

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003477.D
 Acq On : 09 Nov 2018 18:11
 Operator : MJ/SJ
 Sample : J5860-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MS

Manual Integrations
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 11/12/2018 5:07:48 PM

Quant Time: Nov 12 03:49:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	104285	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	448200	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	251640	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	513544	20.00	ng	0.00
76) Chrysene-d12	21.41	240	431252	20.00	ng	0.00
87) Perylene-d12	23.72	264	430231	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	691303	115.46	ng	0.00
7) Phenol-d6	7.01	99	917619	107.78	ng	0.00
23) Nitrobenzene-d5	9.02	82	522909	66.91	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	401633	118.53	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1382351	74.51	ng	0.00
79) Terphenyl-d14	19.85	244	1637680	81.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	64227	22.593	ng	92
3) Pyridine	3.73	79	187170	28.812	ng	92
4) n-Nitrosodimethylamine	3.65	42	74389	31.102	ng	91
6) Aniline	7.18	93	263346	24.771	ng	97
8) 2-Chlorophenol	7.41	128	259930	35.247	ng	95
9) Benzaldehyde	7.00	77	126035	25.490	ng	96
10) Phenol	7.03	94	373417	41.563	ng	95
11) bis(2-Chloroethyl)ether	7.28	93	222155	30.273	ng	93
12) 1,3-Dichlorobenzene	7.73	146	262260	31.986	ng	97
13) 1,4-Dichlorobenzene	7.89	146	268693	31.826	ng	98
14) 1,2-Dichlorobenzene	8.20	146	260192	31.755	ng	98
15) Benzyl Alcohol	8.09	79	200782	32.726	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.38	45	288230	26.790	ng	97
17) 2-Methylphenol	8.28	107	213115	34.708	ng	98
18) Hexachloroethane	8.92	117	90915	30.739	ng	94
19) n-Nitroso-di-n-propylamine	8.66	70	169601	27.625	ng	95
20) 3+4-Methylphenols	8.61	107	286935	32.897	ng	97
22) Acetophenone	8.68	105	357742	32.929	ng	# 97
24) Nitrobenzene	9.06	77	249533	31.289	ng	93
25) Isophorone	9.58	82	473750	34.558	ng	96
26) 2-Nitrophenol	9.76	139	138113	32.903	ng	93
27) 2,4-Dimethylphenol	9.81	122	238396	40.393	ng	99
28) bis(2-Chloroethoxy)methane	10.06	93	309289	33.489	ng	98
29) 2,4-Dichlorophenol	10.29	162	251162	37.292	ng	99
30) 1,2,4-Trichlorobenzene	10.50	180	260705	34.050	ng	99
31) Naphthalene	10.70	128	787345	35.948	ng	99
32) Benzoic acid	9.88	122	29038m	10.157	ng	
33) 4-Chloroaniline	10.81	127	141785	14.650	ng	96
34) Hexachlorobutadiene	10.96	225	153849	33.672	ng	98
35) Caprolactam	11.59	113	74139m	28.113	ng	
36) 4-Chloro-3-methylphenol	11.92	107	250556	33.356	ng	93
37) 2-Methylnaphthalene	12.30	142	583637	37.288	ng	100
38) 1-Methylnaphthalene	12.53	142	553826	36.228	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	304274	36.551	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	378511	102.086	nq	100
43) 2,4,6-Trichlorophenol	12.91	196	200699	38.159	nq	99
44) 2,4,5-Trichlorophenol	12.98	196	218548	39.837	nq	98
46) 1,1'-Biphenyl	13.32	154	734803	33.270	nq	99
47) 2-Chloronaphthalene	13.36	162	566457	34.771	nq	99
48) 2-Nitroaniline	13.57	65	141314	29.522	nq	87
49) Acenaphthylene	14.21	152	912801	36.606	nq	99
50) Dimethylphthalate	13.95	163	873066	42.910	nq	100
51) 2,6-Dinitrotoluene	14.07	165	156146	33.812	nq	94
52) Acenaphthene	14.55	154	525396	34.775	nq	98
53) 3-Nitroaniline	14.40	138	109331	22.147	nq	94
54) 2,4-Dinitrophenol	14.60	184	96473	39.840	nq	# 89
55) Dibenzofuran	14.89	168	843031	34.297	nq	100
56) 4-Nitrophenol	14.70	139	346066	96.088	nq	94
57) 2,4-Dinitrotoluene	14.86	165	207344	33.114	nq	# 76
58) Fluorene	15.53	166	664131	35.014	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	192665	39.993	nq	97
60) Diethylphthalate	15.30	149	675882	32.735	nq	100
61) 4-Chlorophenyl-phenylether	15.53	204	348889	33.108	nq	98
62) 4-Nitroaniline	15.56	138	149731	31.046	nq	98
63) Azobenzene	15.82	77	579891	30.390	nq	94
65) 4,6-Dinitro-2-methylphenol	15.61	198	102264	28.539	nq	95
66) n-Nitrosodiphenylamine	15.75	169	580965	36.137	nq	100
67) 4-Bromophenyl-phenylether	16.42	248	222316	38.438	nq	94
68) Hexachlorobenzene	16.53	284	252816	38.370	nq	95
69) Atrazine	16.69	200	203051	35.639	nq	98
70) Pentachlorophenol	16.87	266	277646	83.141	nq	99
71) Phenanthrene	17.27	178	980639	36.322	nq	98
72) Anthracene	17.36	178	998648	37.069	nq	99
73) Carbazole	17.63	167	863677	30.957	nq	99
74) Di-n-butylphthalate	18.18	149	1085016	33.340	nq	100
75) Fluoranthene	19.28	202	1026466	32.271	nq	99
77) Benzidine	19.47	184	433110	34.306	nq	99
78) Pyrene	19.65	202	1016494	40.105	nq	99
80) Butylbenzylphthalate	20.54	149	422934	35.936	nq	93
81) Benzo(a)anthracene	21.39	228	897091	35.720	nq	98
82) 3,3'-Dichlorobenzidine	21.33	252	291678	28.065	nq	98
83) Chrysene	21.45	228	845215	35.010	nq	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	619409	35.489	nq	98
85) Di-n-octyl phthalate	22.20	149	950697	31.743	nq	98
86) Indeno(1,2,3-cd)pyrene	26.08	276	1057125	38.207	nq	99
88) Benzo(b)fluoranthene	23.02	252	917880	38.748	nq	98
89) Benzo(k)fluoranthene	23.07	252	851107	36.634	nq	98
90) Benzo(a)pyrene	23.62	252	856792	37.951	nq	98
91) Dibenzo(a,h)anthracene	26.09	278	887710	39.726	nq	99
92) Benzo(g,h,i)perylene	26.81	276	878613	40.956	nq	98

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

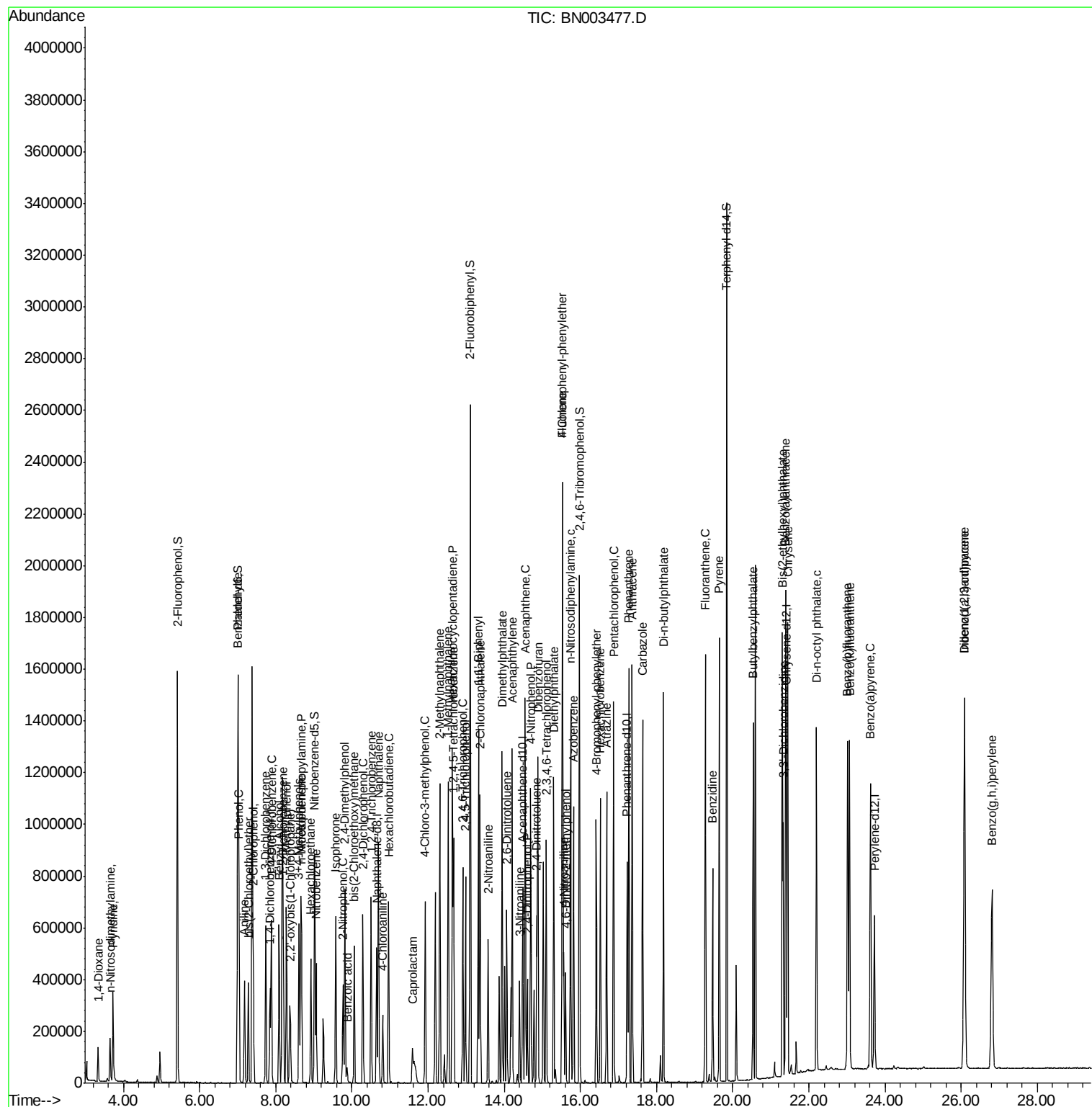
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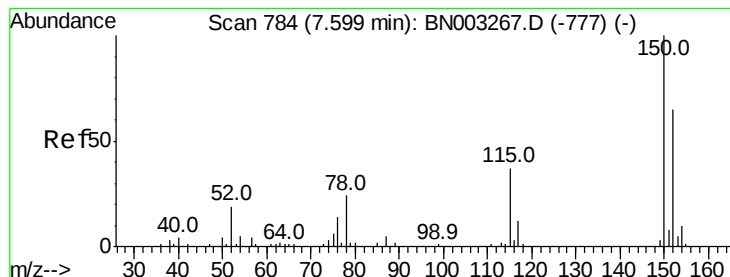
Instrument :
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EP2-SB-104(15-17)MS

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#1

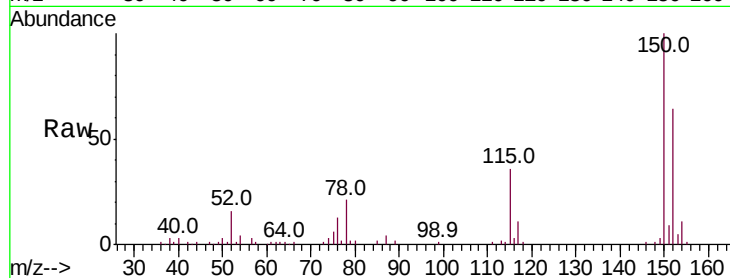
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

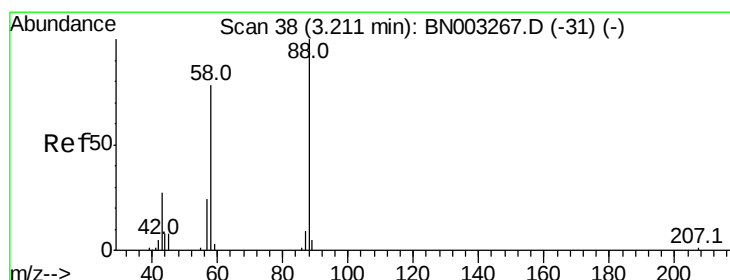
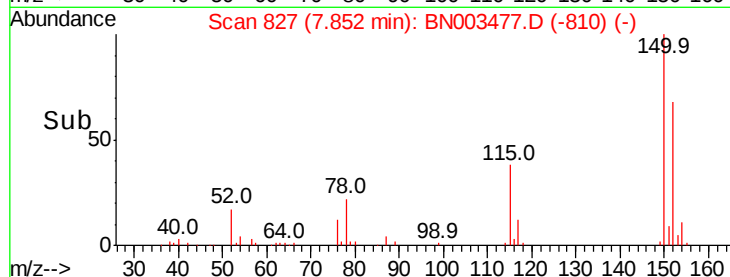
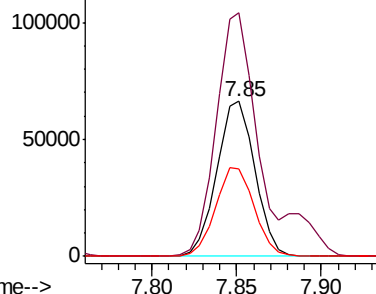
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.8	185.8
115	56.8	45.9	68.9

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

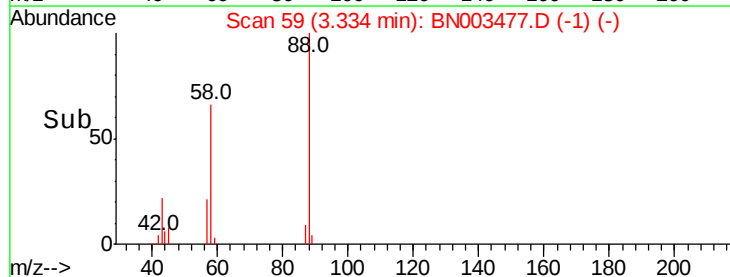
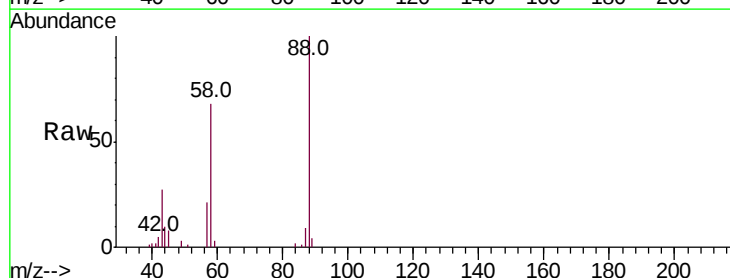
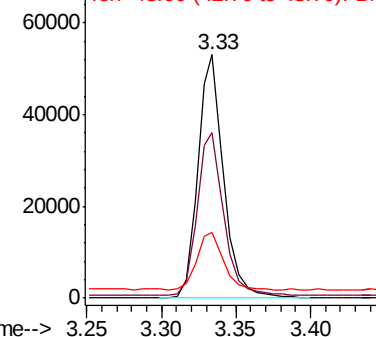


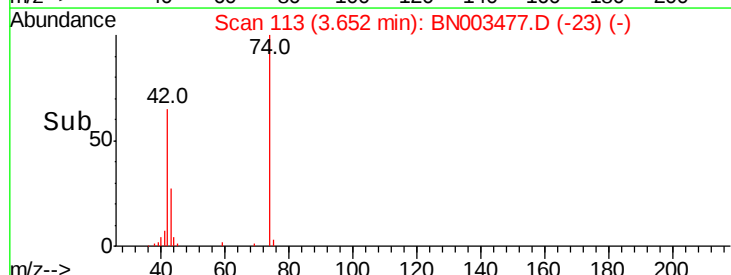
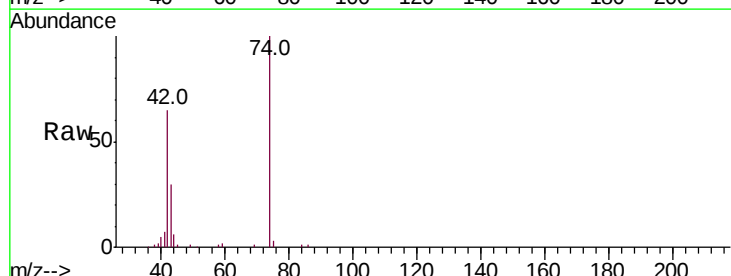
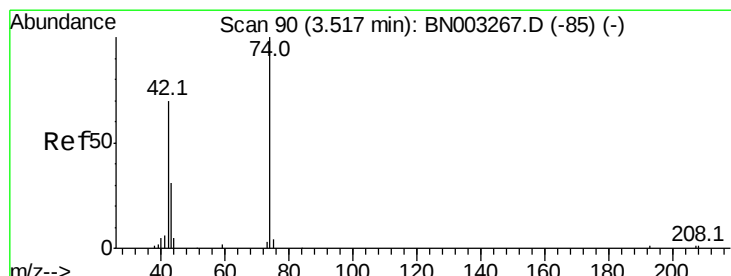
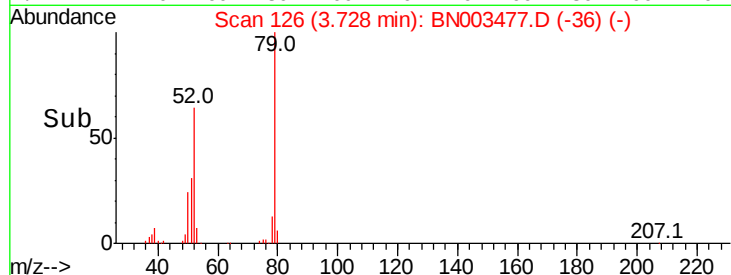
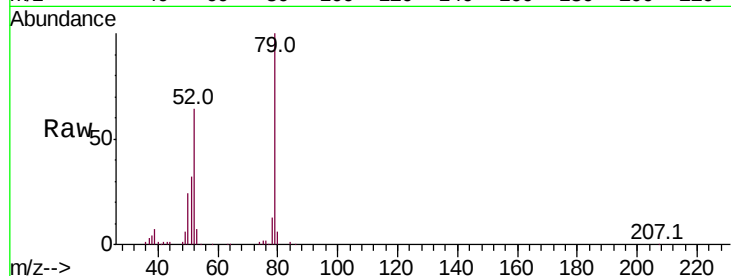
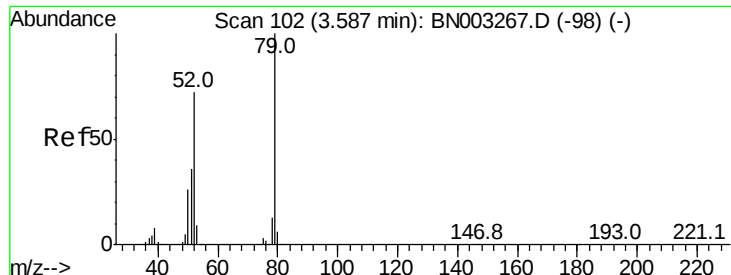
#2

1,4-Dioxane
Concen: 22.593 ng
RT: 3.33 min Scan# 59
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	61.1	91.7
43	24.4	22.2	33.4

Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 28.812 ng

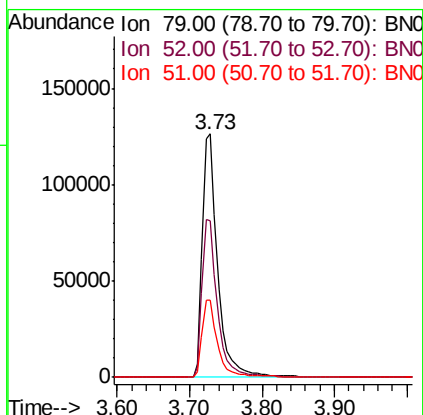
RT: 3.73 min Scan# 126

Delta R.T. 0.00 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.5	57.7	86.5
51	31.7	28.7	43.1



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#4

n-Nitrosodimethylamine

Concen: 31.102 ng

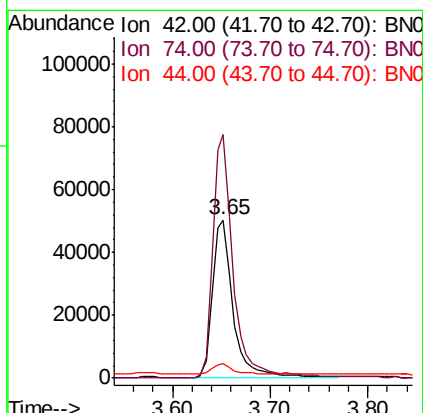
RT: 3.65 min Scan# 113

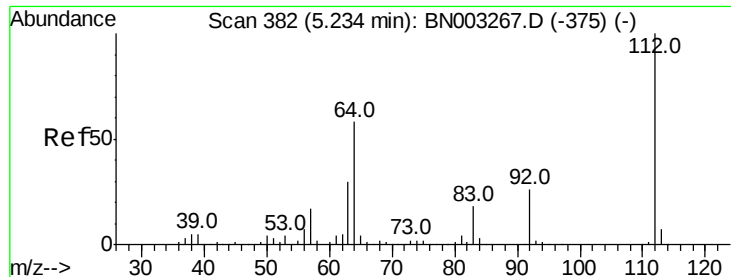
Delta R.T. 0.00 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.2	114.2	171.4
44	9.0	6.1	9.1





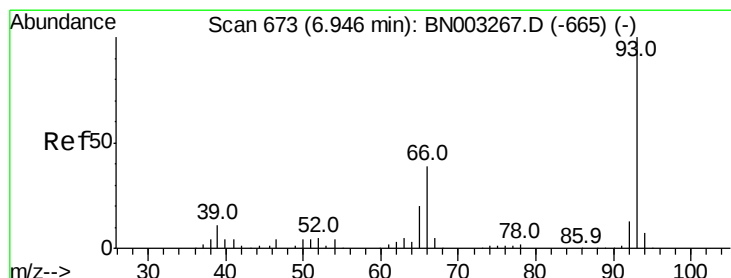
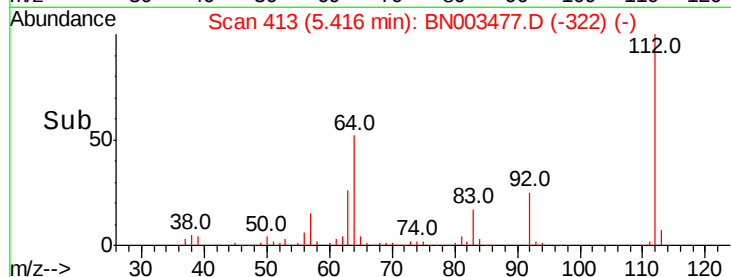
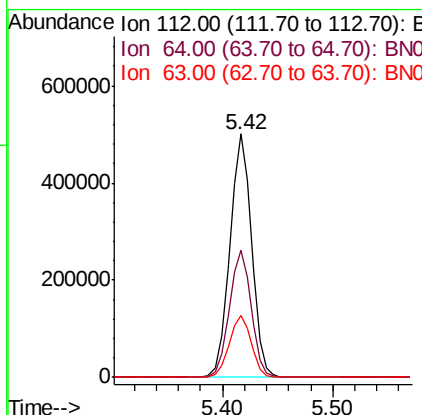
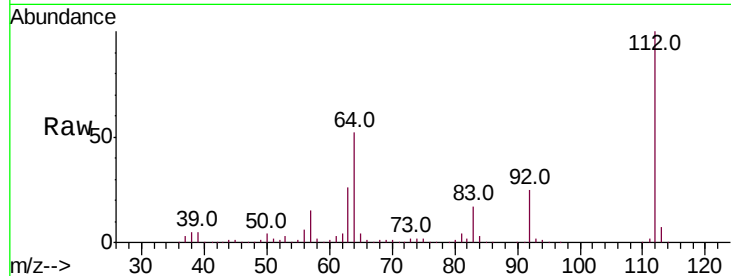
#5
 2-Fluorophenol
 Concen: 115.460 ng
 RT: 5.42 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MS

Tot Ion:	112	Resp:	691303
Ion Ratio	Lower	Upper	
112	100		
64	52.2	46.6	69.8
63	25.7	23.8	35.8

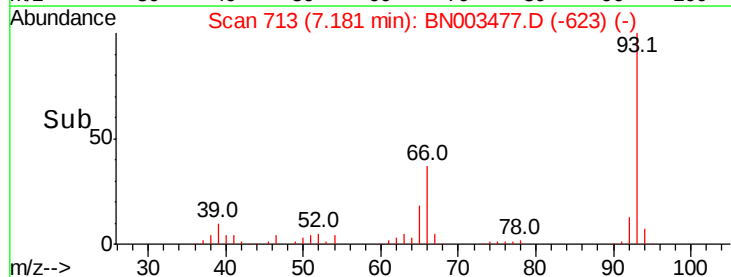
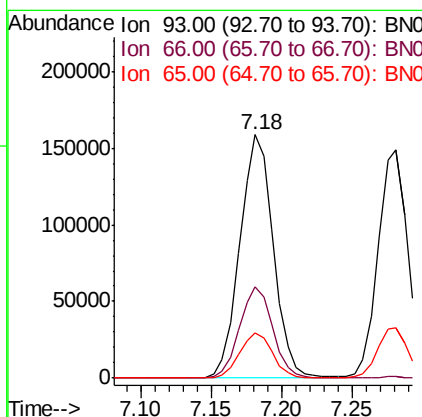
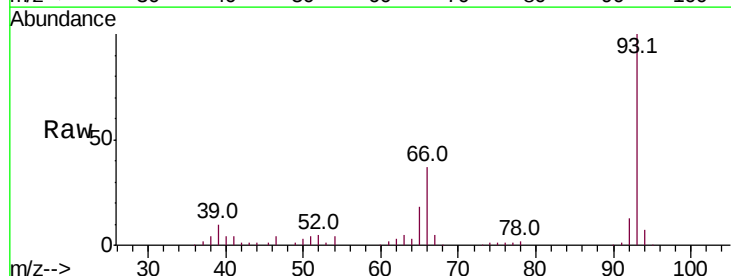
Manual Integrations
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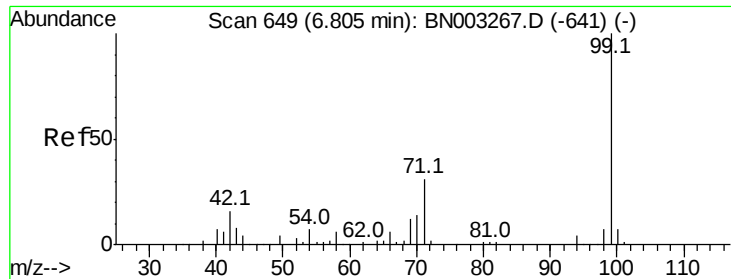
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#6
 Aniline
 Concen: 24.771 ng
 RT: 7.18 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Tgt Ion:	93	Resp:	263346
Ion Ratio	Lower	Upper	
93	100		
66	37.3	31.4	47.0
65	18.4	15.7	23.5





#7

Phenol-d6

Concen: 107.781 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

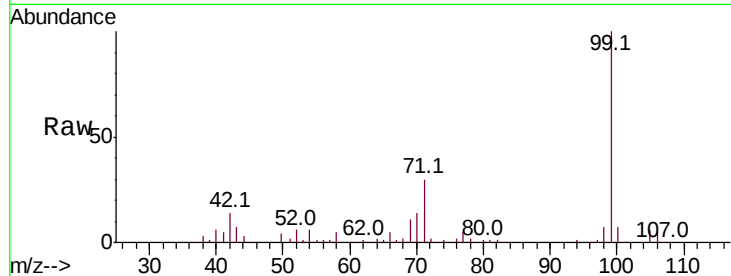
ClientSampleId :

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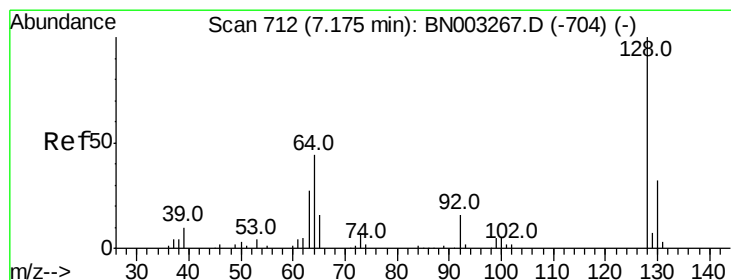
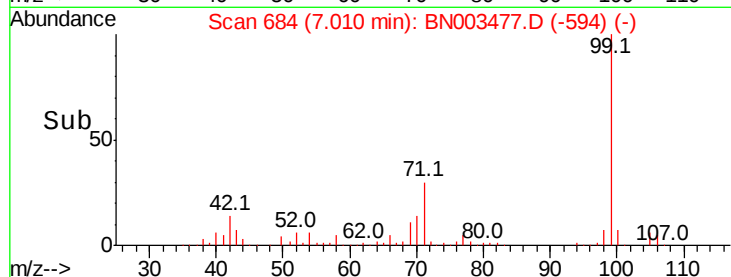
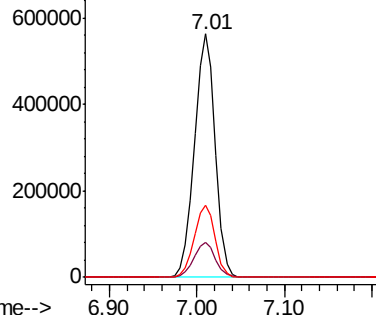
Tot Ion:	99	Resp:	917619
Ion Ratio	Lower	Upper	
99	100		
42	14.3	13.0	19.6
71	29.6	24.5	36.7

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Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#8

2-Chlorophenol

Concen: 35.247 ng

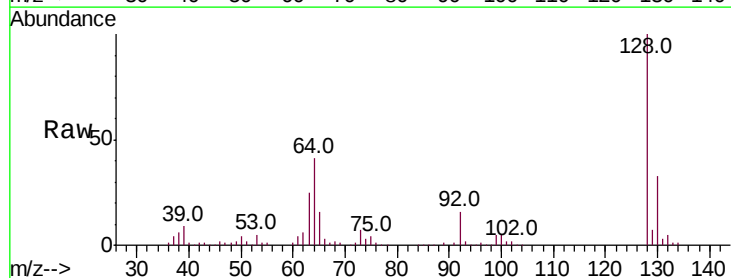
RT: 7.41 min Scan# 752

Delta R.T. 0.00 min

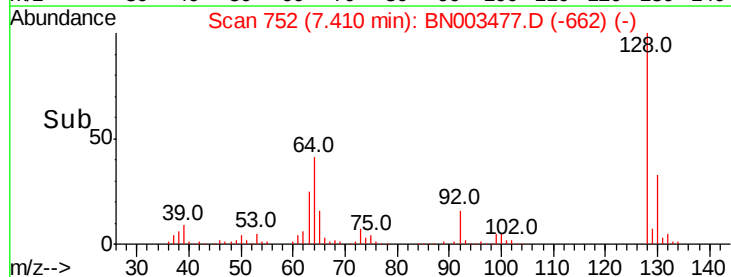
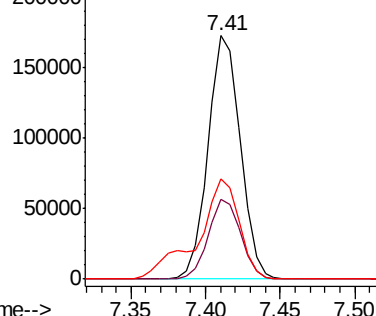
Lab File: BN003477.D

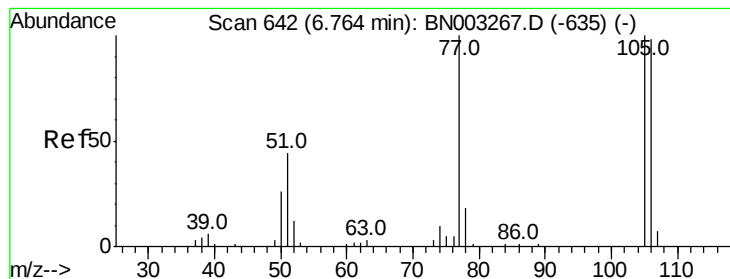
Acq: 09 Nov 2018 18:11

Tgt Ion:	128	Resp:	259930
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.4	52.4
64	41.0	27.0	67.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BNC





#9

Benzaldehyde

Concen: 25.490 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.00 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

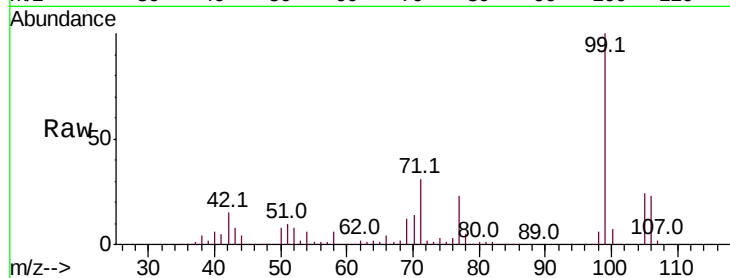
ClientSampleID :

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Tot Ion:	77	Resp:	126035
Ion	Ratio	Lower	Upper
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105	105.6	79.9	119.9
106	100.8	78.4	118.4

Manual Integrations
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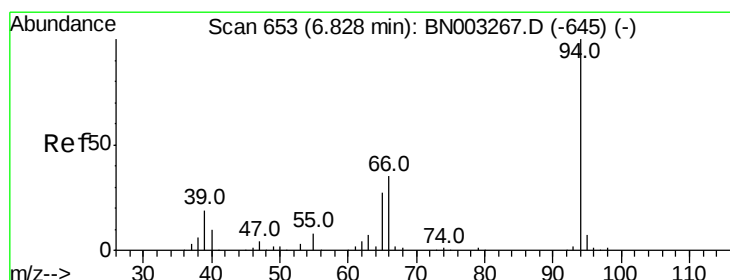
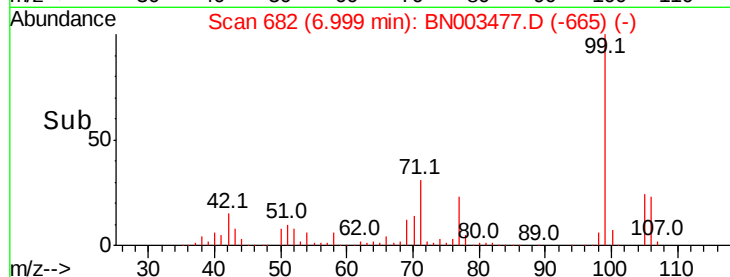
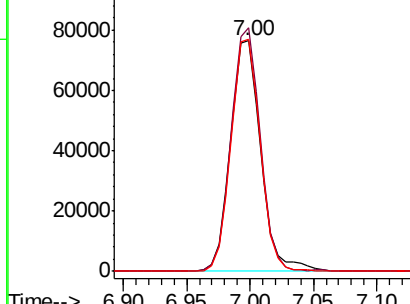
Sohil
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Abundance Ion 77.00 (76.70 to 77.70): BN003477.D (-682) (-)

Ion 105.00 (104.70 to 105.70): BN003477.D (-682) (-)

Ion 106.00 (105.70 to 106.70): BN003477.D (-682) (-)



#10

Phenol

Concen: 41.563 ng

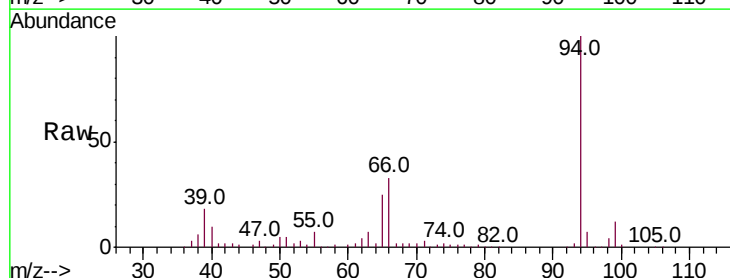
RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

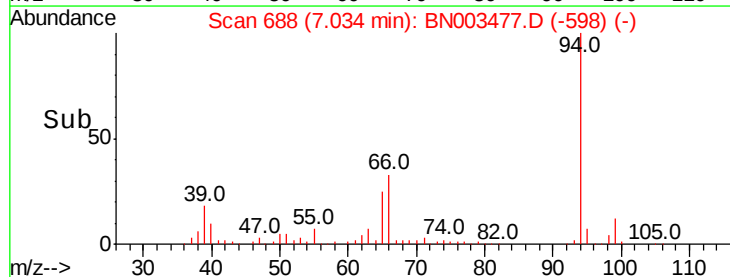
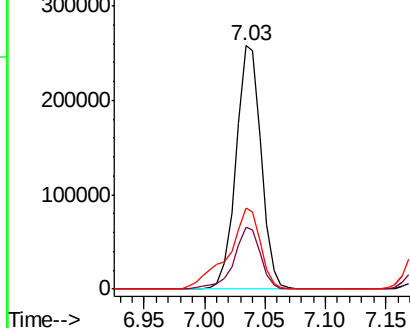
Tgt Ion:	94	Resp:	373417
Ion	Ratio	Lower	Upper
94	100		
65	25.2	7.7	47.7
66	33.2	15.8	55.8

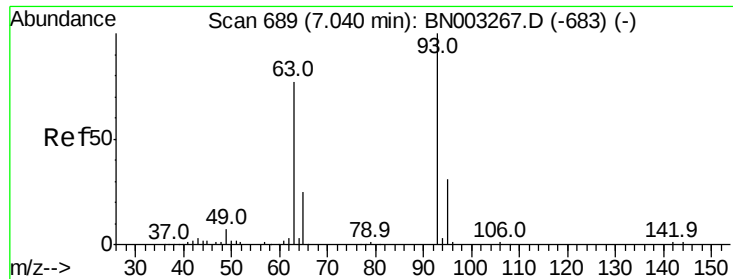


Abundance Ion 94.00 (93.70 to 94.70): BN003477.D (-688) (-)

Ion 65.00 (64.70 to 65.70): BN003477.D (-688) (-)

Ion 66.00 (65.70 to 66.70): BN003477.D (-688) (-)





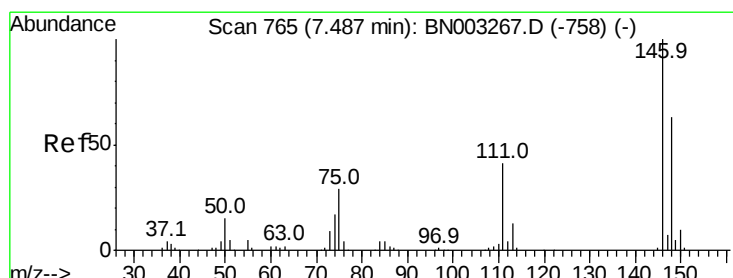
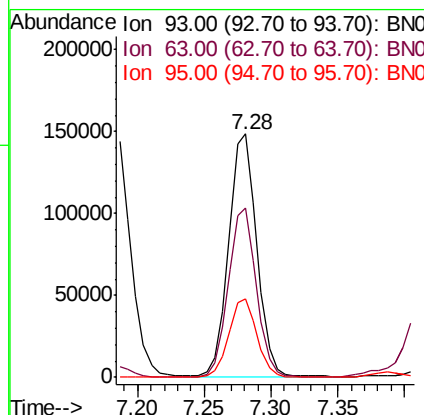
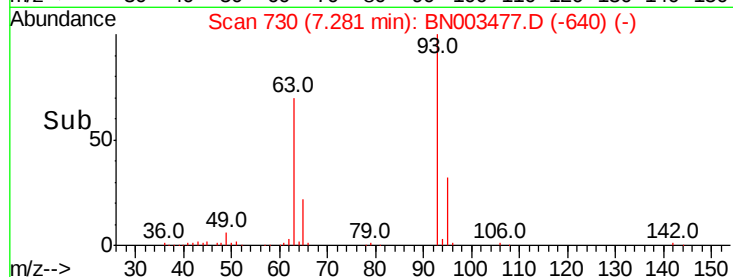
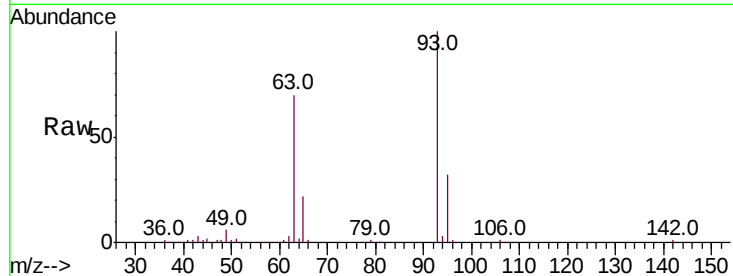
#11
 bis(2-Chloroethyl)ether
 Concen: 30.273 ng
 RT: 7.28 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MS

Tot Ion:	93	Resp:	222155
Ion Ratio	Lower	Upper	
93	100		
63	69.6	56.6	96.6
95	32.4	10.9	50.9

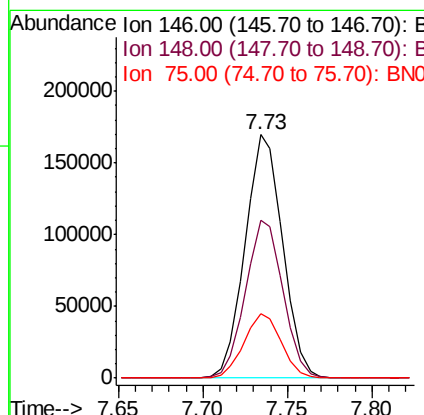
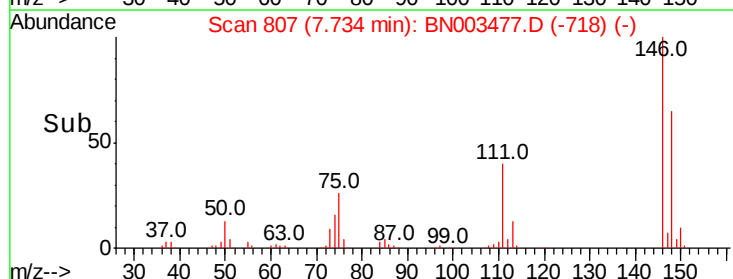
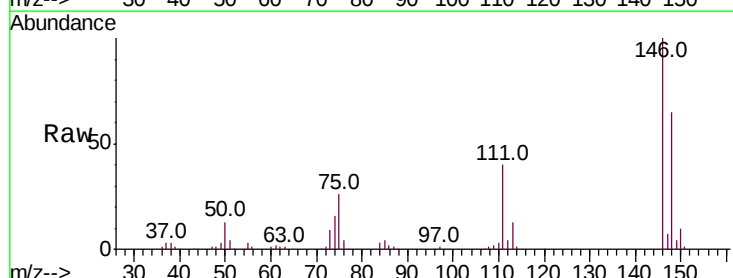
Manual Integrations
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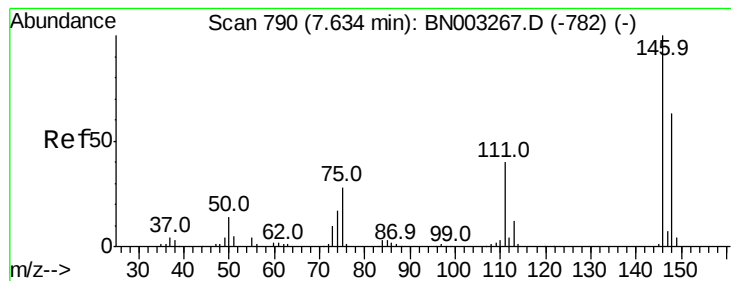
Sohil
 11/12/2018 5:07:48 PM



#12
 1,3-Dichlorobenzene
 Concen: 31.986 ng
 RT: 7.73 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Tgt Ion:	146	Resp:	262260
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.1	75.1
75	26.4	22.9	34.3





#13

1,4-Dichlorobenzene

Concen: 31.826 ng

RT: 7.89 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

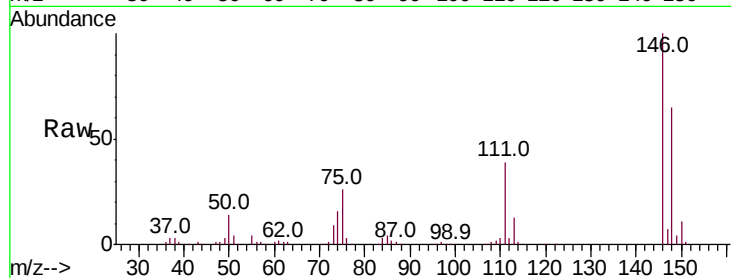
ClientSampleId :

EP2-SB-104(15-17)MS

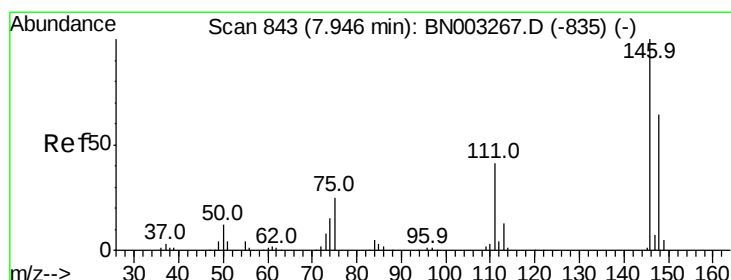
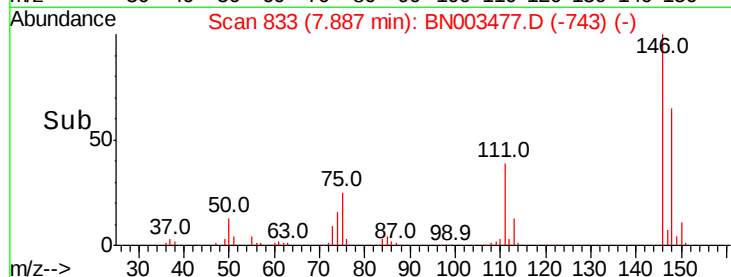
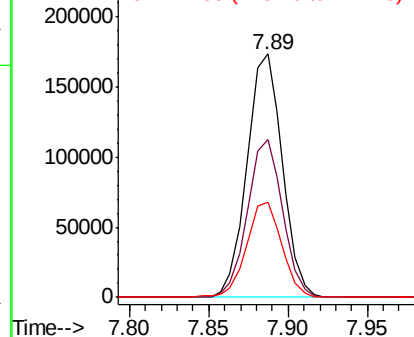
Tot Ion:	146	Resp:	268693
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.2	75.2
111	38.9	32.1	48.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.755 ng

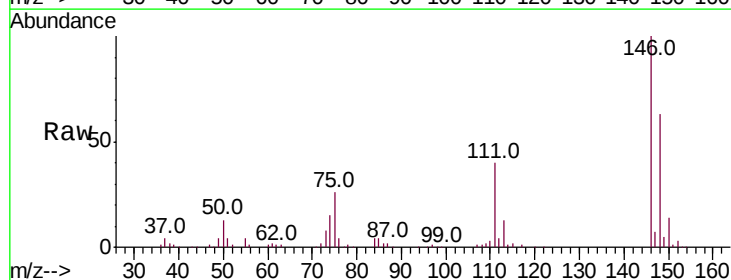
RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

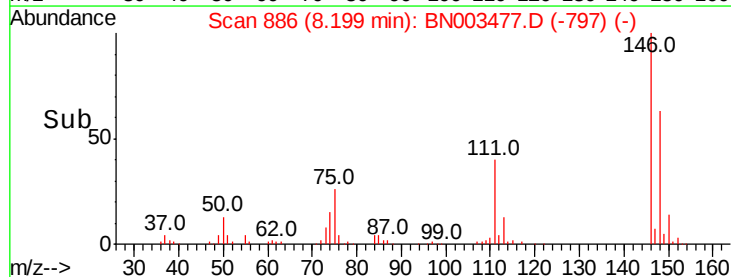
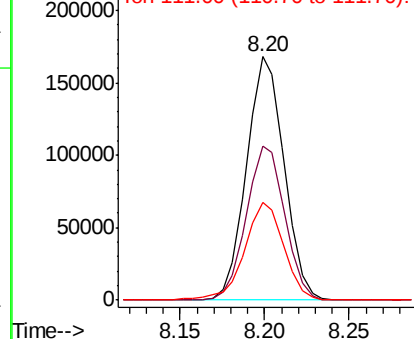
Lab File: BN003477.D

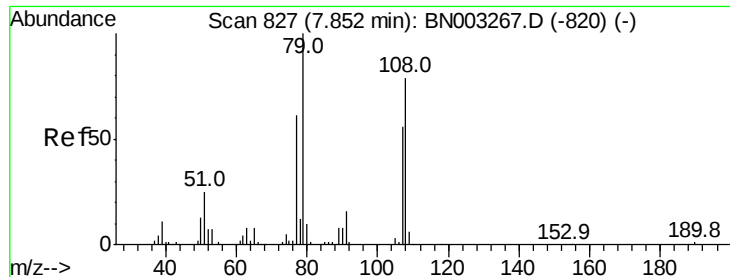
Acq: 09 Nov 2018 18:11

Tgt Ion:	146	Resp:	260192
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.4	77.2
111	40.1	33.1	49.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.726 ng

RT: 8.09 min Scan# 867

Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

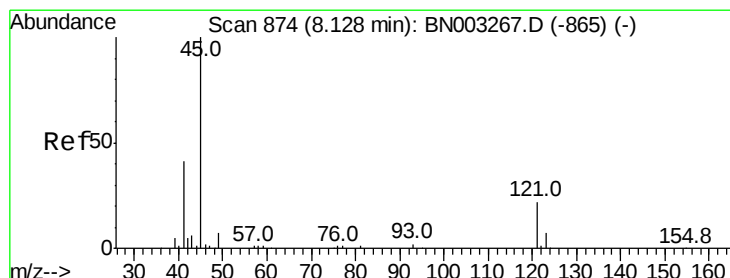
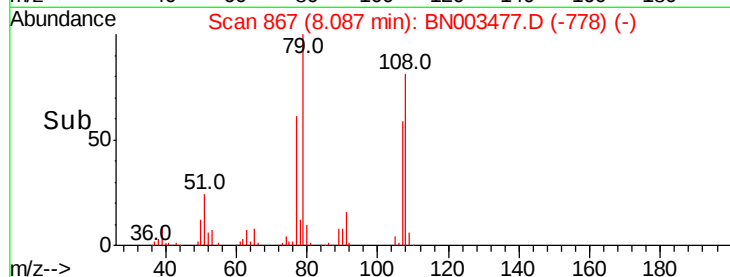
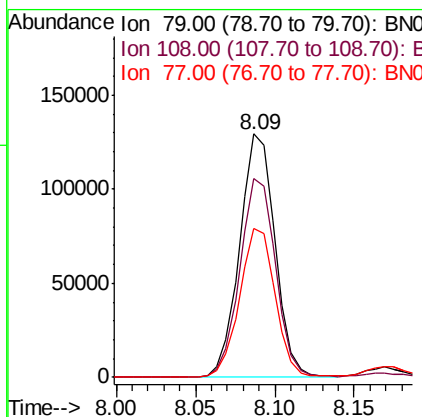
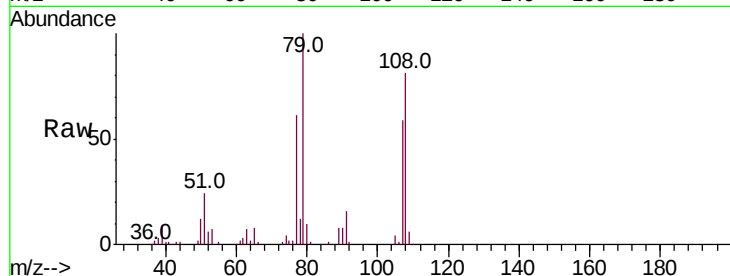
ClientSampleId :

EP2-SB-104(15-17)MS

Tot Ion	79	108	77
Ratio	100	81.4	61.3
Lower		63.3	49.0
Upper		94.9	73.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 26.790 ng

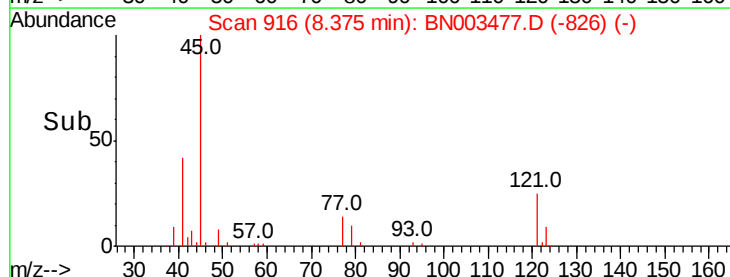
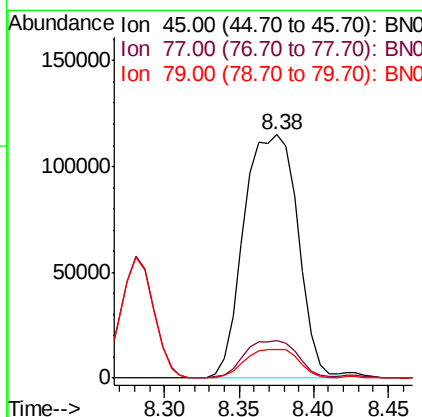
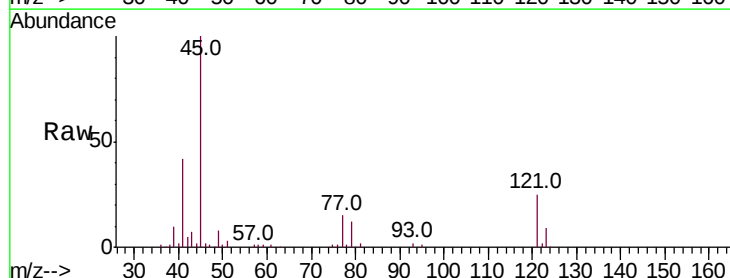
RT: 8.38 min Scan# 916

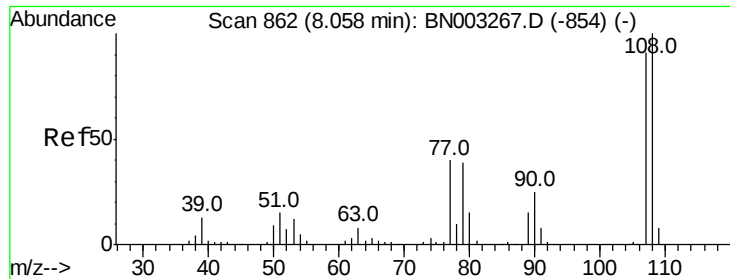
Delta R.T. 0.00 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Tgt Ion	45	77	79
Ratio	100	15.3	11.9
Lower		0.0	0.0
Upper		34.0	30.9





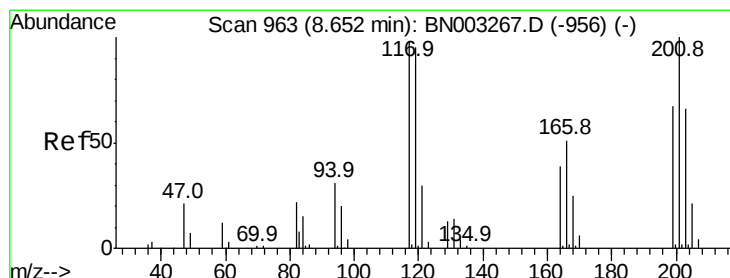
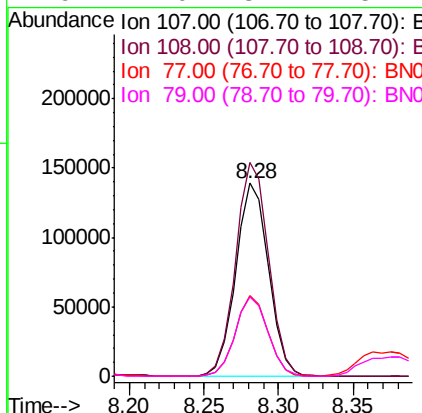
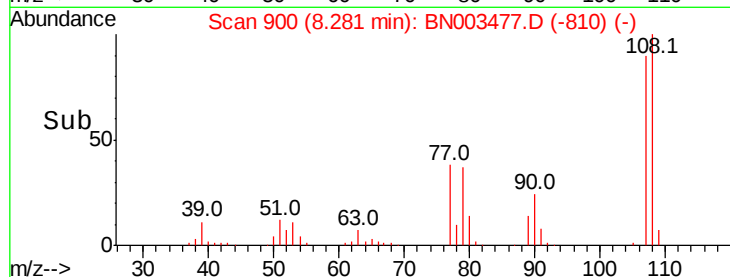
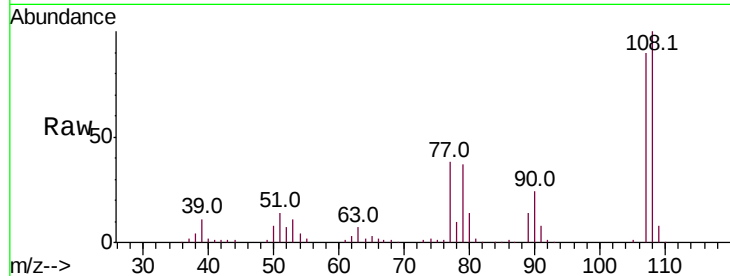
#17
2-Methylphenol
Concen: 34.708 ng
RT: 8.28 min Scan# 900
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	87.6	131.4	
77	41.6	35.3	52.9	
79	41.0	34.2	51.4	

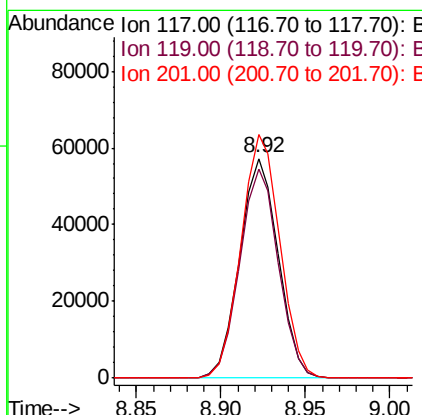
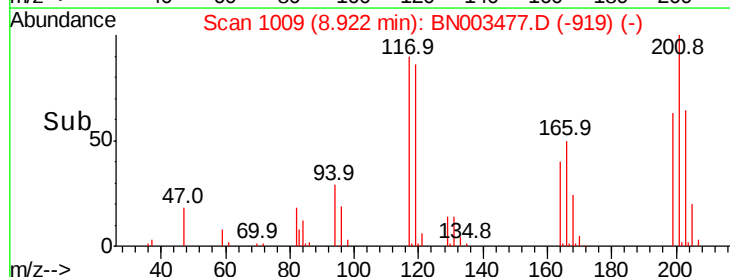
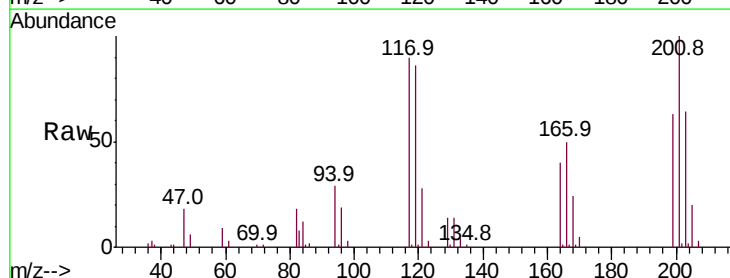
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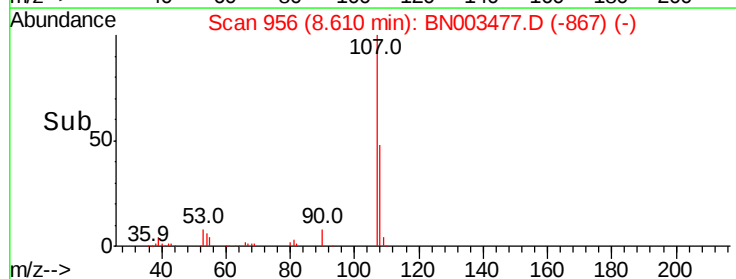
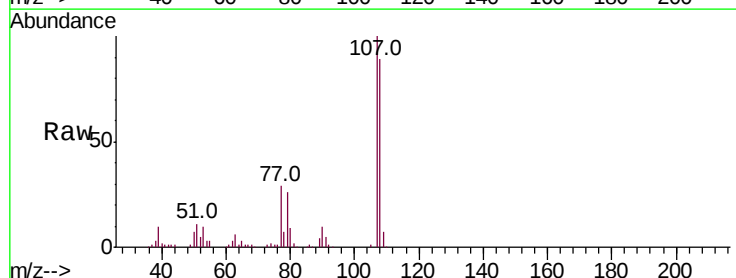
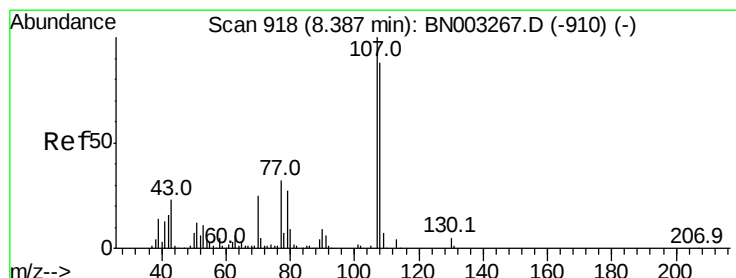
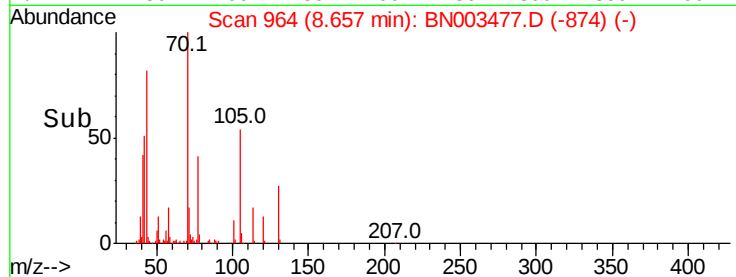
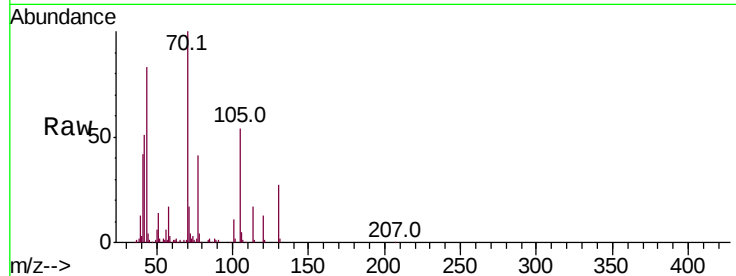
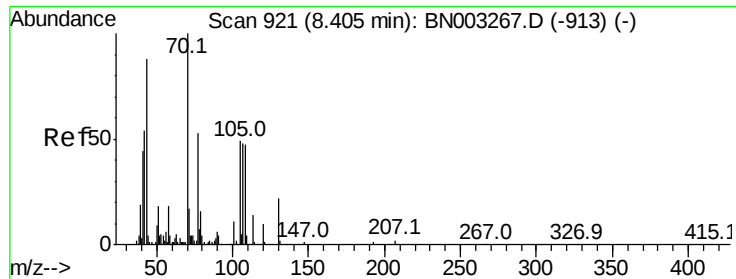
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#18
Hexachloroethane
Concen: 30.739 ng
RT: 8.92 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.8	116.6	
201	110.7	81.4	122.2	





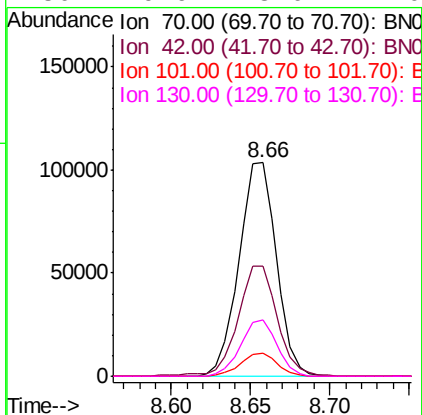
#19
n-Nitroso-di-n-propylamine
Concen: 27.625 ng
RT: 8.66 min Scan# 964
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.4	43.5	65.3	
101	11.0	8.6	12.8	
130	26.6	18.0	27.0	

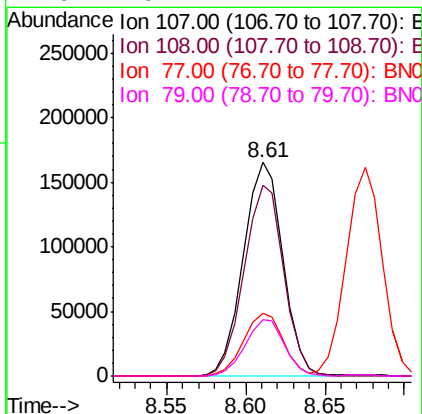
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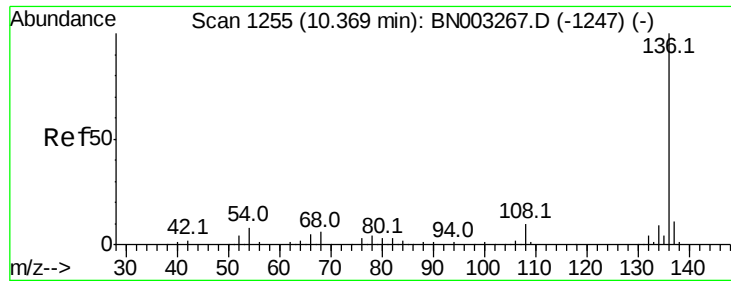
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#20
3+4-Methylphenols
Concen: 32.897 ng
RT: 8.61 min Scan# 956
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	67.8	107.8	
77	29.2	12.1	52.1	
79	26.4	7.2	47.2	





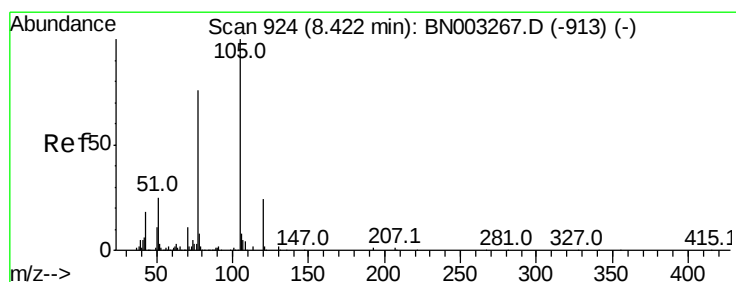
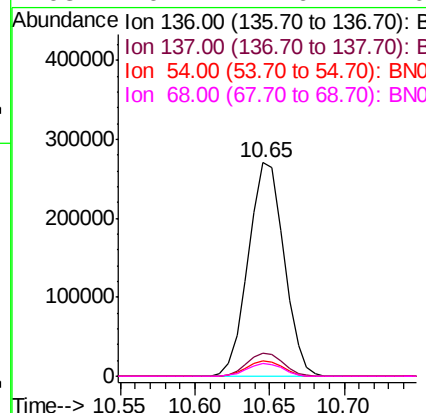
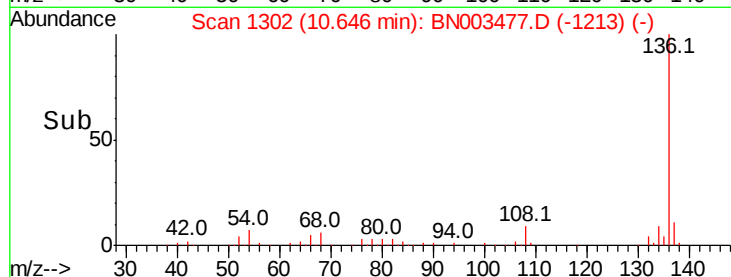
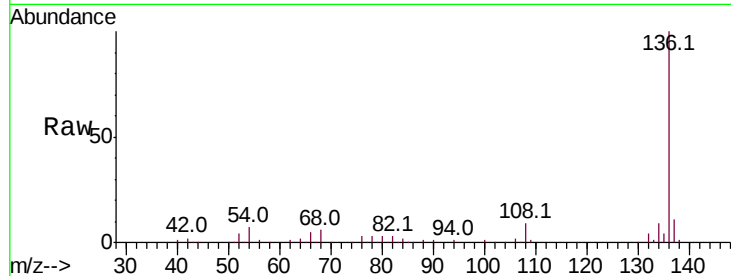
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.7	13.1	
54	7.4	6.6	10.0	
68	6.2	4.6	7.0	

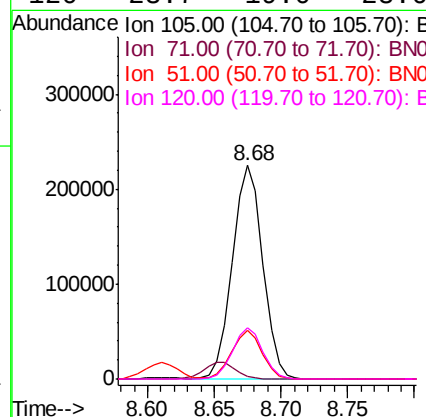
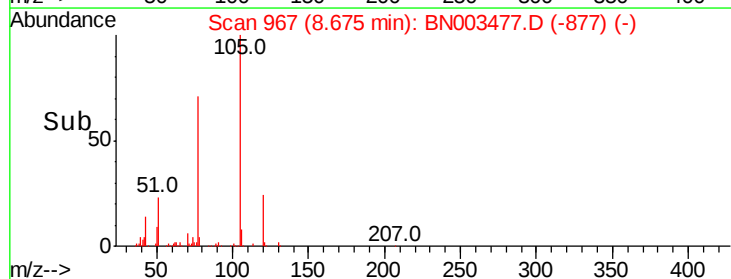
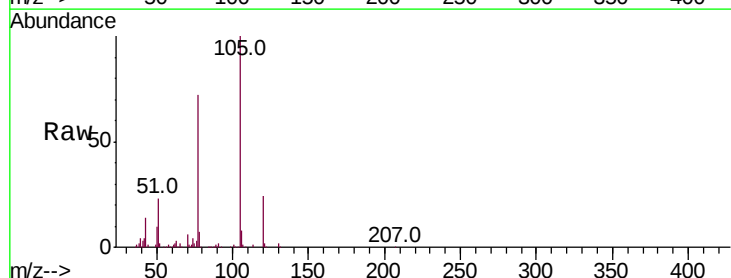
Manual Integrations
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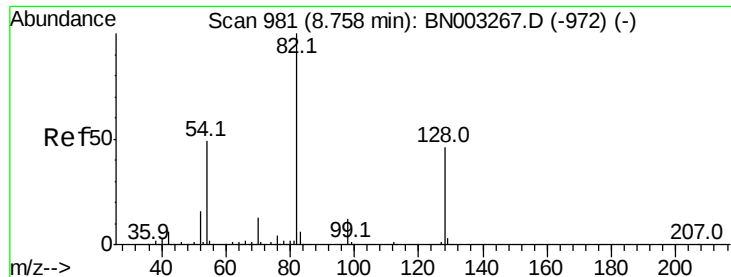
Sohil
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#22
Acetophenone
Concen: 32.929 ng
RT: 8.68 min Scan# 967
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.1	1.3	1.9#	
51	23.0	20.5	30.7	
120	23.7	19.0	28.6	





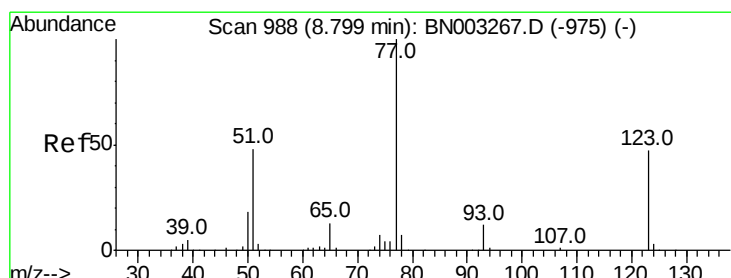
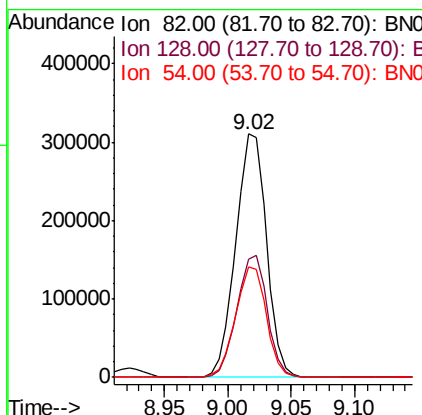
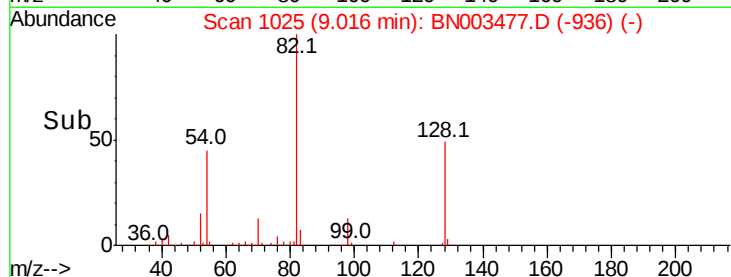
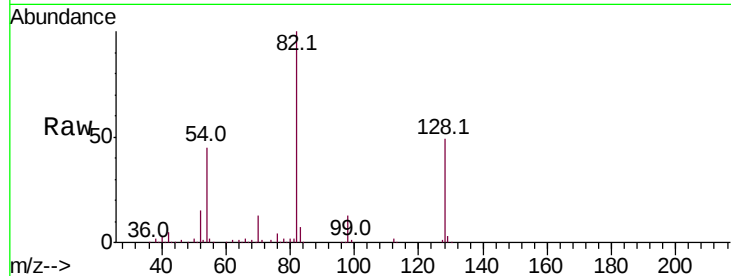
#23
Nitrobenzene-d5
Concen: 66.909 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.1	55.7
54	45.1	39.4	59.2

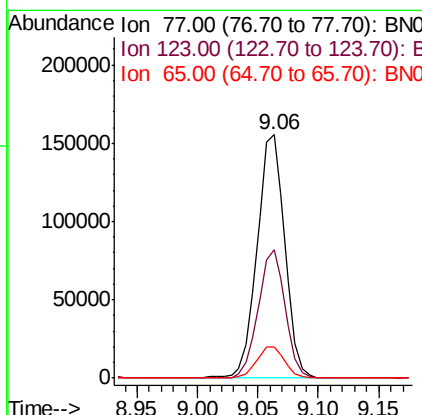
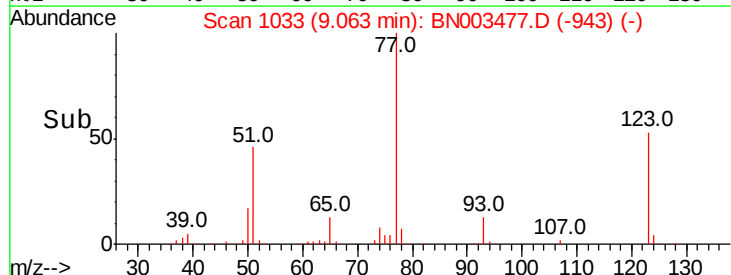
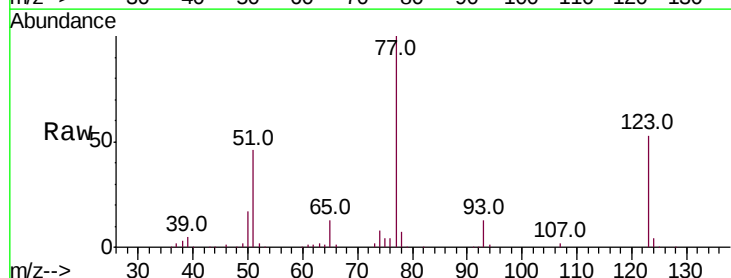
Manual Integrations
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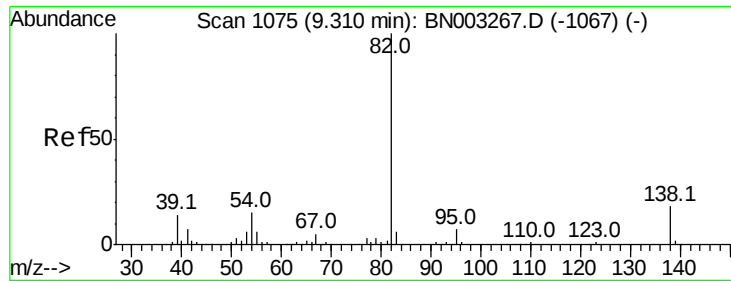
Sohil
11/12/2018 5:07:48 PM



#24
Nitrobenzene
Concen: 31.289 ng
RT: 9.06 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.6	37.8	56.6
65	13.0	10.7	16.1





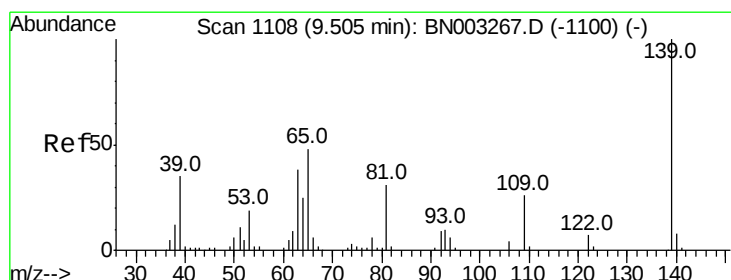
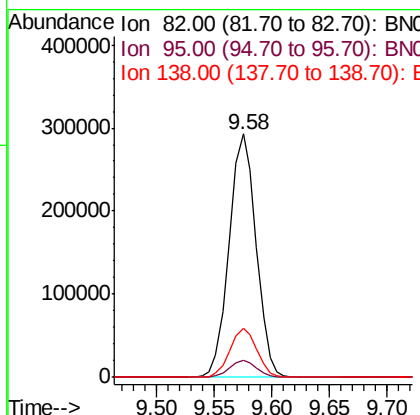
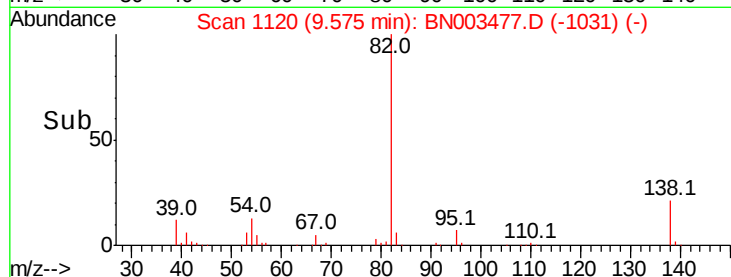
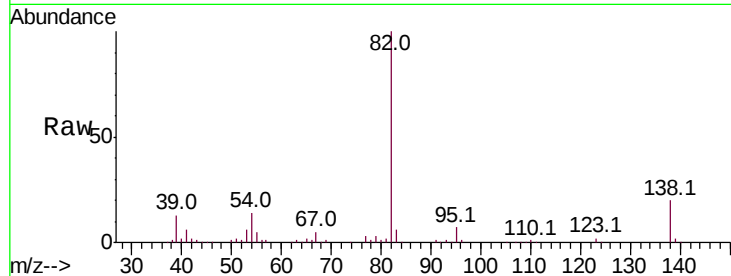
#25
Isophorone
Concen: 34.558 ng
RT: 9.58 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.0
138	20.4	14.5	21.7

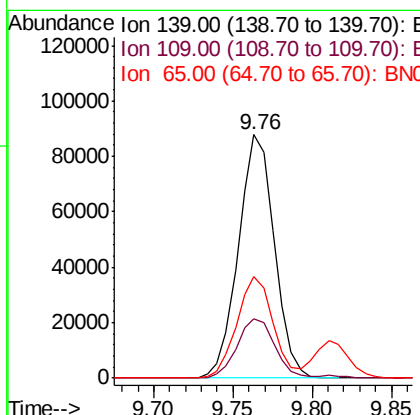
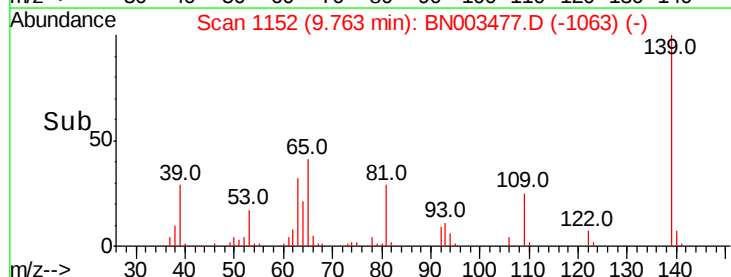
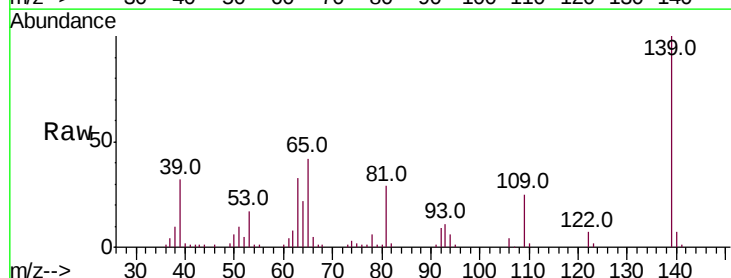
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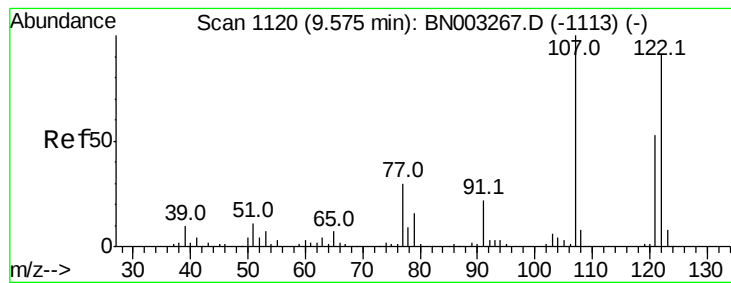
Sohil
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#26
2-Nitrophenol
Concen: 32.903 ng
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.6	20.5	30.7
65	41.6	38.4	57.6





#27

2,4-Dimethylphenol

Concen: 40.393 ng

RT: 9.81 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

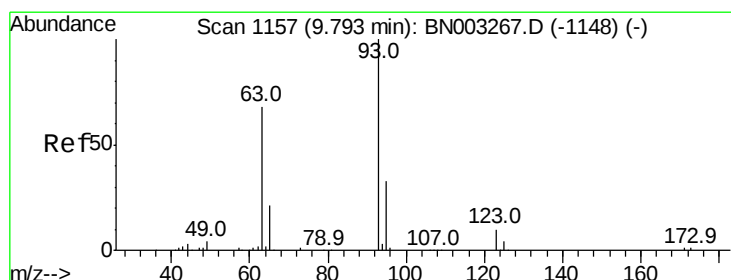
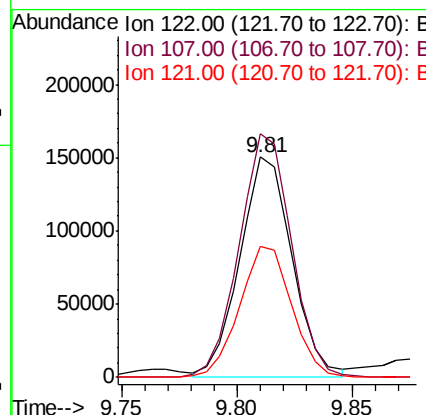
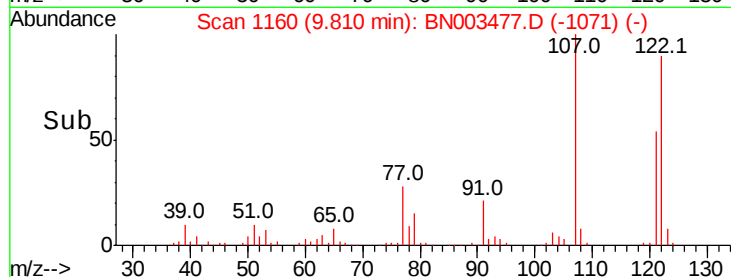
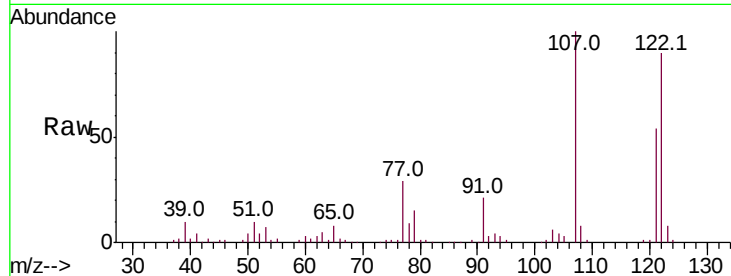
ClientSampleId :

EP2-SB-104(15-17)MS

Tot Ion:	122	Resp:	238396
Ion Ratio	Lower	Upper	
122	100		
107	110.5	87.8	131.6
121	59.6	46.9	70.3

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#28

bis(2-Chloroethoxy)methane

Concen: 33.489 ng

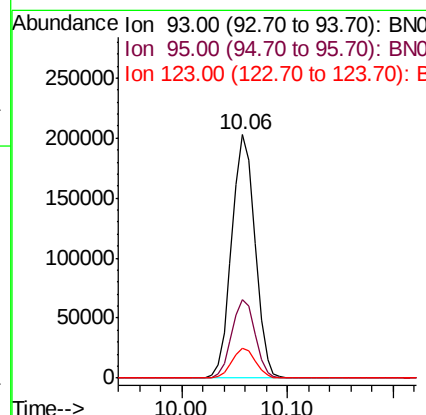
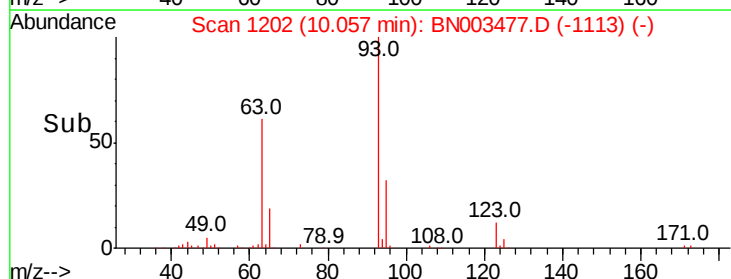
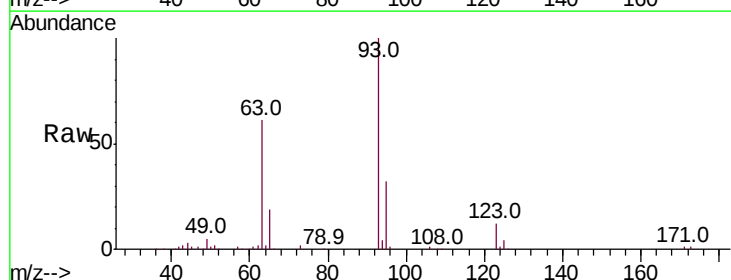
RT: 10.06 min Scan# 1202

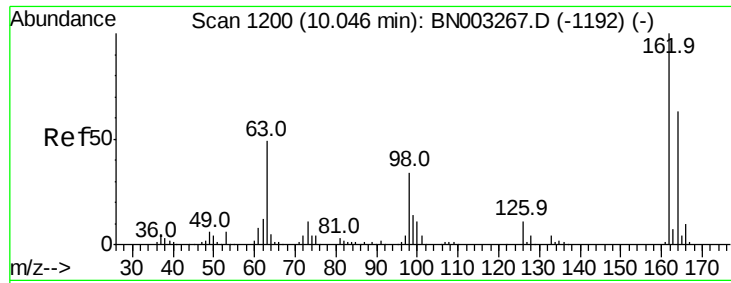
Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Tgt Ion:	93	Resp:	309289
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.2	39.4
123	12.2	9.1	13.7





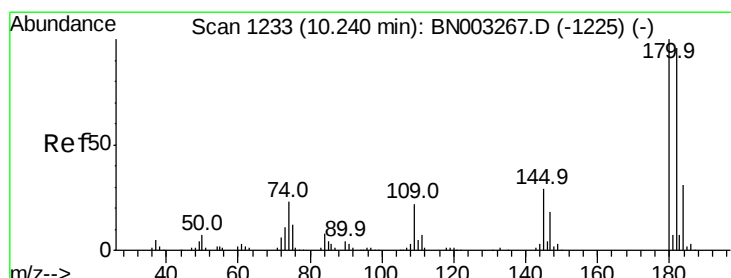
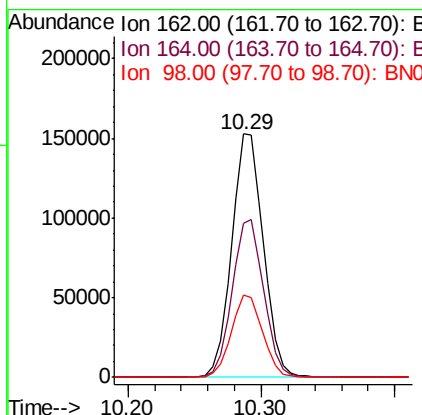
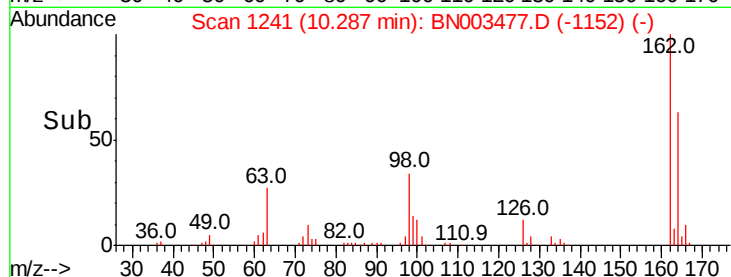
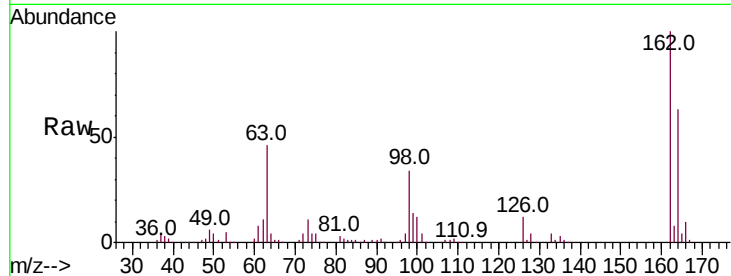
#29
 2,4-Dichlorophenol
 Concen: 37.292 ng
 RT: 10.29 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MS

Tot Ion:	162	Resp:	251162
Ion Ratio	Lower	Upper	
162	100		
164	63.1	42.5	82.5
98	33.9	14.0	54.0

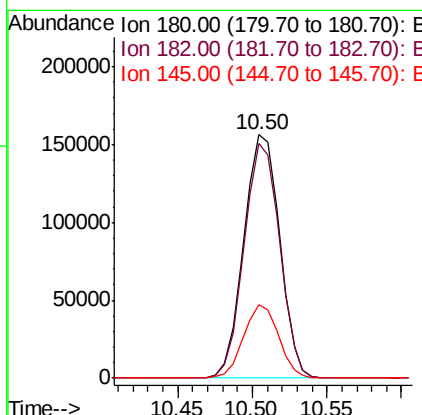
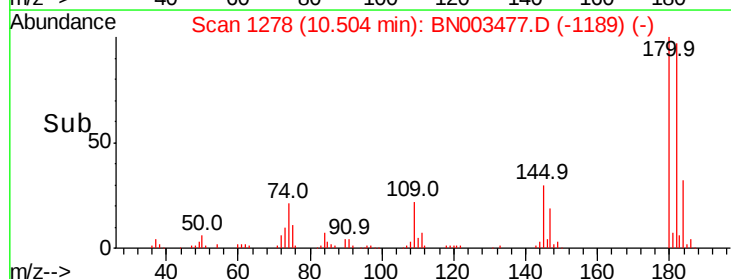
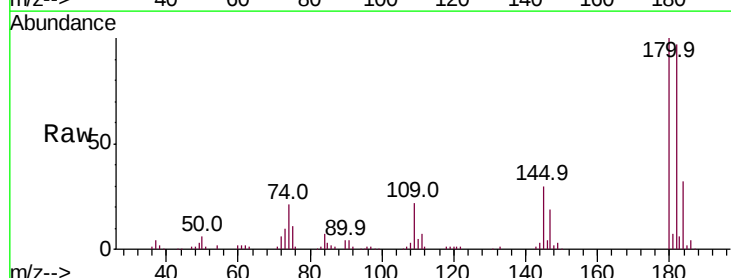
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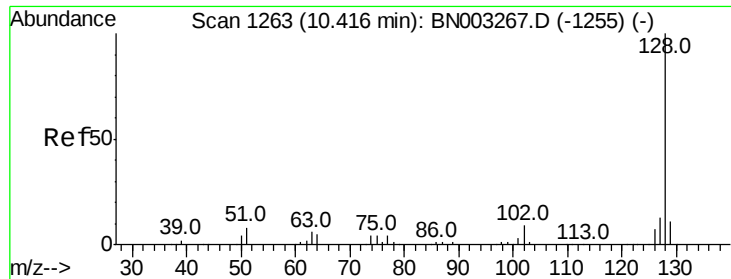
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.050 ng
 RT: 10.50 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Tgt Ion:	180	Resp:	260705
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.4	114.6
145	30.1	23.6	35.4





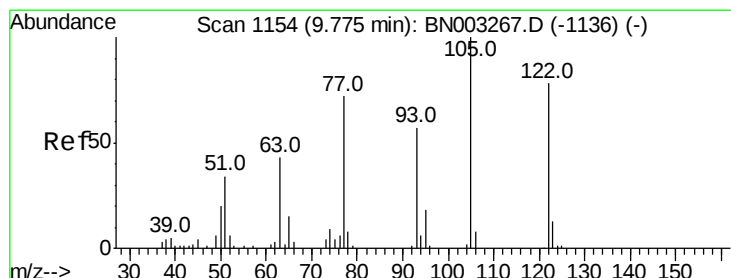
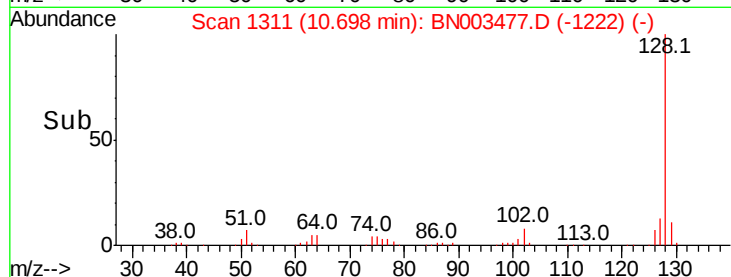
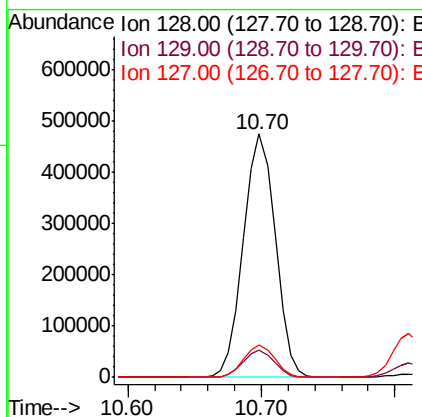
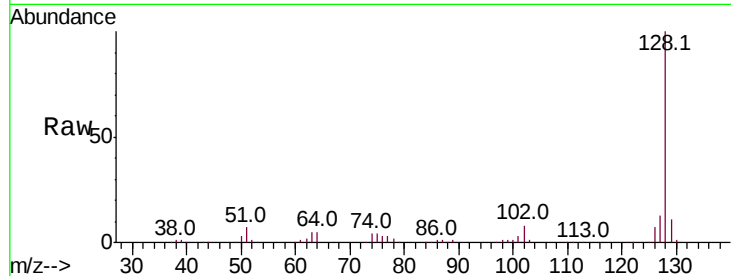
#31
Naphthalene
Concen: 35.948 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.3	10.4	15.6

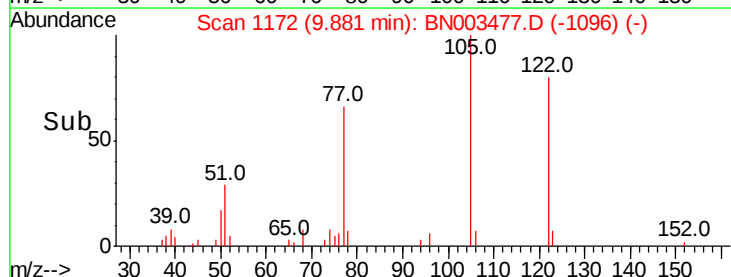
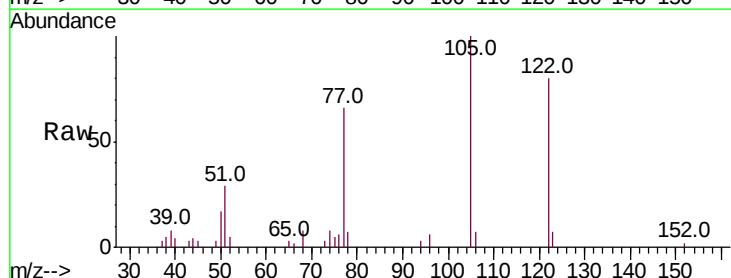
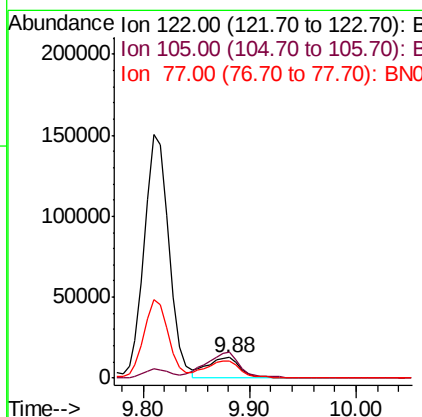
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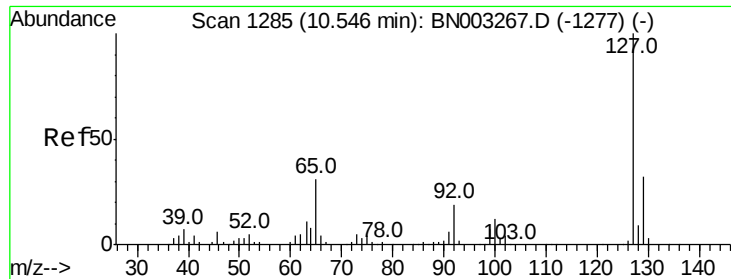
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#32
Benzoic acid
Concen: 10.157 ng m
RT: 9.88 min Scan# 1172
Delta R.T. -0.08 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.3	106.8	146.8
77	82.2	71.9	111.9





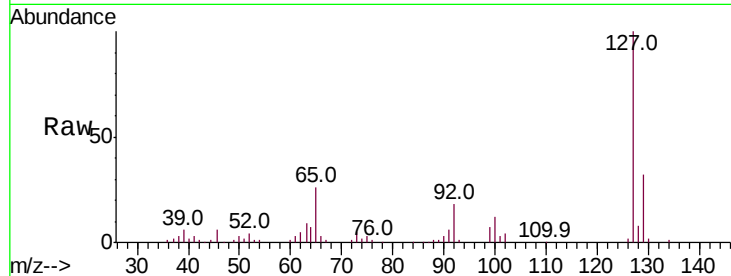
#33
4-Chloroaniline
Concen: 14.650 ng
RT: 10.81 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

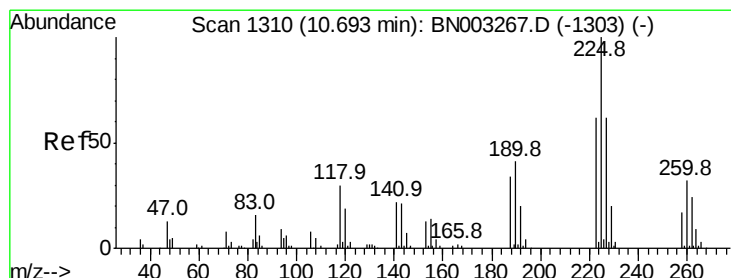
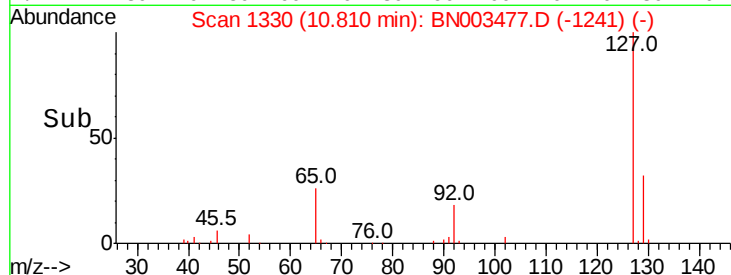
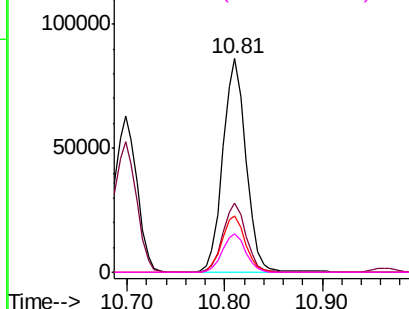
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	26.3	24.6	36.8
92	17.8	15.3	22.9

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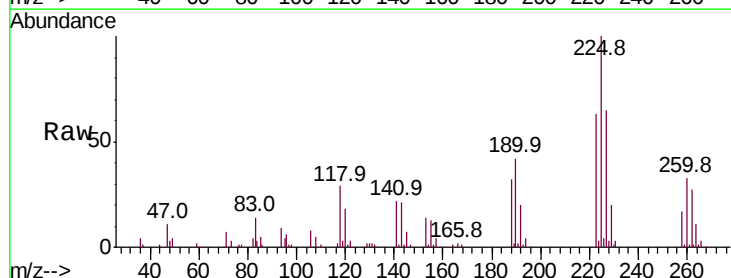


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

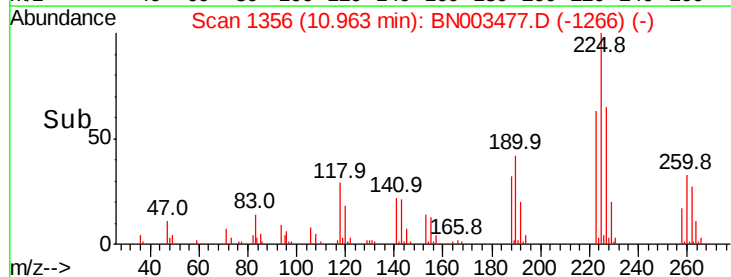
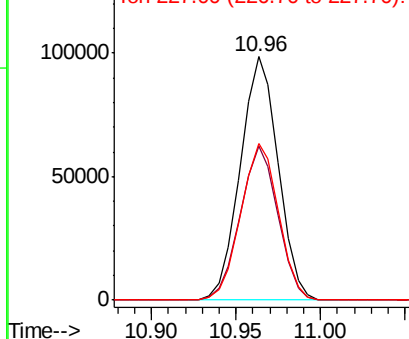


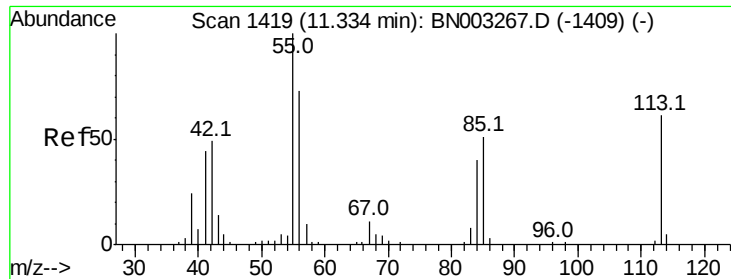
#34
Hexachlorobutadiene
Concen: 33.672 ng
RT: 10.96 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.8
227	64.5	49.6	74.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





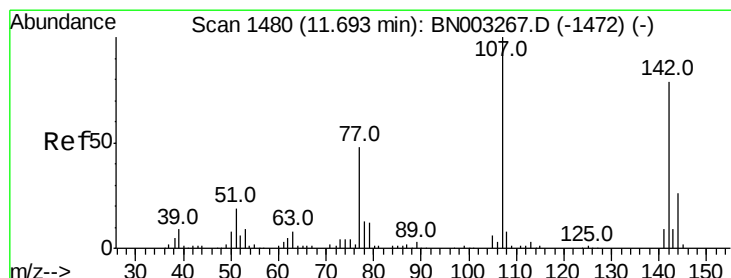
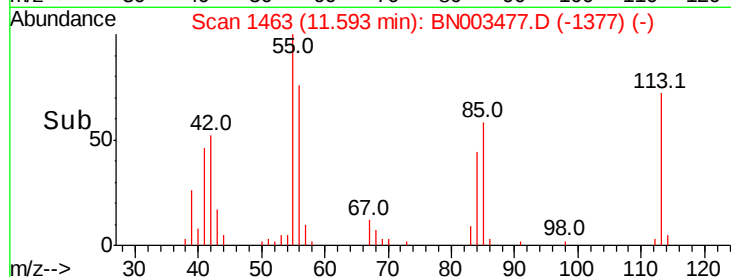
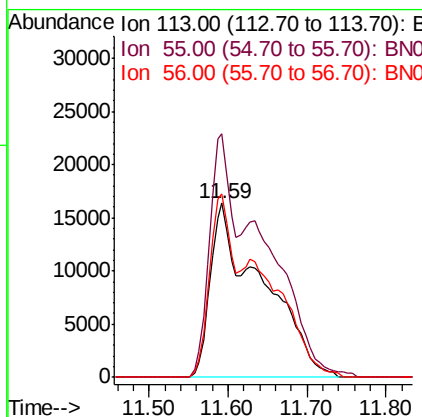
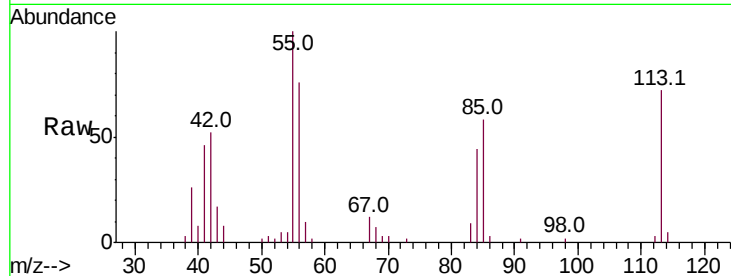
#35
 Caprolactam
 Concen: 28.113 ng/ml
 RT: 11.59 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MS

Tot Ion:113 Resp: 74139
 Ion Ratio Lower Upper
 113 100
 55 139.6 144.2 184.2#
 56 105.5 100.6 140.6

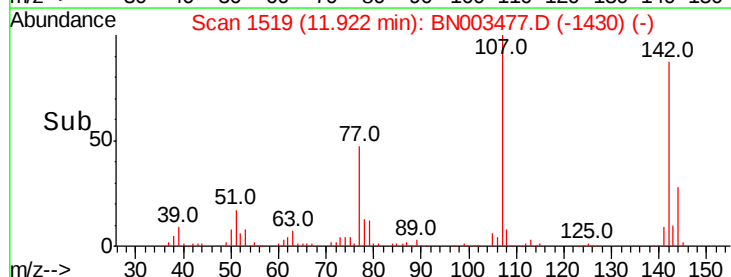
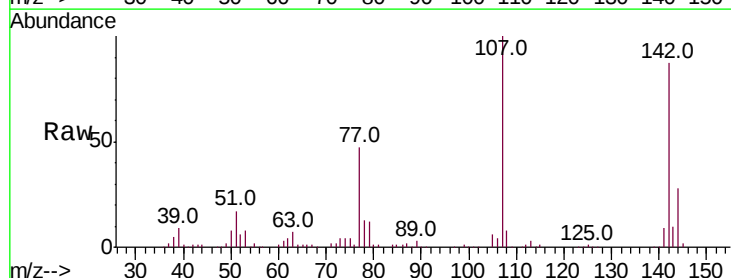
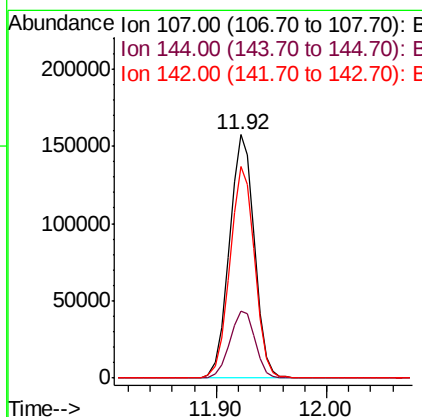
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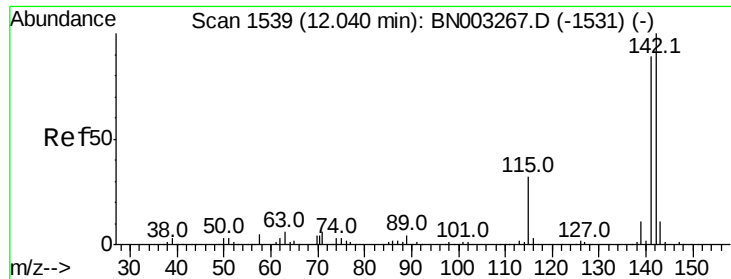
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#36
 4-Chloro-3-methylphenol
 Concen: 33.356 ng
 RT: 11.92 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Tgt Ion:107 Resp: 250556
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.8 31.2
 142 86.9 63.5 95.3





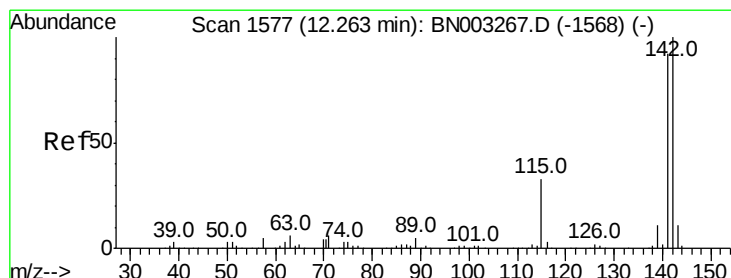
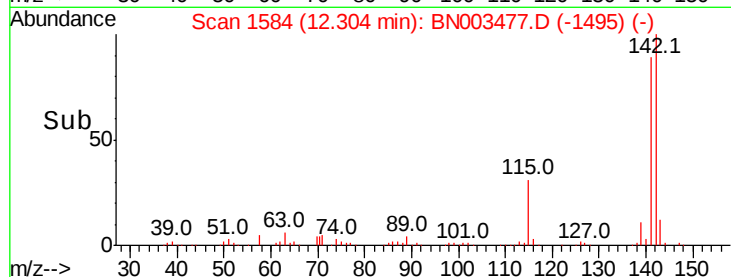
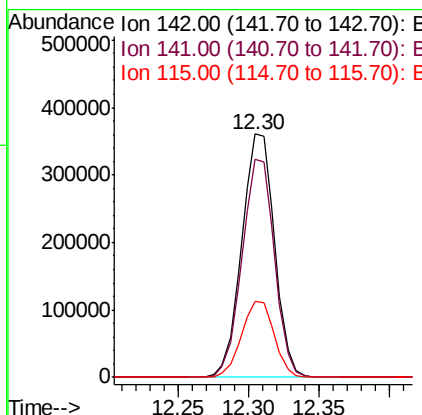
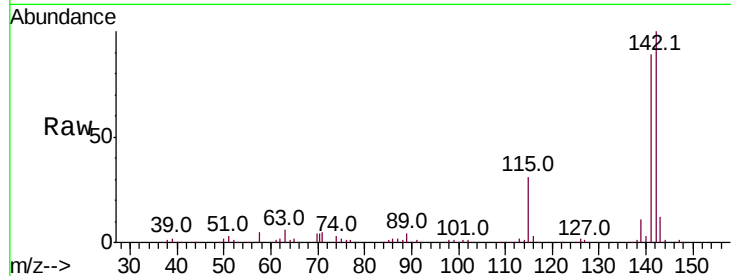
#37
2-Methylnaphthalene
Concen: 37.288 ng
RT: 12.30 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4
115	31.3	25.5	38.3

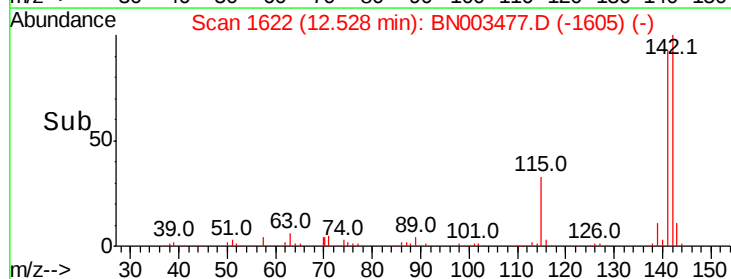
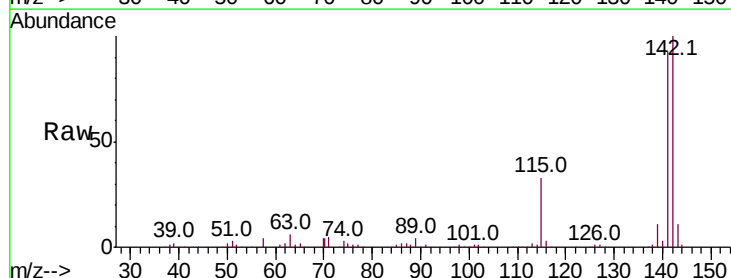
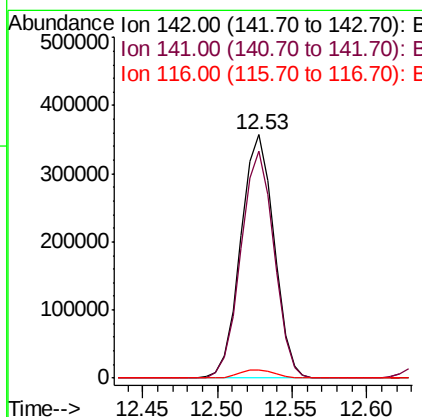
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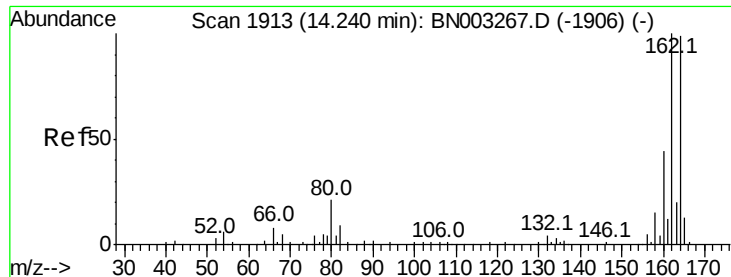
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#38
1-Methylnaphthalene
Concen: 36.228 ng
RT: 12.53 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.6	110.4
116	3.4	2.8	4.2





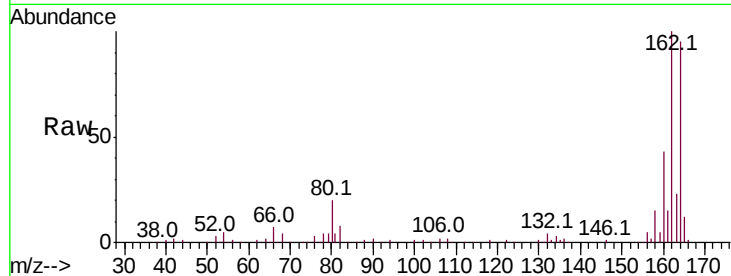
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.8	121.2
160	45.4	35.5	53.3

Manual Integrations
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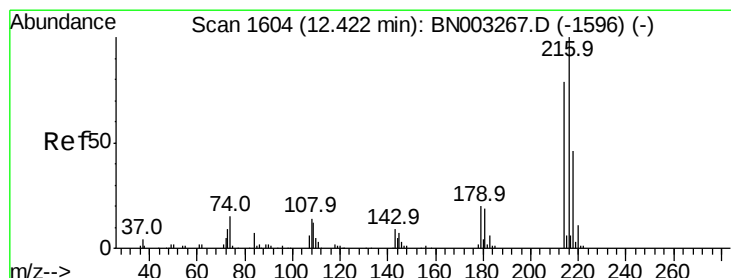
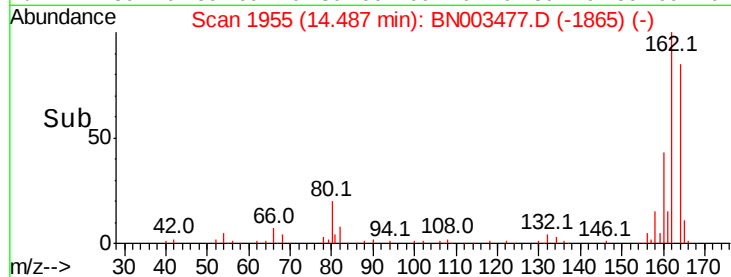
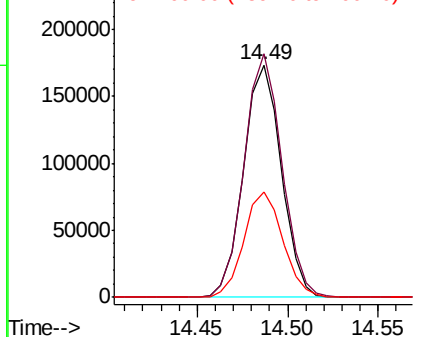


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.551 ng
RT: 12.67 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.8	94.2
179	20.5	16.0	24.0
108	18.2	12.9	19.3

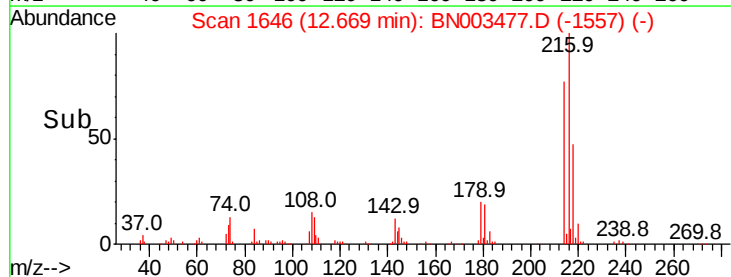
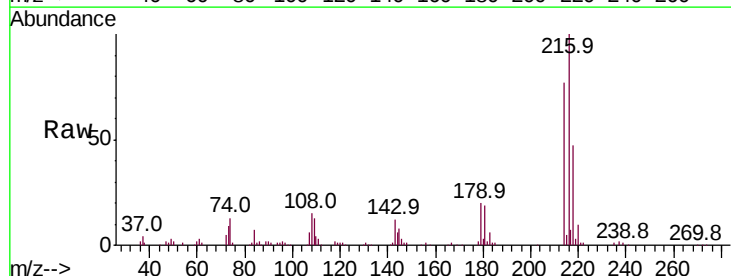
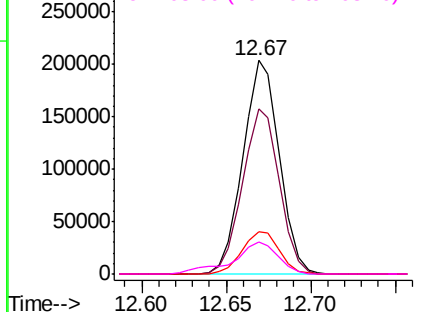
Abundance

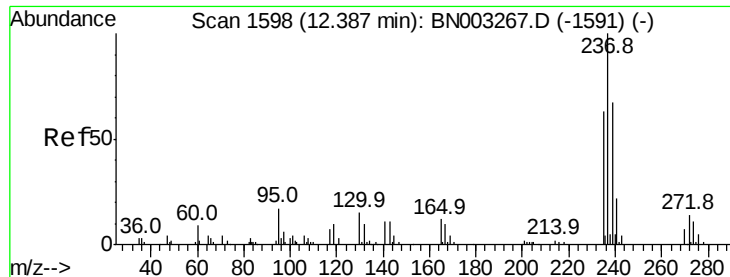
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.086 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

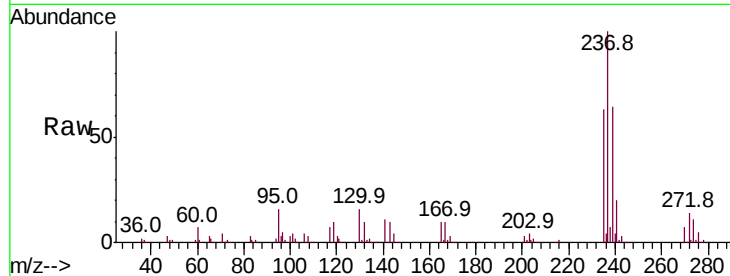
ClientSampleId :

EP2-SB-104(15-17)MS

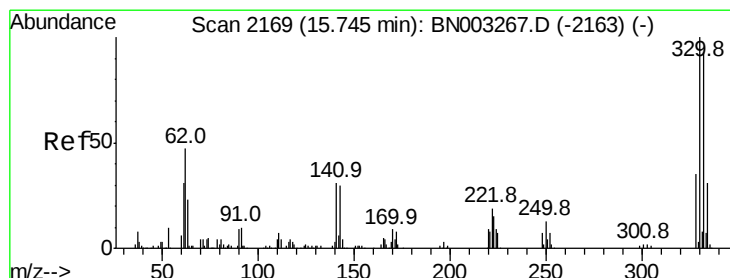
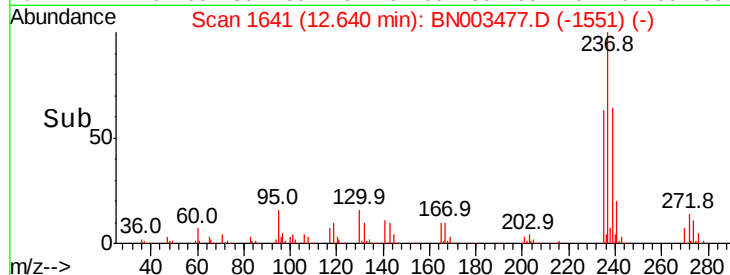
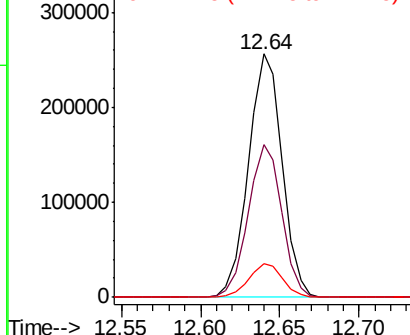
Tot Ion:	237	Resp:	378511
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.8	82.8
272	13.8	0.0	33.5

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



#42

2,4,6-Tribromophenol

Concen: 118.531 ng

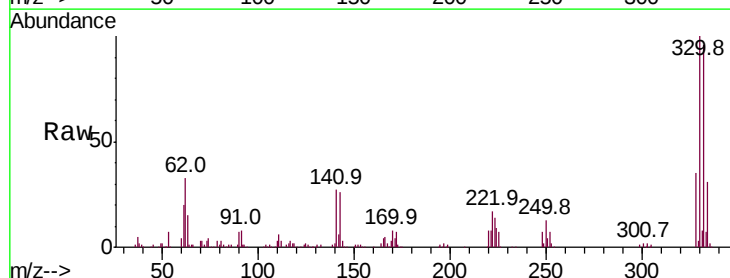
RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

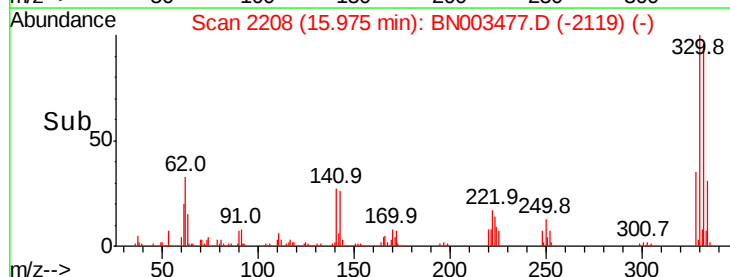
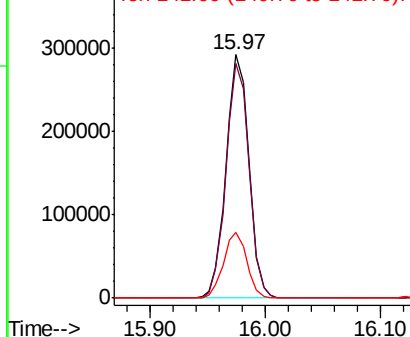
Lab File: BN003477.D

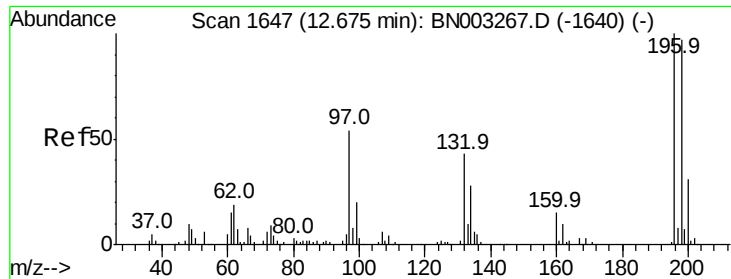
Acq: 09 Nov 2018 18:11

Tgt Ion:	330	Resp:	401633
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	114.8
141	27.5	24.5	36.7



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





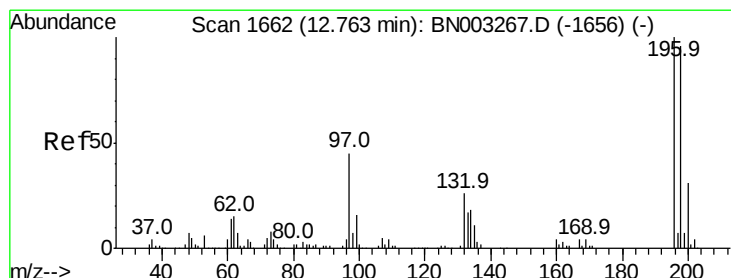
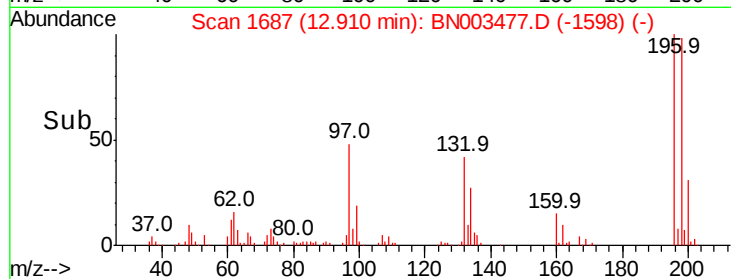
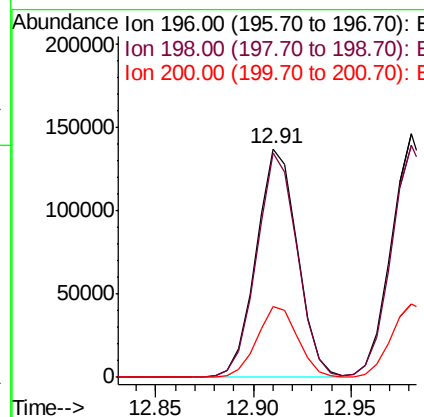
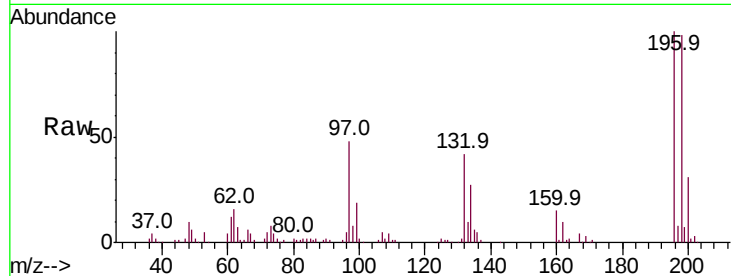
#43
 2,4,6-Trichlorophenol
 Concen: 38.159 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	200699		
198	98.0	77.4	116.0	
200	31.1	25.0	37.6	

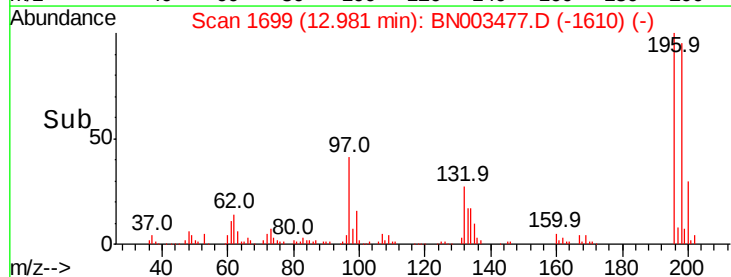
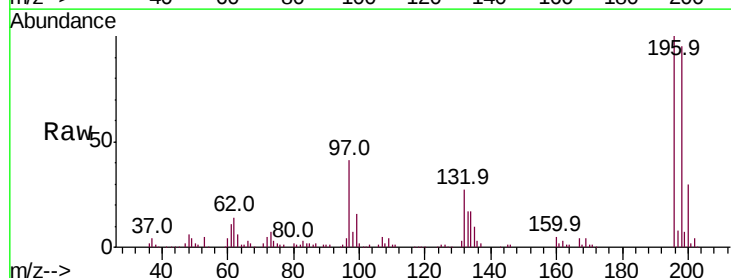
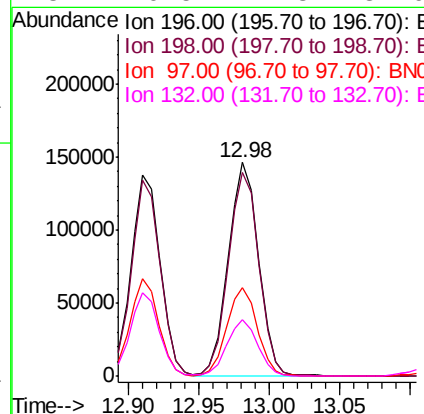
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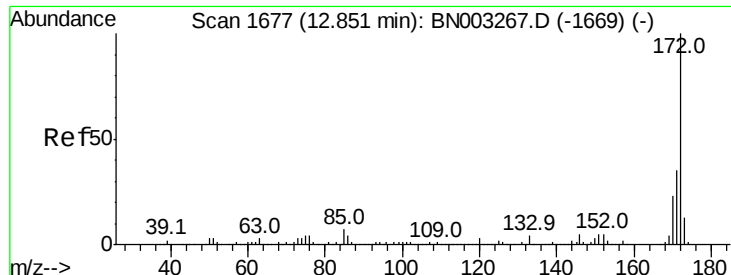
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#44
 2,4,5-Trichlorophenol
 Concen: 39.837 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218548		
198	95.4	76.8	115.2	
97	41.2	35.8	53.8	
132	26.5	21.3	31.9	





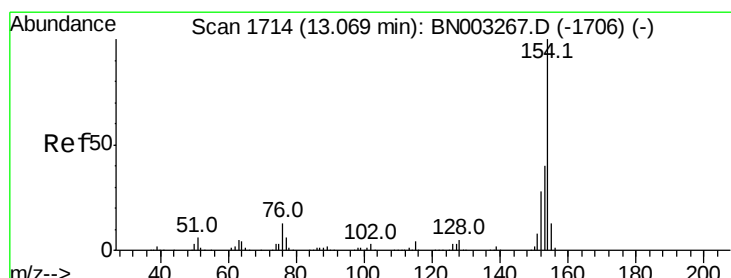
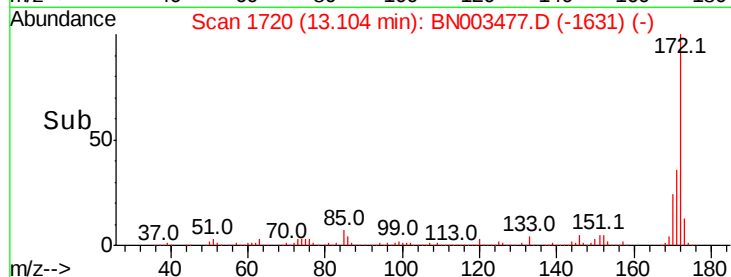
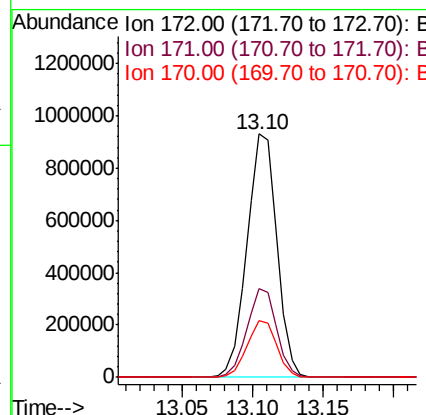
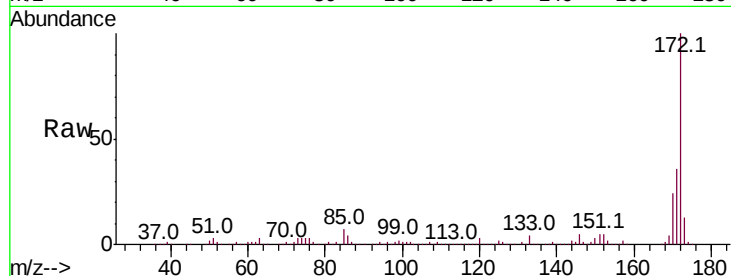
#45
 2-Fluorobiphenyl
 Concen: 74.513 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.2	42.4
170	23.5	18.4	27.6

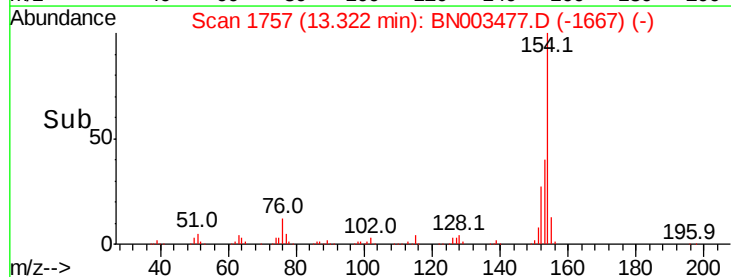
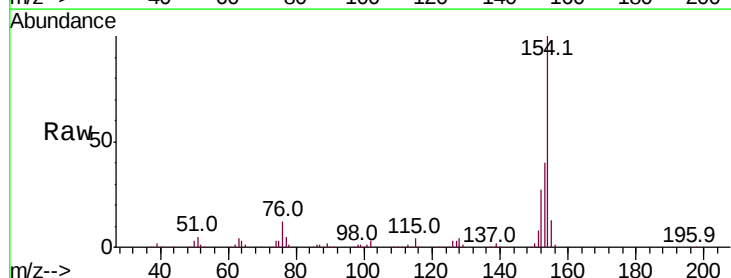
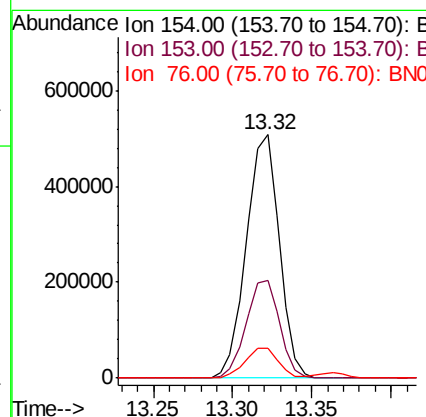
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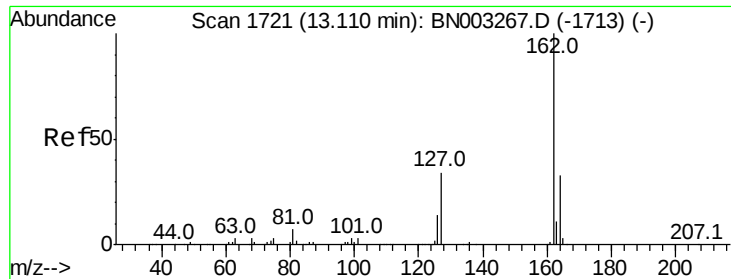
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#46
 1,1'-Biphenyl
 Concen: 33.270 ng
 RT: 13.32 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.5	60.5
76	12.1	0.0	33.3





#47

2-Chloronaphthalene

Concen: 34.771 ng

RT: 13.36 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

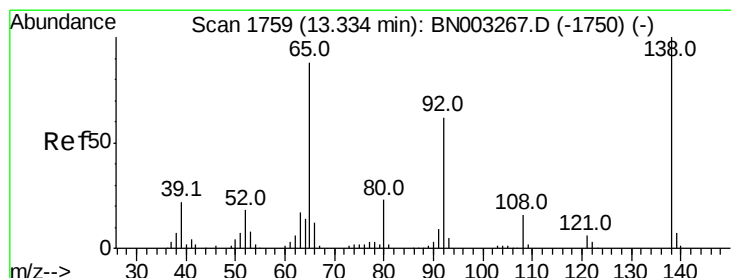
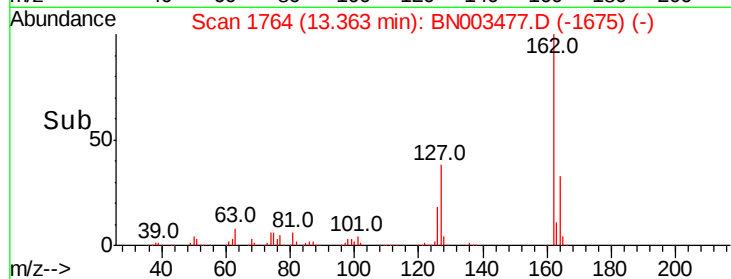
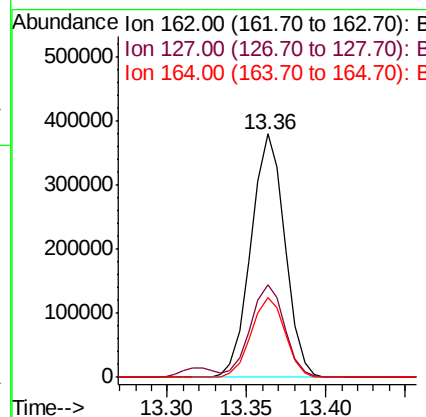
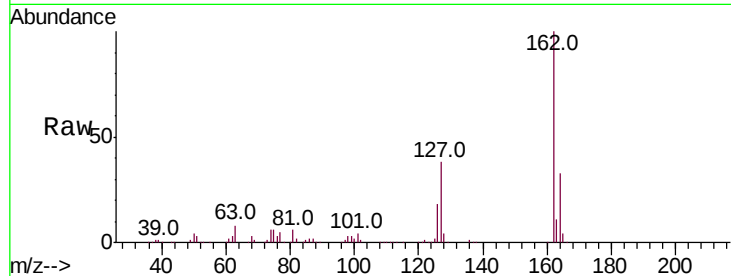
ClientSampleId :

EP2-SB-104(15-17)MS

Tot Ion:	162	Resp:	566457
Ion Ratio	Lower	Upper	
162	100		
127	38.2	29.8	44.6
164	32.9	26.3	39.5

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#48

2-Nitroaniline

Concen: 29.522 ng

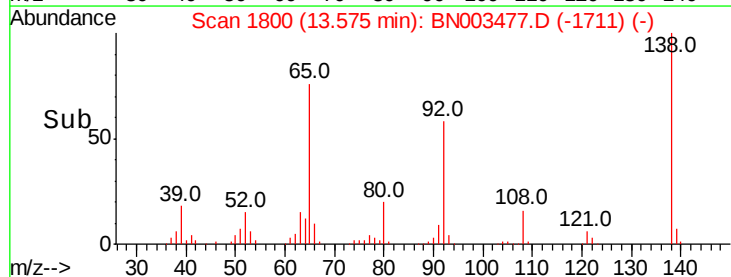
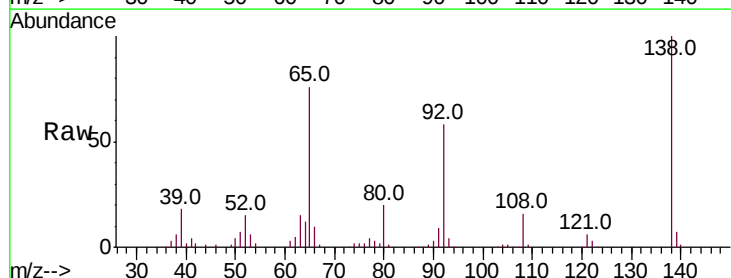
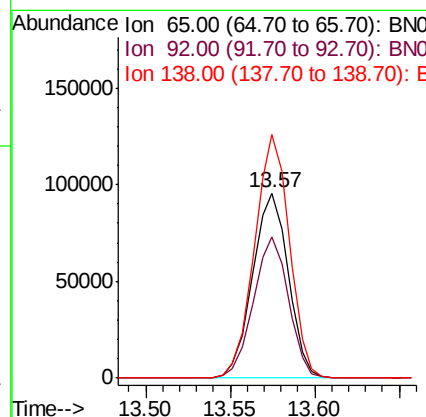
RT: 13.57 min Scan# 1800

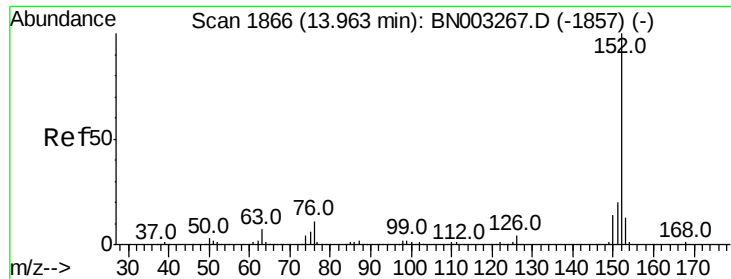
Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Tgt Ion:	65	Resp:	141314
Ion Ratio	Lower	Upper	
65	100		
92	76.3	56.1	84.1
138	131.6	90.6	136.0





#49

Acenaphthylene

Concen: 36.606 ng

RT: 14.21 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

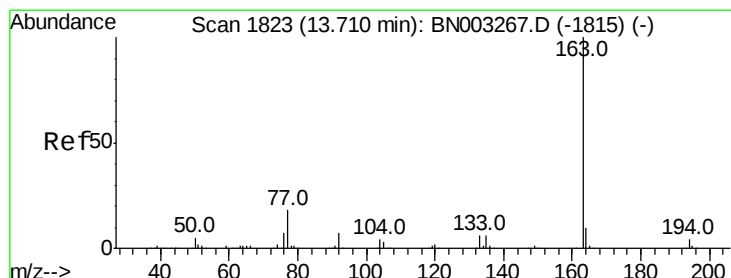
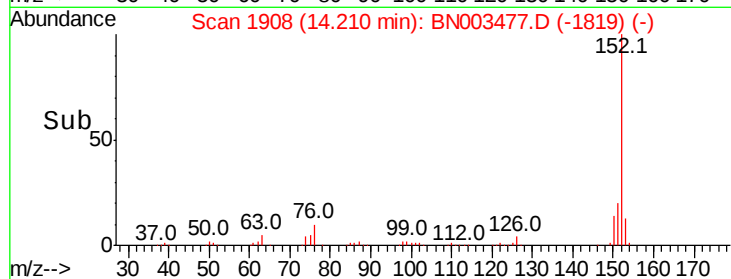
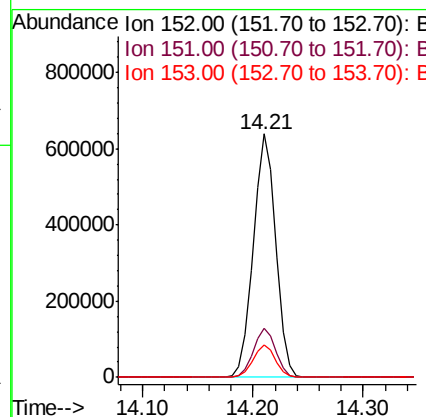
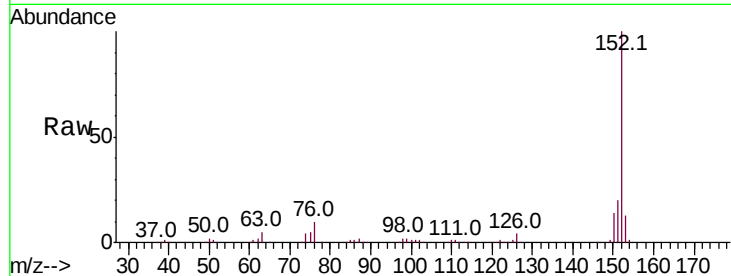
ClientSampleId :

EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.3	10.3	15.5

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#50

Dimethylphthalate

Concen: 42.910 ng

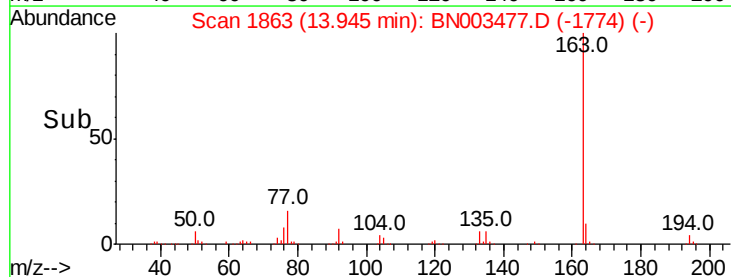
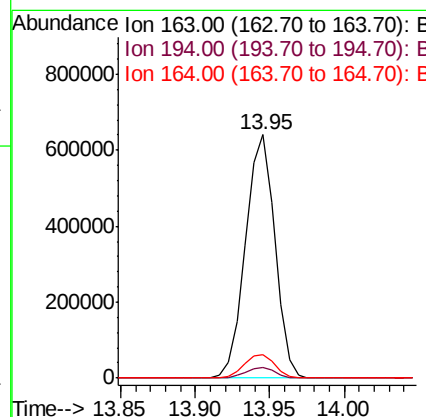
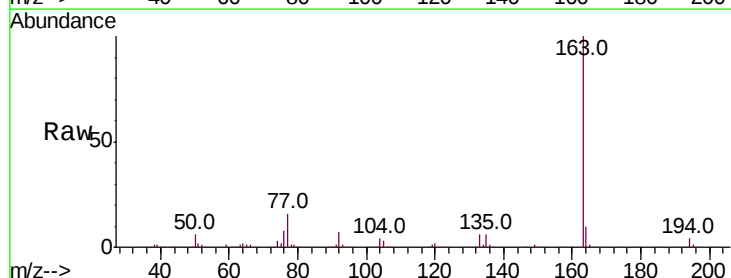
RT: 13.95 min Scan# 1863

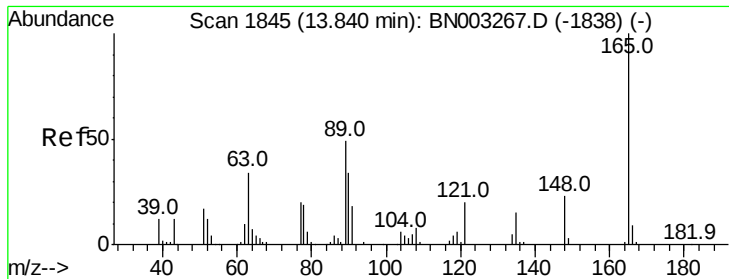
Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.8	7.9	11.9





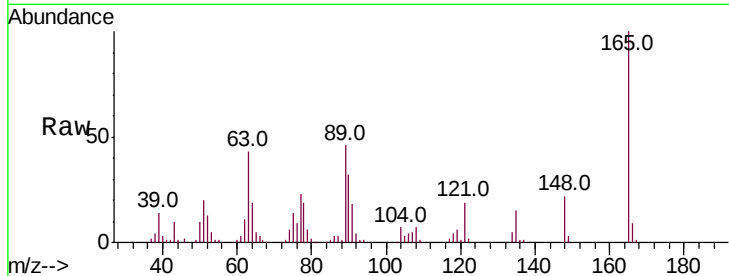
#51
 2,6-Dinitrotoluene
 Concen: 33.812 ng
 RT: 14.07 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MS

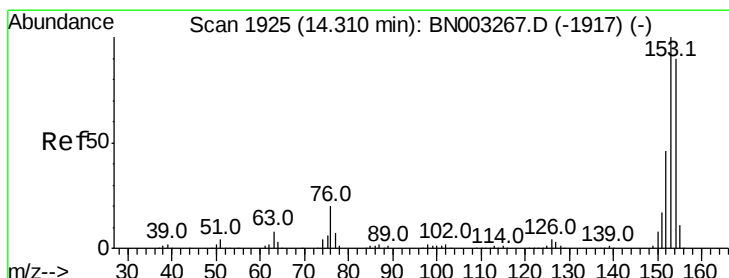
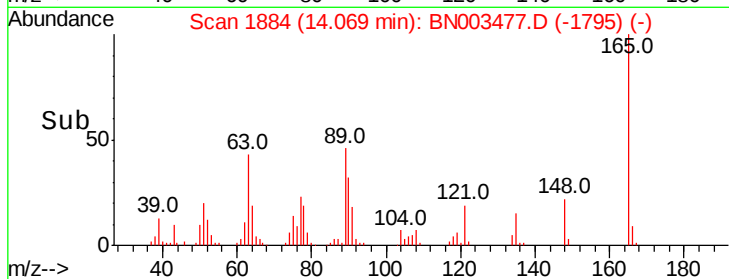
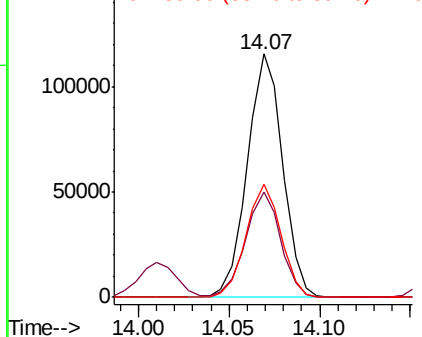
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	39.2	58.8
89	46.4	38.9	58.3

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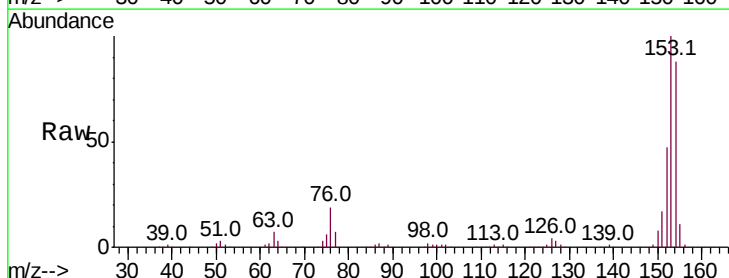


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

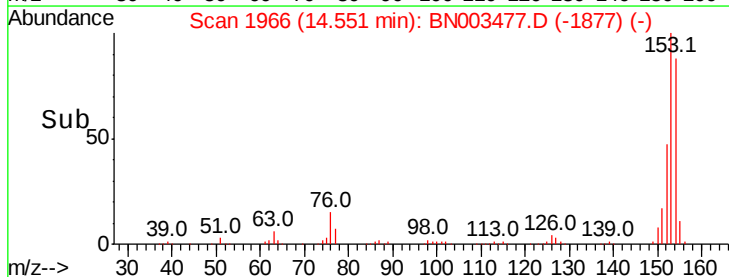
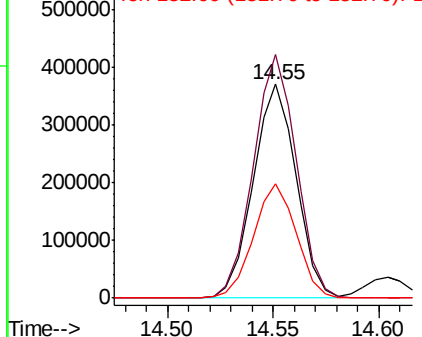


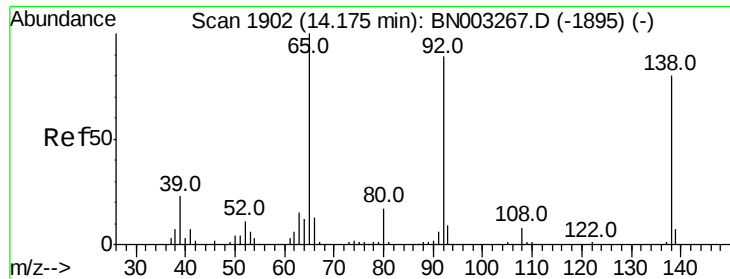
#52
 Acenaphthene
 Concen: 34.775 ng
 RT: 14.55 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.3	133.9
152	53.2	41.2	61.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





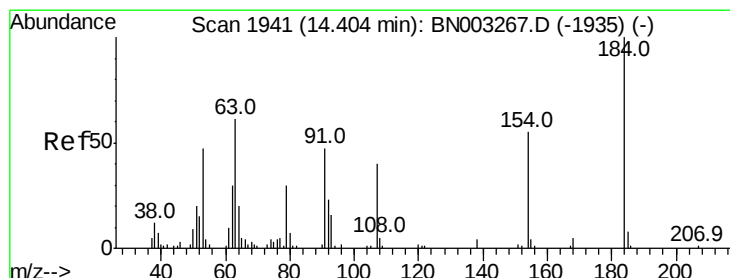
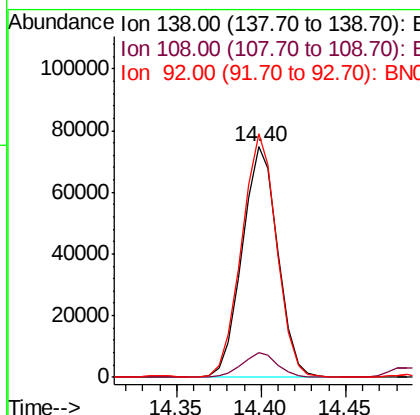
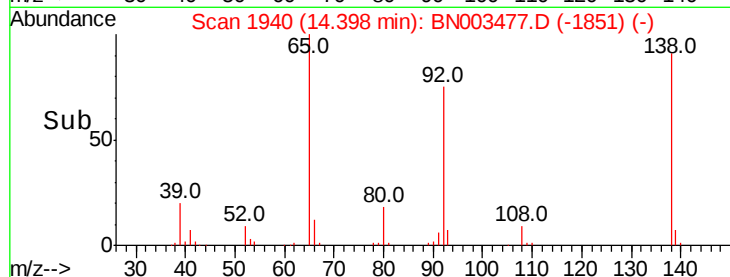
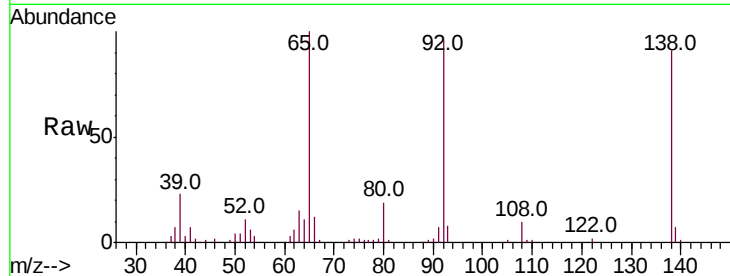
#53
3-Nitroaniline
Concen: 22.147 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.4	12.6
92	105.5	89.6	134.4

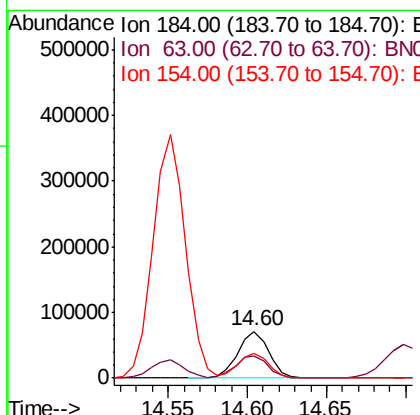
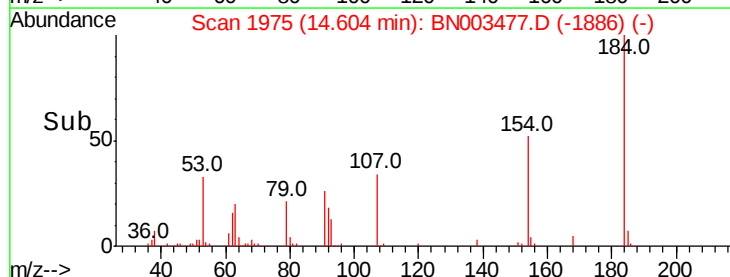
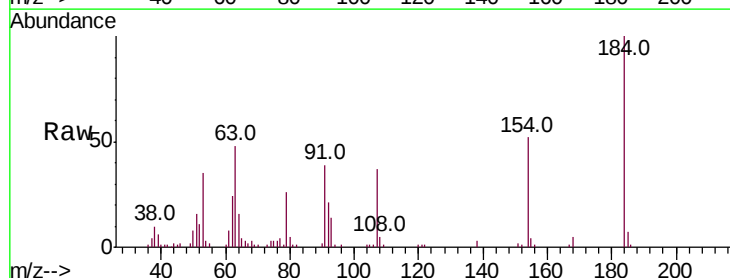
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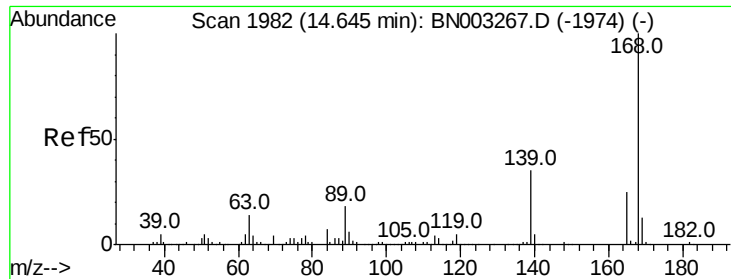
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#54
2,4-Dinitrophenol
Concen: 39.840 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.1	49.0	73.4#
154	51.6	44.2	66.2





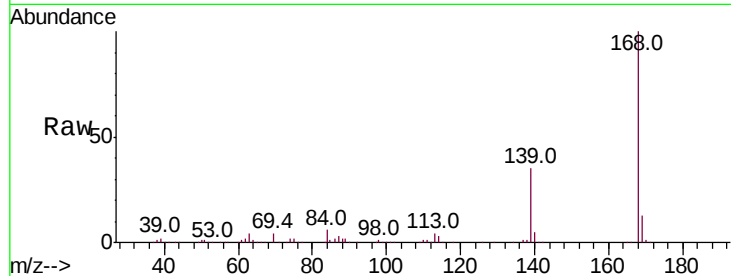
#55
Dibenzenofuran
Concen: 34.297 ng
RT: 14.89 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

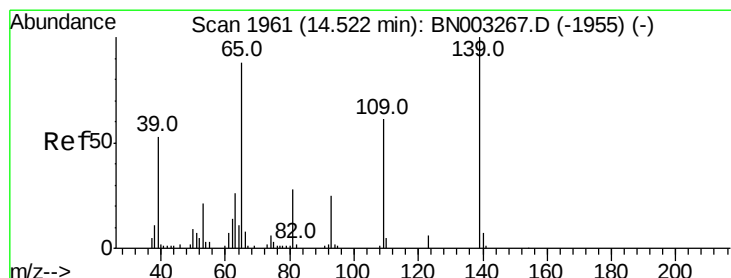
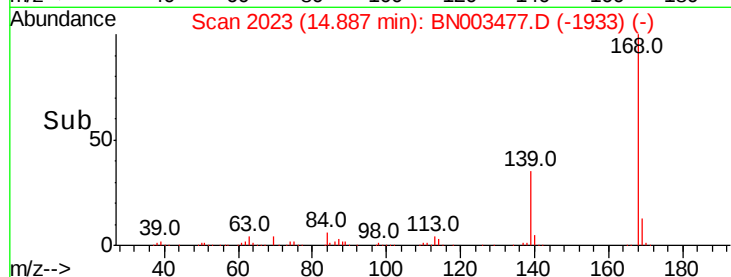
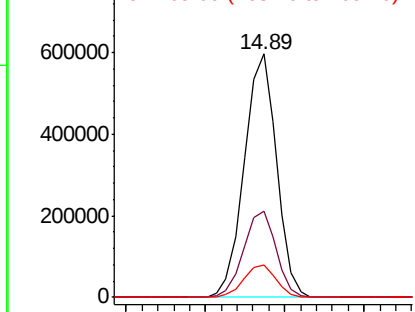
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.5	42.7
169	13.2	10.3	15.5

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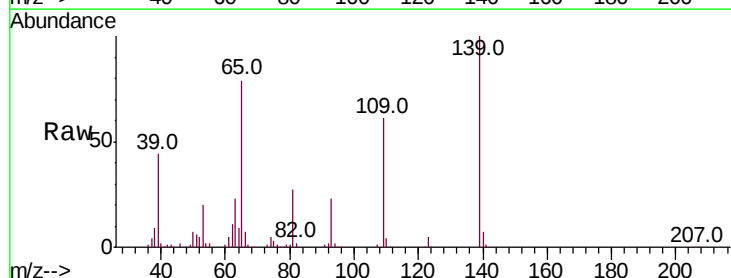


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

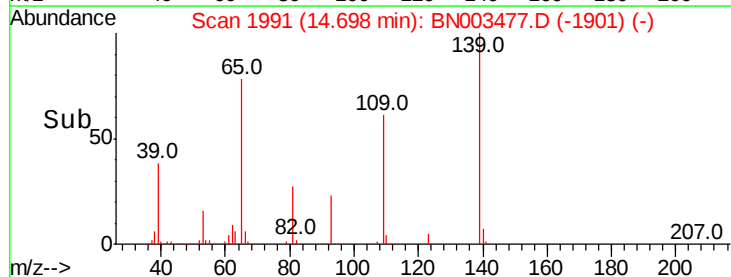
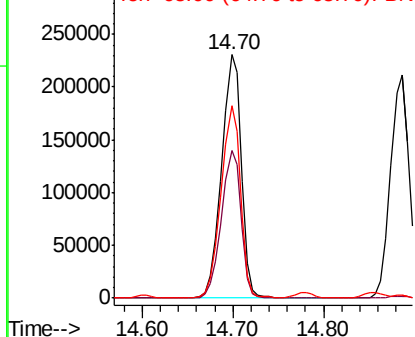


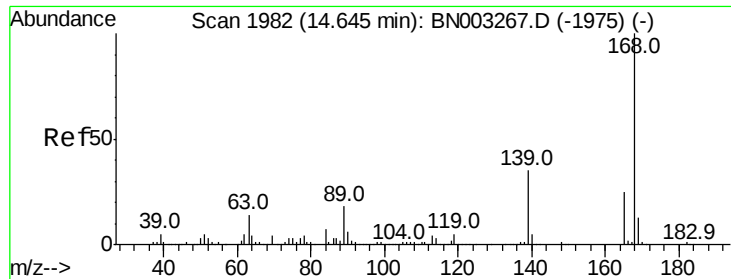
#56
4-Nitrophenol
Concen: 96.088 ng
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.6	40.7	80.7
65	79.0	68.0	108.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BNC





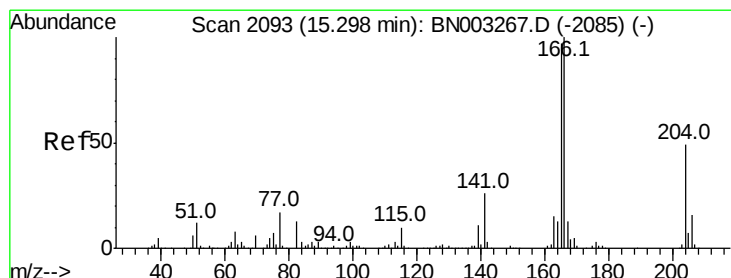
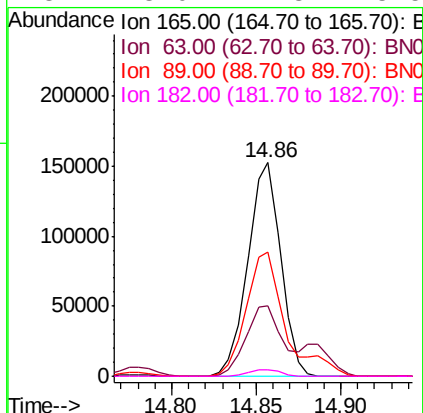
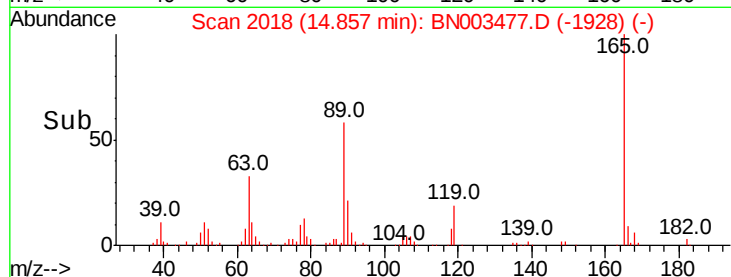
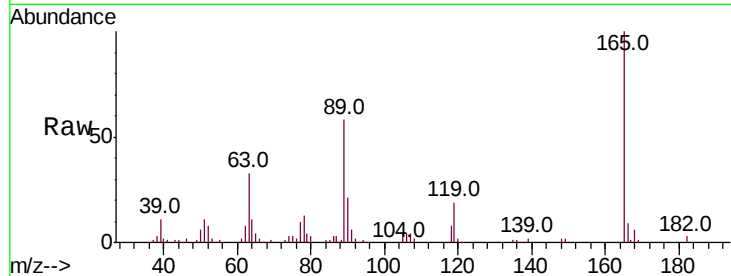
#57
2,4-Dinitrotoluene
Concen: 33.114 ng
RT: 14.86 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	207344		
63	32.8	45.8	68.6#	
89	58.0	58.7	88.1#	
182	3.0	2.3	3.5	

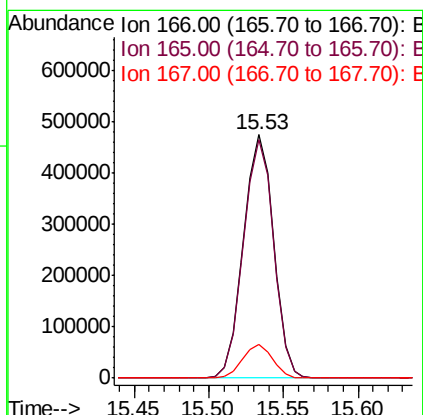
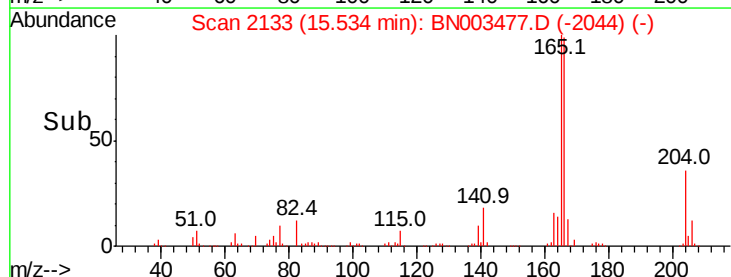
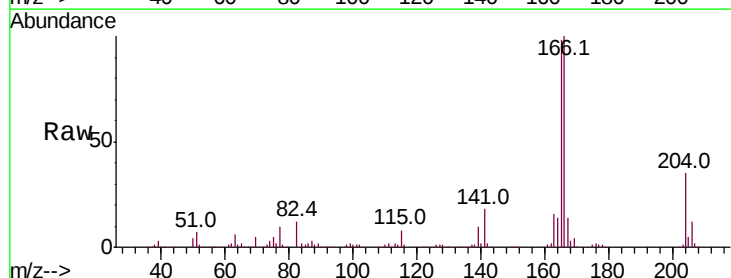
Manual Integrations
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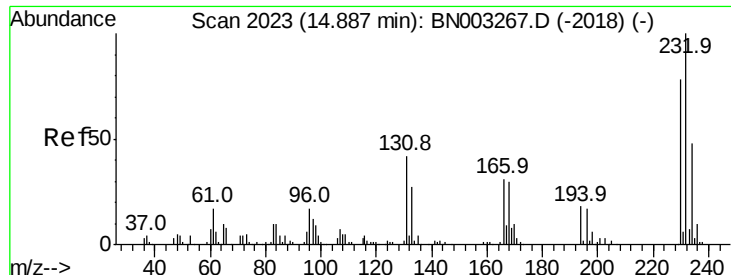
Sohil
11/12/2018 5:07:48 PM



#58
Fluorene
Concen: 35.014 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	664131		
165	98.1	77.6	116.4	
167	13.6	10.6	16.0	





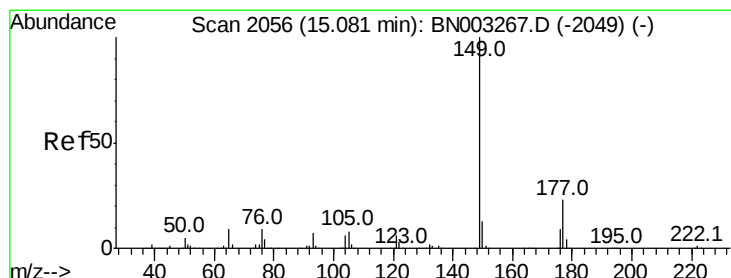
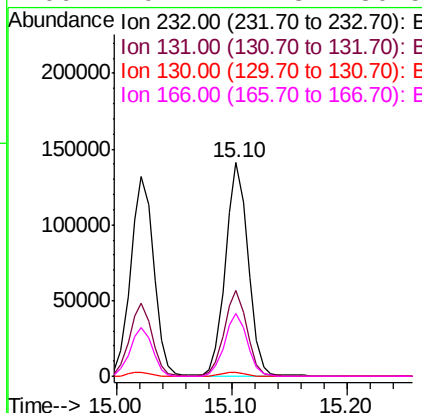
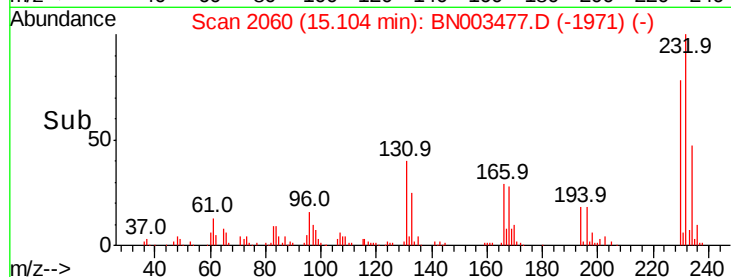
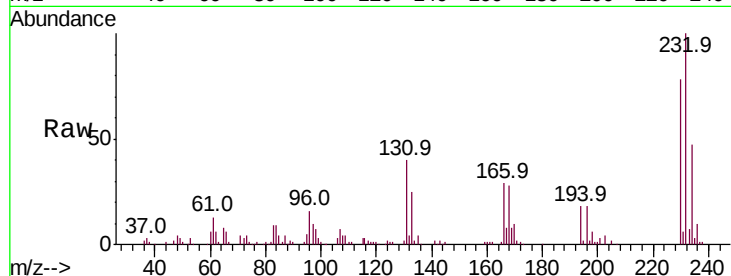
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.993 ng
RT: 15.10 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	39.9	33.7	50.5
130	2.0	1.6	2.4
166	29.2	24.3	36.5

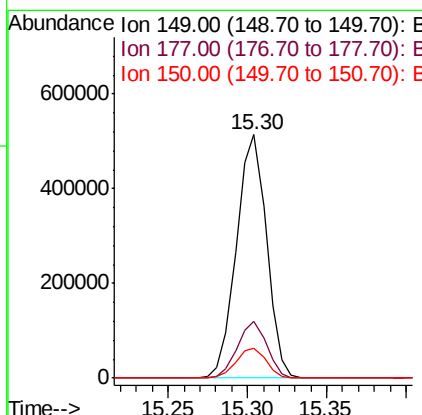
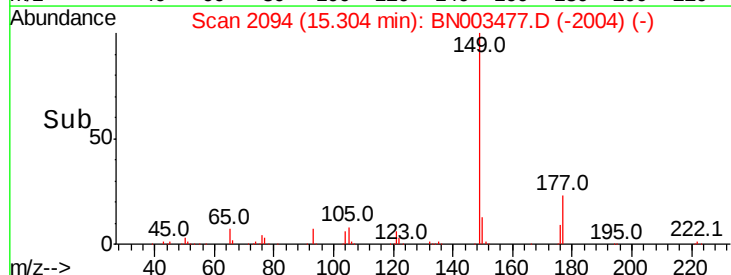
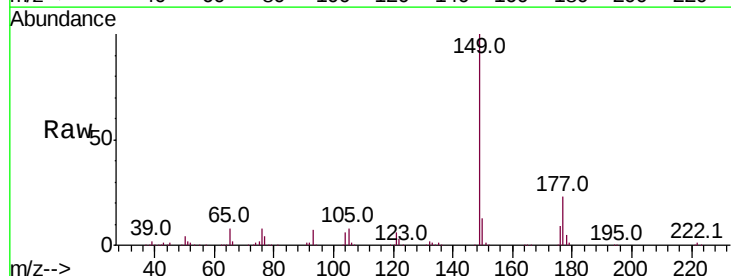
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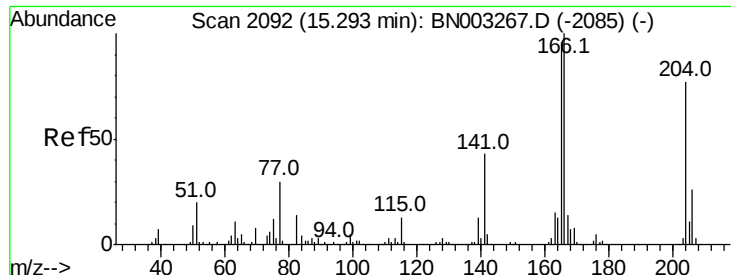
Sohil
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#60
Diethylphthalate
Concen: 32.735 ng
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.4	18.6	28.0
150	12.5	10.0	15.0





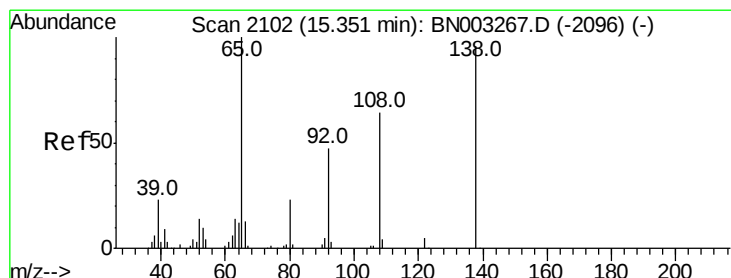
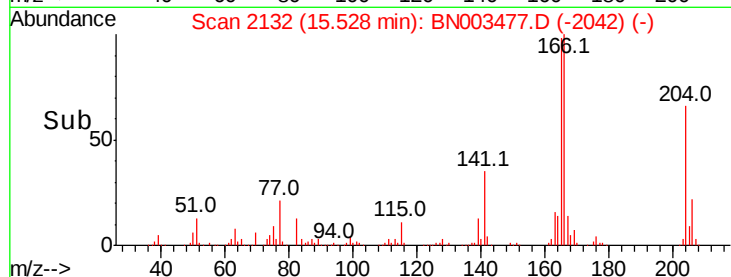
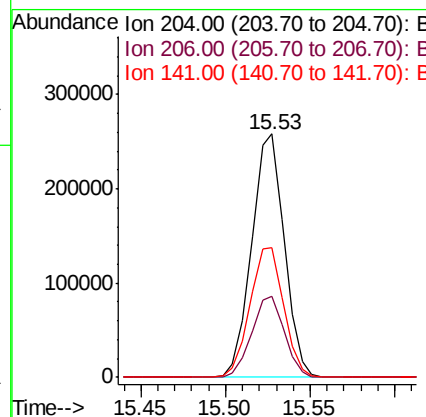
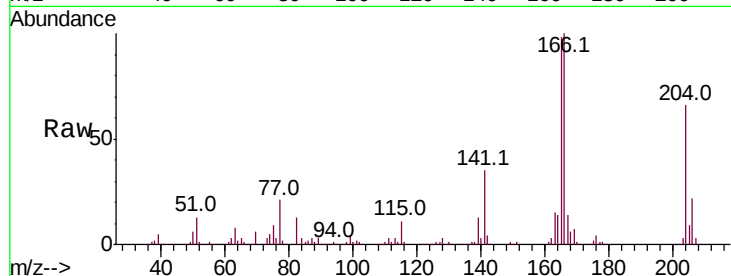
#61
4-Chlorophenyl-phenylether
Concen: 33.108 ng
RT: 15.53 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	53.4	44.6	67.0

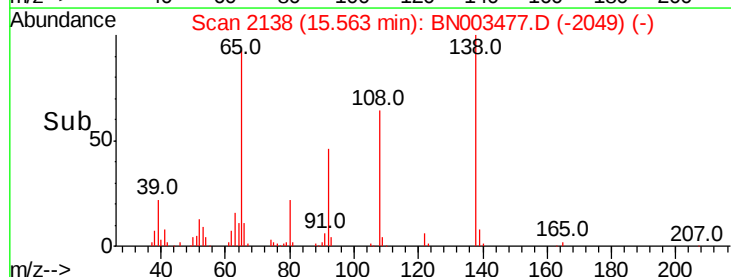
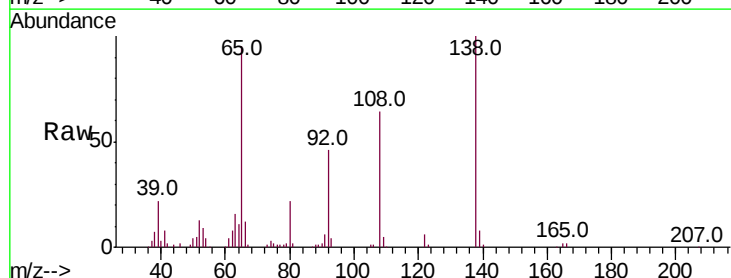
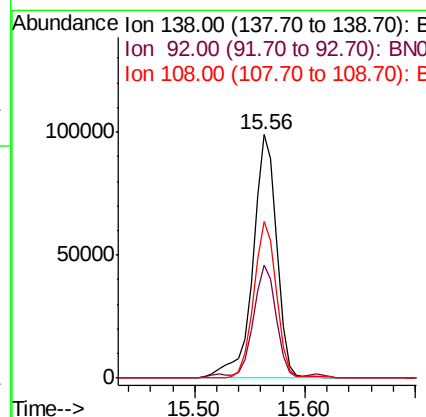
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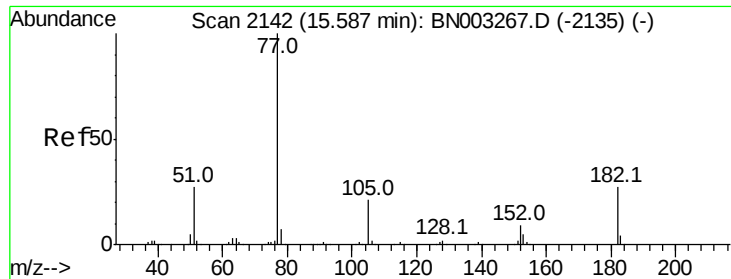
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#62
4-Nitroaniline
Concen: 31.046 ng
RT: 15.56 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	27.9	67.9
108	64.4	46.3	86.3





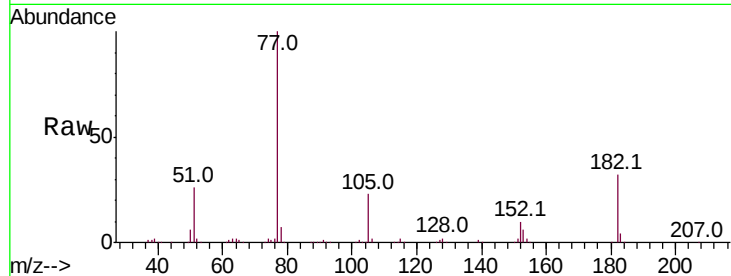
#63
Azobenzene
Concen: 30.390 ng
RT: 15.82 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

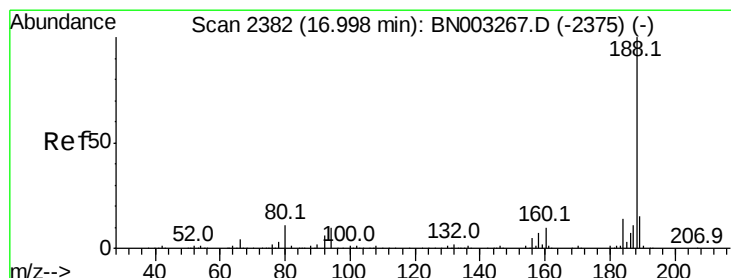
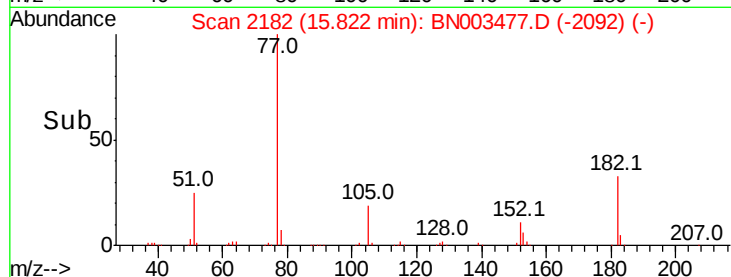
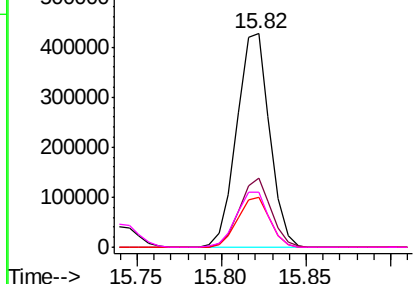
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		579891		
182	32.2	6.5	46.5		
105	23.3	1.0	41.0		
51	25.8	7.0	47.0		

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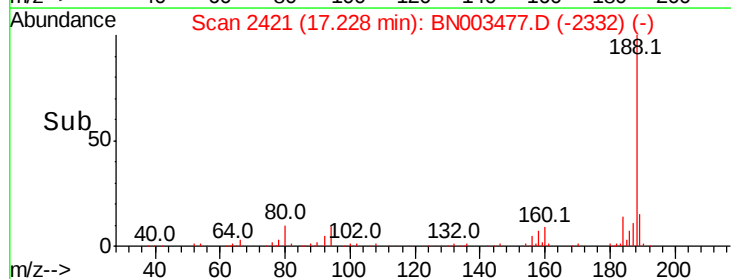
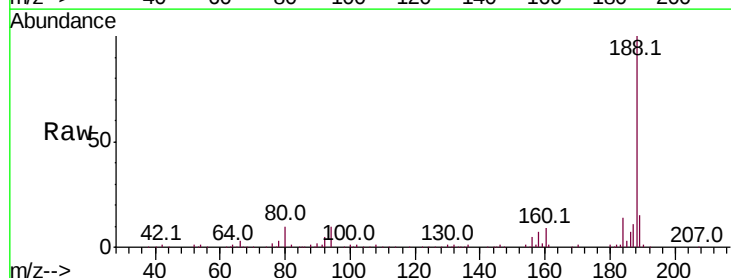
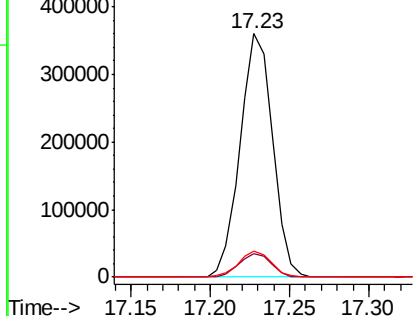
Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 51.00 (50.70 to 51.70): BNC

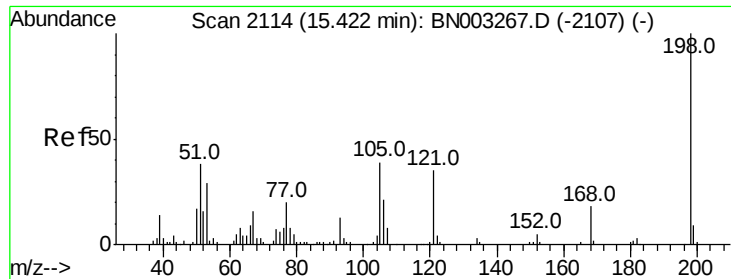


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		513544		
94	9.6	8.1	12.1		
80	10.5	8.6	13.0		

Abundance Ion 188.00 (187.70 to 188.70): BNC
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC





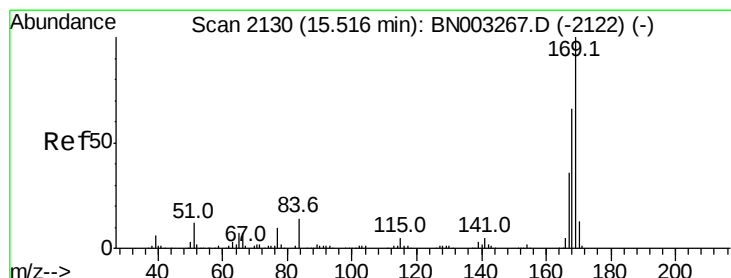
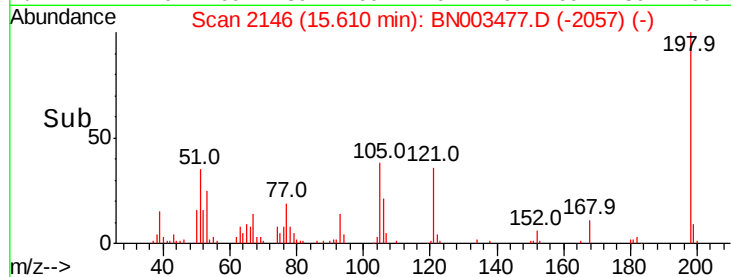
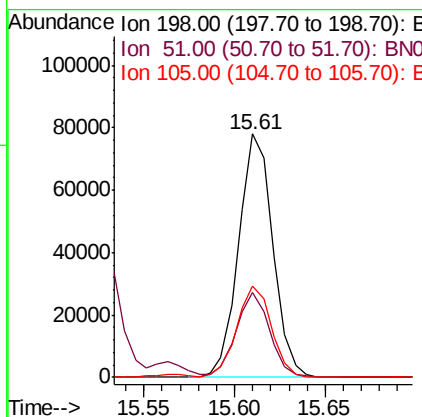
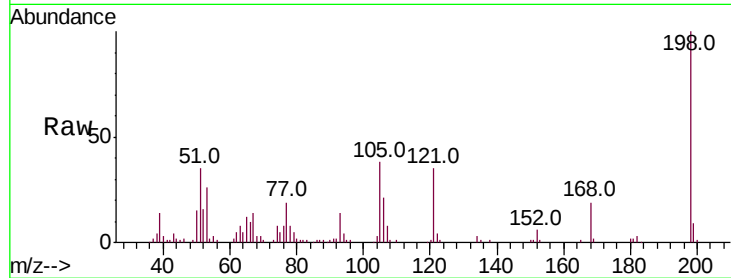
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.539 ng
 RT: 15.61 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	102264		
51	34.7	19.2	59.2	
105	37.6	18.9	58.9	

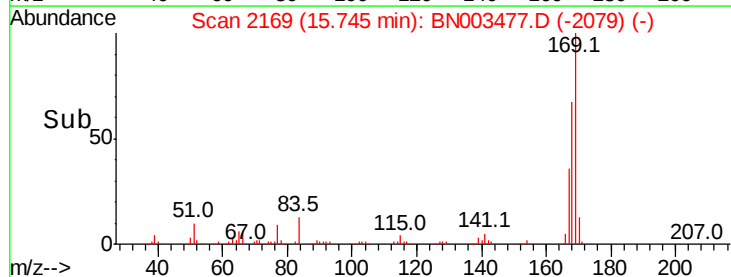
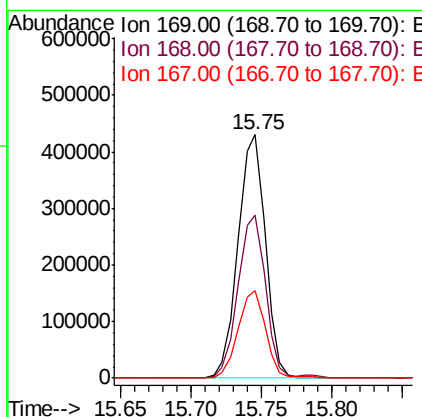
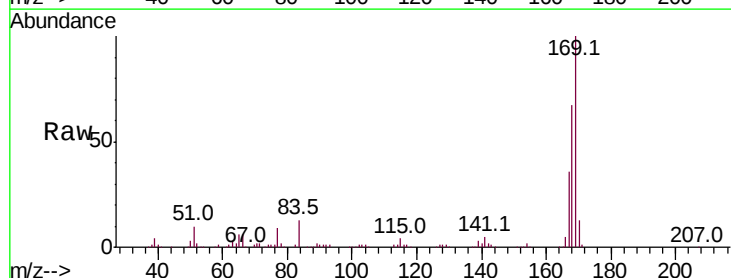
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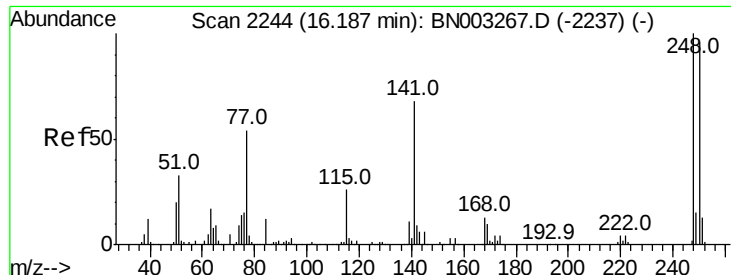
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 11/12/2018 5:07:48 PM



#66
 n-Nitrosodiphenylamine
 Concen: 36.137 ng
 RT: 15.75 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	580965		
168	66.7	53.3	79.9	
167	35.8	28.6	43.0	





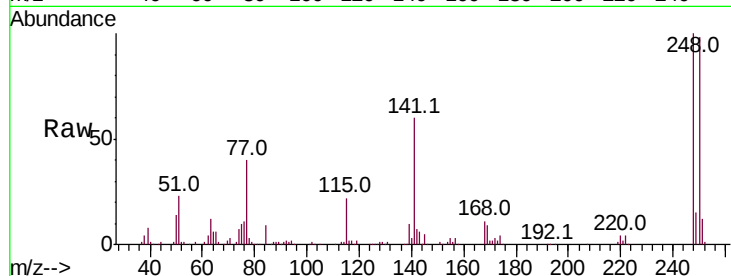
#67
 4-Bromophenyl-phenylether
 Concen: 38.438 ng
 RT: 16.42 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.4	114.6
141	60.2	54.2	81.4

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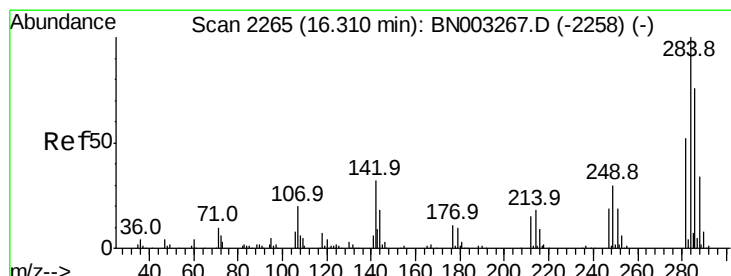
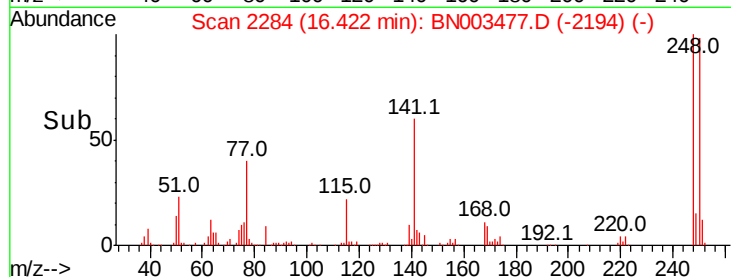
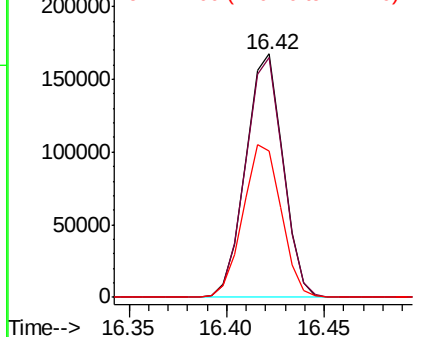


Abundance

Ion 248.00 (247.70 to 248.70): E

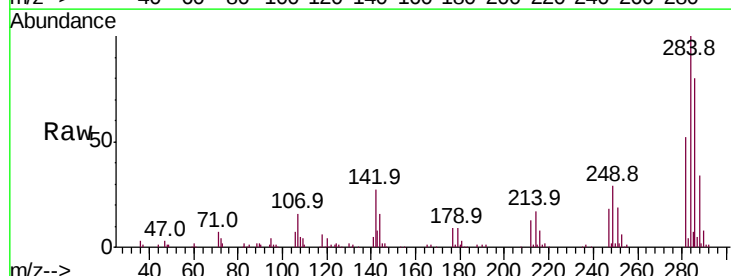
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.370 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	25.6	38.4
249	29.3	23.6	35.4

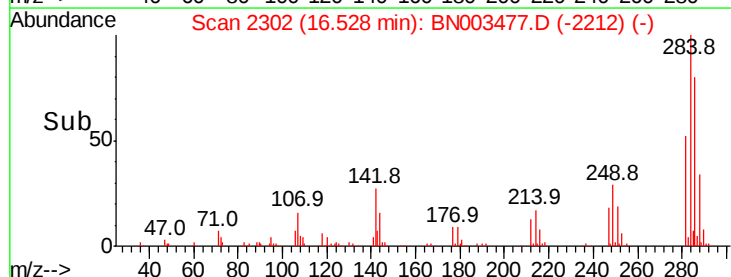
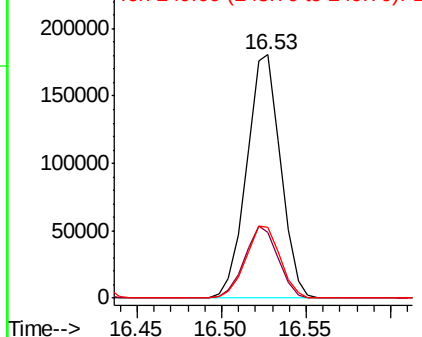


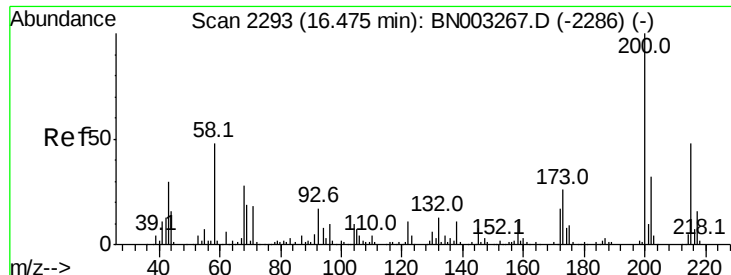
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





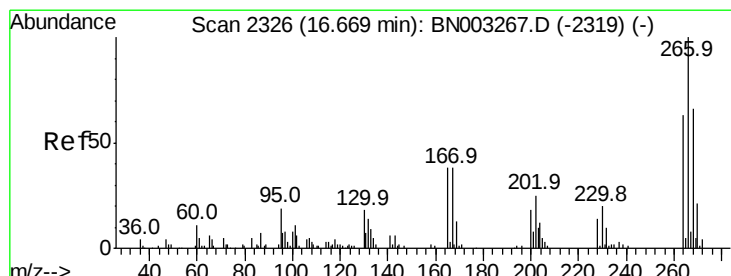
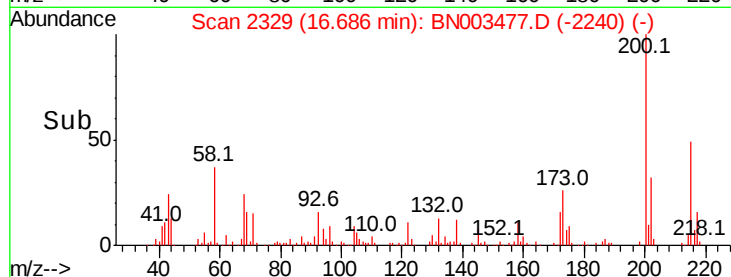
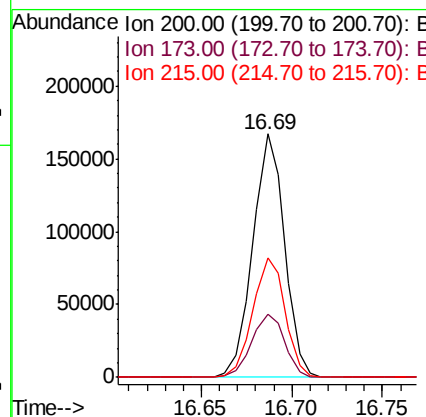
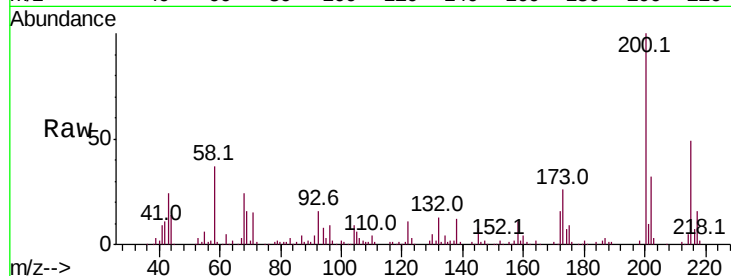
#69
 Atrazine
 Concen: 35.639 ng
 RT: 16.69 min Scan# 2329
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.3	46.3
215	49.1	27.6	67.6

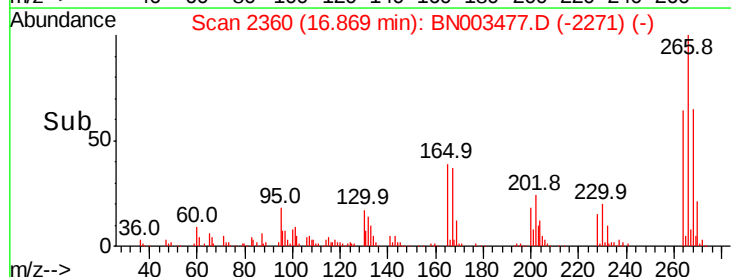
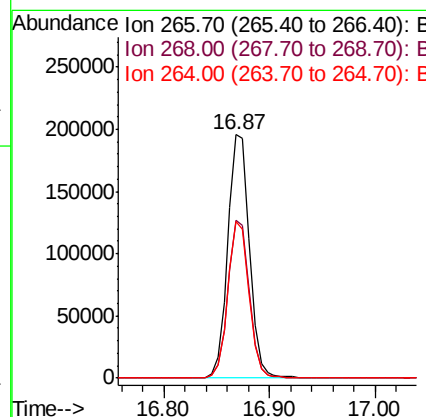
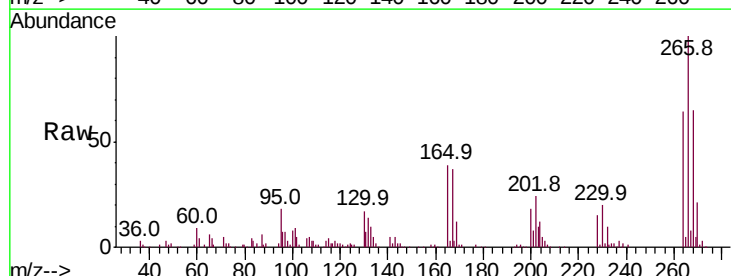
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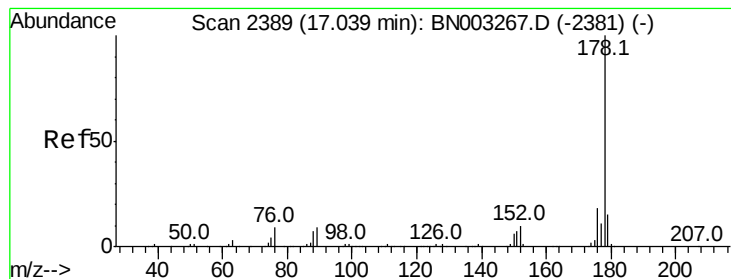
Sohil
 11/12/2018 5:07:48 PM



#70
 Pentachlorophenol
 Concen: 83.141 ng
 RT: 16.87 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	52.5	78.7
264	64.3	50.3	75.5





#71

Phenanthrene

Concen: 36.322 ng

RT: 17.27 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

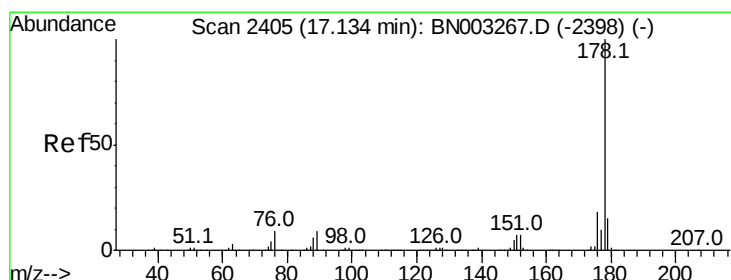
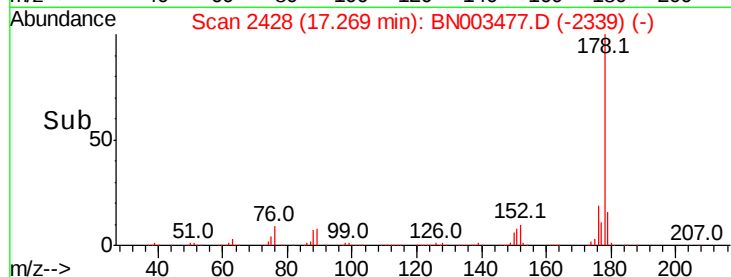
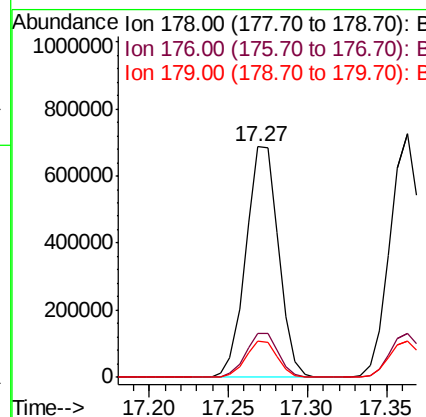
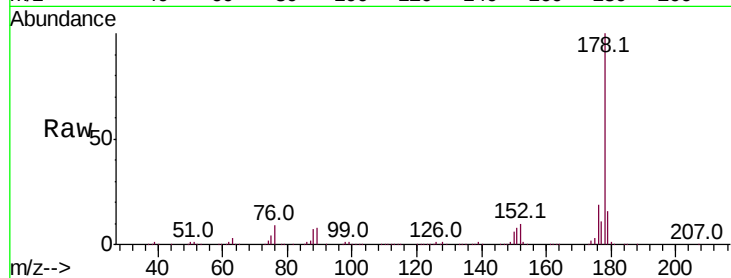
ClientSampleId :

EP2-SB-104(15-17)MS

Tot Ion:178	Resp:	980639
Ion Ratio	Lower	Upper
178	100	
176	19.2	14.4 21.6
179	15.7	12.2 18.4

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#72

Anthracene

Concen: 37.069 ng

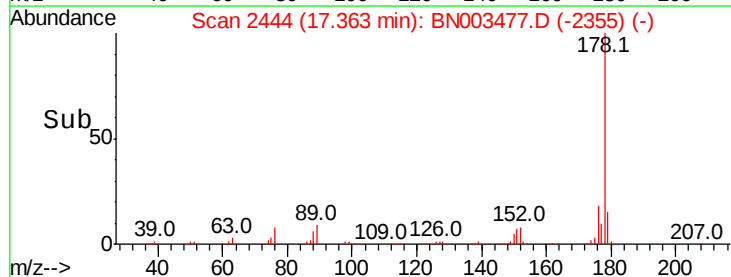
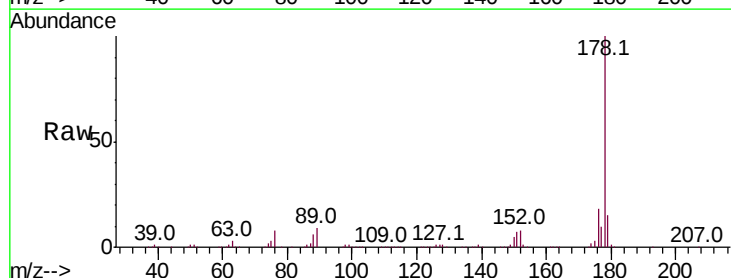
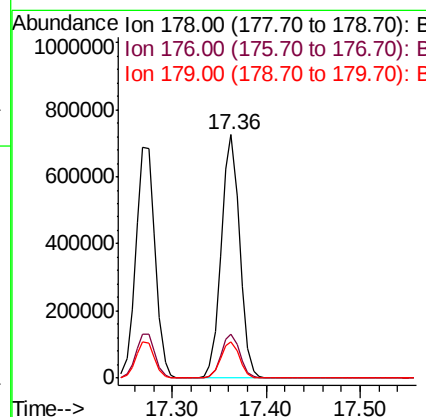
RT: 17.36 min Scan# 2444

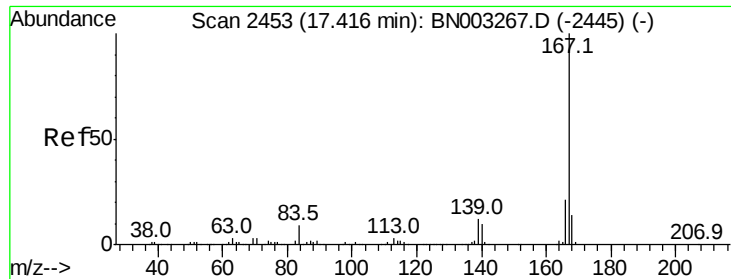
Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Tgt Ion:178	Resp:	998648
Ion Ratio	Lower	Upper
178	100	
176	18.3	14.3 21.5
179	15.1	12.1 18.1





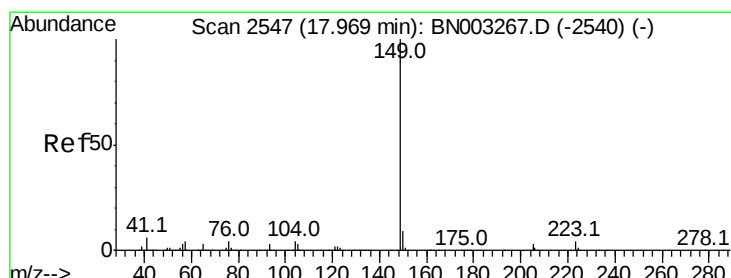
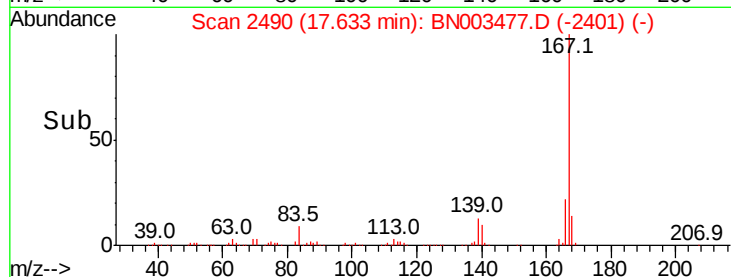
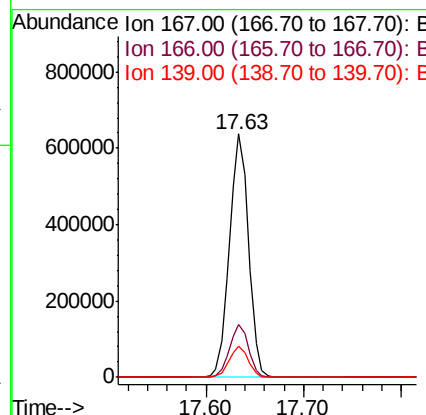
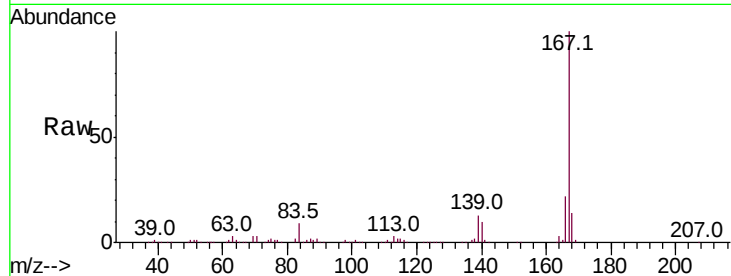
#73
 Carbazole
 Concen: 30.957 ng
 RT: 17.63 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	12.6	9.9	14.9

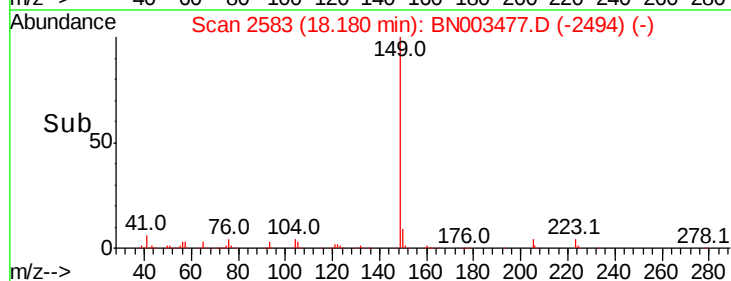
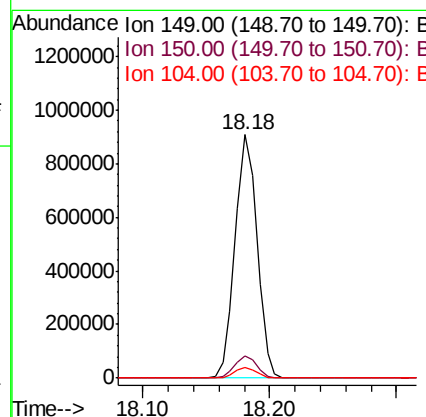
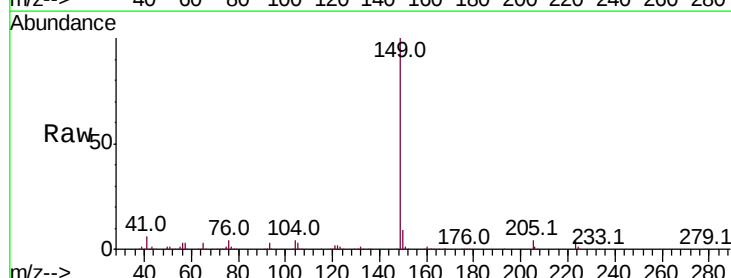
Manual Integrations
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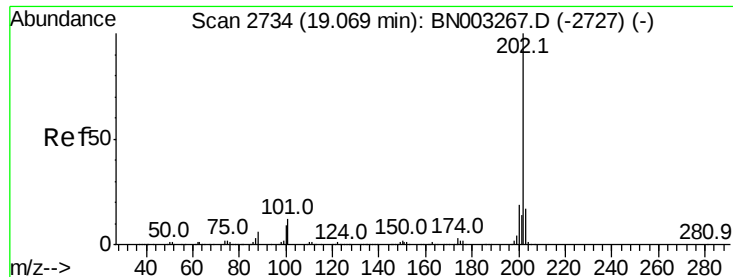
Sohil
 11/12/2018 5:07:48 PM



#74
 Di-n-butylphthalate
 Concen: 33.340 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN003477.D
 Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	4.4	3.6	5.4





#75

Fluoranthene

Concen: 32.271 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

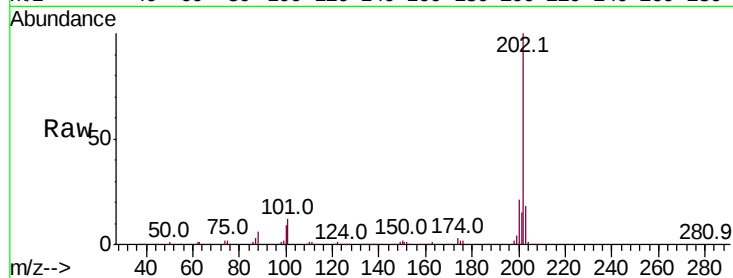
ClientSampleId :

EP2-SB-104(15-17)MS

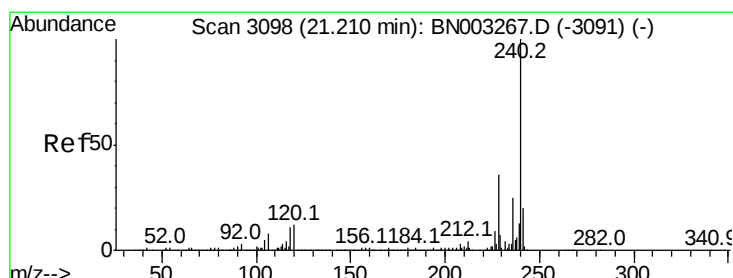
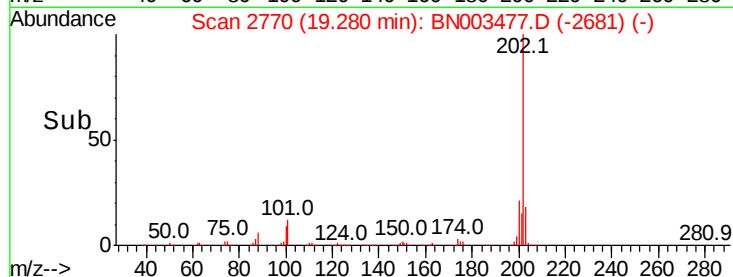
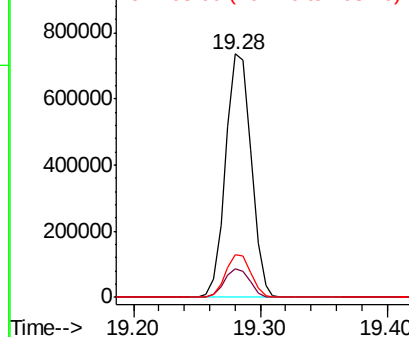
Tot Ion:	202	Resp:	1026466
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	32.3
203	17.7	0.0	37.4

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.41 min Scan# 3132

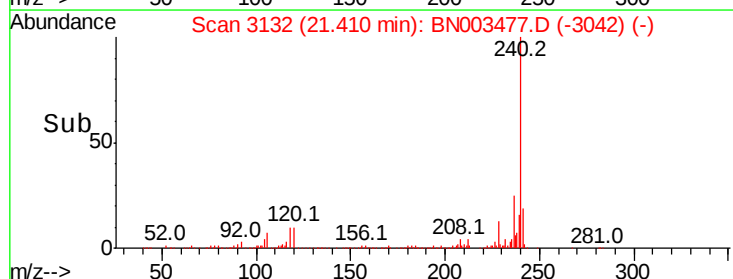
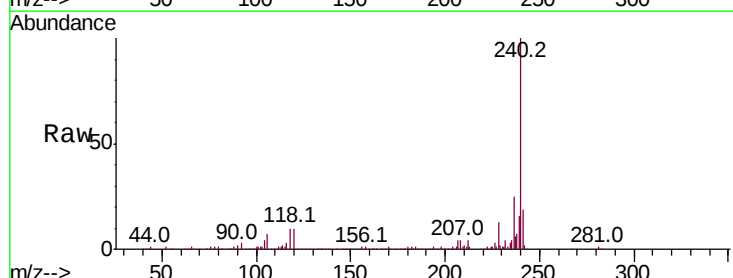
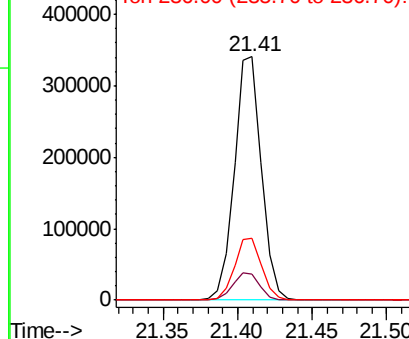
Delta R.T. 0.00 min

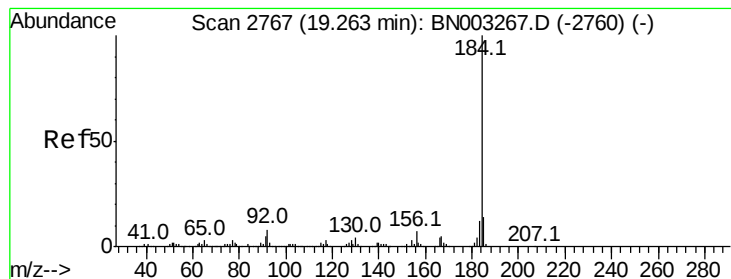
Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Tgt Ion:	240	Resp:	431252
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.4	14.0
236	25.4	20.3	30.5

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





#77

Benzidine

Concen: 34.306 ng

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

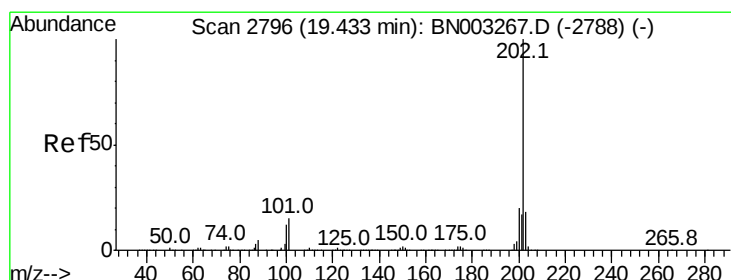
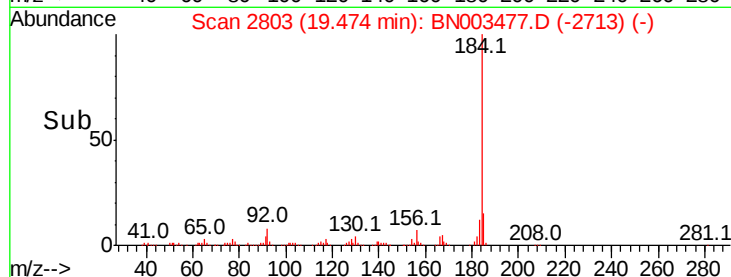
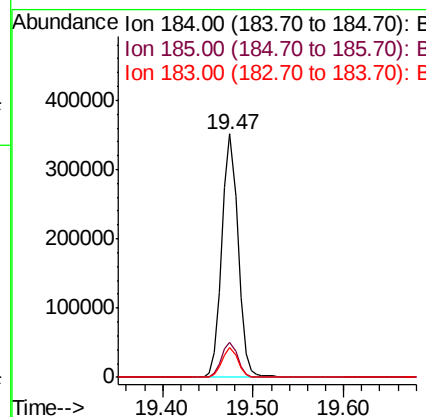
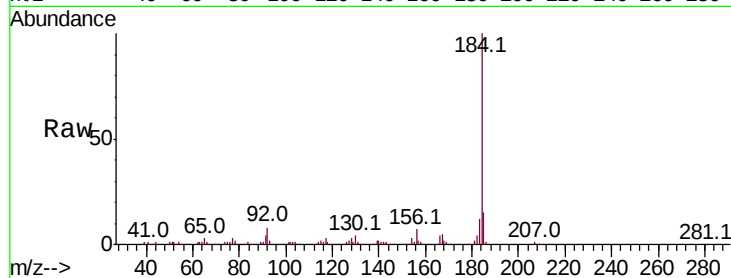
ClientSampleId :

EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.5	17.3
183	12.3	9.4	14.0

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#78

Pyrene

Concen: 40.105 ng

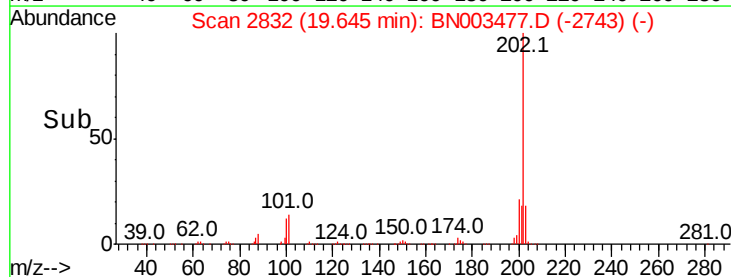
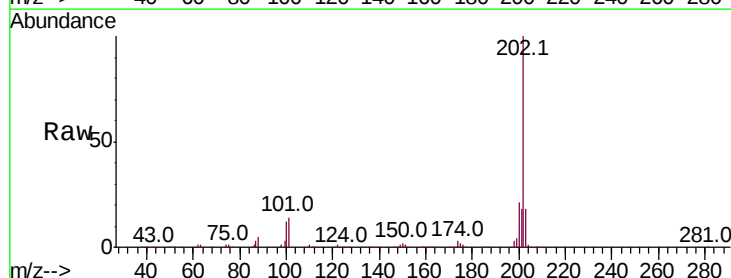
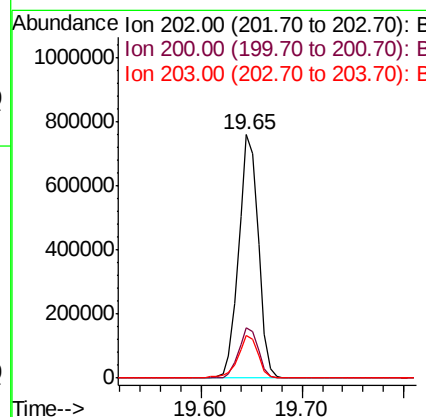
RT: 19.65 min Scan# 2832

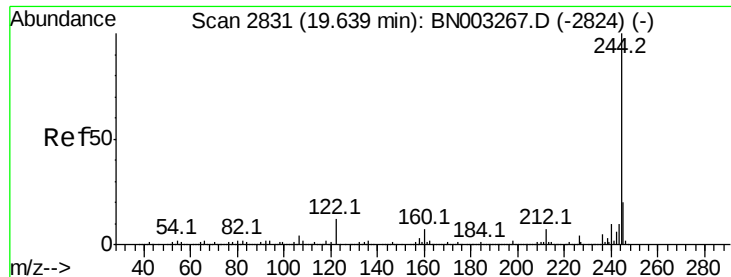
Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.2	24.4
203	17.6	14.3	21.5





#79

Terphenyl-d14

Concen: 81.211 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MS

Tot Ion:244 Resp: 1637680

Ion Ratio Lower Upper

244 100

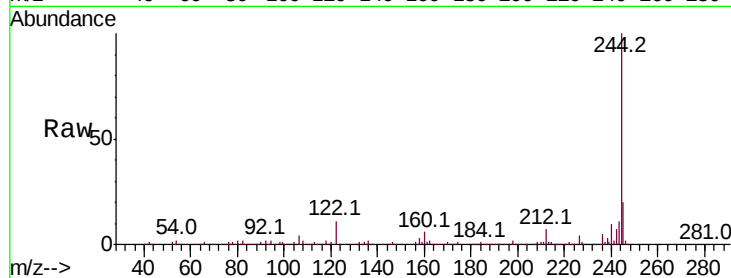
212 6.6 5.4 8.0

122 10.7 9.4 14.2

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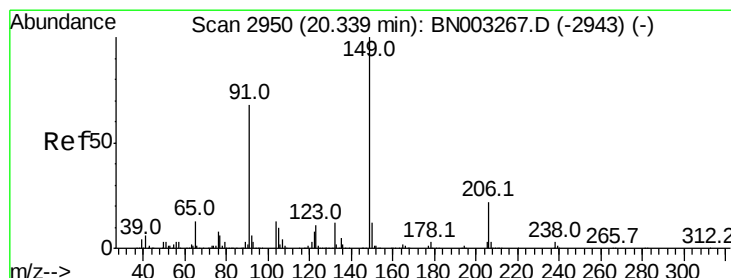
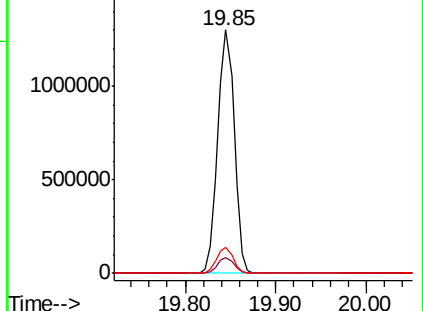
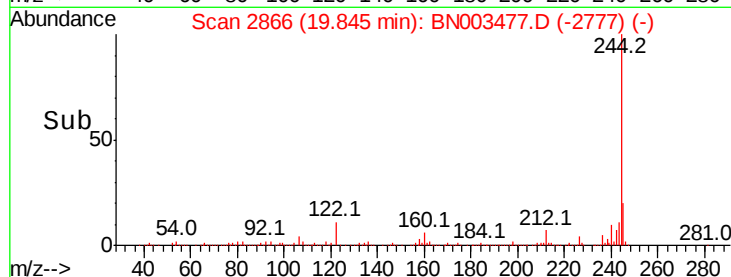
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.936 ng

RT: 20.54 min Scan# 2984

Delta R.T. 0.00 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

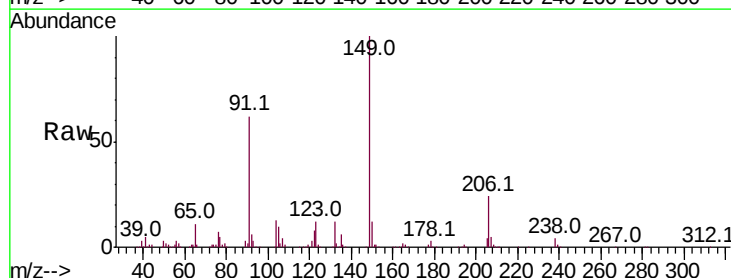
Tgt Ion:149 Resp: 422934

Ion Ratio Lower Upper

149 100

91 61.7 54.6 81.8

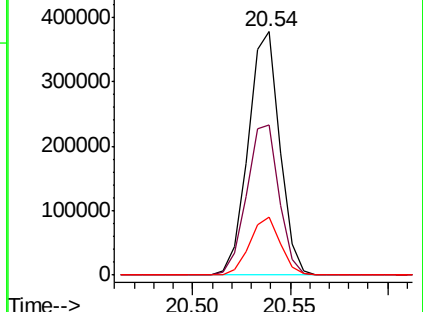
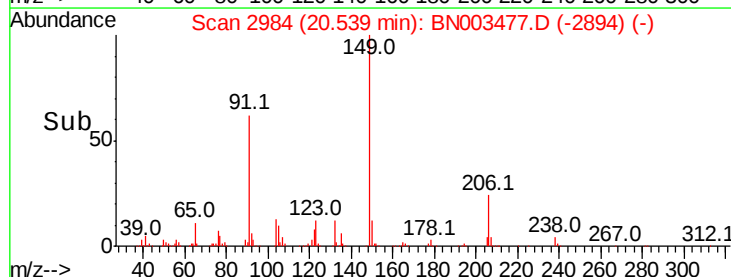
206 23.9 17.8 26.6

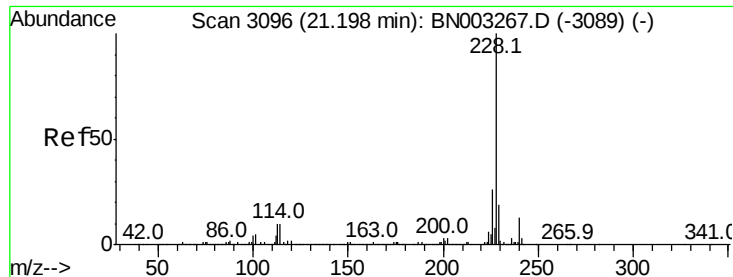


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.720 ng

RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

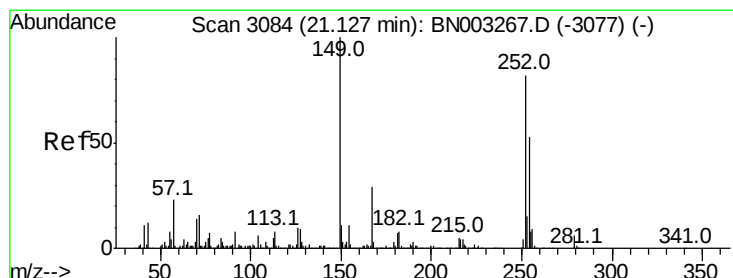
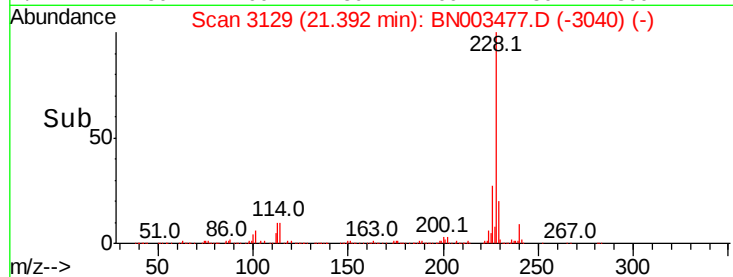
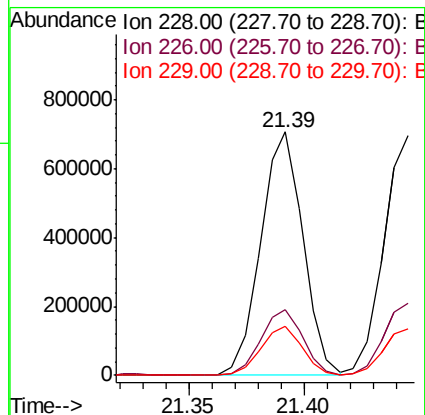
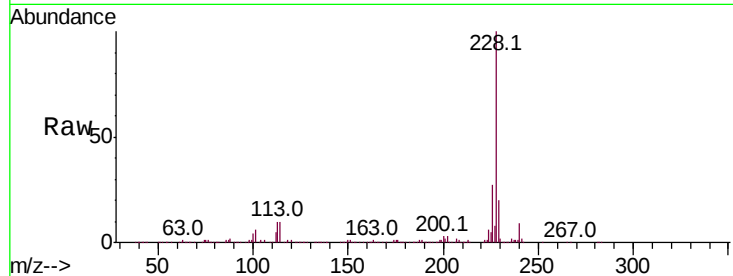
ClientSampleId :

EP2-SB-104(15-17)MS

Tot Ion:	228	Resp:	897091
Ion Ratio	Lower	Upper	
228	100		
226	27.0	20.8	31.2
229	20.0	15.3	22.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 28.065 ng

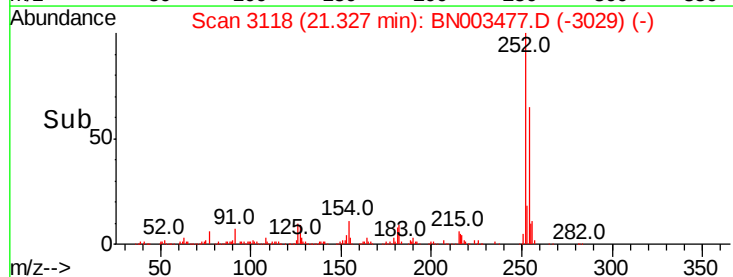
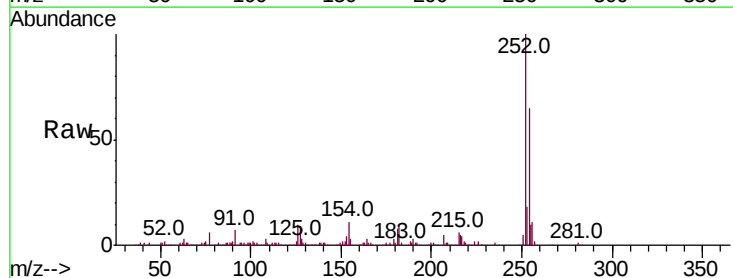
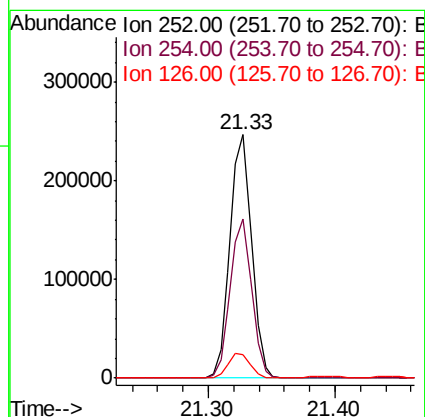
RT: 21.33 min Scan# 3118

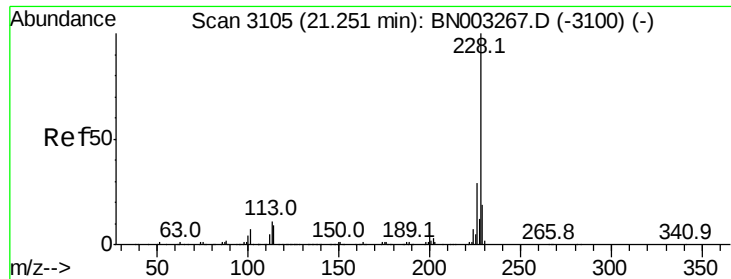
Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Tgt Ion:	252	Resp:	291678
Ion Ratio	Lower	Upper	
252	100		
254	65.3	51.1	76.7
126	9.8	9.3	13.9





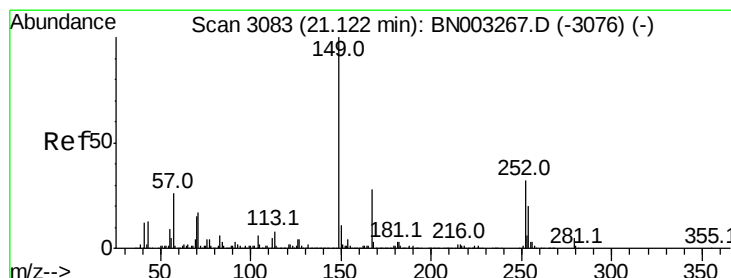
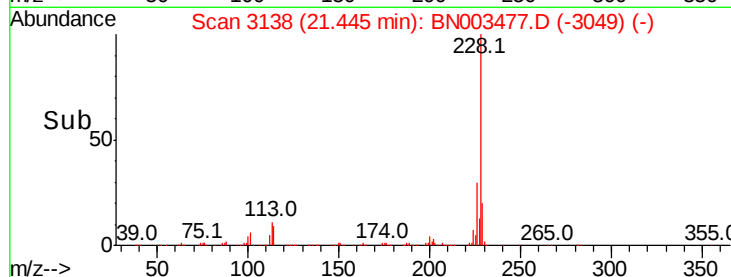
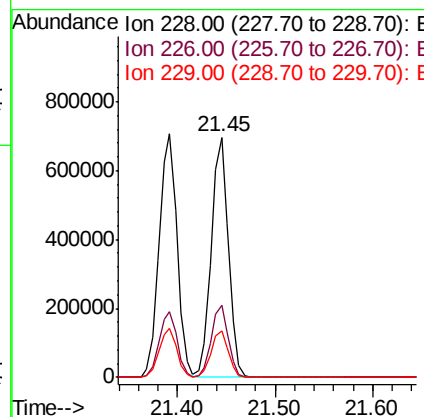
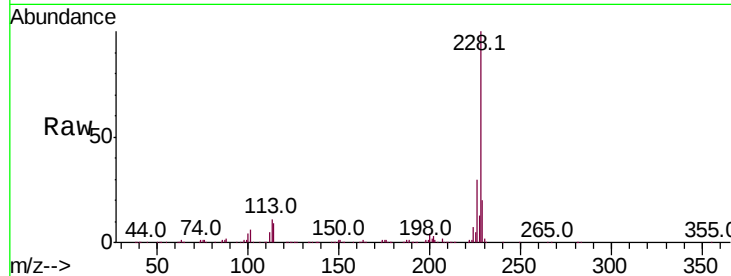
#83
Chrysene
Concen: 35.010 ng
RT: 21.45 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.3	34.9
229	19.6	15.3	22.9

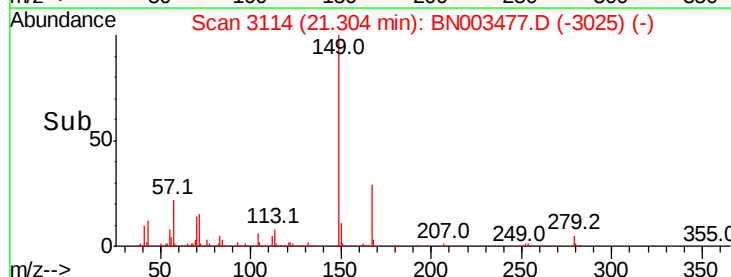
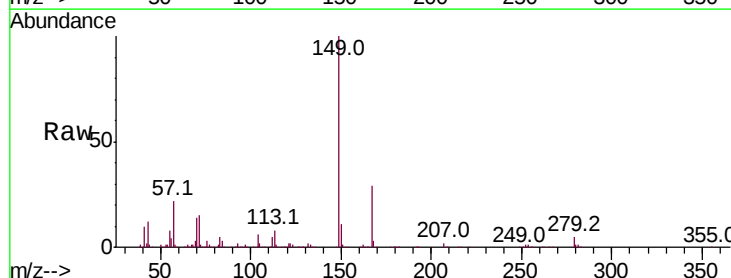
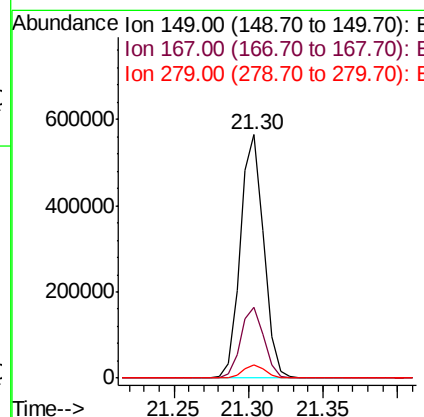
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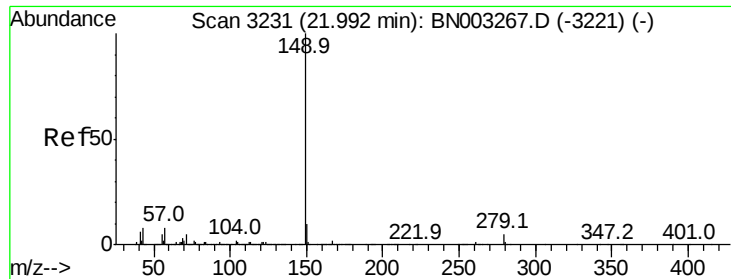
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 35.489 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.6	33.8
279	5.5	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 31.743 ng

RT: 22.20 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

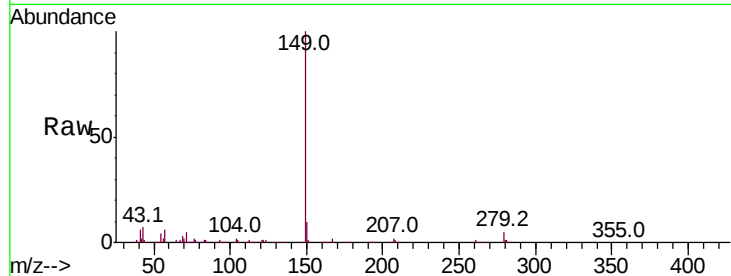
ClientSampleId :

EP2-SB-104(15-17)MS

Tot Ion:	149	Resp:	950697
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.7	6.9	10.3

Manual Integrations
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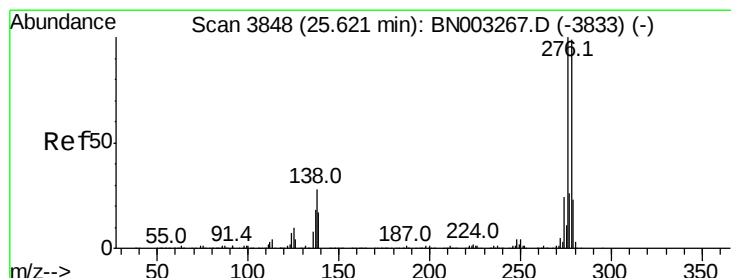
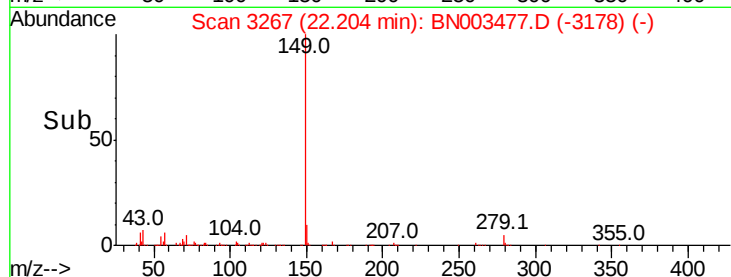
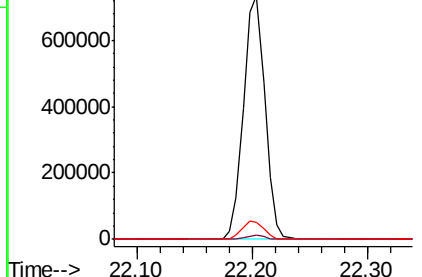
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.207 ng

RT: 26.08 min Scan# 3926

Delta R.T. -0.01 min

Lab File: BN003477.D

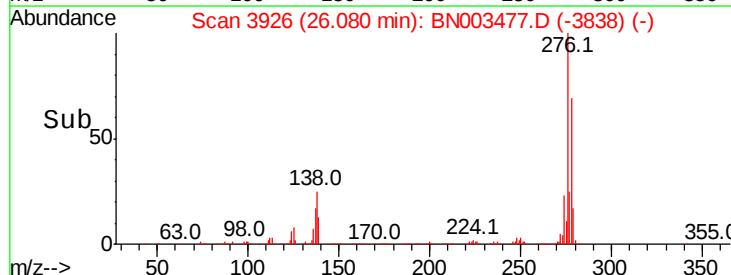
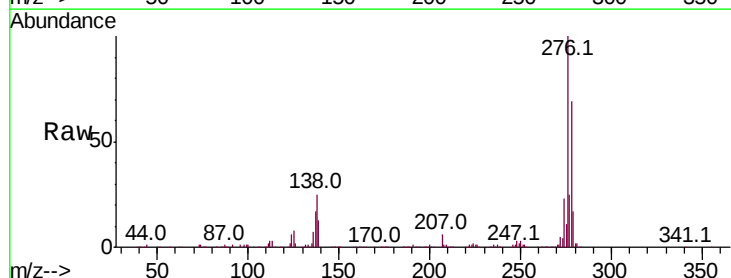
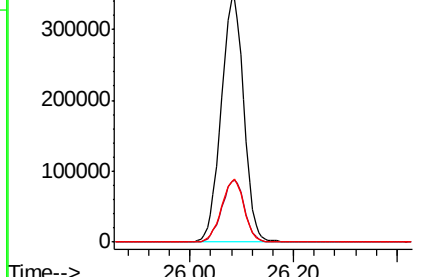
Acq: 09 Nov 2018 18:11

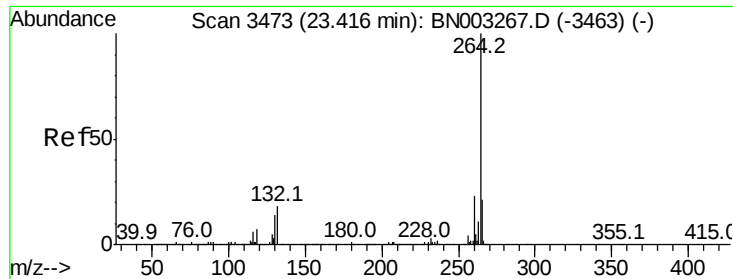
Tgt Ion:	276	Resp:	1057125
Ion Ratio	Lower	Upper	
276	100		
138	25.4	21.2	31.8
277	25.4	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





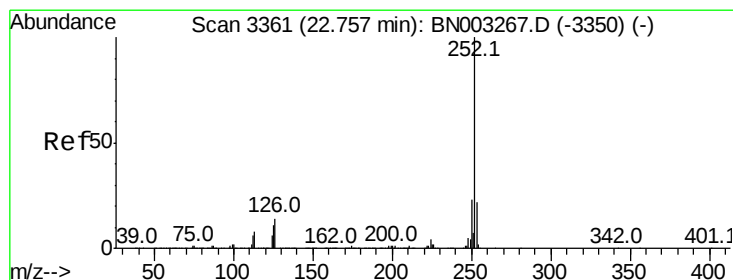
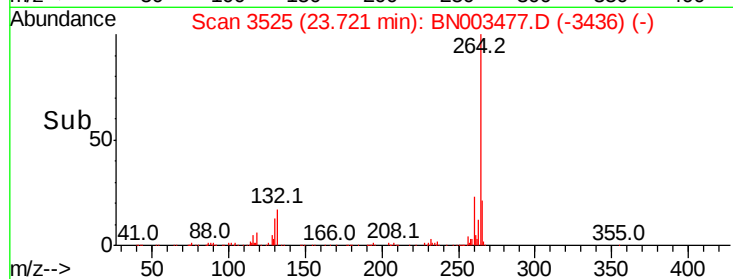
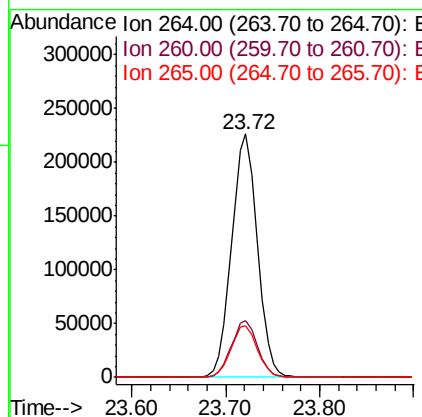
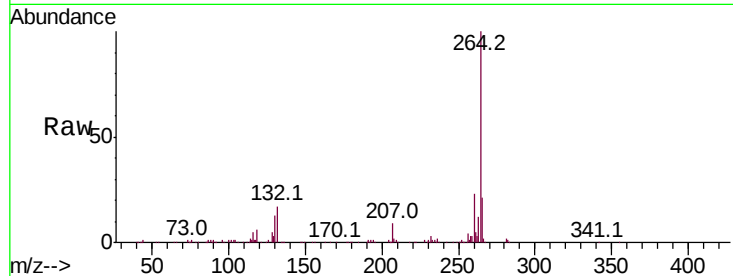
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.4	16.6	25.0

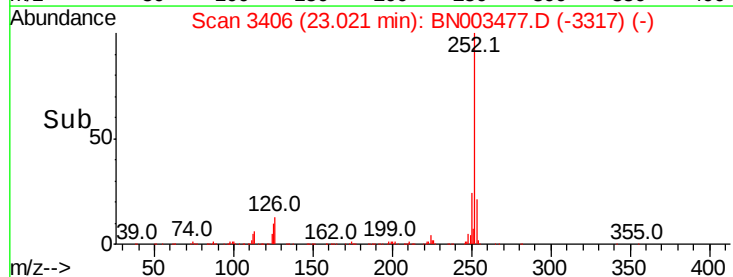
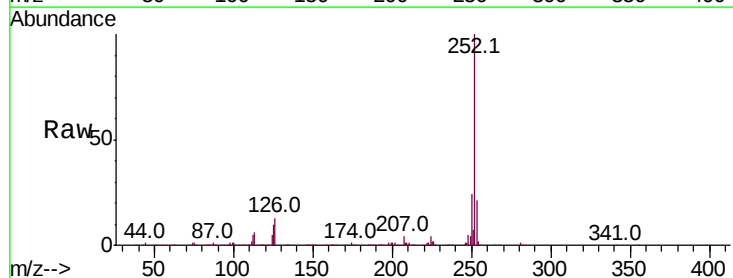
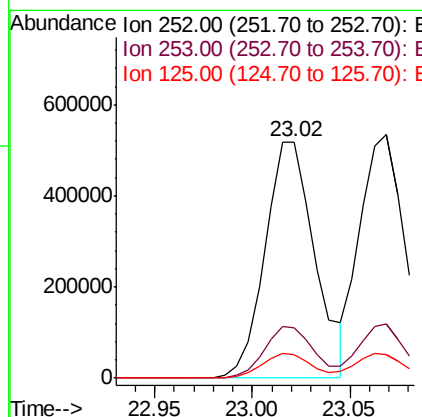
Manual Integrations
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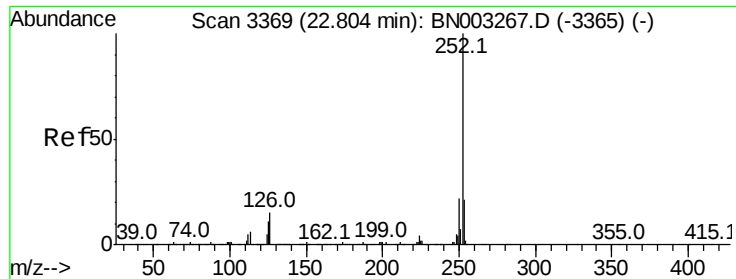
Sohil
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#88
Benzo(b)fluoranthene
Concen: 38.748 ng
RT: 23.02 min Scan# 3406
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	9.8	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 36.634 ng

RT: 23.07 min Scan# 3414

Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Instrument :

BNA_N

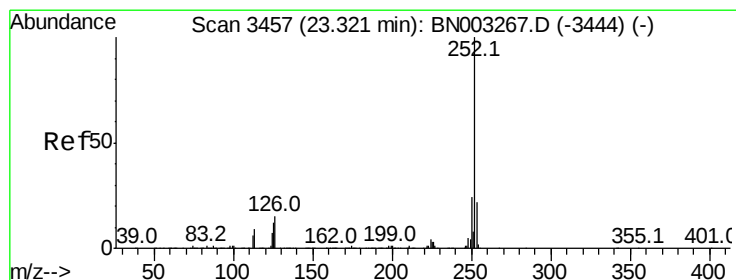
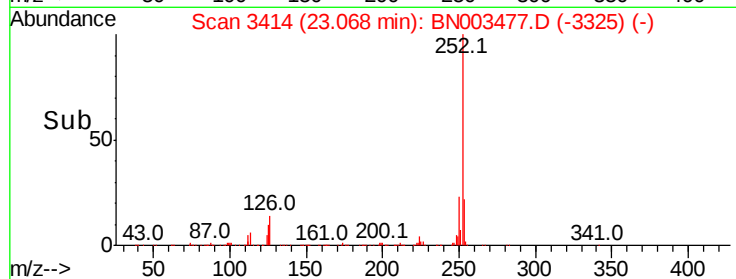
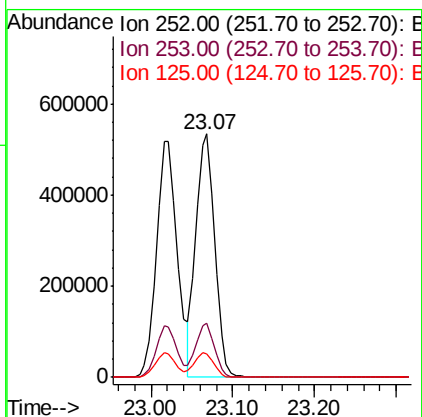
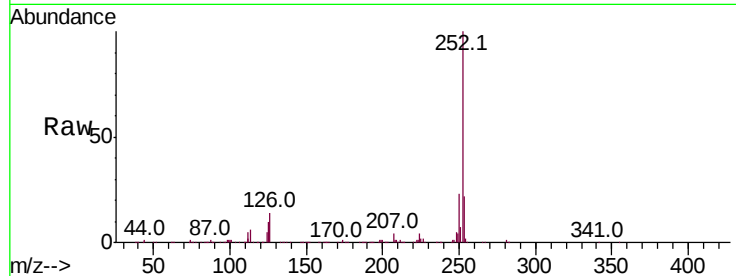
ClientSampleId :

EP2-SB-104(15-17)MS

Tot Ion:	252	Resp:	851107
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	9.7	8.7	13.1

Manual Integrations
APPROVED

Sohil
11/12/2018 5:07:48 PM



#90

Benzo(a)pyrene

Concen: 37.951 ng

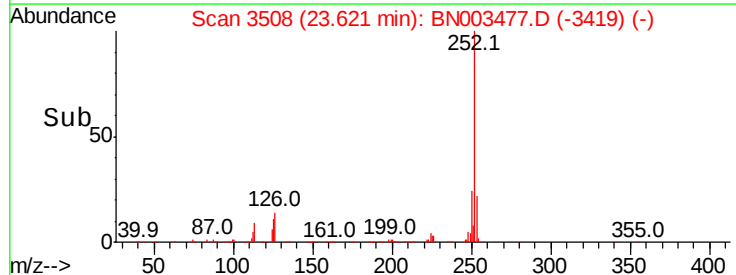
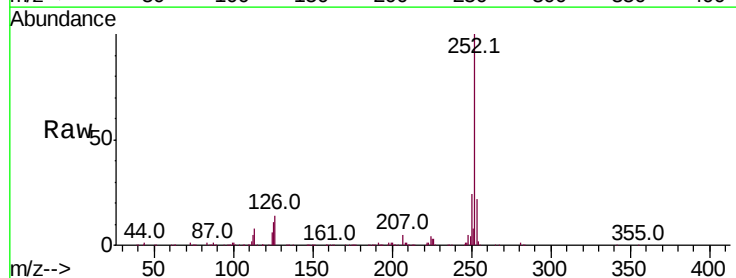
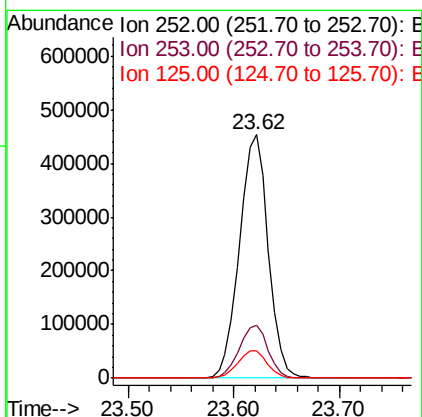
RT: 23.62 min Scan# 3508

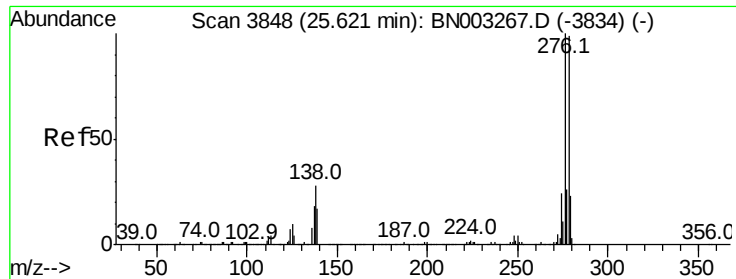
Delta R.T. -0.01 min

Lab File: BN003477.D

Acq: 09 Nov 2018 18:11

Tgt Ion:	252	Resp:	856792
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	11.0	9.6	14.4





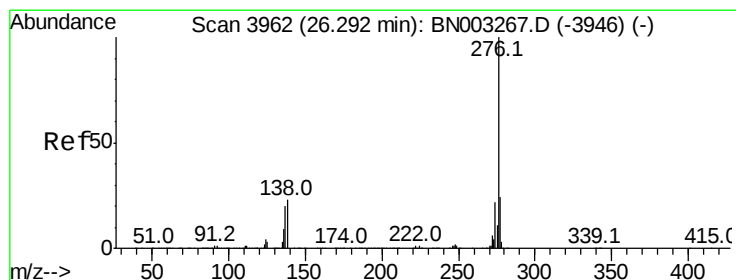
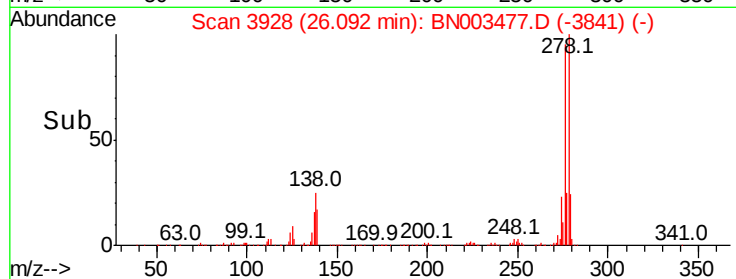
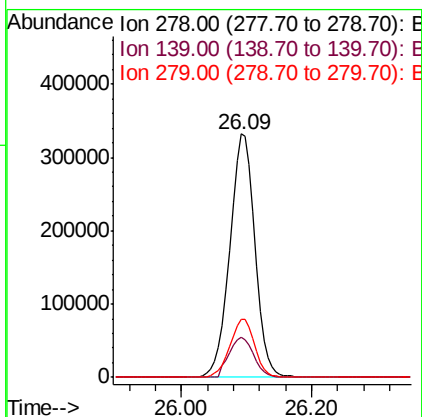
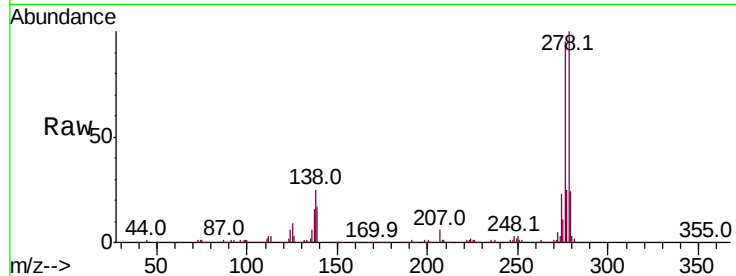
#91
Dibenzo(a,h)anthracene
Concen: 39.726 ng
RT: 26.09 min Scan# 3928
Delta R.T. -0.02 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.9	20.9
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
11/12/2018 5:07:48 PM



#92
Benzo(g,h,i)perylene
Concen: 40.956 ng
RT: 26.81 min Scan# 4050
Delta R.T. -0.01 min
Lab File: BN003477.D
Acq: 09 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	20.9	18.2	27.4

