

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003478.D
 Acq On : 09 Nov 2018 18:46
 Operator : MJ/SJ
 Sample : J5860-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 11/12/2018 5:07:50 PM

Quant Time: Nov 12 03:52:50 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	98537	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	419575	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	239515	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	486131	20.00	ng	0.00
76) Chrysene-d12	21.41	240	398683	20.00	ng	0.00
87) Perylene-d12	23.72	264	400265	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	814656	144.00	ng	0.00
7) Phenol-d6	7.01	99	1080170	134.27	ng	0.00
23) Nitrobenzene-d5	9.02	82	611547	83.59	ng	0.00
42) 2,4,6-Tribromophenol	15.98	330	486574	150.87	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1540676	87.25	ng	0.00
79) Terphenyl-d14	19.84	244	1821685	97.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	80950	30.136	ng	93
3) Pyridine	3.73	79	237877	38.754	ng	91
4) n-Nitrosodimethylamine	3.65	42	96022	42.489	ng	91
6) Aniline	7.19	93	335190	33.367	ng	96
8) 2-Chlorophenol	7.42	128	330452	47.424	ng	94
9) Benzaldehyde	7.00	77	160615	34.378	ng	96
10) Phenol	7.04	94	465681	54.856	ng	95
11) bis(2-Chloroethyl)ether	7.28	93	281133	40.545	ng	93
12) 1,3-Dichlorobenzene	7.73	146	330580	42.670	ng	97
13) 1,4-Dichlorobenzene	7.89	146	339071	42.505	ng	98
14) 1,2-Dichlorobenzene	8.20	146	328146	42.384	ng	99
15) Benzyl Alcohol	8.09	79	258997	44.678	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.38	45	361191	35.529	ng	97
17) 2-Methylphenol	8.29	107	273083	47.069	ng	98
18) Hexachloroethane	8.92	117	114083	40.822	ng	95
19) n-Nitroso-di-n-propylamine	8.66	70	216876	37.387	ng	95
20) 3+4-Methylphenols	8.62	107	369042	44.779	ng	97
22) Acetophenone	8.67	105	453476	44.588	ng	97
24) Nitrobenzene	9.06	77	318005	42.596	ng	93
25) Isophorone	9.57	82	610544	47.575	ng	97
26) 2-Nitrophenol	9.77	139	180306	45.886	ng	93
27) 2,4-Dimethylphenol	9.82	122	307784	55.708	ng	98
28) bis(2-Chloroethoxy)methane	10.06	93	396156	45.821	ng	99
29) 2,4-Dichlorophenol	10.29	162	324952	51.540	ng	99
30) 1,2,4-Trichlorobenzene	10.50	180	329114	45.917	ng	99
31) Naphthalene	10.70	128	996980	48.625	ng	100
32) Benzoic acid	9.87	122	24243m	9.600	ng	
33) 4-Chloroaniline	10.81	127	159996	17.660	ng	96
34) Hexachlorobutadiene	10.96	225	195079	45.609	ng	97
35) Caprolactam	11.60	113	98384m	39.852	ng	
36) 4-Chloro-3-methylphenol	11.93	107	326314	46.405	ng	95
37) 2-Methylnaphthalene	12.31	142	737245	50.316	ng	99
38) 1-Methylnaphthalene	12.53	142	697352	48.729	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	385742	48.683	ng	99

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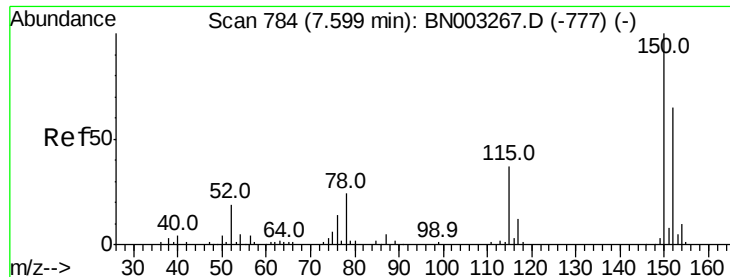
Manual Integrations
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 11/12/2018 5:07:50 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	493606	136.563	nq	99
43) 2,4,6-Trichlorophenol	12.91	196	263170	52.569	nq	98
44) 2,4,5-Trichlorophenol	12.98	196	283071	54.210	nq	98
46) 1,1'-Biphenyl	13.32	154	933213	44.393	nq	99
47) 2-Chloronaphthalene	13.36	162	720802	46.485	nq	99
48) 2-Nitroaniline	13.57	65	184628	40.524	nq	88
49) Acenaphthylene	14.21	152	1161424	48.935	nq	99
50) Dimethylphthalate	13.95	163	1087366	56.148	nq	99
51) 2,6-Dinitrotoluene	14.07	165	200832	45.690	nq	92
52) Acenaphthene	14.55	154	668666	46.498	nq	98
53) 3-Nitroaniline	14.40	138	133880	28.493	nq	91
54) 2,4-Dinitrophenol	14.60	184	140975	57.704	nq	91
55) Dibenzofuran	14.89	168	1071887	45.816	nq	100
56) 4-Nitrophenol	14.70	139	449216	129.070	nq	93
57) 2,4-Dinitrotoluene	14.86	165	270880	45.451	nq	# 76
58) Fluorene	15.53	166	841116	46.590	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.10	232	251367	54.819	nq	96
60) Diethylphthalate	15.30	149	867939	44.165	nq	100
61) 4-Chlorophenyl-phenylether	15.53	204	448720	44.737	nq	98
62) 4-Nitroaniline	15.57	138	195139	42.510	nq	97
63) Azobenzene	15.82	77	740914	40.794	nq	94
65) 4,6-Dinitro-2-methylphenol	15.62	198	138730	40.899	nq	92
66) n-Nitrosodiphenylamine	15.75	169	746844	49.075	nq	99
67) 4-Bromophenyl-phenylether	16.42	248	288208	52.641	nq	95
68) Hexachlorobenzene	16.53	284	322653	51.730	nq	96
69) Atrazine	16.69	200	265374	49.204	nq	98
70) Pentachlorophenol	16.87	266	370887	114.639	nq	99
71) Phenanthrene	17.27	178	1247572	48.815	nq	98
72) Anthracene	17.36	178	1281362	50.245	nq	99
73) Carbazole	17.63	167	1106757	41.907	nq	99
74) Di-n-butylphthalate	18.18	149	1403269	45.550	nq	99
75) Fluoranthene	19.29	202	1303653	43.297	nq	99
77) Benzidine	19.47	184	525087	44.989	nq	99
78) Pyrene	19.65	202	1278312	54.554	nq	98
80) Butylbenzylphthalate	20.54	149	539514	49.587	nq	94
81) Benzo(a)anthracene	21.39	228	1141772	49.177	nq	98
82) 3,3'-Dichlorobenzidine	21.33	252	372886	38.810	nq	99
83) Chrysene	21.44	228	1065903	47.758	nq	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	782688	48.508	nq	98
85) Di-n-octyl phthalate	22.20	149	1206613	43.579	nq	97
86) Indeno(1,2,3-cd)pyrene	26.09	276	1356915	53.048	nq	98
88) Benzo(b)fluoranthene	23.02	252	1129022	51.229	nq	100
89) Benzo(k)fluoranthene	23.07	252	1102906	51.026	nq	99
90) Benzo(a)pyrene	23.63	252	1093939	52.083	nq	98
91) Dibenzo(a,h)anthracene	26.10	278	1140429	54.856	nq	99
92) Benzo(g,h,i)perylene	26.82	276	1128239	56.530	nq	99

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



#1

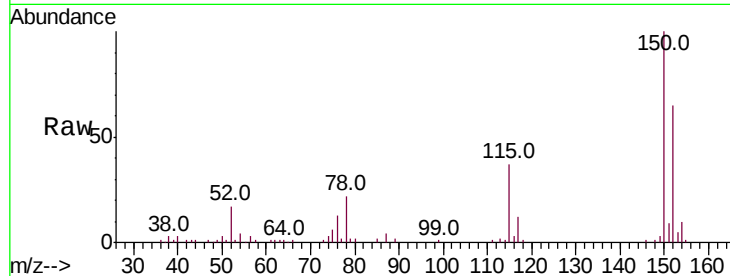
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.8	185.8
115	57.8	45.9	68.9

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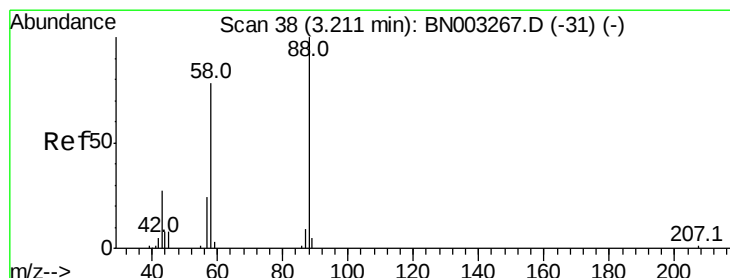
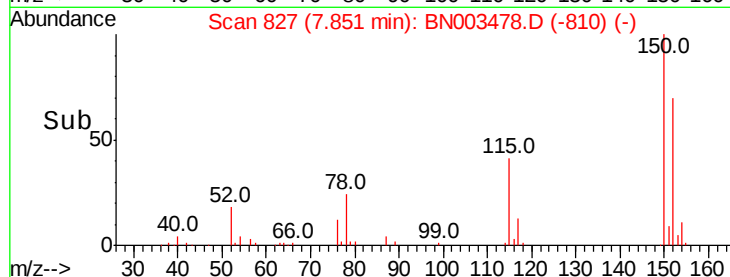
Abundance

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

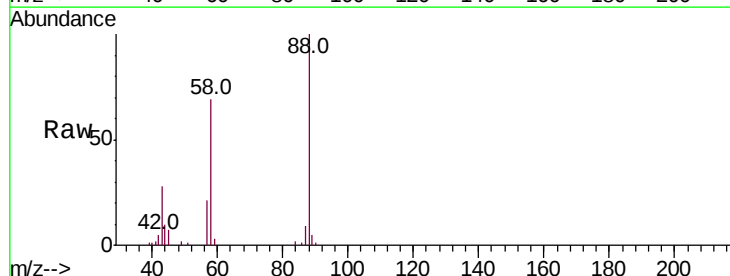
Time-->



#2

1,4-Dioxane
Concen: 30.136 ng
RT: 3.33 min Scan# 59
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	61.1	91.7
43	26.8	22.2	33.4



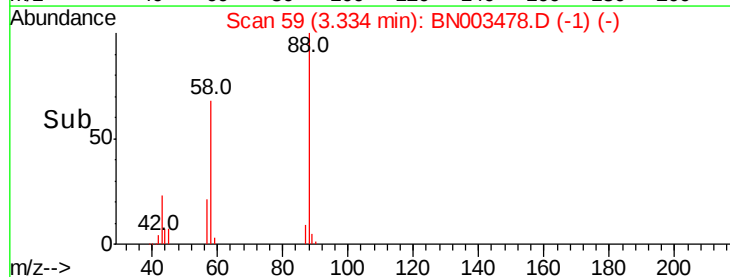
Abundance

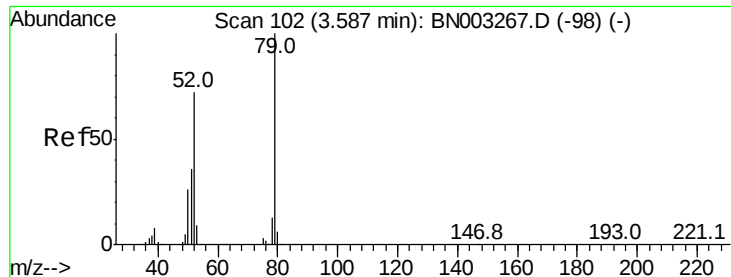
Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

Time-->





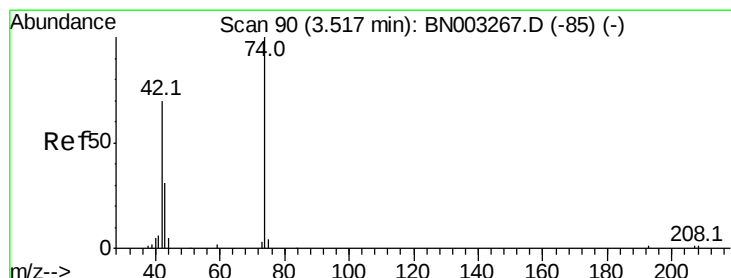
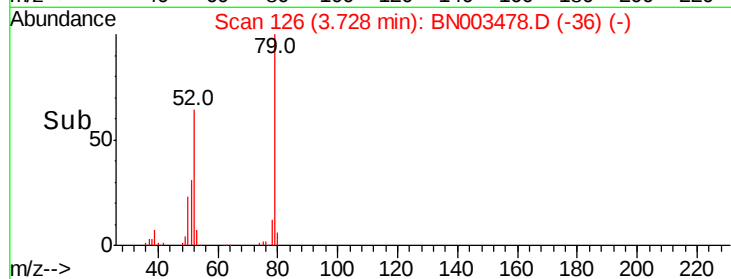
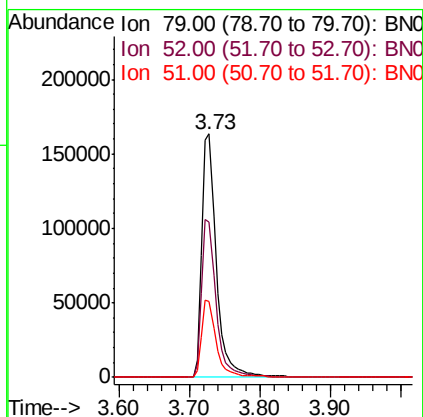
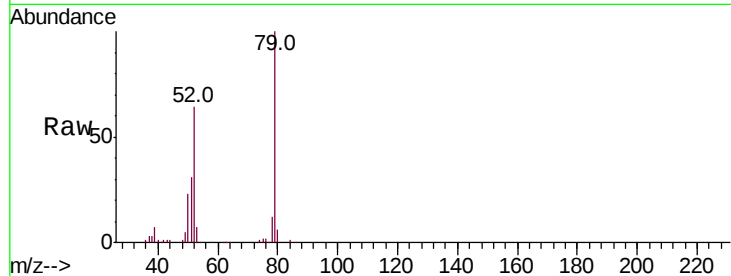
#3
 Pvridine
 Concen: 38.754 ng
 RT: 3.73 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.9	57.7	86.5
51	31.0	28.7	43.1

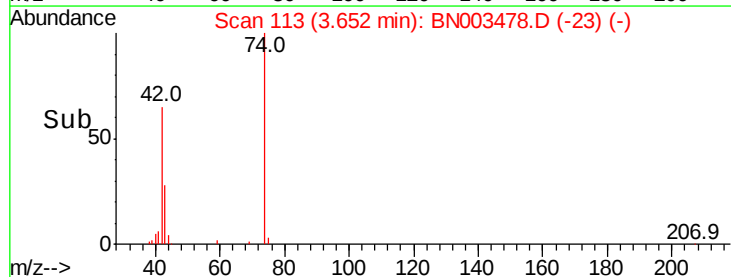
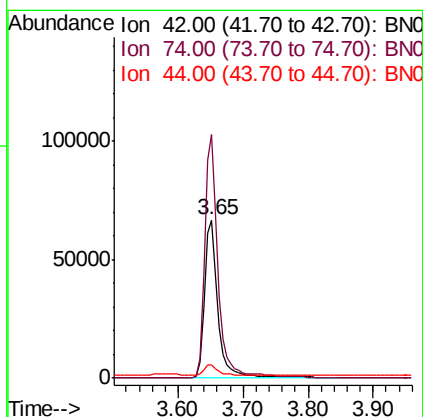
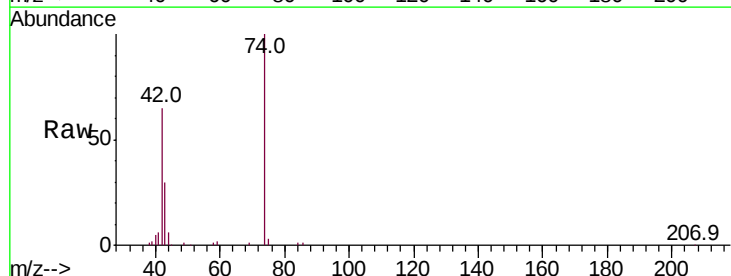
Manual Integrations
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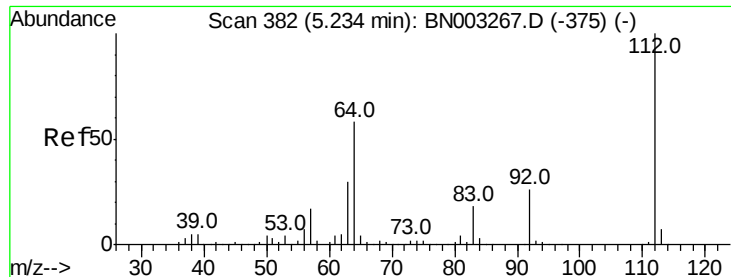
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#4
 n-Nitrosodimethylamine
 Concen: 42.489 ng
 RT: 3.65 min Scan# 113
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.9	114.2	171.4
44	8.7	6.1	9.1





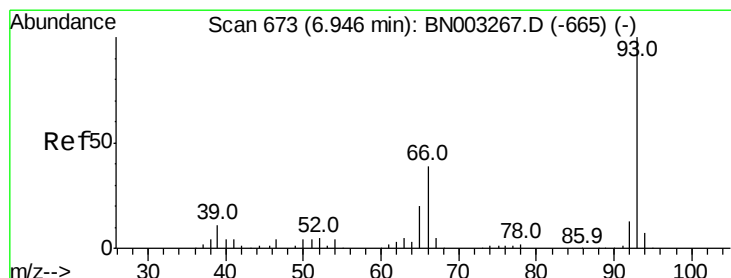
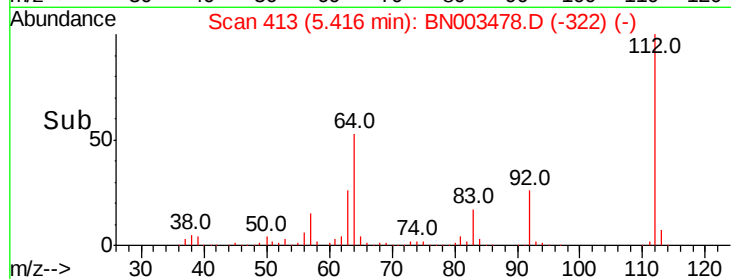
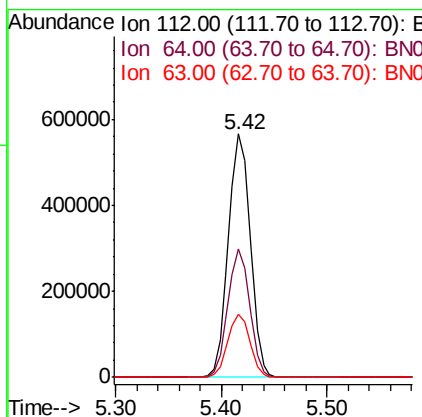
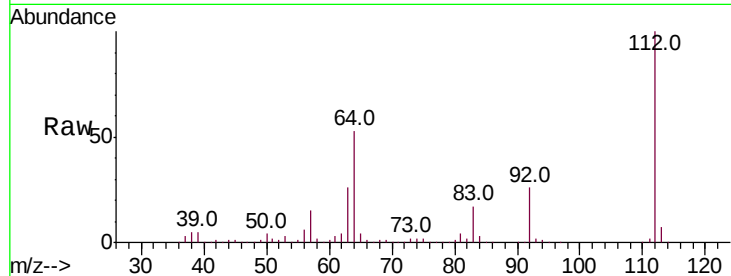
#5
 2-Fluorophenol
 Concen: 143.999 ng
 RT: 5.42 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

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

Tot Ion:	112	Resp:	814656
Ion Ratio	Lower	Upper	
112	100		
64	52.8	46.6	69.8
63	26.0	23.8	35.8

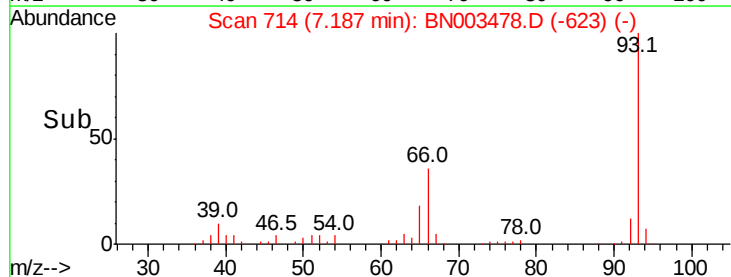
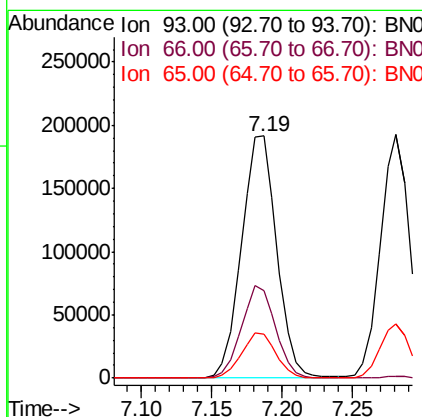
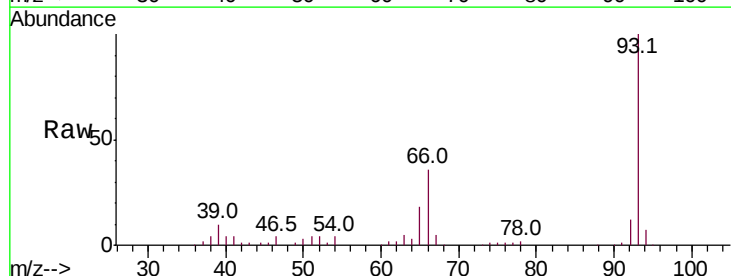
Manual Integrations
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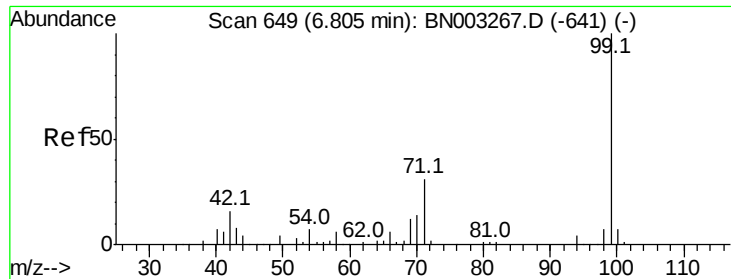
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 11/12/2018 5:07:50 PM



#6
 Aniline
 Concen: 33.367 ng
 RT: 7.19 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion:	93	Resp:	335190
Ion Ratio	Lower	Upper	
93	100		
66	36.2	31.4	47.0
65	17.9	15.7	23.5





#7

Phenol-d6

Concen: 134.274 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion: 99 Resp: 1080170

Ion Ratio Lower Upper

99 100

42 14.3 13.0 19.6

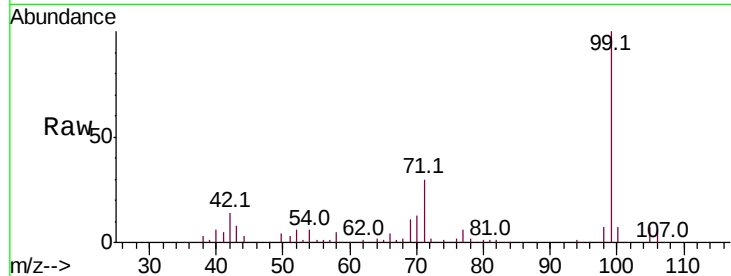
71 30.1 24.5 36.7

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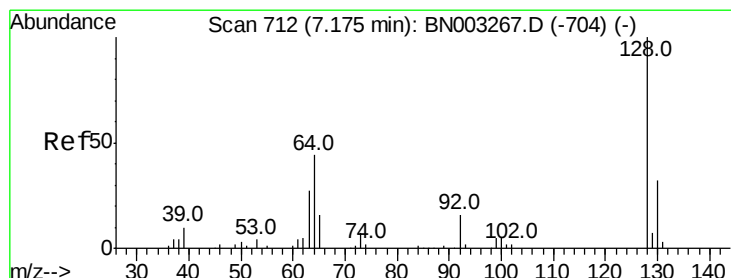
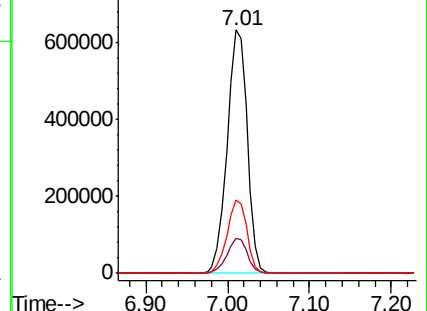
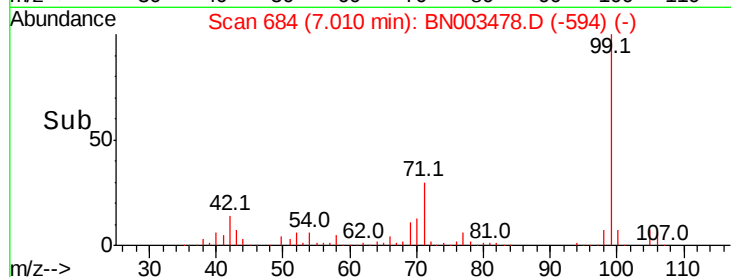


Abundance Ion 99.00 (98.70 to 99.70): BN003267.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BN003267.D (-641) (-)

Time-->



#8

2-Chlorophenol

Concen: 47.424 ng

RT: 7.42 min Scan# 753

Delta R.T. 0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

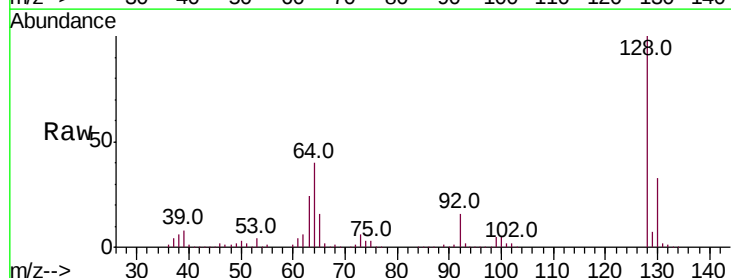
Tgt Ion:128 Resp: 330452

Ion Ratio Lower Upper

128 100

130 33.2 12.4 52.4

64 40.4 27.0 67.0

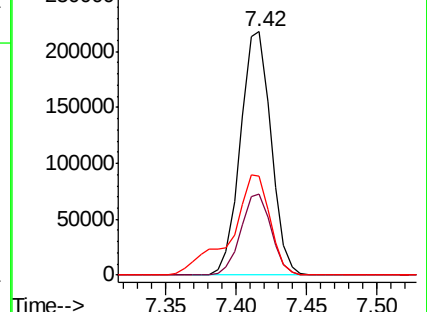
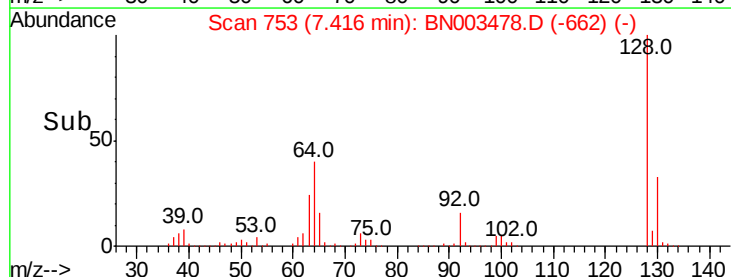


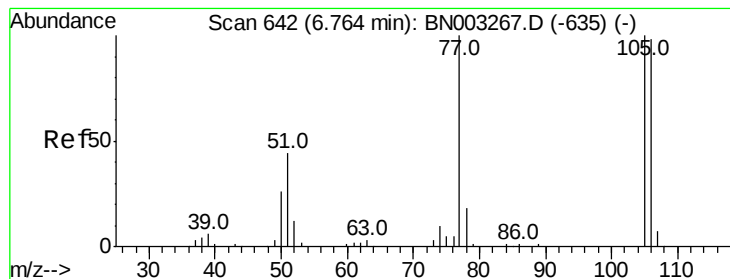
Abundance Ion 128.00 (127.70 to 128.70): BN003267.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BN003267.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BN003267.D (-704) (-)

Time-->





#9

Benzaldehyde

Concen: 34.378 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

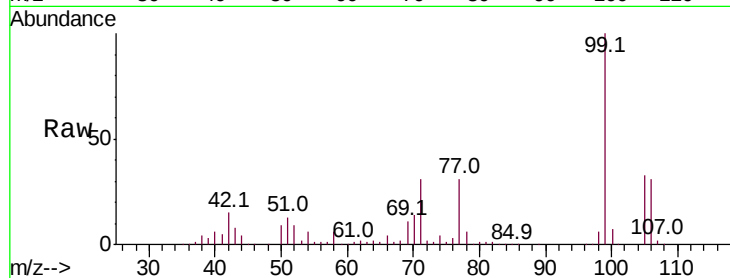
ClientSampleId :

EP2-SB-104(15-17)MSD

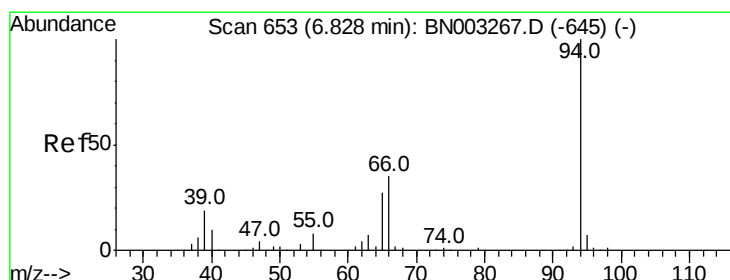
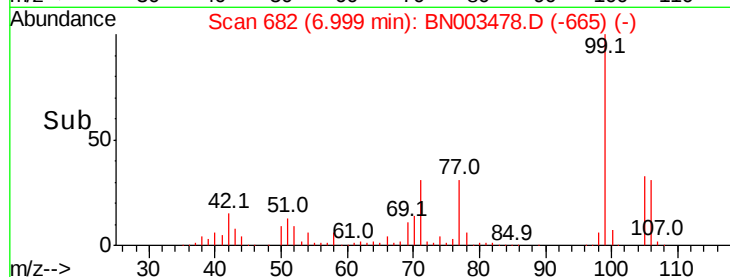
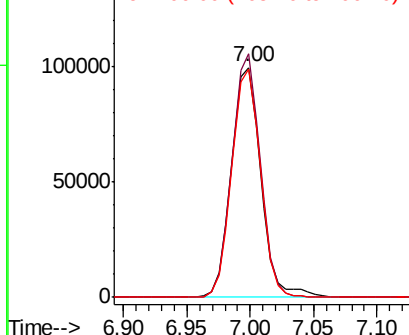
Tot Ion:	77	Resp:	160615
Ion Ratio	Lower	Upper	
77	100		
105	105.9	79.9	119.9
106	99.4	78.4	118.4

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 54.856 ng

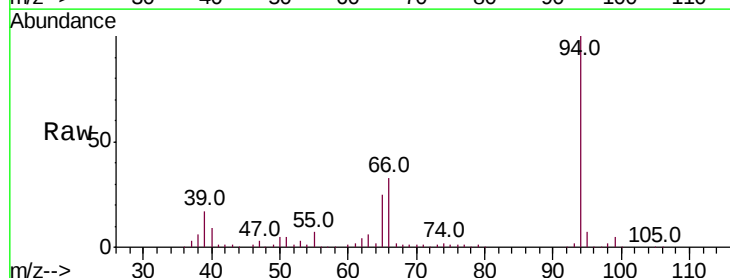
RT: 7.04 min Scan# 689

Delta R.T. 0.01 min

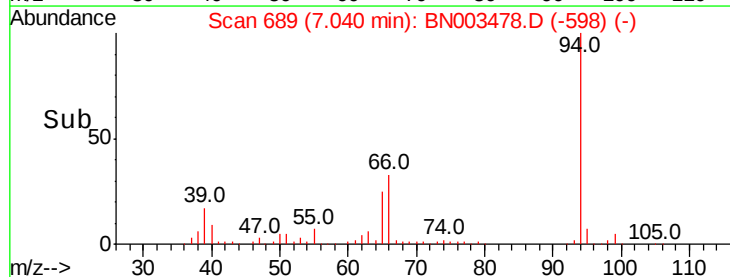
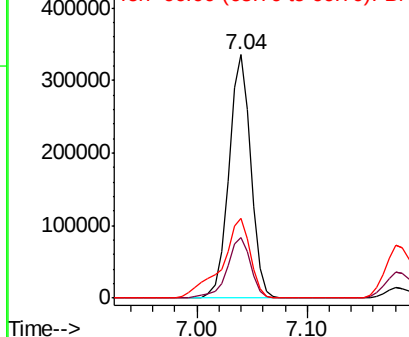
Lab File: BN003478.D

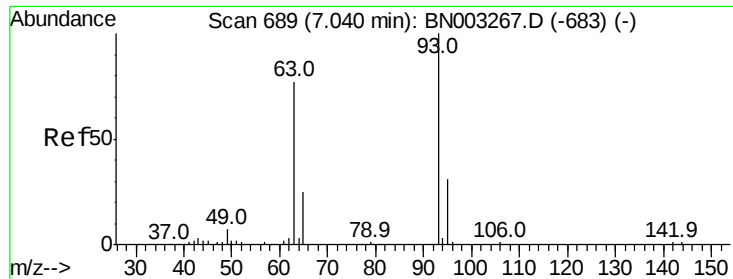
Acq: 09 Nov 2018 18:46

Tgt Ion:	94	Resp:	465681
Ion Ratio	Lower	Upper	
94	100		
65	25.0	7.7	47.7
66	32.6	15.8	55.8



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC





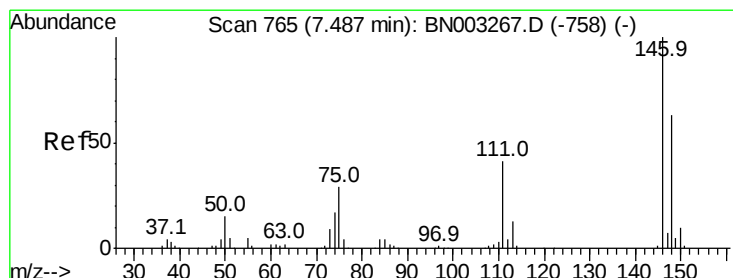
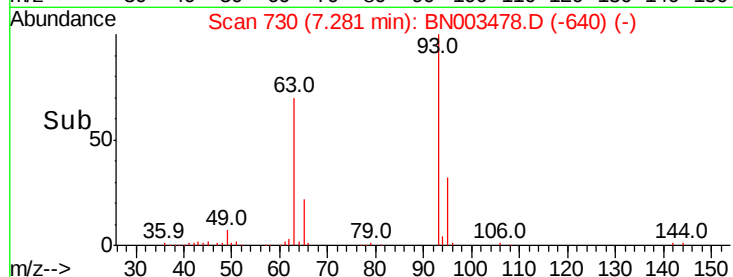
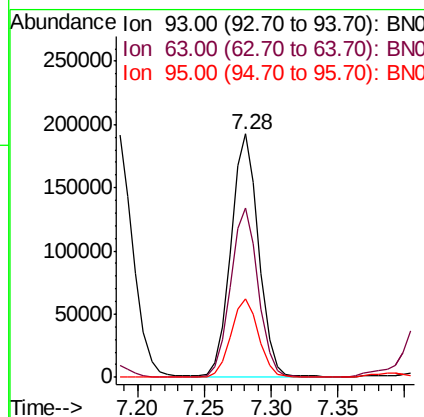
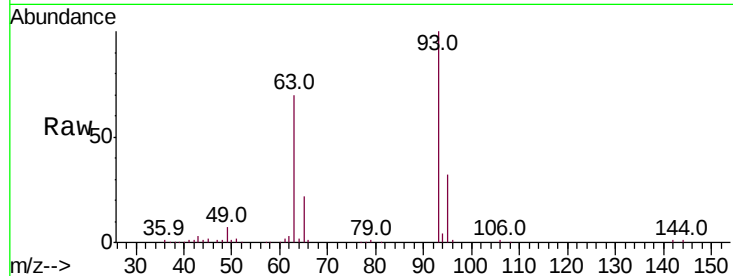
#11
bis(2-Chloroethyl)ether
Concen: 40.545 ng
RT: 7.28 min Scan# 730
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100	281133		
63	69.6	56.6	96.6	
95	32.4	10.9	50.9	

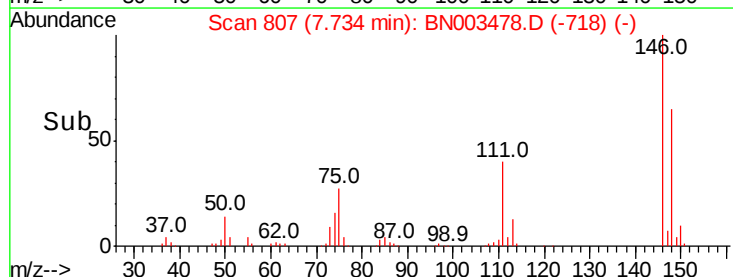
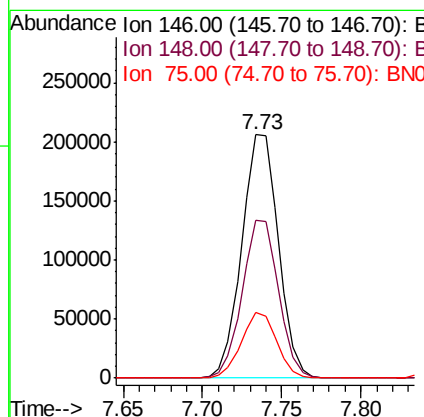
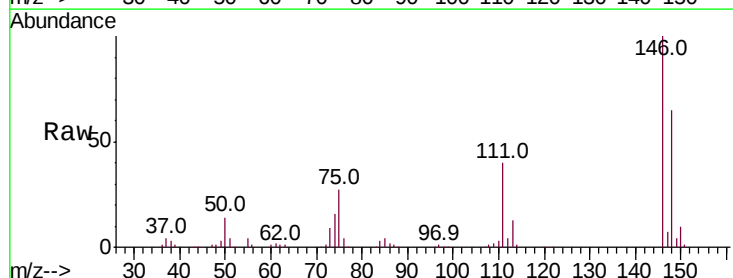
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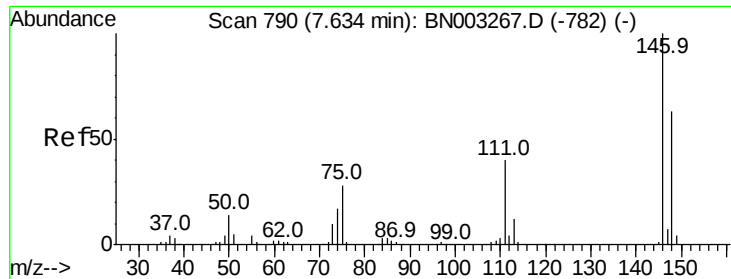
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#12
1,3-Dichlorobenzene
Concen: 42.670 ng
RT: 7.73 min Scan# 807
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	330580		
148	65.1	50.1	75.1	
75	26.8	22.9	34.3	





#13

1,4-Dichlorobenzene

Concen: 42.505 ng

RT: 7.89 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

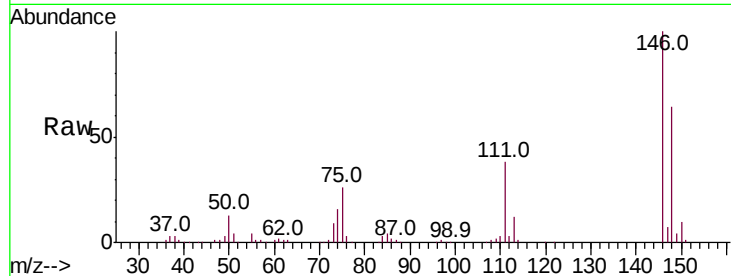
ClientSampleId :

EP2-SB-104(15-17)MSD

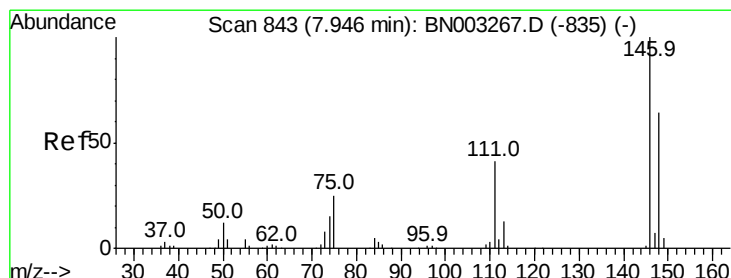
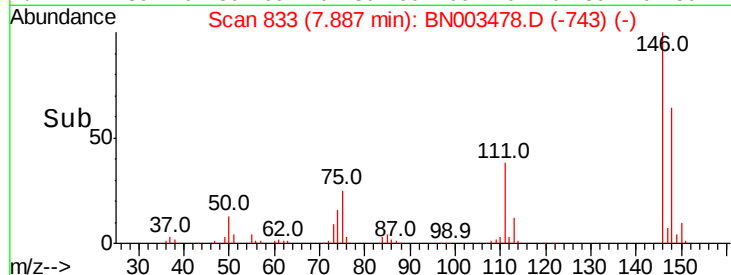
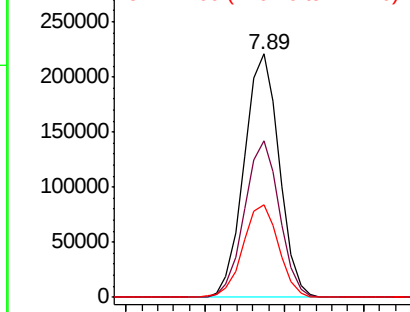
Tot Ion:	146	Resp:	339071
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.2	75.2
111	38.2	32.1	48.1

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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: 42.384 ng

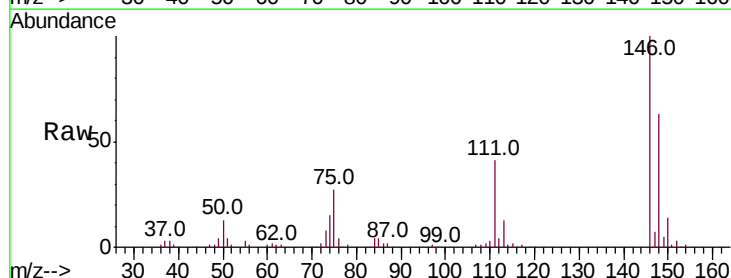
RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

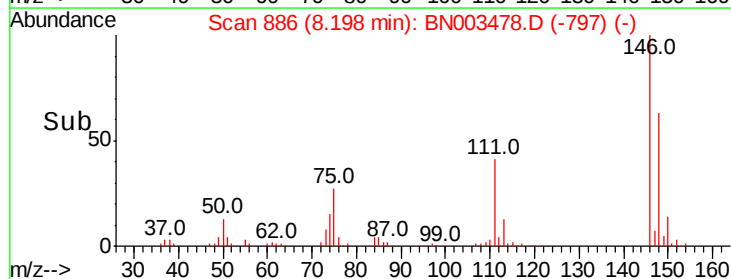
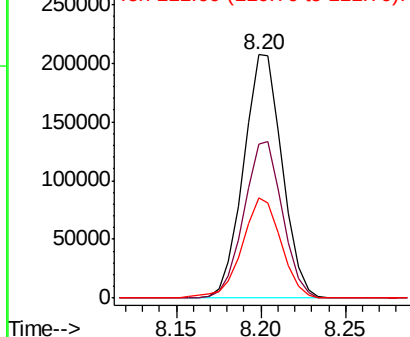
Lab File: BN003478.D

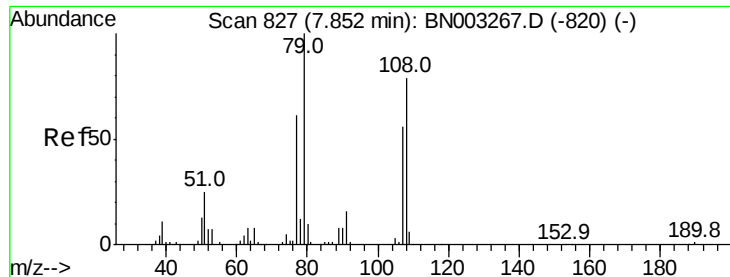
Acq: 09 Nov 2018 18:46

Tgt Ion:	146	Resp:	328146
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.4	77.2
111	41.0	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: 44.678 ng

RT: 8.09 min Scan# 868

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

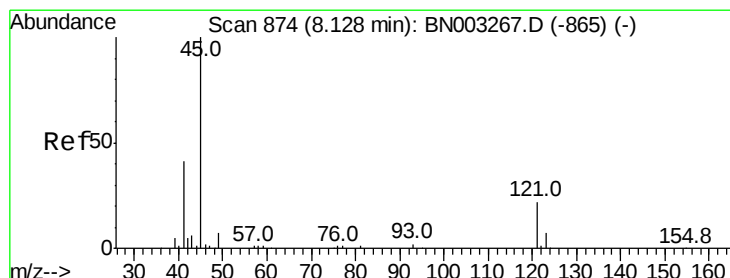
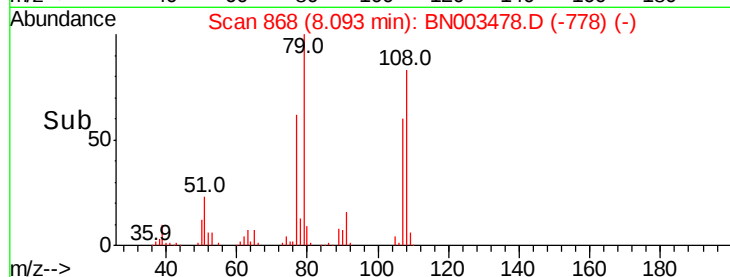
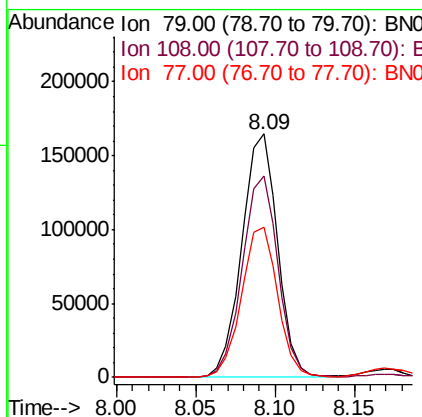
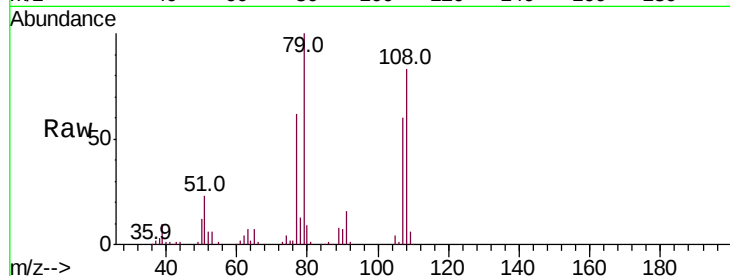
ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion:	79	Resp:	258997
Ion Ratio	Lower	Upper	
79	100		
108	82.5	63.3	94.9
77	61.6	49.0	73.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.529 ng

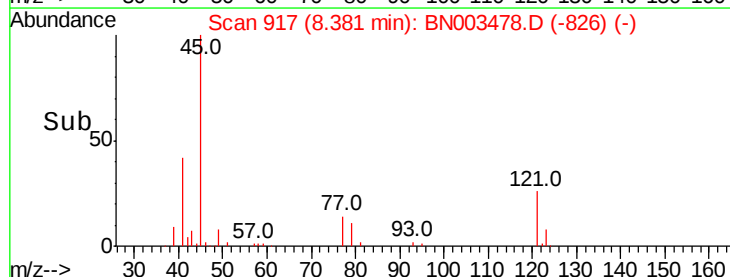
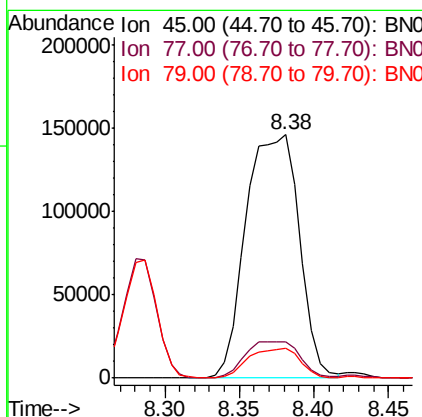
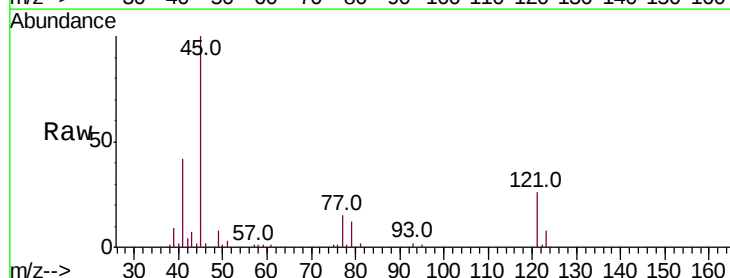
RT: 8.38 min Scan# 917

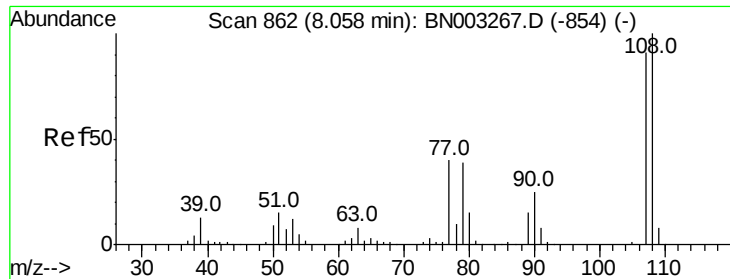
Delta R.T. 0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion:	45	Resp:	361191
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	34.0
79	12.2	0.0	30.9





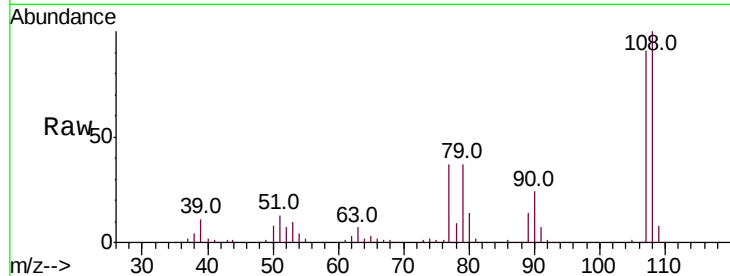
#17
2-Methylphenol
Concen: 47.069 ng
RT: 8.29 min Scan# 901
Delta R.T. 0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

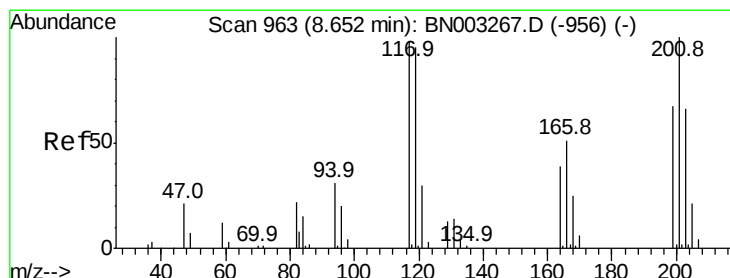
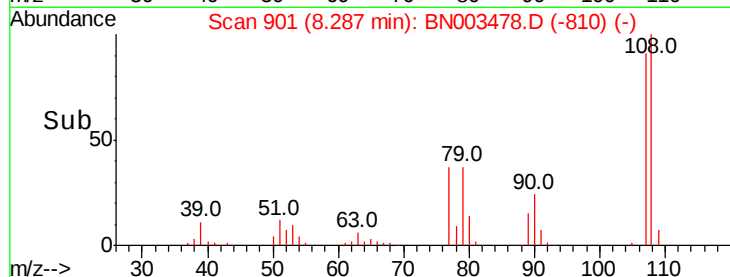
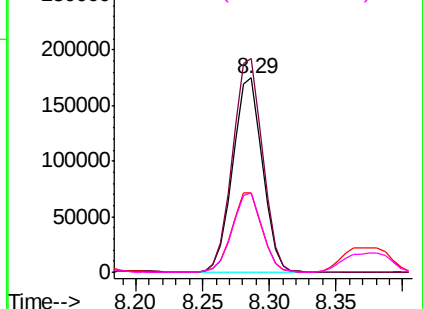
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	87.6	131.4	
77	40.7	35.3	52.9	
79	40.6	34.2	51.4	

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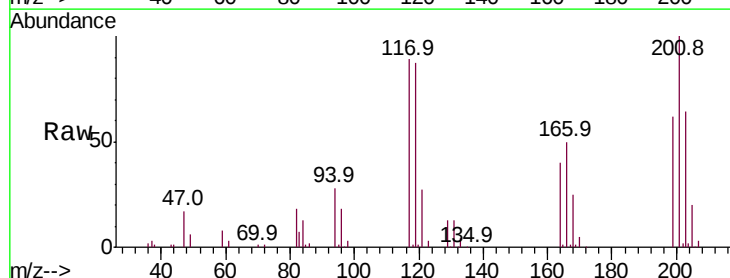


Abundance Ion 107.00 (106.70 to 107.70): E
300000 Ion 108.00 (107.70 to 108.70): E
250000 Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

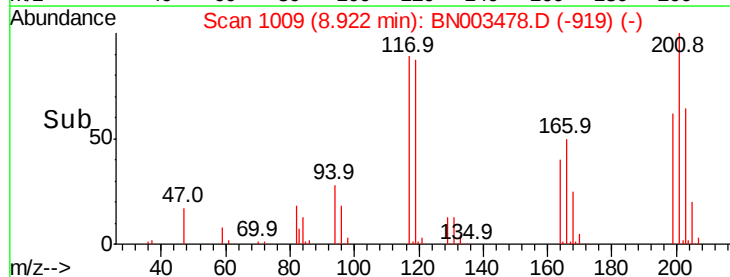
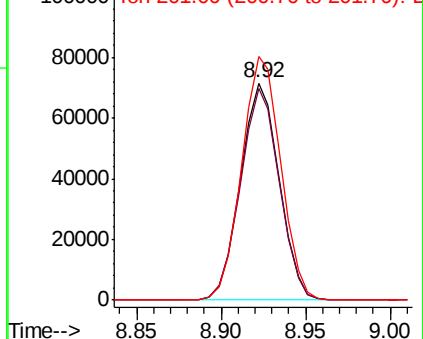


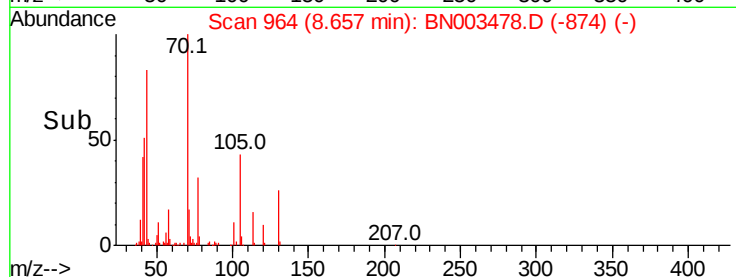
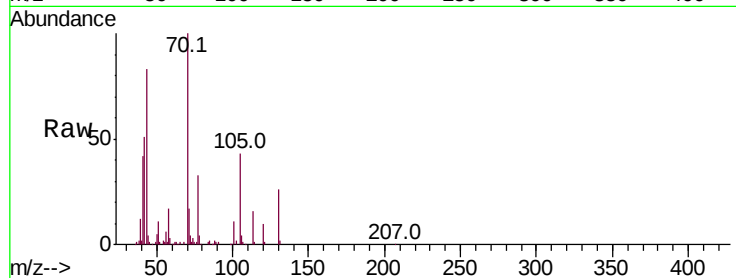
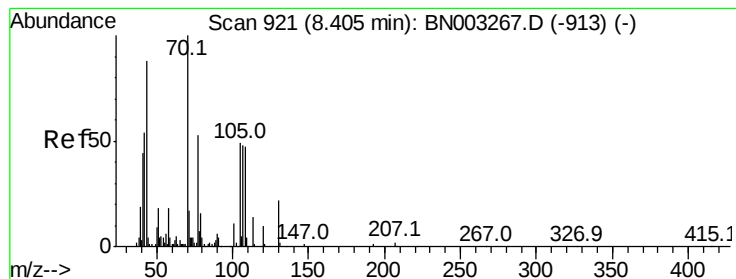
#18
Hexachloroethane
Concen: 40.822 ng
RT: 8.92 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	77.8	116.6	
201	112.3	81.4	122.2	



Abundance Ion 117.00 (116.70 to 117.70): E
100000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.387 ng

RT: 8.66 min Scan# 964

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

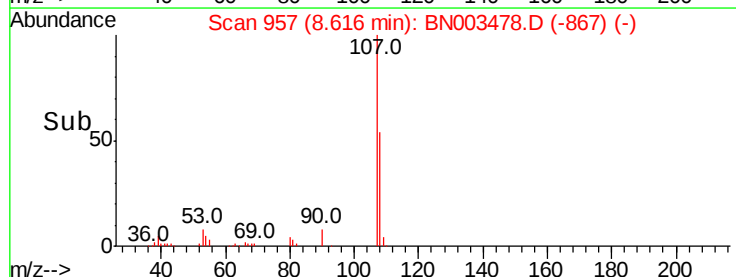
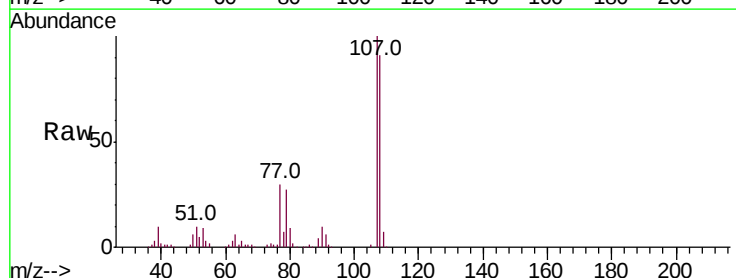
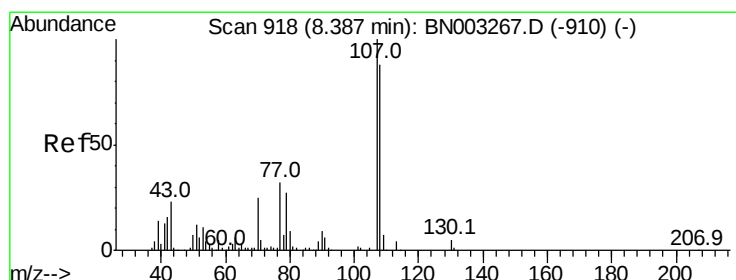
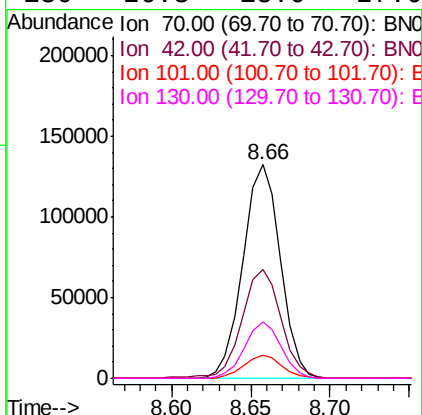
ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.0	43.5	65.3	
101	11.1	8.6	12.8	
130	26.3	18.0	27.0	

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#20

3+4-Methylphenols

Concen: 44.779 ng

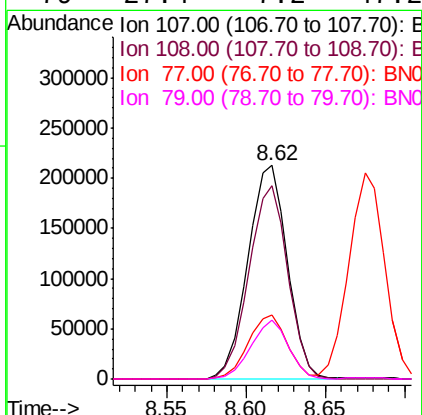
RT: 8.62 min Scan# 957

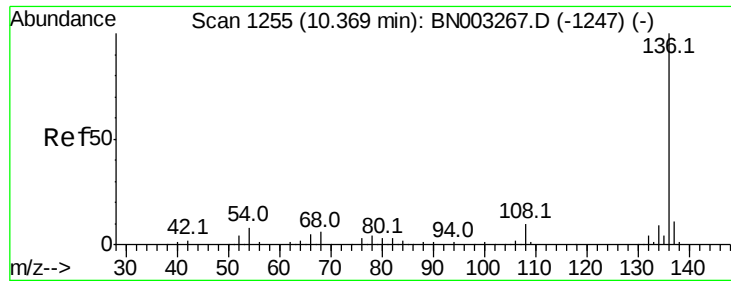
Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	67.8	107.8	
77	30.1	12.1	52.1	
79	27.4	7.2	47.2	





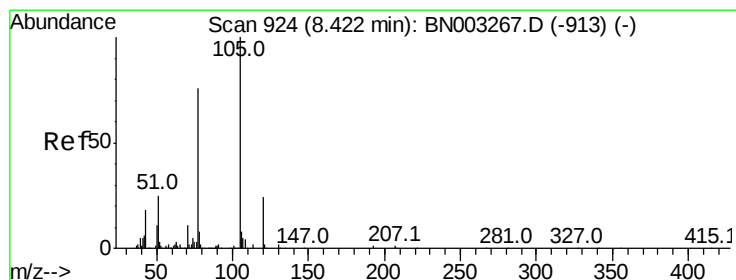
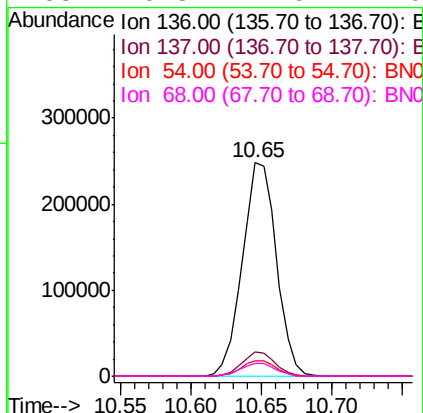
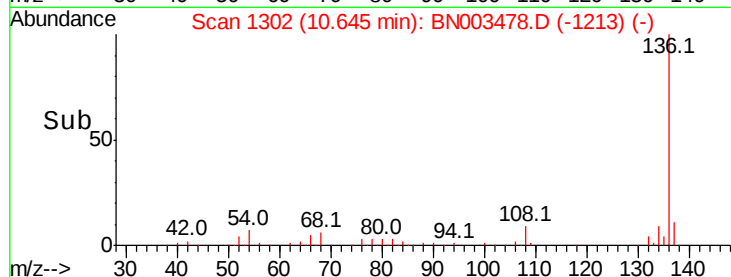
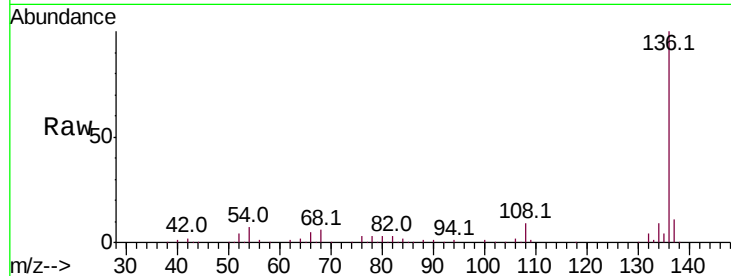
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.7	13.1	
54	7.3	6.6	10.0	
68	6.3	4.6	7.0	

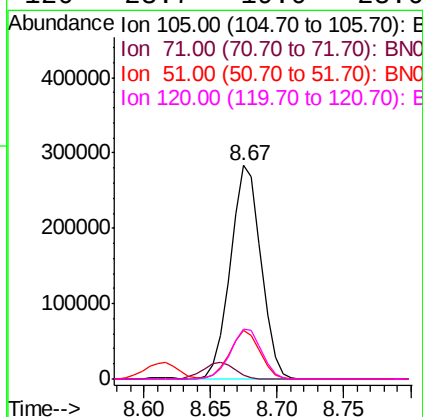
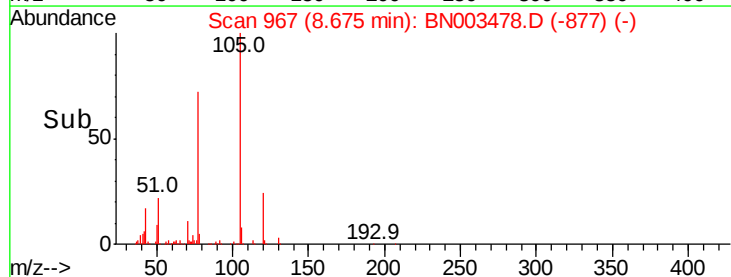
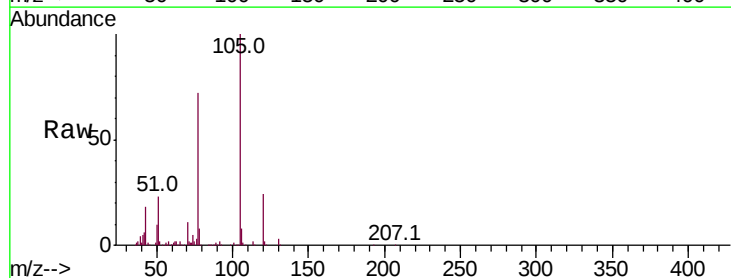
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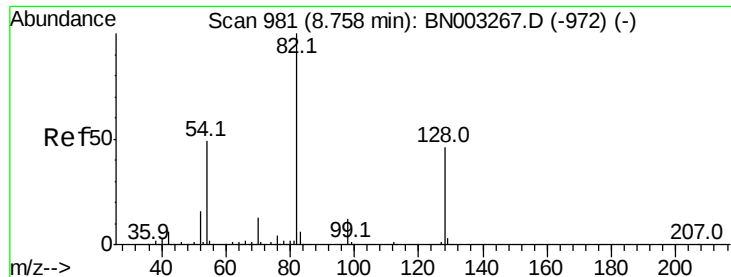
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#22
Acetophenone
Concen: 44.588 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	1.3	1.9	
51	22.5	20.5	30.7	
120	23.7	19.0	28.6	





#23

Nitrobenzene-d5

Concen: 83.589 ng

RT: 9.02 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

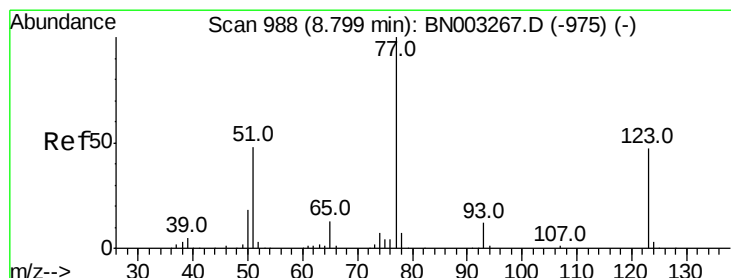
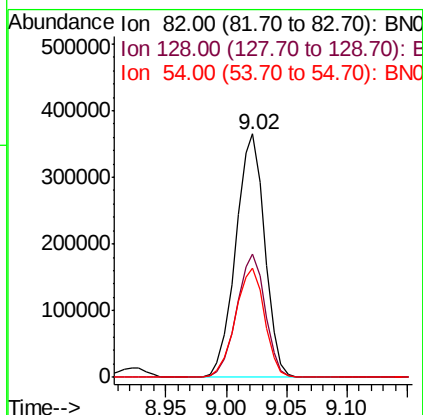
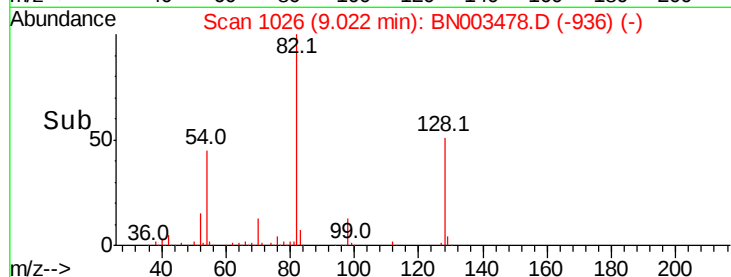
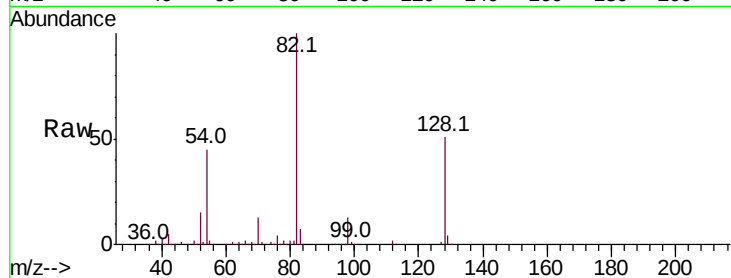
ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion:	82	Resp:	611547
Ion Ratio	Lower	Upper	
82	100		
128	50.7	37.1	55.7
54	44.7	39.4	59.2

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#24

Nitrobenzene

Concen: 42.596 ng

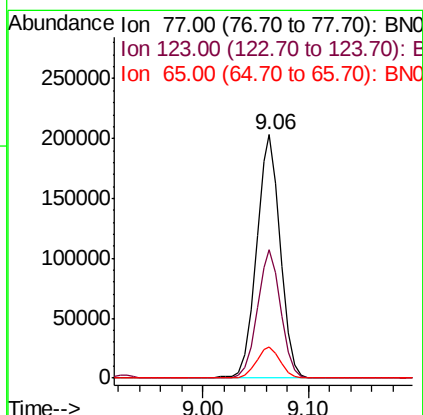
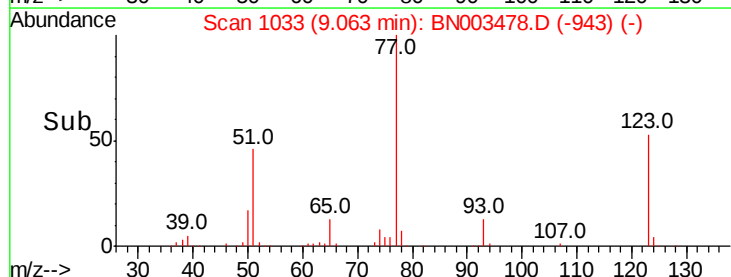
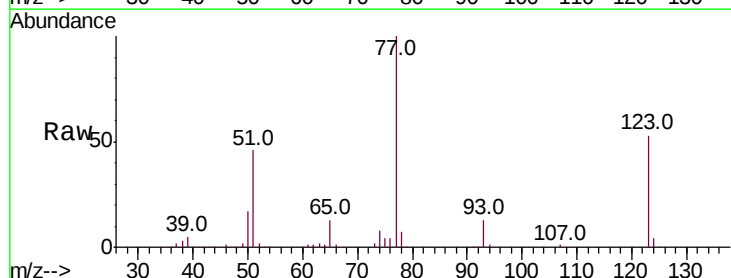
RT: 9.06 min Scan# 1033

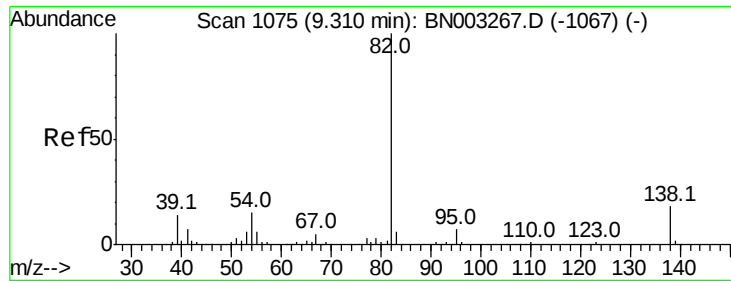
Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion:	77	Resp:	318005
Ion Ratio	Lower	Upper	
77	100		
123	52.8	37.8	56.6
65	12.8	10.7	16.1





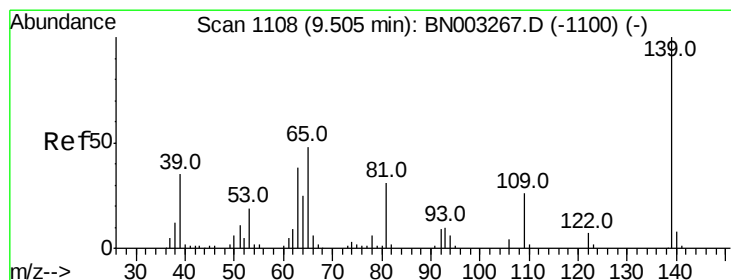
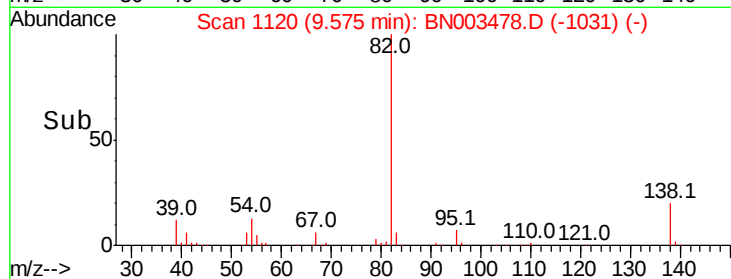
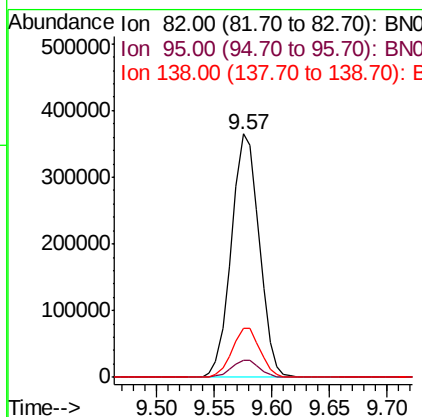
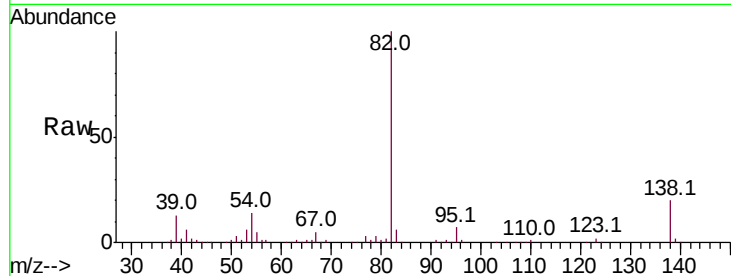
#25
Isophorone
Concen: 47.575 ng
RT: 9.57 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.0
138	19.9	14.5	21.7

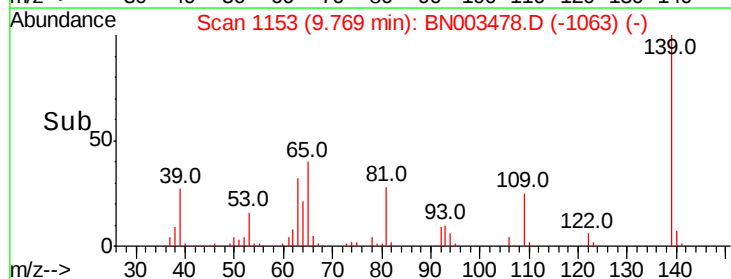
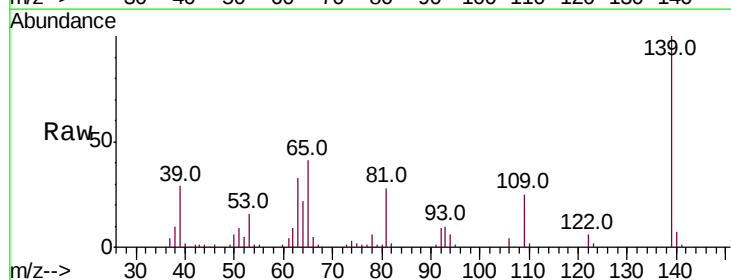
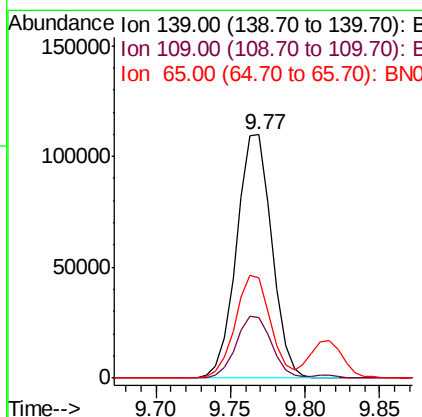
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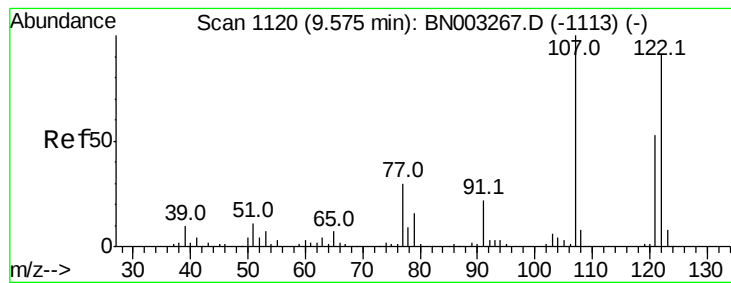
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#26
2-Nitrophenol
Concen: 45.886 ng
RT: 9.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.9	20.5	30.7
65	41.2	38.4	57.6





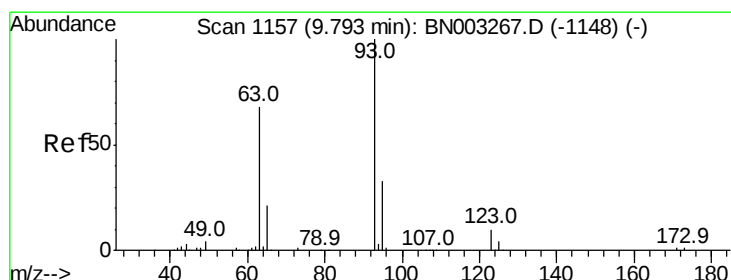
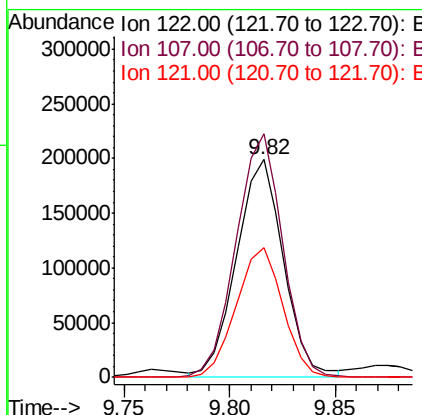
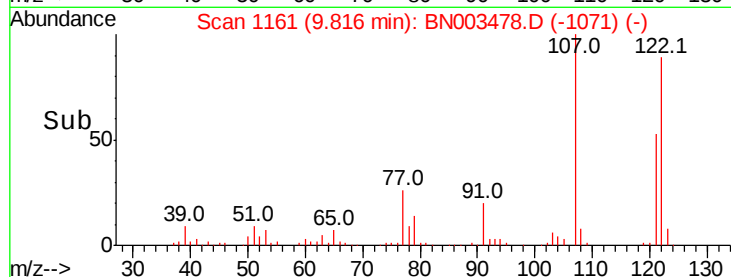
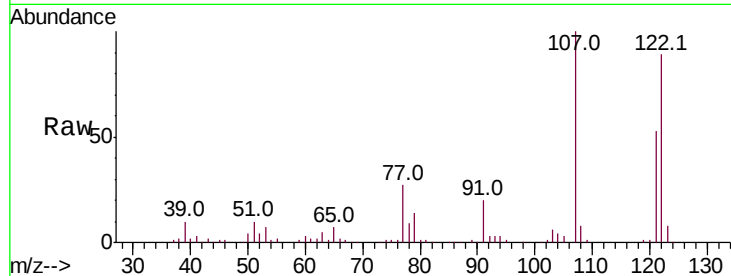
#27
 2,4-Dimethylphenol
 Concen: 55.708 ng
 RT: 9.82 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		307784		
107	112.0	87.8		131.6	
121	59.4	46.9		70.3	

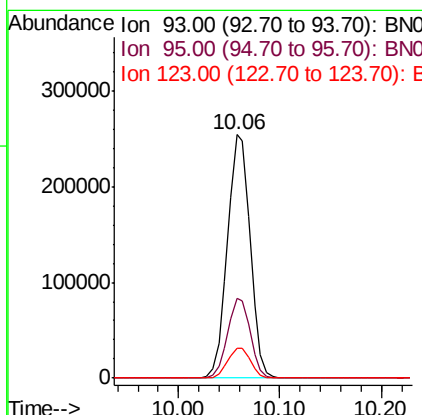
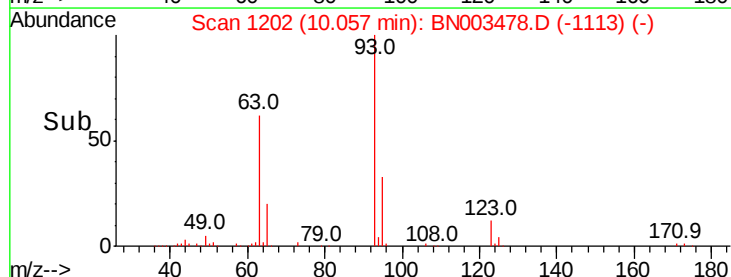
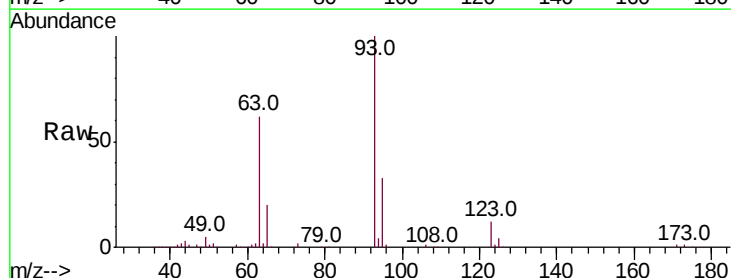
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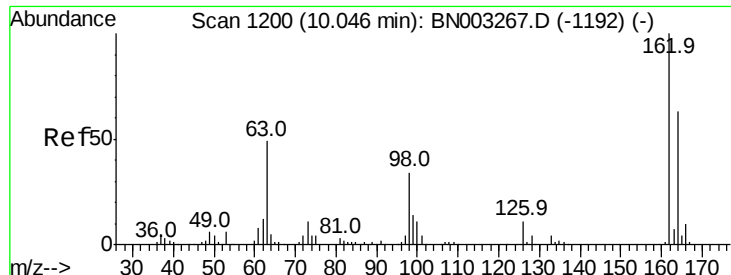
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.821 ng
 RT: 10.06 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		396156		
95	33.0	26.2		39.4	
123	12.3	9.1		13.7	





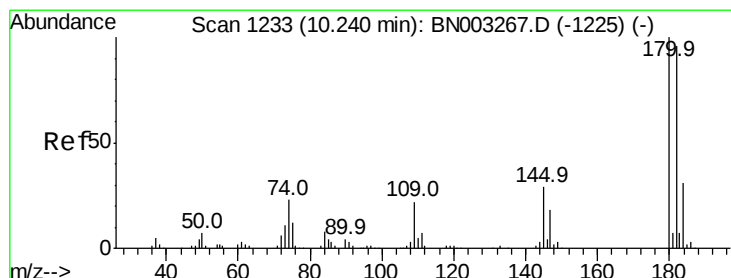
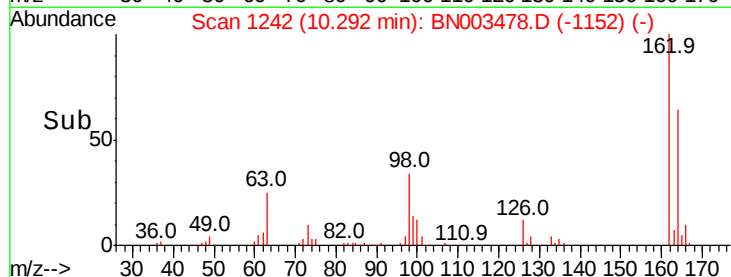
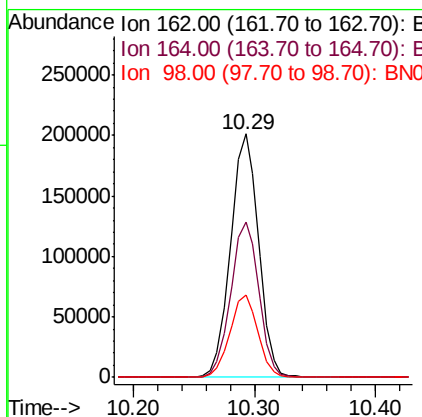
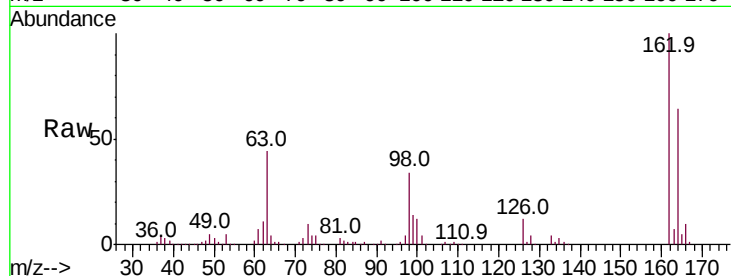
#29
 2,4-Dichlorophenol
 Concen: 51.540 ng
 RT: 10.29 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

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

Tot Ion:	162	Resp:	324952
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.5	82.5
98	33.7	14.0	54.0

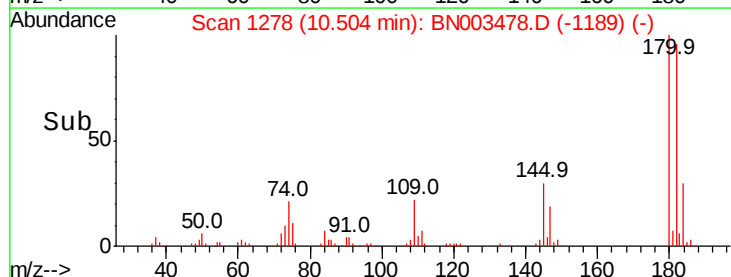
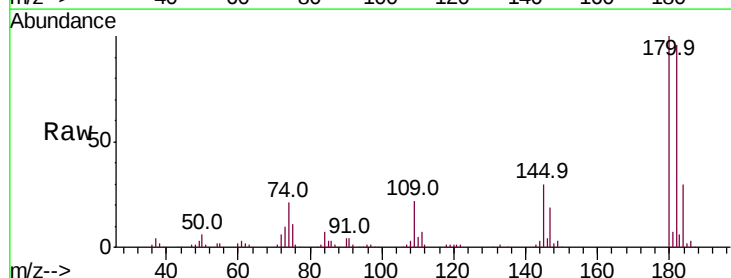
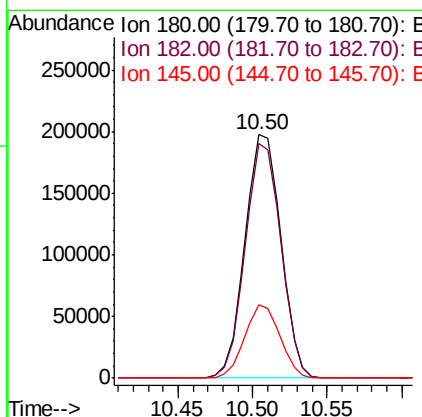
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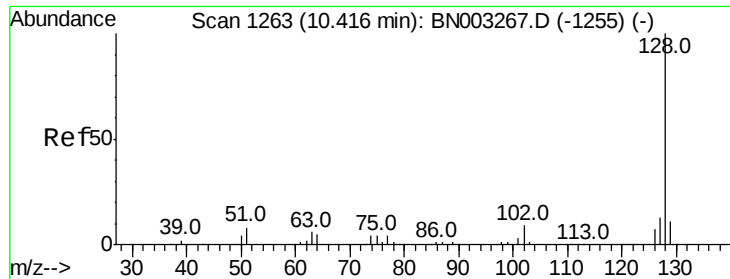
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.917 ng
 RT: 10.50 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion:	180	Resp:	329114
Ion Ratio	Lower	Upper	
180	100		
182	96.3	76.4	114.6
145	30.3	23.6	35.4





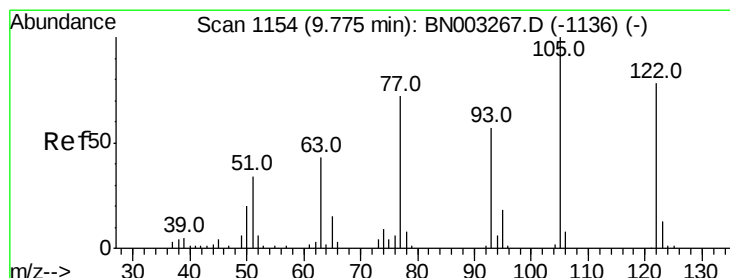
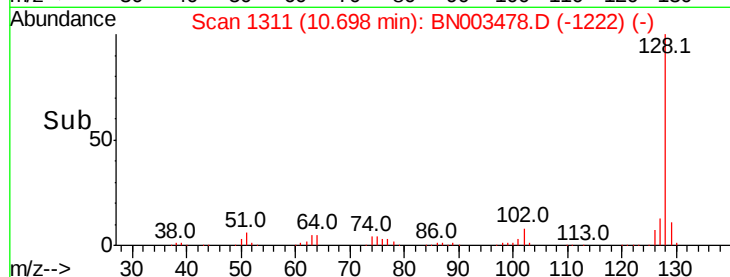
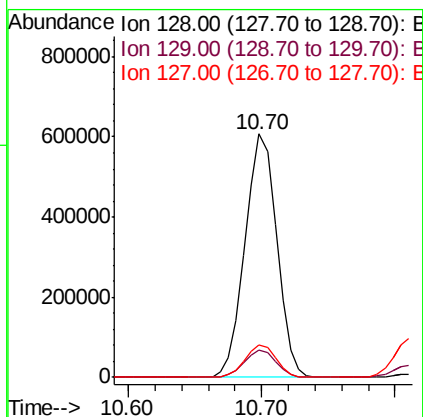
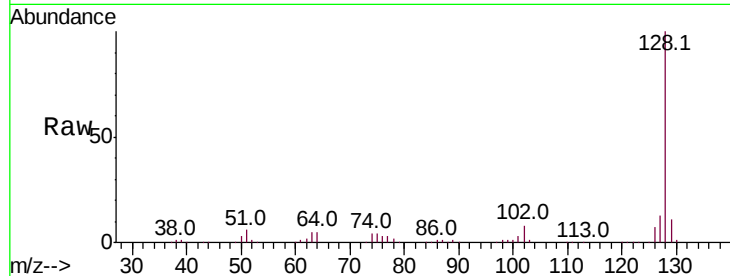
#31
Naphthalene
Concen: 48.625 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.0	13.6	
127	13.1	10.4	15.6	

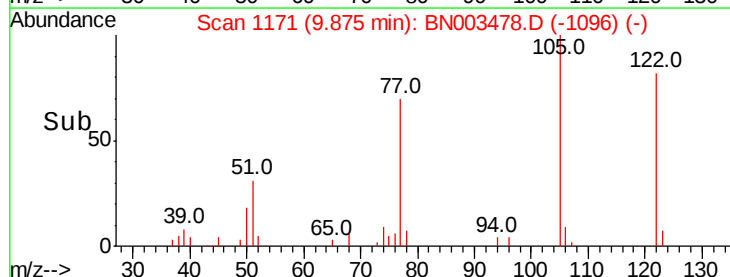
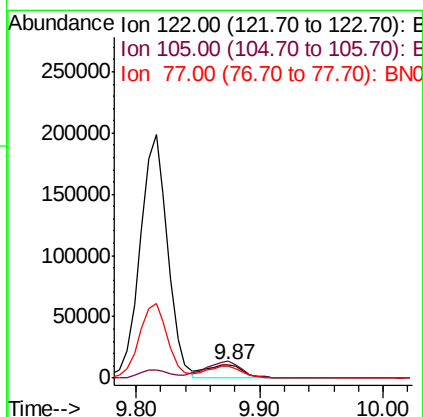
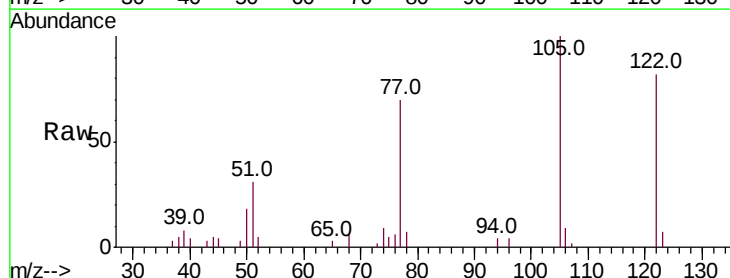
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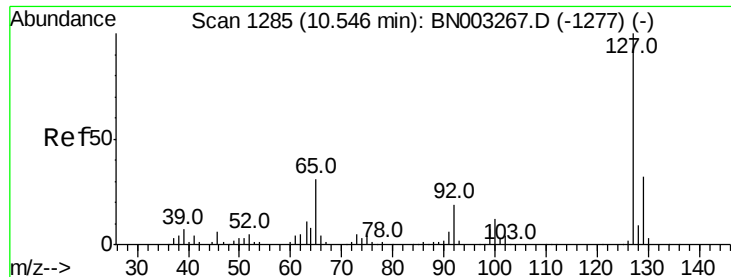
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#32
Benzoic acid
Concen: 9.600 ng m
RT: 9.87 min Scan# 1171
Delta R.T. -0.09 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.0	106.8	146.8	
77	85.9	71.9	111.9	





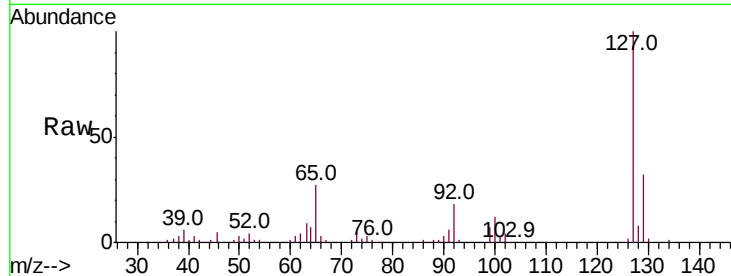
#33
4-Chloroaniline
Concen: 17.660 ng
RT: 10.81 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

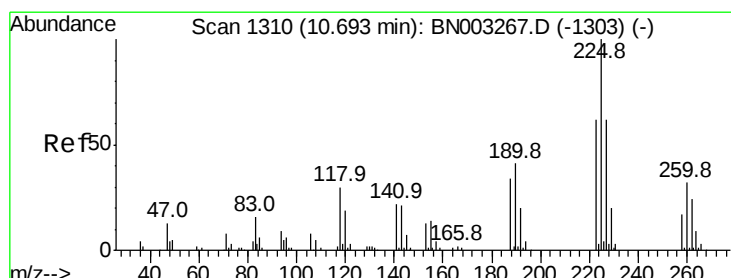
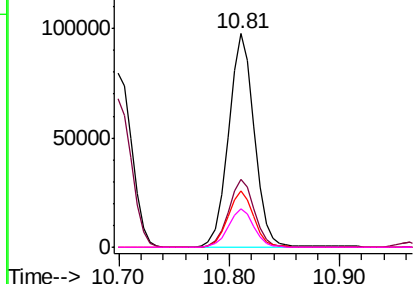
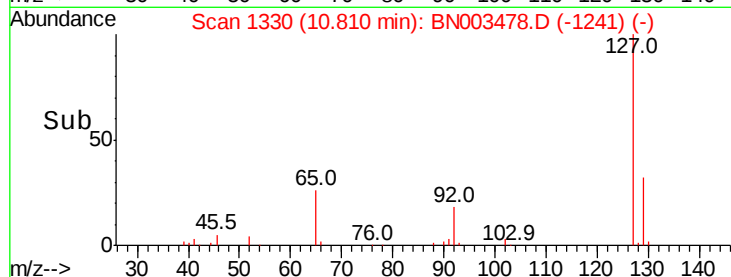
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	26.6	24.6	36.8
92	17.9	15.3	22.9

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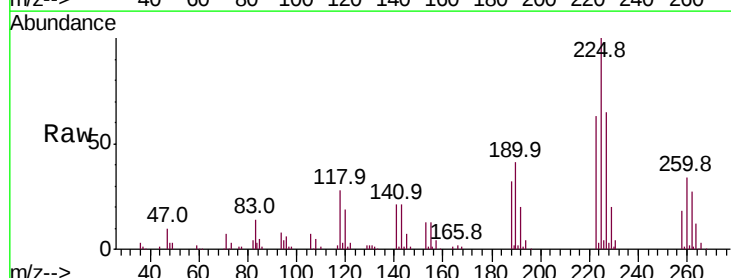


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

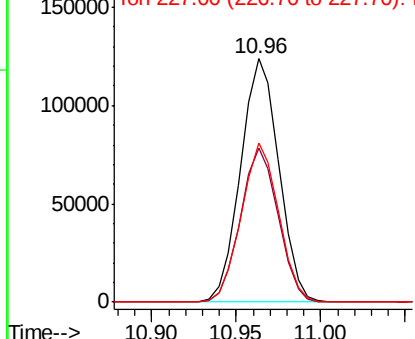
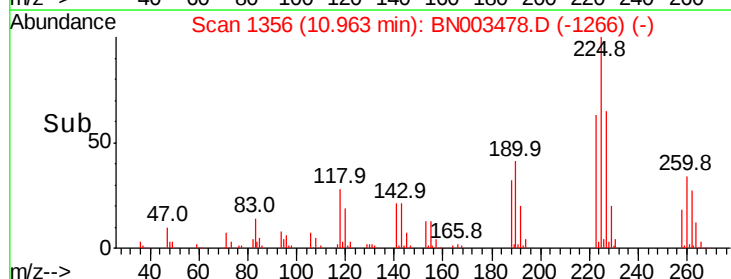


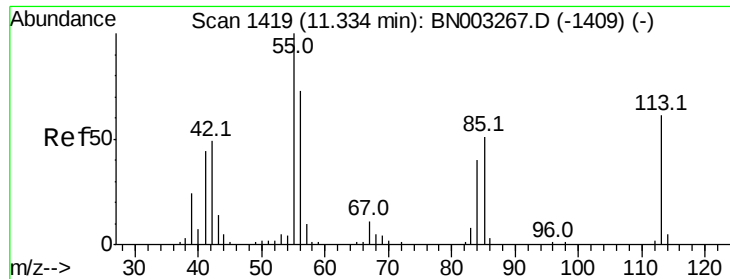
#34
Hexachlorobutadiene
Concen: 45.609 ng
RT: 10.96 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.8
227	65.1	49.6	74.4



Abundance Ion 225.00 (224.70 to 225.70): E
150000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.852 ng/ml

RT: 11.60 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion:113 Resp: 98384

Ion Ratio Lower Upper

113 100

55 143.1 144.2 184.2#

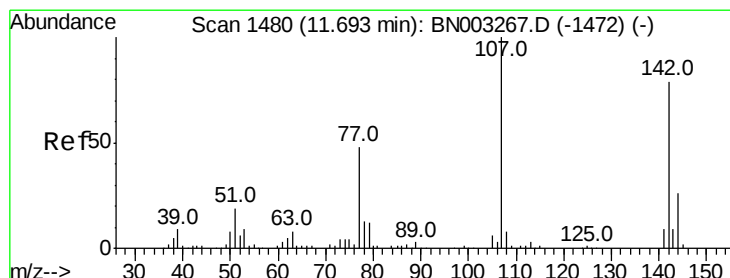
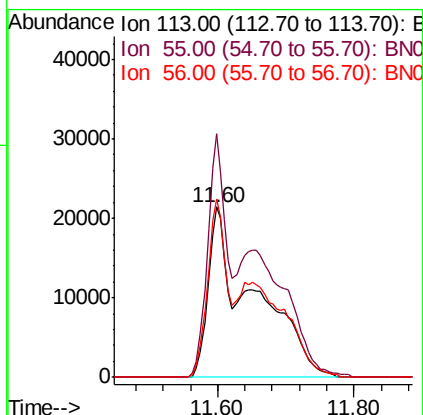
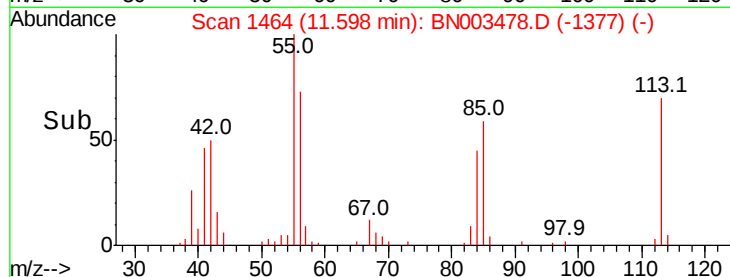
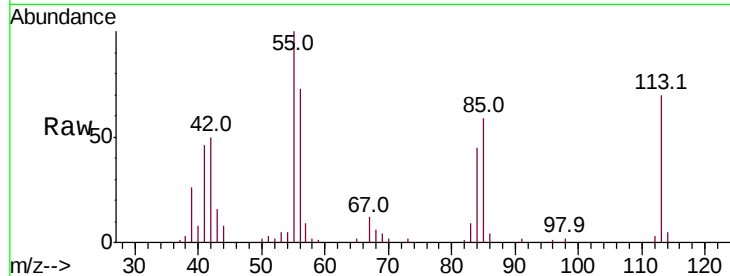
56 105.0 100.6 140.6

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#36

4-Chloro-3-methylphenol

Concen: 46.405 ng/ml

RT: 11.93 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

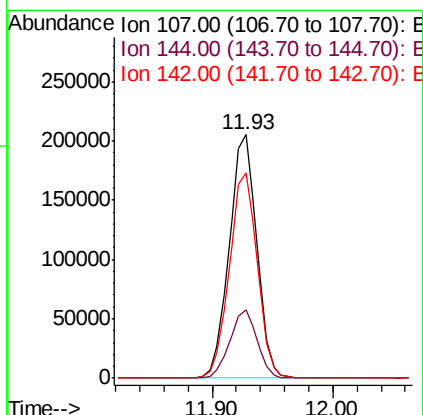
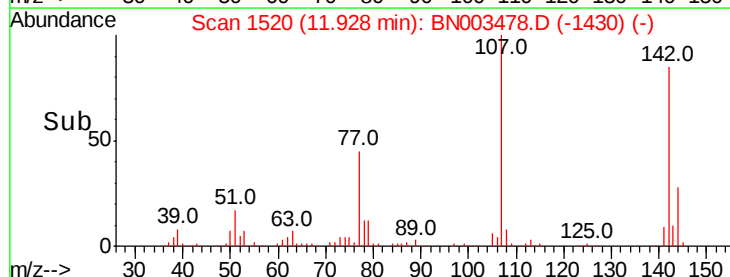
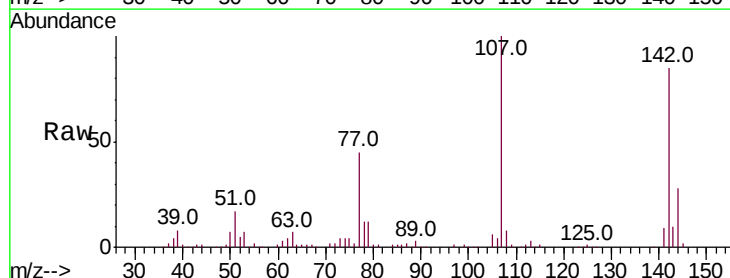
Tgt Ion:107 Resp: 326314

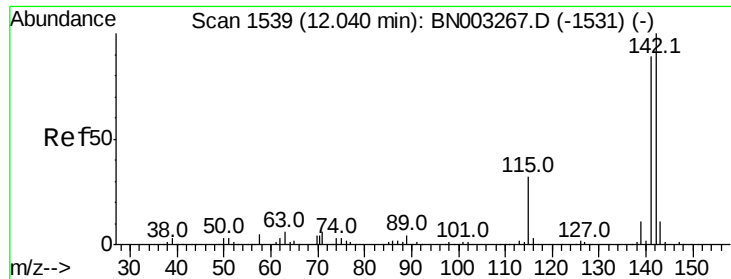
Ion Ratio Lower Upper

107 100

144 27.8 20.8 31.2

142 84.5 63.5 95.3





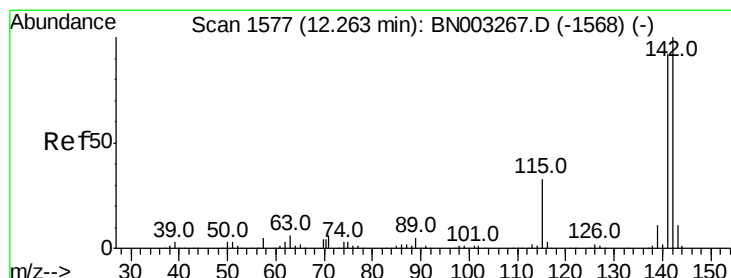
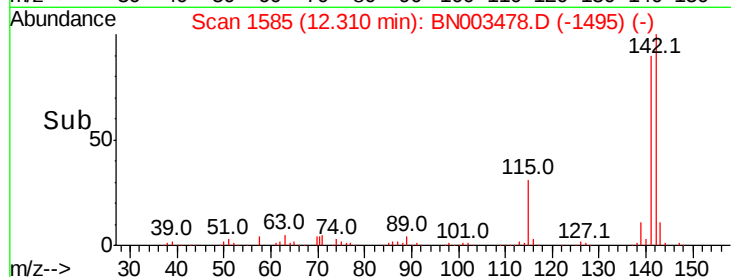
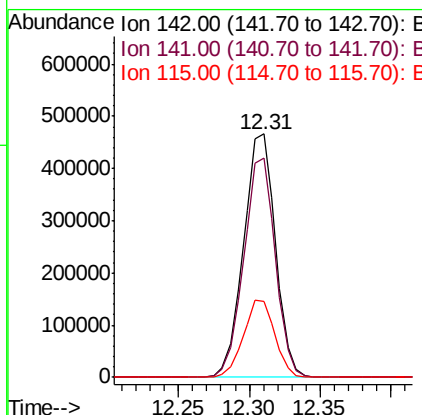
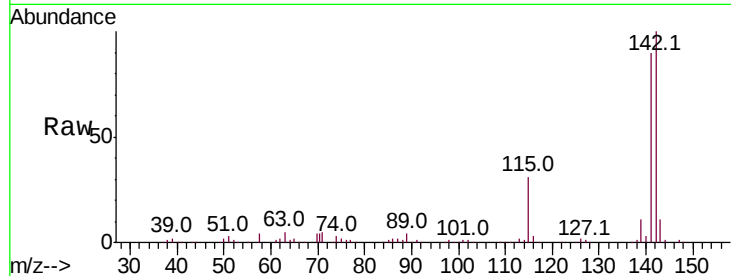
#37
 2-Methylnaphthalene
 Concen: 50.316 ng
 RT: 12.31 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.6	107.4
115	31.3	25.5	38.3

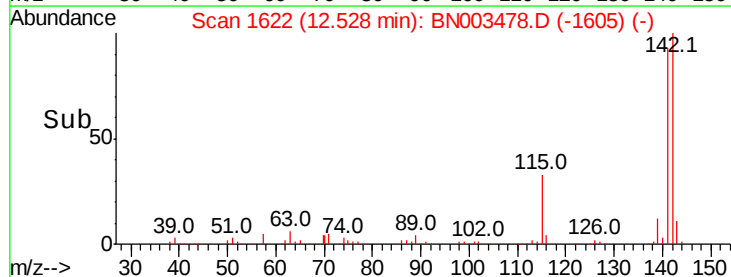
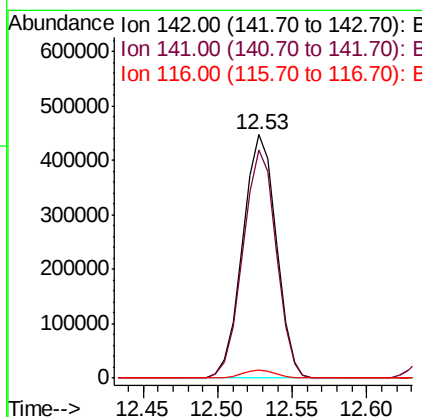
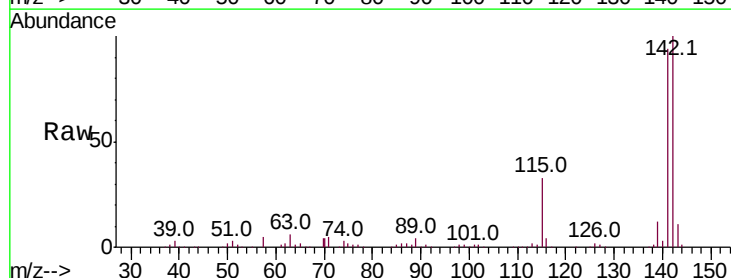
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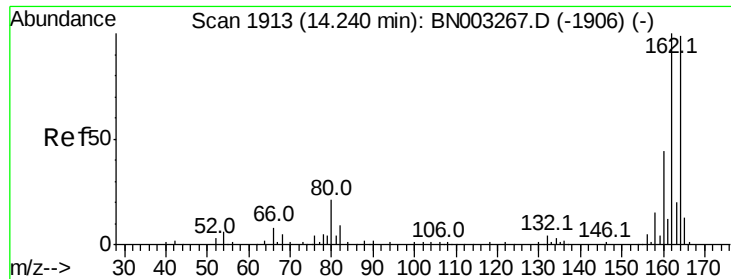
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#38
 1-Methylnaphthalene
 Concen: 48.729 ng
 RT: 12.53 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.6	110.4
116	3.6	2.8	4.2





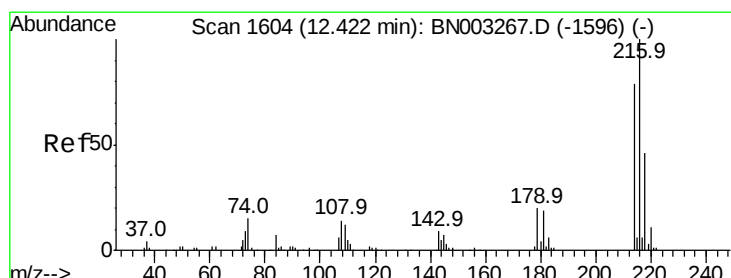
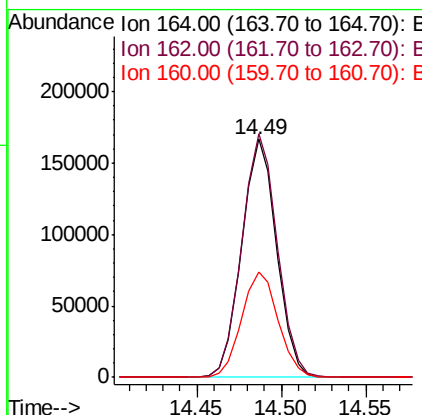
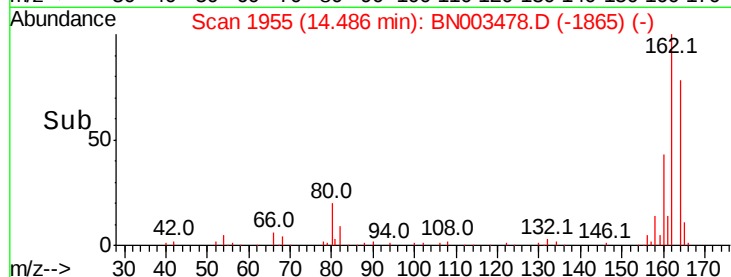
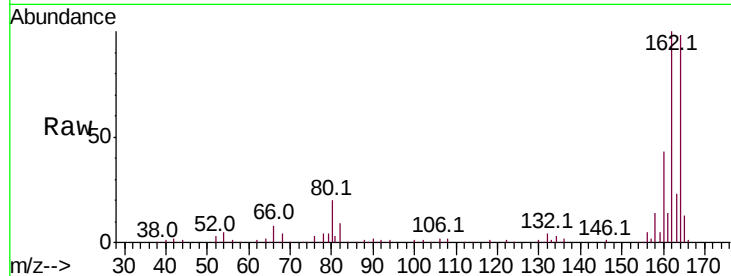
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.8	121.2
160	44.5	35.5	53.3

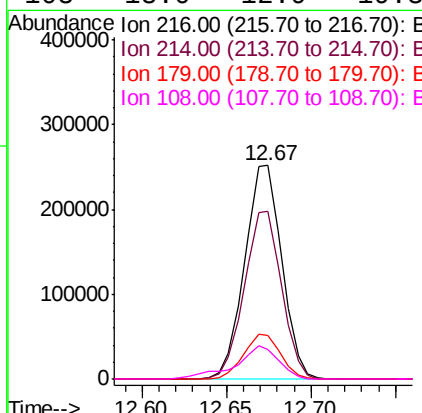
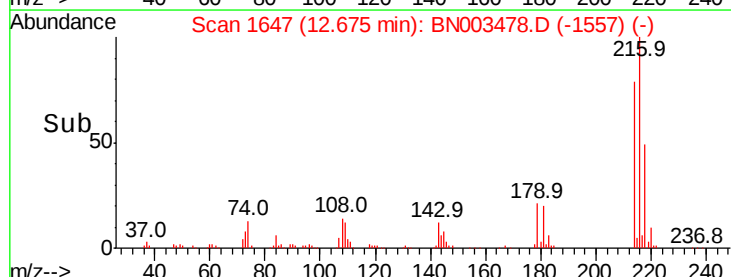
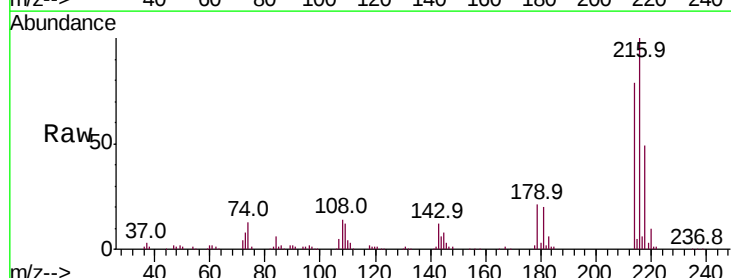
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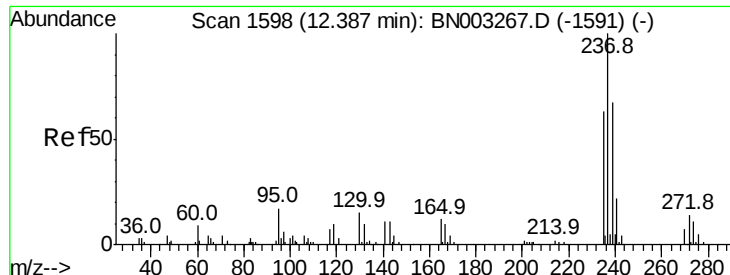
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.683 ng
RT: 12.67 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.8	94.2
179	20.7	16.0	24.0
108	18.0	12.9	19.3





#41

Hexachlorocyclopentadiene

Concen: 136.563 ng

RT: 12.64 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

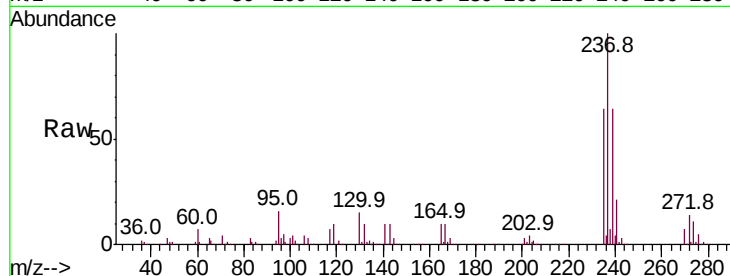
ClientSampleId :

EP2-SB-104(15-17)MSD

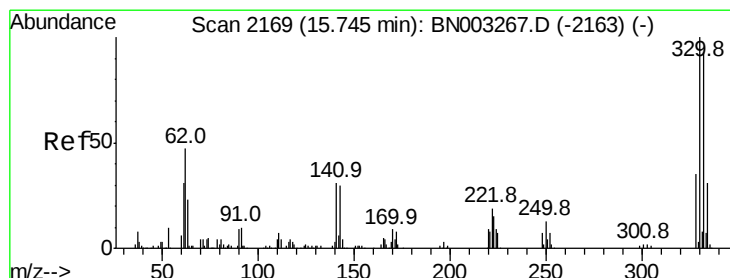
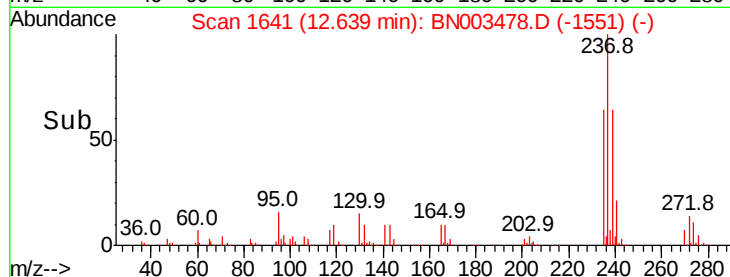
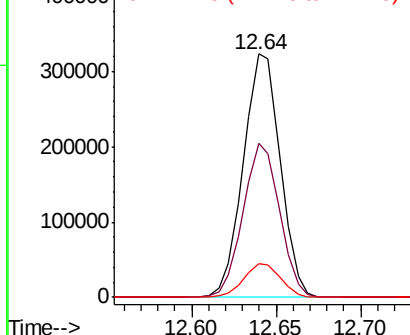
Tot Ion:	237	Resp:	493606
Ion Ratio	Lower	Upper	
237	100		
235	63.5	42.8	82.8
272	13.9	0.0	33.5

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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: 150.869 ng

RT: 15.98 min Scan# 2209

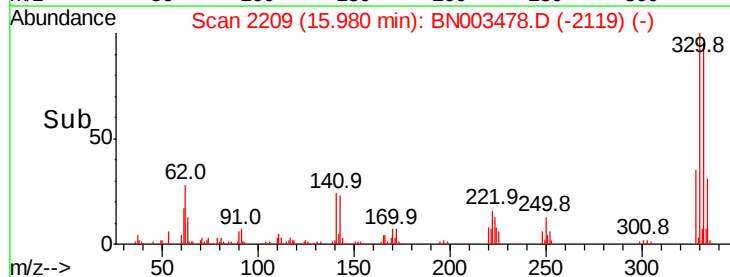
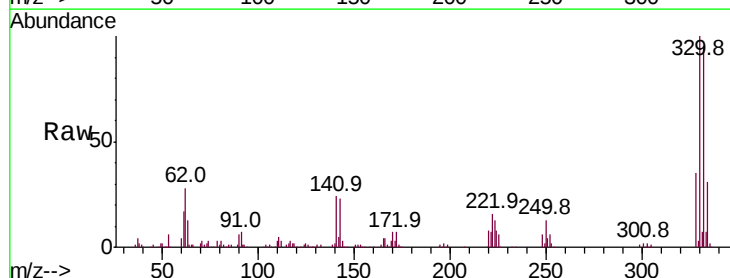
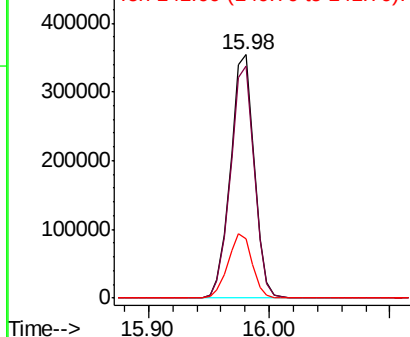
Delta R.T. -0.00 min

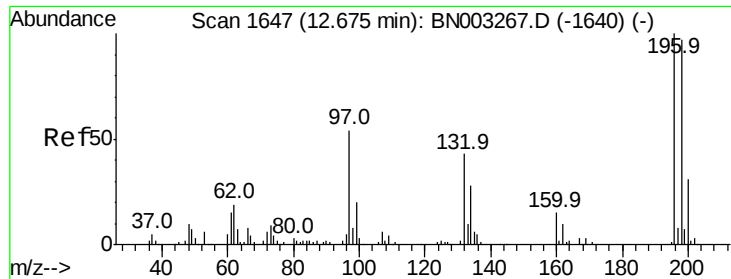
Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion:	330	Resp:	486574
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.6	114.8
141	26.8	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





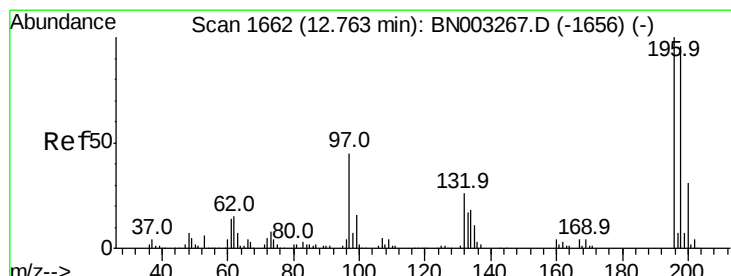
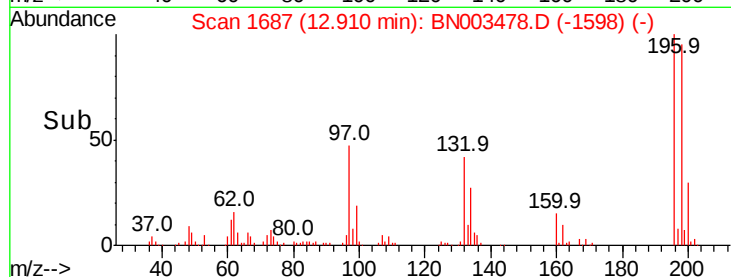
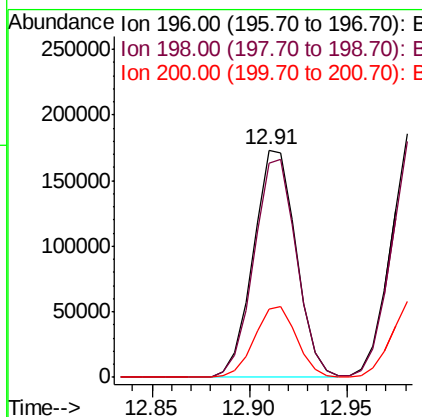
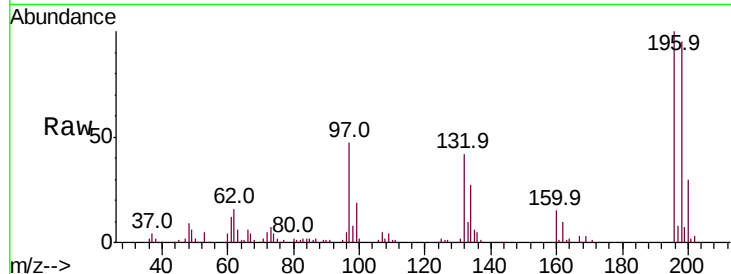
#43
 2,4,6-Trichlorophenol
 Concen: 52.569 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	263170		
198	94.6	77.4	116.0	
200	30.3	25.0	37.6	

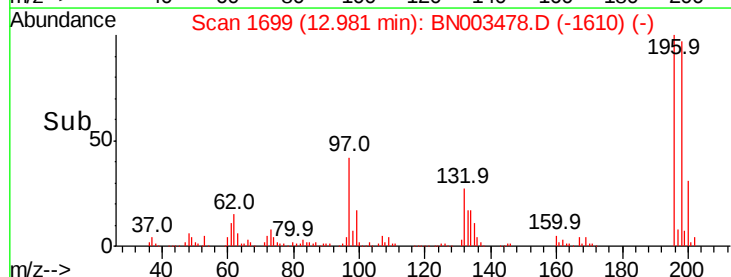
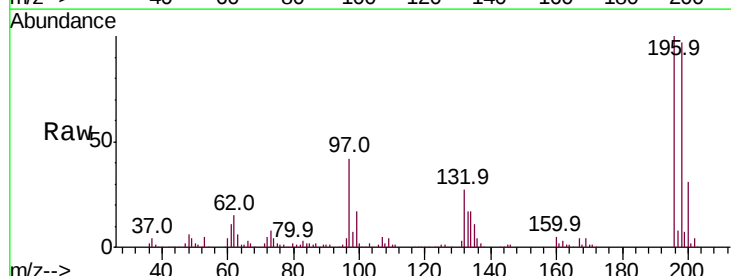
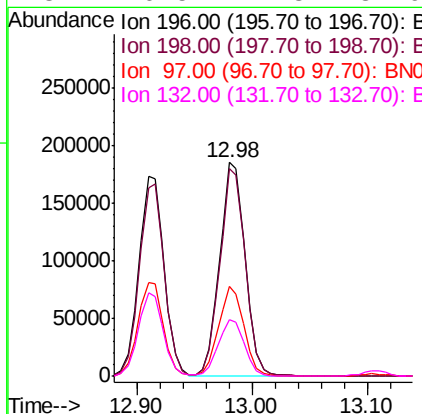
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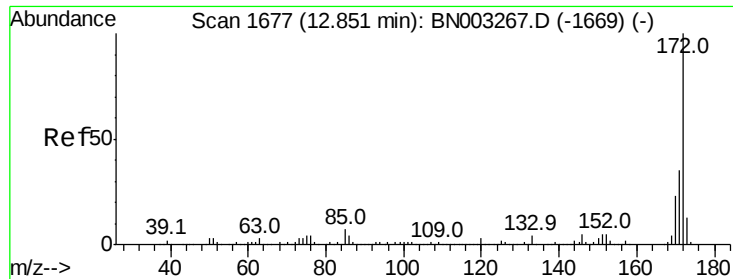
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#44
 2,4,5-Trichlorophenol
 Concen: 54.210 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	283071		
198	97.0	76.8	115.2	
97	41.9	35.8	53.8	
132	26.5	21.3	31.9	





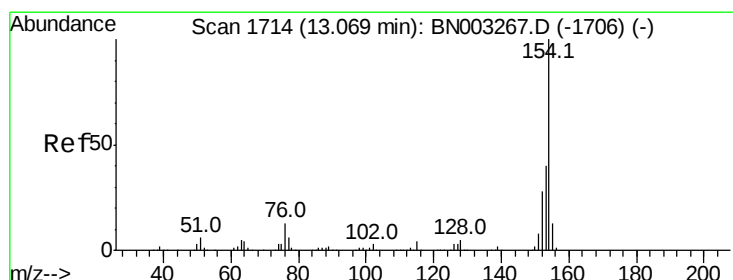
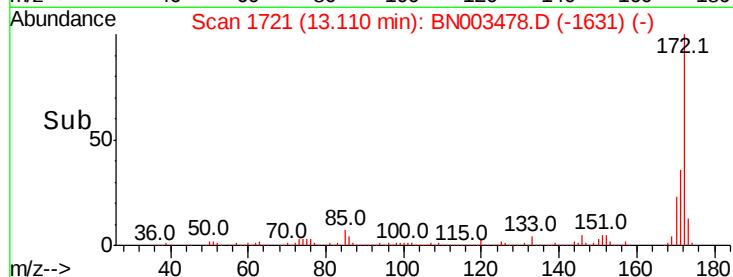
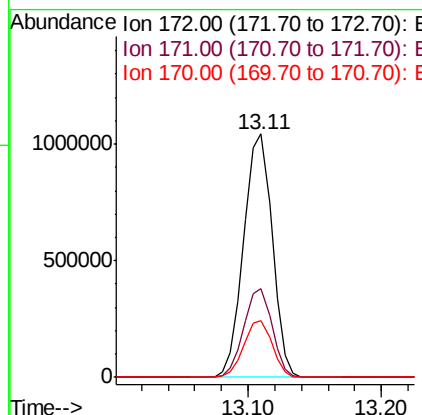
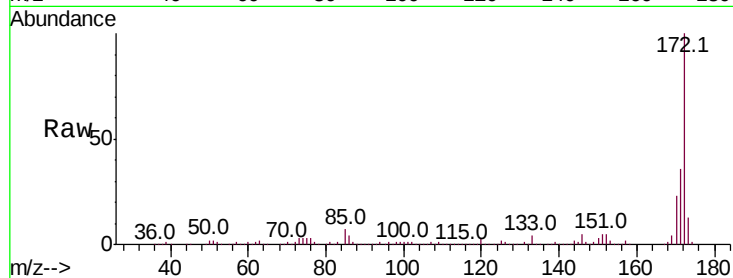
#45
 2-Fluorobiphenyl
 Concen: 87.252 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.4
170	23.4	18.4	27.6

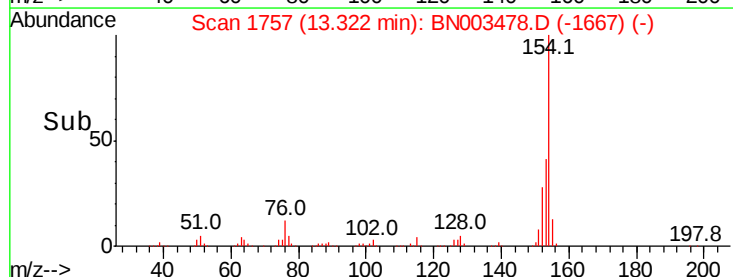
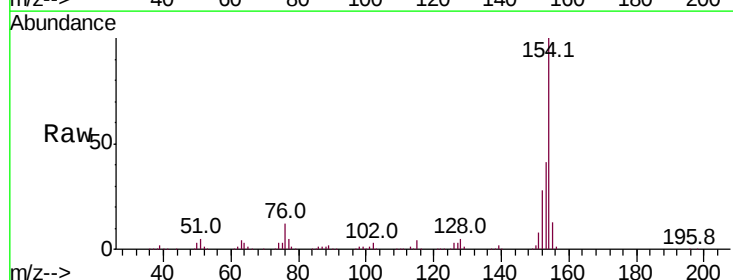
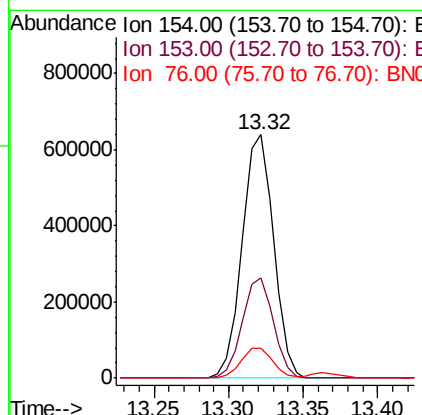
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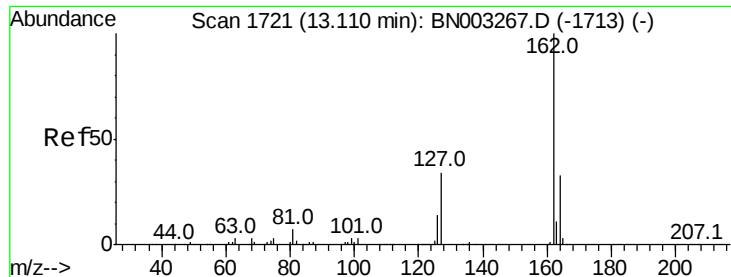
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#46
 1,1'-Biphenyl
 Concen: 44.393 ng
 RT: 13.32 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.5	60.5
76	12.3	0.0	33.3





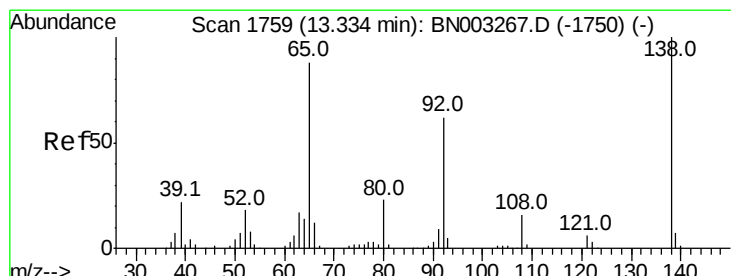
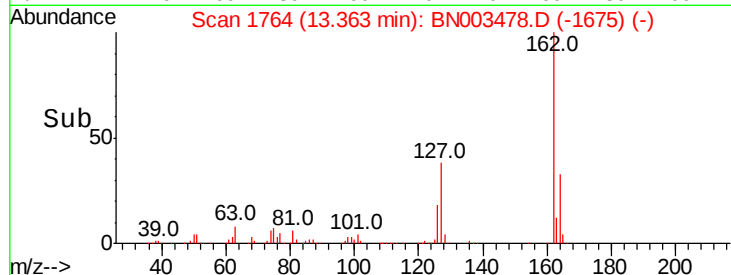
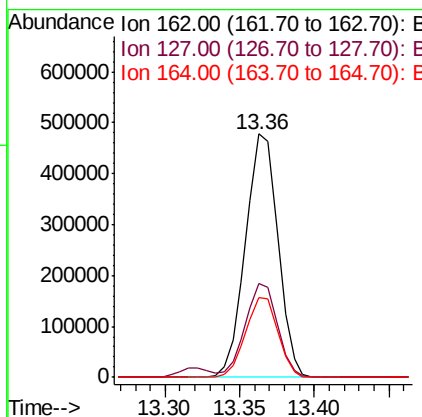
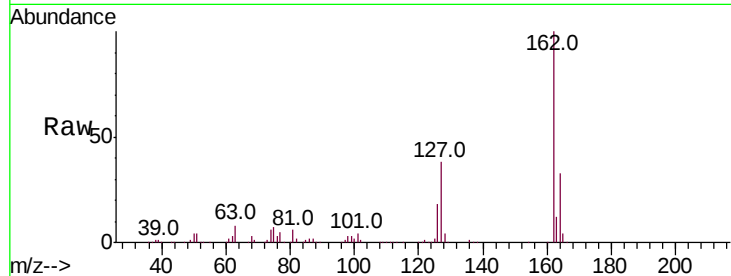
#47
2-Chloronaphthalene
Concen: 46.485 ng
RT: 13.36 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	29.8	44.6
164	33.0	26.3	39.5

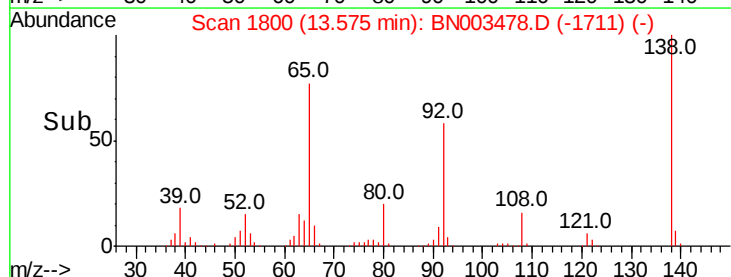
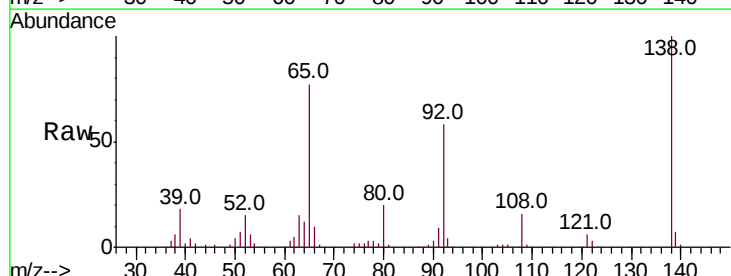
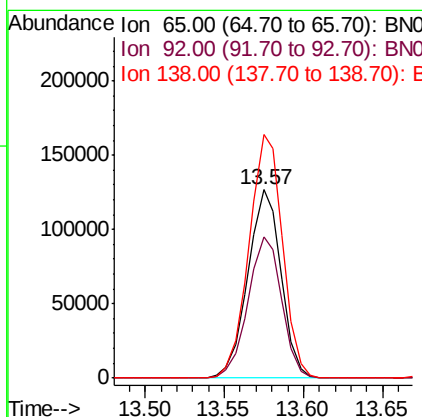
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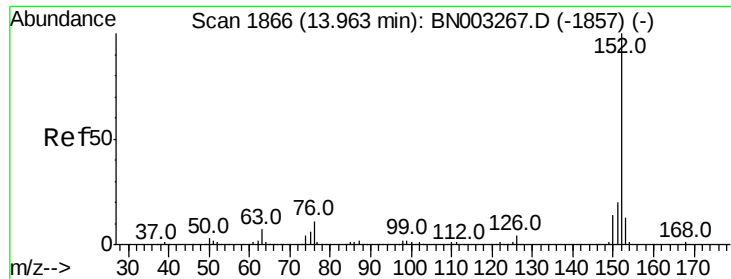
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#48
2-Nitroaniline
Concen: 40.524 ng
RT: 13.57 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	56.1	84.1
138	129.5	90.6	136.0





#49

Acenaphthylene

Concen: 48.935 ng

RT: 14.21 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion:152 Resp: 1161424

Ion Ratio Lower Upper

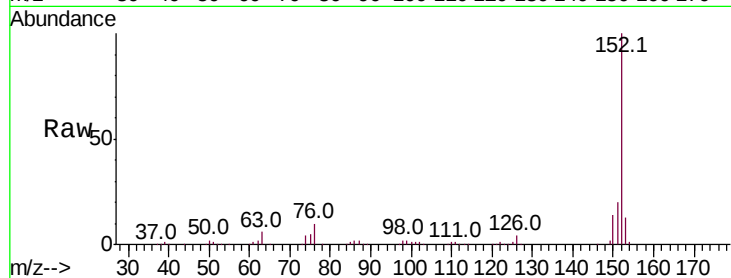
152 100

151 20.3 15.8 23.6

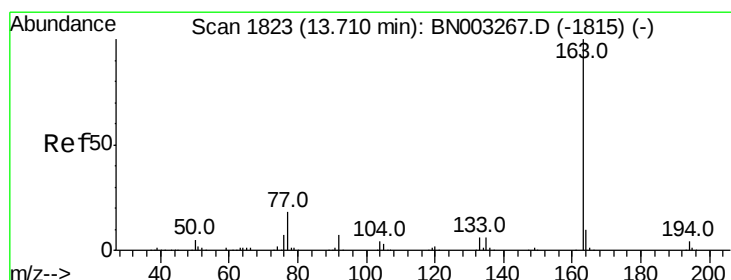
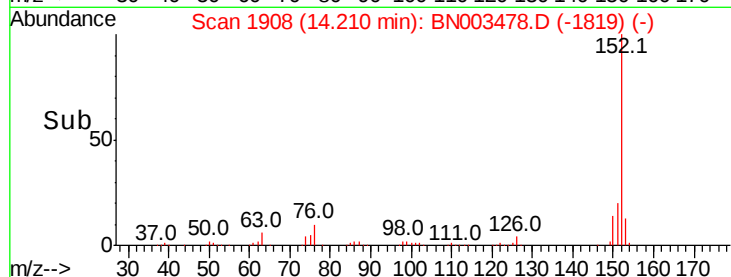
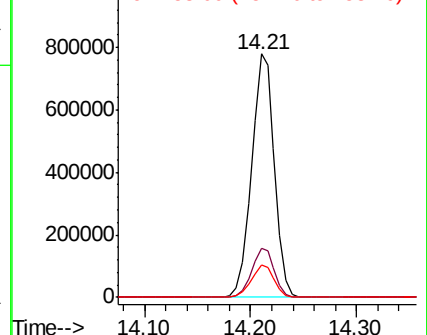
153 13.4 10.3 15.5

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



#50

Dimethylphthalate

Concen: 56.148 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

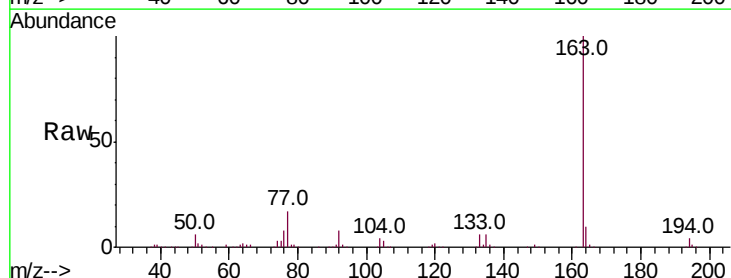
Tgt Ion:163 Resp: 1087366

Ion Ratio Lower Upper

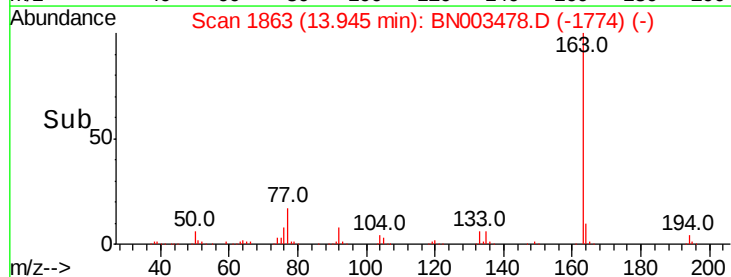
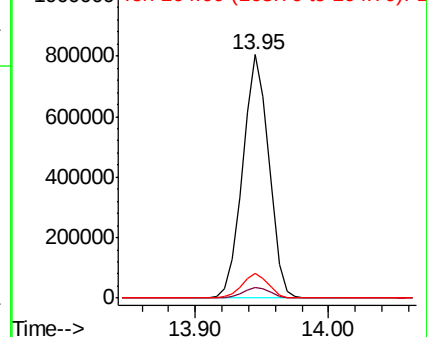
163 100

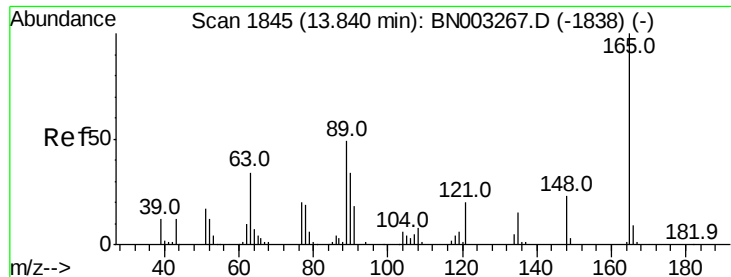
194 4.5 3.4 5.2

164 10.2 7.9 11.9



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





#51

2,6-Dinitrotoluene

Concen: 45.690 ng

RT: 14.07 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

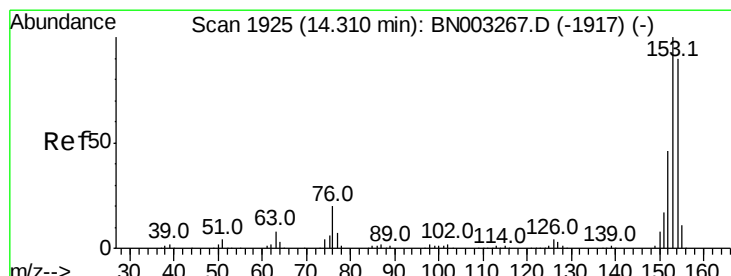
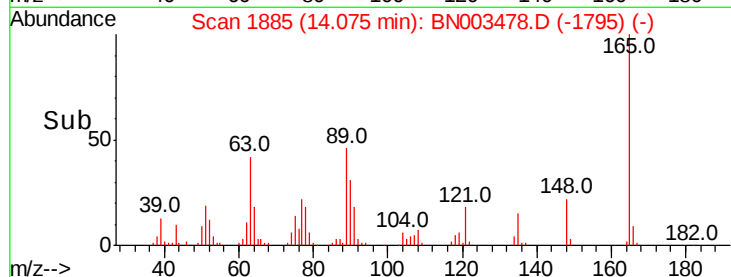
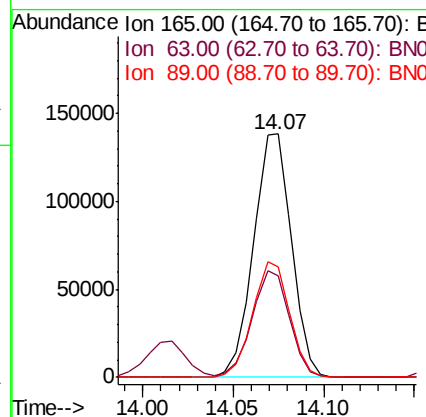
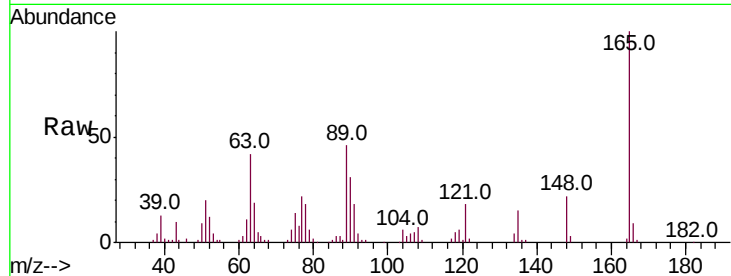
ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	39.2	58.8
89	45.5	38.9	58.3

Manual Integrations
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#52

Acenaphthene

Concen: 46.498 ng

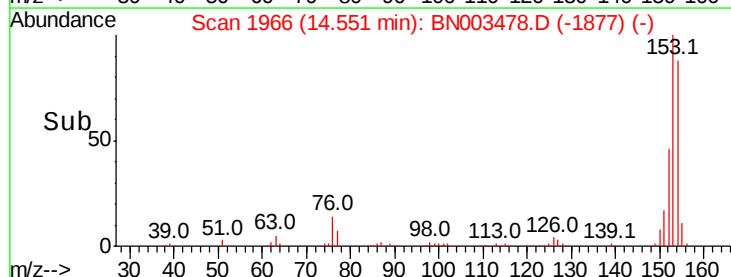
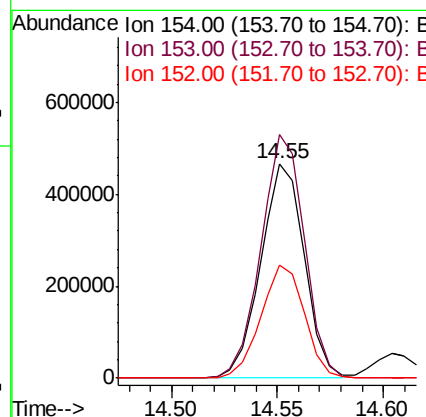
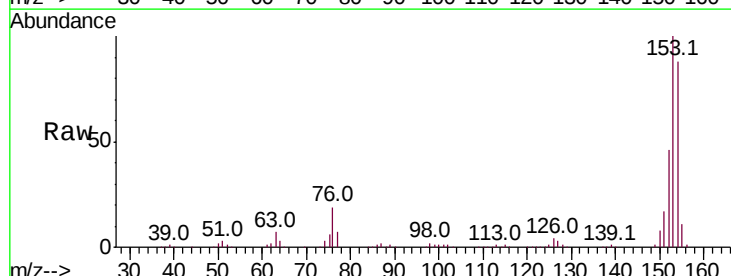
RT: 14.55 min Scan# 1966

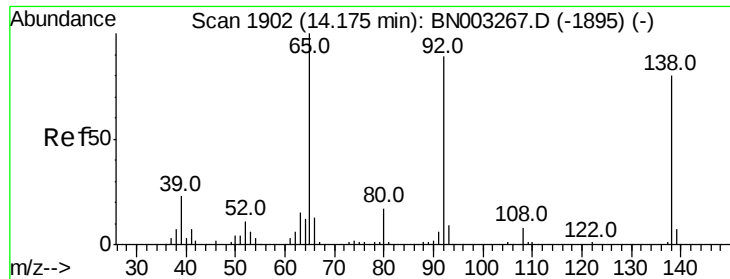
Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.3	133.9
152	52.7	41.2	61.8





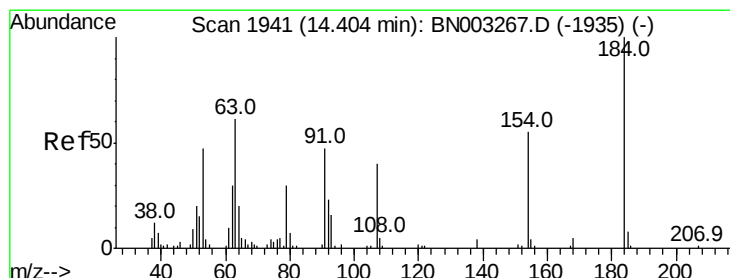
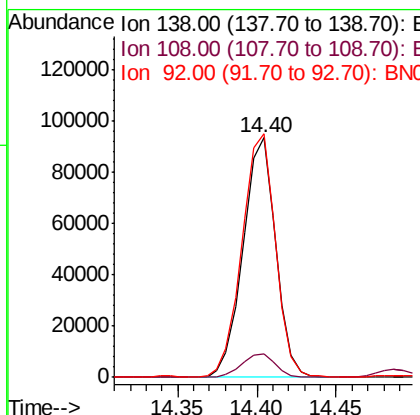
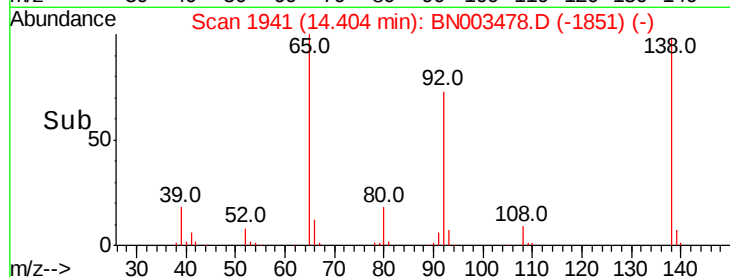
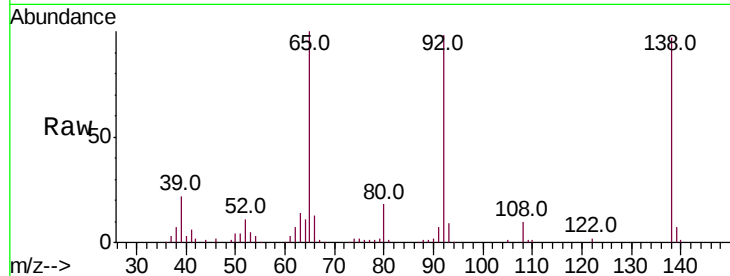
#53
3-Nitroaniline
Concen: 28.493 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.4	12.6
92	101.7	89.6	134.4

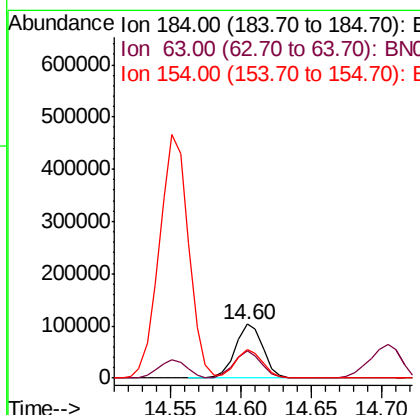
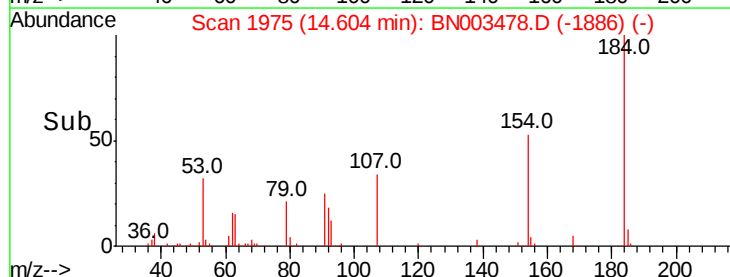
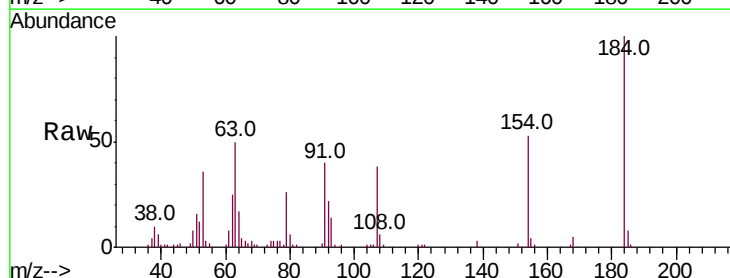
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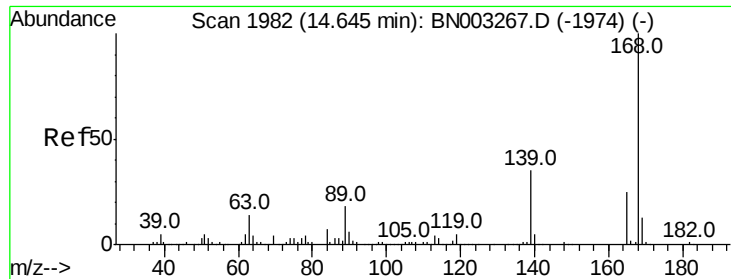
Sohil
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#54
2,4-Dinitrophenol
Concen: 57.704 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.0	49.0	73.4
154	53.2	44.2	66.2





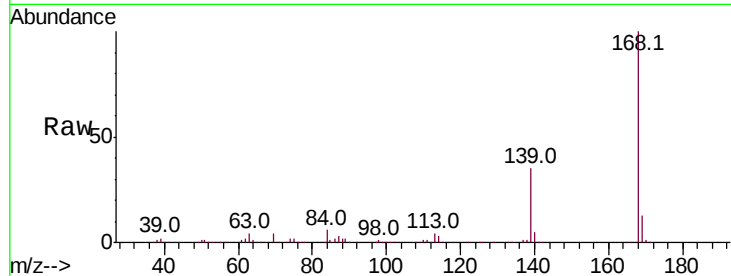
#55
Dibenzenofuran
Concen: 45.816 ng
RT: 14.89 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

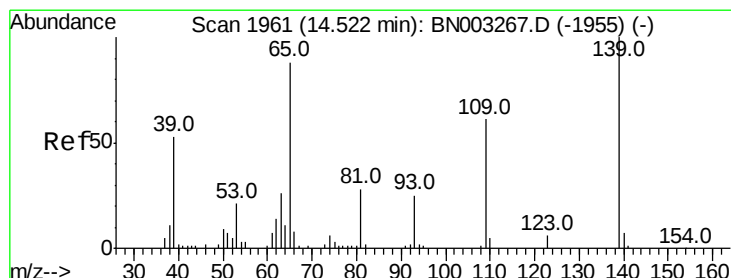
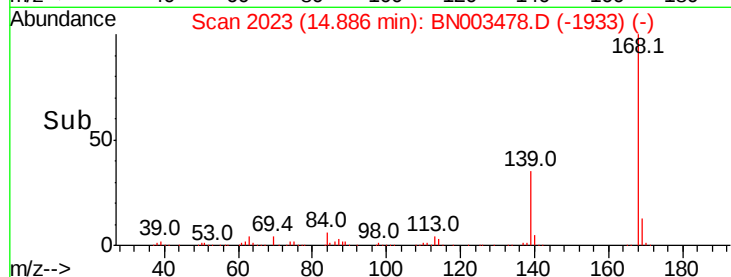
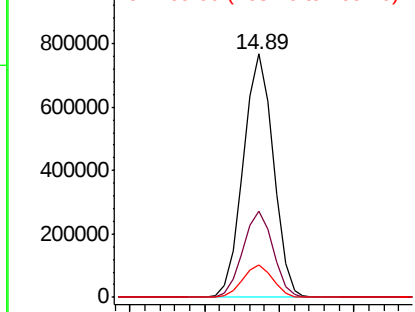
Tot Ion:168 Resp: 1071887
Ion Ratio Lower Upper
168 100
139 35.5 28.5 42.7
169 13.3 10.3 15.5

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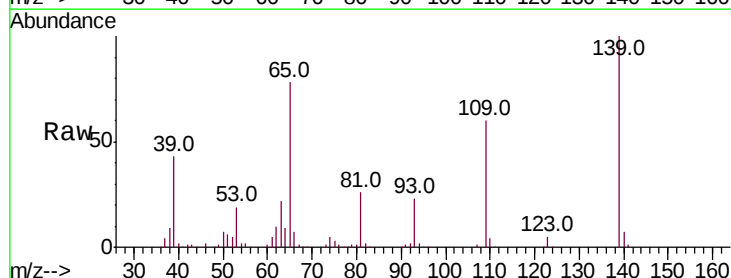


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

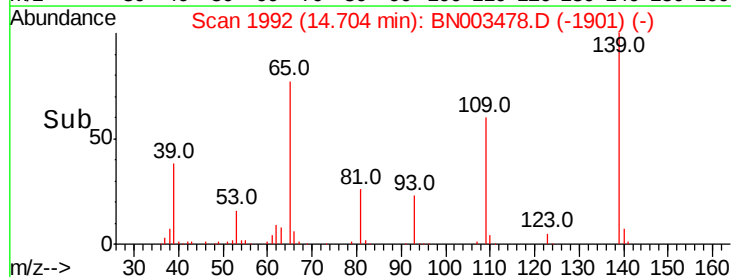
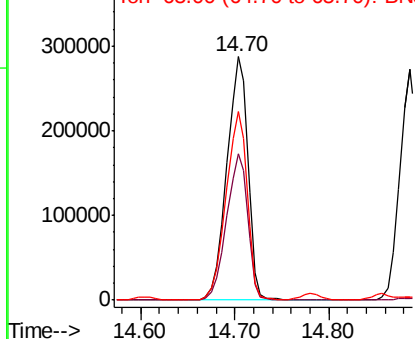


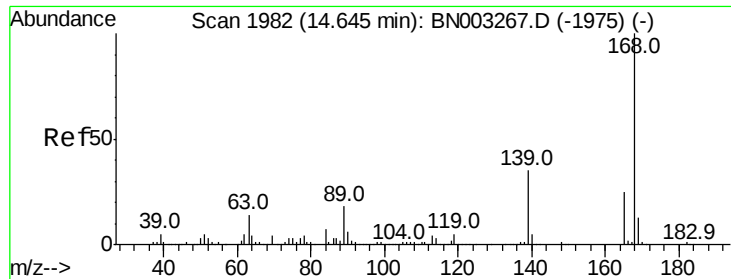
#56
4-Nitrophenol
Concen: 129.070 ng
RT: 14.70 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion:139 Resp: 449216
Ion Ratio Lower Upper
139 100
109 60.1 40.7 80.7
65 77.5 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





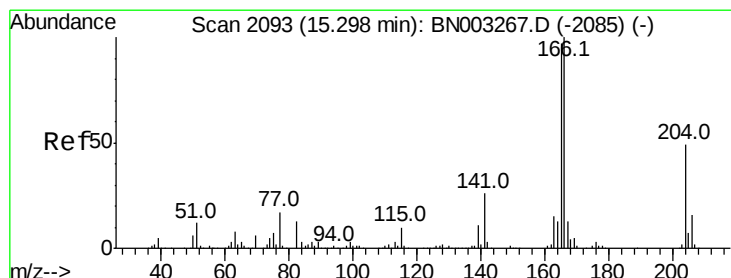
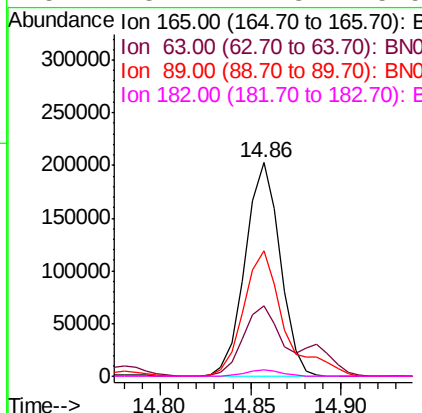
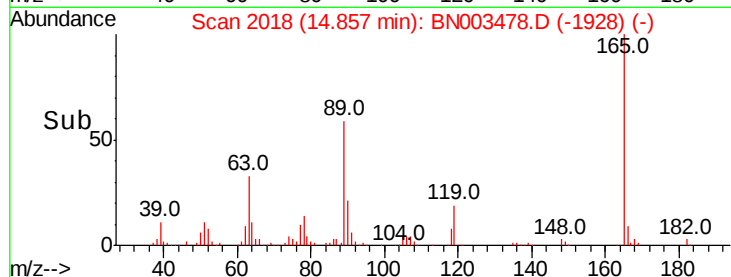
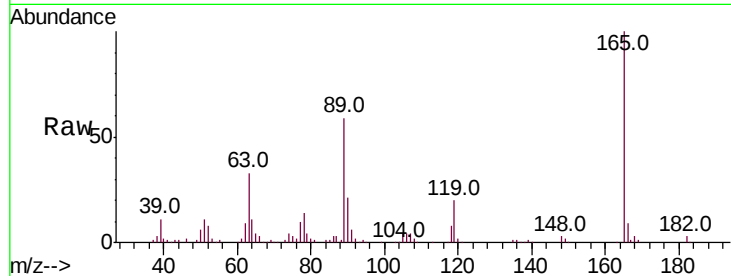
#57
 2,4-Dinitrotoluene
 Concen: 45.451 ng
 RT: 14.86 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	270880		
63	32.8	45.8	68.6	#
89	58.8	58.7	88.1	
182	3.2	2.3	3.5	

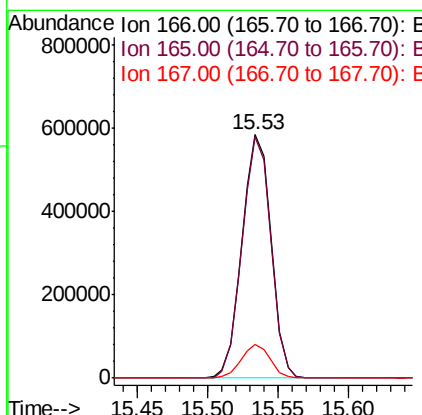
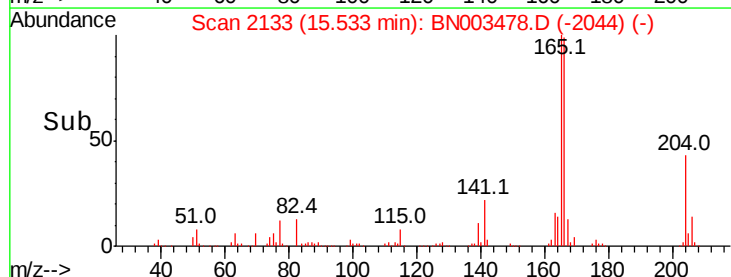
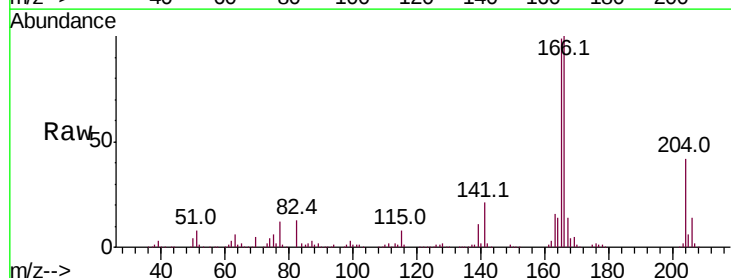
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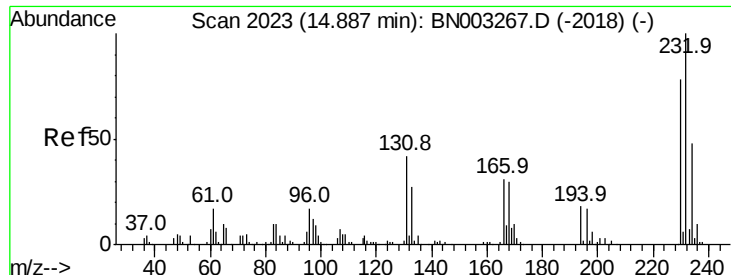
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#58
 Fluorene
 Concen: 46.590 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	841116		
165	98.9	77.6	116.4	
167	13.9	10.6	16.0	





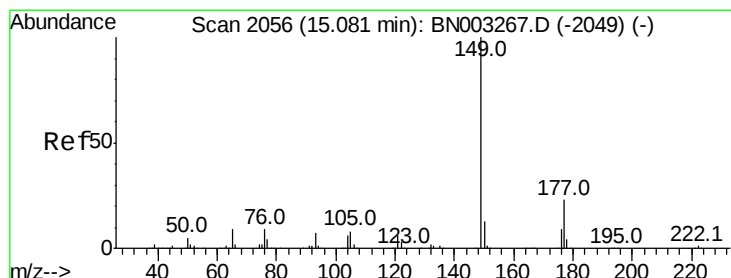
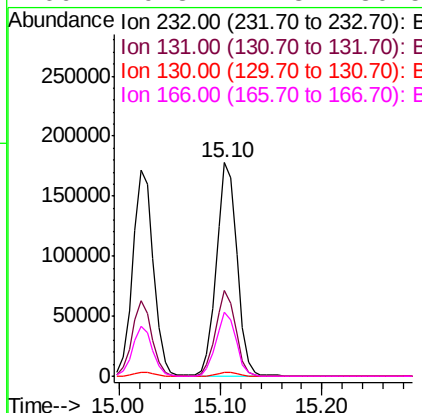
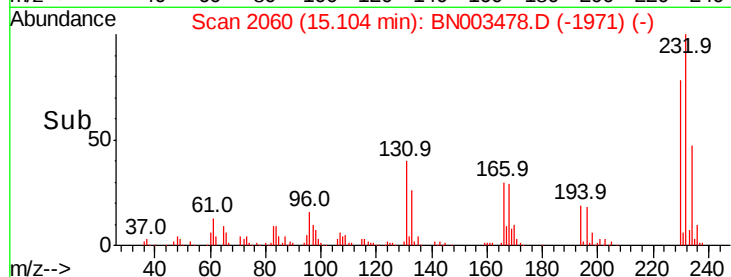
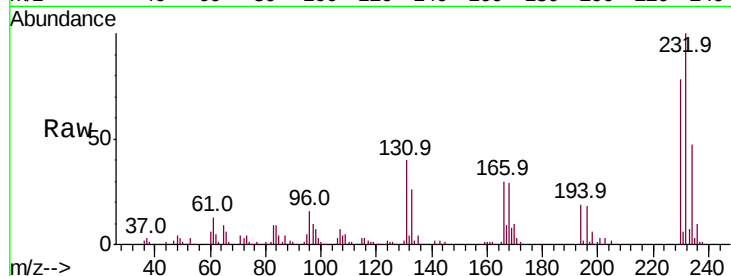
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.819 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.7	50.5
130	1.9	1.6	2.4
166	29.3	24.3	36.5

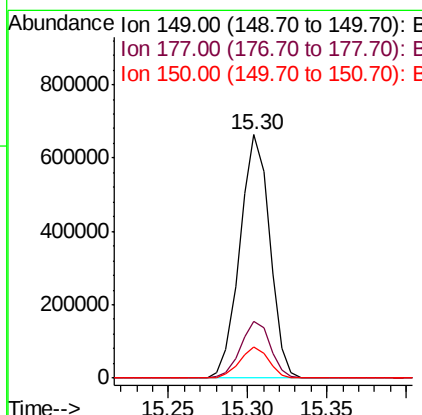
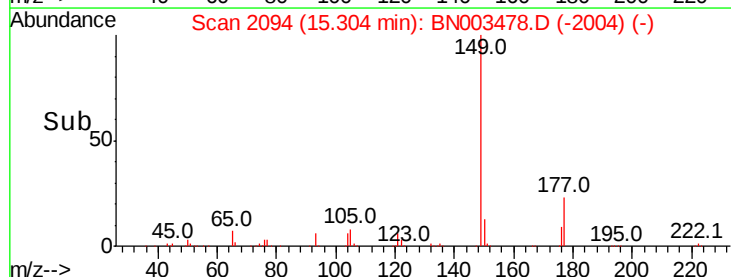
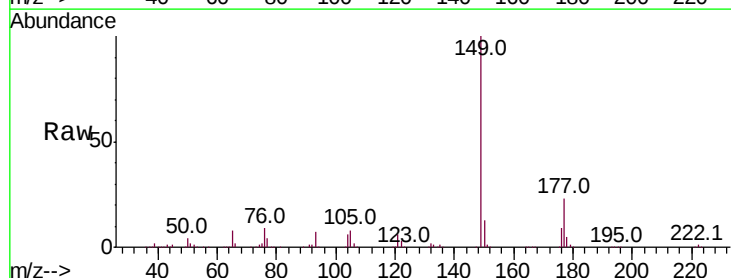
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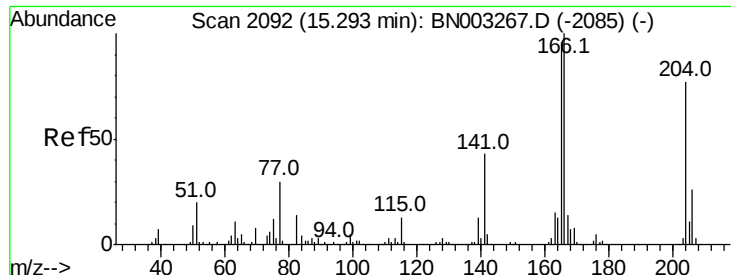
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#60
 Diethylphthalate
 Concen: 44.165 ng
 RT: 15.30 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.6	28.0
150	13.0	10.0	15.0





#61

4-Chlorophenyl-phenylether

Concen: 44.737 ng

RT: 15.53 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

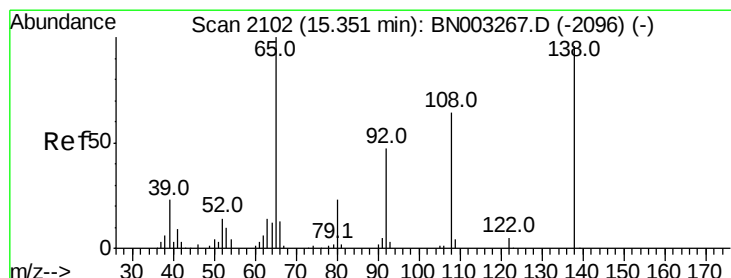
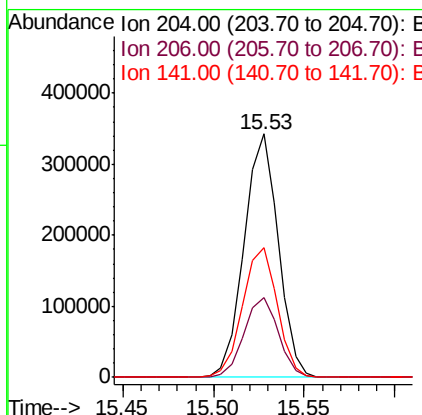
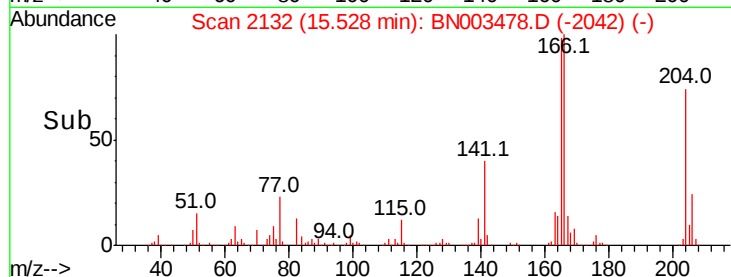
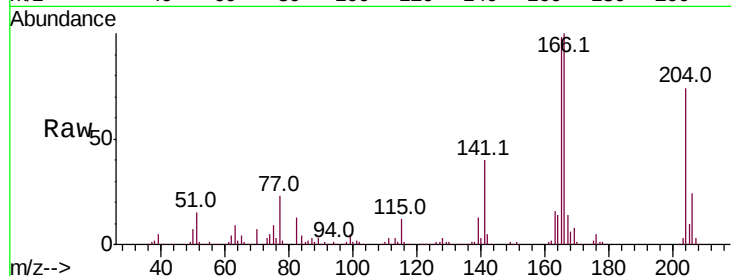
ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion:	204	Resp:	448720
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.6	39.8
141	53.3	44.6	67.0

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#62

4-Nitroaniline

Concen: 42.510 ng

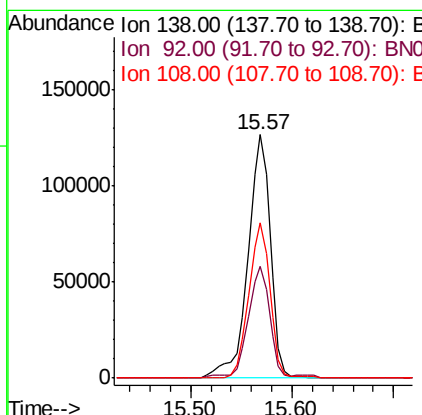
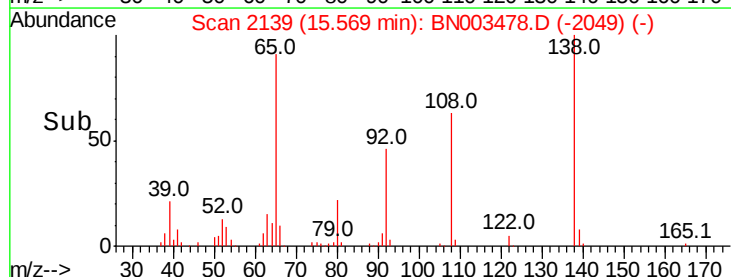
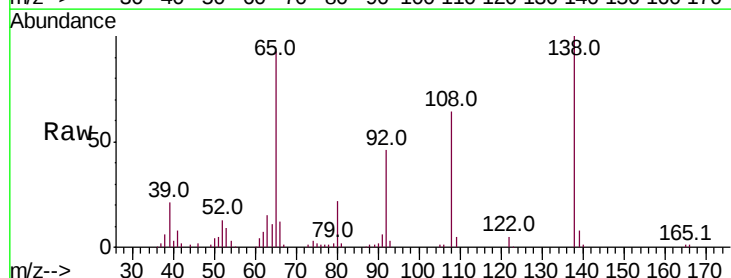
RT: 15.57 min Scan# 2139

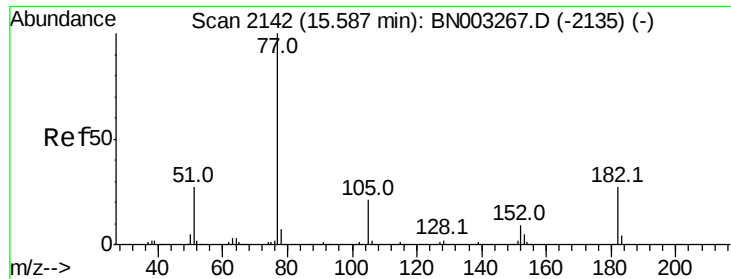
Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion:	138	Resp:	195139
Ion Ratio	Lower	Upper	
138	100		
92	46.1	27.9	67.9
108	64.0	46.3	86.3





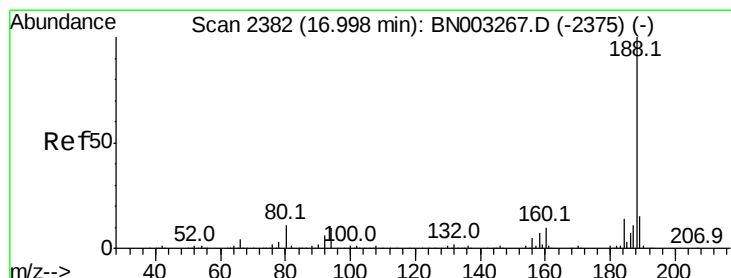
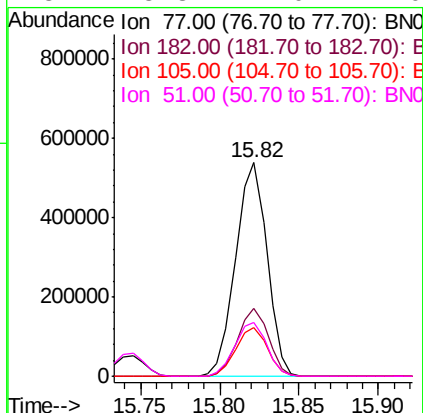
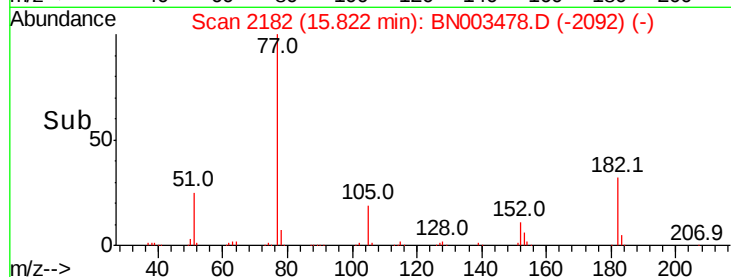
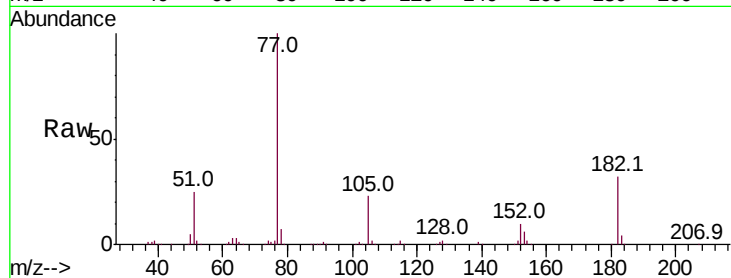
#63
Azobenzene
Concen: 40.794 ng
RT: 15.82 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.7	6.5	46.5		
105	22.8	1.0	41.0		
51	25.3	7.0	47.0		

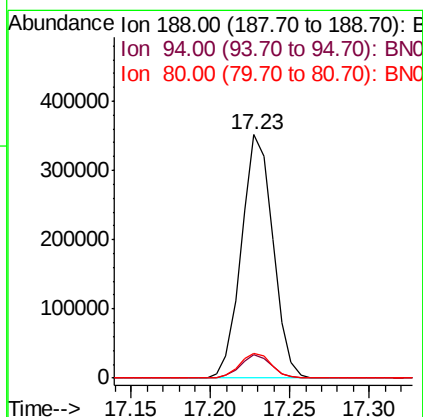
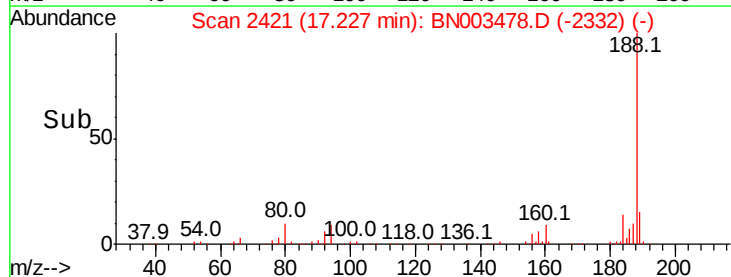
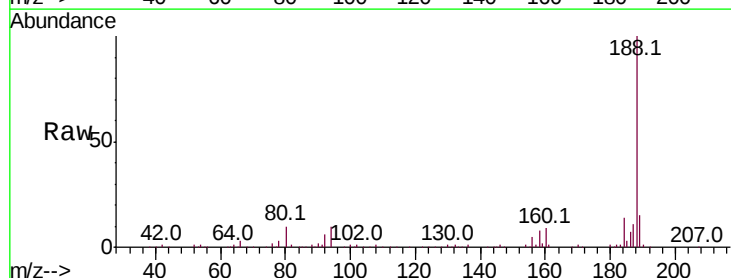
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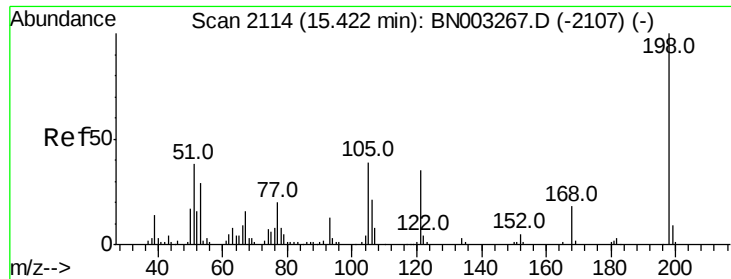
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.9	8.1	12.1		
80	10.3	8.6	13.0		





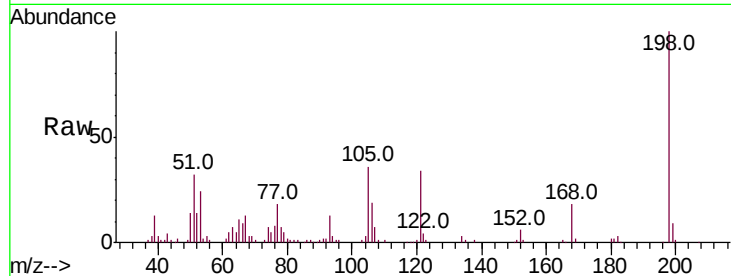
#65
4,6-Dinitro-2-methylphenol
Concen: 40.899 ng
RT: 15.62 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

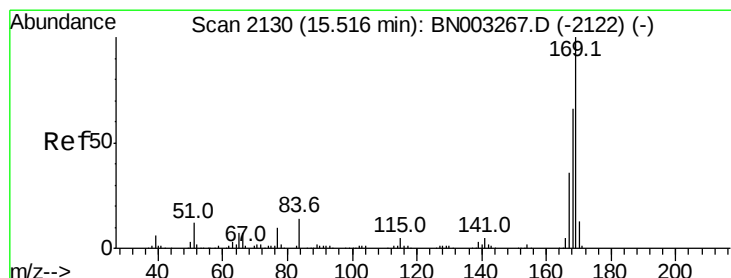
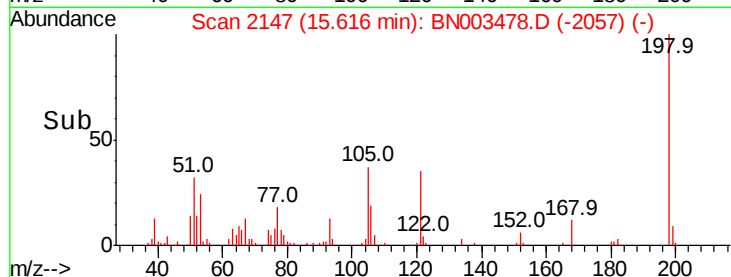
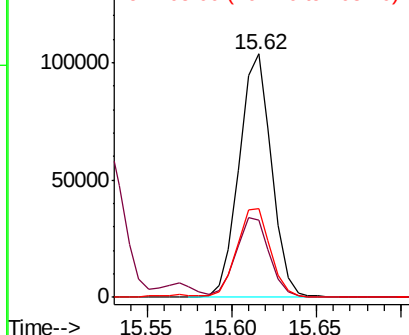
Tot Ion	Ratio	Resp	Lower	Upper
198	100	138730		
51	31.9	19.2	59.2	
105	36.5	18.9	58.9	

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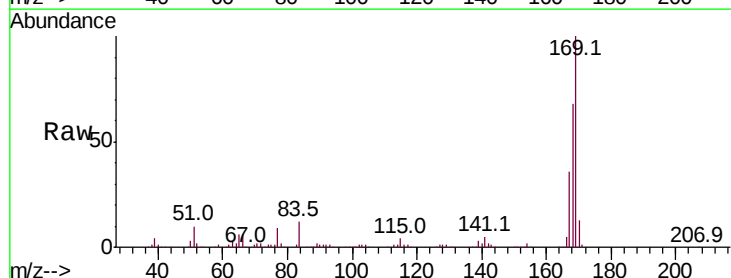


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNO
Ion 105.00 (104.70 to 105.70): E

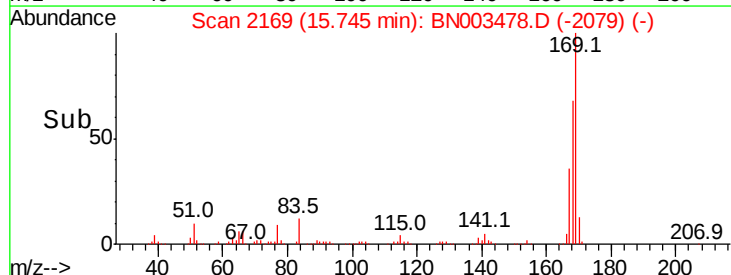
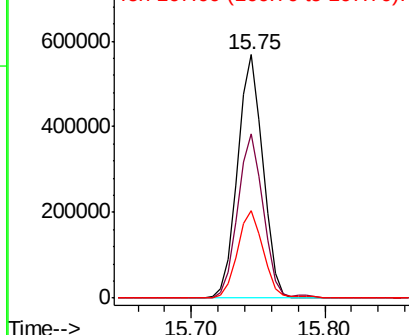


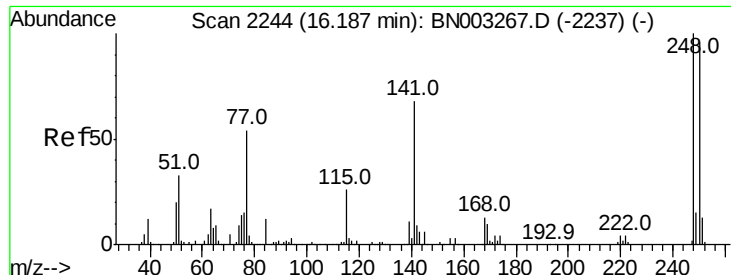
#66
n-Nitrosodiphenylamine
Concen: 49.075 ng
RT: 15.75 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	746844		
168	67.6	53.3	79.9	
167	35.8	28.6	43.0	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





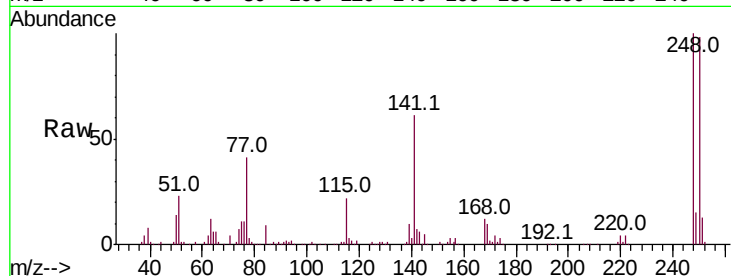
#67
4-Bromophenyl-phenylether
Concen: 52.641 ng
RT: 16.42 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.4	114.6
141	61.0	54.2	81.4

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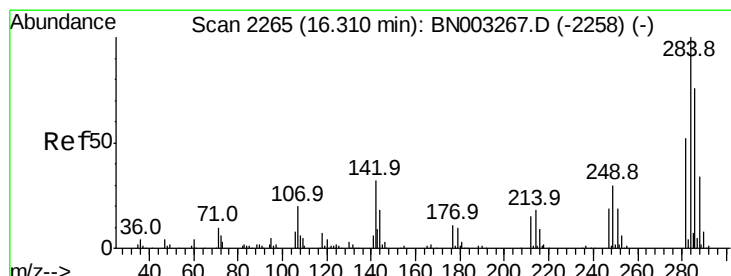
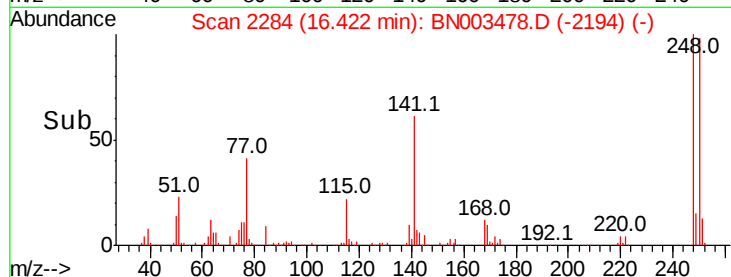
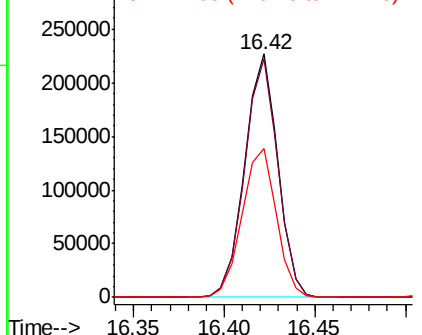


Abundance

Ion 248.00 (247.70 to 248.70): E

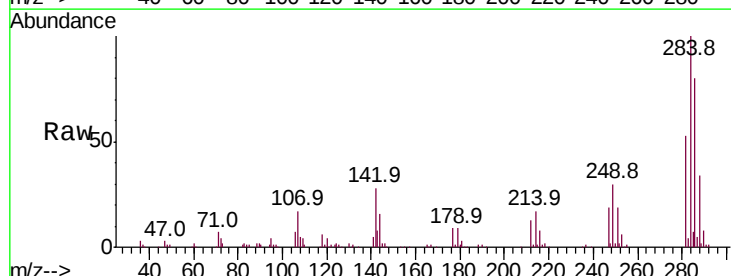
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 51.730 ng
RT: 16.53 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	25.6	38.4
249	29.8	23.6	35.4

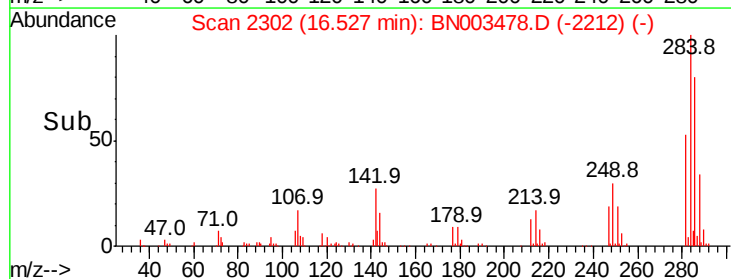
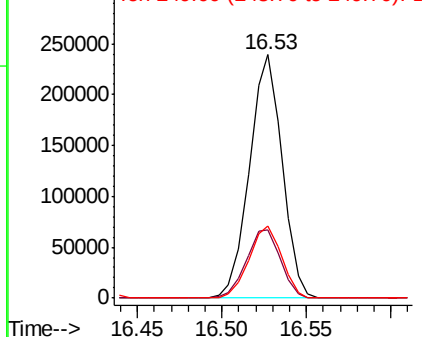


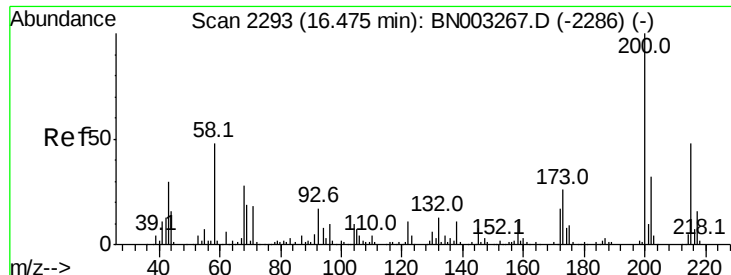
Abundance

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





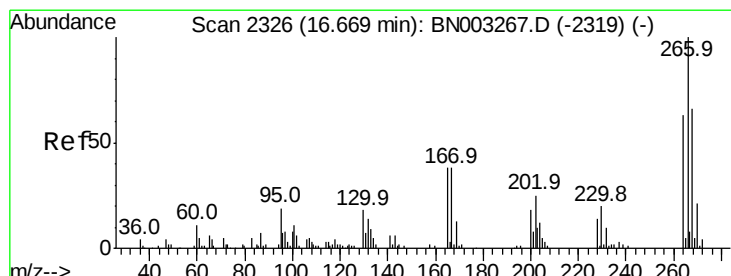
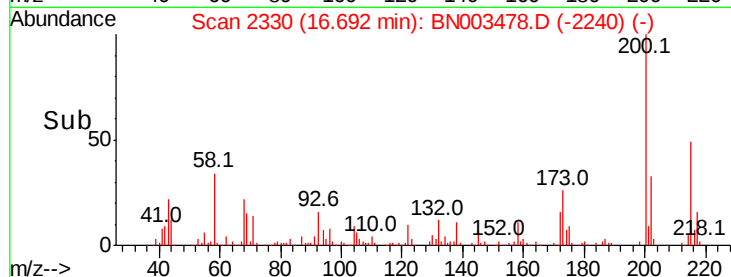
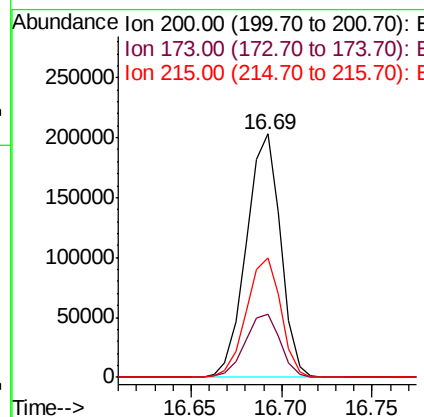
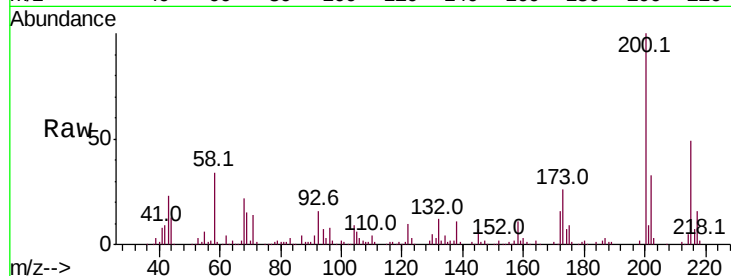
#69
Atrazine
Concen: 49.204 ng
RT: 16.69 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.3	46.3
215	49.1	27.6	67.6

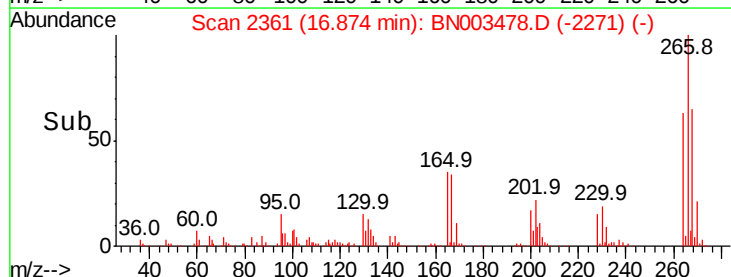
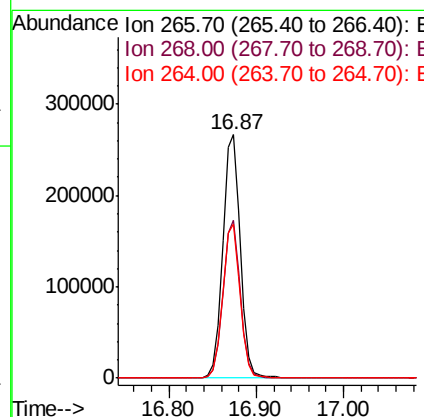
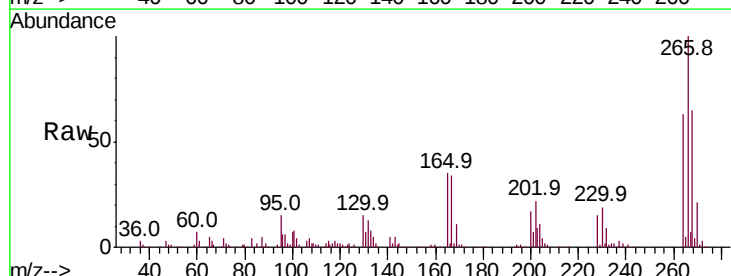
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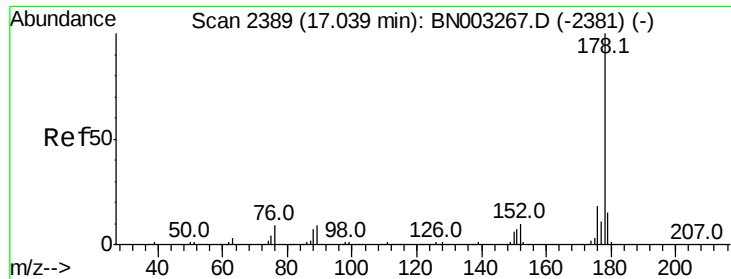
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#70
Pentachlorophenol
Concen: 114.639 ng
RT: 16.87 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.5	78.7
264	63.3	50.3	75.5





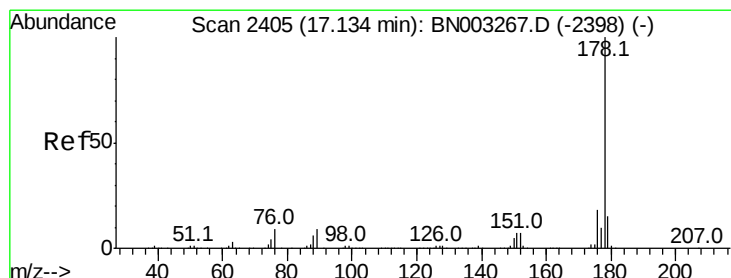
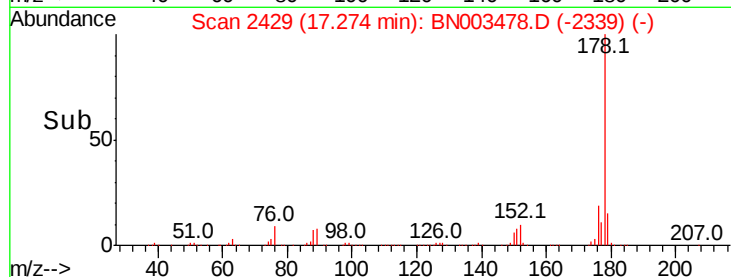
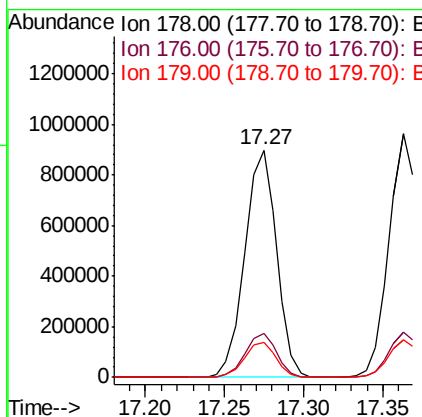
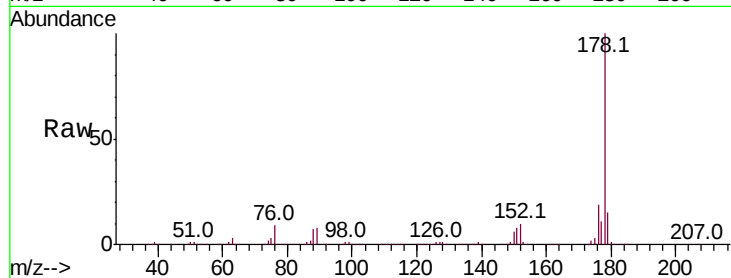
#71
Phenanthrene
Concen: 48.815 ng
RT: 17.27 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion:178 Resp: 1247572
Ion Ratio Lower Upper
178 100
176 19.2 14.4 21.6
179 15.3 12.2 18.4

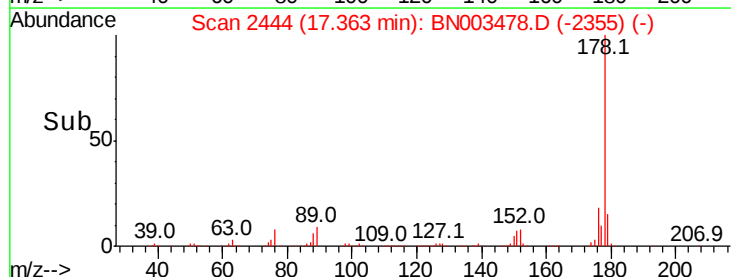
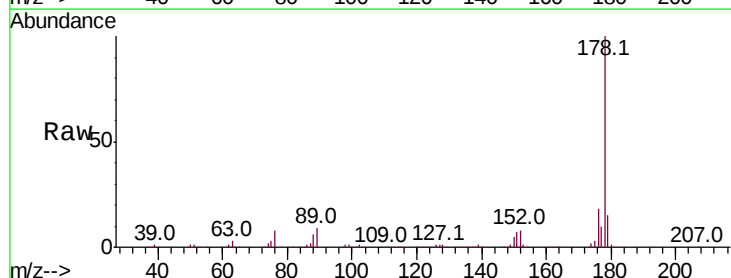
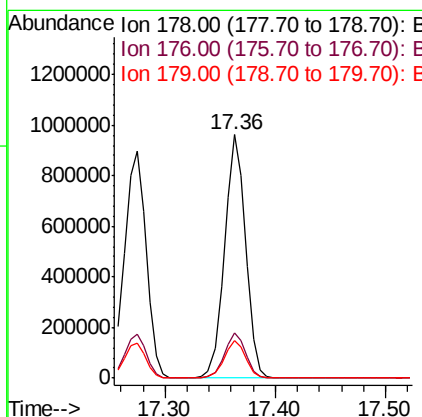
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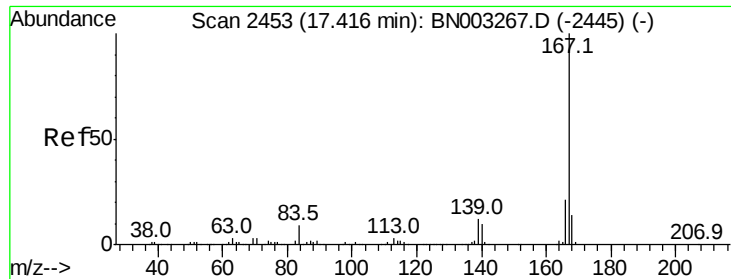
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#72
Anthracene
Concen: 50.245 ng
RT: 17.36 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion:178 Resp: 1281362
Ion Ratio Lower Upper
178 100
176 18.3 14.3 21.5
179 15.3 12.1 18.1





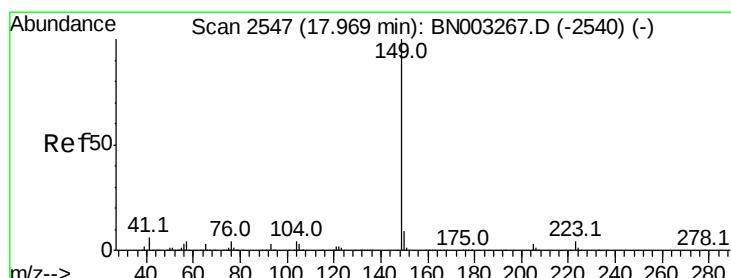
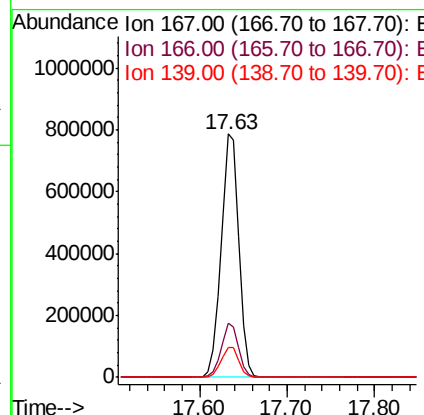
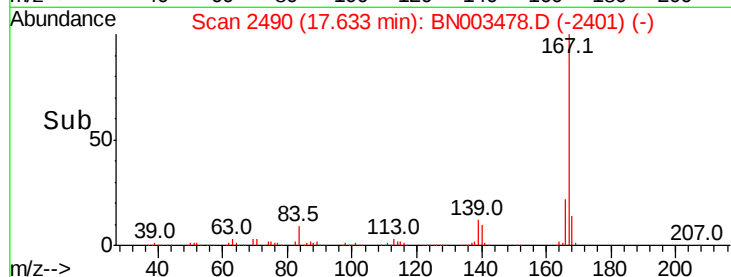
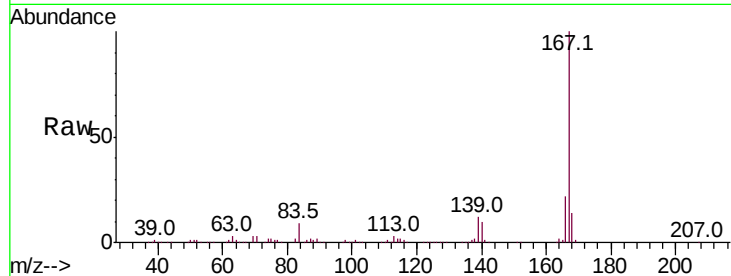
#73
 Carbazole
 Concen: 41.907 ng
 RT: 17.63 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.6
139	12.3	9.9	14.9

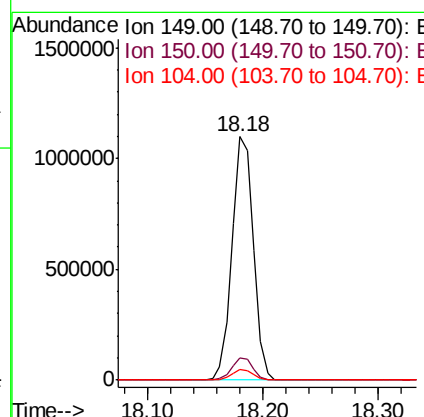
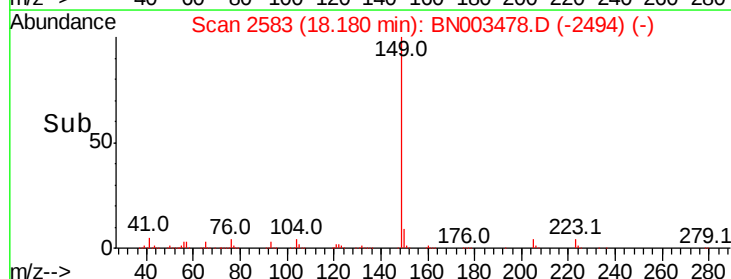
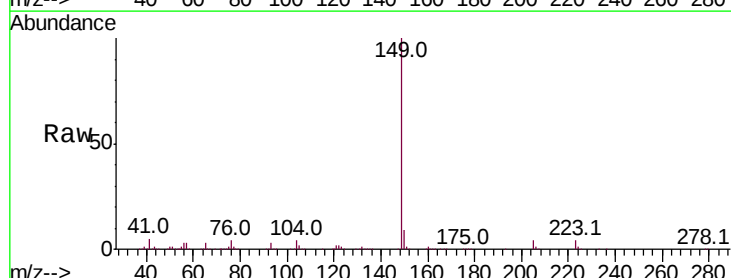
Manual Integrations
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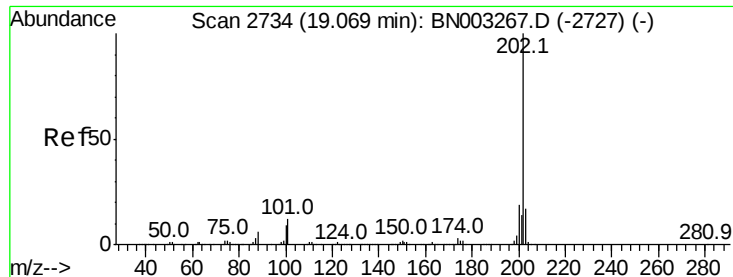
Sohil
 11/12/2018 5:07:50 PM



#74
 Di-n-butylphthalate
 Concen: 45.550 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 43.297 ng

RT: 19.29 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

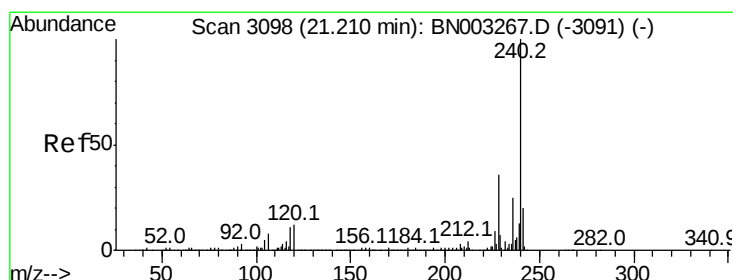
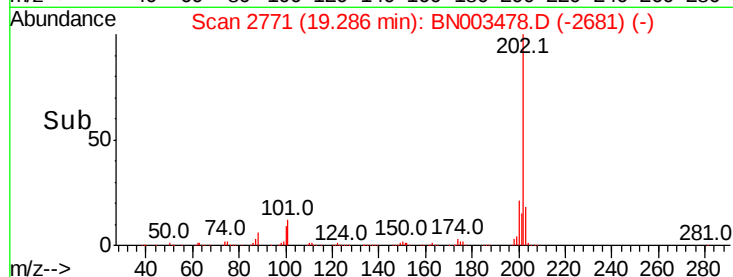
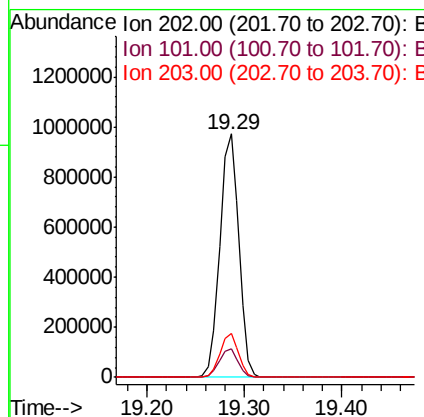
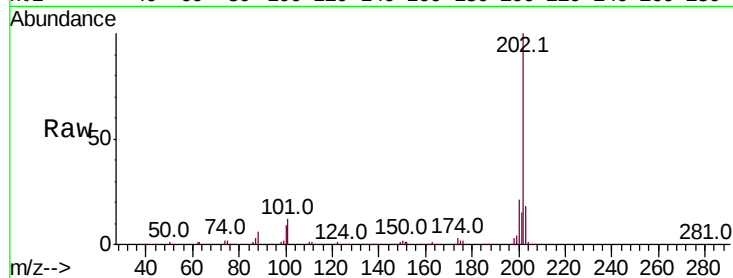
ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.3
203	17.9	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

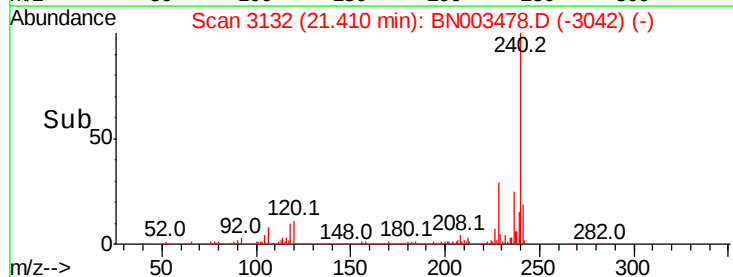
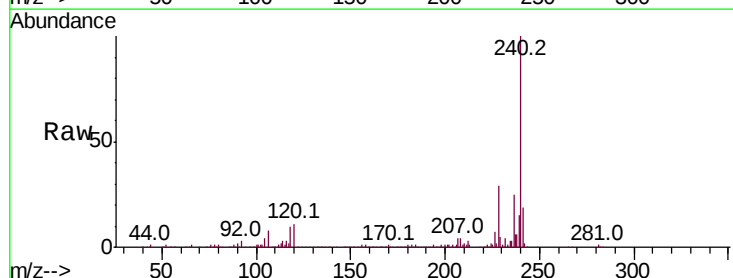
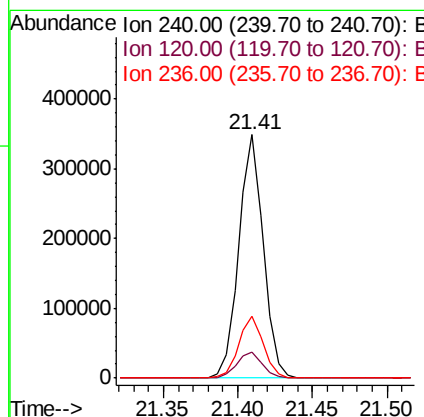
RT: 21.41 min Scan# 3132

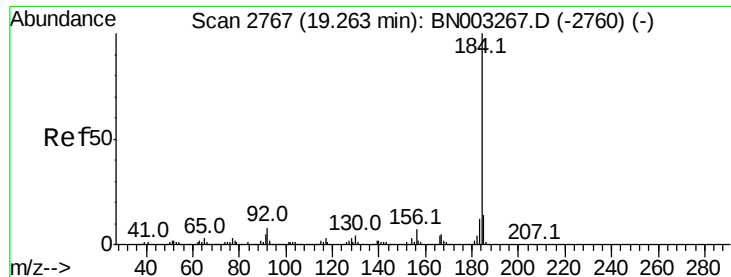
Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.4	14.0
236	25.3	20.3	30.5





#77

Benzidine

Concen: 44.989 ng

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

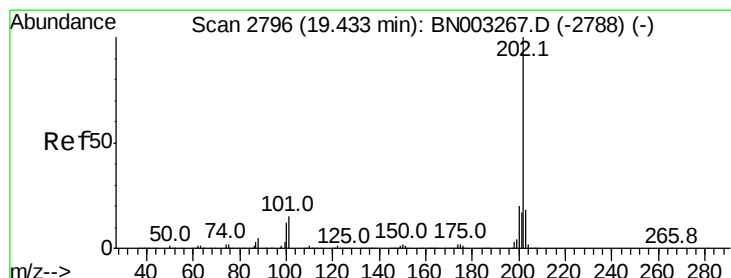
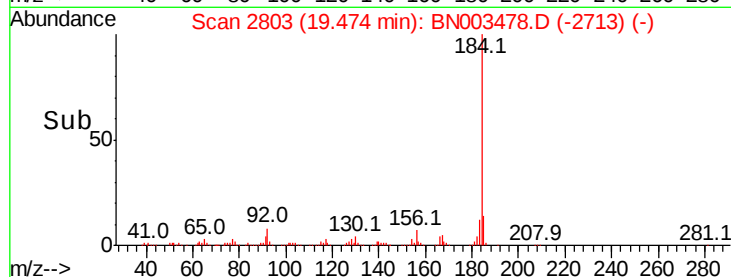
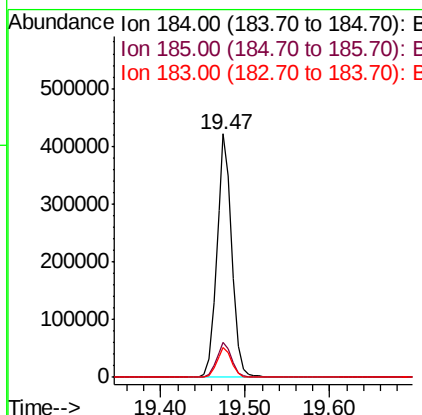
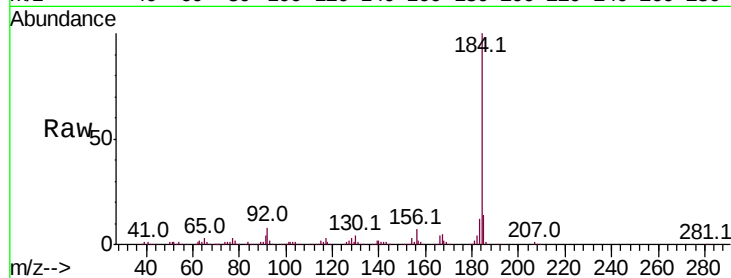
ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	12.2	9.4	14.0

Manual Integrations
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#78

Pyrene

Concen: 54.554 ng

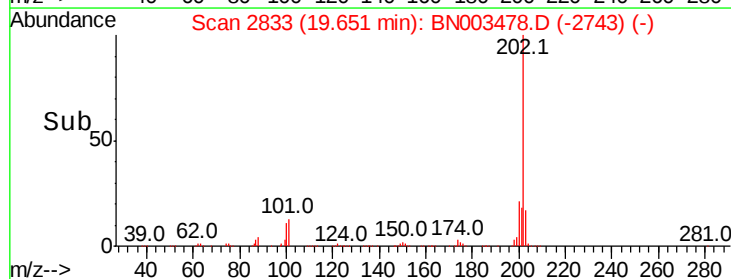
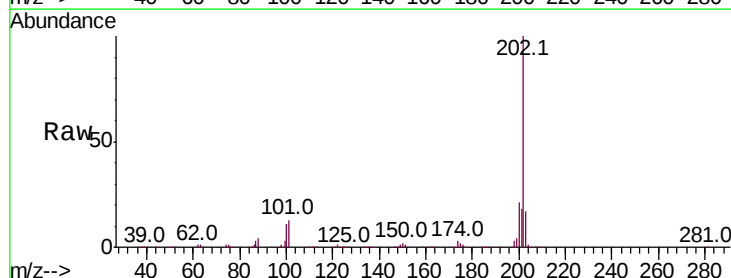
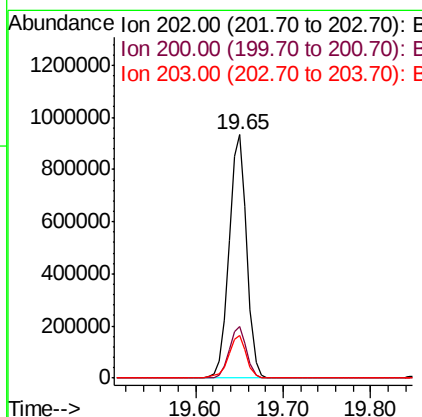
RT: 19.65 min Scan# 2833

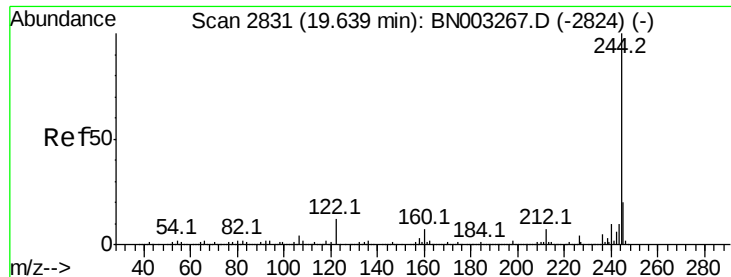
Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.2	24.4
203	17.5	14.3	21.5





#79

Terphenyl-d14

Concen: 97.716 ng

RT: 19.84 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion:244 Resp: 1821685

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

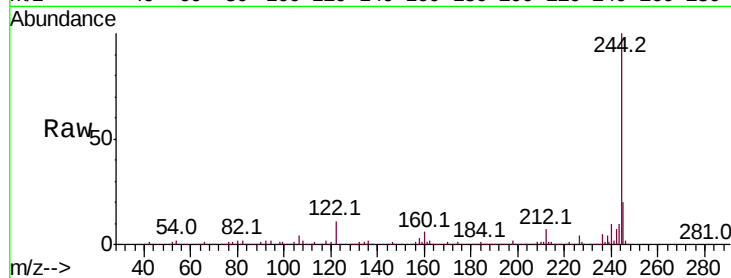
122 10.9 9.4 14.2

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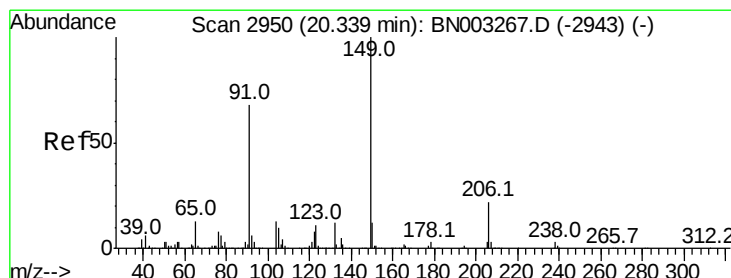
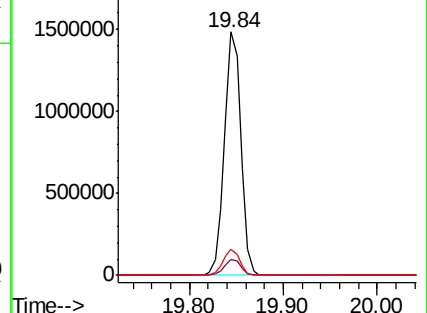
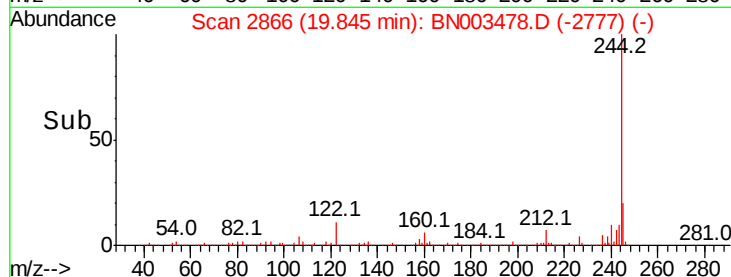
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.587 ng

RT: 20.54 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

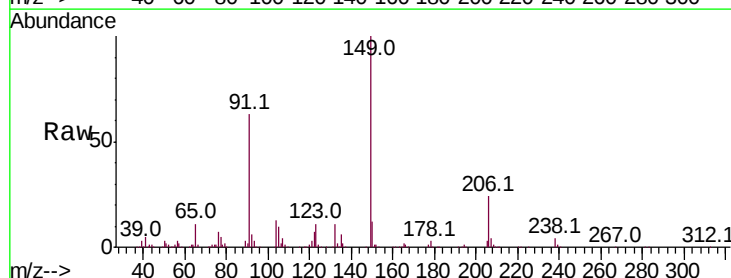
Tgt Ion:149 Resp: 539514

Ion Ratio Lower Upper

149 100

91 62.7 54.6 81.8

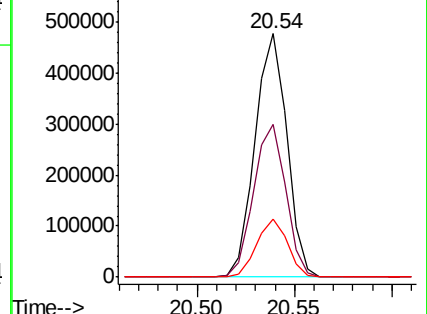
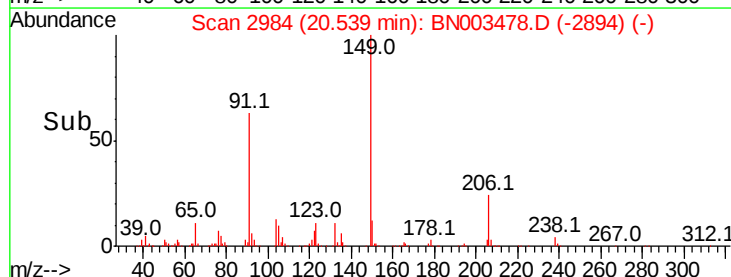
206 23.6 17.8 26.6

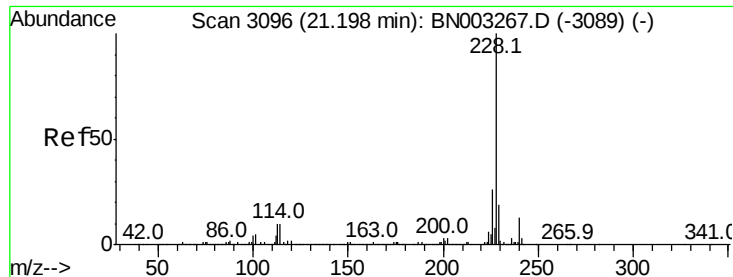


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





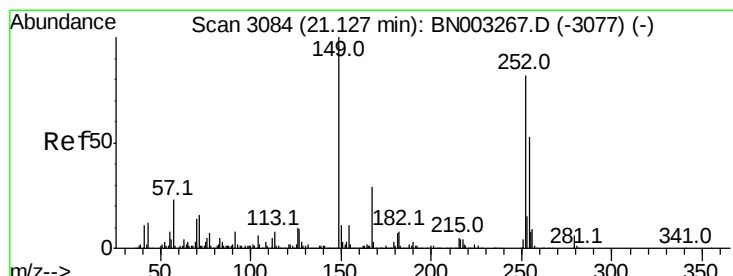
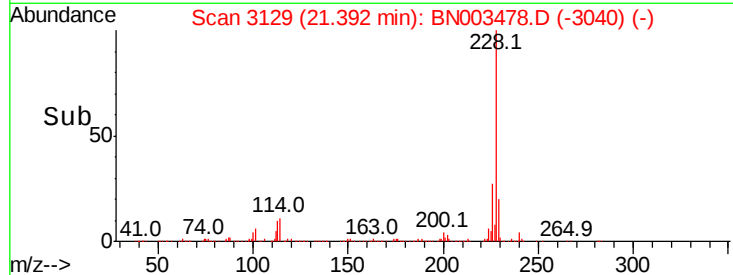
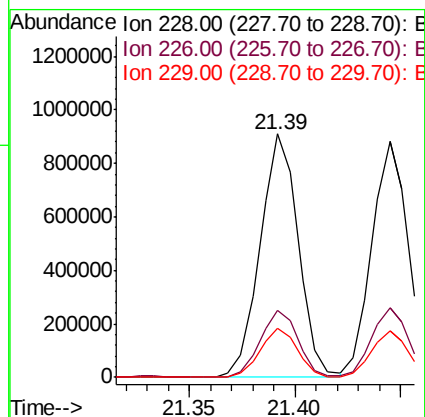
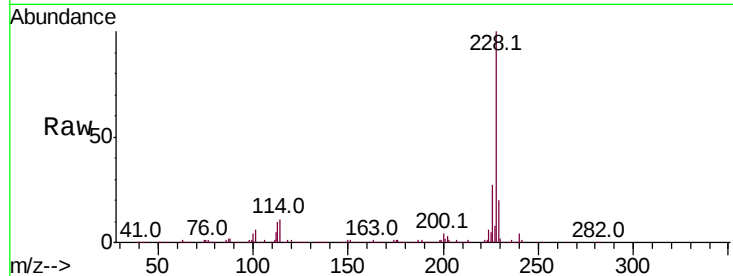
#81
Benzo(a)anthracene
Concen: 49.177 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion:	228	Resp:	1141772
Ion	Ratio	Lower	Upper
228	100		
226	27.4	20.8	31.2
229	20.0	15.3	22.9

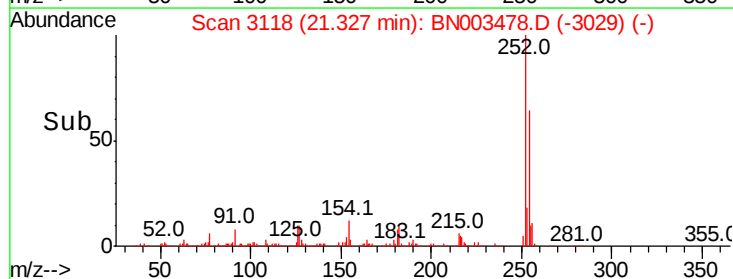
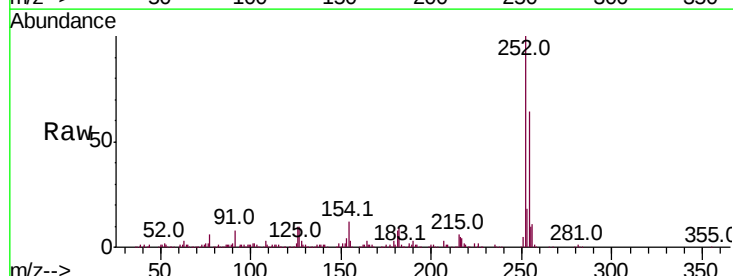
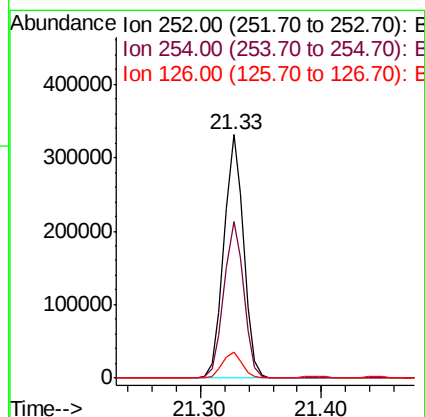
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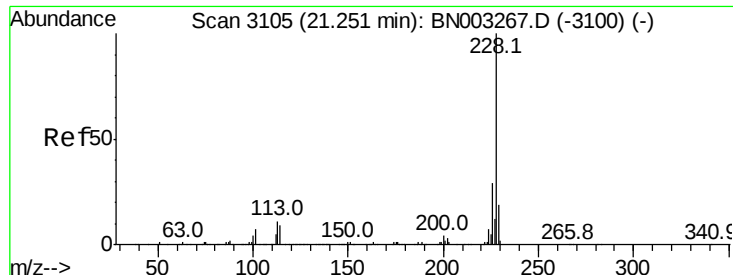
Sohil
11/12/2018 5:07:50 PM



#82
3,3'-Dichlorobenzidine
Concen: 38.810 ng
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion:	252	Resp:	372886
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.1	76.7
126	10.5	9.3	13.9





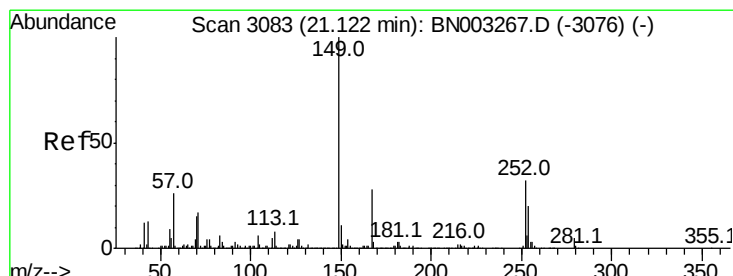
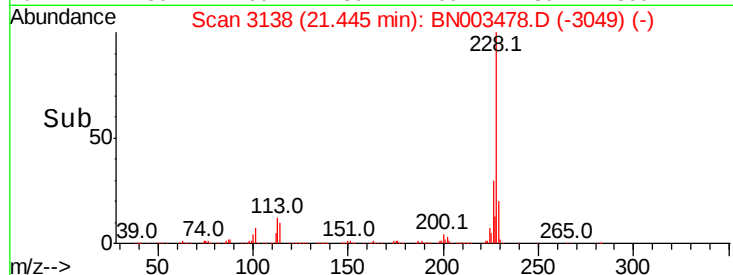
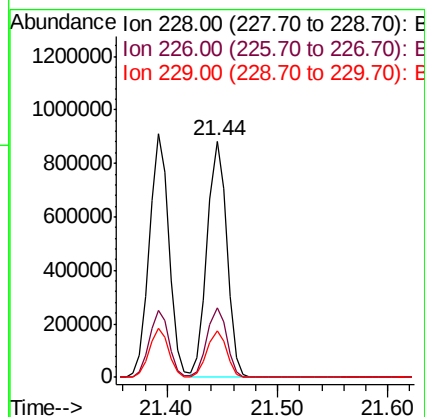
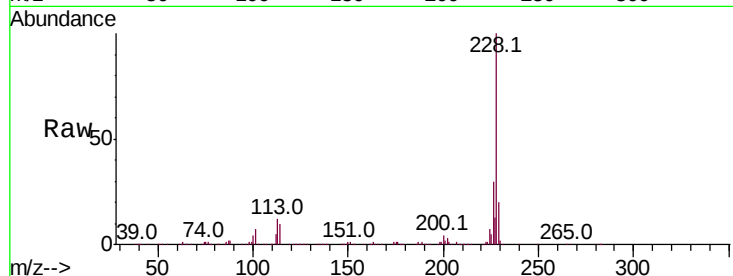
#83
Chrysene
Concen: 47.758 ng
RT: 21.44 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.3	34.9
229	19.6	15.3	22.9

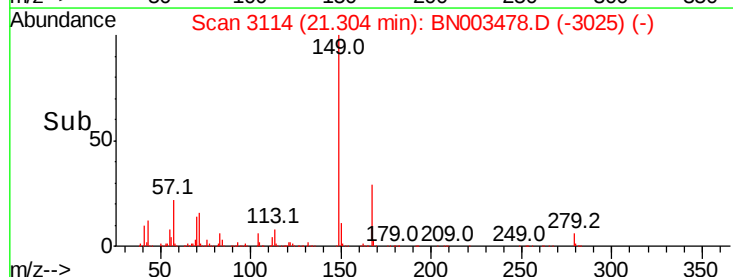
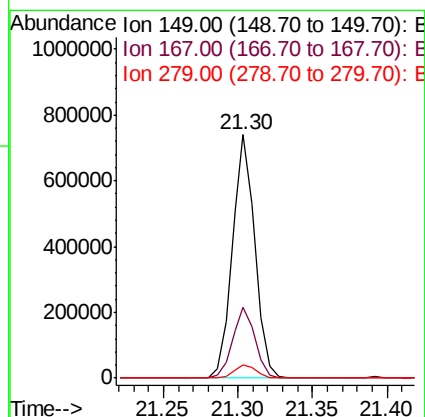
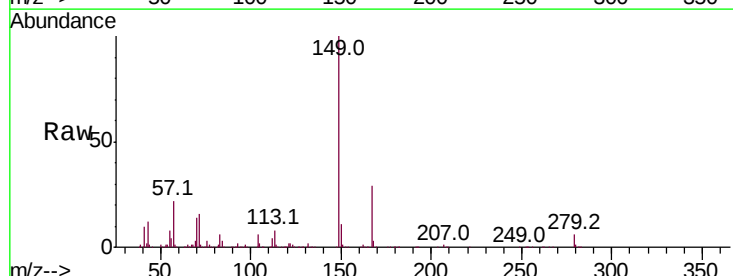
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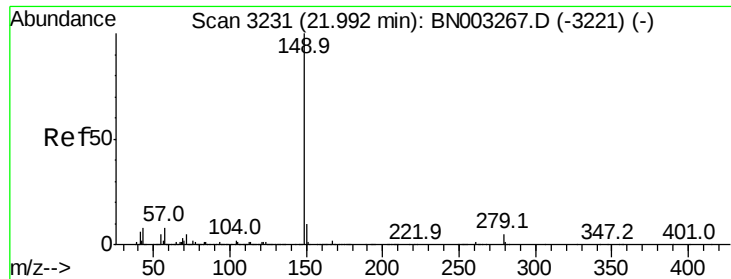
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.508 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.6	33.8
279	5.6	3.8	5.8





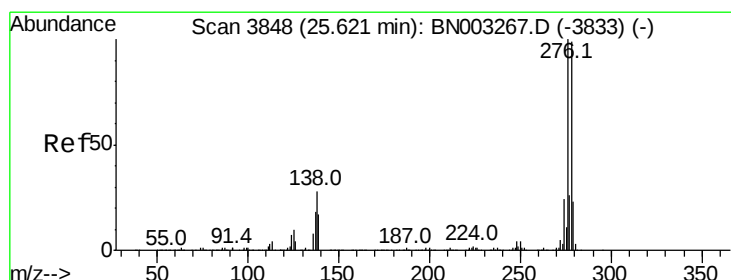
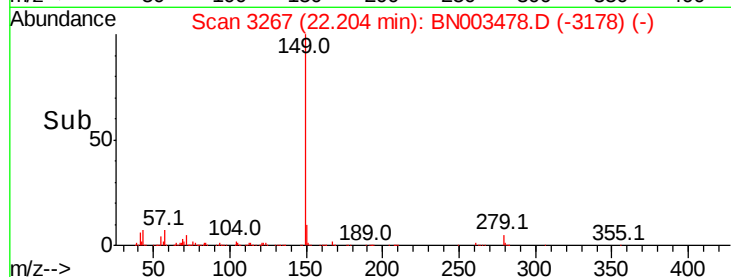
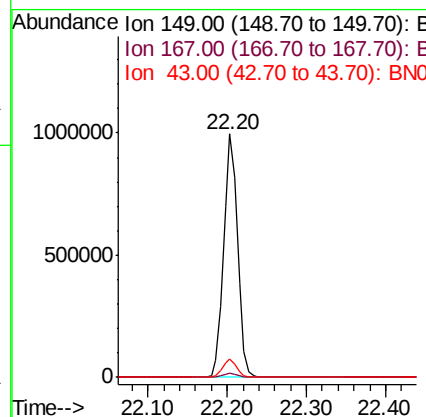
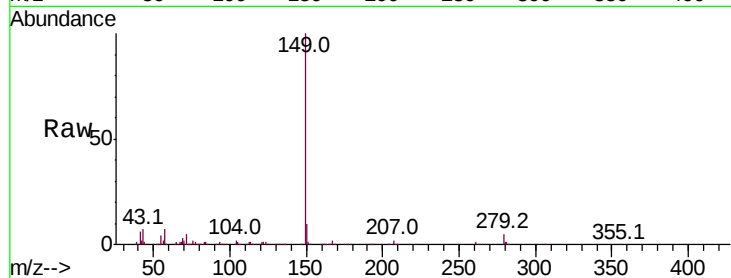
#85
Di-n-octyl phthalate
Concen: 43.579 ng
RT: 22.20 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.9	10.3

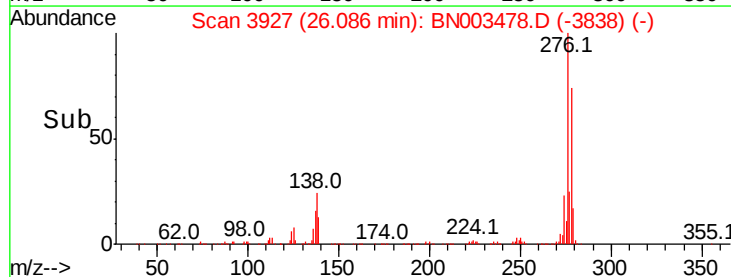
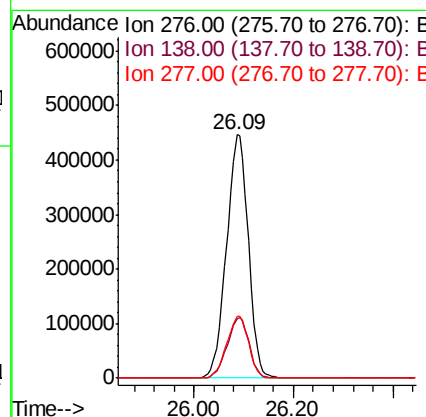
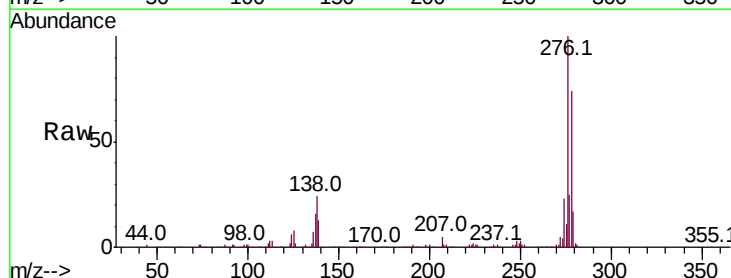
Manual Integrations
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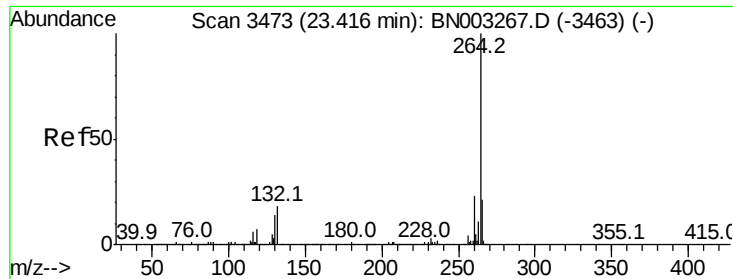
Sohil
11/12/2018 5:07:50 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 53.048 ng
RT: 26.09 min Scan# 3927
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.2	31.8
277	25.4	20.2	30.4





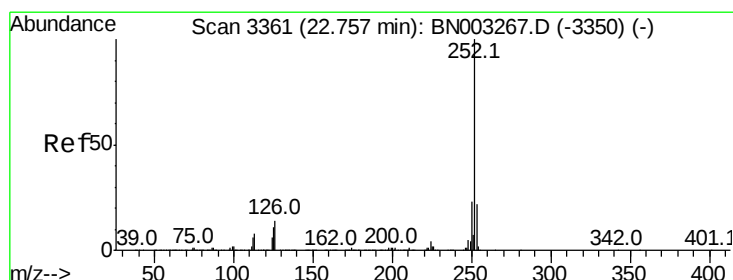
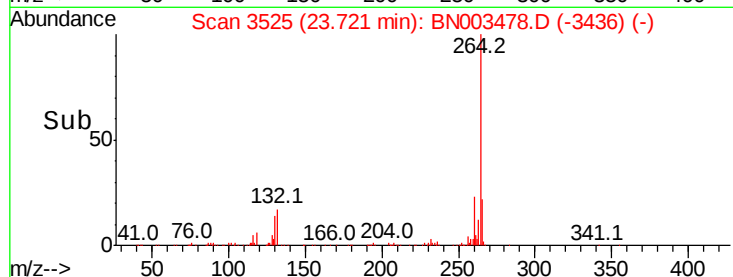
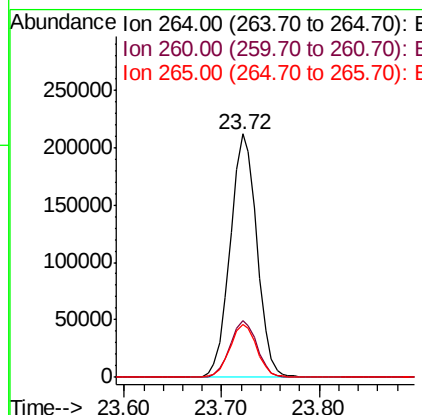
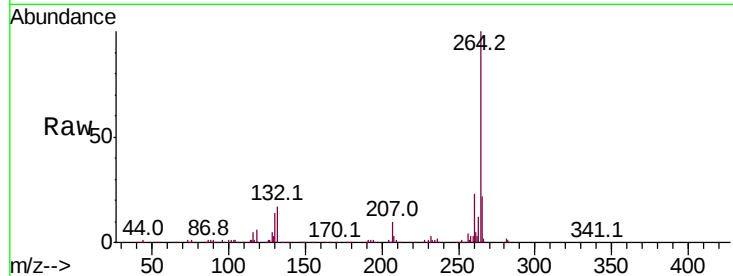
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.7	16.6	25.0

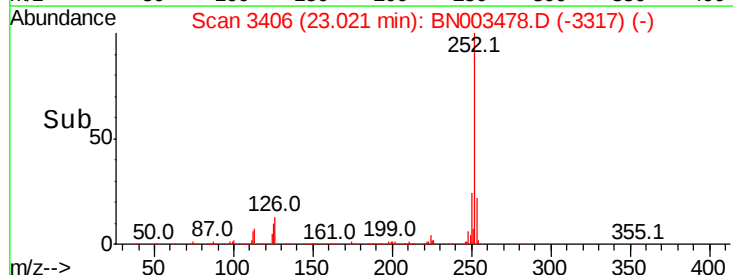
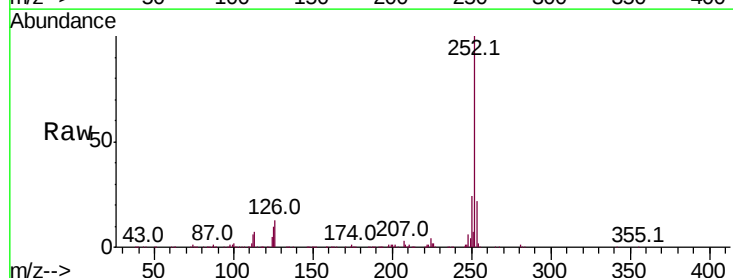
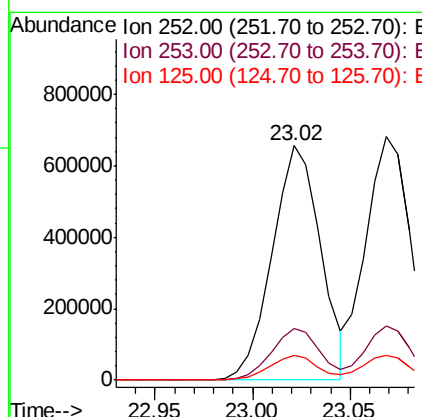
Manual Integrations
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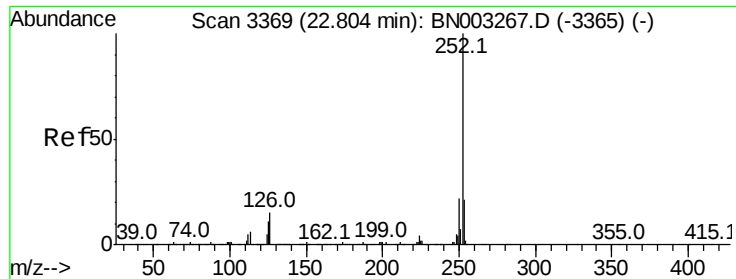
Sohil
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#88
Benzo(b)fluoranthene
Concen: 51.229 ng
RT: 23.02 min Scan# 3406
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.4	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 51.026 ng

RT: 23.07 min Scan# 3414

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

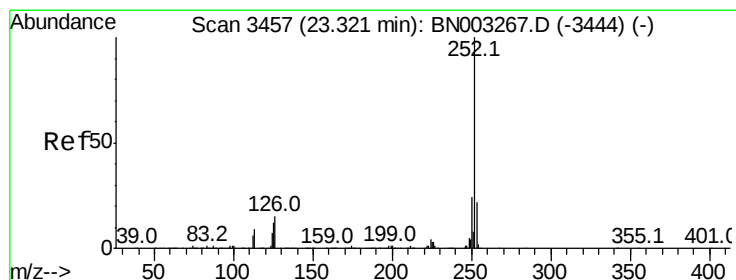
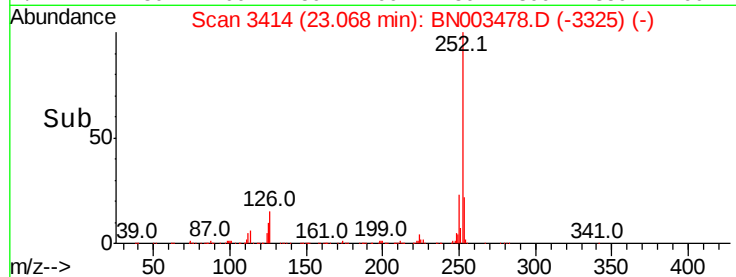
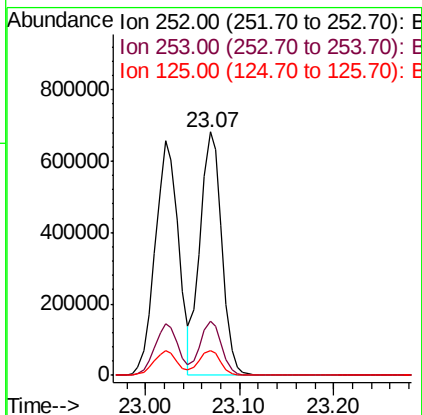
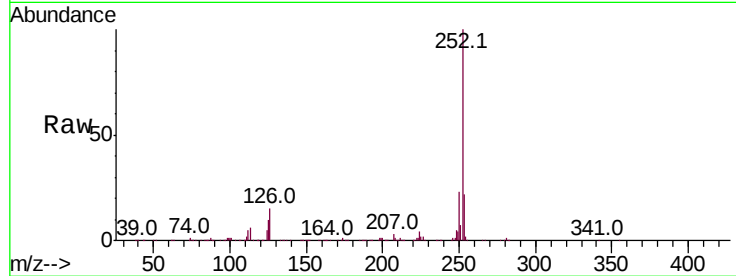
ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion:	252	Resp:	1102906
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.3	8.7	13.1

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 52.083 ng

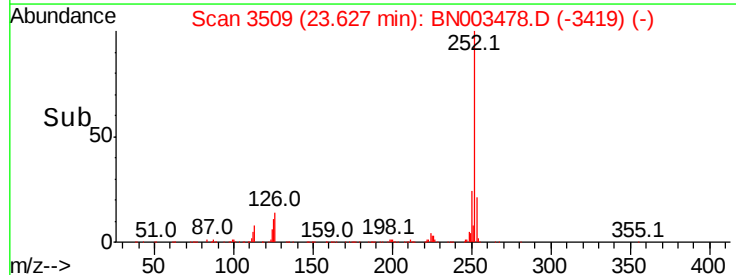
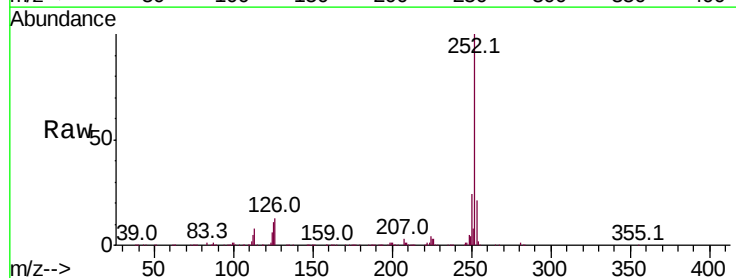
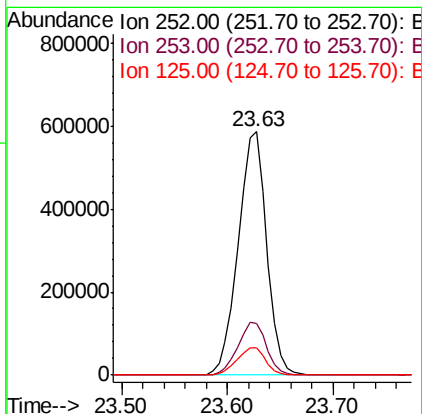
RT: 23.63 min Scan# 3509

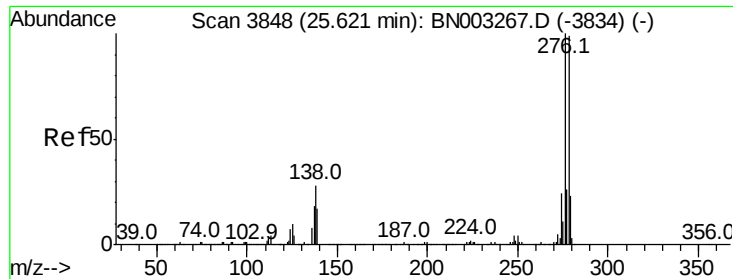
Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion:	252	Resp:	1093939
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	11.1	9.6	14.4





#91

Dibenzo(a,h)anthracene

Concen: 54.856 ng

RT: 26.10 min Scan# 3929

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :
BNA_N

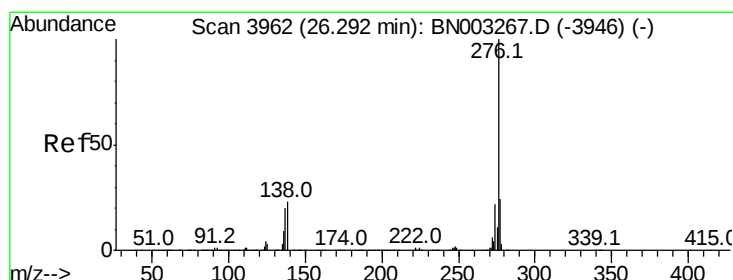
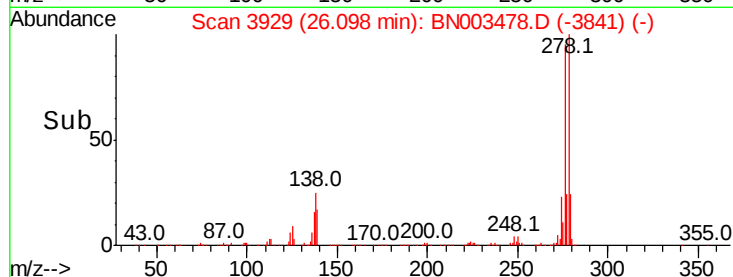
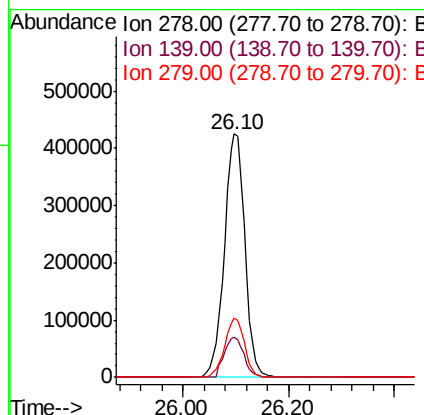
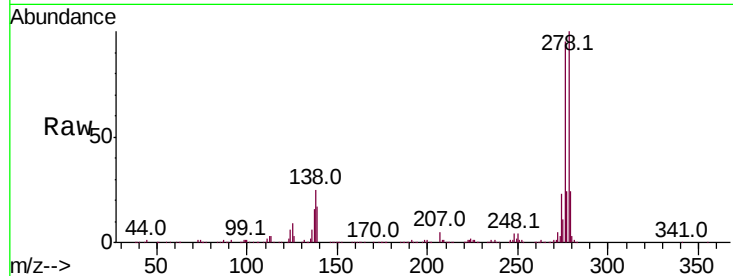
ClientSampleId :
EP2-SB-104(15-17)MSD

Tot Ion:278 Resp: 1140429

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.9	20.9
279	24.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
11/12/2018 5:07:50 PM



#92

Benzo(g,h,i)perylene

Concen: 56.530 ng

RT: 26.82 min Scan# 4051

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion:276 Resp: 1128239

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	21.6	18.2	27.4

