

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111818\
 Data File : BN003587.D
 Acq On : 19 Nov 2018 10:53
 Operator : MJ/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02002

Quant Time: Nov 19 11:46:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 19 11:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	101959	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	463681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	277293	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	637549	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	740858	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	788072	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	16785	7.79	ng/uL	0.00
5) Phenol-d5	6.99	99	178581	21.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	103154	21.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	152555	21.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	147051	20.78	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	73672	20.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	82532	20.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	155905	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	144232	21.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	469383	20.42	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	589199	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	90623	19.66	ng/ul	0.00
57) Fluorene-d10	15.47	176	411388	21.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	83761	18.70	ng/ul	0.00
70) Anthracene-d10	17.32	188	640241	20.44	ng/ul	0.00
78) Pyrene-d10	19.61	212	718332	19.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	871441	20.43	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.33	88	18269	7.689	ng/uL 99
4) Benzaldehyde	6.99	77	31526	21.168	ng/ul 99
6) Phenol	7.02	94	182680	21.546	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.27	93	138545	21.194	ng/ul 99
10) 2-Chlorophenol	7.40	128	151488	20.923	ng/ul 99
11) 2-Methylphenol	8.27	108	139588	21.155	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	187802	21.741	ng/ul 99
14) Acetophenone	8.66	105	223679	21.152	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.65	70	106134	21.133	ng/ul 99
16) 4-Methylphenol	8.60	108	152648	20.956	ng/ul 96
17) Hexachloroethane	8.92	117	55489	20.232	ng/ul 99
20) Nitrobenzene	9.05	77	156554	20.616	ng/ul 99
21) Isophorone	9.56	82	303767	20.741	ng/ul 100
23) 2-Nitrophenol	9.76	139	88215	20.536	ng/ul 98
24) 2,4-Dimethylphenol	9.80	107	167438	20.566	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.05	93	194587	20.390	ng/ul 99
27) 2,4-Dichlorophenol	10.28	162	151348	20.223	ng/ul 99
28) Naphthalene	10.69	128	494131	20.411	ng/ul 99
30) 4-Chloroaniline	10.80	127	145744	21.944	ng/ul 100
31) Hexachlorobutadiene	10.95	225	91999	19.596	ng/ul 99
32) Caprolactam	11.57	113	46797	20.408	ng/ul 94
33) 4-Chloro-3-methylphenol	11.91	107	156271	21.640	ng/ul 99
34) 2-Methylnaphthalene	12.30	142	362940	21.266	ng/ul 100

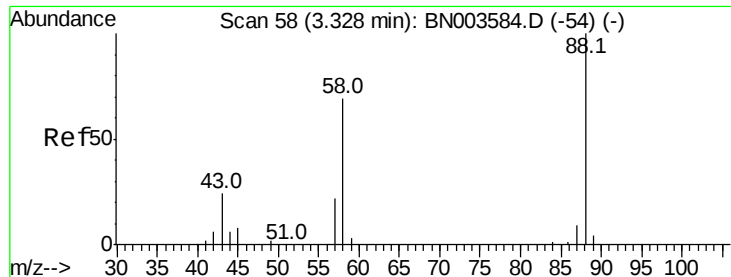
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	187491	20.250	ng/ul	99
37) Hexachlorocyclopentadiene	12.63	237	109360	17.597	ng/ul	97
38) 2,4,6-Trichlorophenol	12.90	196	122011	20.765	ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	132368	20.434	ng/ul	99
40) 1,1'-Biphenyl	13.31	154	467848	20.992	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	363603	20.646	ng/ul	99
42) 2-Nitroaniline	13.56	65	91994	21.838	ng/ul	97
44) Dimethylphthalate	13.93	163	457562	20.268	ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	95138	21.038	ng/ul	98
47) Acenaphthylene	14.20	152	555838	20.651	ng/ul	100
48) 3-Nitroaniline	14.39	138	90768	20.374	ng/ul	98
49) Acenaphthene	14.54	153	390262	20.179	ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	52129	17.556	ng/ul	96
52) 4-Nitrophenol	14.69	109	57243	19.963	ng/ul	98
53) Dibenzofuran	14.87	168	553408	20.317	ng/ul	99
54) 2,4-Dinitrotoluene	14.85	165	141474	20.658	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.10	232	119255	20.959	ng/ul	99
56) Diethylphthalate	15.29	149	452064	21.157	ng/ul	100
58) Fluorene	15.52	166	448464	21.428	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	231914	21.180	ng/ul	99
60) 4-Nitroaniline	15.56	138	104632	20.619	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.60	198	88235	19.159	ng/ul	100
64) N-Nitrosodiphenylamine	15.73	169	394087	20.290	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	151971	20.042	ng/ul	99
66) Hexachlorobenzene	16.52	284	177617	19.759	ng/ul	99
67) Atrazine	16.67	200	138849	19.761	ng/ul	99
68) Pentachlorophenol	16.86	266	102021	18.764	ng/ul	99
69) Phenanthrene	17.26	178	723191	20.336	ng/ul	99
71) Anthracene	17.35	178	743725	20.475	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.27	216	185375	19.280	ng/uL	99
73) Pentachlorobenzene	14.79	250	196602	18.714	ng/uL	100
74) Carbazole	17.63	167	664766	20.803	ng/ul	100
75) Di-n-butylphthalate	18.17	149	763060	19.966	ng/ul	99
76) Fluoranthene	19.27	202	866241	21.267	ng/ul	99
79) Pvrene	19.64	202	883312	19.610	ng/ul	99
80) Butylbenzylphthalate	20.53	149	354999	20.246	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.32	252	322609	20.353	ng/ul	100
82) Benzo(a)anthracene	21.38	228	918657	20.331	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	518975	20.693	ng/ul	99
84) Chrysene	21.43	228	866881	20.414	ng/ul	99
86) Di-n-octyl phthalate	22.19	149	913310	19.973	ng/ul	100
87) Benzo(b)fluoranthene	23.01	252	975132	20.059	ng/ul	100
88) Benzo(k)fluoranthene	23.06	252	929702	19.981	ng/ul	99
90) Benzo(a)pyrene	23.62	252	922773	20.451	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.06	276	1053846	19.548	ng/ul	99
92) Dibenzo(a,h)anthracene	26.07	278	886365	19.548	ng/ul	99
93) Benzo(g,h,i)perylene	26.79	276	849141	18.953	ng/ul	99

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



#2

1,4-Dioxane

Concen: 7.689 ng/uL

RT: 3.33 min Scan# 58

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

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ClientSampleId :

SSTD02002

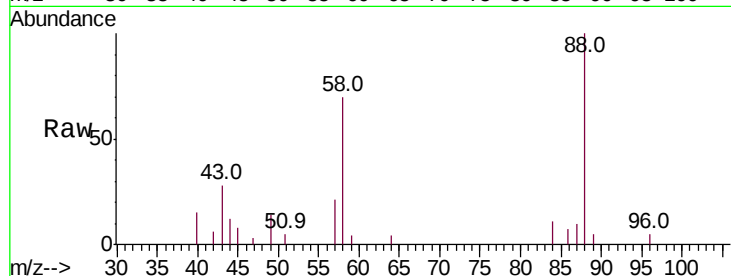
Tot Ion: 88 Resp: 18269

Ion Ratio Lower Upper

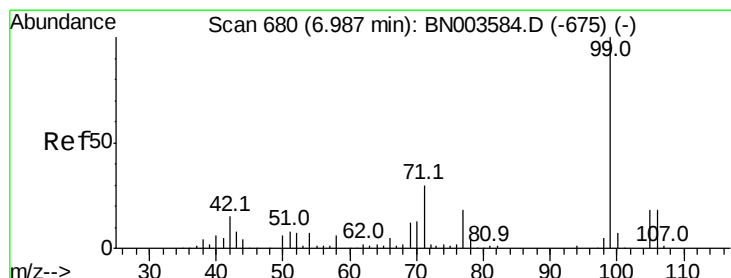
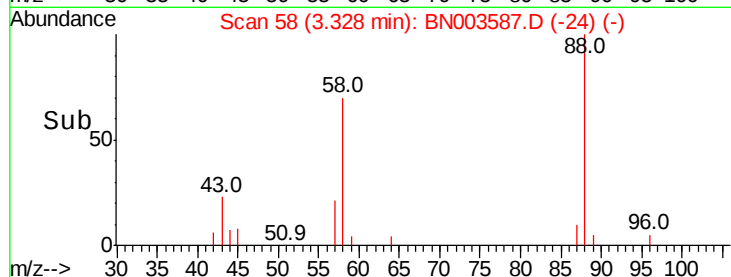
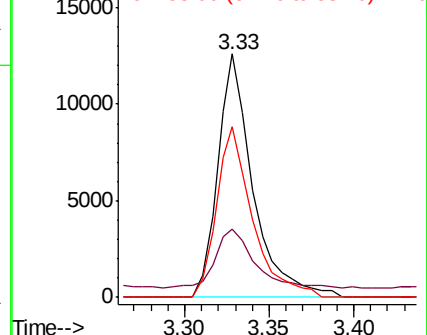
88 100

43 26.1 20.6 30.8

58 71.4 56.6 84.8



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 21.168 ng/uL

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

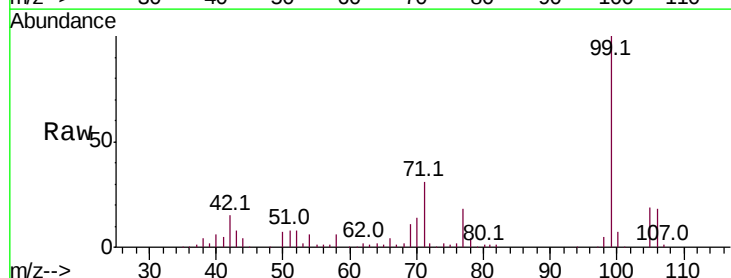
Tgt Ion: 77 Resp: 31526

Ion Ratio Lower Upper

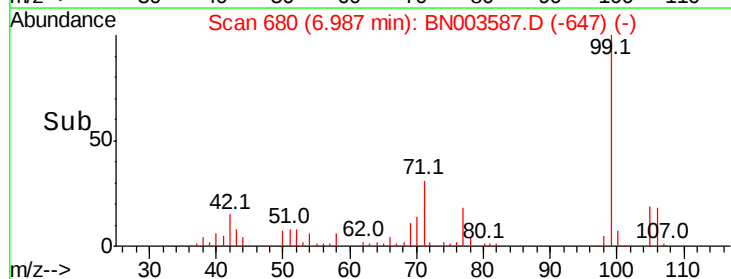
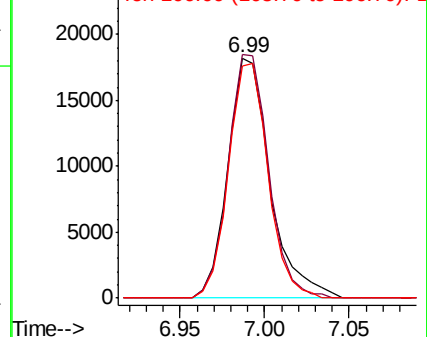
77 100

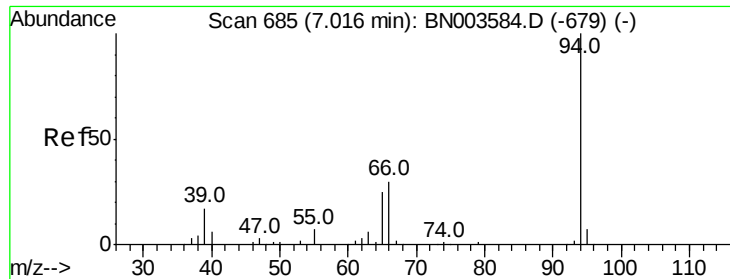
105 101.5 80.7 121.1

106 96.7 78.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#6

Phenol

Concen: 21.546 ng/ul

RT: 7.02 min Scan# 686

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

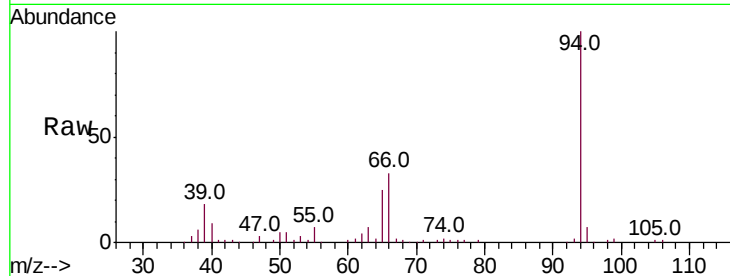
Tot Ion: 94 Resp: 182680

Ion Ratio Lower Upper

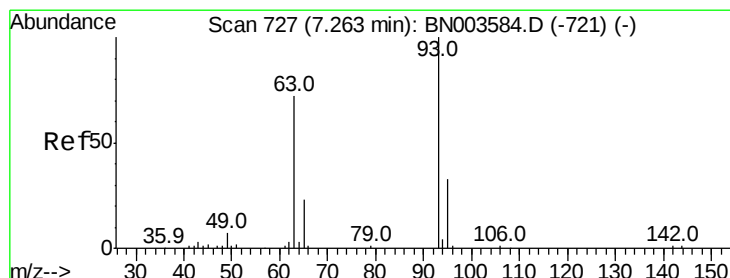
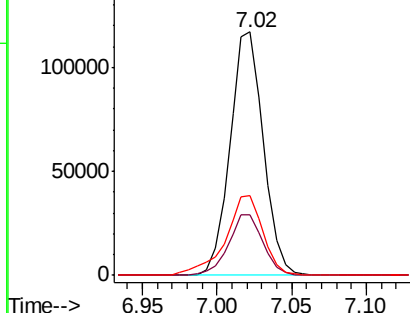
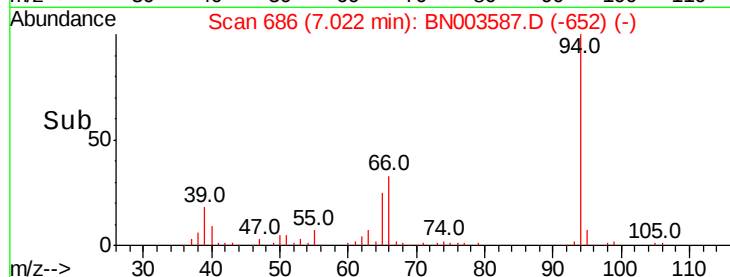
94 100

65 25.1 19.2 28.8

66 32.8 25.8 38.6



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



#8

Bis(2-Chloroethyl)ether

Concen: 21.194 ng/ul

RT: 7.27 min Scan# 728

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

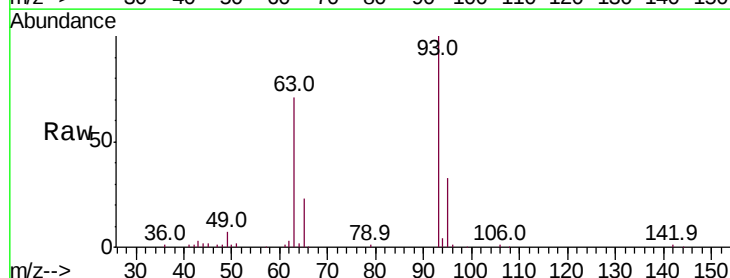
Tgt Ion: 93 Resp: 138545

Ion Ratio Lower Upper

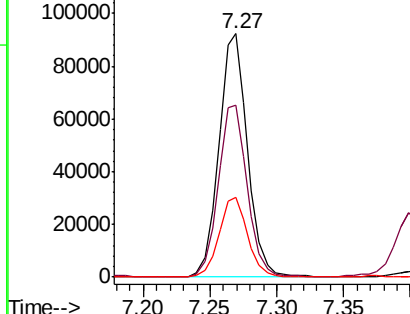
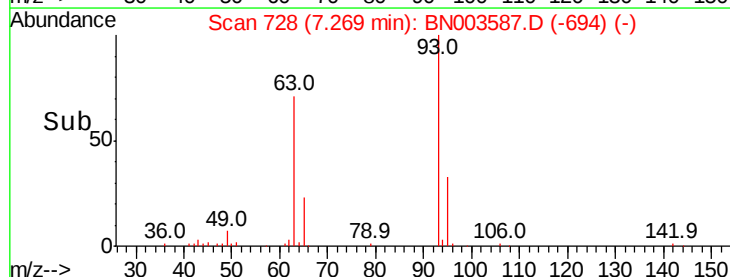
93 100

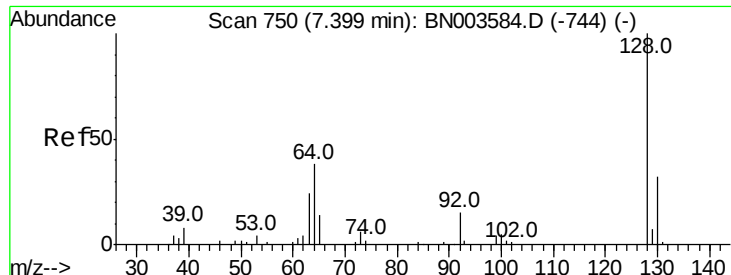
63 70.7 55.9 83.9

95 32.6 25.8 38.6



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC

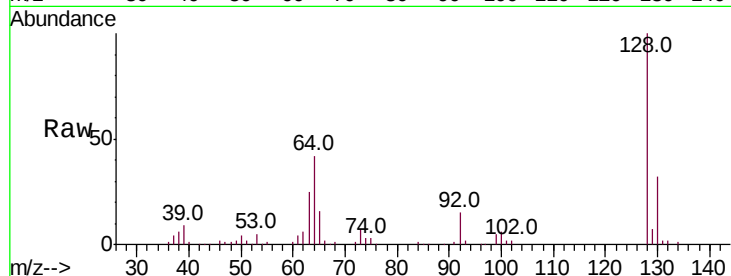




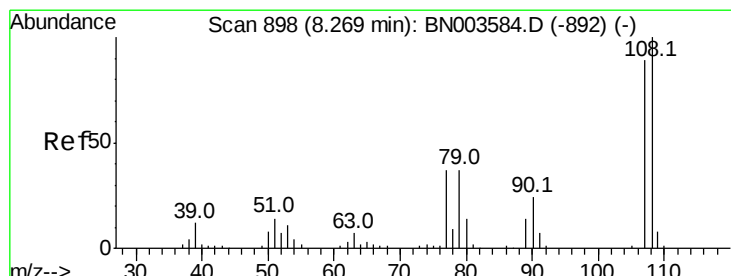
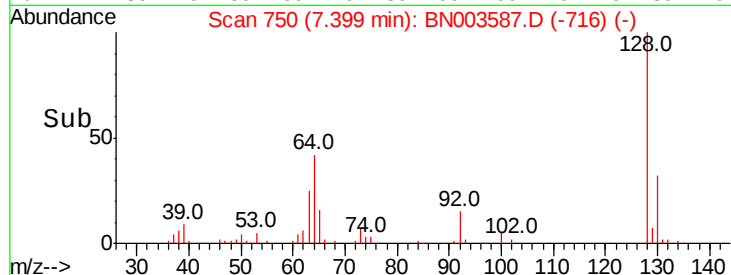
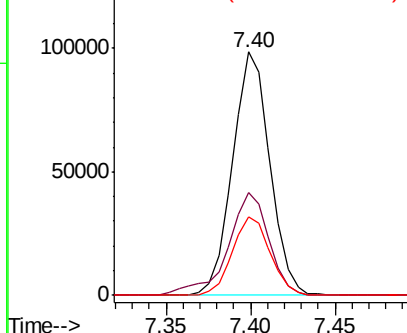
#10
2-Chlorophenol
Concen: 20.923 ng/ul
RT: 7.40 min Scan# 750
Delta R.T. 0.00 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Instrument :
BNA_N
ClientSampleId :
SSTD02002

Tot Ion:128 Resp: 151488
Ion Ratio Lower Upper
128 100
64 42.3 33.3 49.9
130 32.2 26.3 39.5

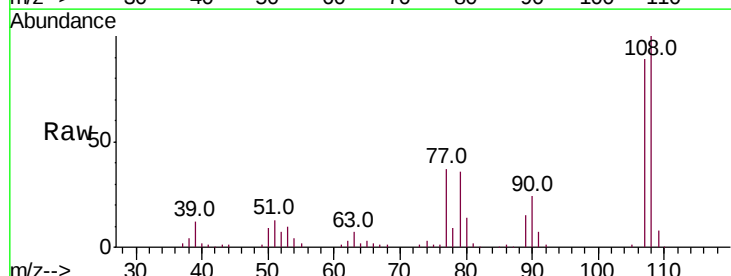


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNO
Ion 130.00 (129.70 to 130.70): E

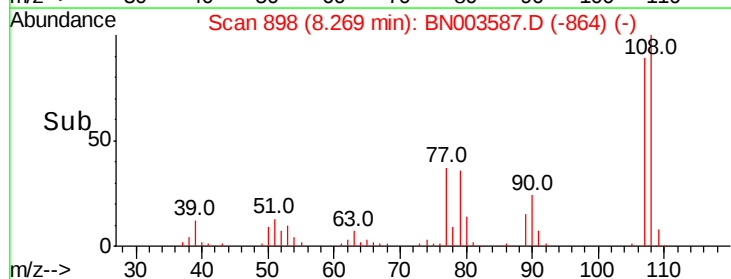
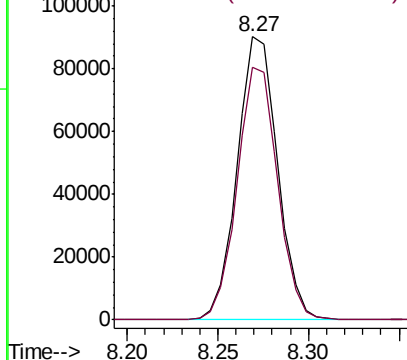


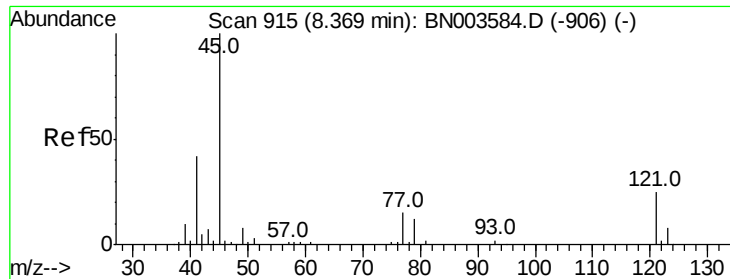
#11
2-Methylphenol
Concen: 21.155 ng/ul
RT: 8.27 min Scan# 898
Delta R.T. 0.00 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Tgt Ion:108 Resp: 139588
Ion Ratio Lower Upper
108 100
107 89.5 73.0 109.4



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

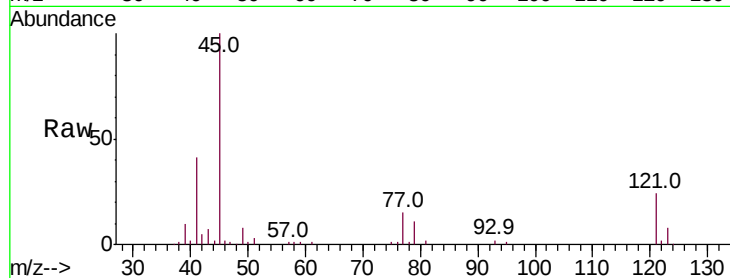




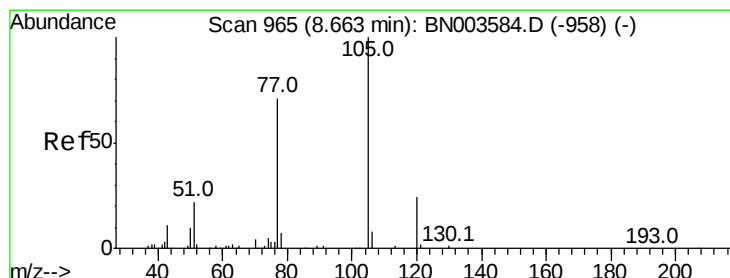
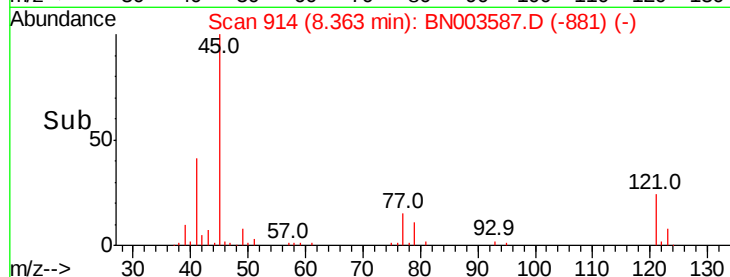
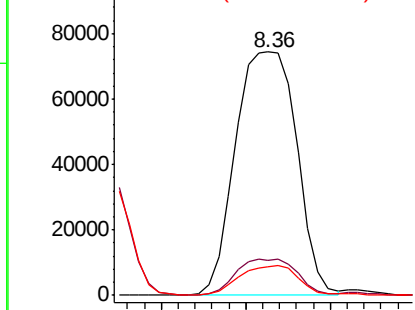
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 21.741 ng/ul
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Instrument :
BNA_N
ClientSampleId :
SSTD02002

Tot Ion: 45 Resp: 187802
Ion Ratio Lower Upper
45 100
77 14.6 12.0 18.0
79 11.5 9.1 13.7

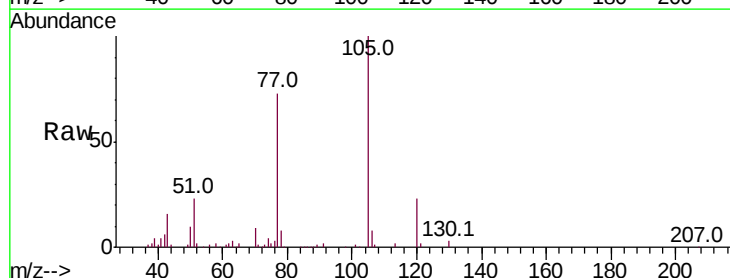


Abundance Ion 45.00 (44.70 to 45.70): BNC
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

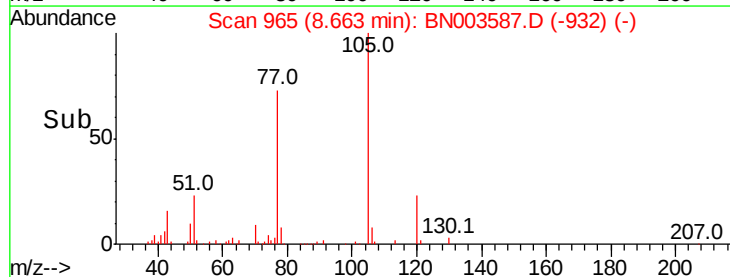
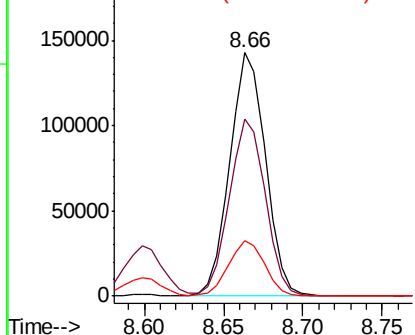


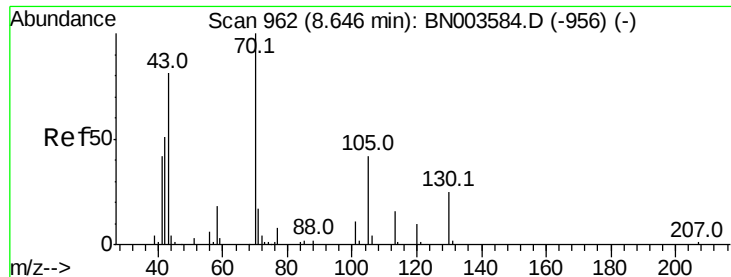
#14
Acetophenone
Concen: 21.152 ng/ul
RT: 8.66 min Scan# 965
Delta R.T. -0.01 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Tgt Ion:105 Resp: 223679
Ion Ratio Lower Upper
105 100
77 72.8 57.6 86.4
51 22.8 18.1 27.1



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





#15

N-Nitroso-di-n-propylamine

Concen: 21.133 ng/ul

RT: 8.65 min Scan# 962

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

Tot Ion: 70 Resp: 106134

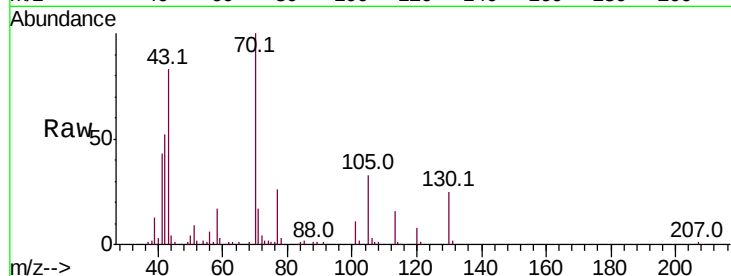
Ion Ratio Lower Upper

70 100

42 51.9 41.0 61.4

101 10.8 8.2 12.2

130 25.2 19.8 29.6

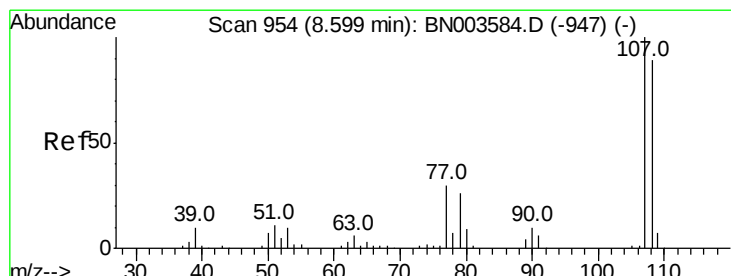
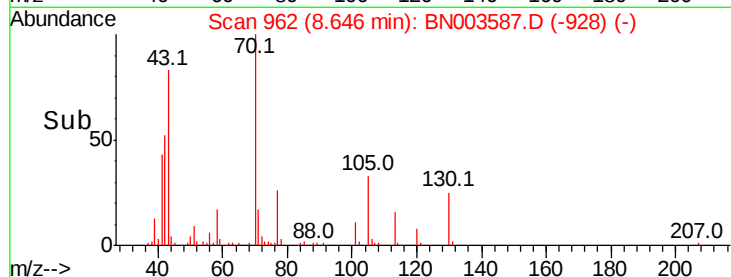
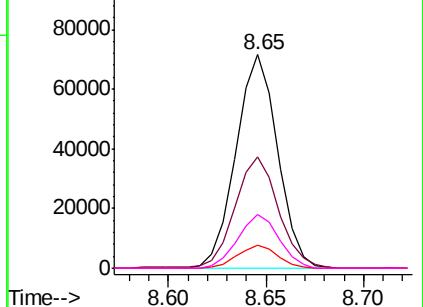


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 20.956 ng/ul

RT: 8.60 min Scan# 954

Delta R.T. 0.00 min

Lab File: BN003587.D

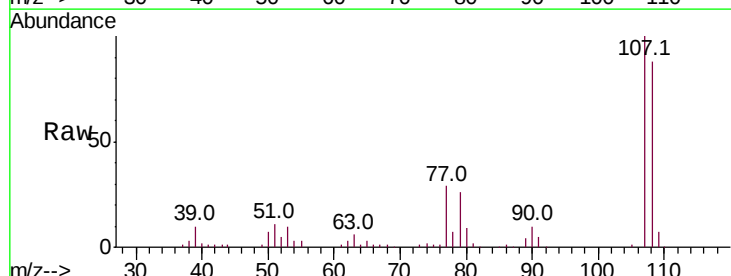
Acq: 19 Nov 2018 10:53

Tgt Ion: 108 Resp: 152648

Ion Ratio Lower Upper

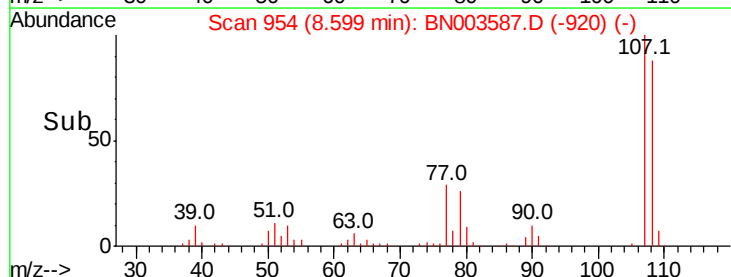
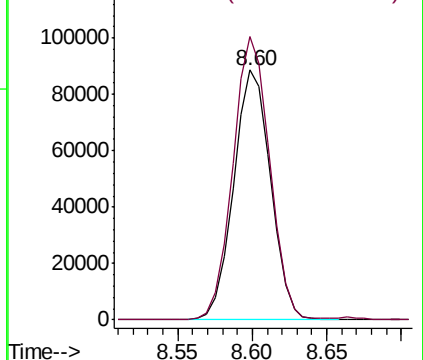
108 100

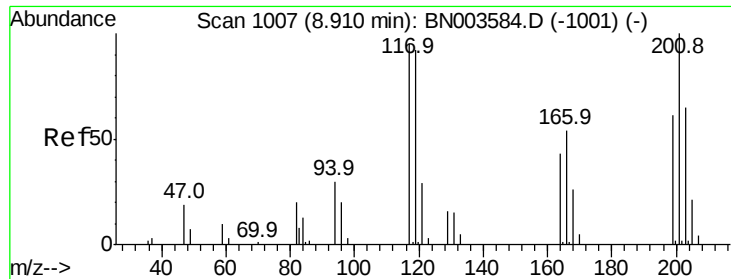
107 113.4 87.3 130.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

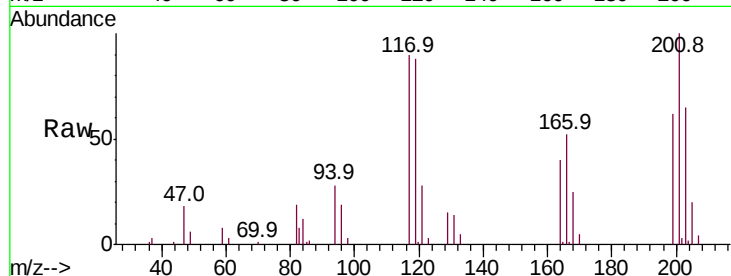




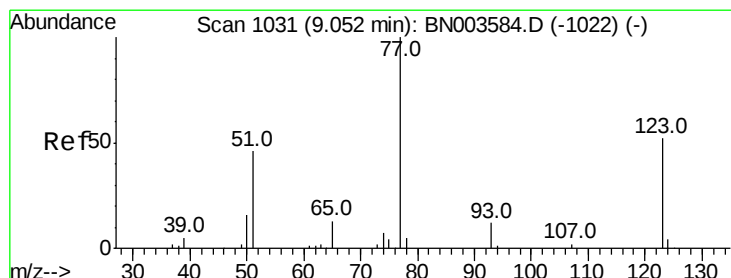
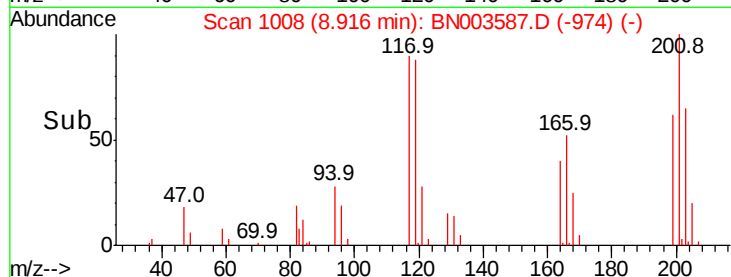
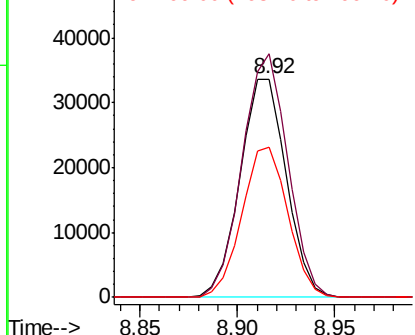
#17
 Hexachloroethane
 Concen: 20.232 ng/ul
 RT: 8.92 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02002

Tot Ion:117 Resp: 55489
 Ion Ratio Lower Upper
 117 100
 201 111.5 88.3 132.5
 199 68.7 55.6 83.4

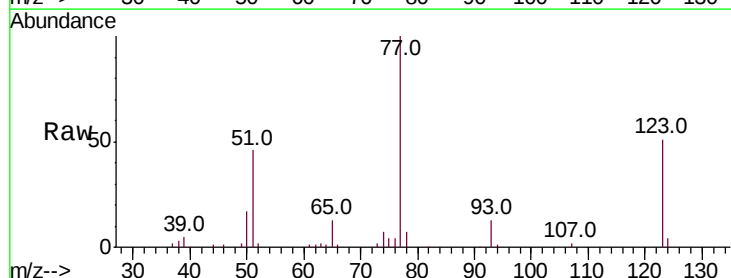


Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 201.00 (200.70 to 201.70): E
 Ion 199.00 (198.70 to 199.70): E

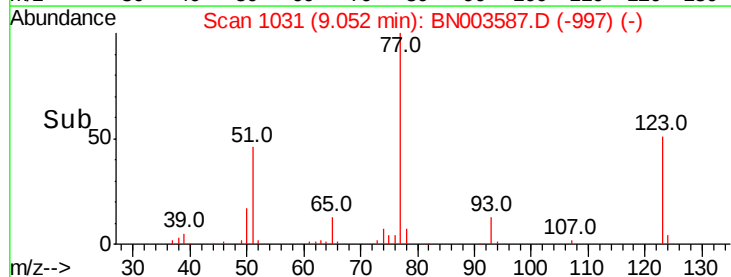
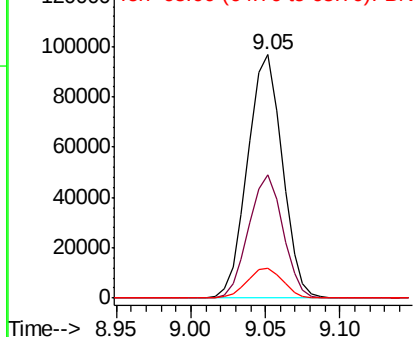


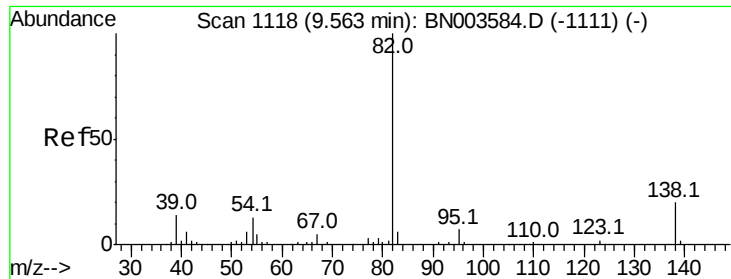
#20
 Nitrobenzene
 Concen: 20.616 ng/ul
 RT: 9.05 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

Tgt Ion: 77 Resp: 156554
 Ion Ratio Lower Upper
 77 100
 123 50.7 41.0 61.6
 65 12.5 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BNC
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 20.741 ng/ul

RT: 9.56 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

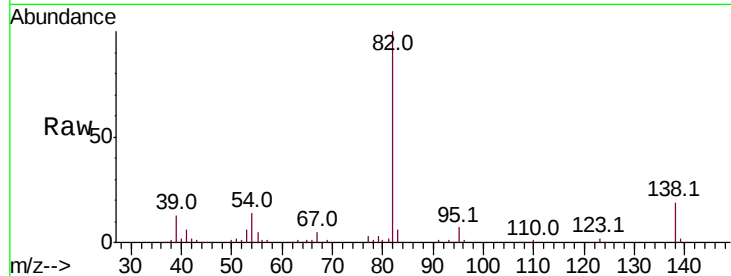
Tot Ion: 82 Resp: 303767

Ion Ratio Lower Upper

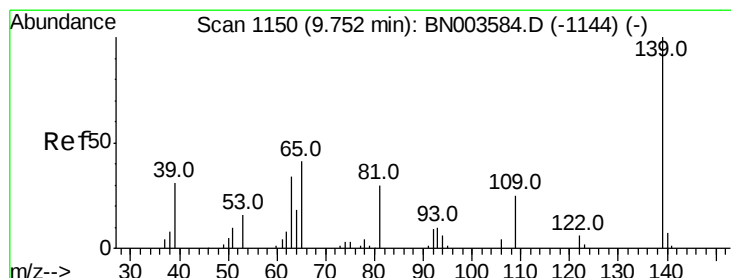
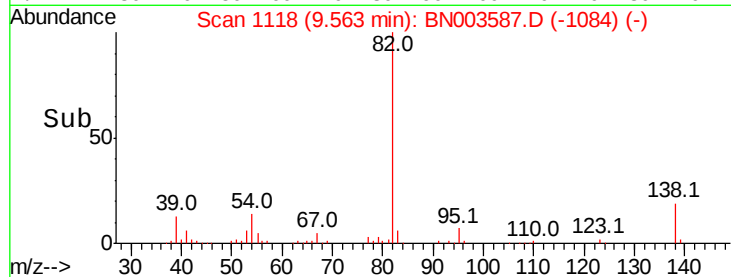
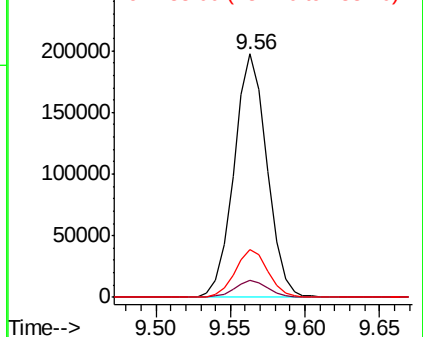
82 100

95 6.8 5.5 8.3

138 19.4 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 138.00 (137.70 to 138.70): BNC



#23

2-Nitrophenol

Concen: 20.536 ng/ul

RT: 9.76 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

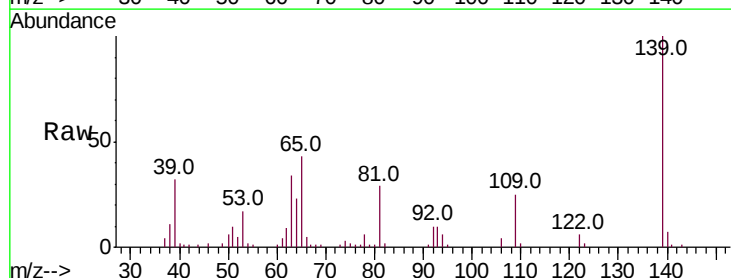
Tgt Ion:139 Resp: 88215

Ion Ratio Lower Upper

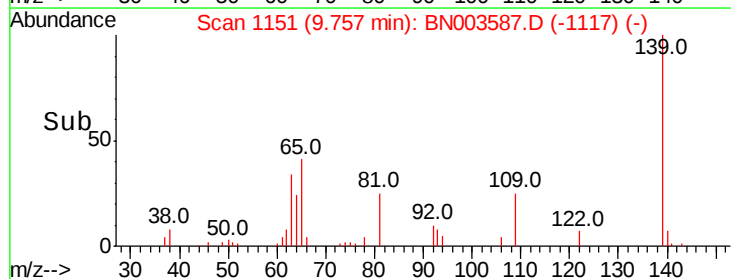
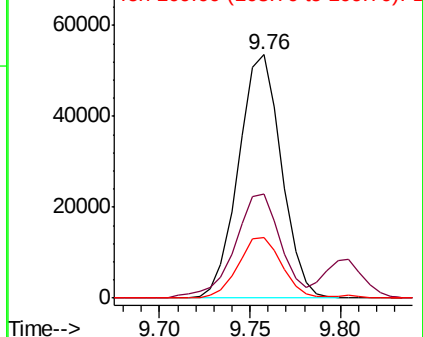
139 100

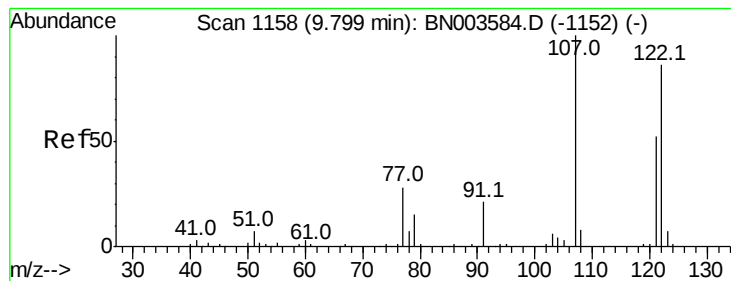
65 42.8 33.0 49.4

109 24.7 19.7 29.5



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





#24

2,4-Dimethylphenol

Concen: 20.566 ng/ul

RT: 9.80 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

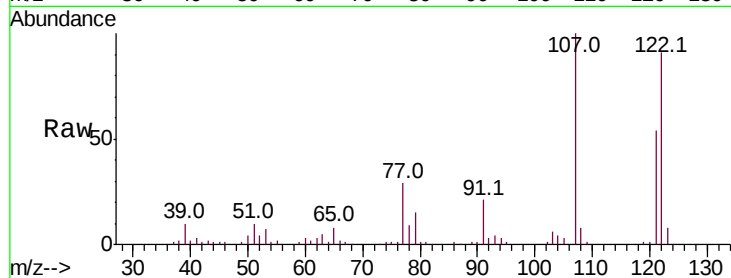
Tot Ion:107 Resp: 167438

Ion Ratio Lower Upper

107 100

121 54.1 43.1 64.7

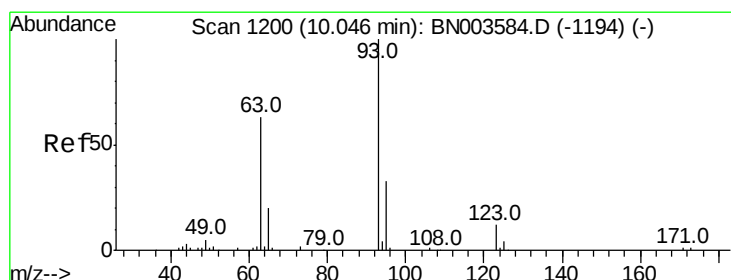
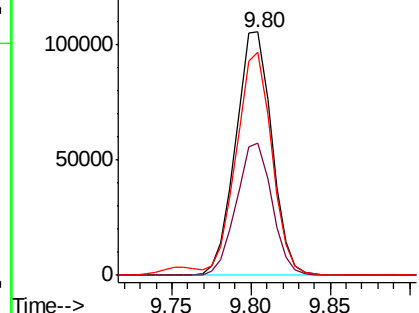
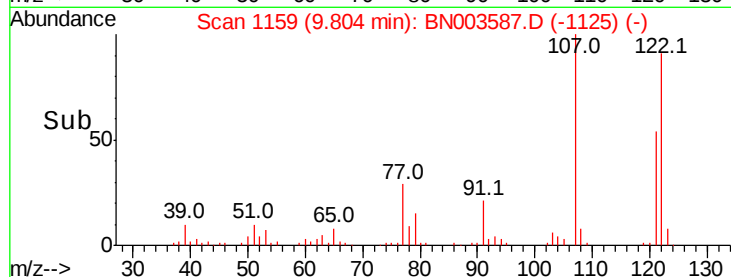
122 91.4 72.3 108.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 20.390 ng/ul

RT: 10.05 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

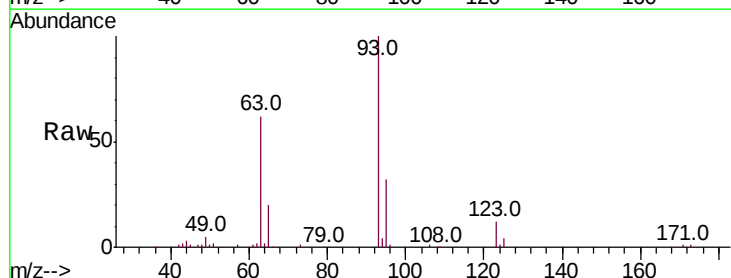
Tgt Ion: 93 Resp: 194587

Ion Ratio Lower Upper

93 100

95 32.2 26.1 39.1

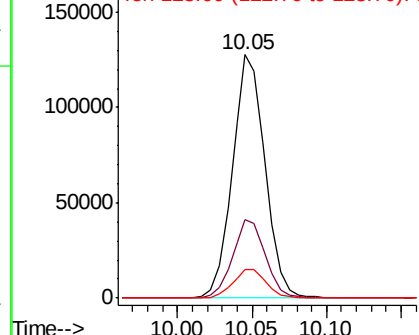
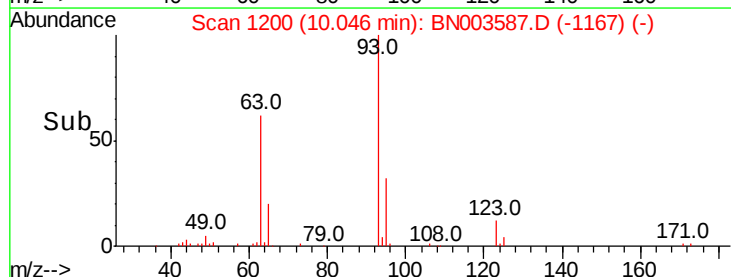
123 11.9 9.8 14.6

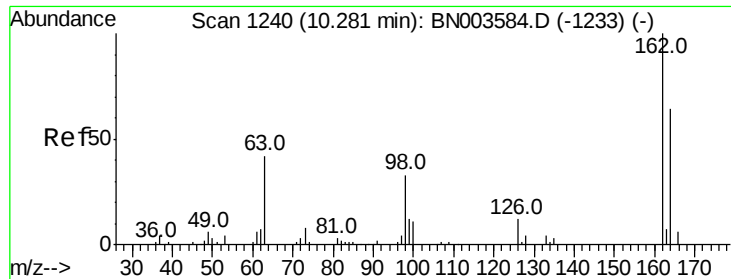


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

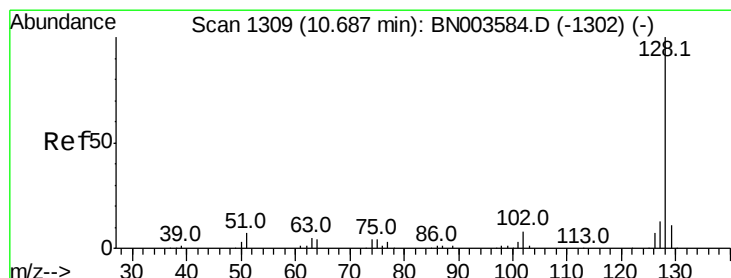
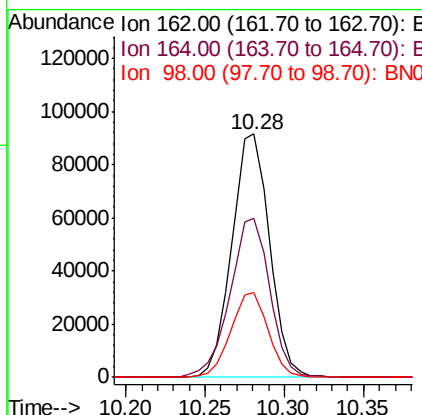
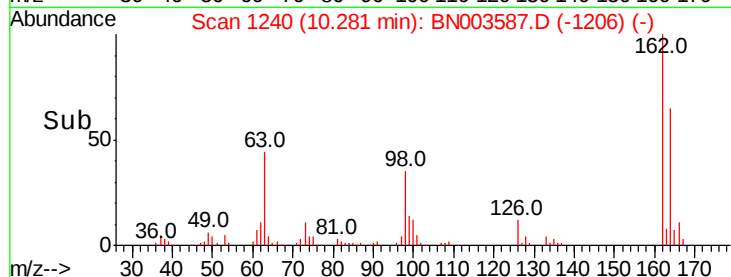
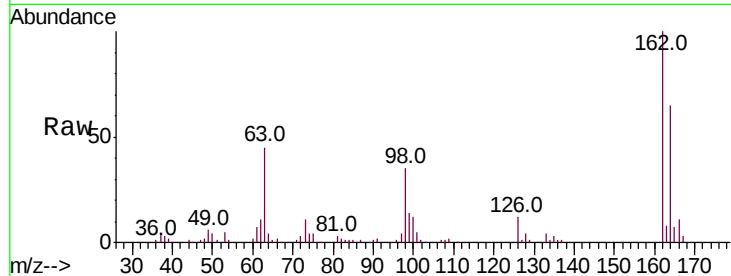




#27
 2,4-Dichlorophenol
 Concen: 20.223 ng/ul
 RT: 10.28 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

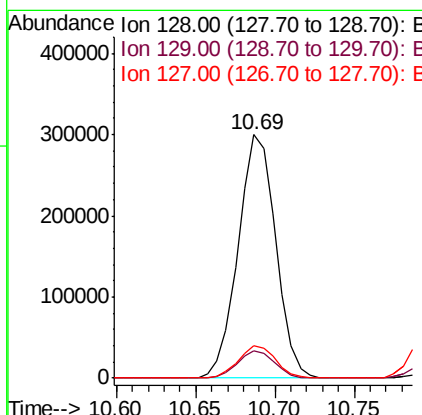
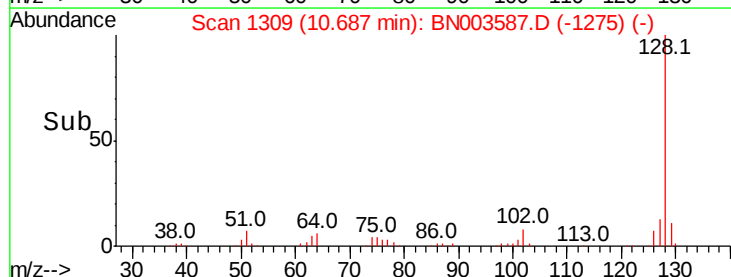
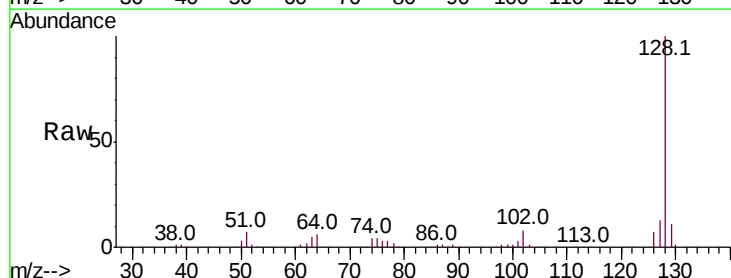
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02002

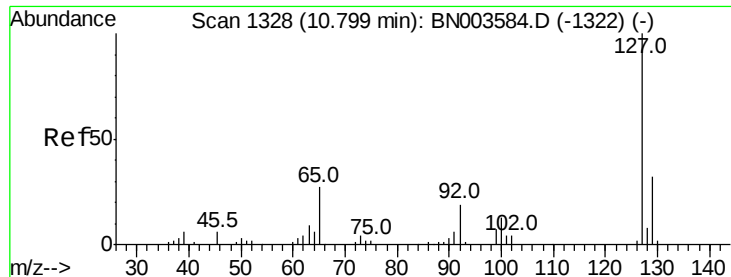
Tot Ion:162 Resp: 151348
 Ion Ratio Lower Upper
 162 100
 164 65.1 52.2 78.2
 98 34.6 27.0 40.4



#28
 Naphthalene
 Concen: 20.411 ng/ul
 RT: 10.69 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

Tgt Ion:128 Resp: 494131
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 13.0
 127 13.3 10.3 15.5

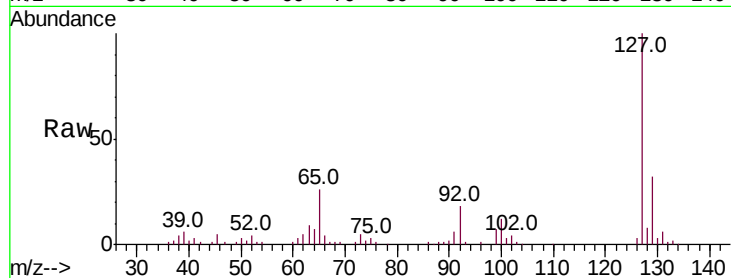




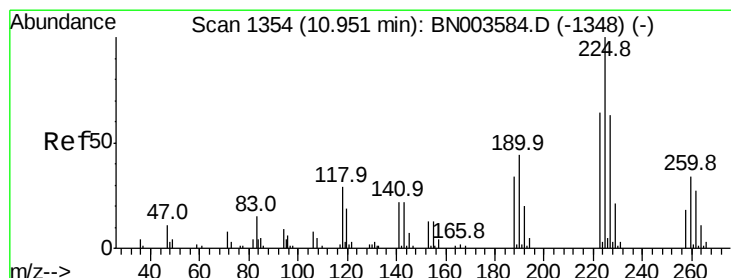
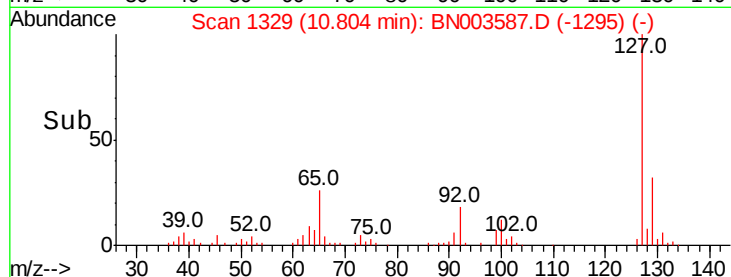
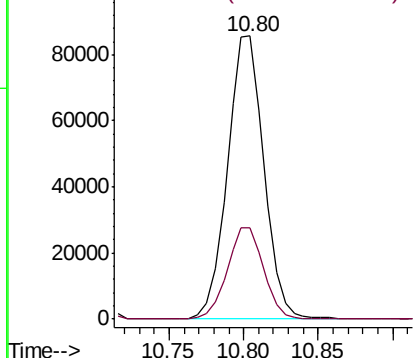
#30
4-Chloroaniline
Concen: 21.944 ng/ul
RT: 10.80 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Instrument :
BNA_N
ClientSampleId :
SSTD02002

Tot Ion:127 Resp: 145744
Ion Ratio Lower Upper
127 100
129 32.3 26.0 39.0

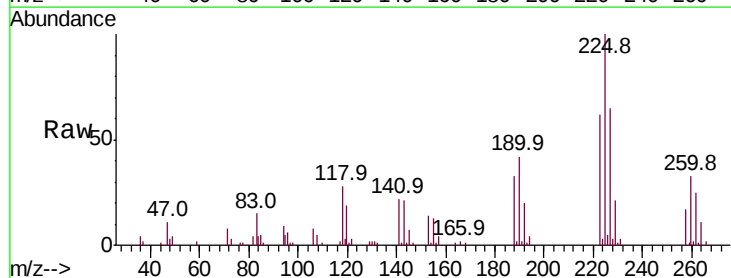


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

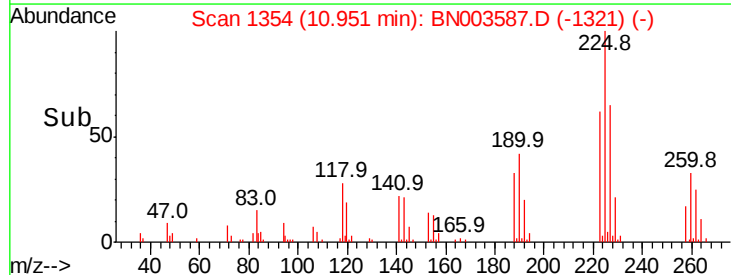
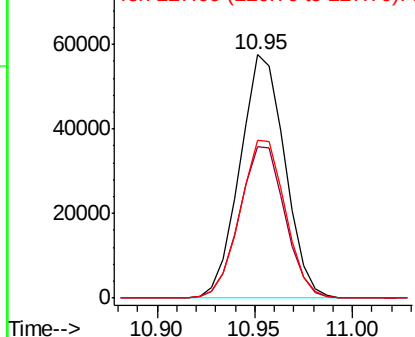


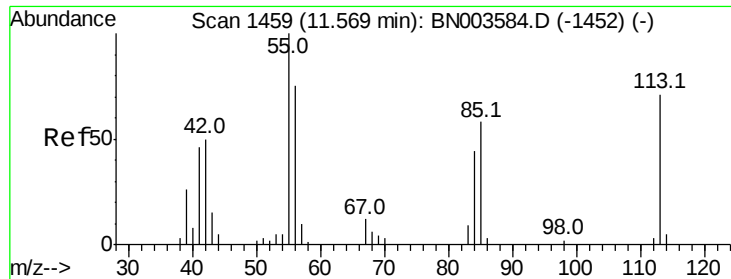
#31
Hexachlorobutadiene
Concen: 19.596 ng/ul
RT: 10.95 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Tgt Ion:225 Resp: 91999
Ion Ratio Lower Upper
225 100
223 62.0 50.6 76.0
227 65.1 52.2 78.4



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





#32

Caprolactam

Concen: 20.408 ng/ul

RT: 11.57 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

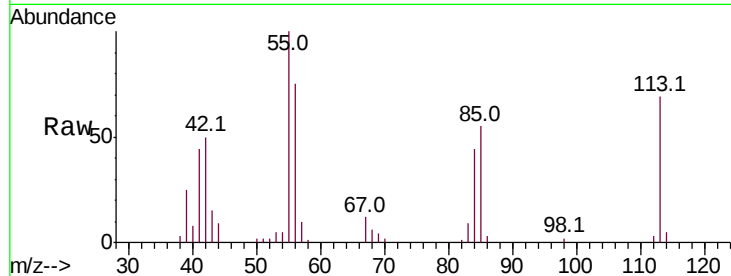
Tot Ion:113 Resp: 46797

Ion Ratio Lower Upper

113 100

55 145.0 109.0 163.6

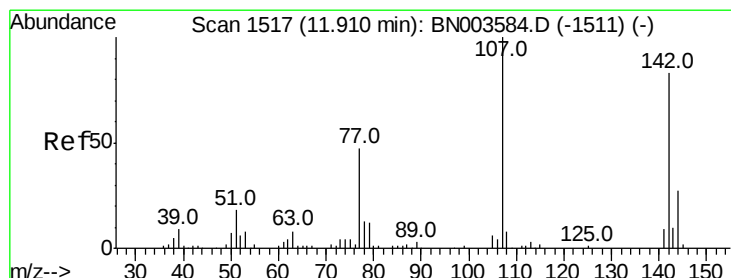
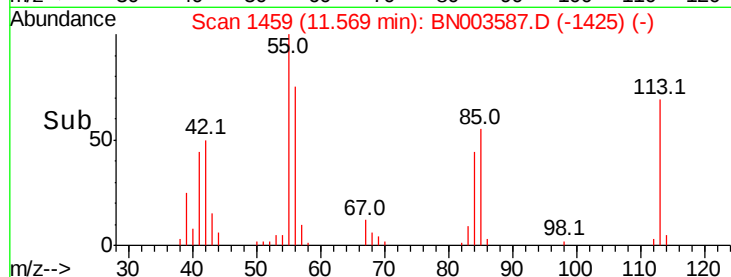
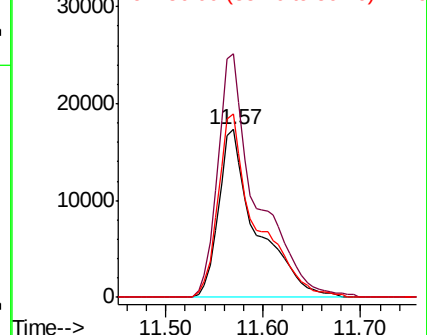
56 109.0 82.9 124.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 21.640 ng/ul

RT: 11.91 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

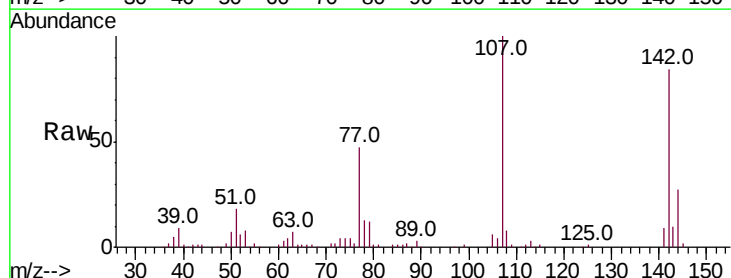
Tgt Ion:107 Resp: 156271

Ion Ratio Lower Upper

107 100

144 27.0 22.2 33.4

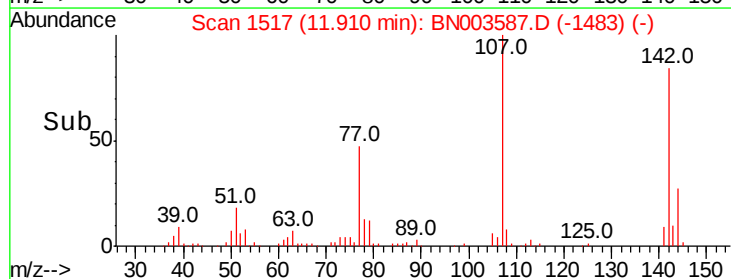
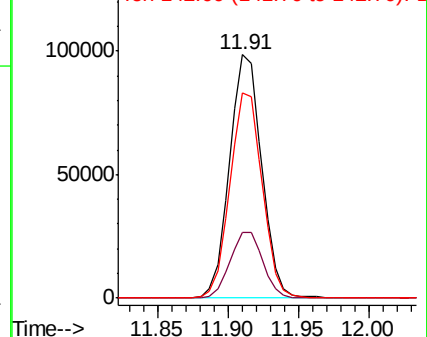
142 84.5 67.3 100.9

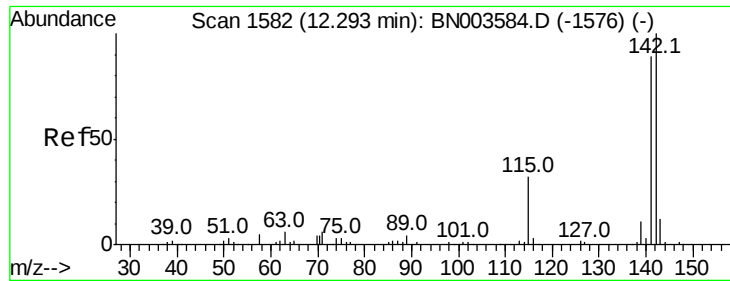


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

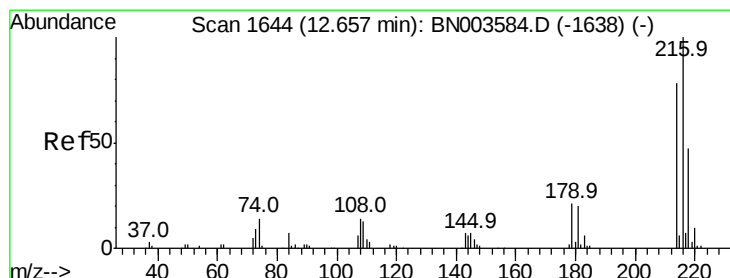
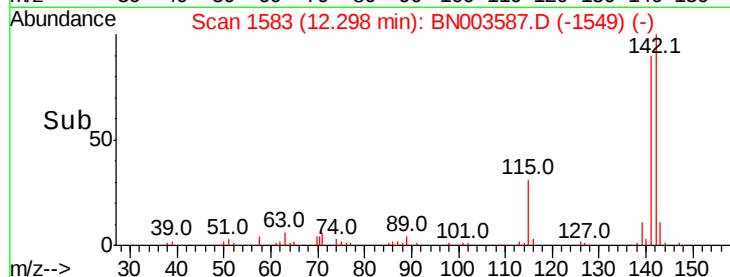
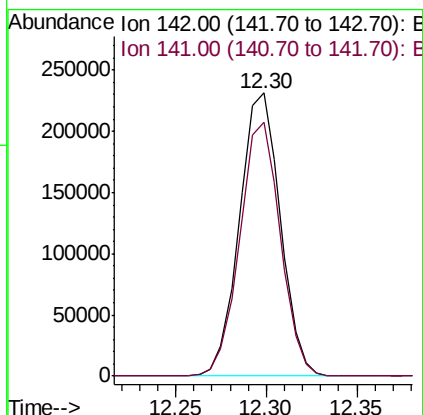
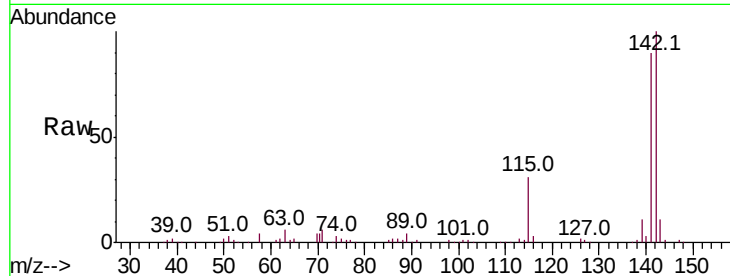




#34
 2-Methylnaphthalene
 Concen: 21.266 ng/ul
 RT: 12.30 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

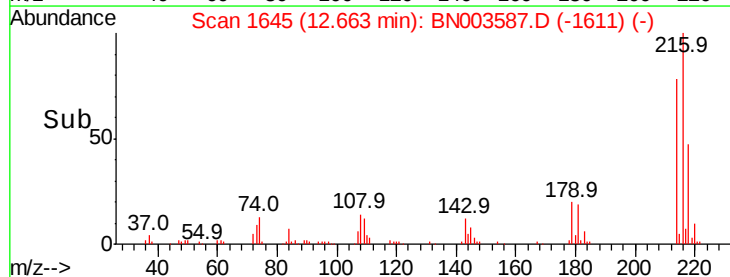
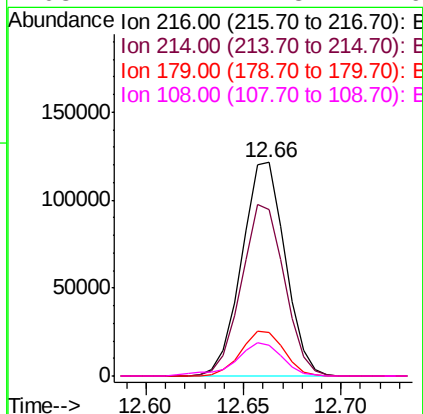
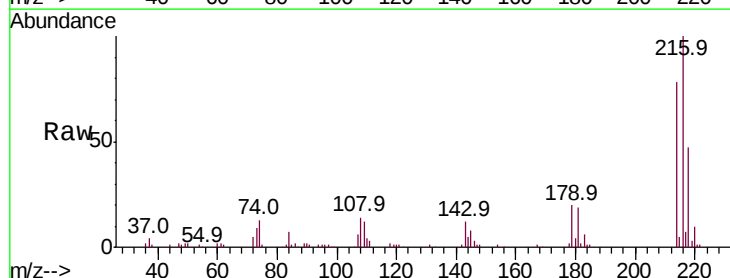
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02002

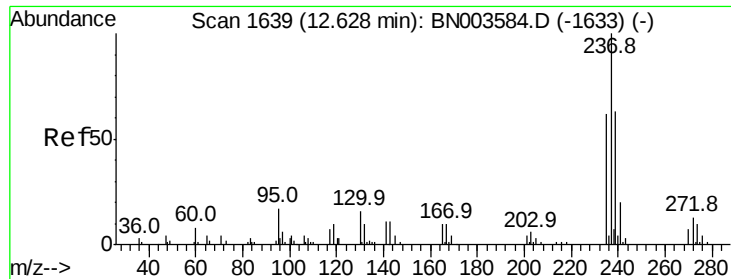
Tot Ion:142 Resp: 362940
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.4 107.2



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.250 ng/ul
 RT: 12.66 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

Tgt Ion:216 Resp: 187491
 Ion Ratio Lower Upper
 216 100
 214 77.8 63.3 94.9
 179 20.2 16.6 25.0
 108 14.4 11.8 17.6

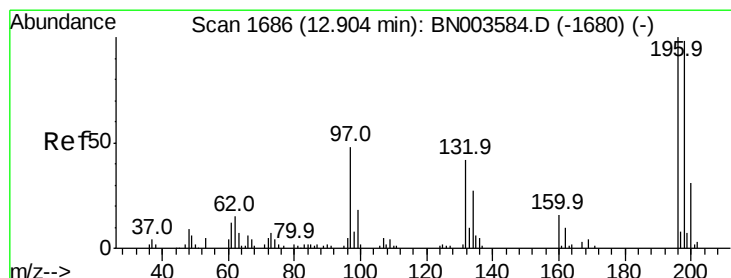
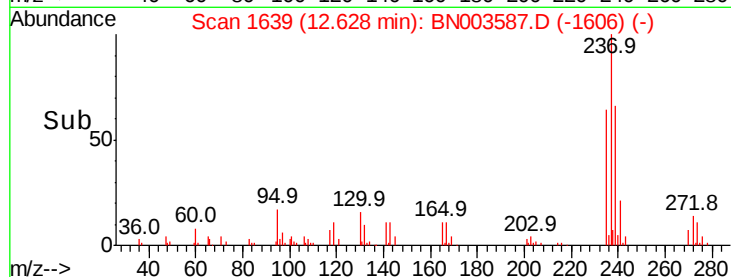
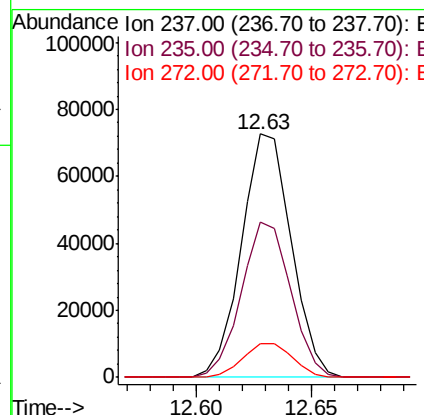
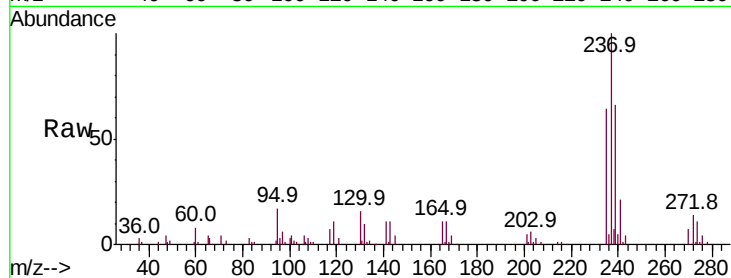




#37
Hexachlorocyclopentadiene
Concen: 17.597 ng/ul
RT: 12.63 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

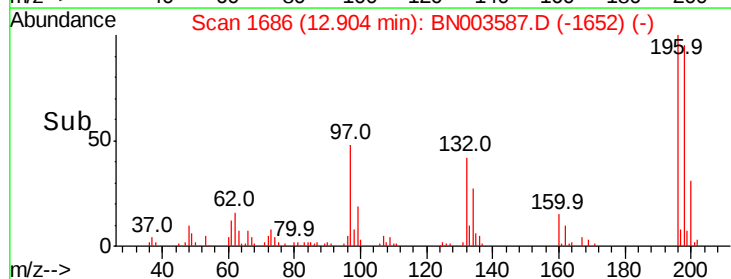
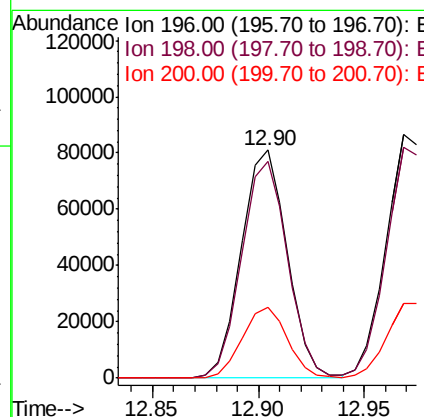
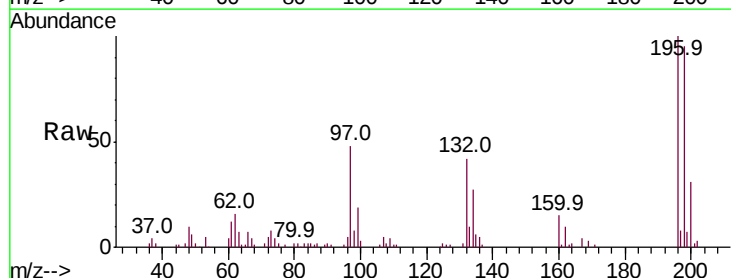
Instrument :
BNA_N
ClientSampleId :
SSTD02002

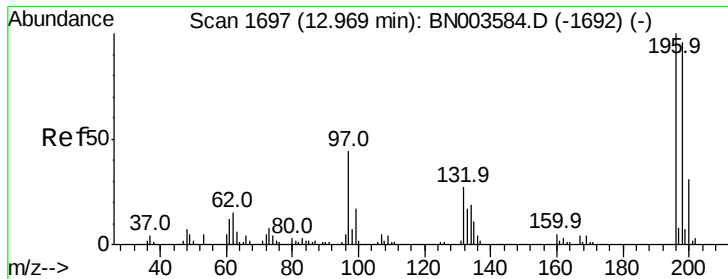
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.8	49.3	73.9
272	13.8	10.8	16.2



#38
2,4,6-Trichlorophenol
Concen: 20.765 ng/ul
RT: 12.90 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.6	116.4
200	31.1	24.9	37.3

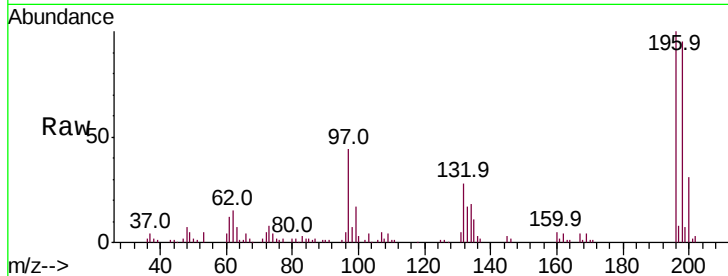




#39
 2,4,5-Trichlorophenol
 Concen: 20.434 ng/ul
 RT: 12.97 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02002

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.3	115.9
200	30.8	24.7	37.1

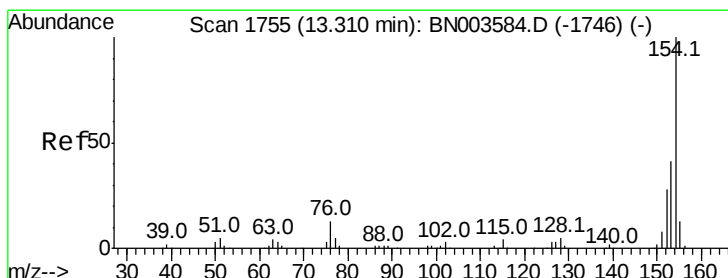
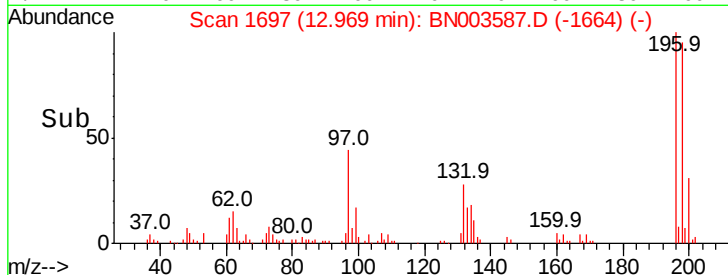
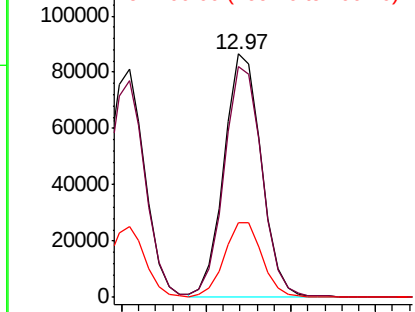


Abundance

Ion 196.00 (195.70 to 196.70): E

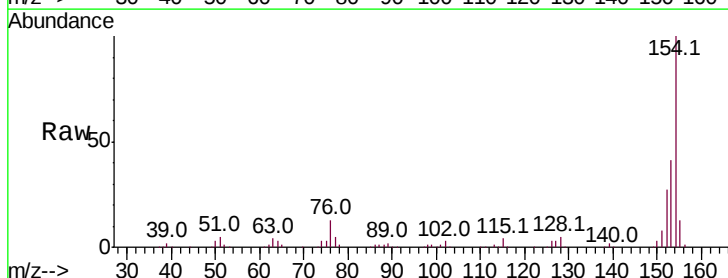
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#40
 1,1'-Biphenyl
 Concen: 20.992 ng/ul
 RT: 13.31 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	33.0	49.4
76	12.9	10.4	15.6

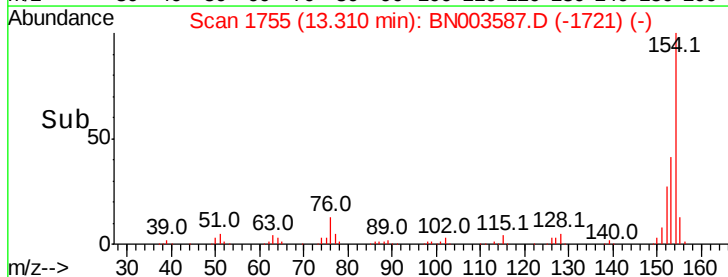
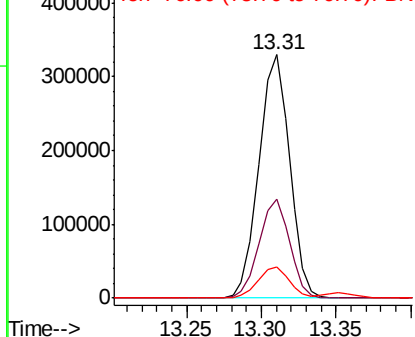


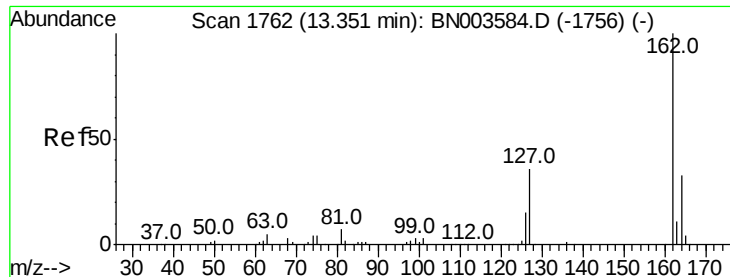
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC

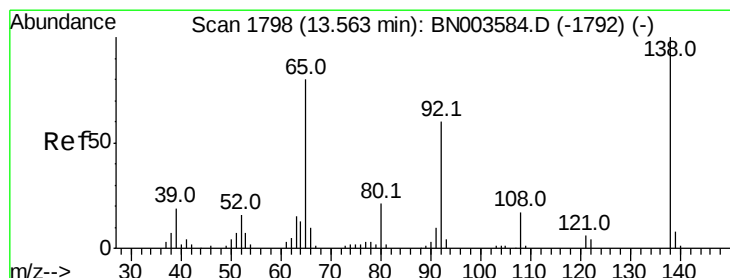
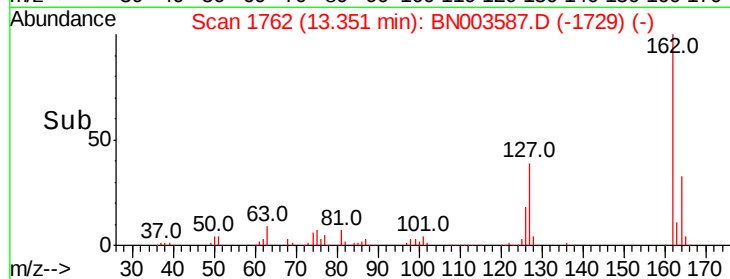
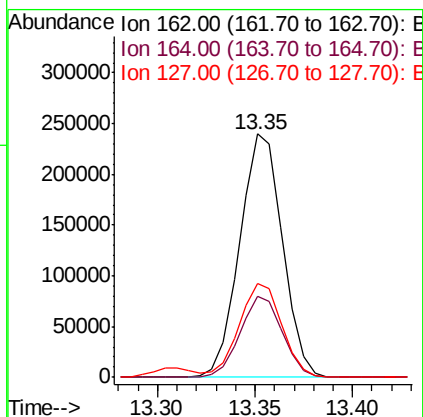
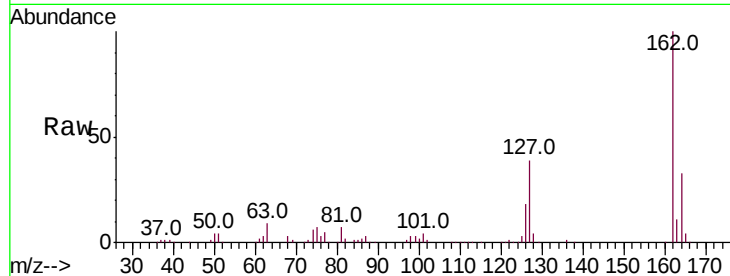




#41
 2-Chloronaphthalene
 Concen: 20.646 ng/ul
 RT: 13.35 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

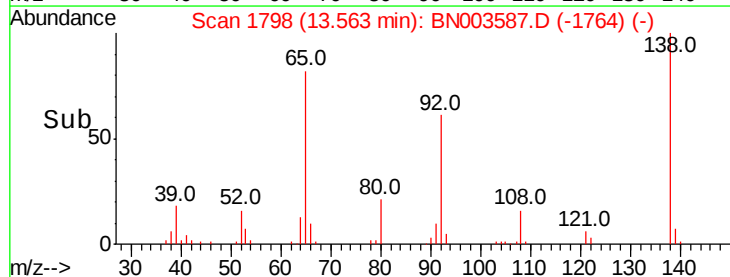
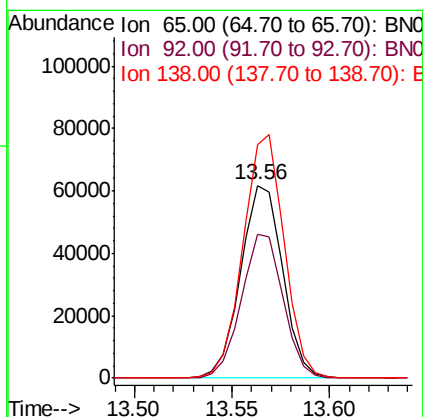
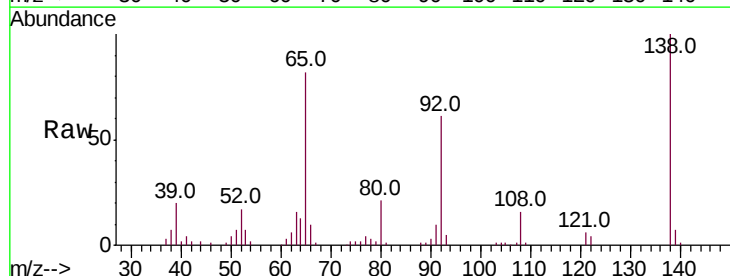
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02002

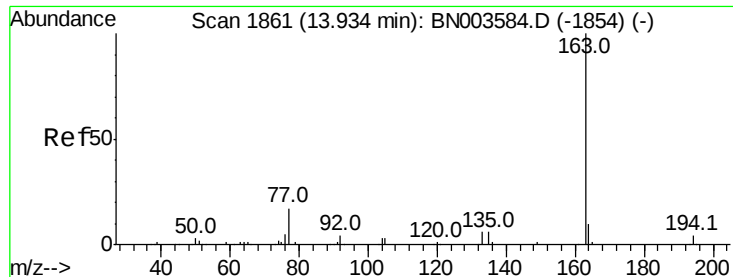
Tot Ion:162 Resp: 363603
 Ion Ratio Lower Upper
 162 100
 164 33.2 26.4 39.6
 127 38.6 30.1 45.1



#42
 2-Nitroaniline
 Concen: 21.838 ng/ul
 RT: 13.56 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

Tgt Ion: 65 Resp: 91994
 Ion Ratio Lower Upper
 65 100
 92 74.4 58.2 87.4
 138 121.4 101.1 151.7





#44

Dimethylphthalate

Concen: 20.268 ng/ul

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

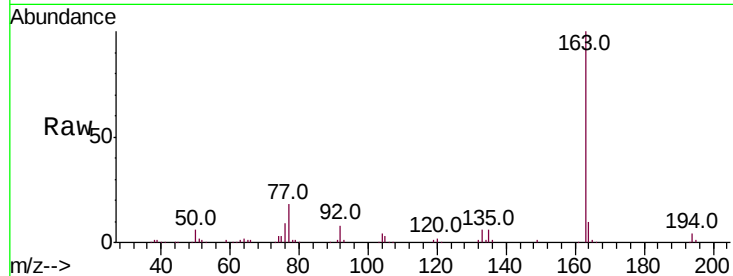
Tot Ion:163 Resp: 457562

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

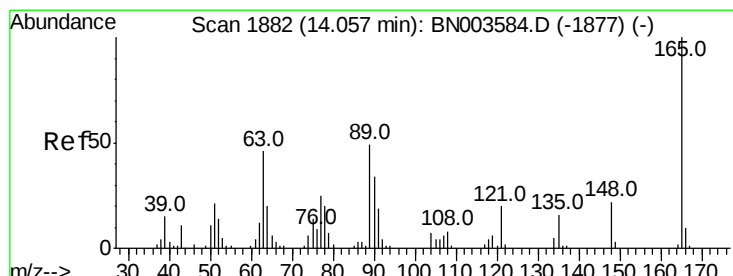
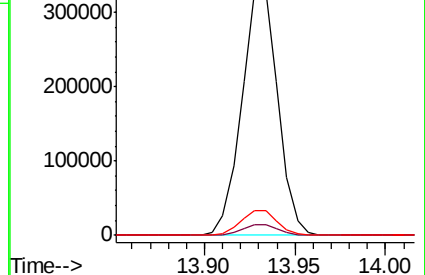
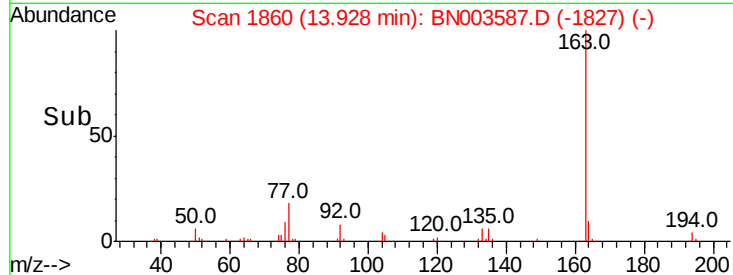
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 21.038 ng/ul

RT: 14.06 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

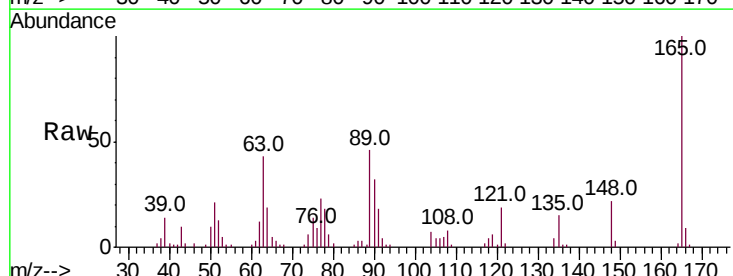
Tgt Ion:165 Resp: 95138

Ion Ratio Lower Upper

165 100

89 46.0 38.4 57.6

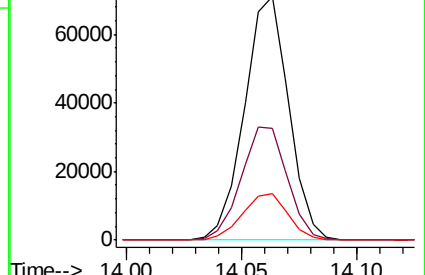
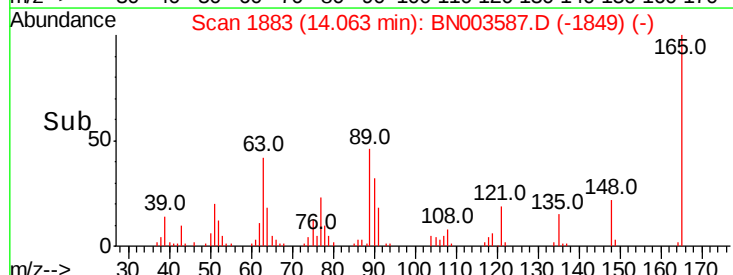
121 19.0 15.3 22.9

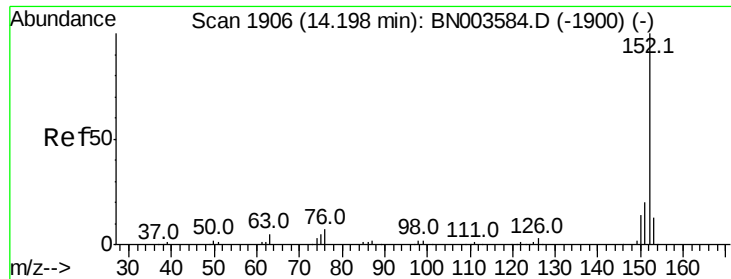


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.651 ng/ul

RT: 14.20 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

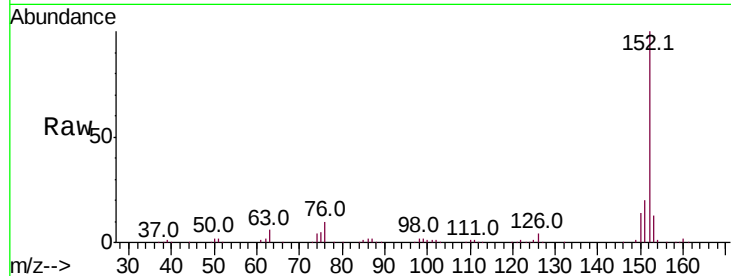
Tot Ion:152 Resp: 555838

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

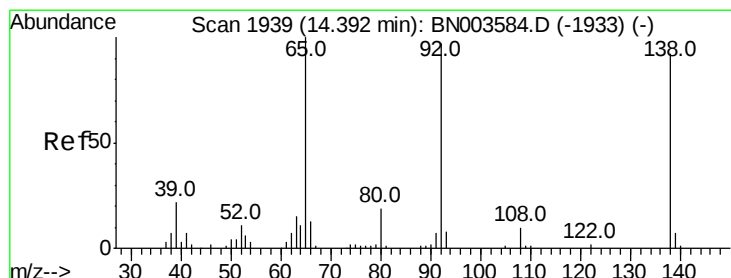
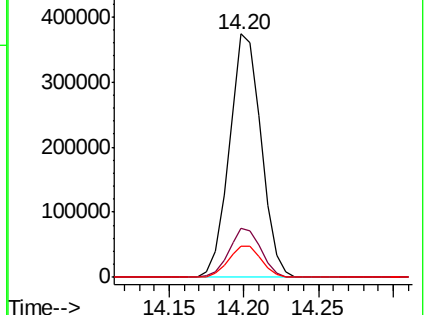
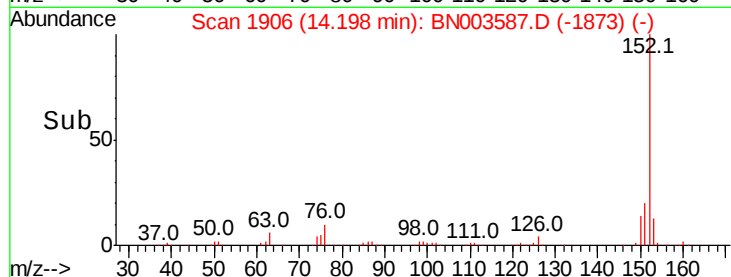
153 12.9 10.5 15.7



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



#48

3-Nitroaniline

Concen: 20.374 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

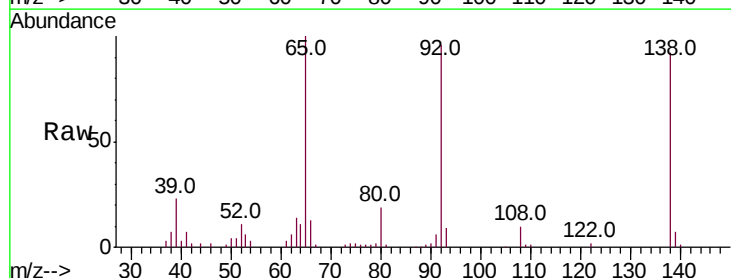
Tgt Ion:138 Resp: 90768

Ion Ratio Lower Upper

138 100

108 10.4 8.2 12.4

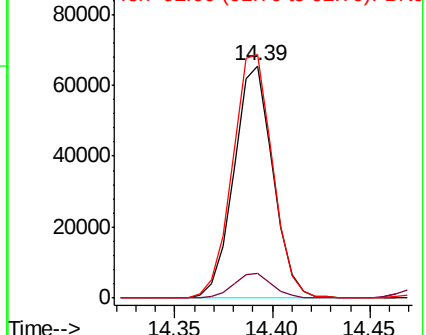
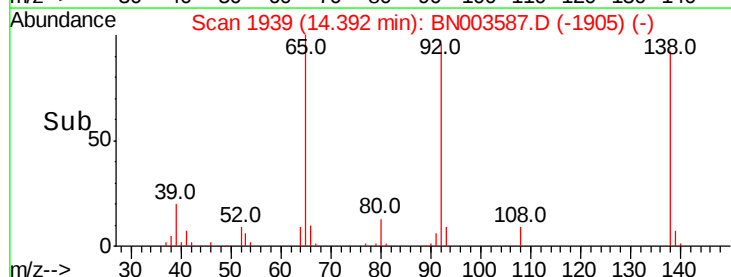
92 104.7 85.8 128.6

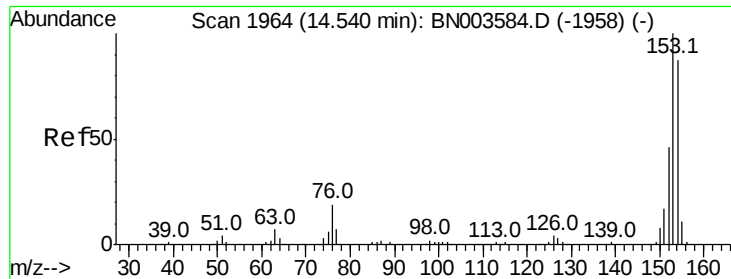


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 20.179 ng/ul

RT: 14.54 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

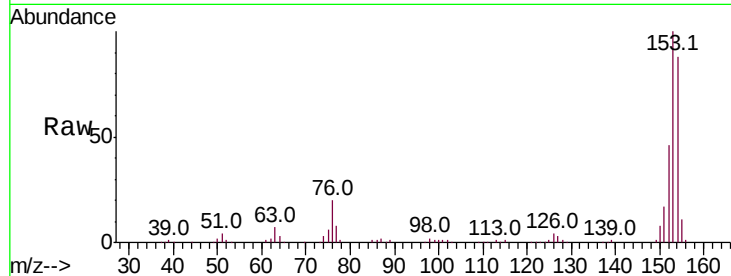
Tot Ion:153 Resp: 390262

Ion Ratio Lower Upper

153 100

152 46.1 37.5 56.3

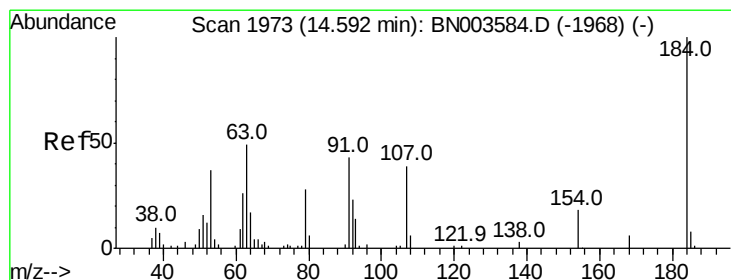
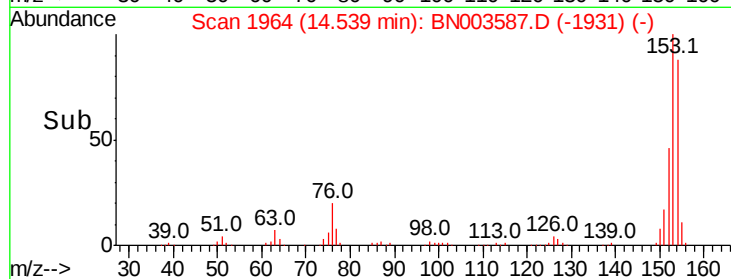
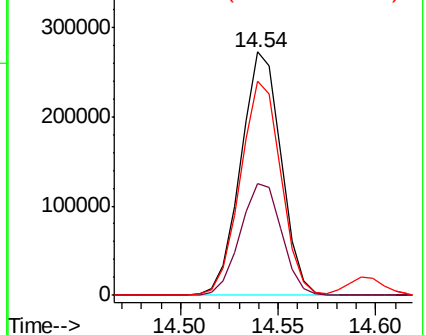
154 88.1 70.7 106.1



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 17.556 ng/ul

RT: 14.59 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

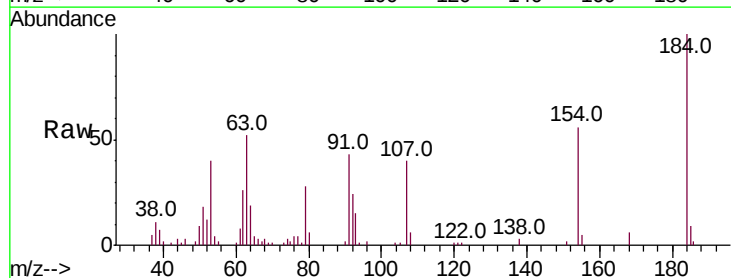
Tgt Ion:184 Resp: 52129

Ion Ratio Lower Upper

184 100

63 52.3 38.2 57.4

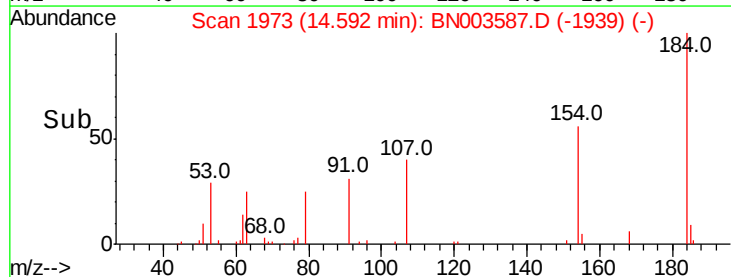
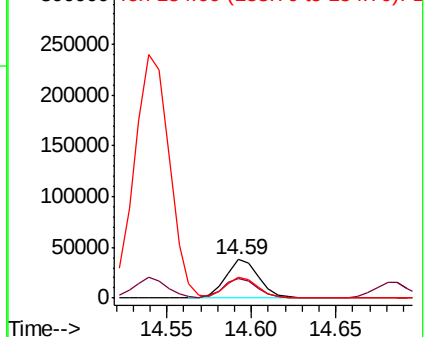
154 55.5 43.7 65.5

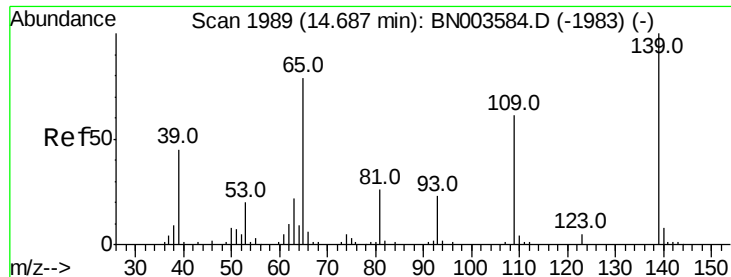


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.963 ng/ul

RT: 14.69 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

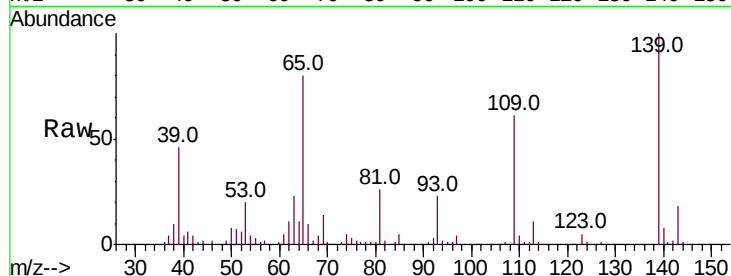
Tot Ion:109 Resp: 57243

Ion Ratio Lower Upper

109 100

139 164.7 133.6 200.4

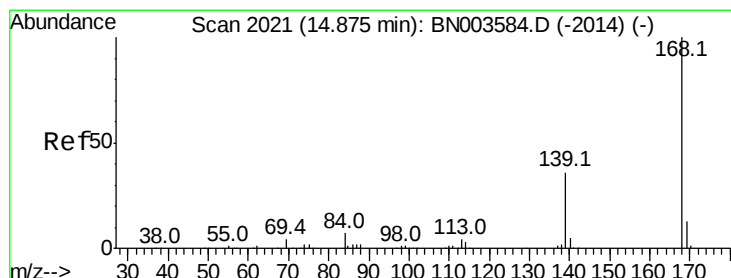
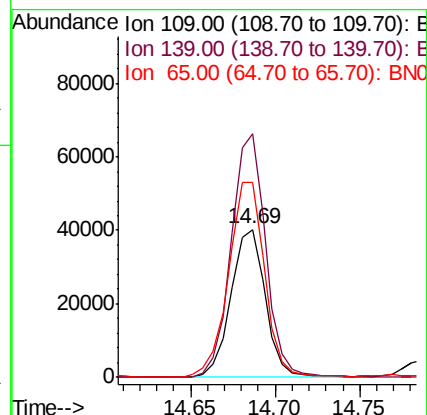
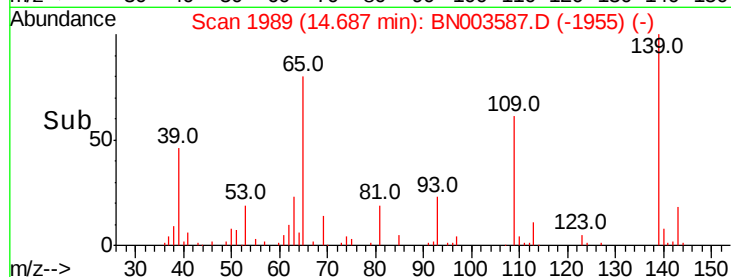
65 131.8 103.7 155.5



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



#53

Dibenzofuran

Concen: 20.317 ng/ul

RT: 14.87 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BN003587.D

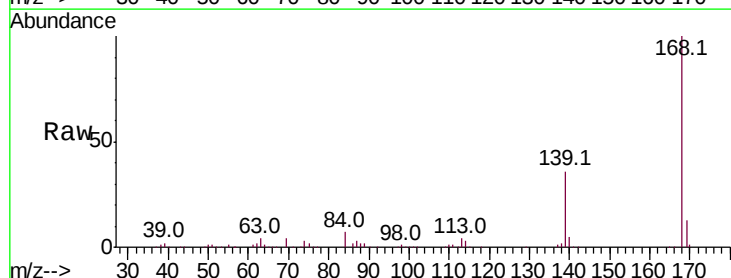
Acq: 19 Nov 2018 10:53

Tgt Ion:168 Resp: 553408

Ion Ratio Lower Upper

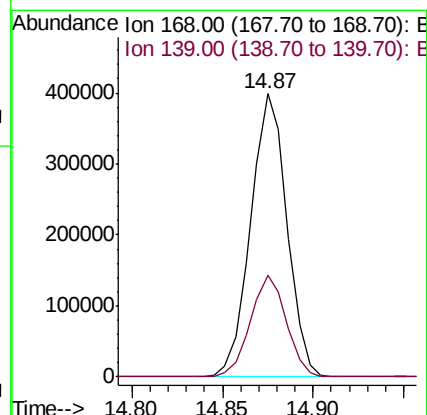
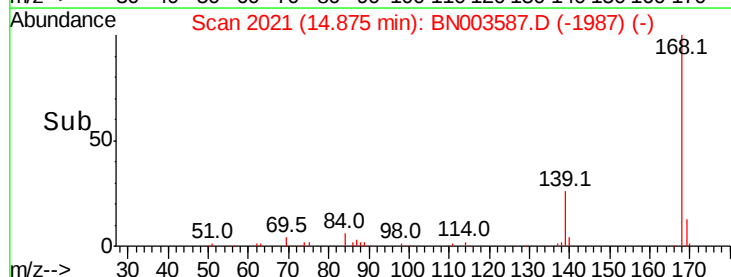
168 100

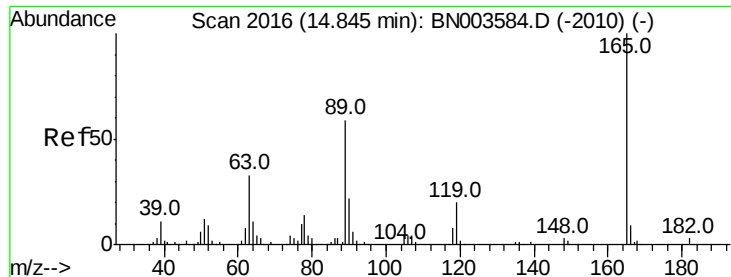
139 35.8 28.2 42.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

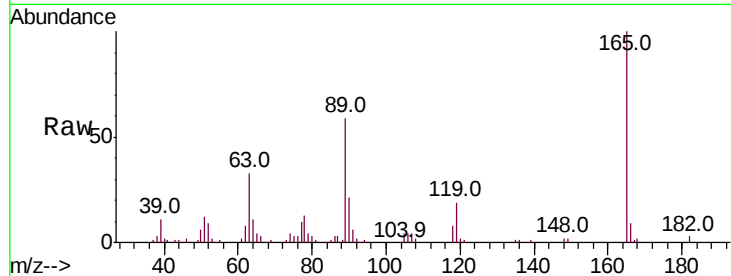




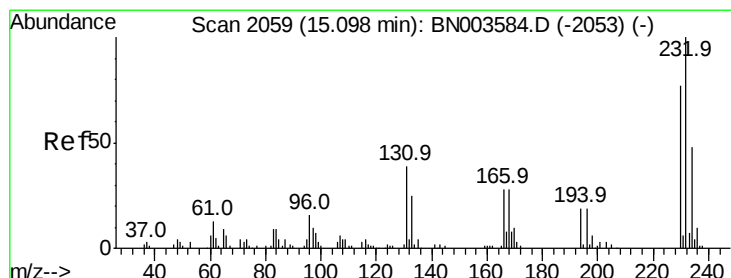
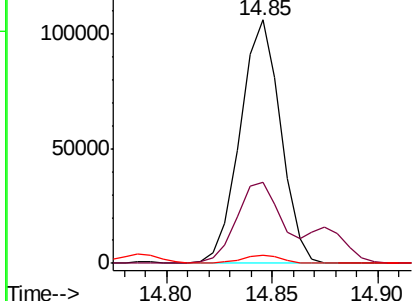
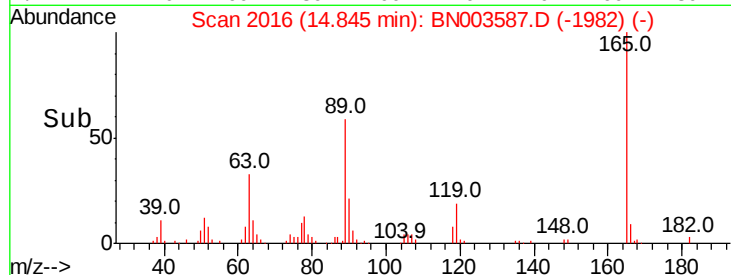
#54
 2,4-Dinitrotoluene
 Concen: 20.658 ng/ul
 RT: 14.85 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

Instrument :
 BNA_N
 ClientSampled :
 SSTD02002

Tot Ion:165 Resp: 141474
 Ion Ratio Lower Upper
 165 100
 63 33.2 26.8 40.2
 182 3.1 2.5 3.7

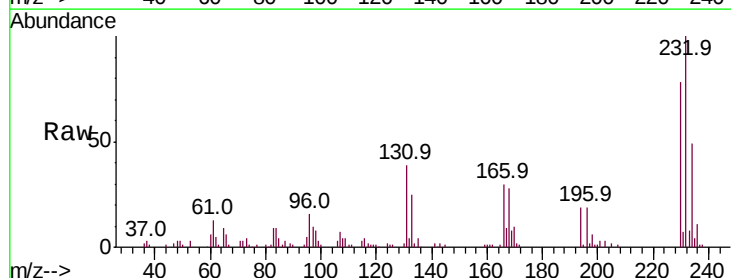


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 182.00 (181.70 to 182.70): E

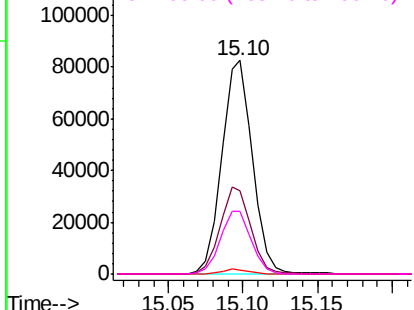
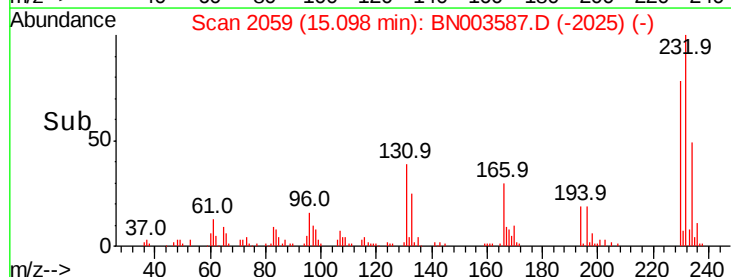


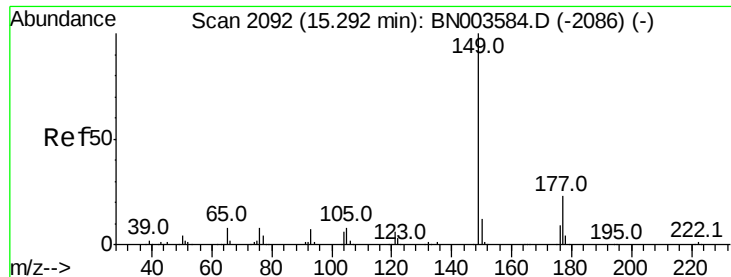
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.959 ng/ul
 RT: 15.10 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

Tgt Ion:232 Resp: 119255
 Ion Ratio Lower Upper
 232 100
 131 39.2 32.2 48.4
 130 2.1 1.6 2.4
 166 29.6 23.8 35.8



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

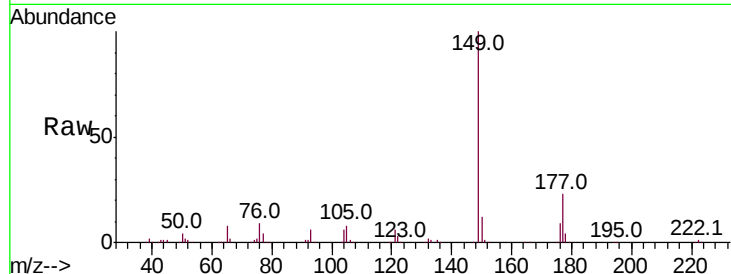




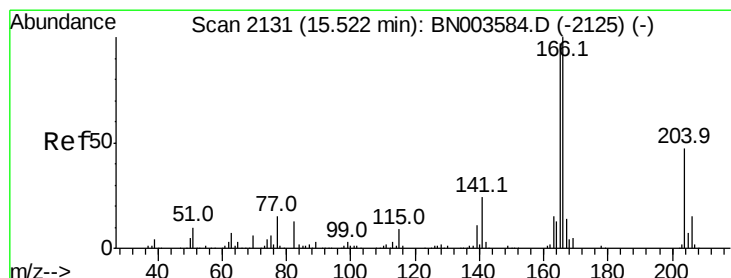
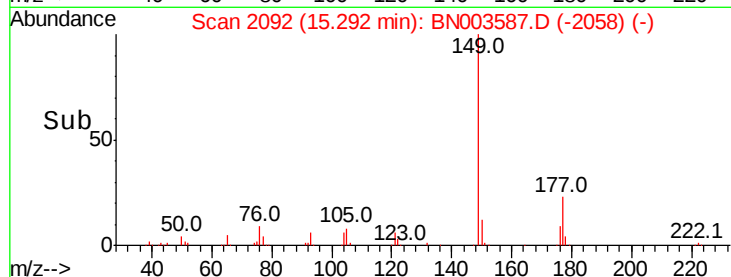
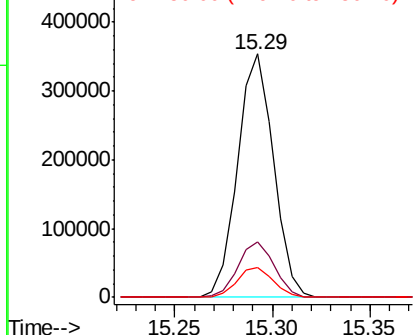
#56
Diethylphthalate
Concen: 21.157 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Instrument :
BNA_N
ClientSampleId :
SSTD02002

Tot Ion:149 Resp: 452064
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.5 10.0 15.0

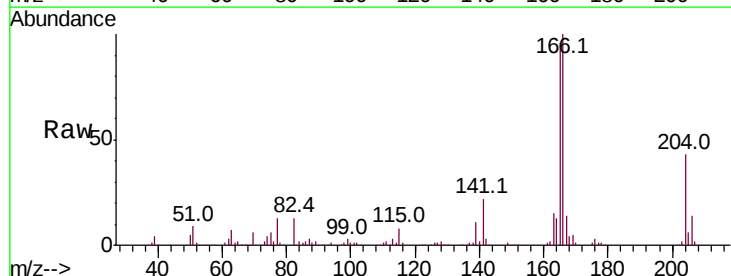


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

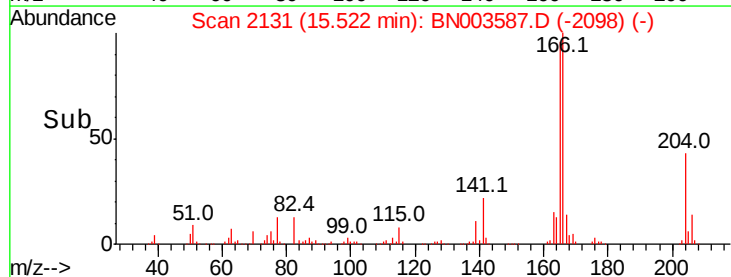
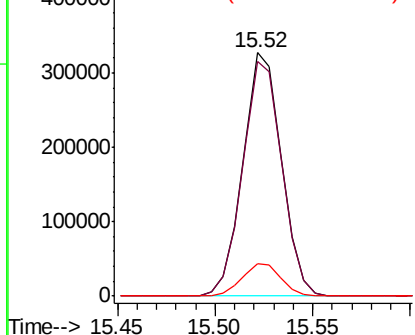


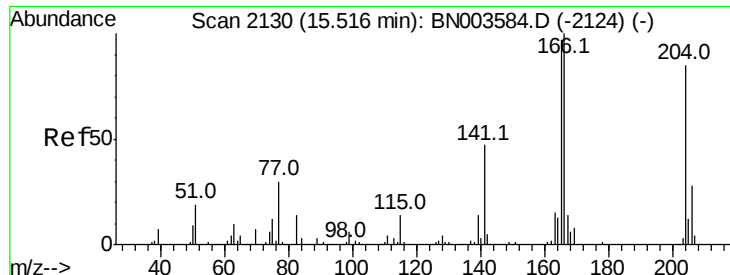
#58
Fluorene
Concen: 21.428 ng/ul
RT: 15.52 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Tgt Ion:166 Resp: 448464
Ion Ratio Lower Upper
166 100
165 96.5 78.4 117.6
167 13.5 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

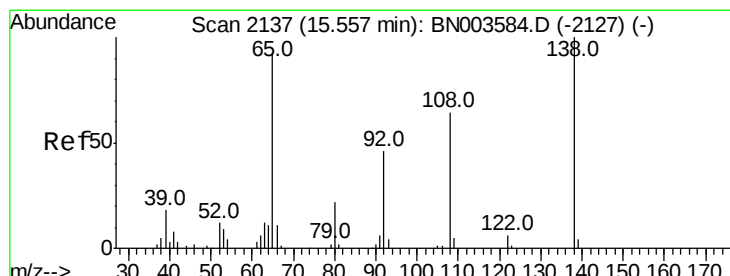
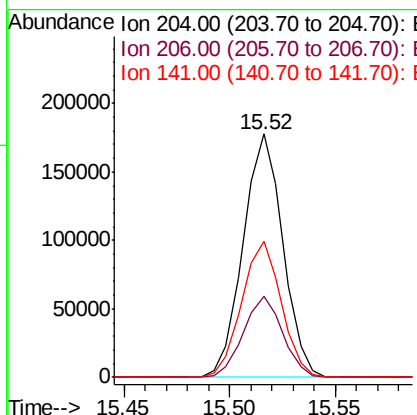
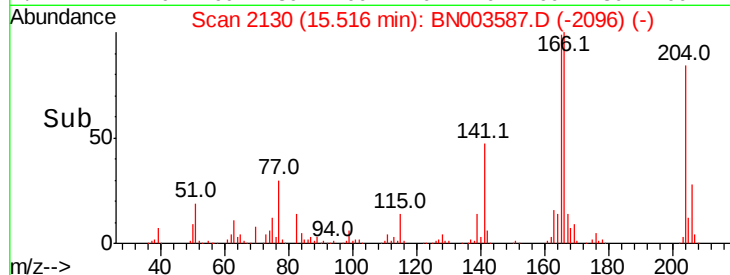
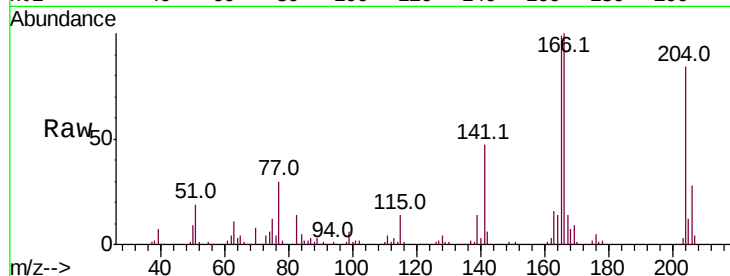




#59
 4-Chlorophenyl-phenylether
 Concen: 21.180 ng/ul
 RT: 15.52 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

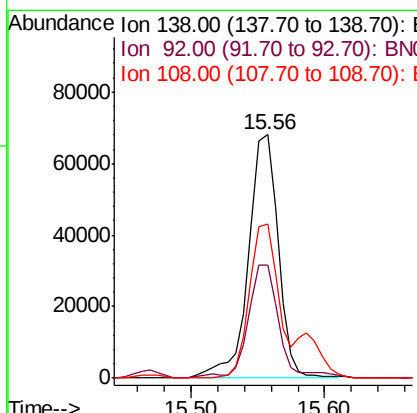
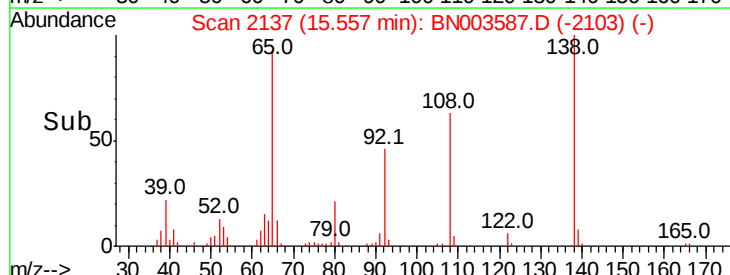
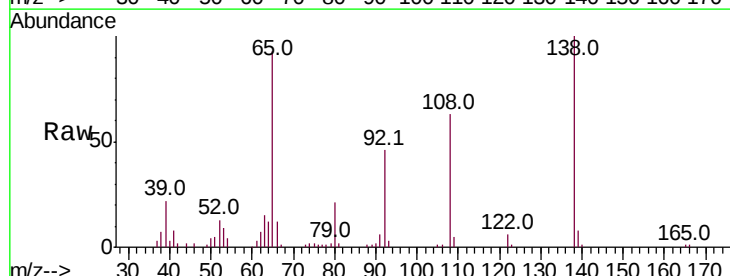
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02002

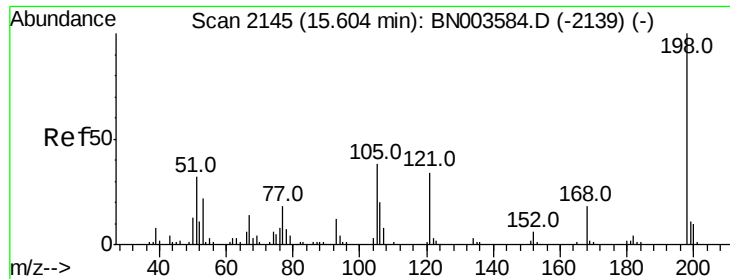
Tot Ion:	204	Resp:	231914
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.4
141	55.7	45.3	67.9



#60
 4-Nitroaniline
 Concen: 20.619 ng/ul
 RT: 15.56 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BN003587.D
 Acq: 19 Nov 2018 10:53

Tgt Ion:	138	Resp:	104632
Ion	Ratio	Lower	Upper
138	100		
92	46.2	36.2	54.4
108	63.4	50.6	75.8

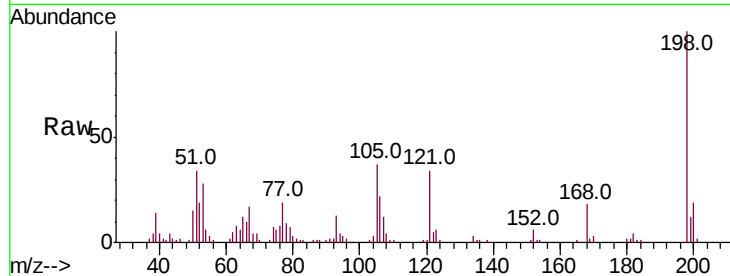




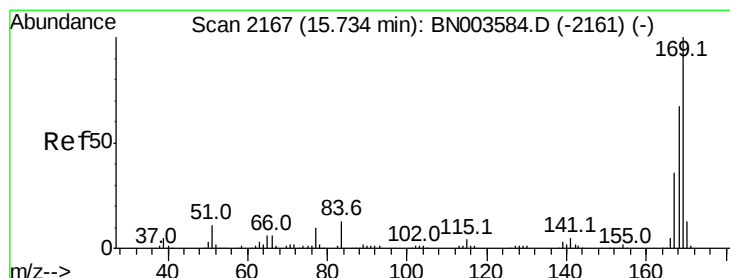
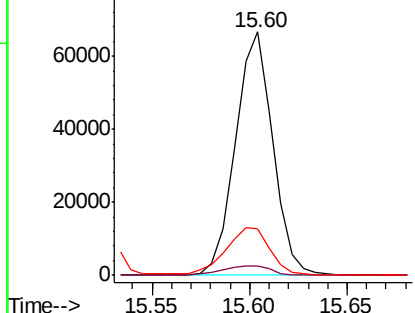
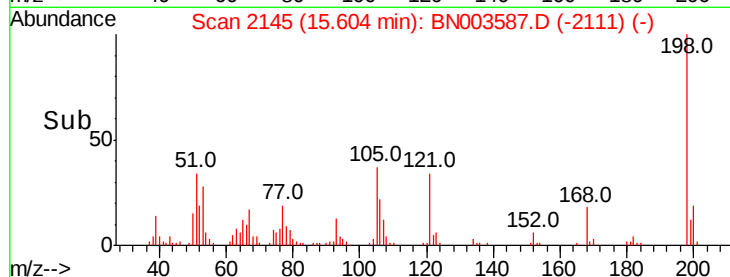
#63
4,6-Dinitro-2-methylphenol
Concen: 19.159 ng/ul
RT: 15.60 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Instrument :
BNA_N
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Lower	Upper
198	100		
182	3.6	3.0	4.6
77	18.8	15.1	22.7

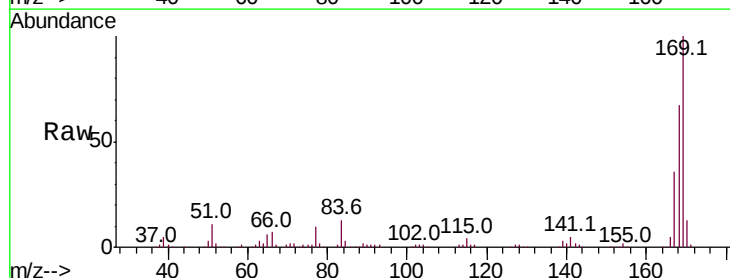


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BNC

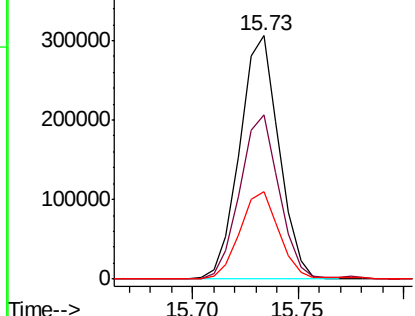
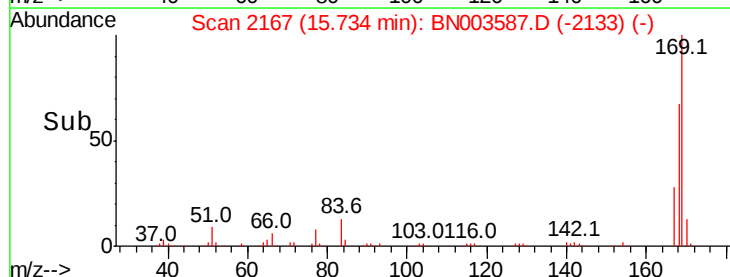


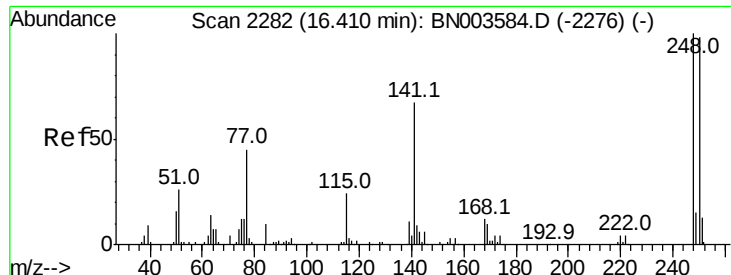
#64
N-Nitrosodiphenylamine
Concen: 20.290 ng/ul
RT: 15.73 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.7	82.1
167	36.0	29.2	43.8



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

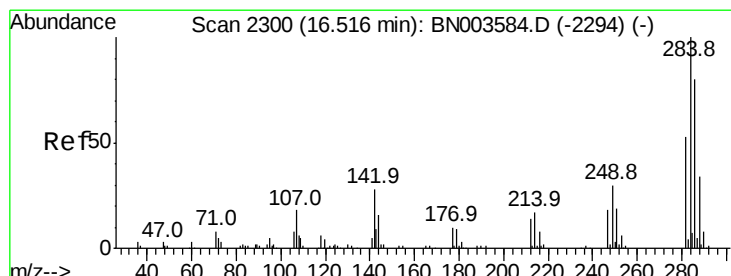
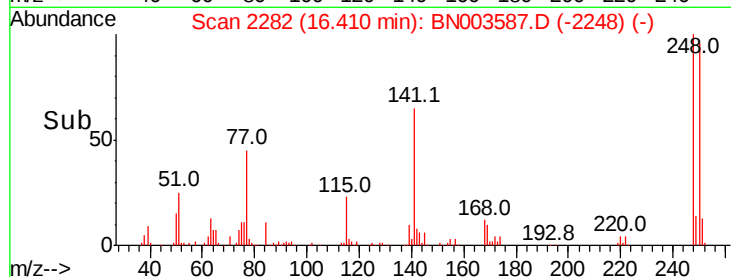
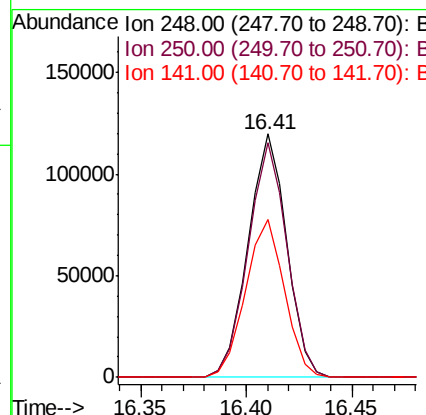
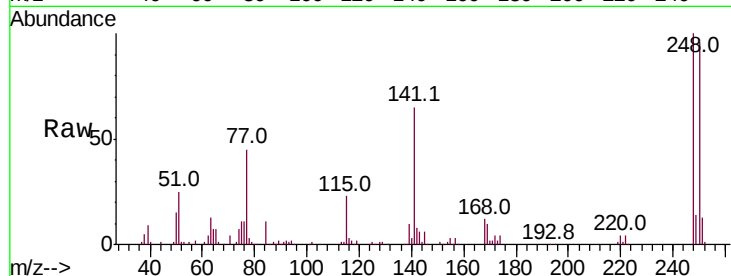




#65
4-Bromophenyl-phenylether
Concen: 20.042 ng/ul
RT: 16.41 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

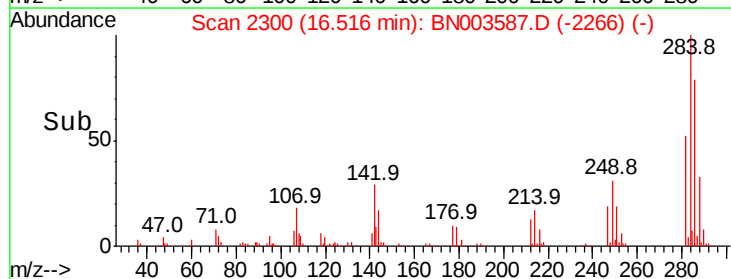
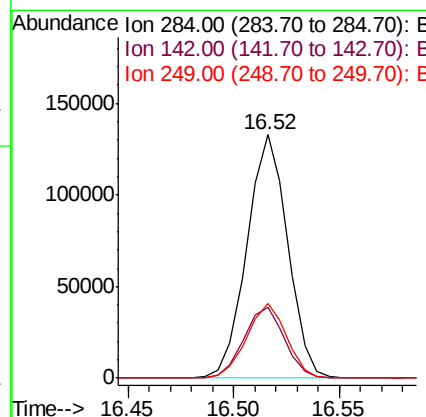
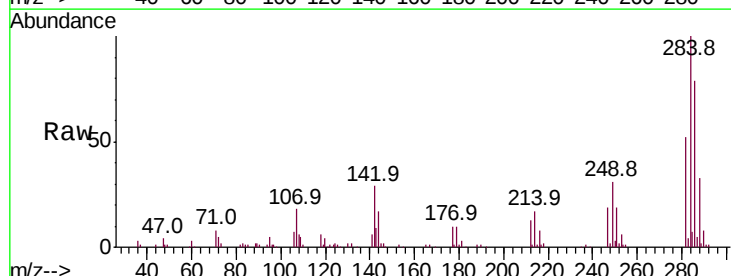
Instrument :
BNA_N
ClientSampleId :
SSTD02002

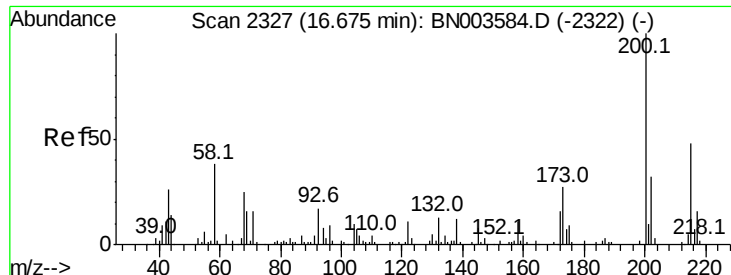
Tot Ion:248 Resp: 151971
Ion Ratio Lower Upper
248 100
250 96.1 76.4 114.6
141 64.8 52.6 78.8



#66
Hexachlorobenzene
Concen: 19.759 ng/ul
RT: 16.52 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Tgt Ion:284 Resp: 177617
Ion Ratio Lower Upper
284 100
142 29.2 23.0 34.6
249 30.9 24.2 36.2

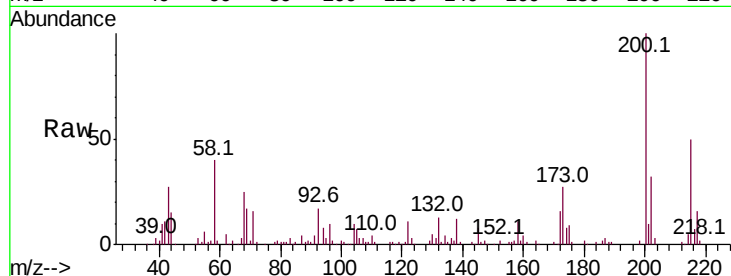




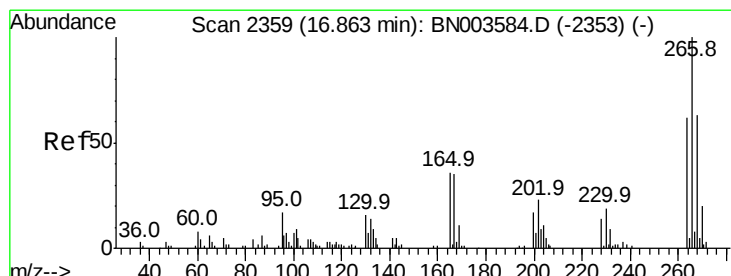
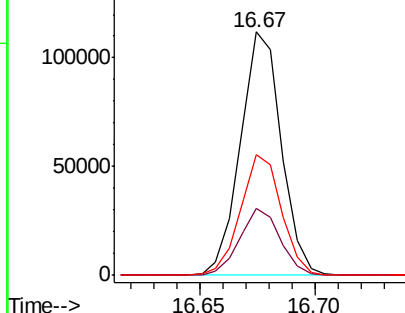
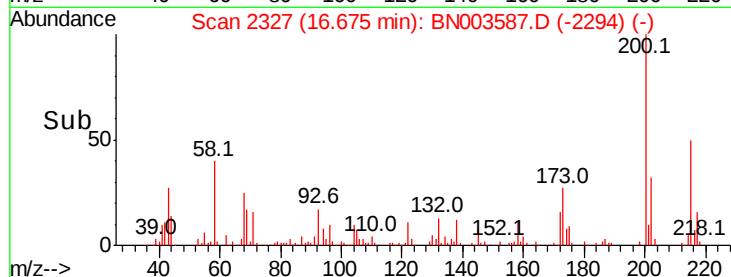
#67
Atrazine
Concen: 19.761 ng/ul
RT: 16.67 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Instrument :
BNA_N
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	21.0	31.4
215	49.6	39.8	59.6

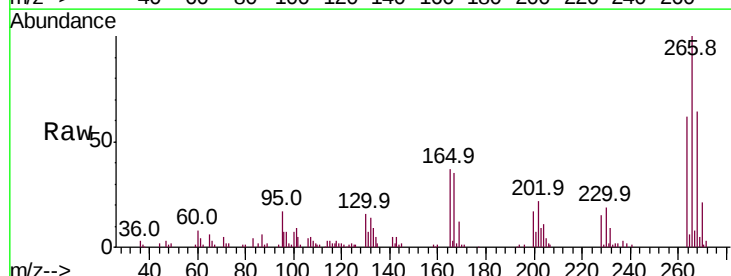


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

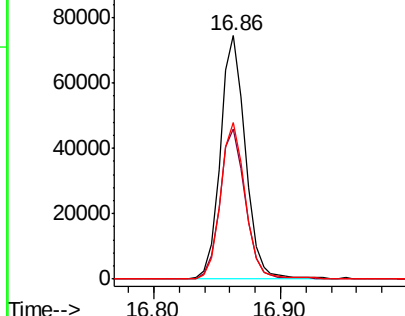
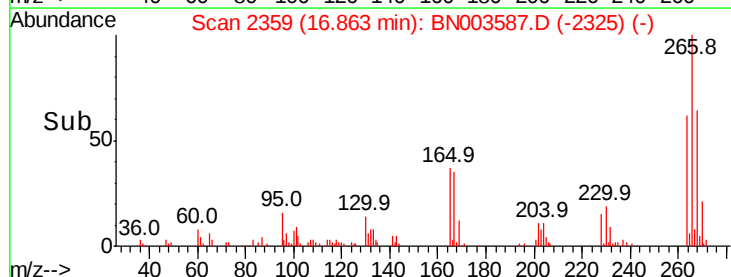


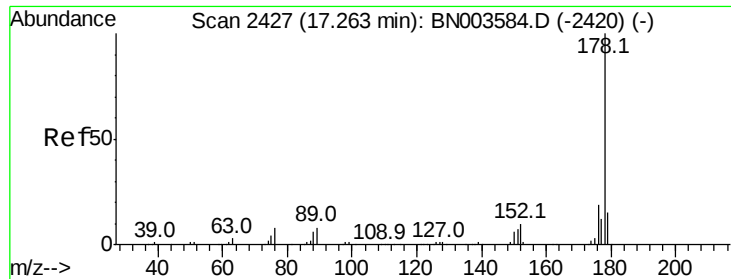
#68
Pentachlorophenol
Concen: 18.764 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.6	76.0
268	64.5	51.3	76.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.336 ng/ul

RT: 17.26 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

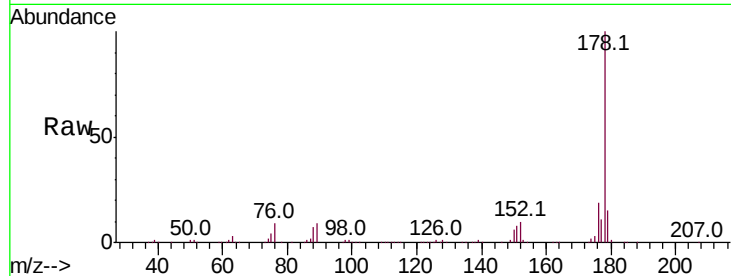
Tot Ion:178 Resp: 723191

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

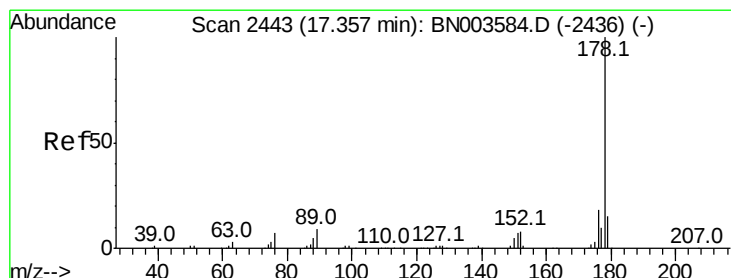
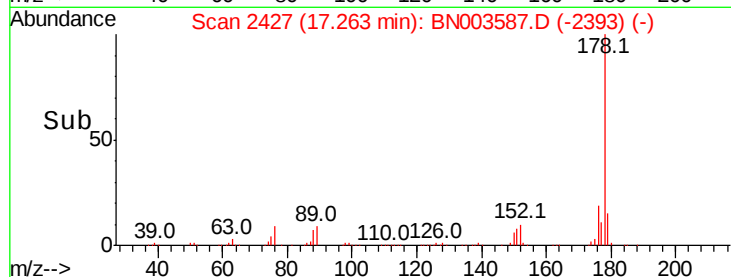
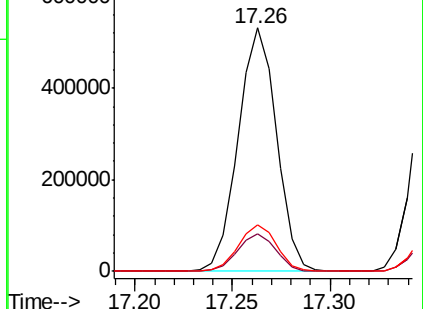
176 19.1 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.475 ng/ul

RT: 17.35 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

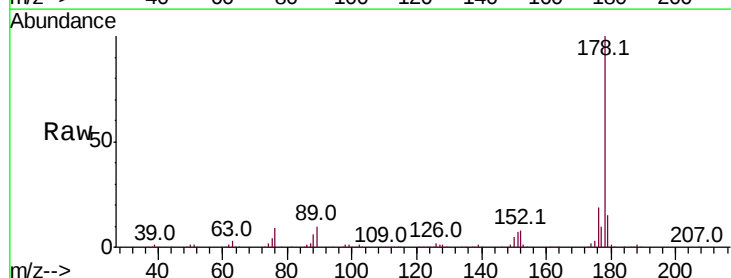
Tgt Ion:178 Resp: 743725

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

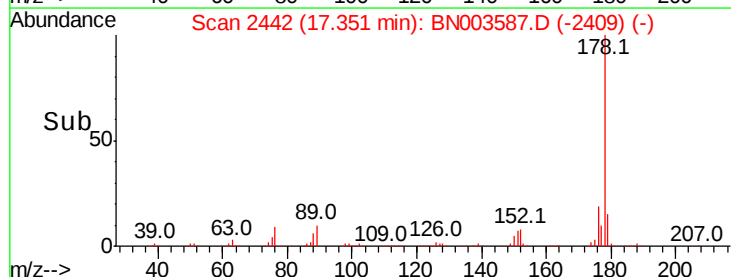
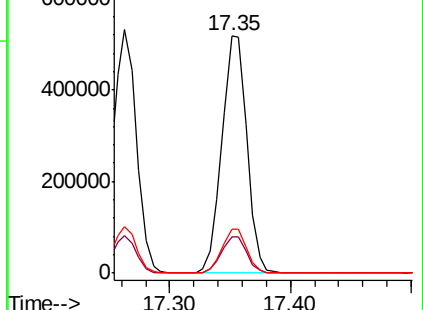
176 18.7 15.0 22.4

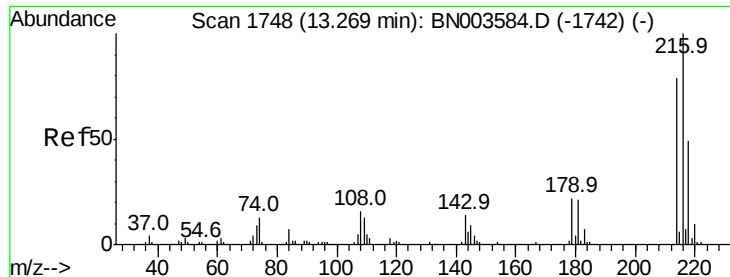


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 19.280 ng/uL

RT: 13.27 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

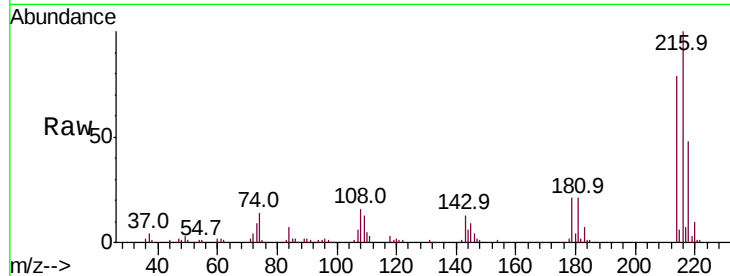
Tot Ion:216 Resp: 185375

Ion Ratio Lower Upper

216 100

214 78.8 62.3 93.5

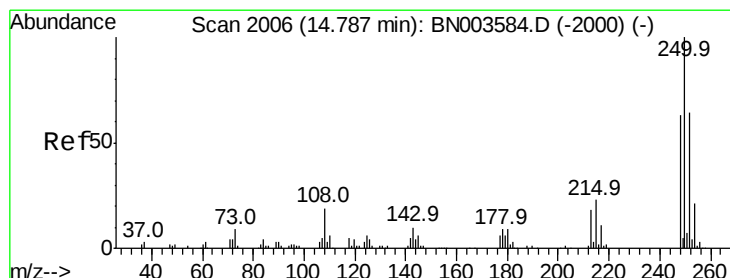
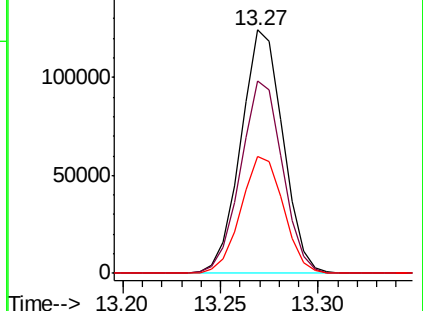
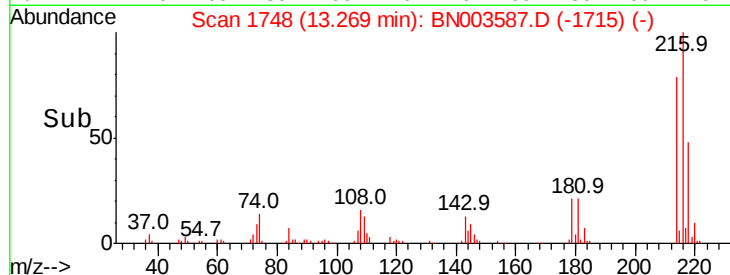
218 48.0 38.6 58.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 18.714 ng/uL

RT: 14.79 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

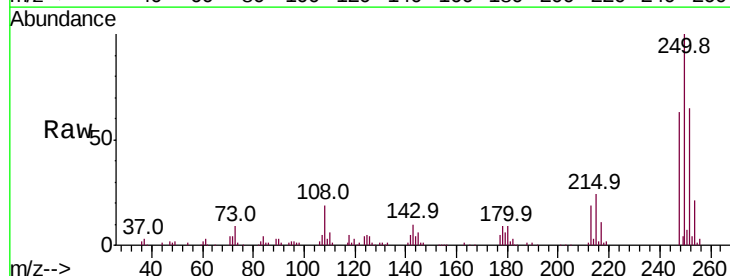
Tgt Ion:250 Resp: 196602

Ion Ratio Lower Upper

250 100

248 62.9 50.2 75.4

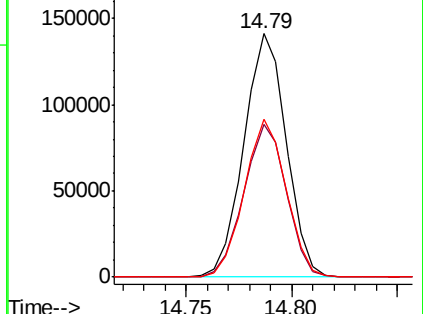
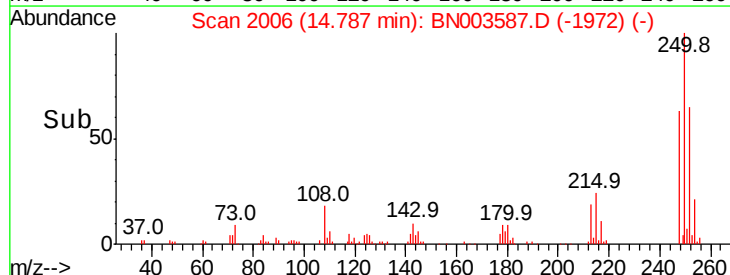
252 64.8 52.2 78.4

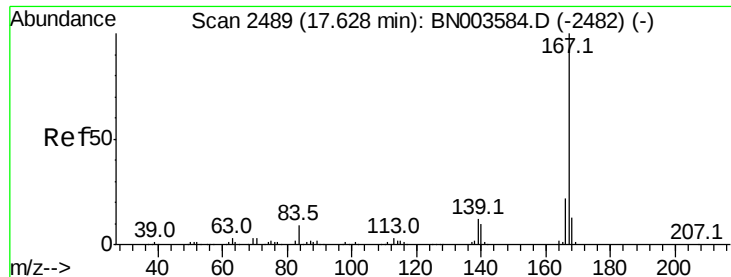


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 20.803 ng/ul

RT: 17.63 min Scan# 2489

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

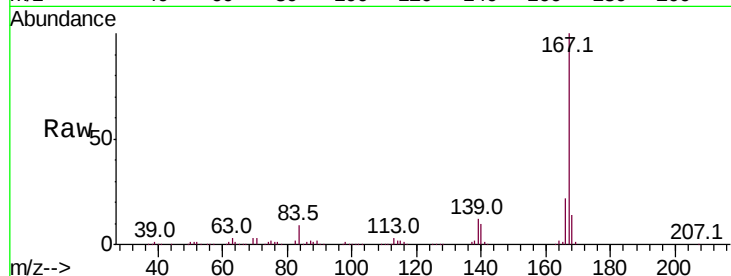
Tot Ion:167 Resp: 664766

Ion Ratio Lower Upper

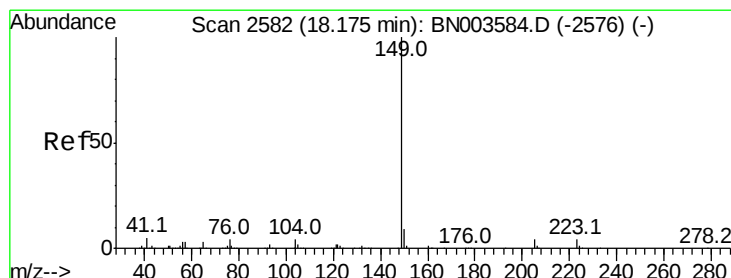
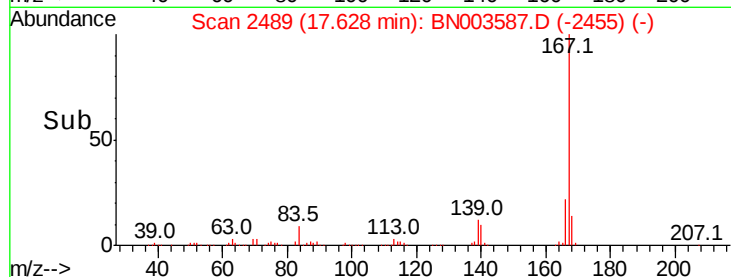
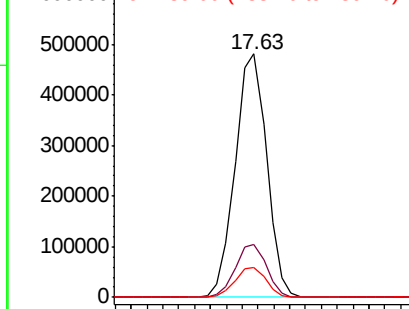
167 100

166 21.8 17.3 25.9

139 12.5 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 19.966 ng/ul

RT: 18.17 min Scan# 2582

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

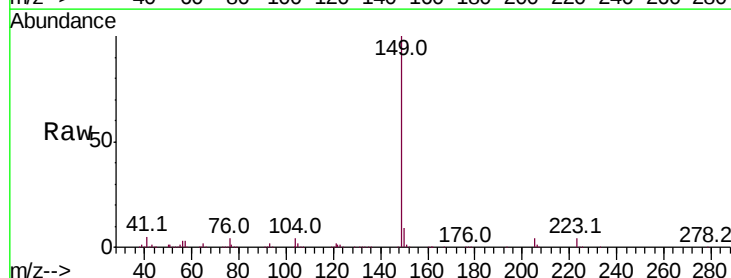
Tgt Ion:149 Resp: 763060

Ion Ratio Lower Upper

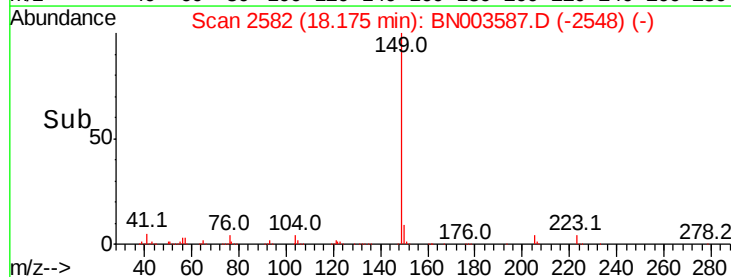
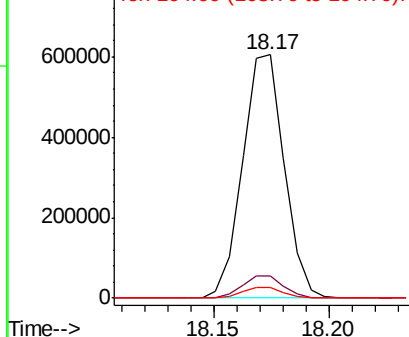
149 100

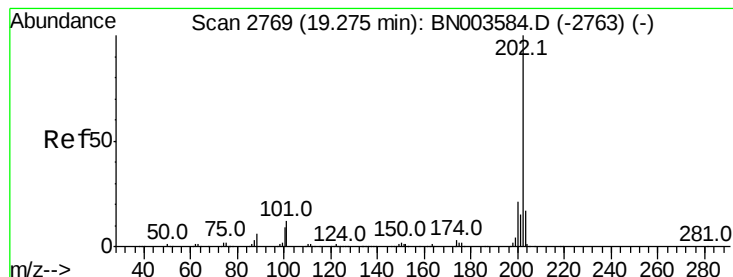
150 8.9 7.4 11.0

104 4.3 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 21.267 ng/ul

RT: 19.27 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

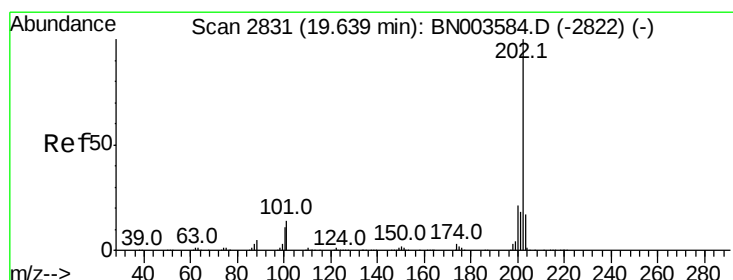
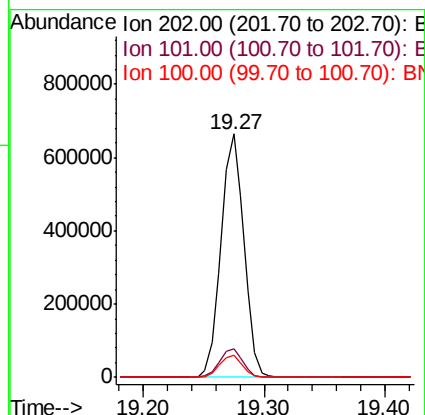
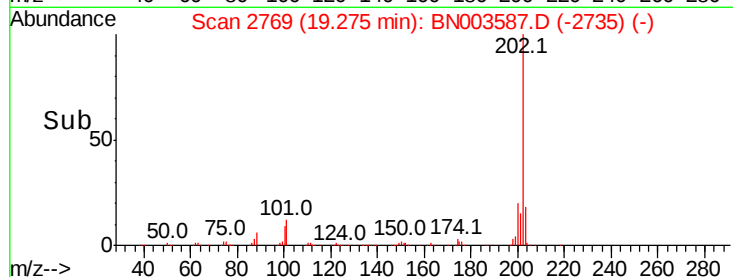
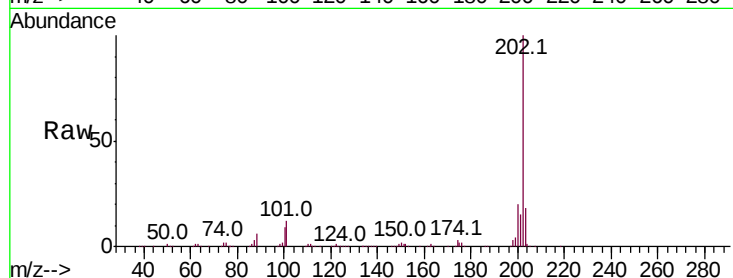
Tot Ion:202 Resp: 866241

Ion Ratio Lower Upper

202 100

101 12.0 9.3 13.9

100 9.1 7.1 10.7



#79

Pyrene

Concen: 19.610 ng/ul

RT: 19.64 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

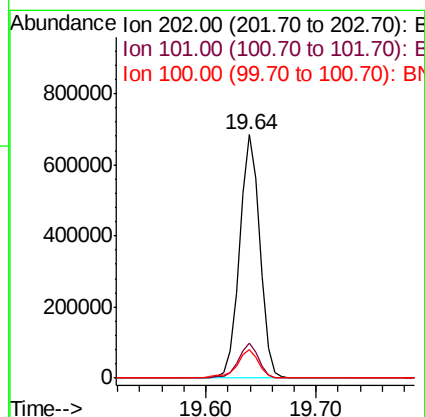
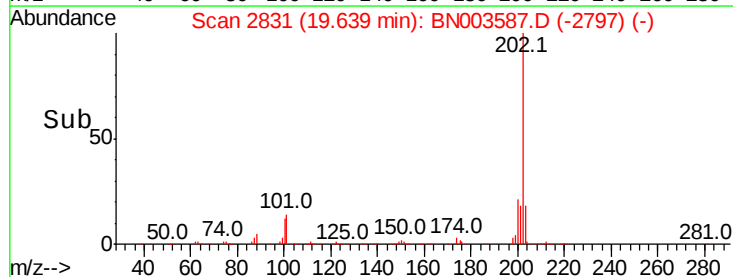
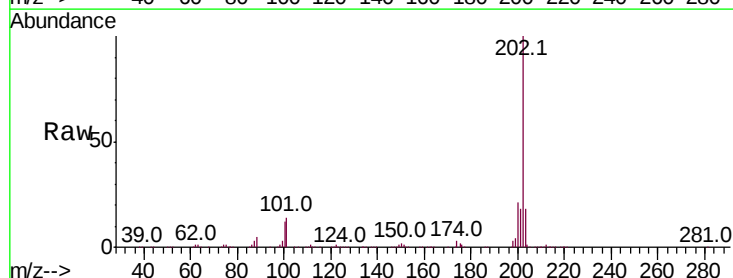
Tgt Ion:202 Resp: 883312

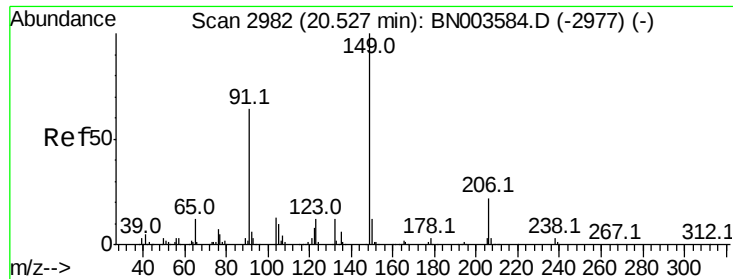
Ion Ratio Lower Upper

202 100

101 14.1 11.0 16.4

100 11.7 9.4 14.0

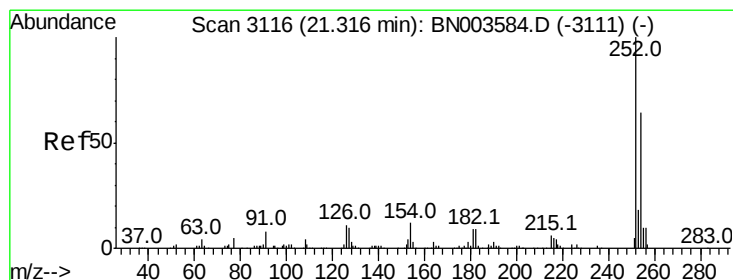
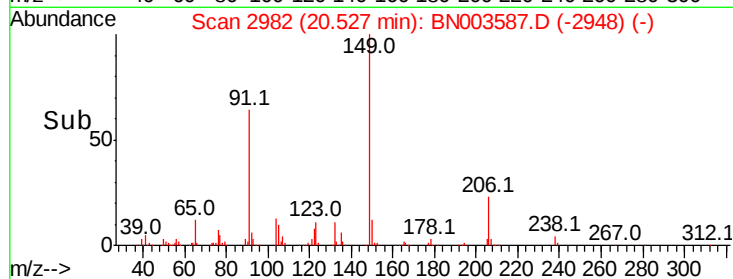
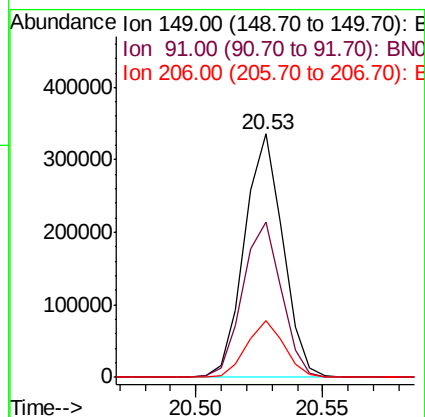
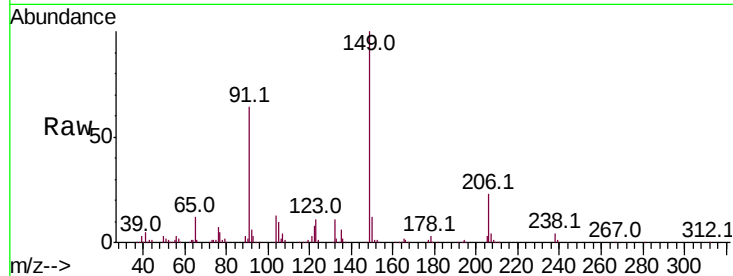




#80
Butylbenzylphthalate
Concen: 20.246 ng/ul
RT: 20.53 min Scan# 2982
Delta R.T. 0.00 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

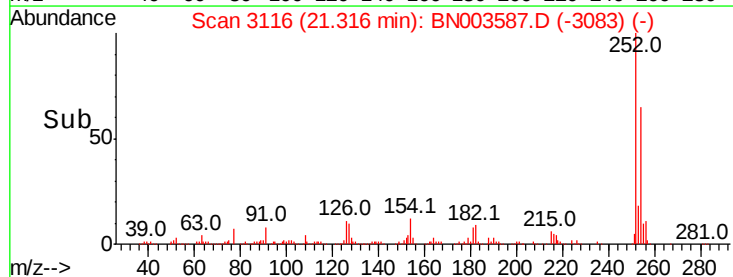
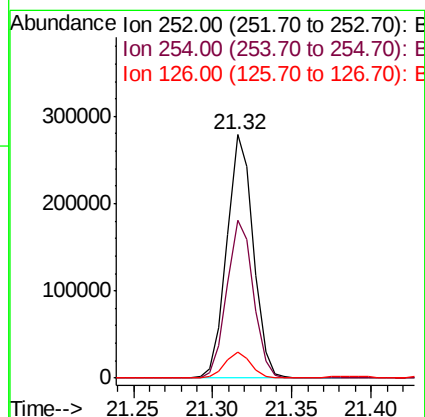
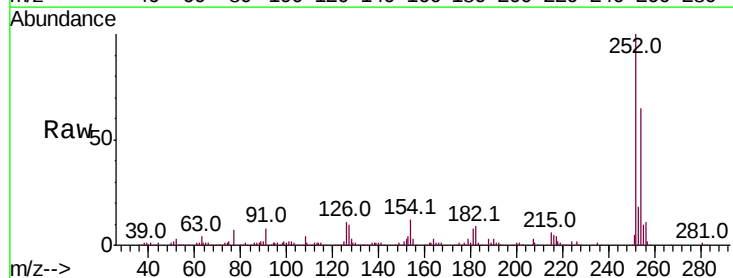
Instrument :
BNA_N
ClientSampleId :
SSTD02002

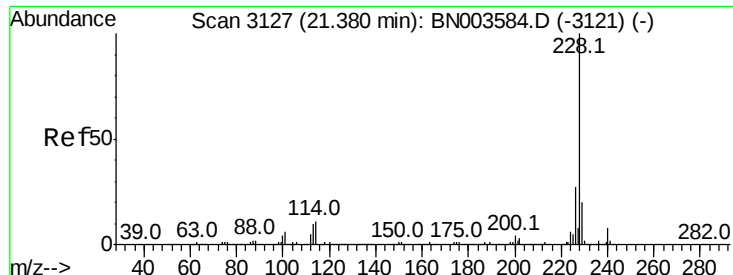
Tot Ion:149 Resp: 354999
Ion Ratio Lower Upper
149 100
91 63.7 53.0 79.4
206 23.1 17.8 26.6



#81
3,3'-Dichlorobenzidine
Concen: 20.353 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Tgt Ion:252 Resp: 322609
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 10.9 9.1 13.7





#82

Benzo(a)anthracene

Concen: 20.331 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

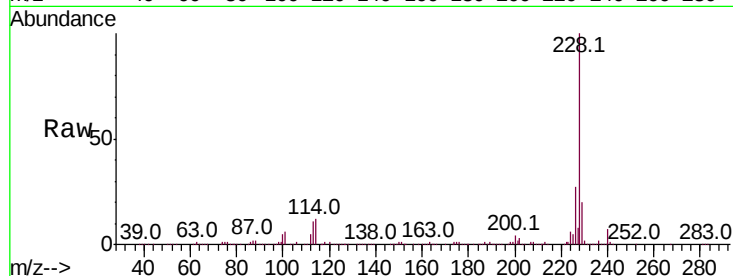
Tot Ion:228 Resp: 918657

Ion Ratio Lower Upper

228 100

229 20.2 15.4 23.0

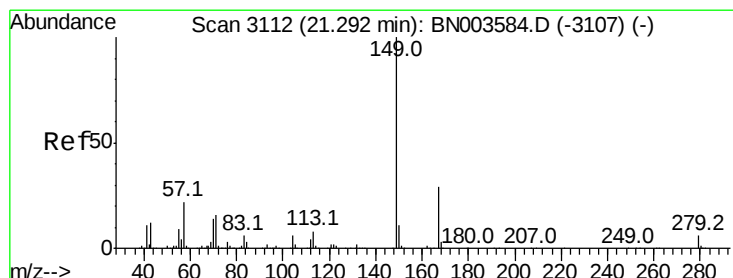
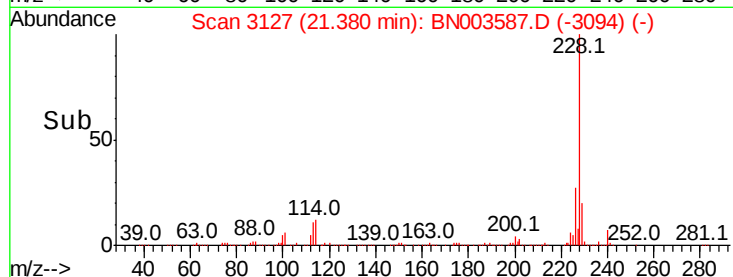
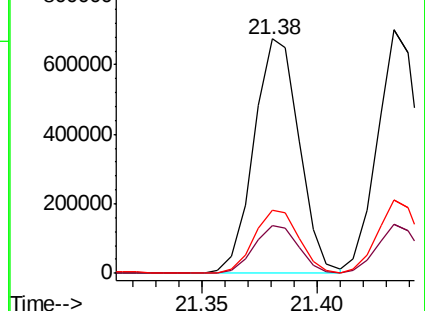
226 27.0 21.2 31.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 20.693 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

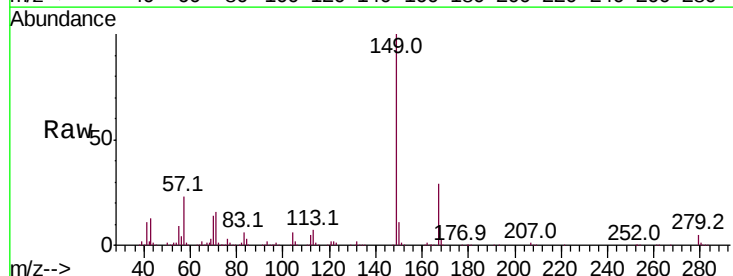
Tgt Ion:149 Resp: 518975

Ion Ratio Lower Upper

149 100

167 28.6 22.6 34.0

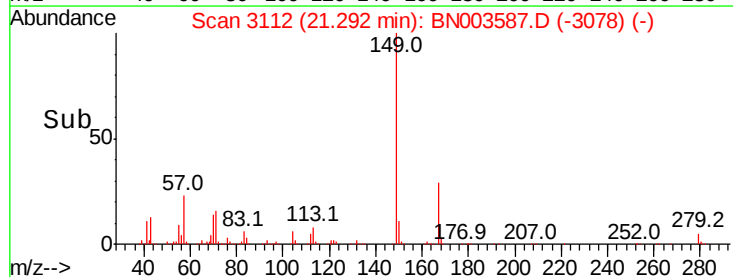
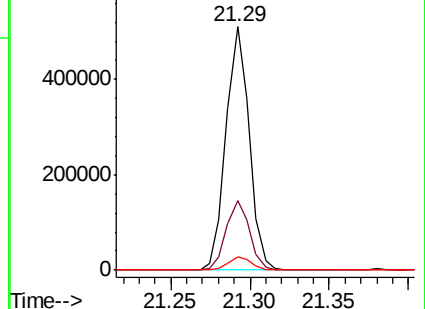
279 5.3 3.9 5.9

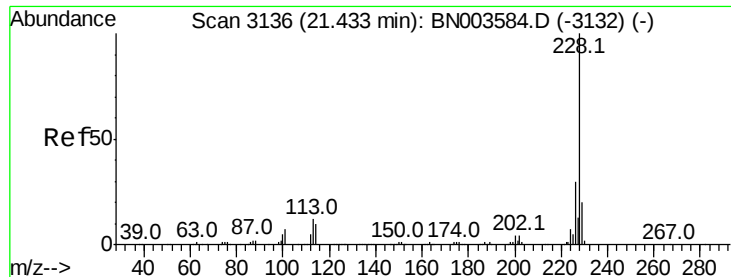


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 20.414 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

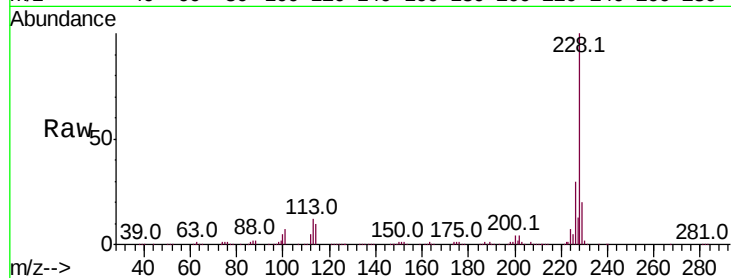
Tot Ion:228 Resp: 866881

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

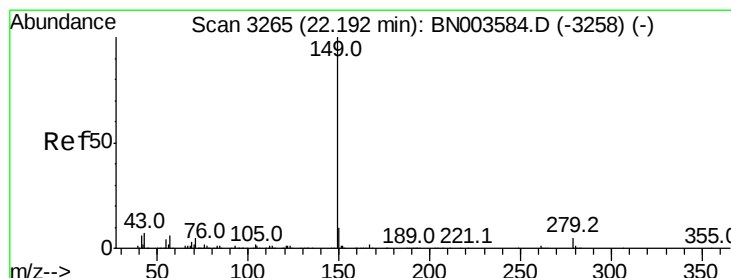
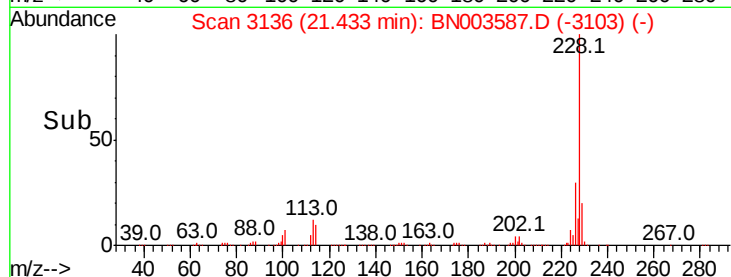
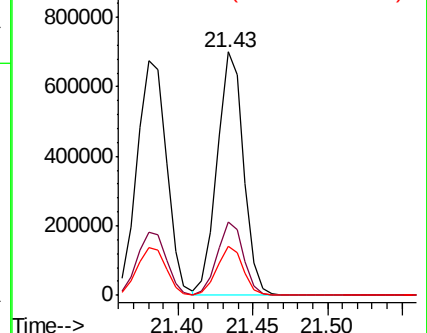
229 20.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 19.973 ng/ul

RT: 22.19 min Scan# 3265

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

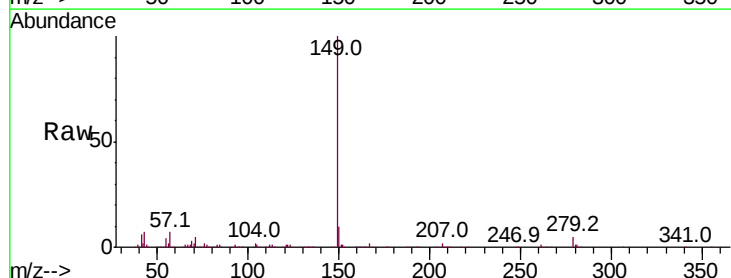
Tgt Ion:149 Resp: 913310

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

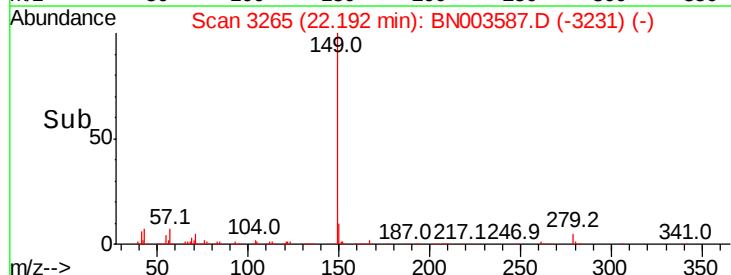
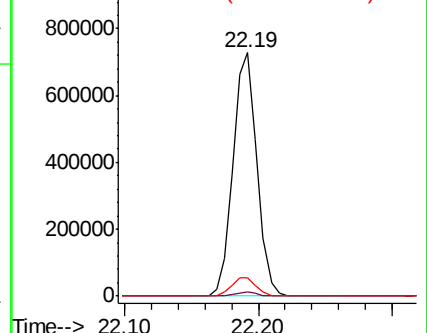
43 7.4 6.0 9.0

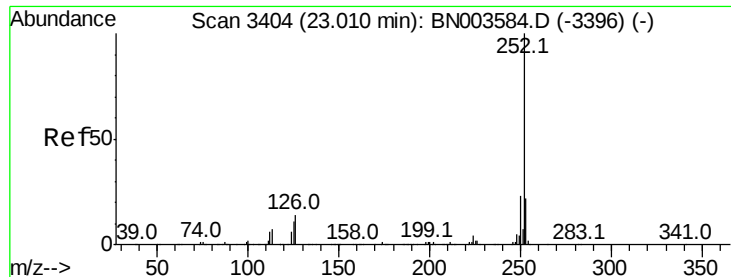


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

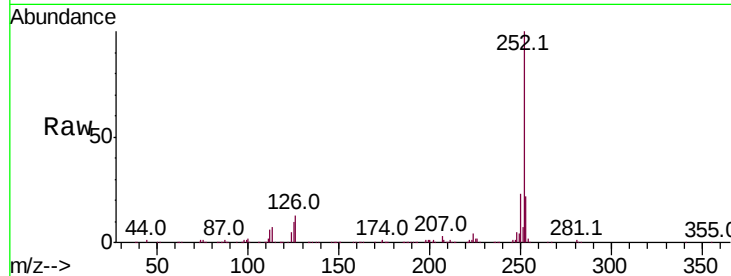




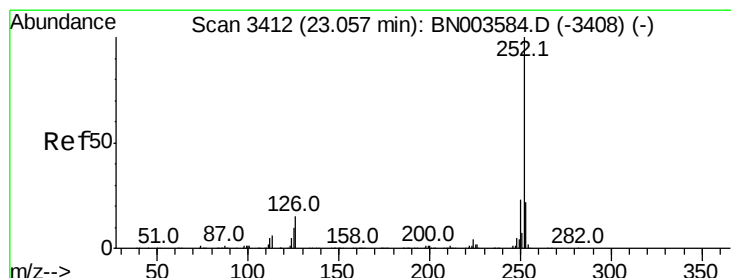
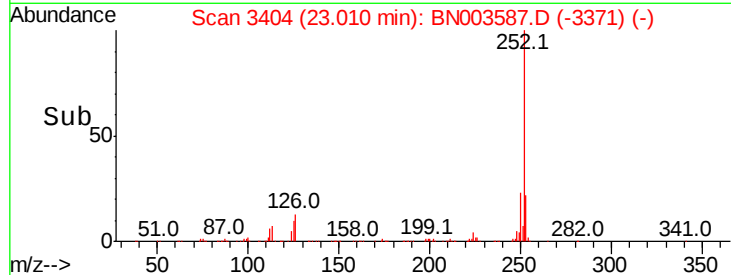
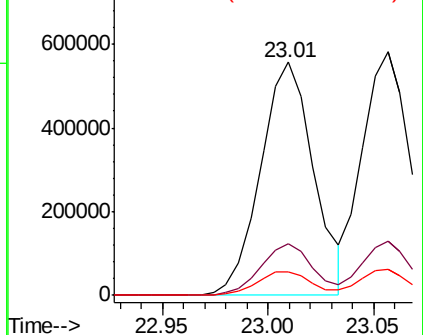
#87
Benzo(b)fluoranthene
Concen: 20.059 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Instrument :
BNA_N
ClientSampleId :
SSTD02002

Tot Ion:252 Resp: 975132
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.3 8.2 12.4

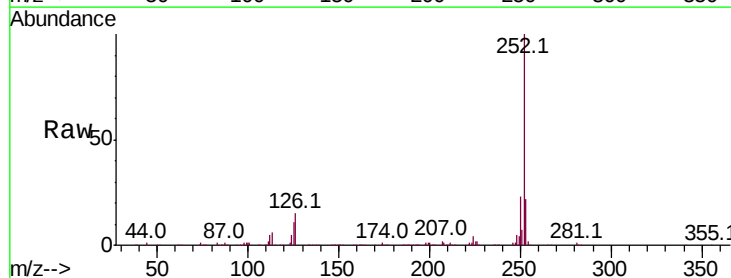


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

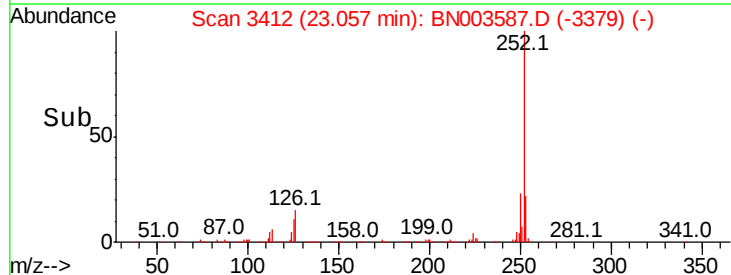
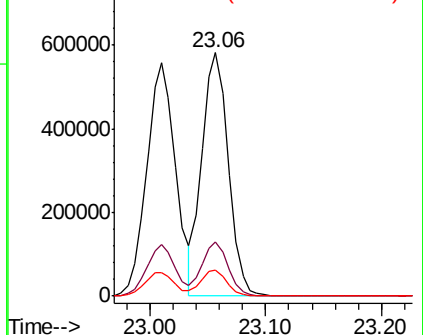


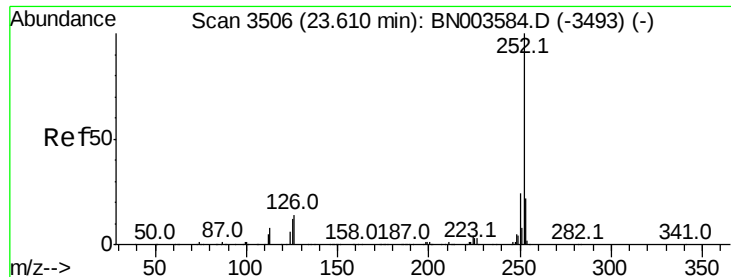
#88
Benzo(k)fluoranthene
Concen: 19.981 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.01 min
Lab File: BN003587.D
Acq: 19 Nov 2018 10:53

Tgt Ion:252 Resp: 929702
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.5 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.451 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. 0.00 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

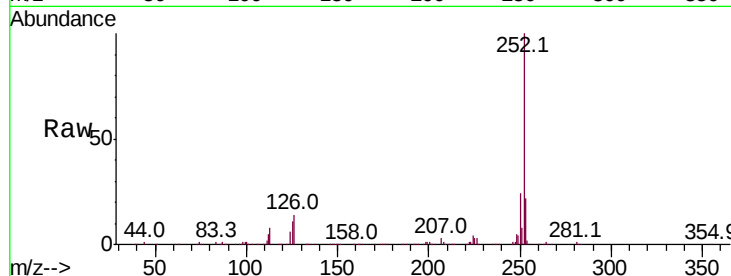
Tot Ion:252 Resp: 922773

Ion Ratio Lower Upper

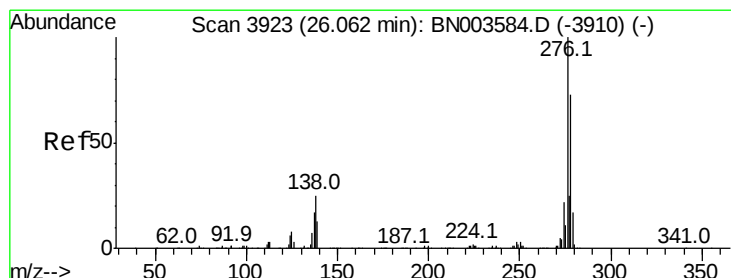
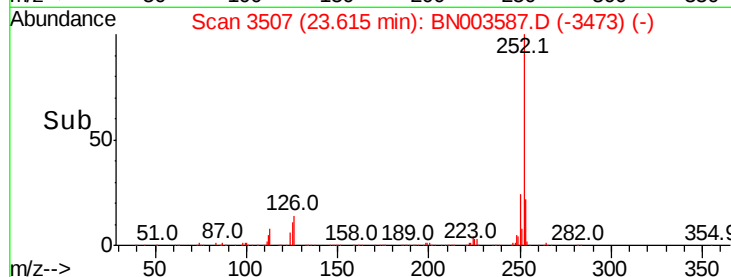
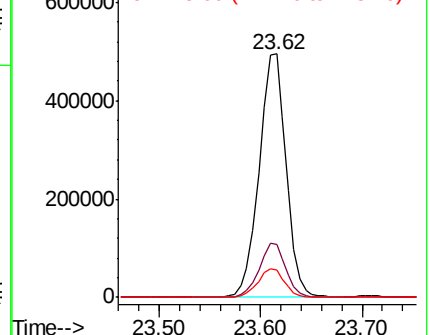
252 100

253 21.7 17.7 26.5

125 11.4 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 19.548 ng/ul

RT: 26.06 min Scan# 3923

Delta R.T. -0.01 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

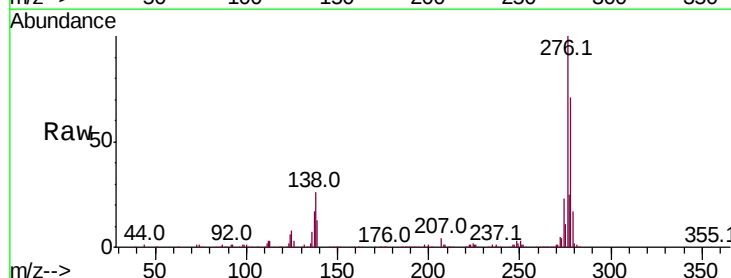
Tgt Ion:276 Resp: 1053846

Ion Ratio Lower Upper

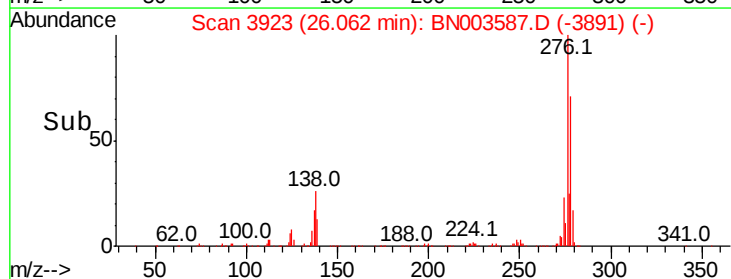
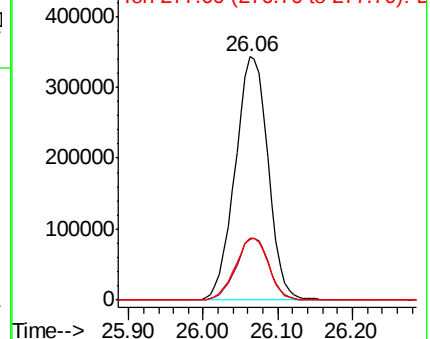
276 100

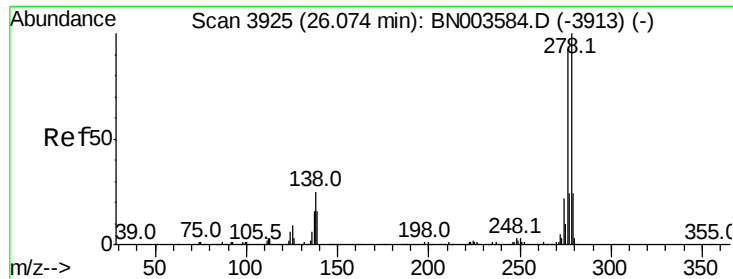
138 25.6 19.8 29.8

277 25.1 20.1 30.1



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





#92

Dibenzo(a,h)anthracene

Concen: 19.548 ng/ul

RT: 26.07 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

Instrument :

BNA_N

ClientSampleId :

SSTD02002

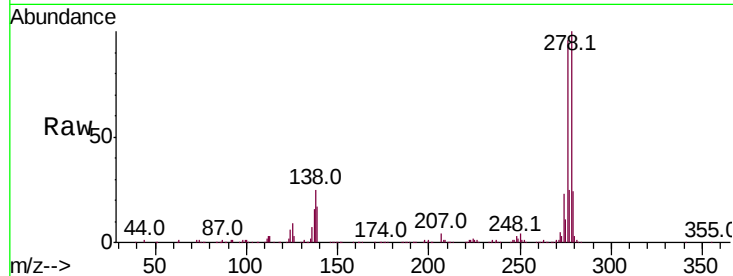
Tot Ion:278 Resp: 886365

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.3	19.9
279	24.1	18.8	28.2

278 100

139 16.6 13.3 19.9

279 24.1 18.8 28.2

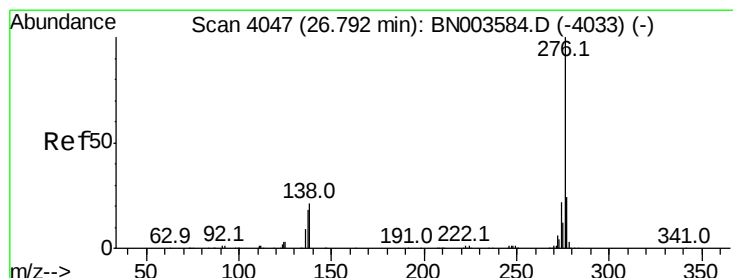
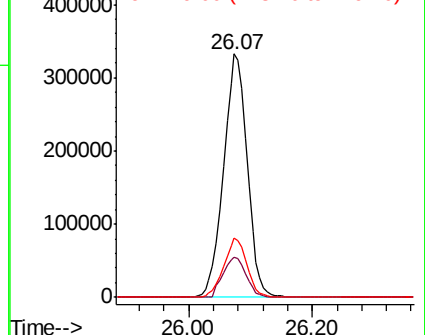
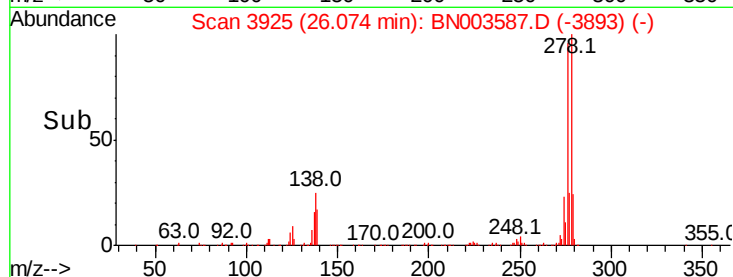


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 18.953 ng/ul

RT: 26.79 min Scan# 4047

Delta R.T. -0.01 min

Lab File: BN003587.D

Acq: 19 Nov 2018 10:53

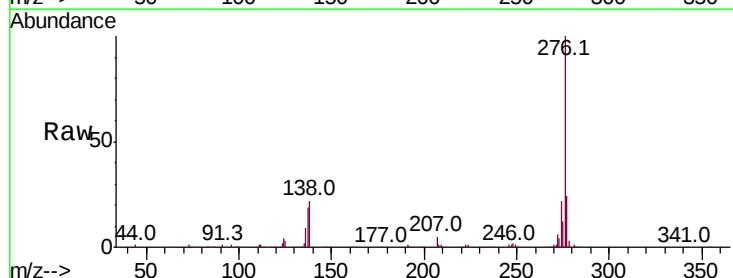
Tgt Ion:276 Resp: 849141

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.2	25.8
277	23.6	19.0	28.6

276 100

138 22.0 17.2 25.8

277 23.6 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

