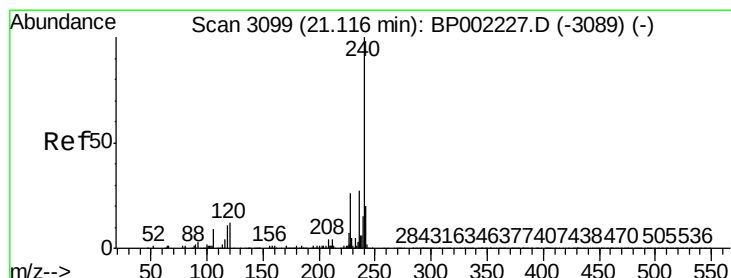
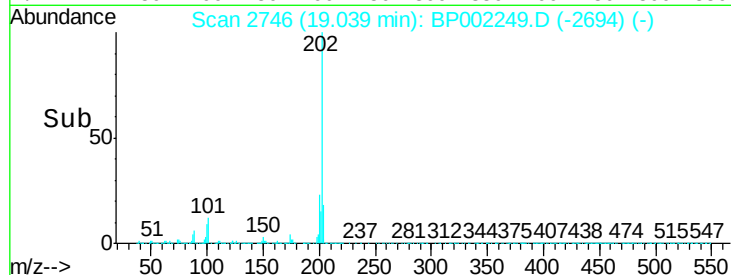
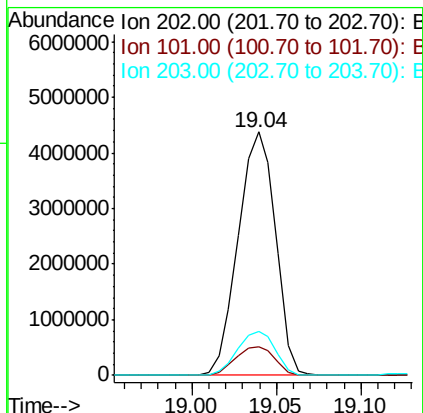
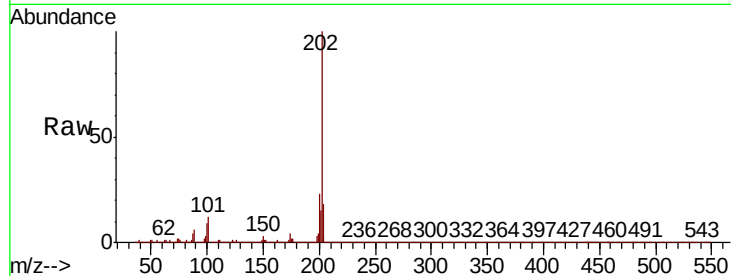
ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:	202	Resp:	6728199
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.3
203	17.9	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

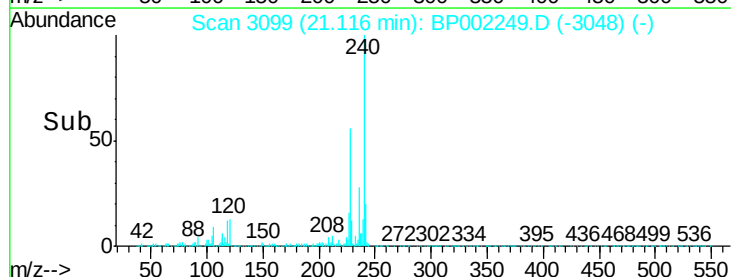
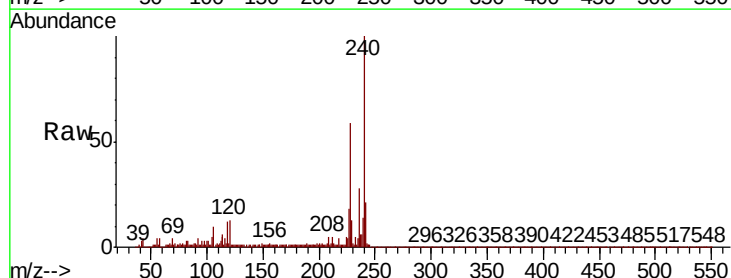
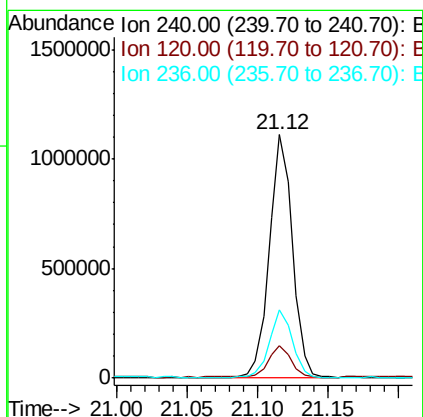
RT: 21.12 min Scan# 3099

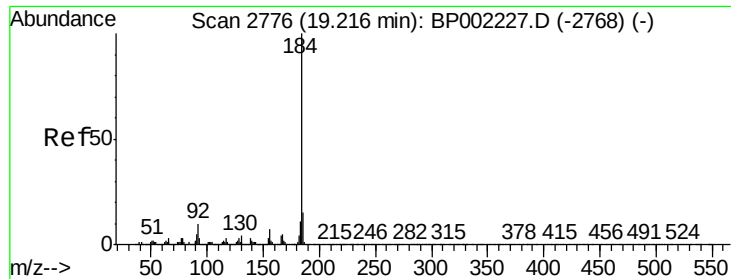
Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:	240	Resp:	1279035
Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.4	14.0
236	28.3	21.8	32.6





#77

Benzidine

Concen: 52.309 ng

RT: 19.22 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:184 Resp: 1872123

Ion Ratio Lower Upper

184 100

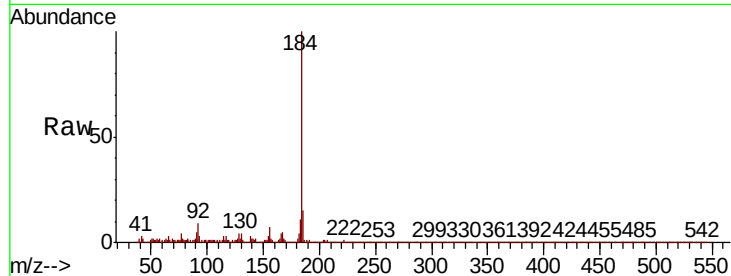
185 14.6 11.9 17.9

183 11.0 9.1 13.7

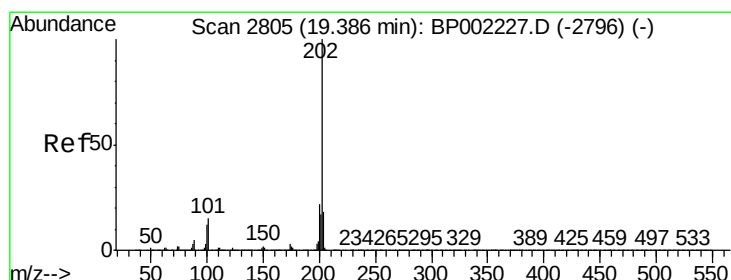
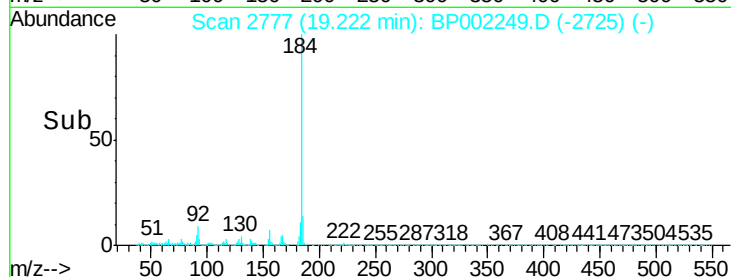
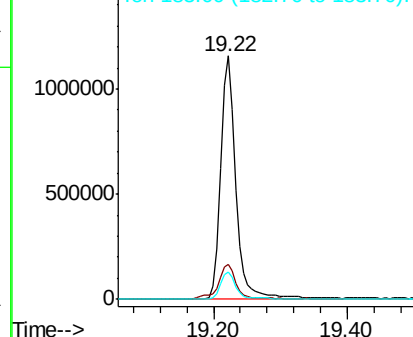
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 72.104 ng

RT: 19.39 min Scan# 2806

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

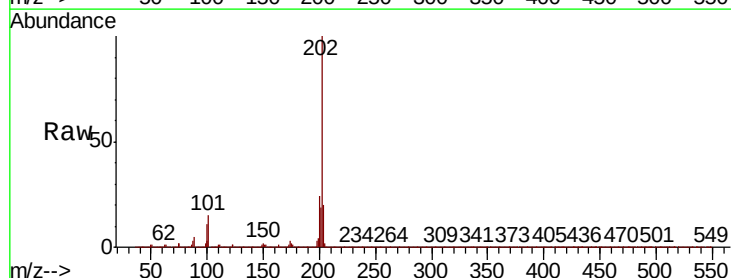
Tgt Ion:202 Resp: 6264697

Ion Ratio Lower Upper

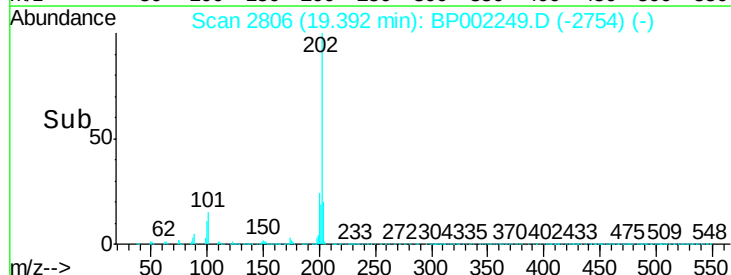
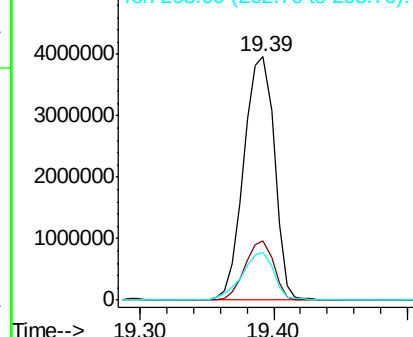
202 100

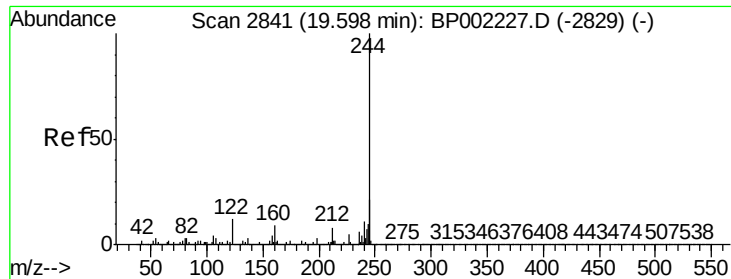
200 24.2 17.3 25.9

203 19.6 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.029 ng

RT: 19.60 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:244 Resp: 5429516

Ion Ratio Lower Upper

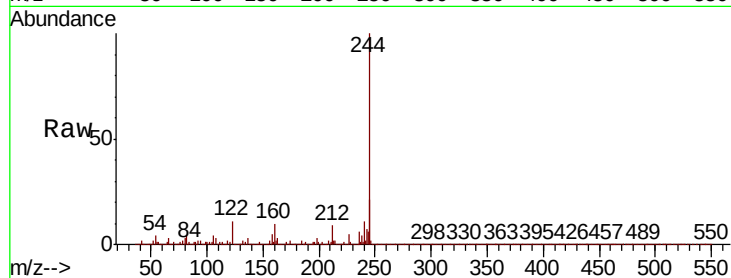
244 100

212 9.0 6.6 9.8

122 11.3 9.5 14.3

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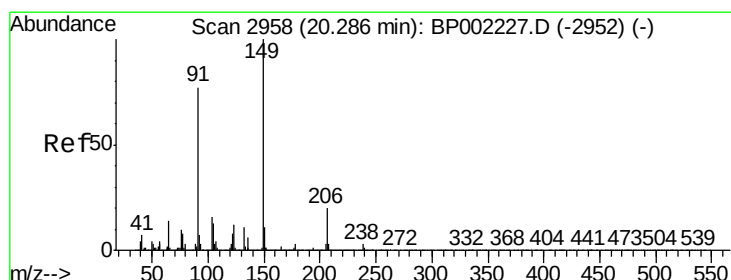
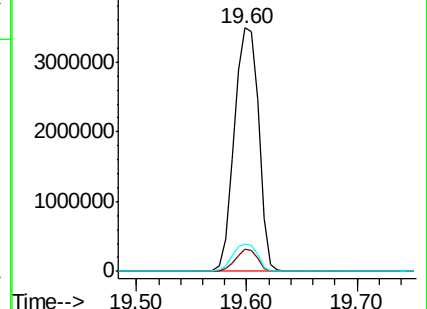
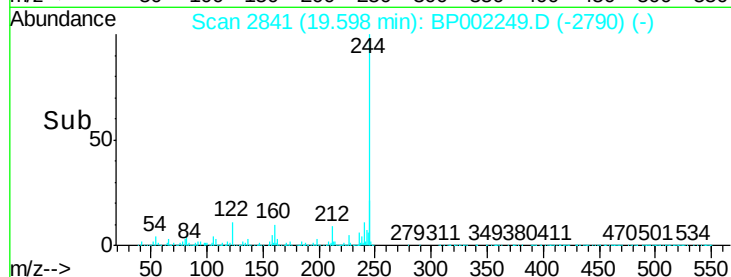
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 67.459 ng

RT: 20.29 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

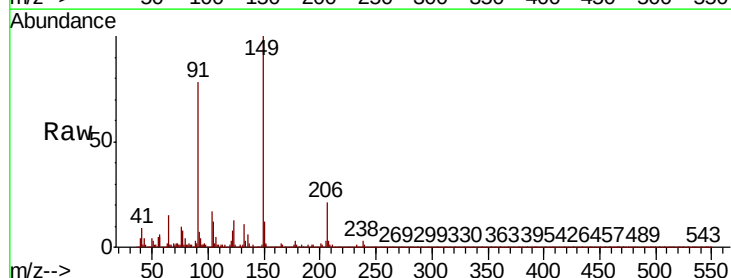
Tgt Ion:149 Resp: 1900295

Ion Ratio Lower Upper

149 100

91 78.1 61.8 92.8

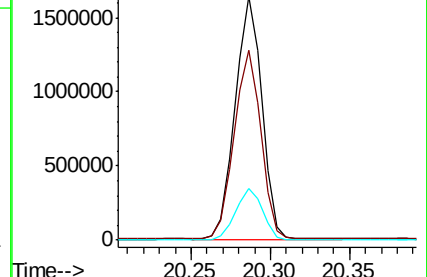
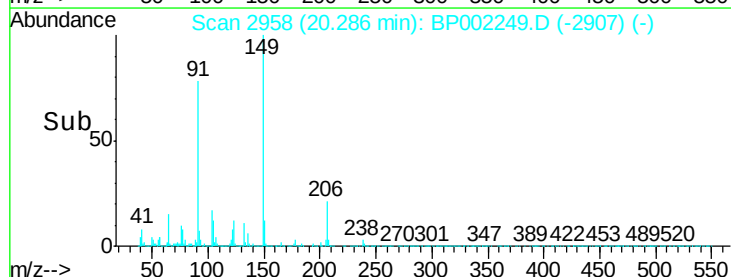
206 21.2 16.0 24.0

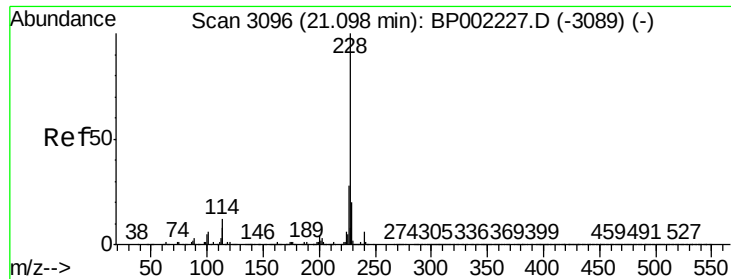


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





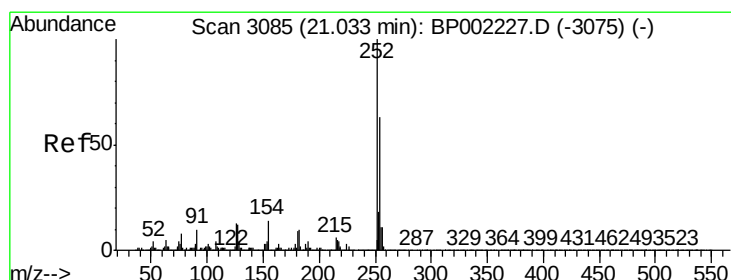
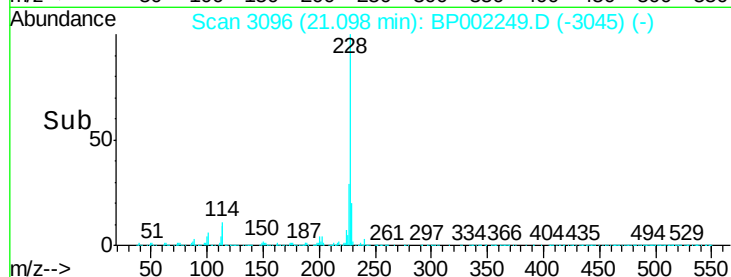
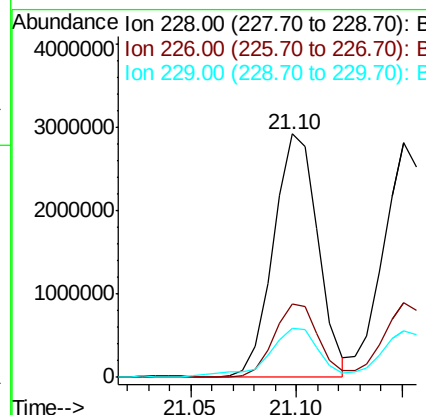
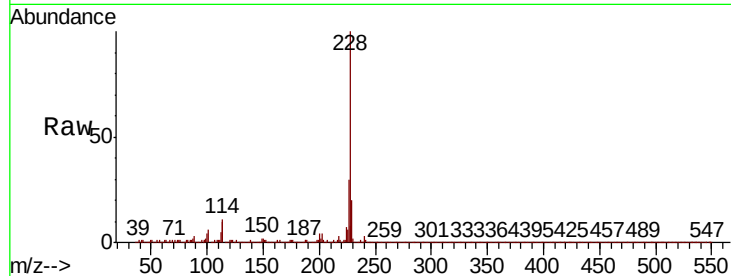
#81
Benzo(a)anthracene
Concen: 51.420 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.1	33.1
229	20.2	15.8	23.8

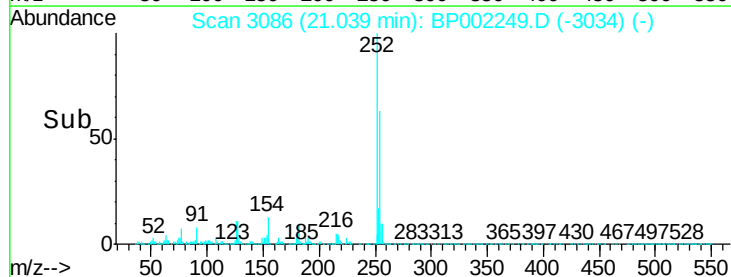
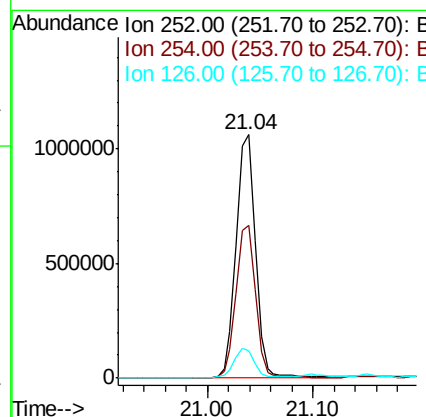
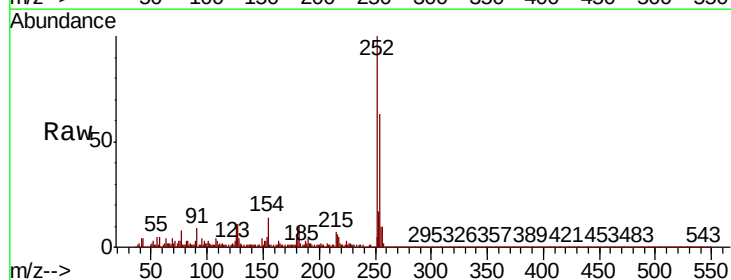
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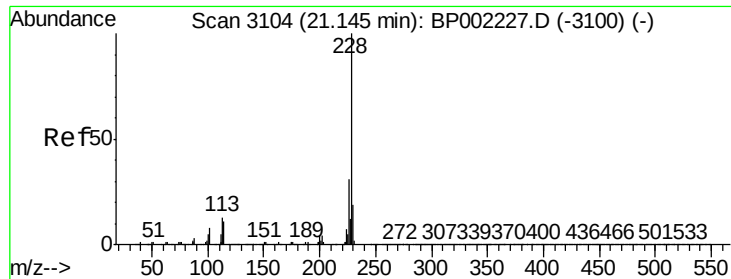
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#82
3,3'-Dichlorobenzidine
Concen: 43.340 ng
RT: 21.04 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.2	75.4
126	11.5	10.0	15.0





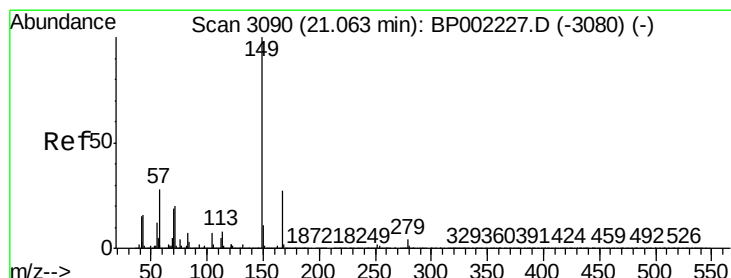
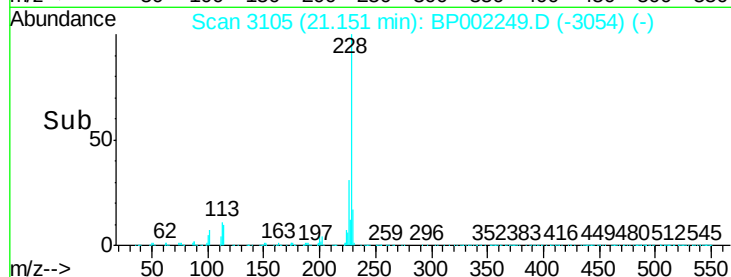
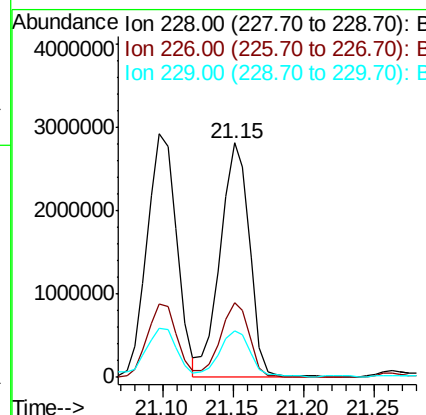
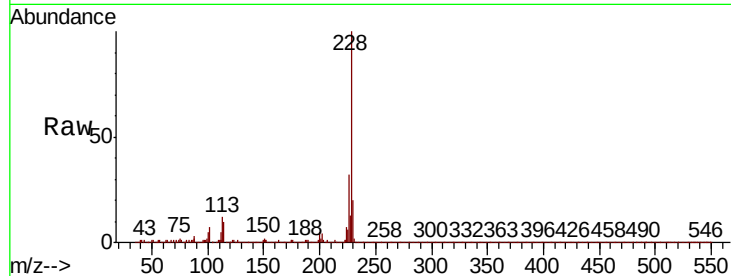
#83
Chrysene
Concen: 49.432 ng
RT: 21.15 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	20.1	15.1	22.7

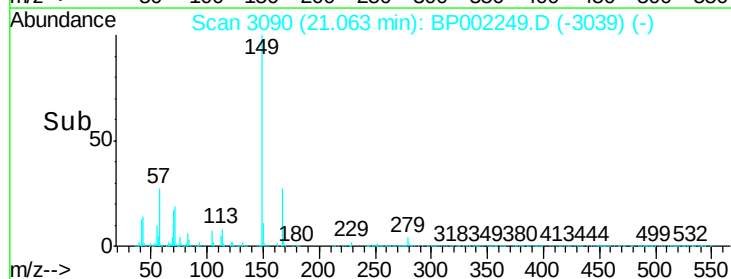
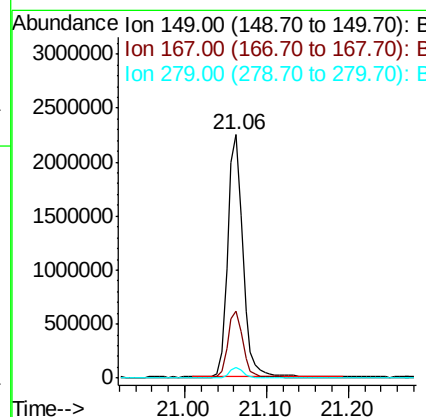
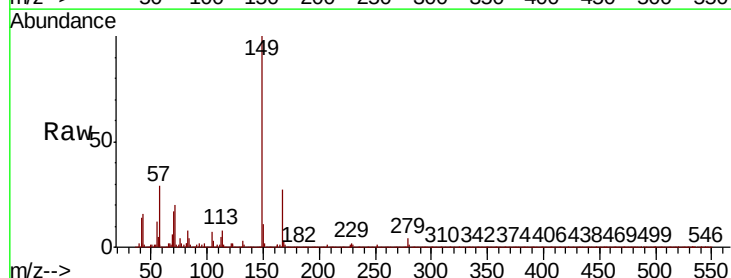
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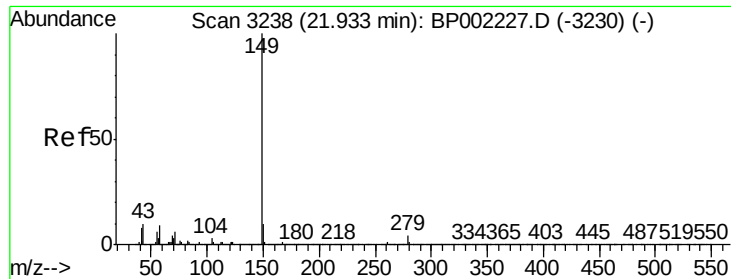
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#84
Bis(2-ethylhexyl)phthalate
Concen: 59.364 ng
RT: 21.06 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.4	32.0
279	4.4	2.8	4.2#





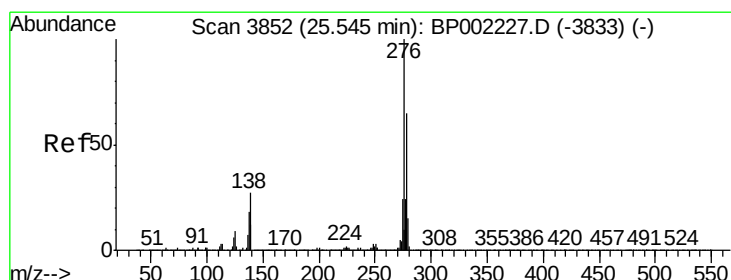
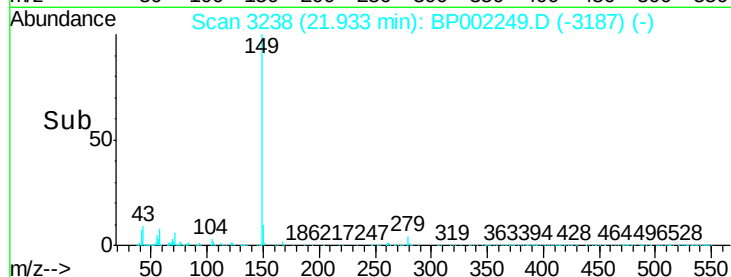
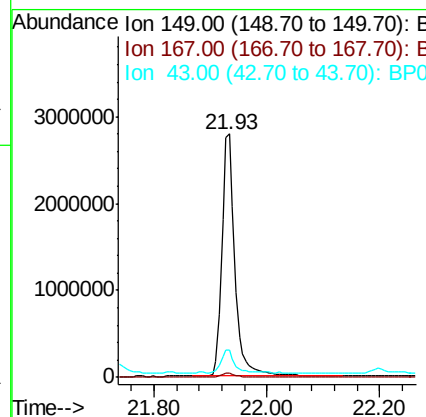
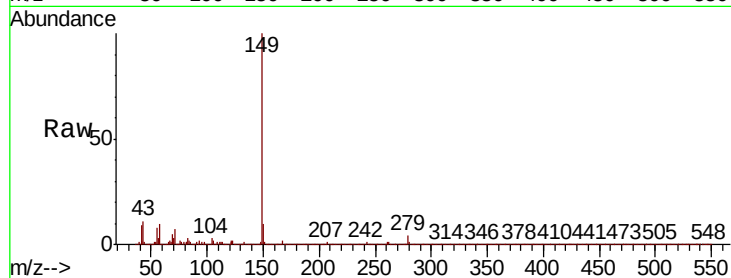
#85
Di-n-octyl phthalate
Concen: 50.105 ng
RT: 21.93 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	8.6	13.0

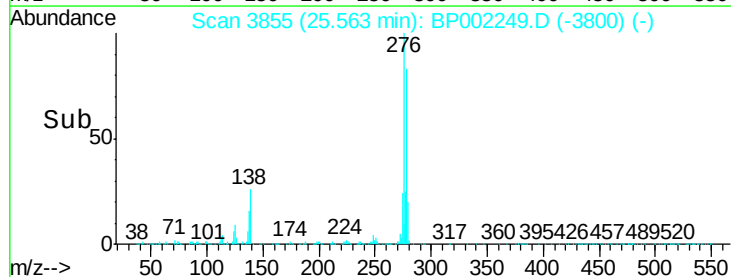
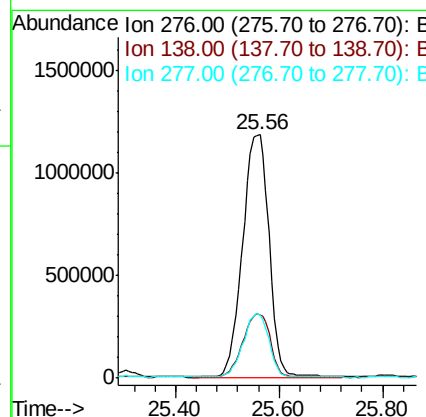
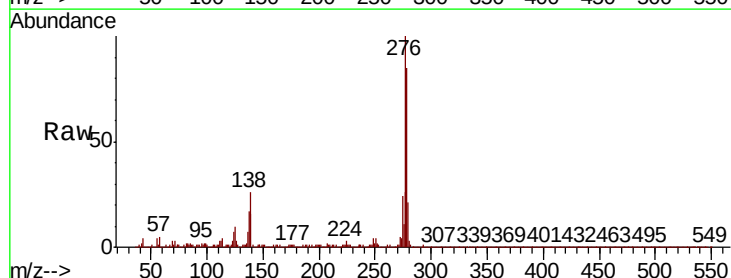
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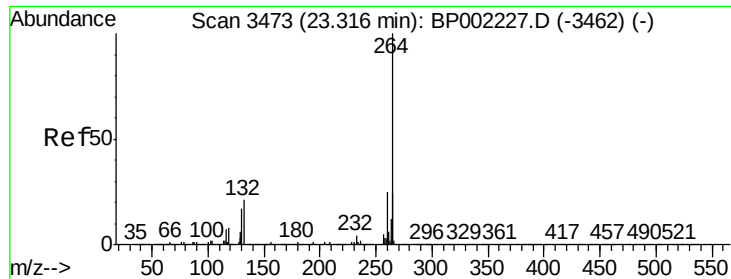
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.966 ng
RT: 25.56 min Scan# 3855
Delta R.T. 0.02 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	23.4	35.0
277	25.3	20.3	30.5





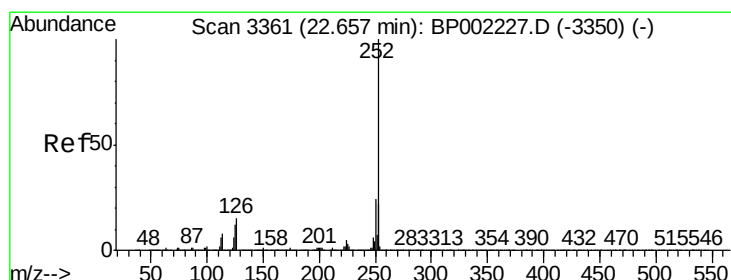
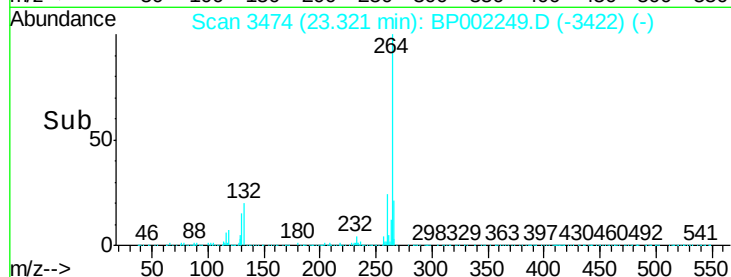
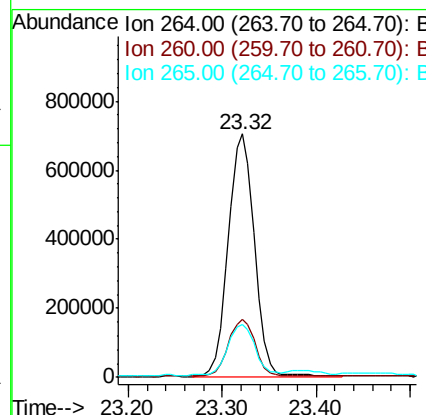
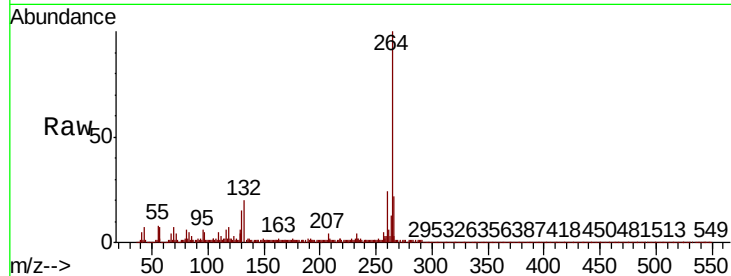
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.4	30.6
265	21.8	19.0	28.4

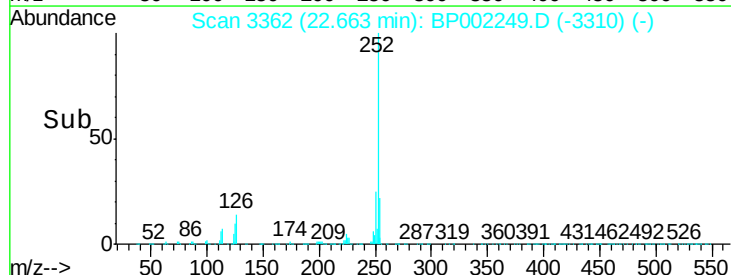
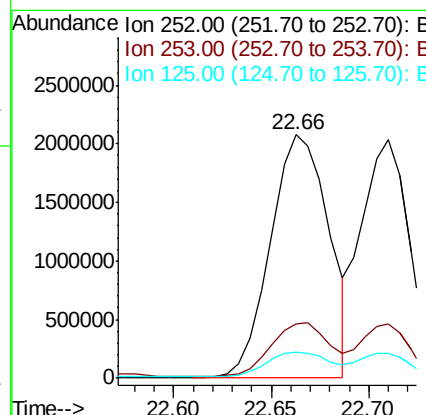
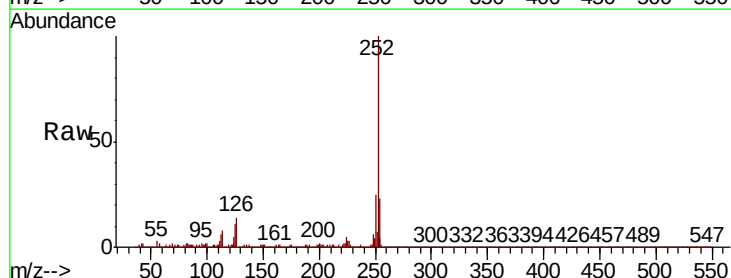
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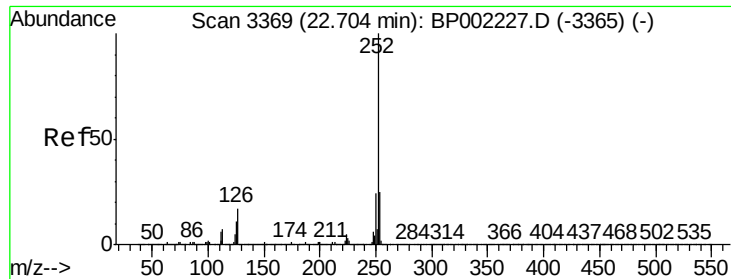
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#88
Benzo(b)fluoranthene
Concen: 52.419 ng
RT: 22.66 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.9	9.4	14.0





#89

Benzo(k)fluoranthene

Concen: 41.867 ng

RT: 22.71 min Scan# 3370

Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Instrument :

BNA_P

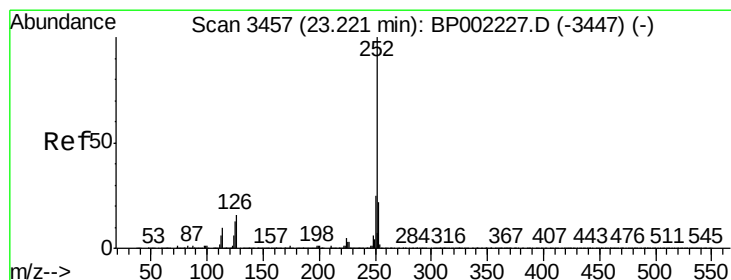
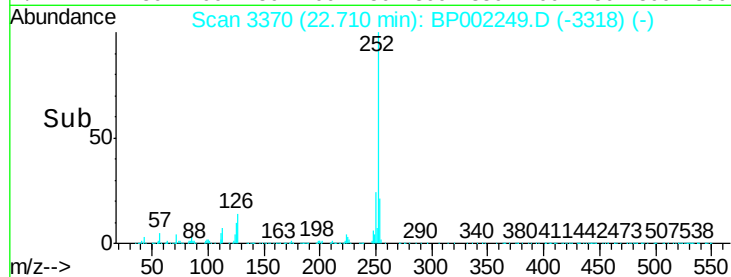
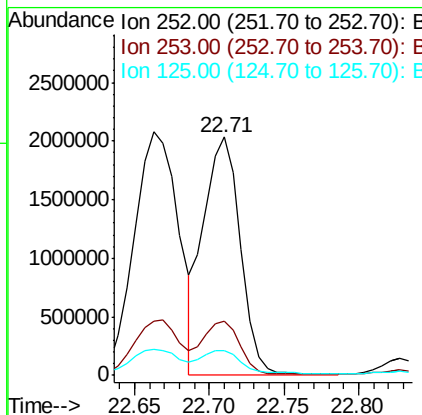
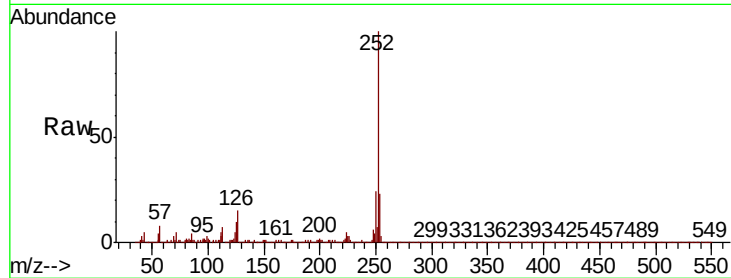
ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:	252	Resp:	3496550
Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.4	29.0
125	10.4	9.1	13.7

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 47.549 ng

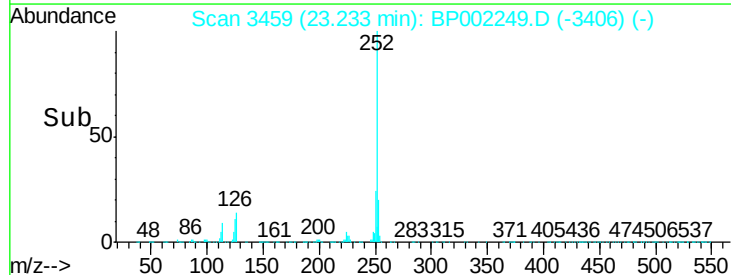
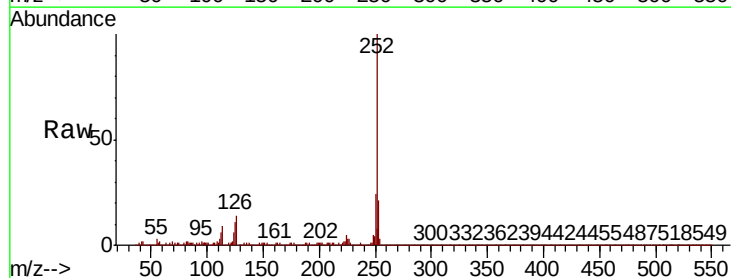
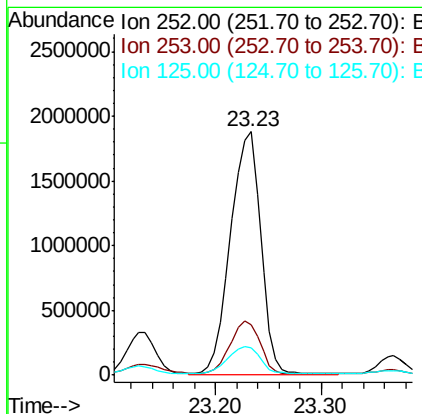
RT: 23.23 min Scan# 3459

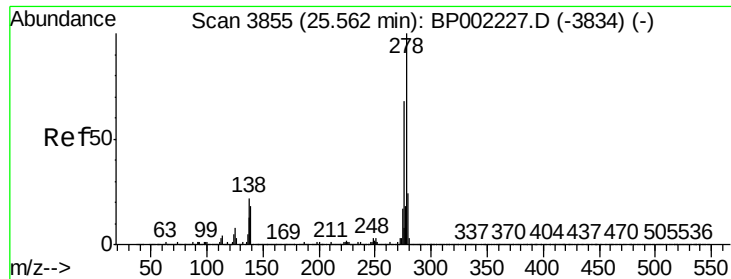
Delta R.T. 0.01 min

Lab File: BP002249.D

Acq: 05 May 2020 22:09

Tgt Ion:	252	Resp:	3732323
Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.5	26.3
125	11.3	10.2	15.2





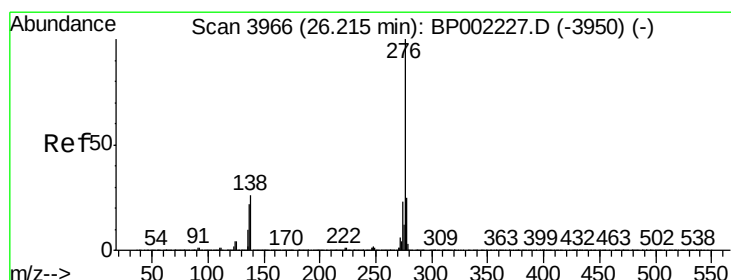
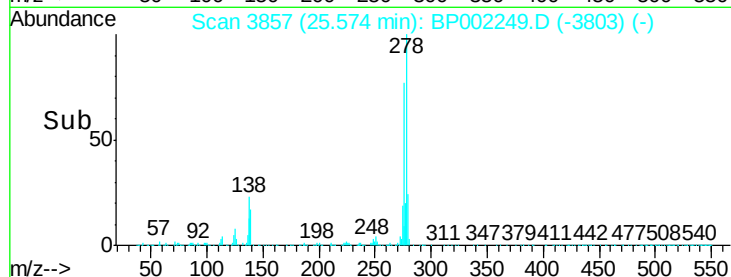
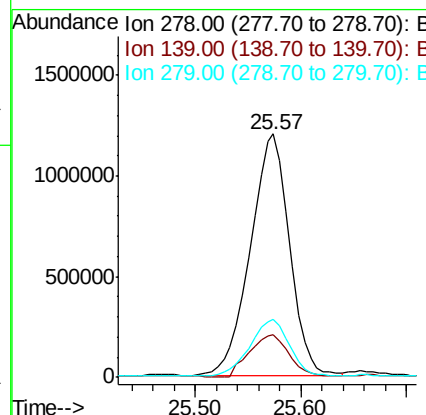
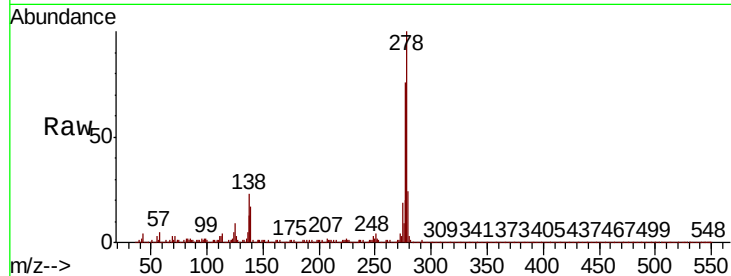
#91
Dibenzo(a,h)anthracene
Concen: 38.708 ng
RT: 25.57 min Scan# 3857
Delta R.T. 0.02 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.3	21.5
279	23.8	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 45.639 ng
RT: 26.24 min Scan# 3970
Delta R.T. 0.02 min
Lab File: BP002249.D
Acq: 05 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.9	29.9
138	23.8	21.0	31.4

