

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102418\
 Data File : BN003280.D
 Acq On : 24 Oct 2018 20:17
 Operator : MJ/SJ
 Sample : J5164-03
 Misc : MDL 1PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 25 05:23:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 14:21:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	98646	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	449396	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	287946	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	673907	20.00	ng	0.00
76) Chrysene-d12	21.21	240	766107	20.00	ng	0.00
87) Perylene-d12	23.42	264	803475	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	776057	137.02	ng	0.00
7) Phenol-d6	6.80	99	1077100	133.74	ng	0.00
23) Nitrobenzene-d5	8.76	82	649328	82.86	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	546729	141.01	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1738758	81.91	ng	0.00
79) Terphenyl-d14	19.64	244	2800057	78.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	2582	0.960	ng	# 91
3) Pyridine	3.67	79	1691	0.275	ng	# 65
4) n-Nitrosodimethylamine	3.56	42	1460	0.645	ng	# 51
6) Aniline	6.95	93	6707	0.667	ng	# 91
8) 2-Chlorophenol	7.17	128	7193	1.031	ng	# 68
9) Benzaldehyde	6.80	77	5815	1.243	ng	# 57
10) Phenol	6.82	94	8366	0.984	ng	# 20
11) bis(2-Chloroethyl)ether	7.05	93	6245	0.900	ng	94
12) 1,3-Dichlorobenzene	7.49	146	7770	1.002	ng	91
13) 1,4-Dichlorobenzene	7.63	146	7788	0.975	ng	92
14) 1,2-Dichlorobenzene	7.95	146	7500	0.968	ng	96
15) Benzyl Alcohol	7.91	79	13737	2.367	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	8.13	45	9968	0.979	ng	88
17) 2-Methylphenol	8.08	107	4856	0.836	ng	# 90
18) Hexachloroethane	8.66	117	2669	0.954	ng	92
19) n-Nitroso-di-n-propylamine	8.41	70	4988	0.859	ng	# 87
20) 3+4-Methylphenols	8.45	107	3928	0.476	ng	# 17
22) Acetophenone	8.44	105	10048	0.922	ng	# 95
24) Nitrobenzene	8.80	77	8357	1.045	ng	93
25) Isophorone	9.33	82	14476	1.053	ng	98
26) 2-Nitrophenol	9.53	139	2159	0.513	ng	# 78
27) 2,4-Dimethylphenol	9.65	122	4723	0.798	ng	93
28) bis(2-Chloroethoxy)methane	9.85	93	8909	0.962	ng	# 89
29) 2,4-Dichlorophenol	10.16	162	4345	0.643	ng	88
30) 1,2,4-Trichlorobenzene	10.26	180	7555	0.984	ng	97
31) Naphthalene	10.43	128	24061	1.096	ng	99
32) Benzoic acid	9.65	122	4723	5.842	ng	# 11
33) 4-Chloroaniline	10.62	127	5164	0.532	ng	# 94
34) Hexachlorobutadiene	10.70	225	4010	0.875	ng	94
35) Caprolactam	11.37	113	538	0.203	ng	# 63
36) 4-Chloro-3-methylphenol	11.76	107	6009	0.798	ng	# 95
37) 2-Methylnaphthalene	12.06	142	17557	1.119	ng	96
38) 1-Methylnaphthalene	12.27	142	17926	1.170	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	9132	0.959	ng	# 91

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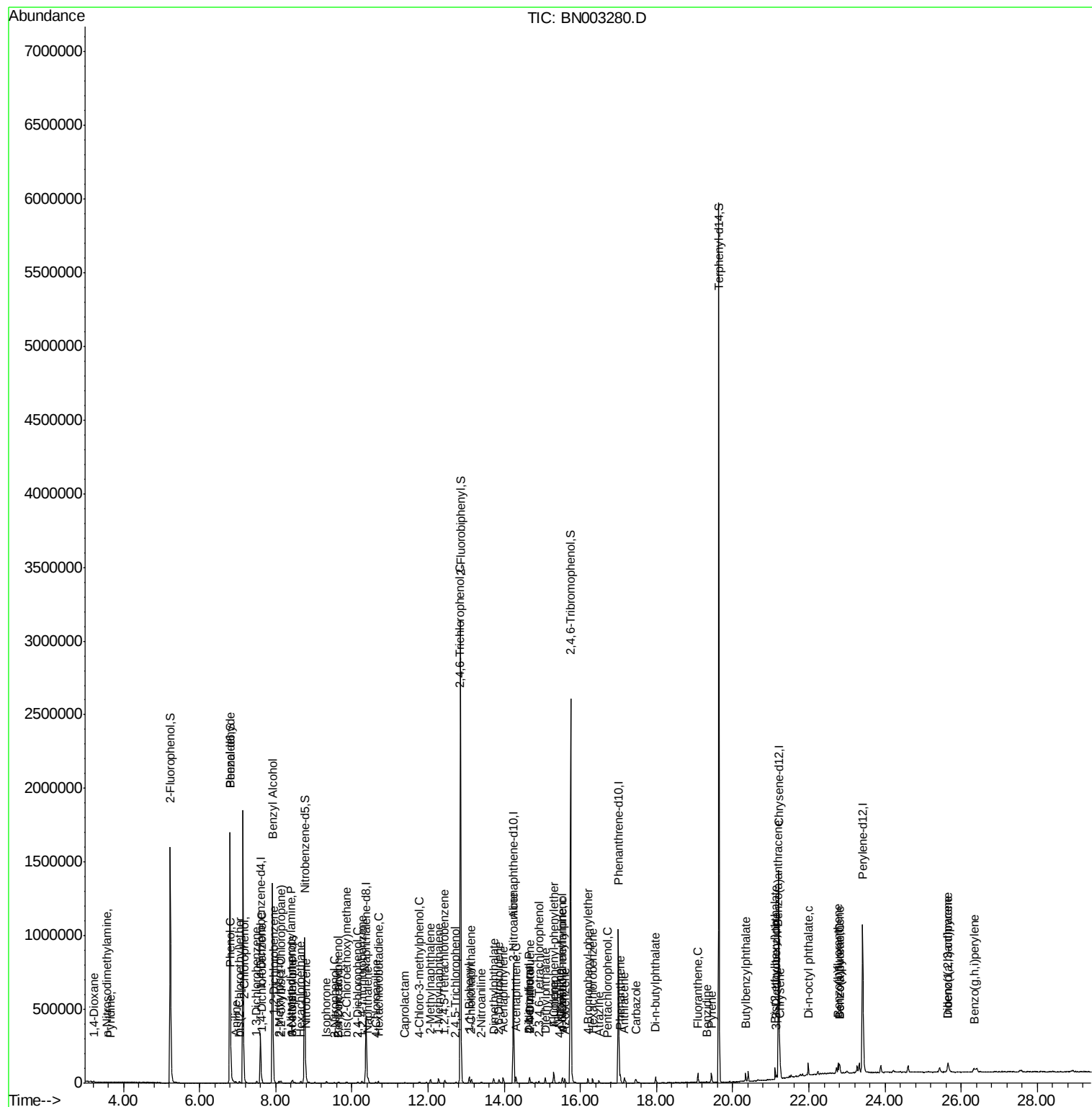
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.84	196	4658	0.774	ng	84
44) 2,4,5-Trichlorophenol	12.72	196	4394	0.700	ng	# 74
46) 1,1'-Biphenyl	13.08	154	26227	1.038	ng	97
47) 2-Chloronaphthalene	13.13	162	17750	0.952	ng	96
48) 2-Nitroaniline	13.39	65	3617	0.660	ng	# 77
49) Acenaphthylene	13.97	152	28467	0.998	ng	97
50) Dimethylphthalate	13.73	163	22730	0.976	ng	100
51) 2,6-Dinitrotoluene	13.87	165	3895	0.737	ng	# 82
52) Acenaphthene	14.31	154	18055	1.044	ng	95
53) 3-Nitroaniline	14.23	138	2477	0.438	ng	# 59
55) Dibenzofuran	14.66	168	28390	1.009	ng	96
56) 4-Nitrophenol	14.66	139	9859	7.677	ng	# 11
57) 2,4-Dinitrotoluene	14.67	165	2847	0.397	ng	# 63
58) Fluorene	15.30	166	23085	1.064	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.91	232	4228	0.767	ng	# 87
60) Diethylphthalate	15.08	149	22555	0.955	ng	95
61) 4-Chlorophenyl-phenylether	15.30	204	11299	0.937	ng	98
62) 4-Nitroaniline	15.45	138	2219	0.402	ng	91
63) Azobenzene	15.59	77	20259	0.928	ng	96
65) 4,6-Dinitro-2-methylphenol	15.52	198	963	0.205	ng	# 1
66) n-Nitrosodiphenylamine	15.53	169	19005	0.901	ng	96
67) 4-Bromophenyl-phenylether	16.20	248	7403	0.975	ng	92
68) Hexachlorobenzene	16.32	284	8429	0.975	ng	96
69) Atrazine	16.49	200	6091	0.815	ng	91
70) Pentachlorophenol	16.72	266	261	6.587	ng	# 18
71) Phenanthrene	17.05	178	39429	1.113	ng	98
72) Anthracene	17.16	178	36751	1.040	ng	98
73) Carbazole	17.45	167	32932	0.900	ng	97
74) Di-n-butylphthalate	17.97	149	34971	0.819	ng	98
75) Fluoranthene	19.09	202	43972	1.053	ng	98
77) Benzidine	19.32	184	6076	0.271	ng	94
78) Pyrene	19.45	202	45200	1.004	ng	98
80) Butylbenzylphthalate	20.34	149	16960	0.811	ng	99
81) Benzo(a)anthracene	21.19	228	49281	1.105	ng	99
82) 3,3'-Dichlorobenzidine	21.15	252	12893	0.698	ng	95
83) Chrysene	21.25	228	48138	1.122	ng	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	26826	0.865	ng	100
85) Di-n-octyl phthalate	21.99	149	50098	0.942	ng	99
86) Indeno(1,2,3-cd)pyrene	25.65	276	51366	1.045	ng	98
88) Benzo(b)fluoranthene	22.77	252	46428	1.049	ng	96
89) Benzo(k)fluoranthene	22.82	252	50106	1.155	ng	98
90) Benzo(a)pyrene	22.82	252	34656	0.822	ng	97
91) Dibenzo(a,h)anthracene	25.65	278	43227	1.036	ng	# 93
92) Benzo(g,h,i)perylene	26.34	276	42906	1.071	ng	98

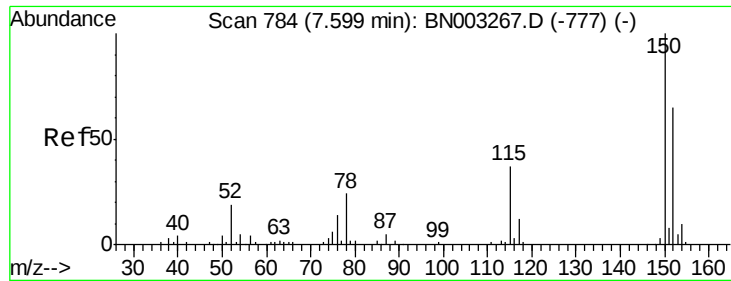
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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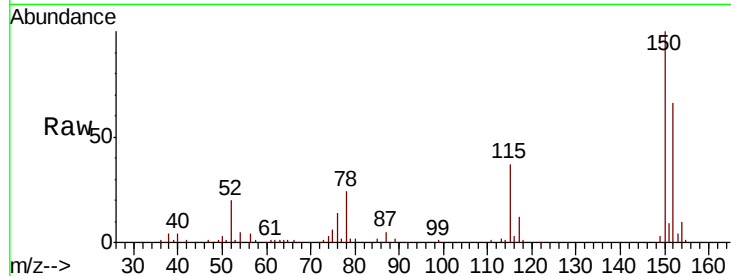


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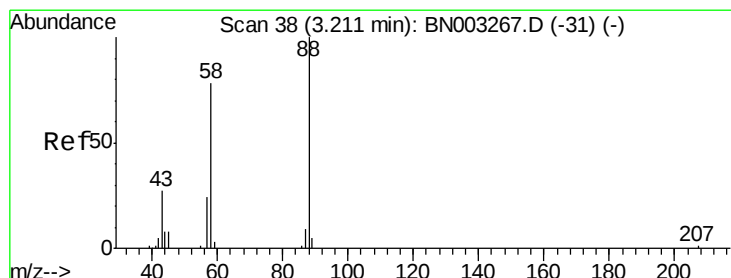
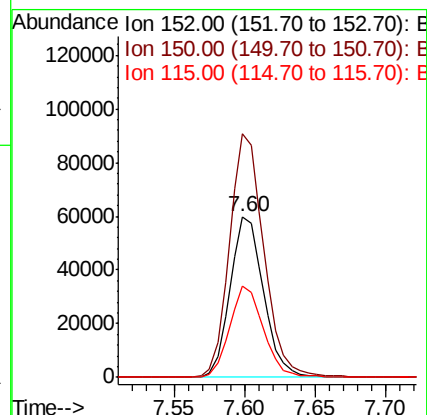
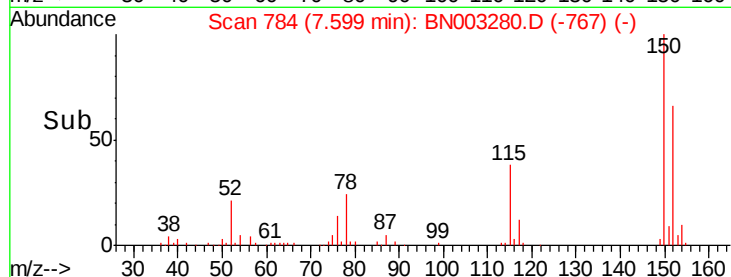
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 98646
Ion Ratio Lower Upper
152 100
150 151.4 123.8 185.8
115 56.6 45.9 68.9



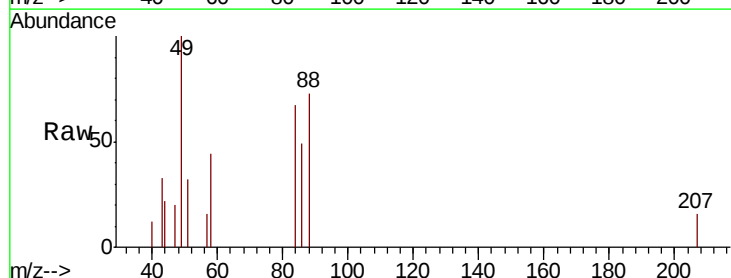
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



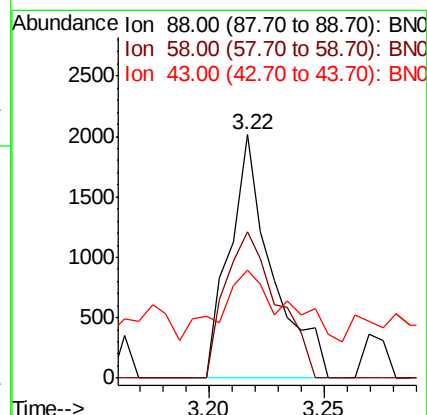
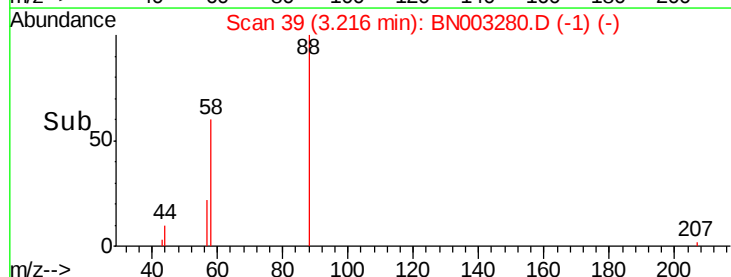
#2

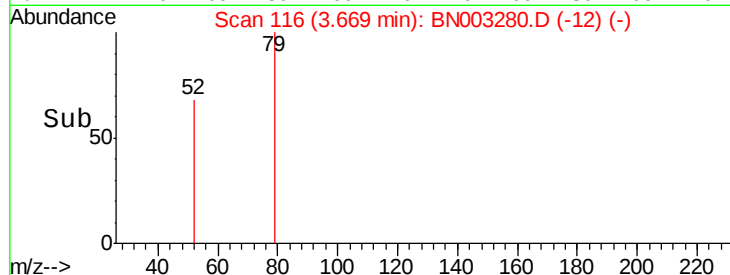
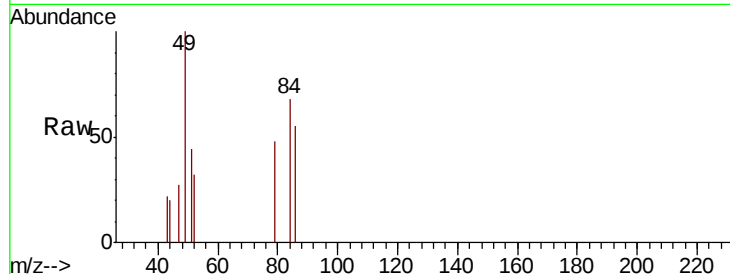
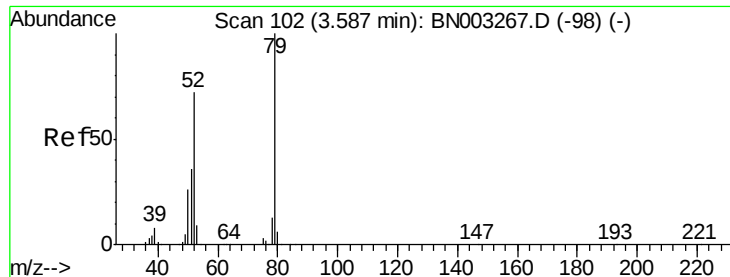
1,4-Dioxane
Concen: 0.960 ng
RT: 3.22 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion: 88 Resp: 2582
Ion Ratio Lower Upper
88 100
58 73.4 61.1 91.7
43 41.4 22.2 33.4#



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

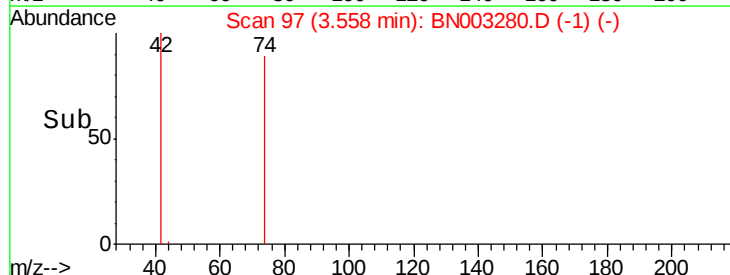
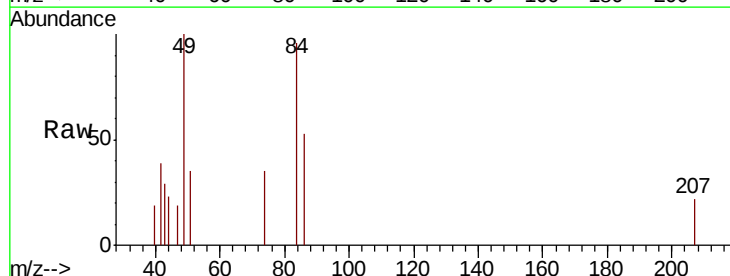
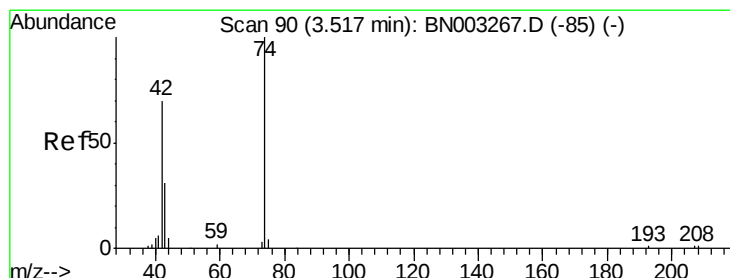
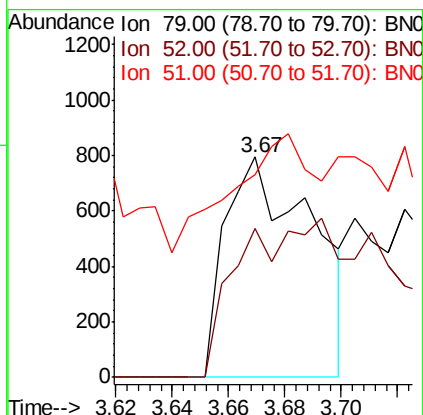




#3
 Pvridine
 Concen: 0.275 ng
 RT: 3.67 min Scan# 116
 Delta R.T. 0.08 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

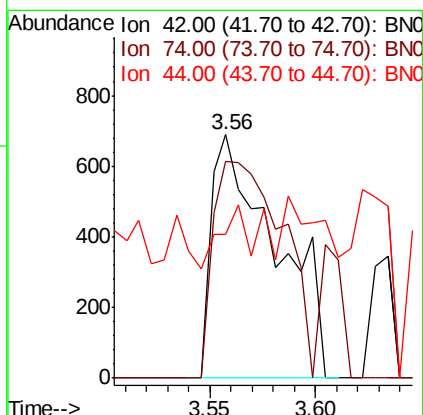
Instrument :
 BNA_N
 ClientSampled :

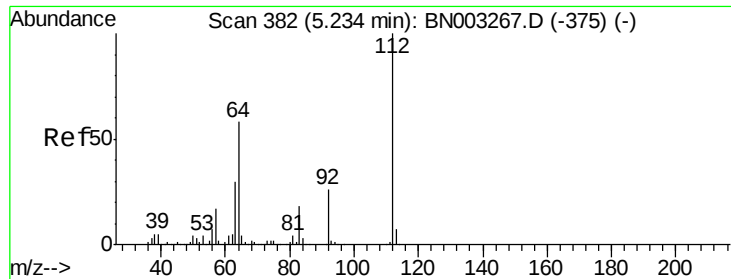
Tot Ion	Ratio	Lower	Upper
79	100		
52	67.6	57.7	86.5
51	91.9	28.7	43.1#



#4
 n-Nitrosodimethylamine
 Concen: 0.645 ng
 RT: 3.56 min Scan# 97
 Delta R.T. 0.04 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	89.1	114.2	171.4#
44	59.1	6.1	9.1#





#5

2-Fluorophenol

Concen: 137.025 ng

RT: 5.23 min Scan# 381

Delta R.T. -0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampleId :

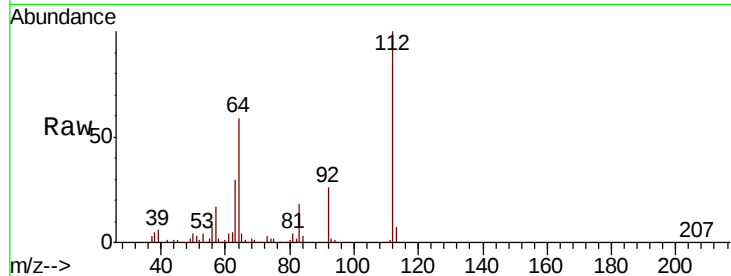
Tot Ion:112 Resp: 776057

Ion Ratio Lower Upper

112 100

64 59.4 46.6 69.8

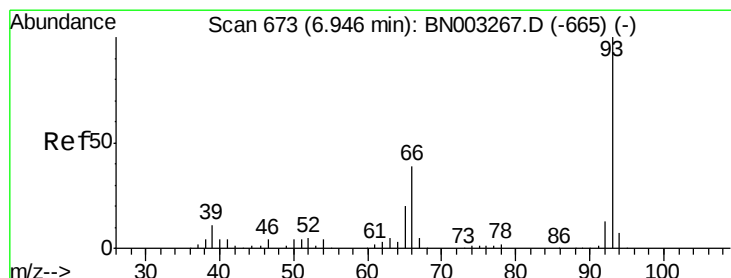
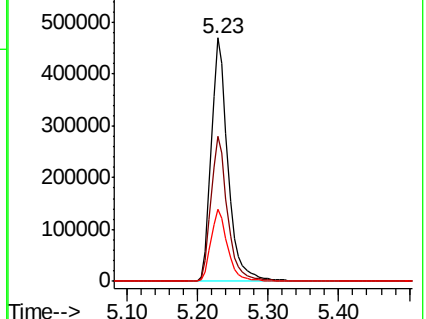
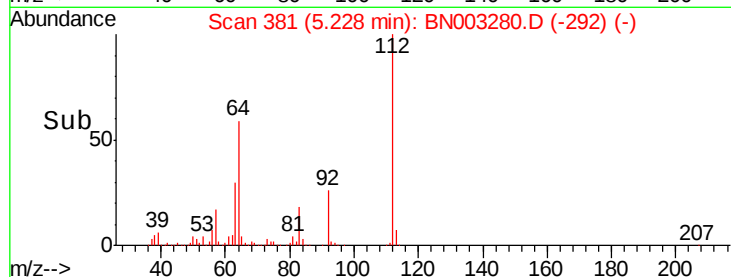
63 29.6 23.8 35.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 0.667 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.00 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

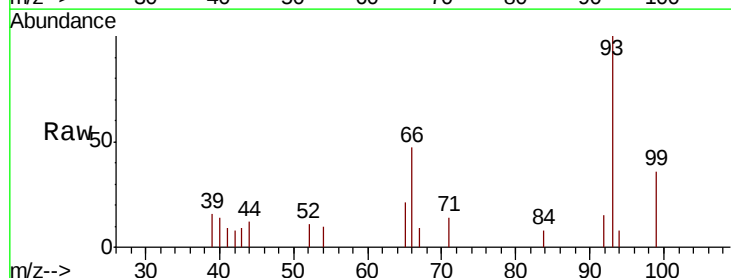
Tgt Ion: 93 Resp: 6707

Ion Ratio Lower Upper

93 100

66 47.0 31.4 47.0#

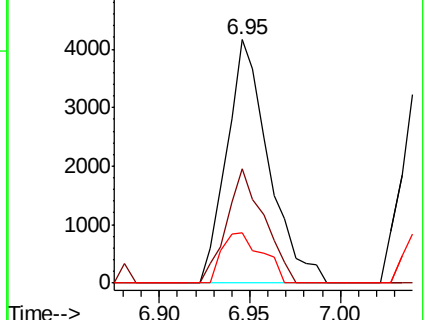
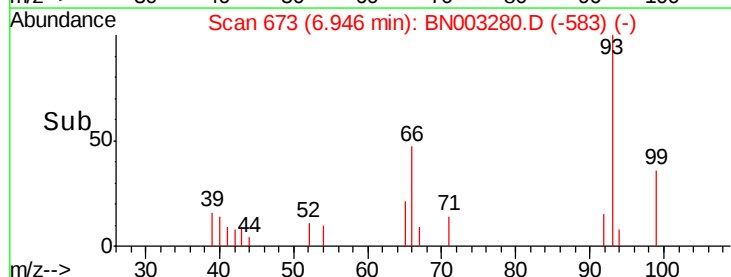
65 20.5 15.7 23.5

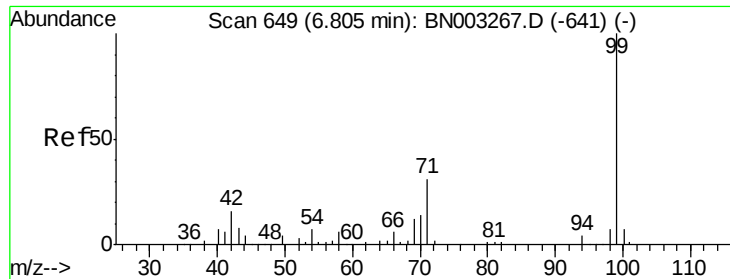


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 133.745 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

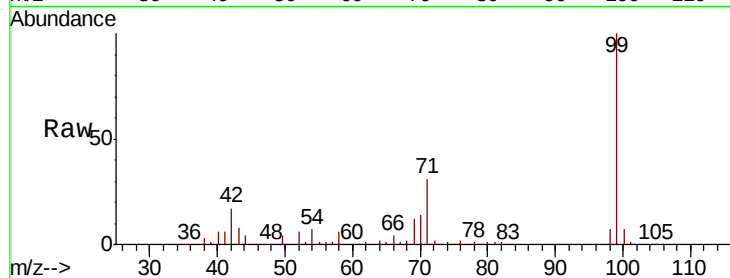
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 1077100

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.6
71	31.3	24.5	36.7

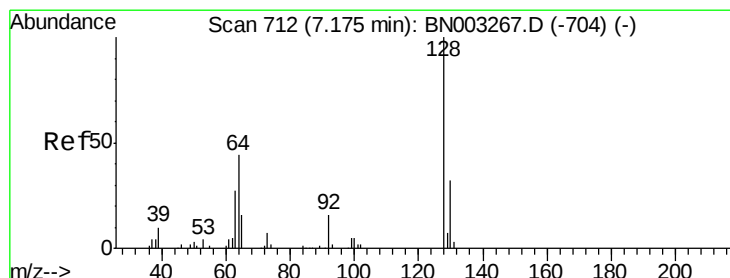
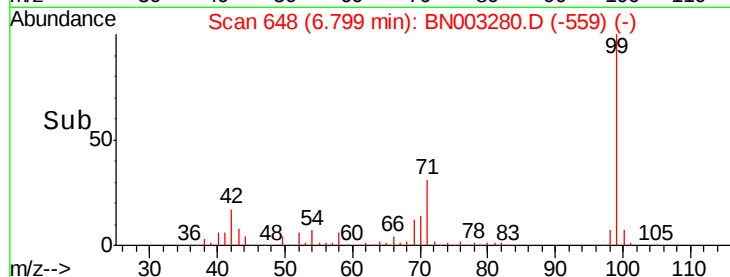
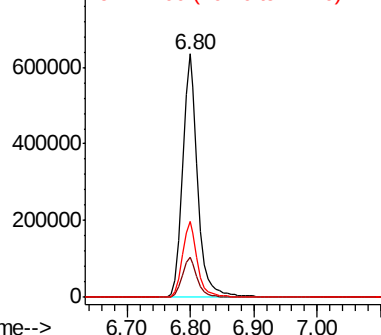


Abundance

Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



#8

2-Chlorophenol

Concen: 1.031 ng

RT: 7.17 min Scan# 711

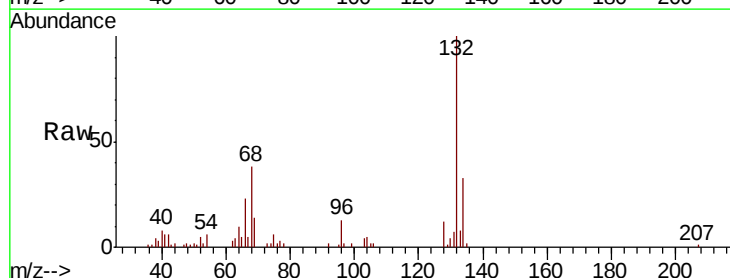
Delta R.T. -0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Tgt Ion: 128 Resp: 7193

Ion	Ratio	Lower	Upper
128	100		
130	35.5	12.4	52.4
64	80.4	27.0	67.0

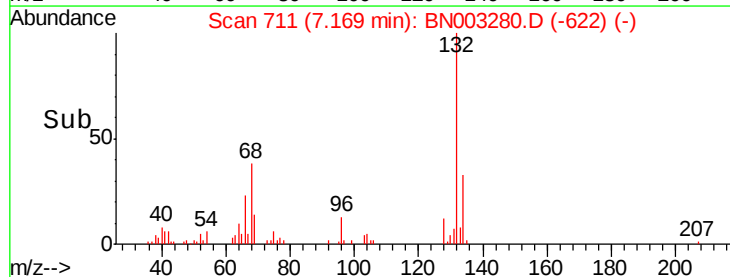
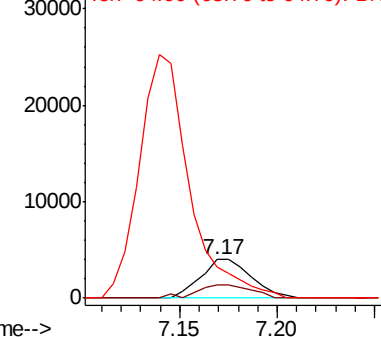


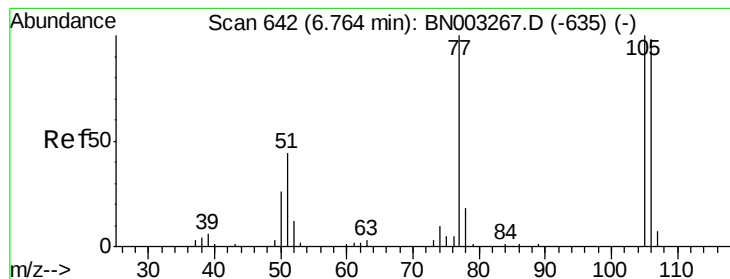
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BNC





#9

Benzaldehyde

Concen: 1.243 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.04 min

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ClientSampleId :

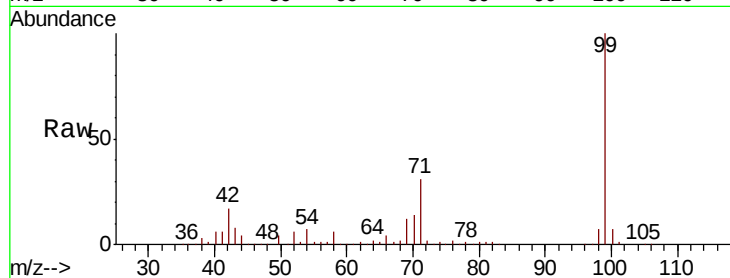
Tot Ion: 77 Resp: 5815

Ion Ratio Lower Upper

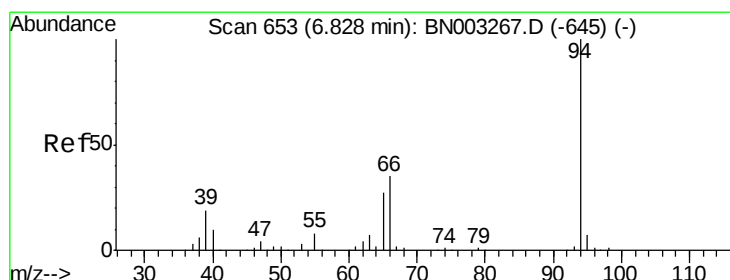
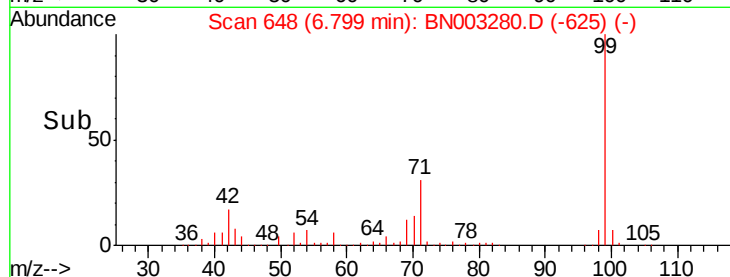
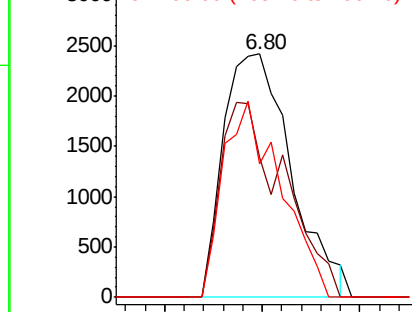
77 100

105 57.3 79.9 119.9#

106 54.9 78.4 118.4#



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: 0.984 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

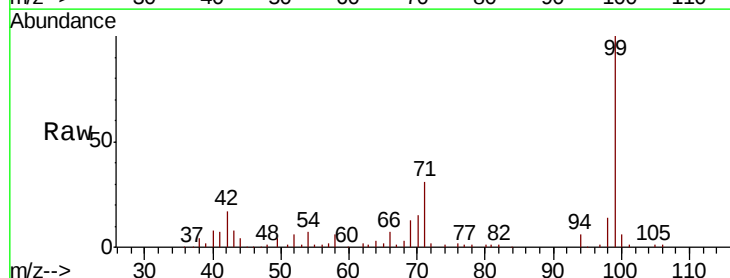
Tgt Ion: 94 Resp: 8366

Ion Ratio Lower Upper

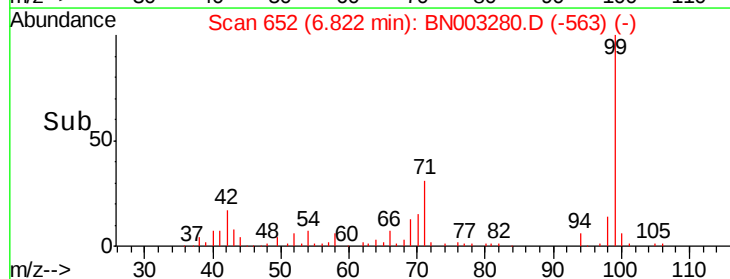
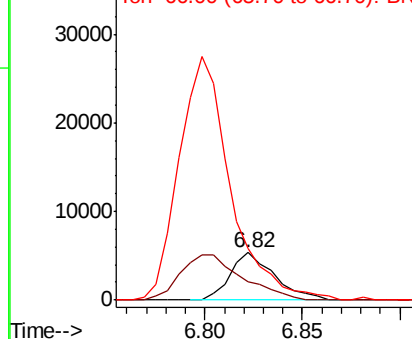
94 100

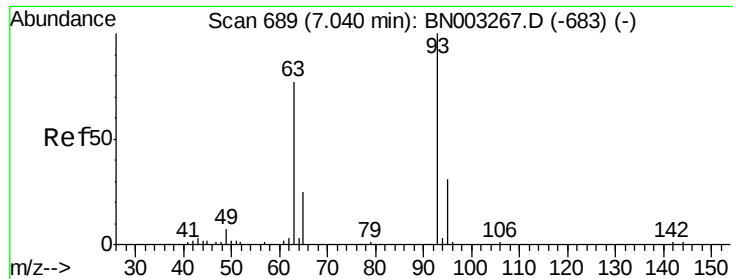
65 38.9 7.7 47.7

66 108.9 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: 0.900 ng

RT: 7.05 min Scan# 690

Delta R.T. 0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampleId :

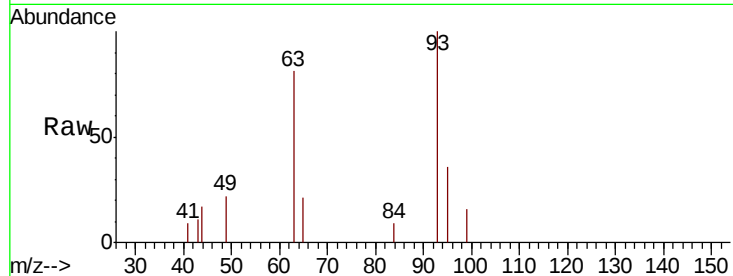
Tot Ion: 93 Resp: 6245

Ion Ratio Lower Upper

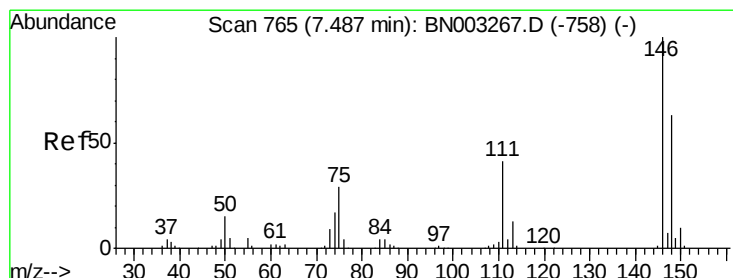
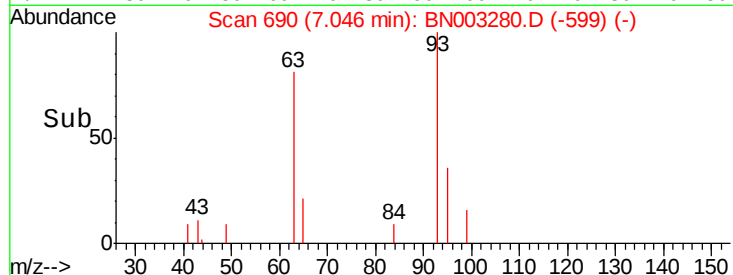
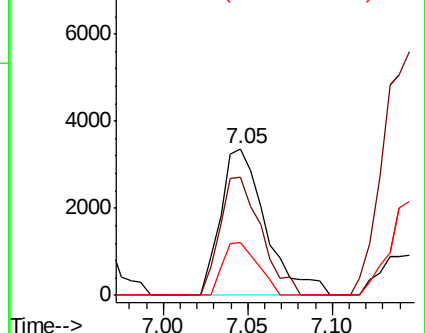
93 100

63 80.9 56.6 96.6

95 36.1 10.9 50.9



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0



#12

1,3-Dichlorobenzene

Concen: 1.002 ng

RT: 7.49 min Scan# 766

Delta R.T. 0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

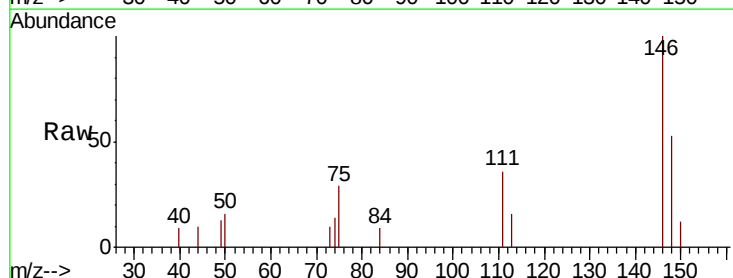
Tgt Ion: 146 Resp: 7770

Ion Ratio Lower Upper

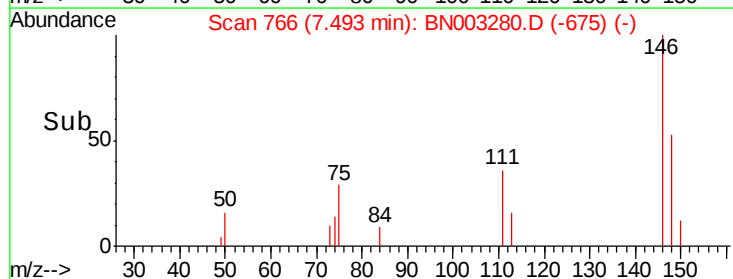
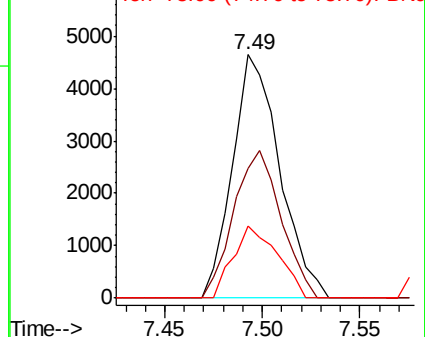
146 100

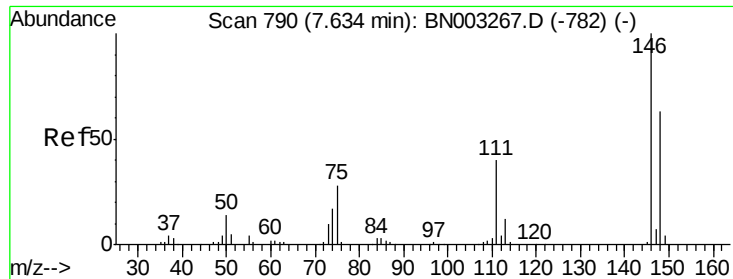
148 53.2 50.1 75.1

75 29.5 22.9 34.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BN0

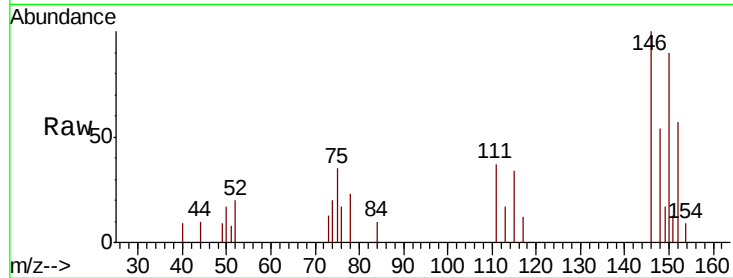




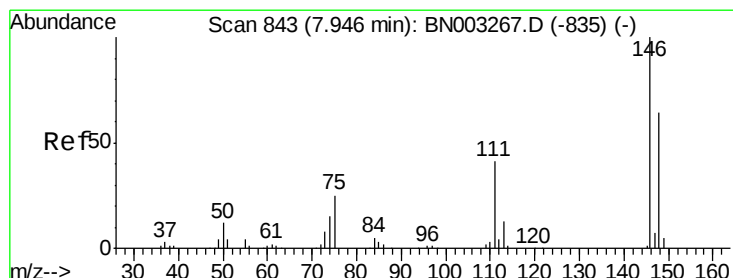
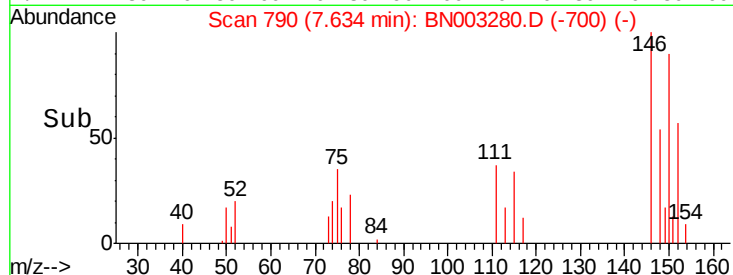
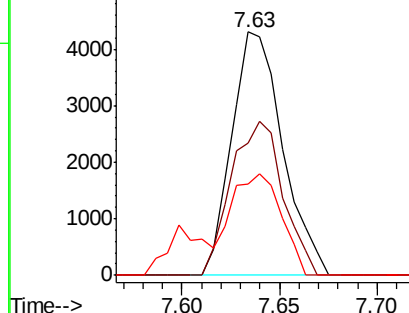
#13
 1,4-Dichlorobenzene
 Concen: 0.975 ng
 RT: 7.63 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:146 Resp: 7788
 Ion Ratio Lower Upper
 146 100
 148 54.3 50.2 75.2
 111 37.3 32.1 48.1

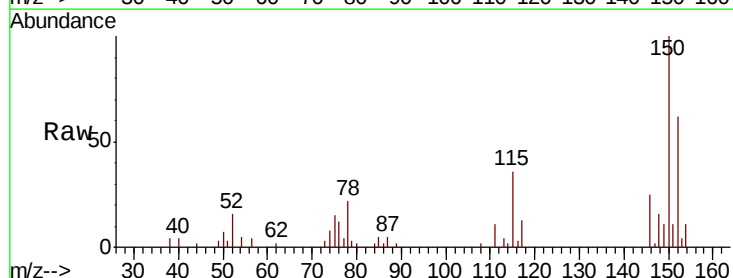


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

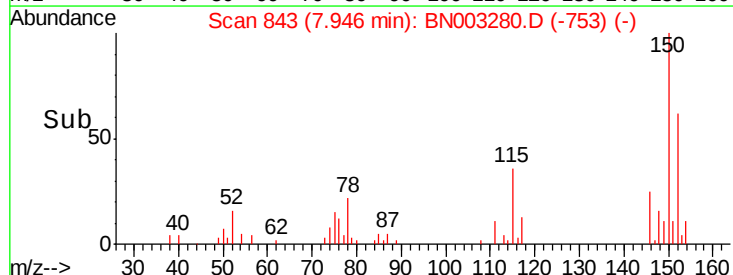
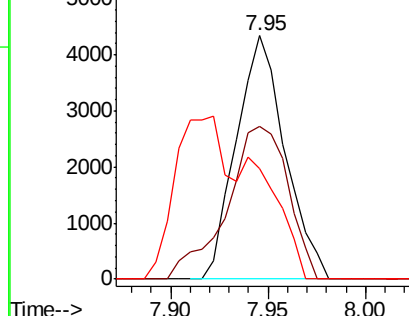


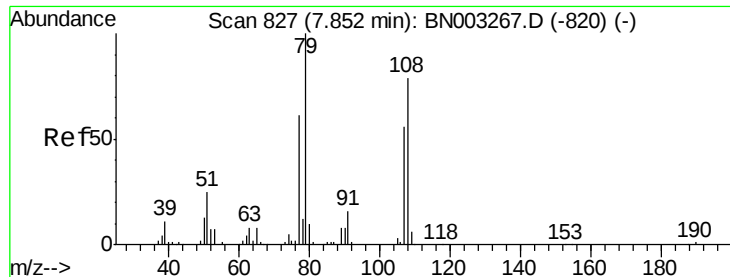
#14
 1,2-Dichlorobenzene
 Concen: 0.968 ng
 RT: 7.95 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Tgt Ion:146 Resp: 7500
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.4 77.2
 111 45.3 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: 2.367 ng

RT: 7.91 min Scan# 837

Delta R.T. 0.06 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampled :

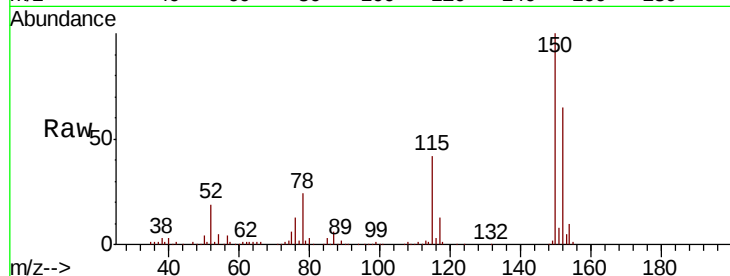
Tot Ion: 79 Resp: 13737

Ion Ratio Lower Upper

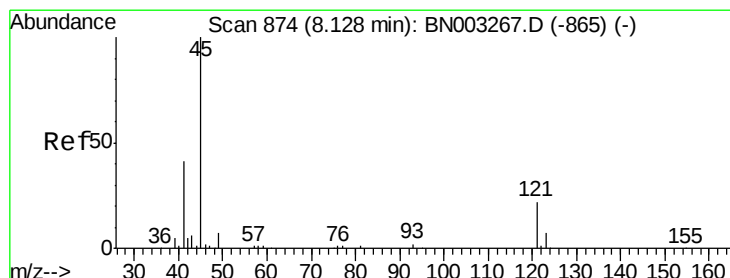
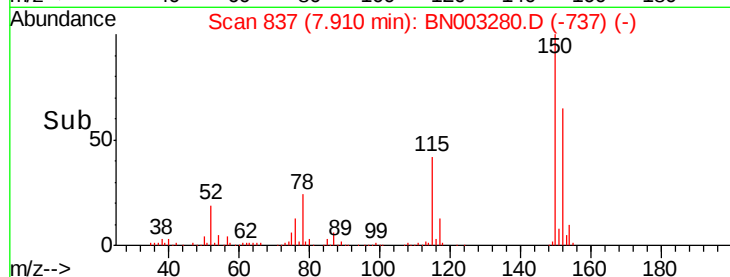
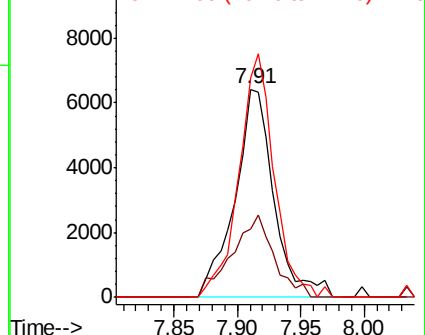
79 100

108 32.9 63.3 94.9#

77 105.5 49.0 73.6#



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 108.00 (107.70 to 108.70): BNC
Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.979 ng

RT: 8.13 min Scan# 875

Delta R.T. 0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

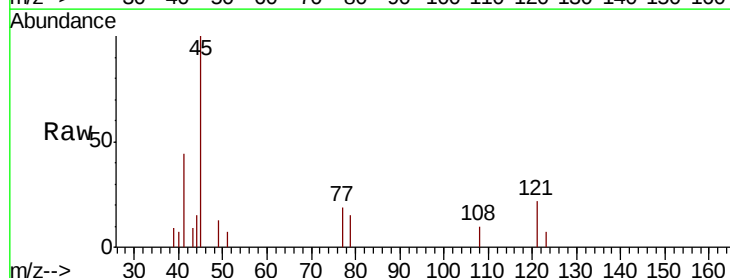
Tgt Ion: 45 Resp: 9968

Ion Ratio Lower Upper

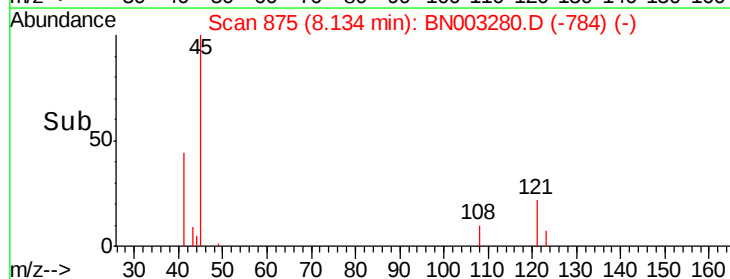
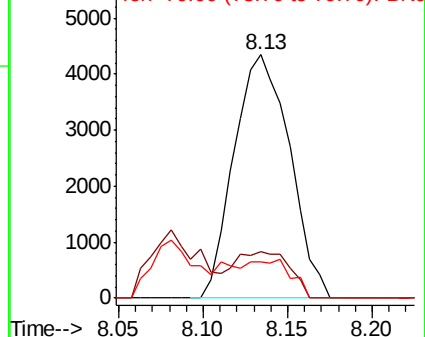
45 100

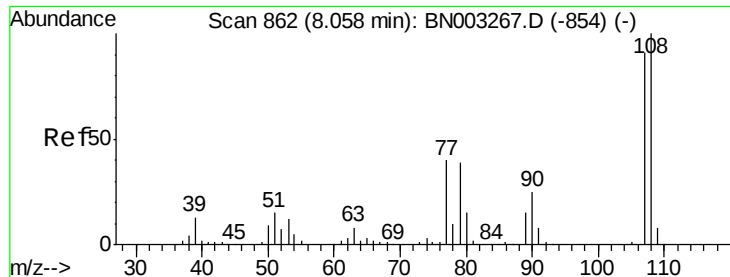
77 19.1 0.0 34.0

79 15.1 0.0 30.9



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

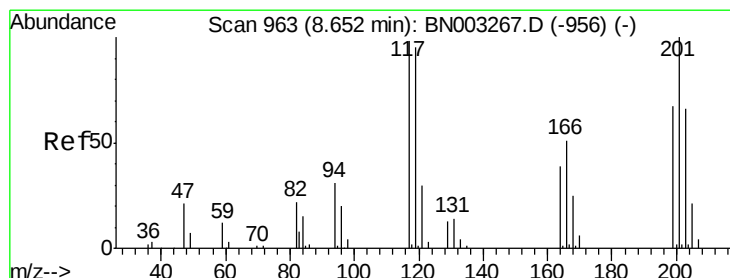
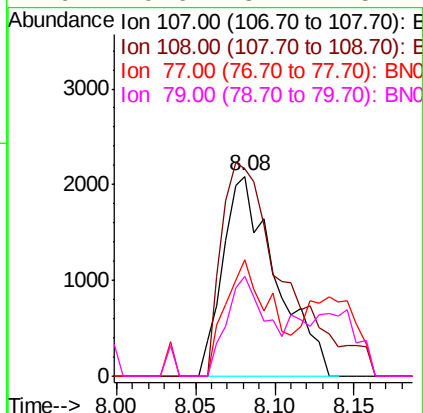
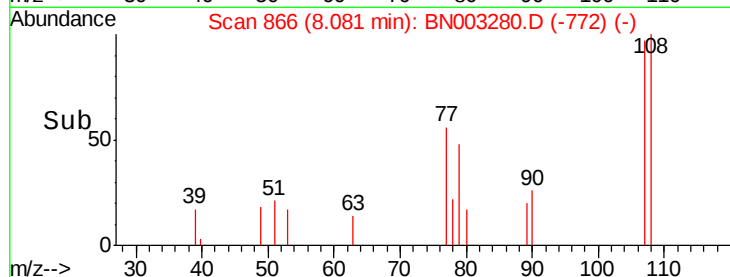
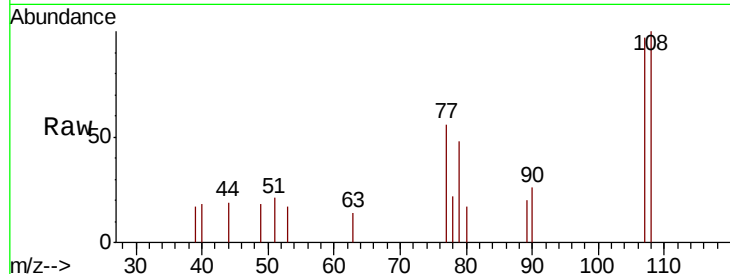




#17
2-Methylphenol
Concen: 0.836 ng
RT: 8.08 min Scan# 866
Delta R.T. 0.02 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

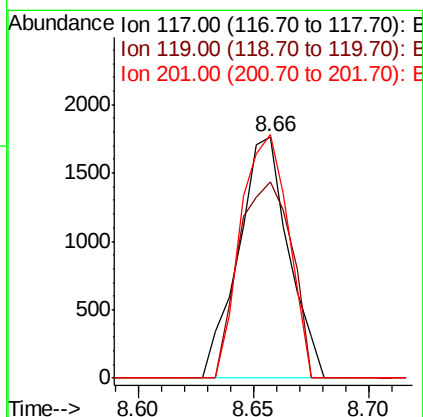
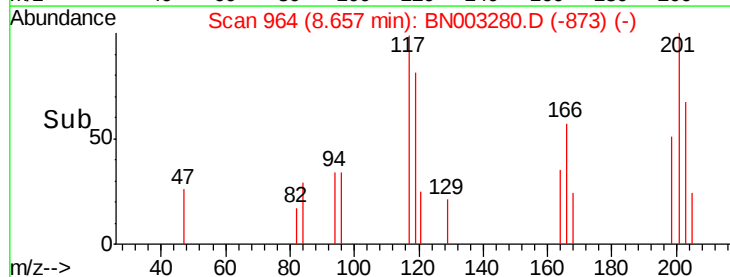
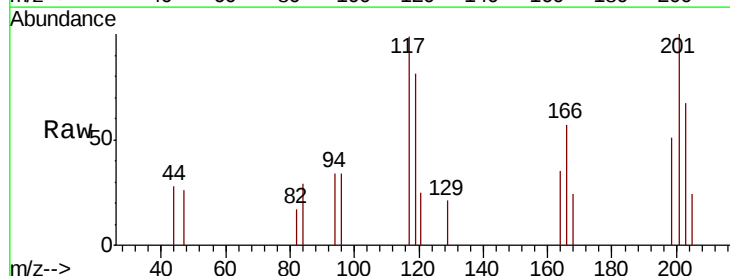
Instrument :
BNA_N
ClientSampleId :

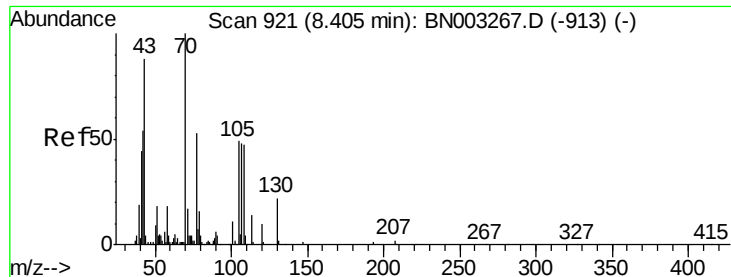
Tot Ion:107 Resp: 4856
Ion Ratio Lower Upper
107 100
108 103.6 87.6 131.4
77 58.5 35.3 52.9#
79 49.6 34.2 51.4



#18
Hexachloroethane
Concen: 0.954 ng
RT: 8.66 min Scan# 964
Delta R.T. 0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion:117 Resp: 2669
Ion Ratio Lower Upper
117 100
119 81.4 77.8 116.6
201 100.8 81.4 122.2

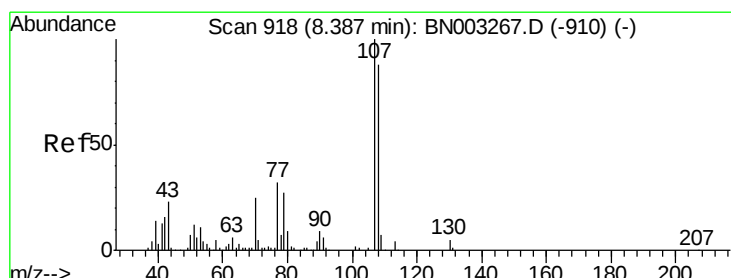
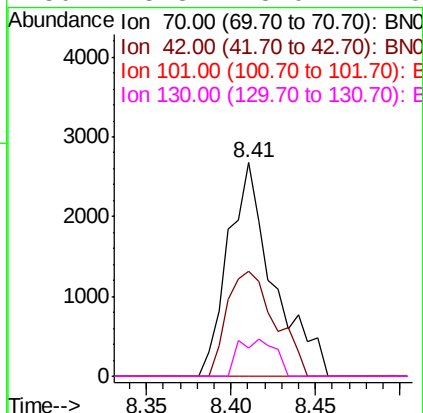
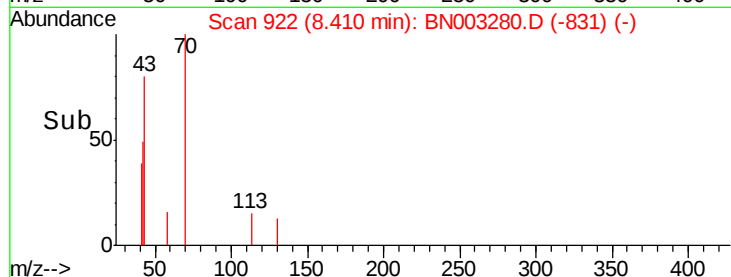
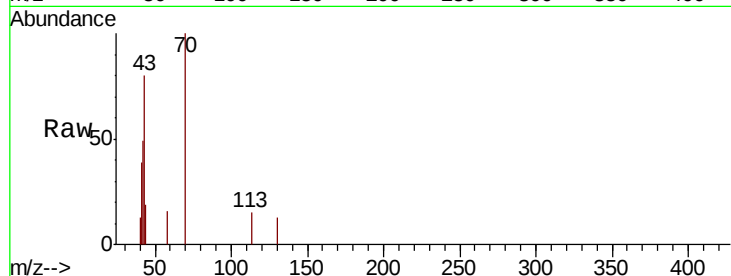




#19
n-Nitroso-di-n-propylamine
Concen: 0.859 ng
RT: 8.41 min Scan# 922
Delta R.T. 0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

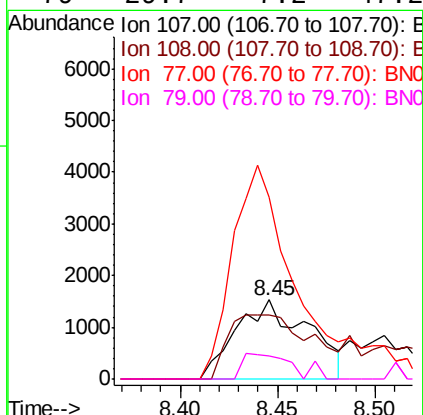
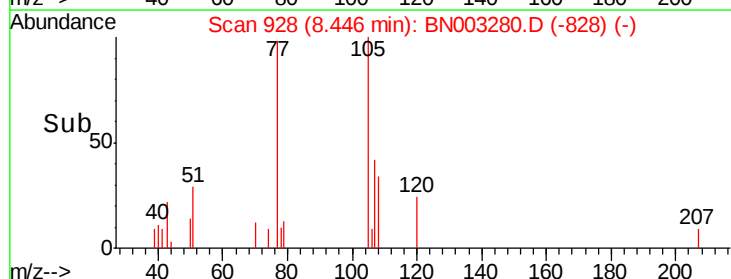
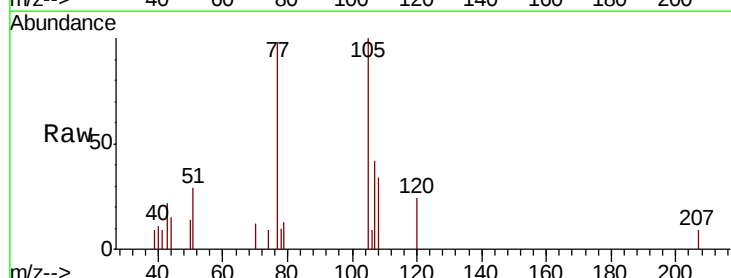
Instrument :
BNA_N
ClientSampleId :

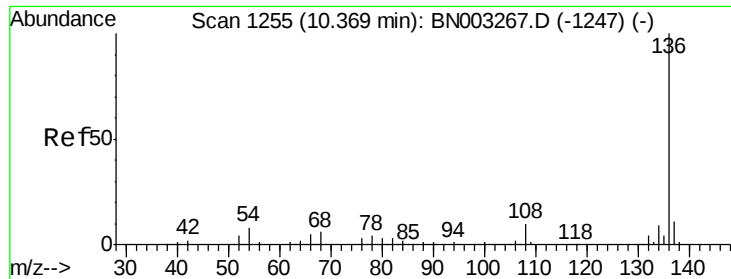
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.2	43.5	65.3
101	0.0	8.6	12.8#
130	13.3	18.0	27.0#



#20
3+4-Methylphenols
Concen: 0.476 ng
RT: 8.45 min Scan# 928
Delta R.T. 0.06 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.3	67.8	107.8
77	230.4	12.1	52.1#
79	29.7	7.2	47.2

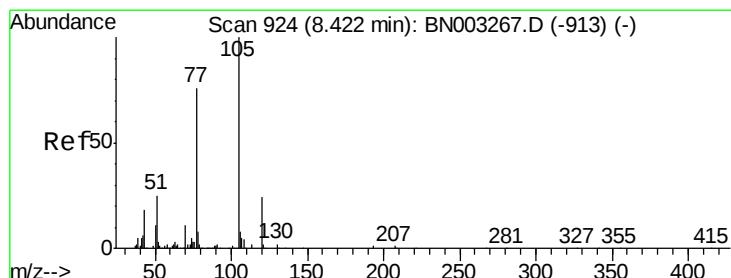
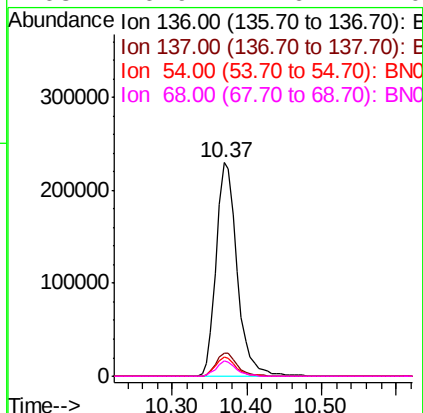
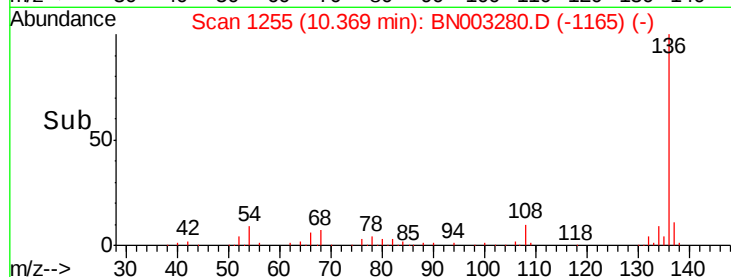
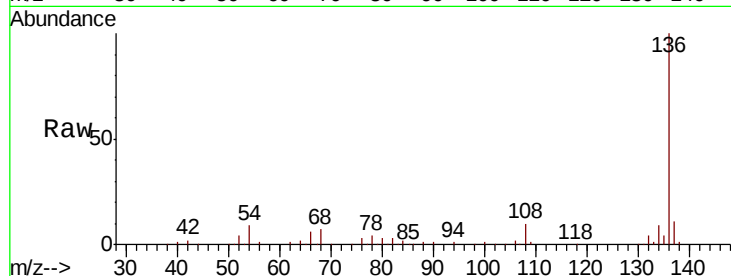




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

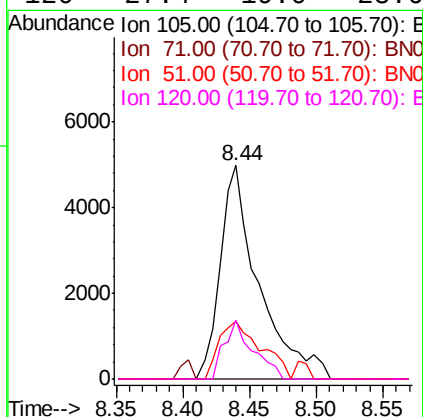
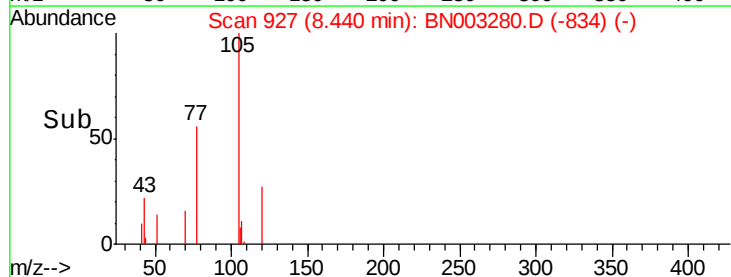
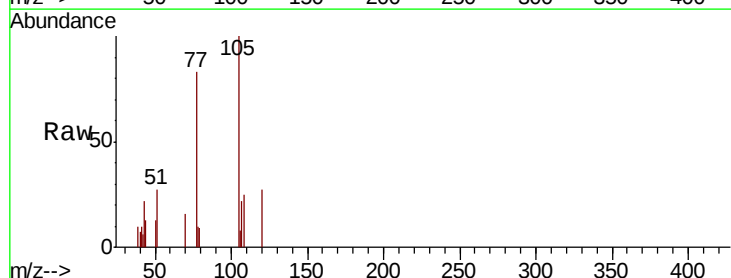
Instrument :
BNA_N
ClientSampleId :

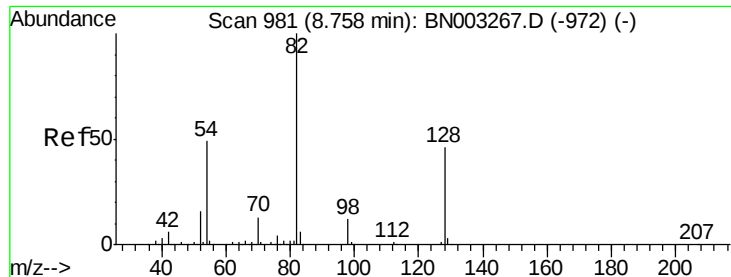
Tot Ion:136	Resp:	449396
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	8.7	6.6 10.0
68	6.9	4.6 7.0



#22
Acetophenone
Concen: 0.922 ng
RT: 8.44 min Scan# 927
Delta R.T. 0.02 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion:105	Resp:	10048
Ion	Ratio	Lower Upper
105	100	
71	0.0	1.3 1.9#
51	26.7	20.5 30.7
120	27.4	19.0 28.6

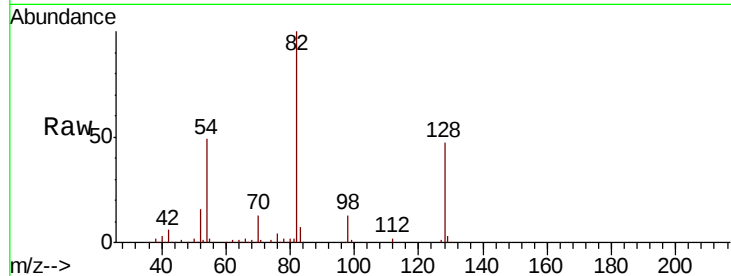




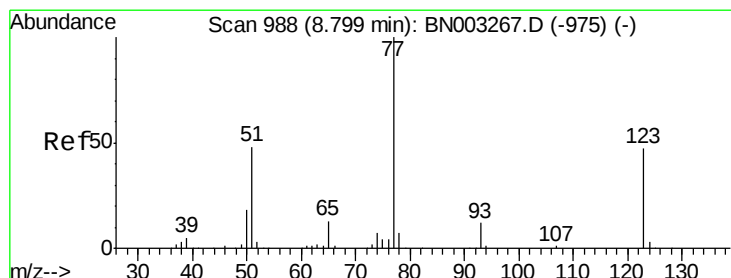
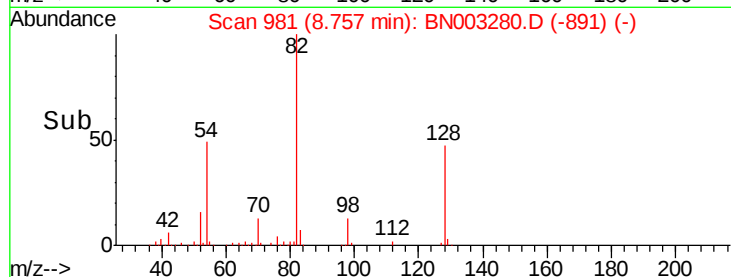
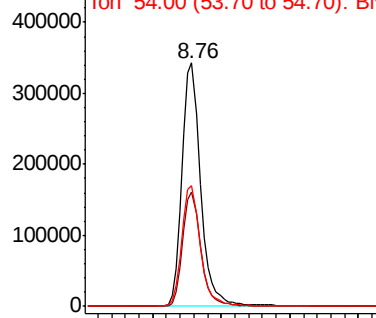
#23
Nitrobenzene-d5
Concen: 82.863 ng
RT: 8.76 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion	82	Resp	649328
Ion Ratio	Lower	Upper	
82	100		
128	47.2	37.1	55.7
54	49.3	39.4	59.2

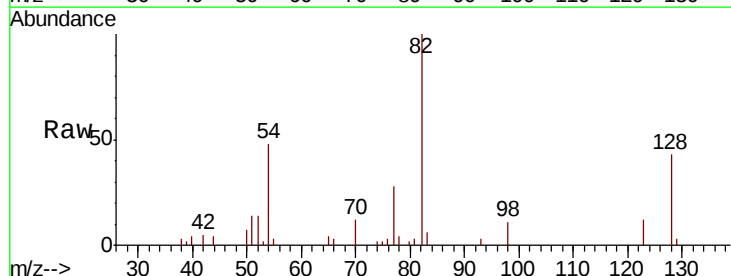


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

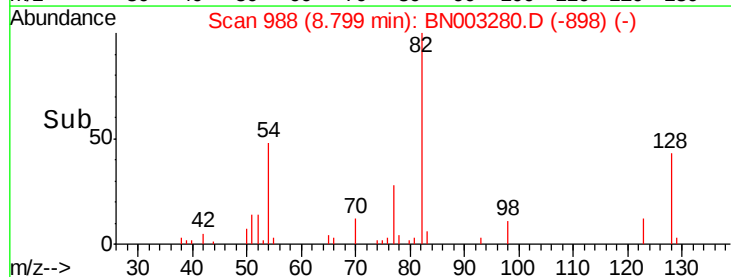
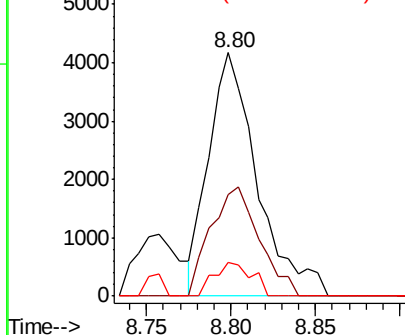


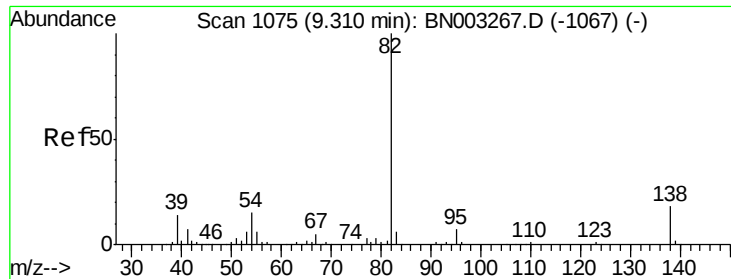
#24
Nitrobenzene
Concen: 1.045 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.00 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion	77	Resp	8357
Ion Ratio	Lower	Upper	
77	100		
123	41.9	37.8	56.6
65	14.0	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 1.053 ng

RT: 9.33 min Scan# 1078

Delta R.T. 0.02 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampleId :

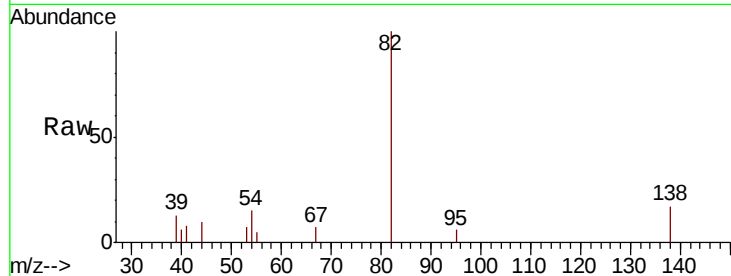
Tot Ion: 82 Resp: 14476

Ion Ratio Lower Upper

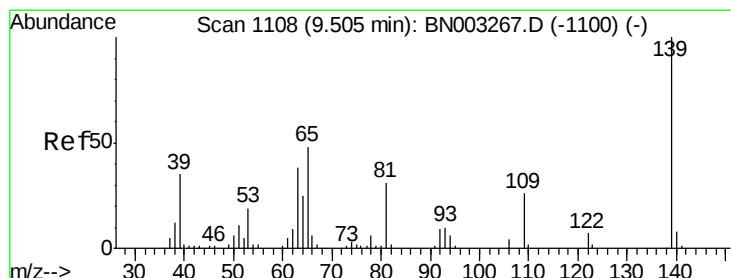
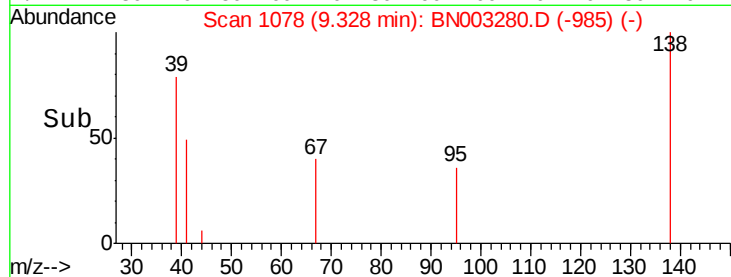
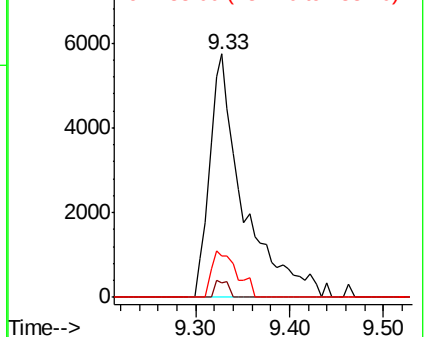
82 100

95 6.1 5.4 8.0

138 17.0 14.5 21.7



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



#26

2-Nitrophenol

Concen: 0.513 ng

RT: 9.53 min Scan# 1113

Delta R.T. 0.03 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

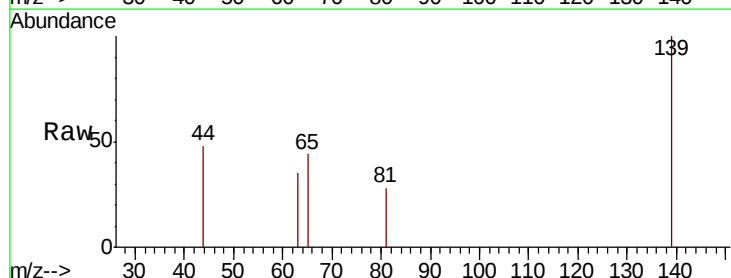
Tgt Ion: 139 Resp: 2159

Ion Ratio Lower Upper

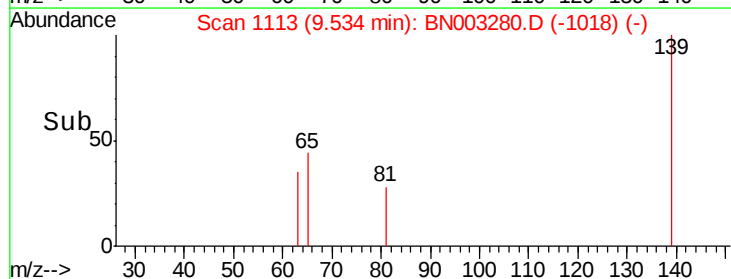
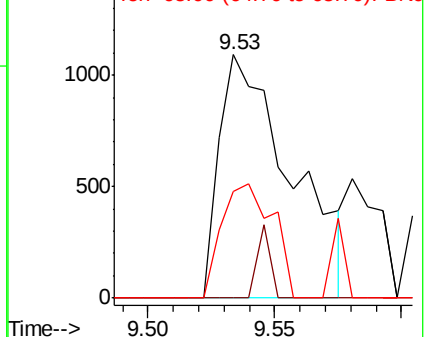
139 100

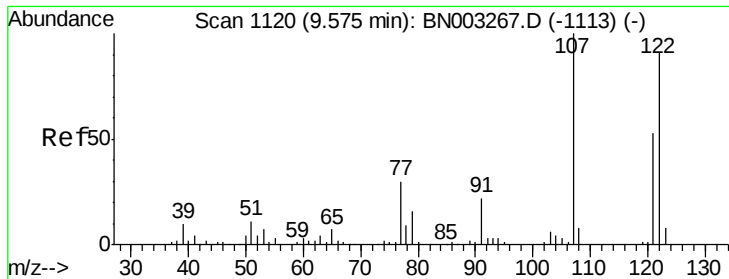
109 0.0 20.5 30.7#

65 43.9 38.4 57.6



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

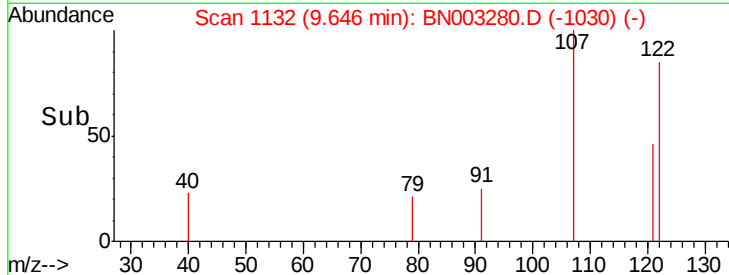
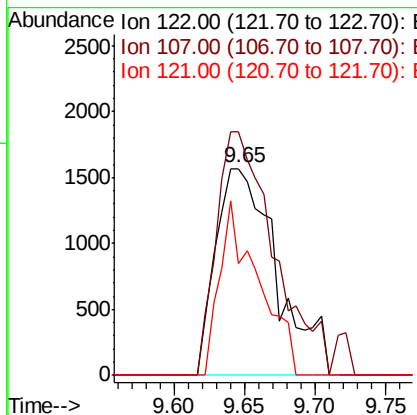
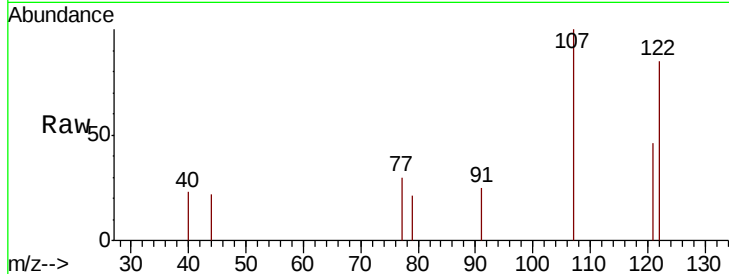




#27
 2,4-Dimethylphenol
 Concen: 0.798 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. 0.07 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

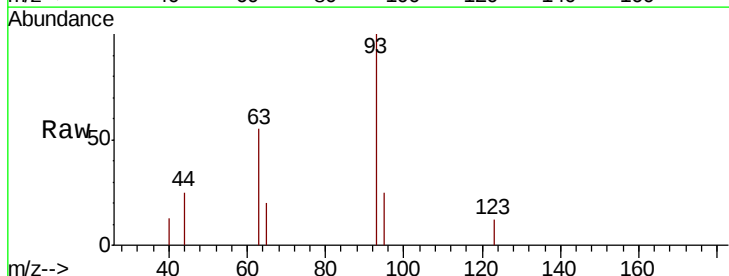
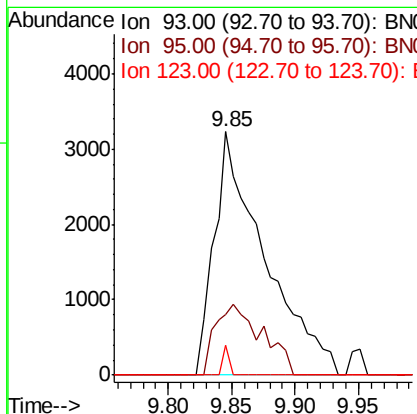
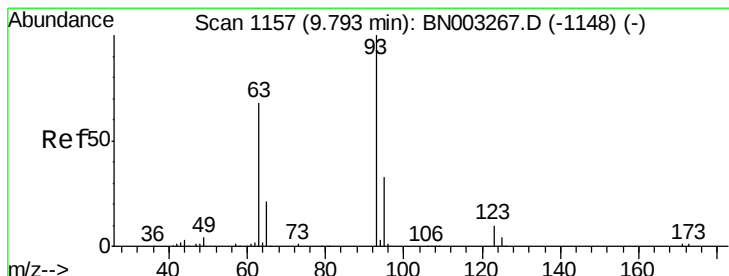
Instrument :
 BNA_N
 ClientSampled :

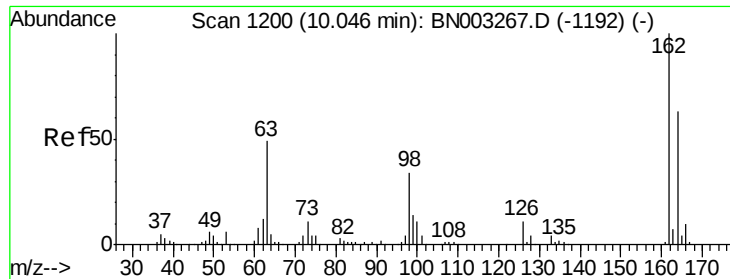
Tot Ion: 122 Resp: 4723
 Ion Ratio Lower Upper
 122 100
 107 117.8 87.8 131.6
 121 53.9 46.9 70.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.962 ng
 RT: 9.85 min Scan# 1166
 Delta R.T. 0.05 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Tgt Ion: 93 Resp: 8909
 Ion Ratio Lower Upper
 93 100
 95 24.7 26.2 39.4#
 123 12.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 0.643 ng

RT: 10.16 min Scan# 1219

Delta R.T. 0.11 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampleId :

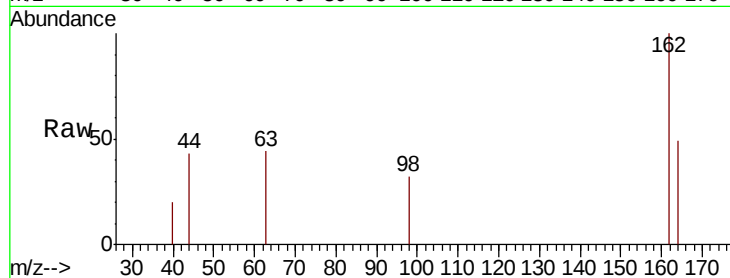
Tot Ion:162 Resp: 4345

Ion Ratio Lower Upper

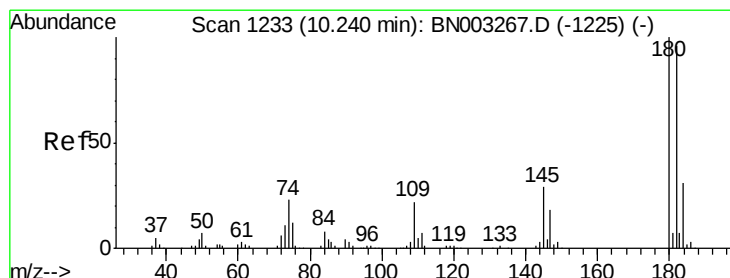
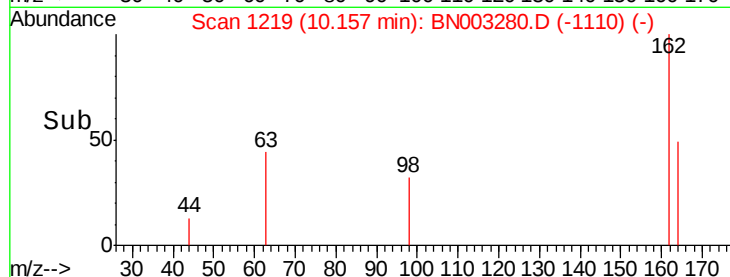
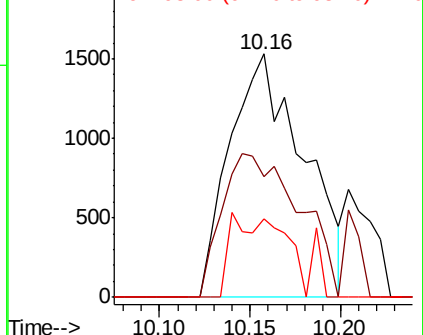
162 100

164 49.4 42.5 82.5

98 32.3 14.0 54.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNO



#30

1,2,4-Trichlorobenzene

Concen: 0.984 ng

RT: 10.26 min Scan# 1236

Delta R.T. 0.02 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

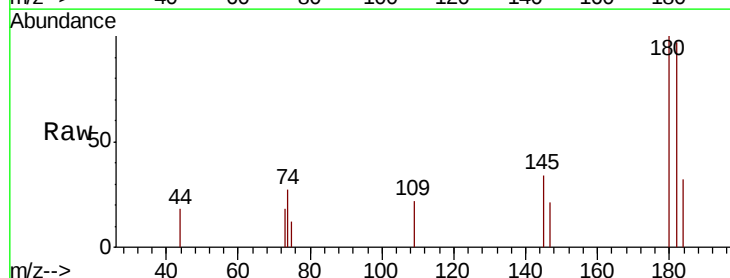
Tgt Ion:180 Resp: 7555

Ion Ratio Lower Upper

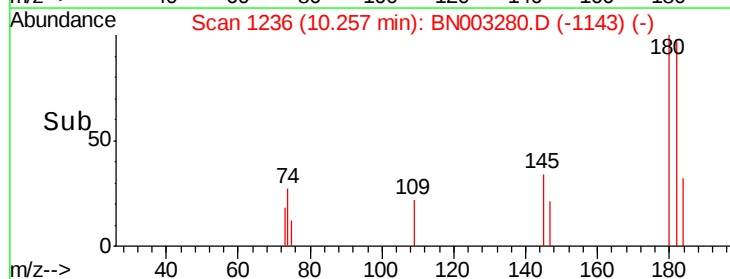
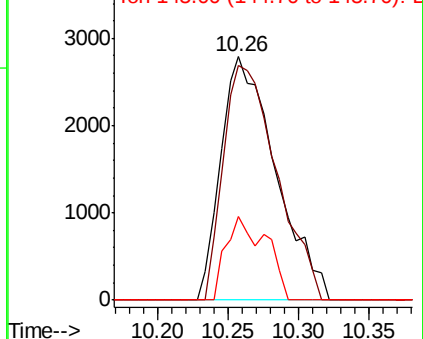
180 100

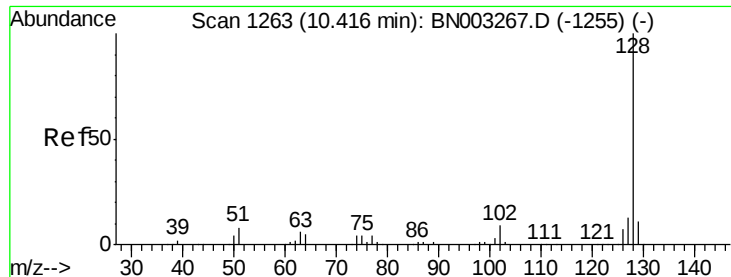
182 96.5 76.4 114.6

145 34.3 23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

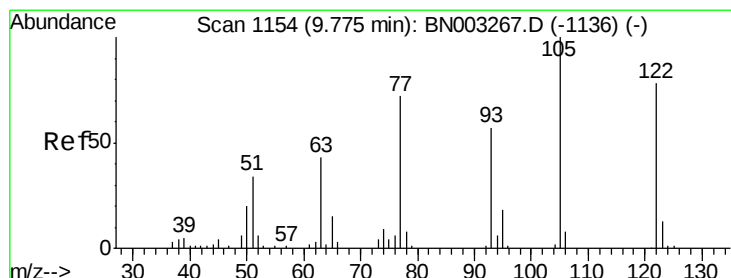
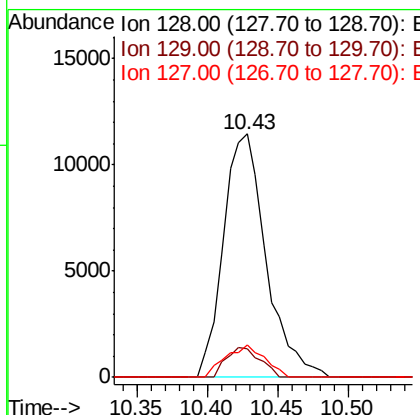
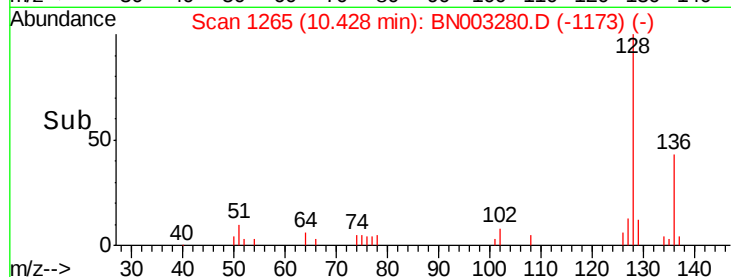
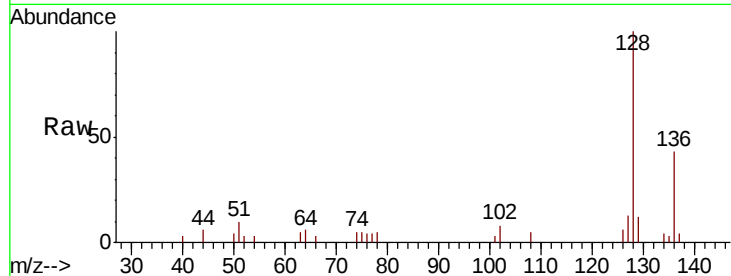




#31
Naphthalene
Concen: 1.096 ng
RT: 10.43 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

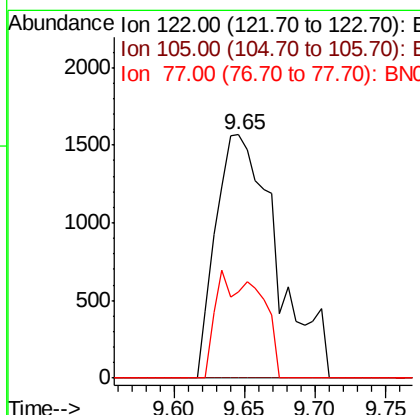
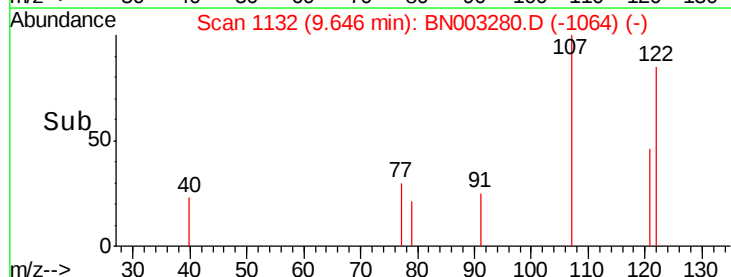
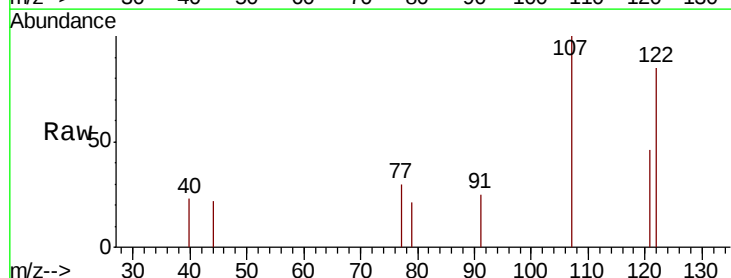
Instrument :
BNA_N
ClientSampleId :

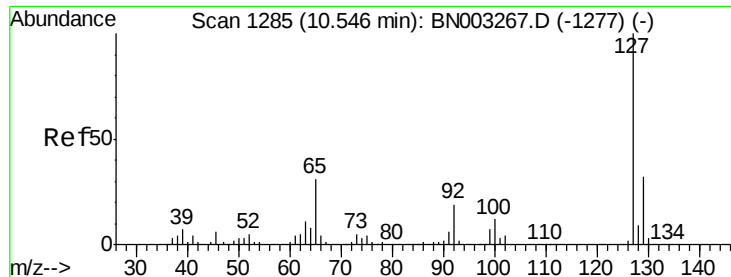
Tot Ion:128 Resp: 24061
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 5.842 ng
RT: 9.65 min Scan# 1132
Delta R.T. -0.13 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion:122 Resp: 4723
Ion Ratio Lower Upper
122 100
105 0.0 106.8 146.8#
77 35.2 71.9 111.9#

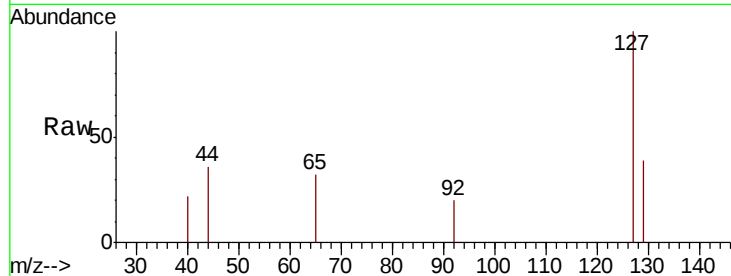




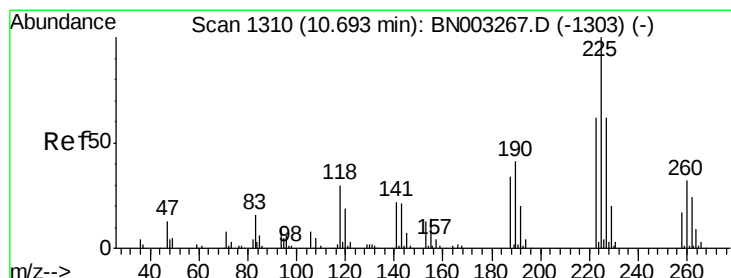
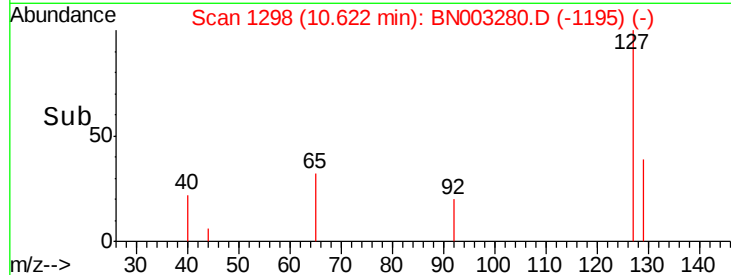
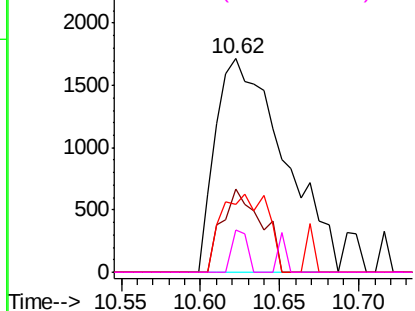
#33
4-Chloroaniline
Concen: 0.532 ng
RT: 10.62 min Scan# 1298
Delta R.T. 0.08 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127	Resp:	5164
Ion Ratio	Lower	Upper
127	100	
129	39.0	25.8 38.6#
65	31.9	24.6 36.8
92	20.1	15.3 22.9

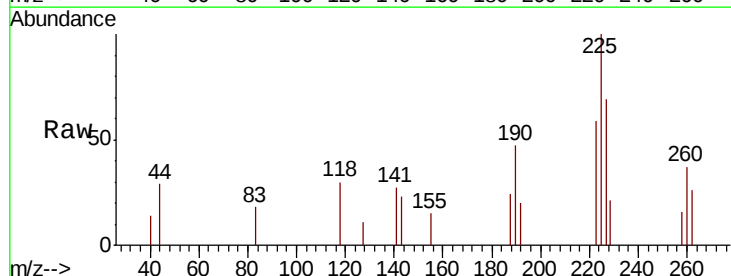


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

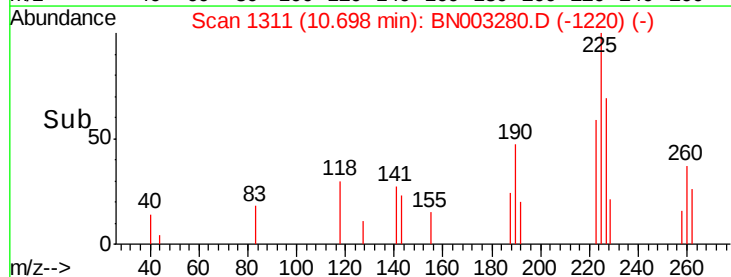
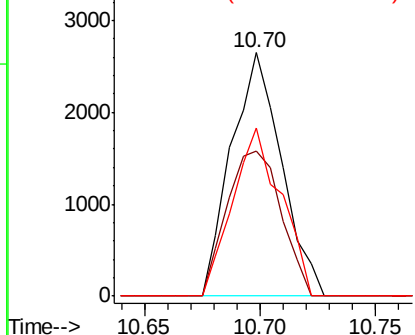


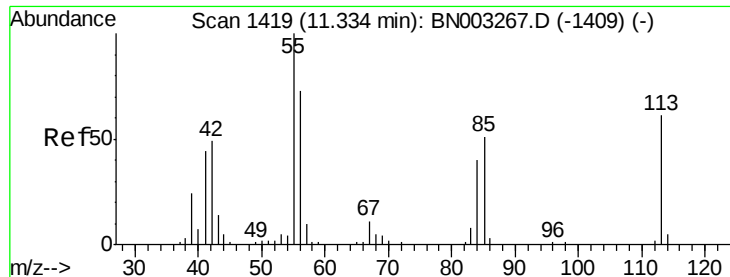
#34
Hexachlorobutadiene
Concen: 0.875 ng
RT: 10.70 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion:225	Resp:	4010
Ion Ratio	Lower	Upper
225	100	
223	59.5	49.8 74.8
227	68.9	49.6 74.4



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





#35

Caprolactam

Concen: 0.203 ng

RT: 11.37 min Scan# 1426

Delta R.T. 0.04 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampled :

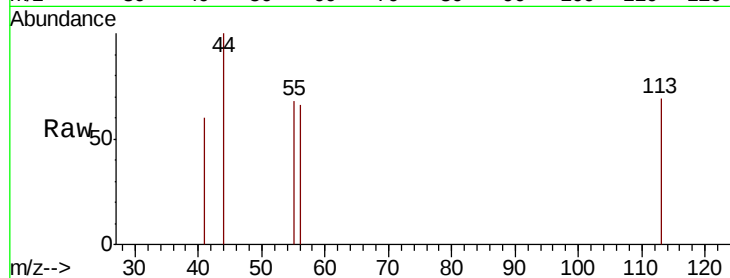
Tot Ion:113 Resp: 538

Ion Ratio Lower Upper

113 100

55 98.4 144.2 184.2#

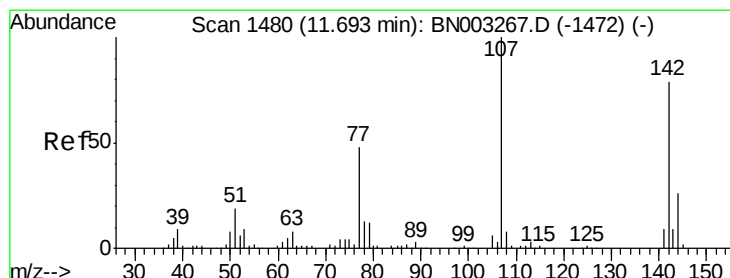
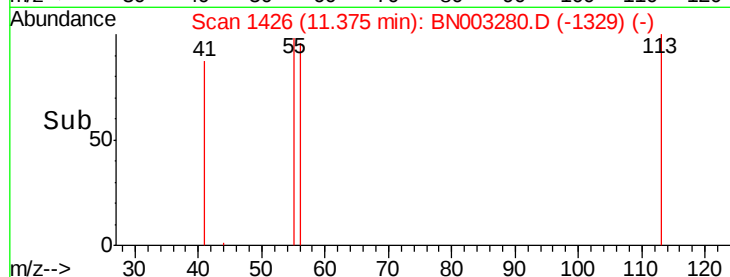
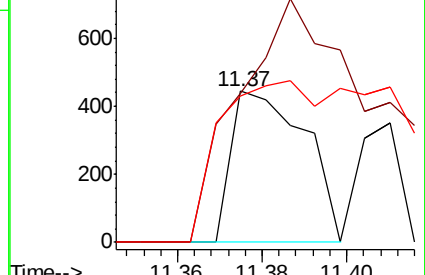
56 96.4 100.6 140.6#



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



#36

4-Chloro-3-methylphenol

Concen: 0.798 ng

RT: 11.76 min Scan# 1492

Delta R.T. 0.07 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

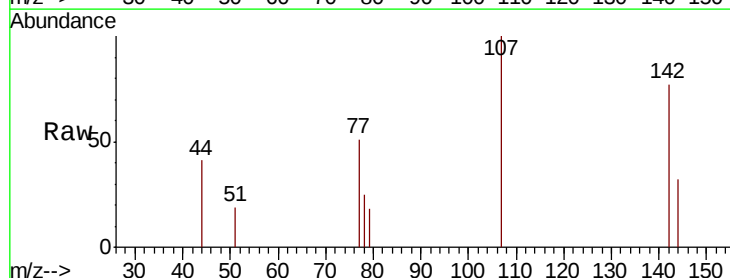
Tgt Ion:107 Resp: 6009

Ion Ratio Lower Upper

107 100

144 31.6 20.8 31.2#

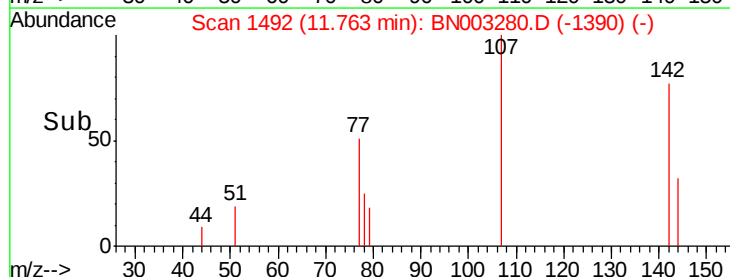
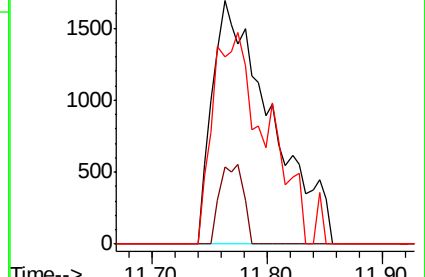
142 76.8 63.5 95.3

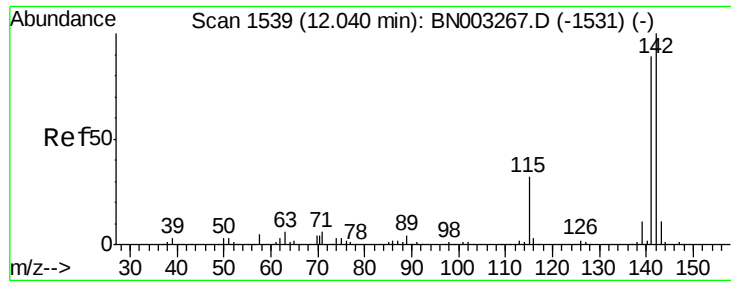


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

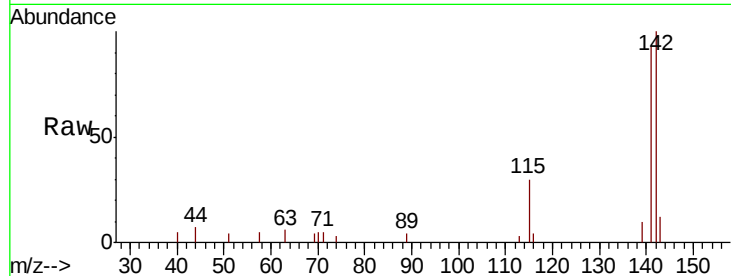




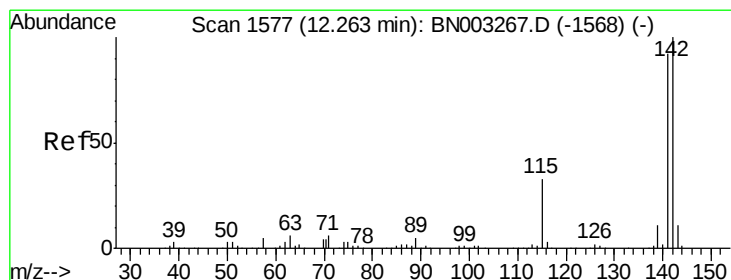
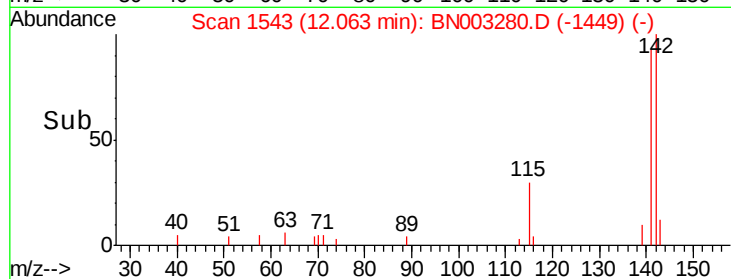
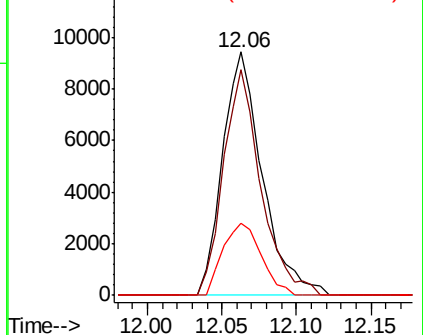
#37
2-Methylnaphthalene
Concen: 1.119 ng
RT: 12.06 min Scan# 1543
Delta R.T. 0.02 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:142 Resp: 17557
Ion Ratio Lower Upper
142 100
141 92.8 71.6 107.4
115 29.7 25.5 38.3

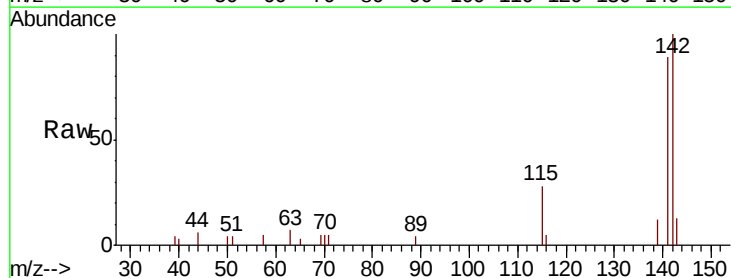


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

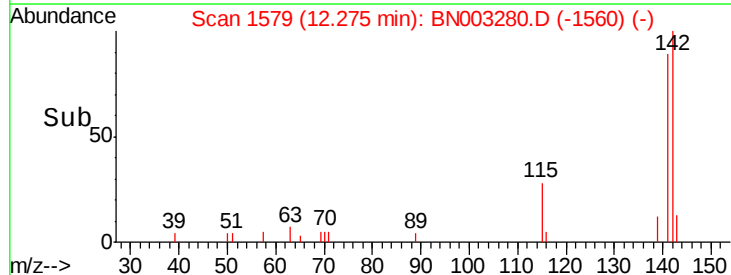
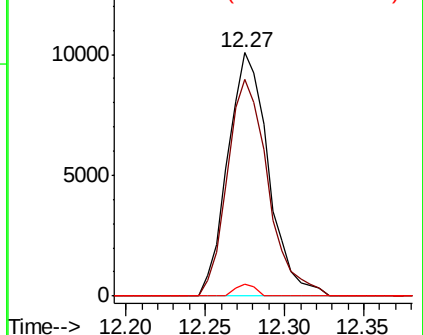


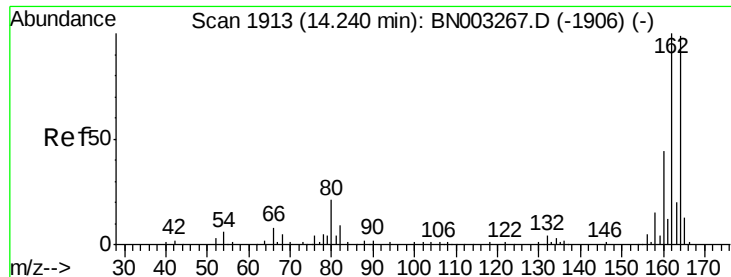
#38
1-Methylnaphthalene
Concen: 1.170 ng
RT: 12.27 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion:142 Resp: 17926
Ion Ratio Lower Upper
142 100
141 88.8 73.6 110.4
116 4.8 2.8 4.2#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampleId :

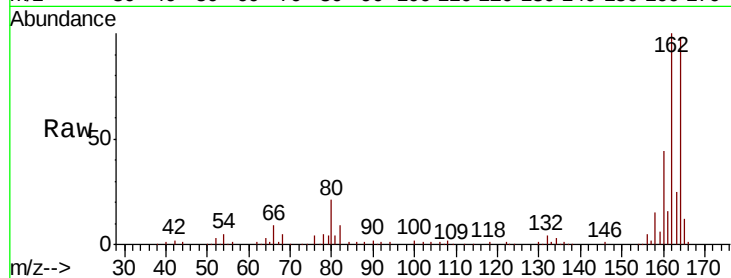
Tot Ion:164 Resp: 287946

Ion Ratio Lower Upper

164 100

162 102.3 80.8 121.2

160 44.7 35.5 53.3

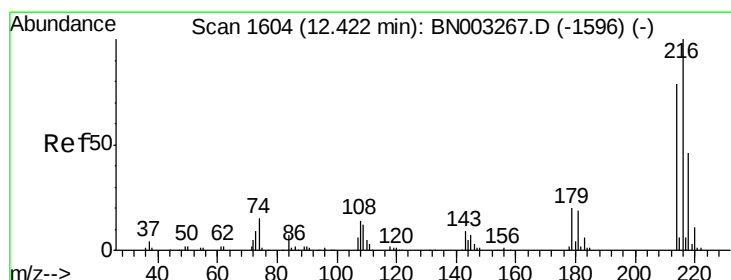
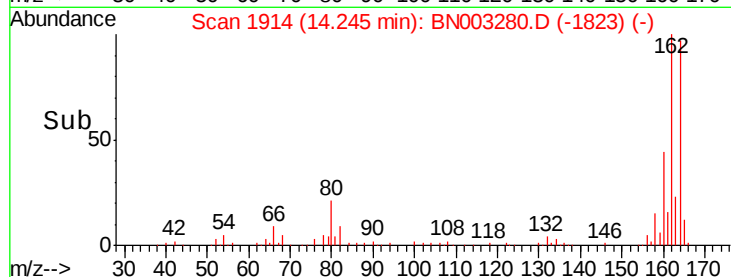
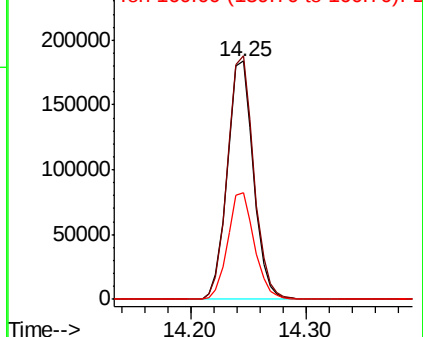


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.959 ng

RT: 12.43 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Tgt Ion:216 Resp: 9132

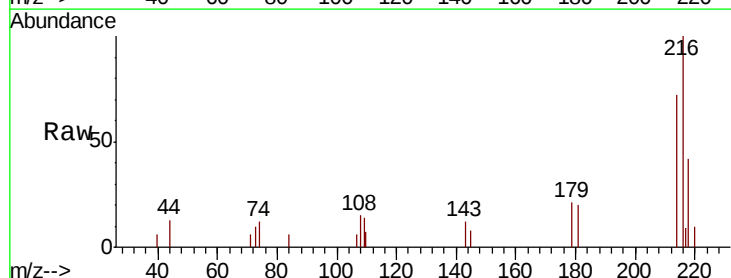
Ion Ratio Lower Upper

216 100

214 70.3 62.8 94.2

179 18.5 16.0 24.0

108 10.8 12.9 19.3#



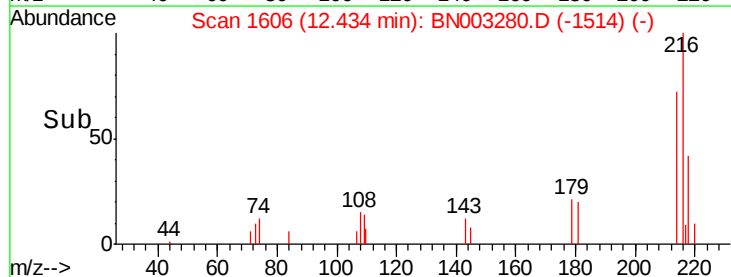
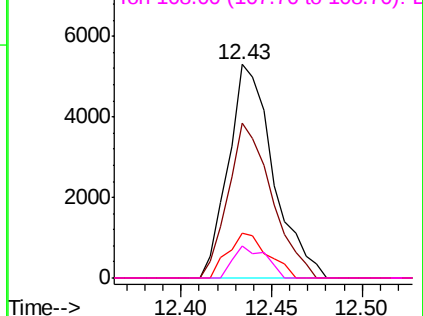
Abundance

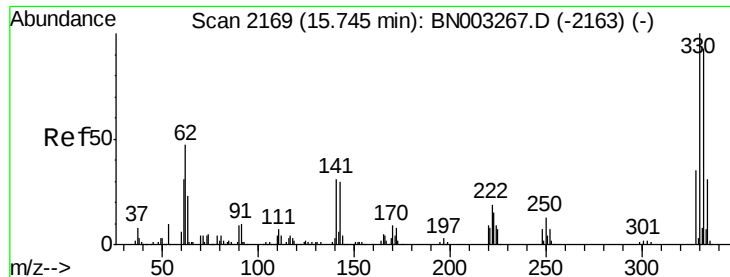
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

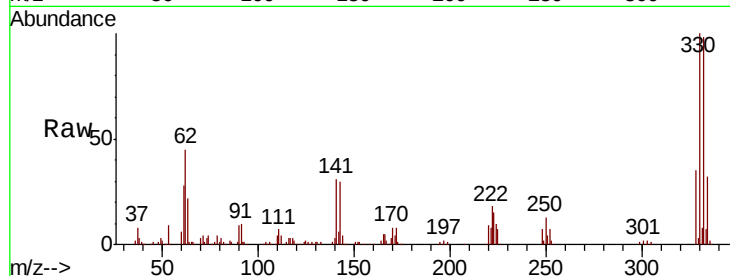




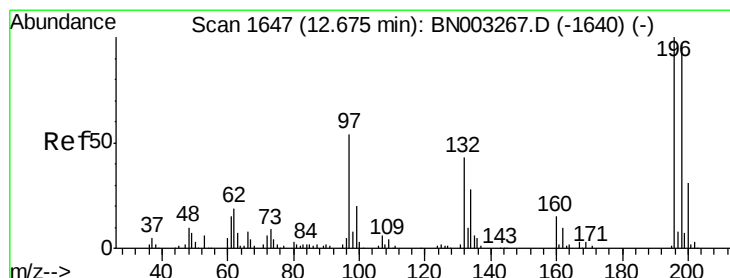
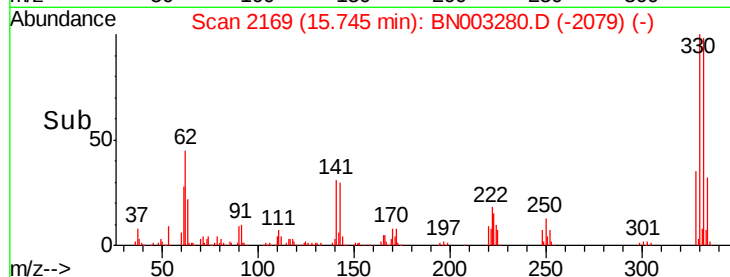
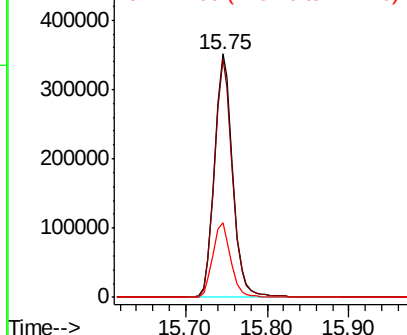
#42
 2,4,6-Tribromophenol
 Concen: 141.008 ng
 RT: 15.75 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 546729
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 30.5 24.5 36.7

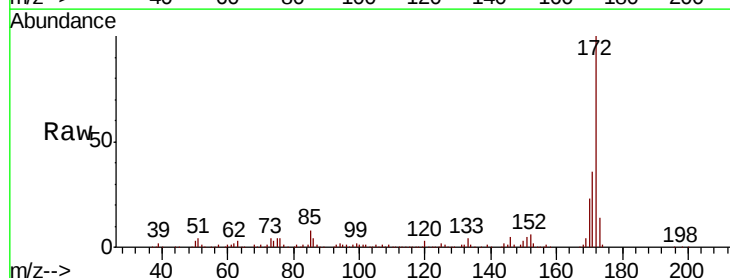


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

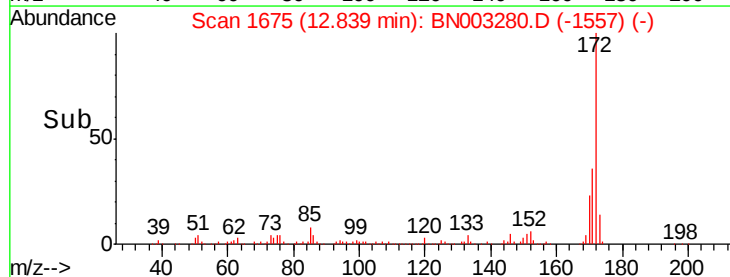
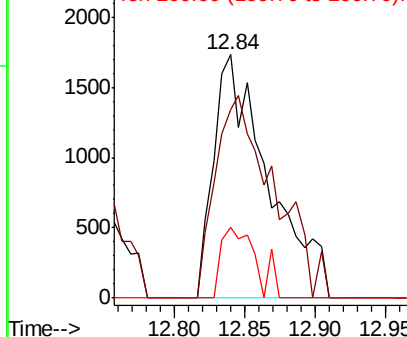


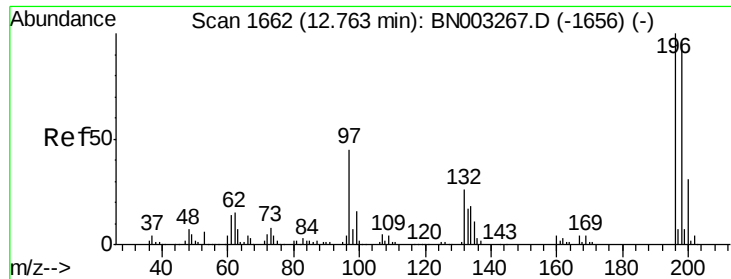
#43
 2,4,6-Trichlorophenol
 Concen: 0.774 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. 0.16 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Tgt Ion:196 Resp: 4658
 Ion Ratio Lower Upper
 196 100
 198 77.4 77.4 116.0
 200 29.2 25.0 37.6



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

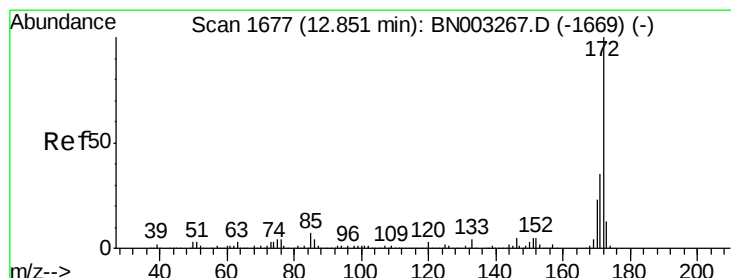
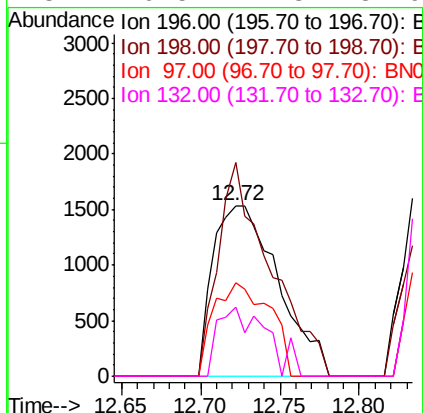
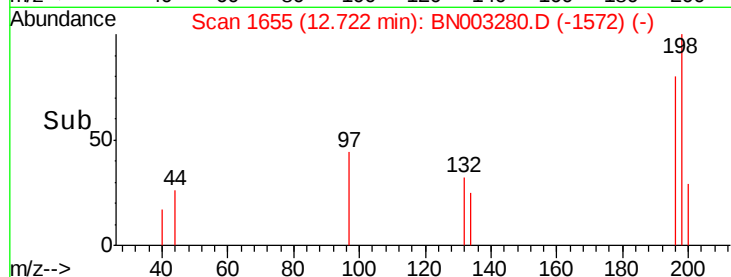
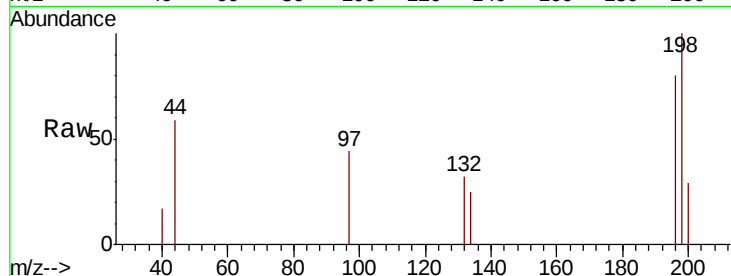




#44
 2,4,5-Trichlorophenol
 Concen: 0.700 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

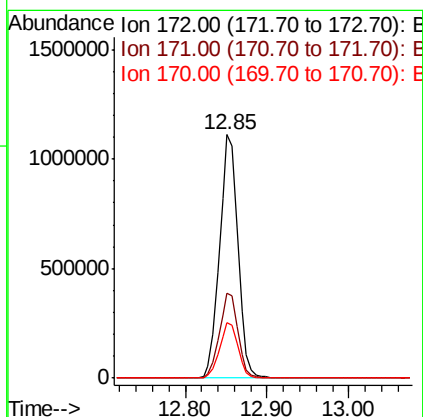
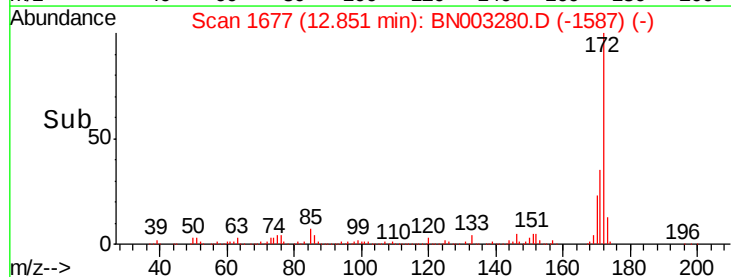
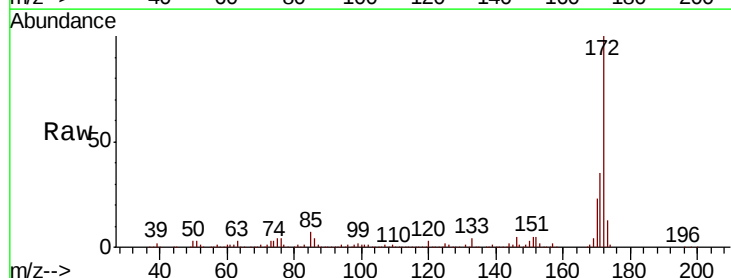
Instrument :
 BNA_N
 ClientSampleId :

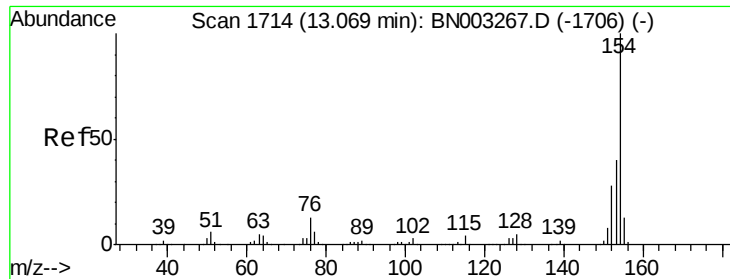
Tot Ion:196 Resp: 4394
 Ion Ratio Lower Upper
 196 100
 198 125.2 76.8 115.2#
 97 54.9 35.8 53.8#
 132 40.5 21.3 31.9#



#45
 2-Fluorobiphenyl
 Concen: 81.908 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Tgt Ion:172 Resp: 1738758
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.2 42.4
 170 22.7 18.4 27.6

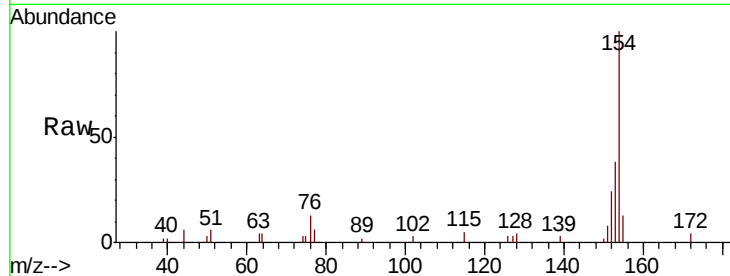




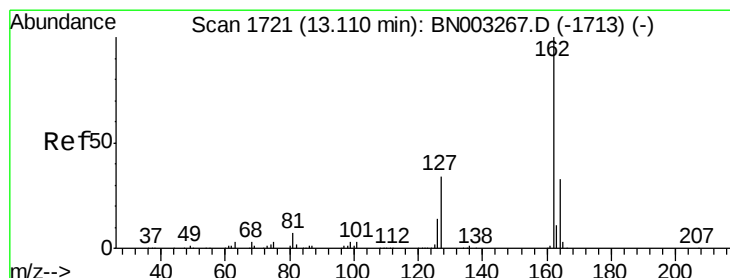
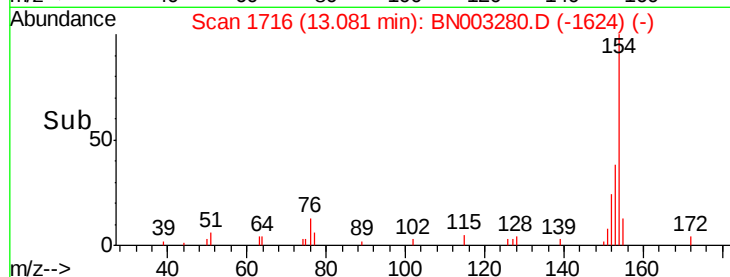
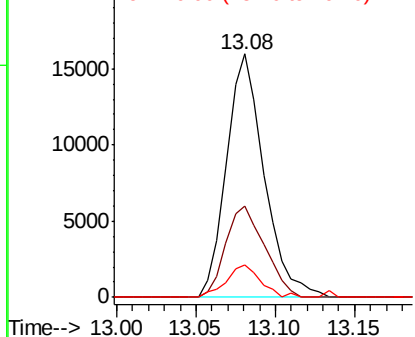
#46
 1,1'-Biphenyl
 Concen: 1.038 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	37.7	20.5	60.5
76	13.2	0.0	33.3

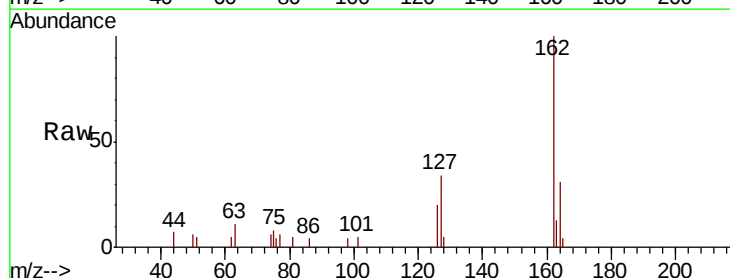


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

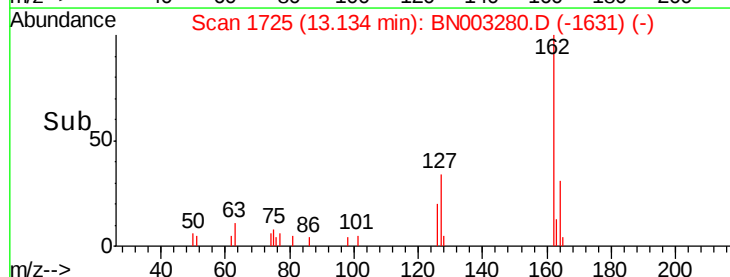
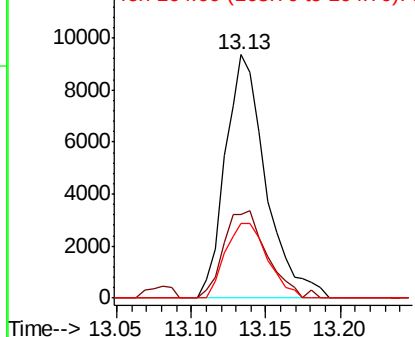


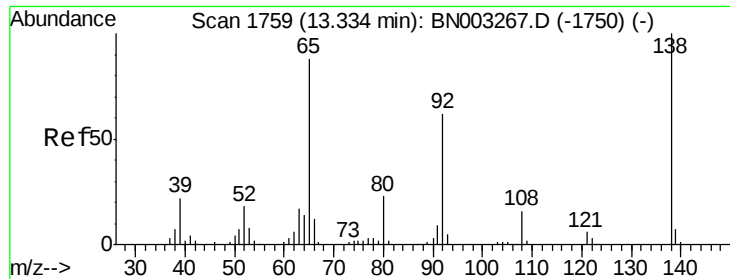
#47
 2-Chloronaphthalene
 Concen: 0.952 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. 0.02 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.3	29.8	44.6
164	30.8	26.3	39.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

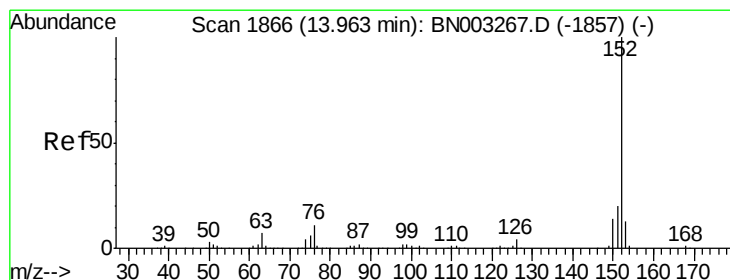
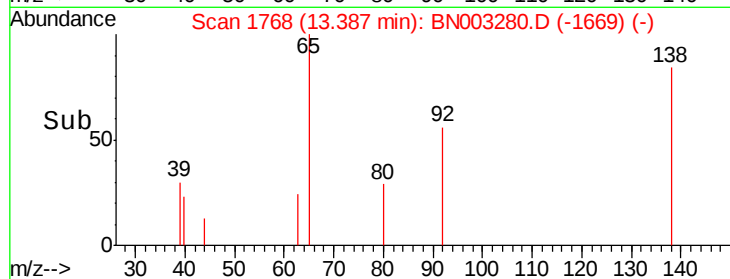
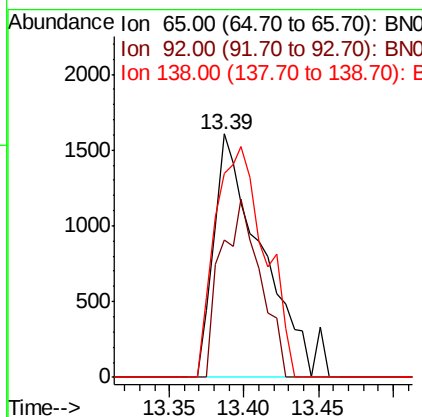
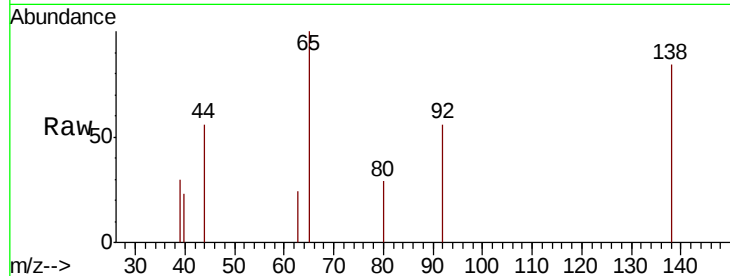




#48
 2-Nitroaniline
 Concen: 0.660 ng
 RT: 13.39 min Scan# 1768
 Delta R.T. 0.05 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

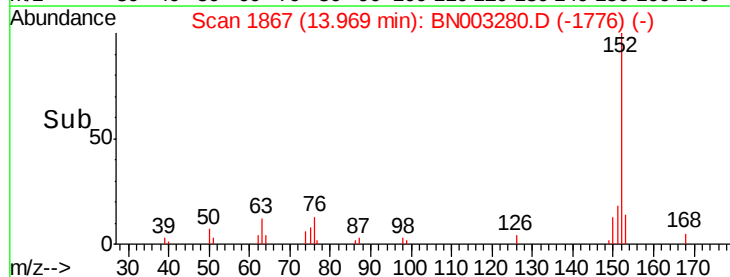
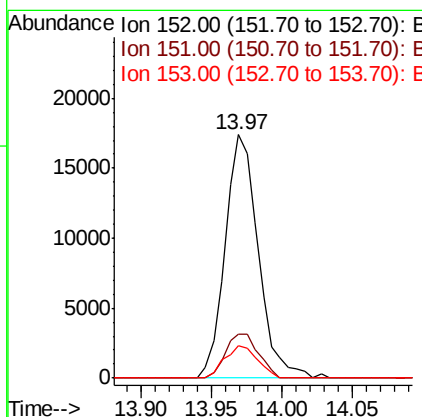
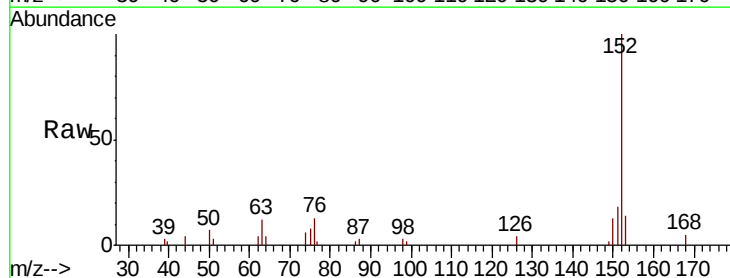
Instrument :
 BNA_N
 ClientSampleId :

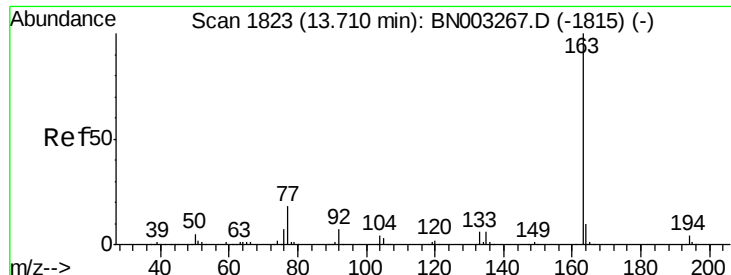
Tot Ion: 65 Resp: 3617
 Ion Ratio Lower Upper
 65 100
 92 56.3 56.1 84.1
 138 83.8 90.6 136.0#



#49
 Acenaphthylene
 Concen: 0.998 ng
 RT: 13.97 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Tgt Ion: 152 Resp: 28467
 Ion Ratio Lower Upper
 152 100
 151 18.1 15.8 23.6
 153 13.5 10.3 15.5

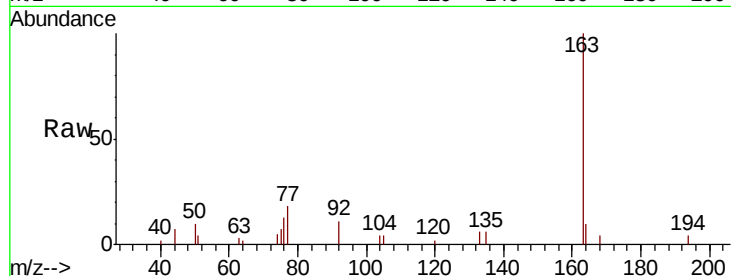




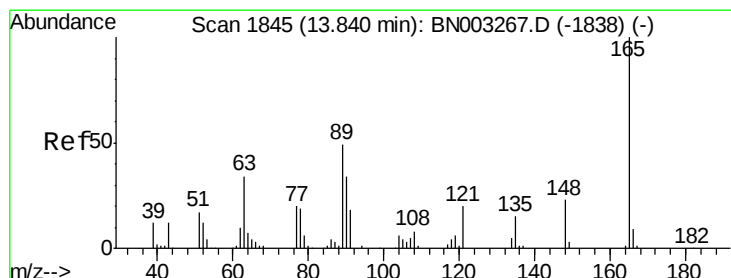
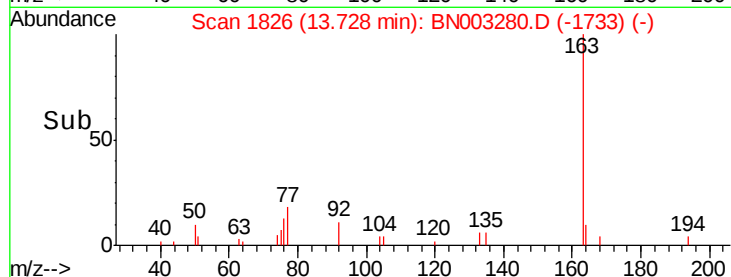
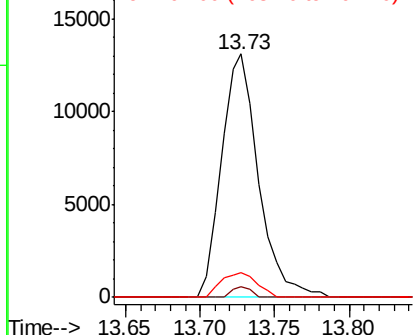
#50
Dimethylphthalate
Concen: 0.976 ng
RT: 13.73 min Scan# 1826
Delta R.T. 0.02 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:163 Resp: 22730
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.9 7.9 11.9

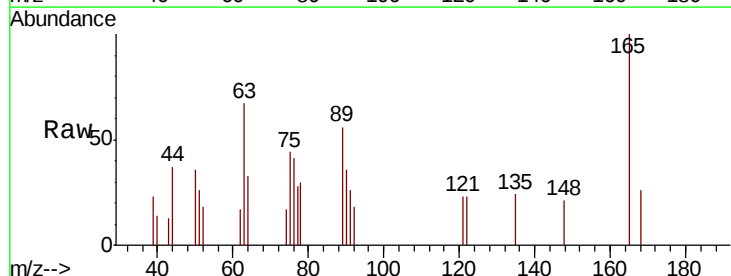


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

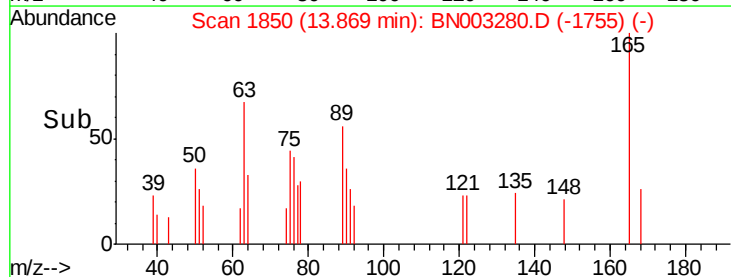
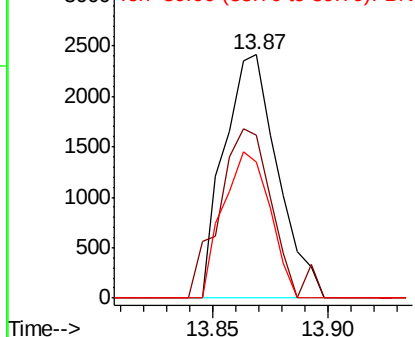


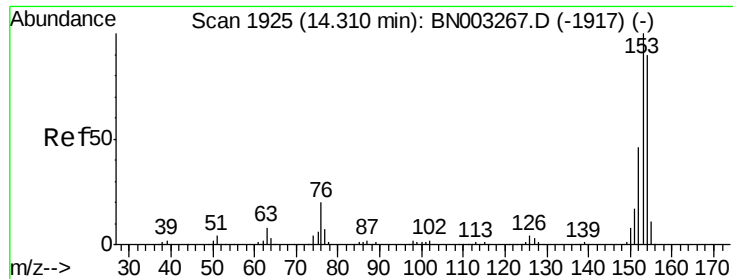
#51
2,6-Dinitrotoluene
Concen: 0.737 ng
RT: 13.87 min Scan# 1850
Delta R.T. 0.03 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion:165 Resp: 3895
Ion Ratio Lower Upper
165 100
63 66.8 39.2 58.8#
89 55.7 38.9 58.3



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





#52

Acenaphthene

Concen: 1.044 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampleId :

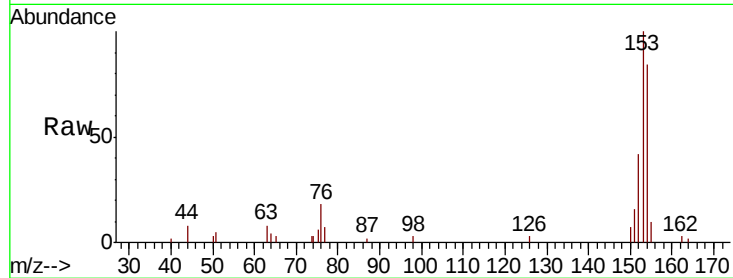
Tot Ion:154 Resp: 18055

Ion Ratio Lower Upper

154 100

153 118.7 89.3 133.9

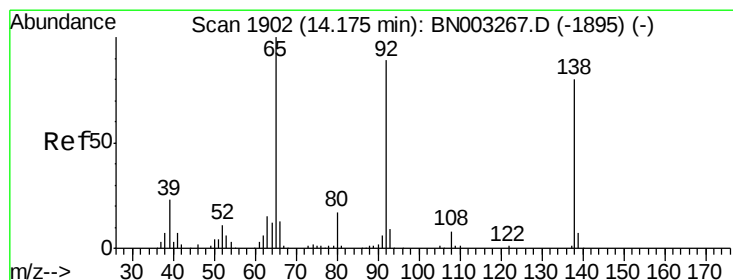
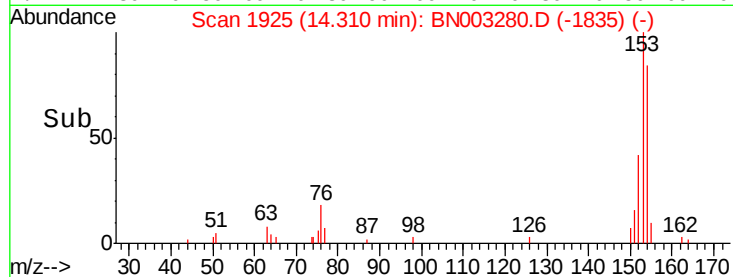
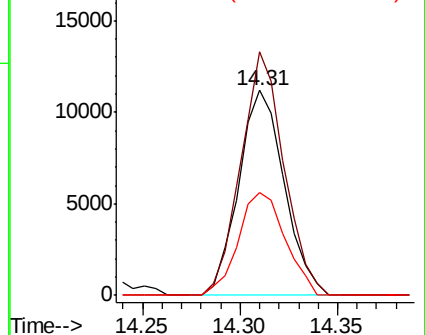
152 50.0 41.2 61.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.438 ng

RT: 14.23 min Scan# 1911

Delta R.T. 0.05 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

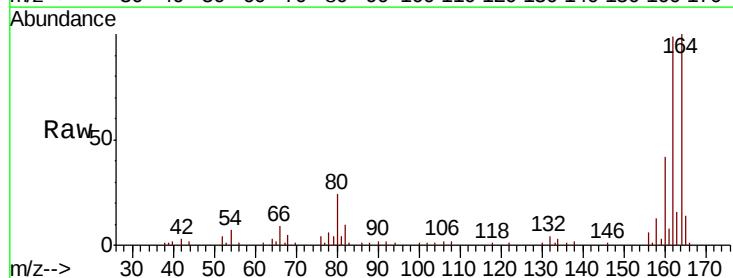
Tgt Ion:138 Resp: 2477

Ion Ratio Lower Upper

138 100

108 144.5 8.4 12.6#

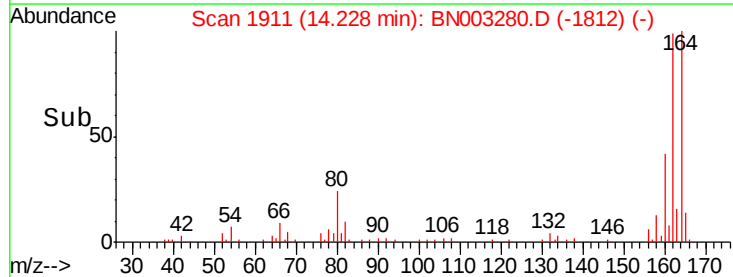
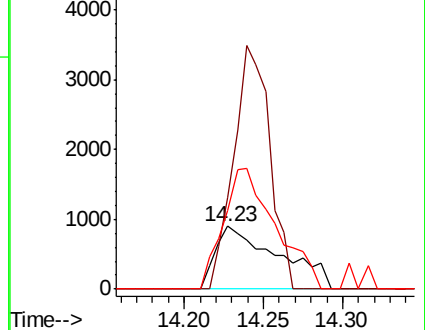
92 124.4 89.6 134.4

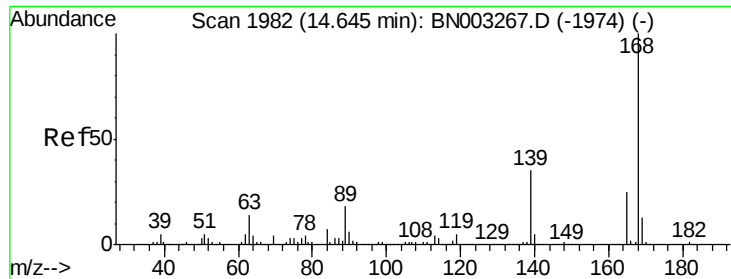


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#55

Dibenzenofuran

Concen: 1.009 ng

RT: 14.66 min Scan# 1985

Delta R.T. 0.02 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampleId :

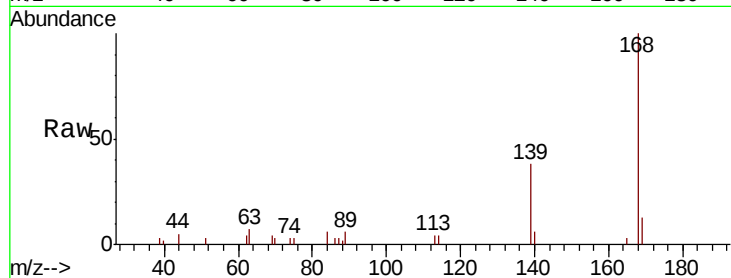
Tot Ion:168 Resp: 28390

Ion Ratio Lower Upper

168 100

139 38.2 28.5 42.7

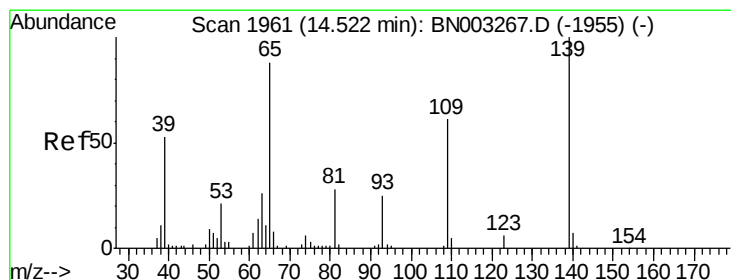
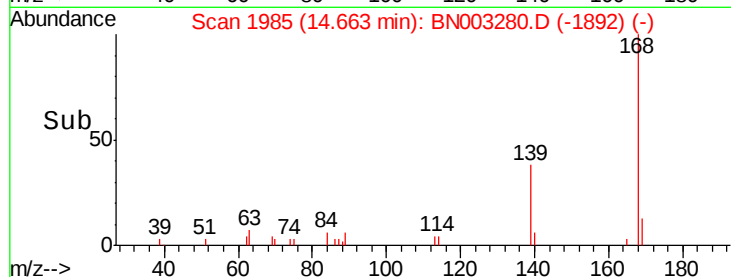
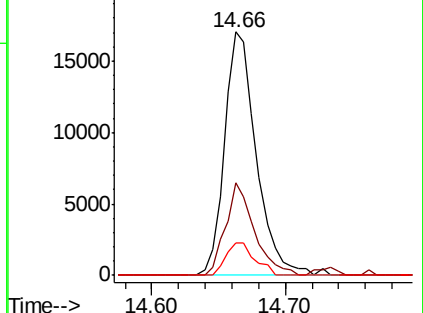
169 13.3 10.3 15.5



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: 7.677 ng

RT: 14.66 min Scan# 1985

Delta R.T. 0.14 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

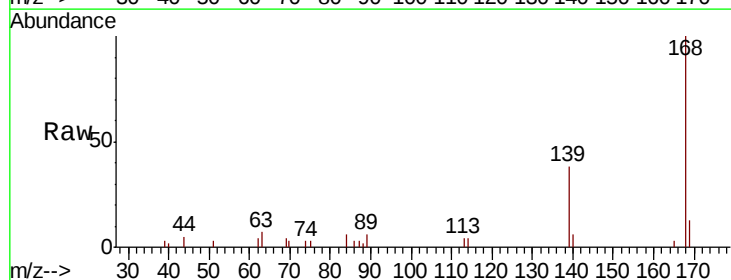
Tgt Ion:139 Resp: 9859

Ion Ratio Lower Upper

139 100

109 0.0 40.7 80.7#

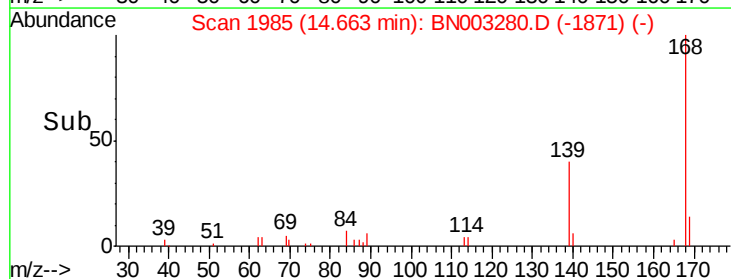
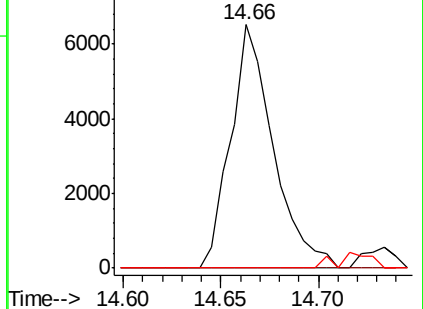
65 0.0 68.0 108.0#

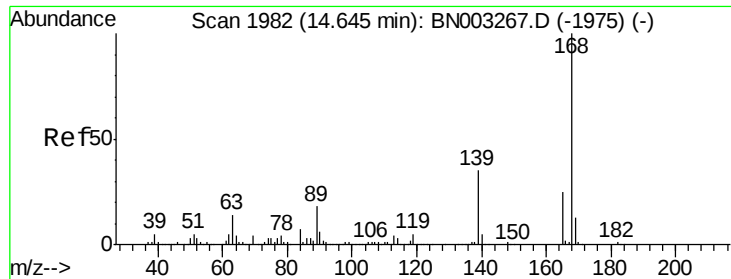


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNO

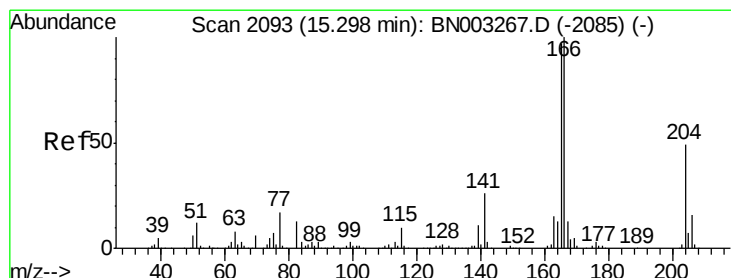
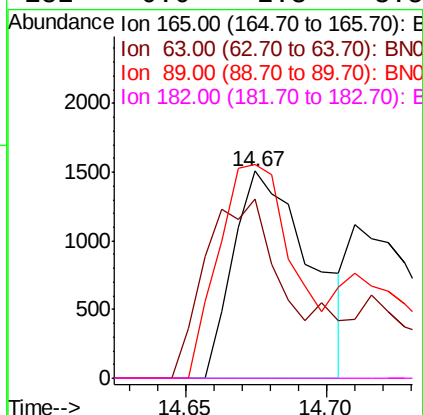
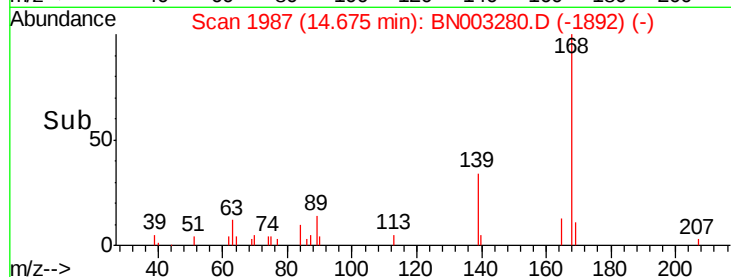
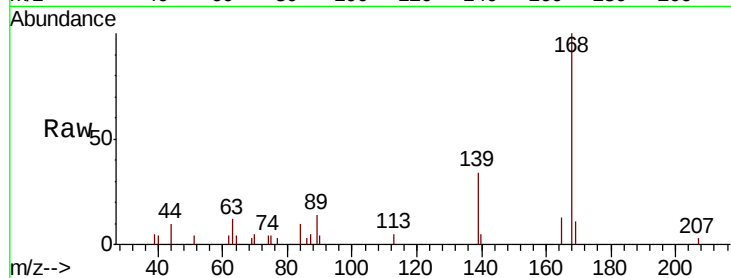




#57
 2,4-Dinitrotoluene
 Concen: 0.397 ng
 RT: 14.67 min Scan# 1987
 Delta R.T. 0.03 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

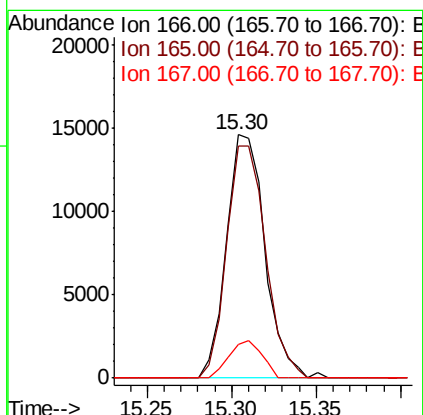
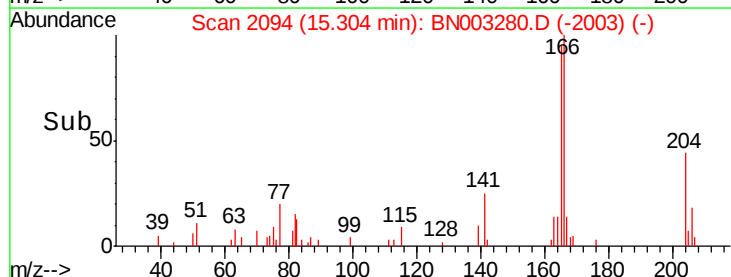
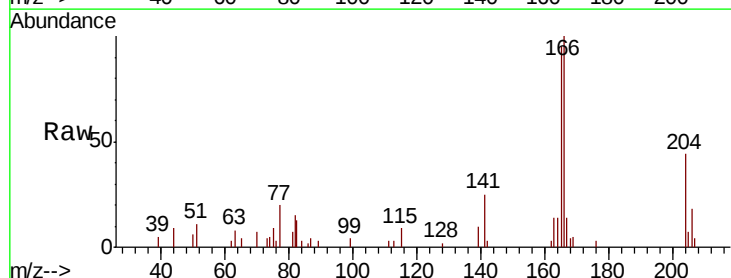
Instrument :
 BNA_N
 ClientSampled :

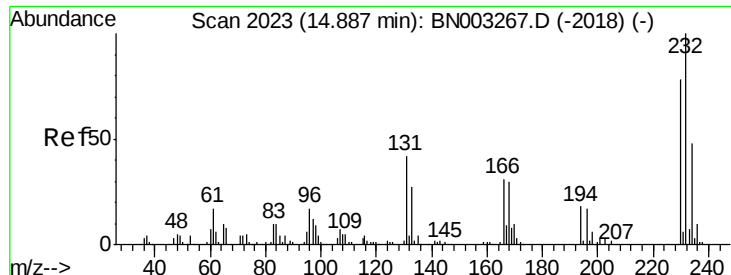
Tot Ion:165 Resp: 2847
 Ion Ratio Lower Upper
 165 100
 63 86.9 45.8 68.6#
 89 103.3 58.7 88.1#
 182 0.0 2.3 3.5#



#58
 Fluorene
 Concen: 1.064 ng
 RT: 15.30 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Tgt Ion:166 Resp: 23085
 Ion Ratio Lower Upper
 166 100
 165 95.1 77.6 116.4
 167 14.0 10.6 16.0

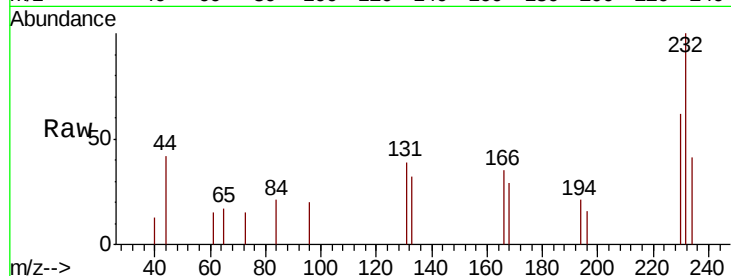




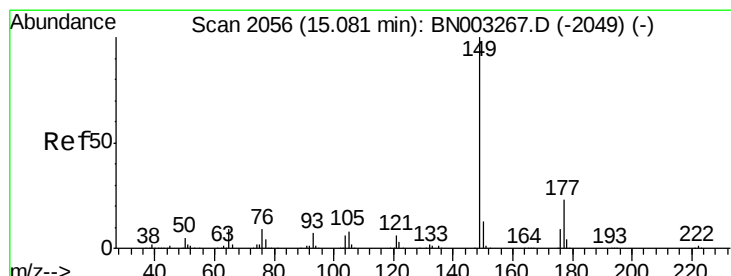
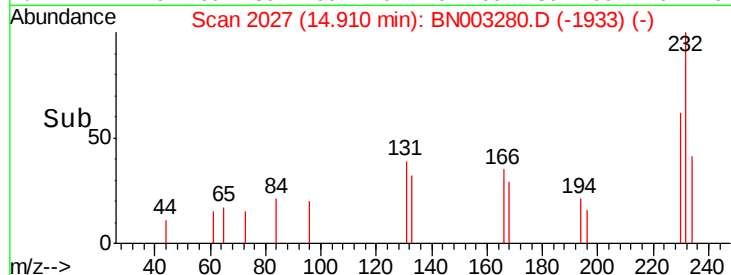
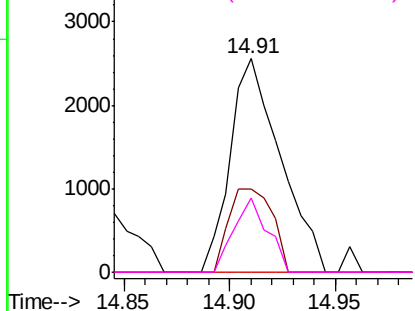
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.767 ng
 RT: 14.91 min Scan# 2027
 Delta R.T. 0.02 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:232 Resp: 4228
 Ion Ratio Lower Upper
 232 100
 131 33.8 33.7 50.5
 130 0.0 1.6 2.4#
 166 23.0 24.3 36.5#

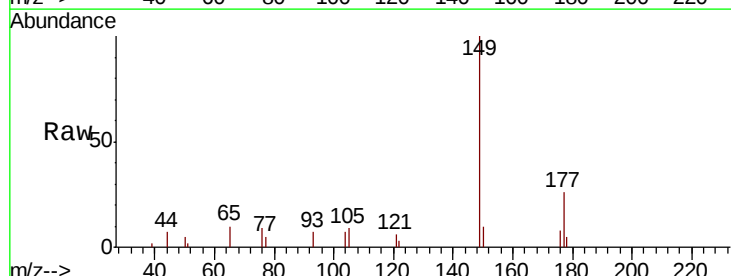


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

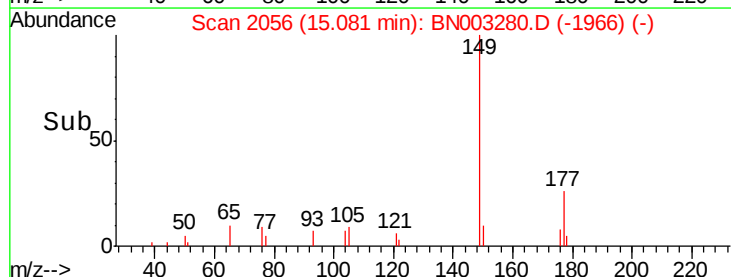
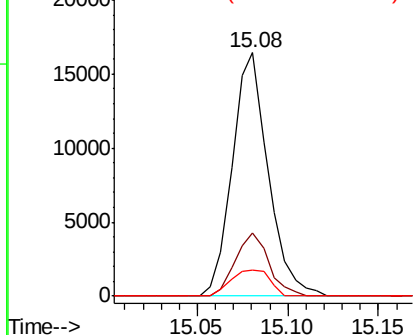


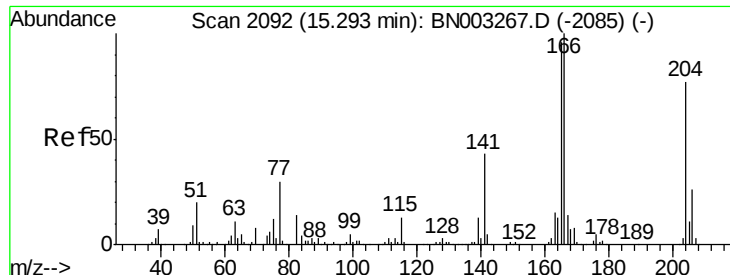
#60
 Diethylphthalate
 Concen: 0.955 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Tgt Ion:149 Resp: 22555
 Ion Ratio Lower Upper
 149 100
 177 25.8 18.6 28.0
 150 10.5 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

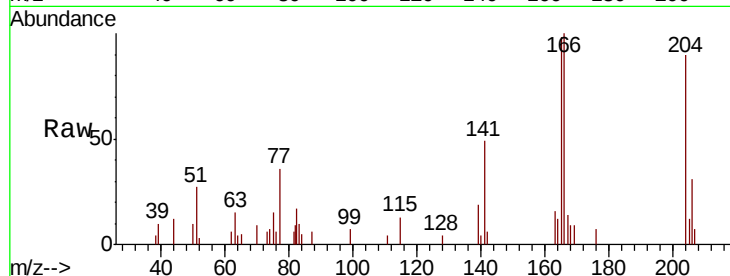




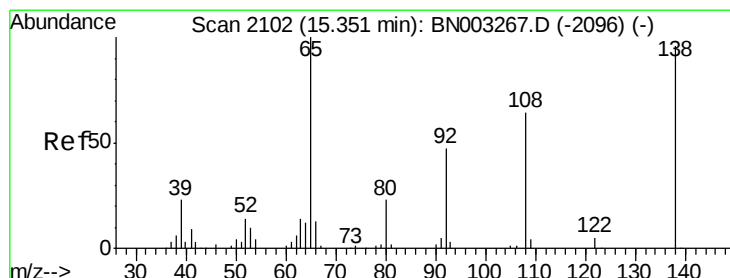
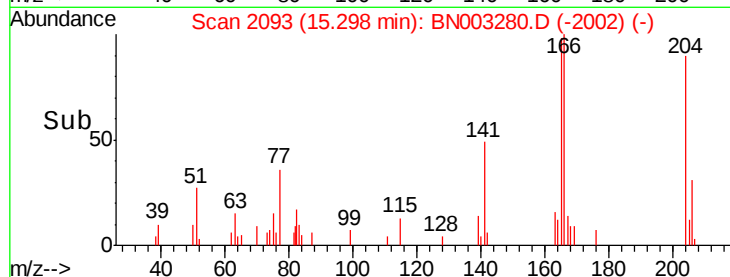
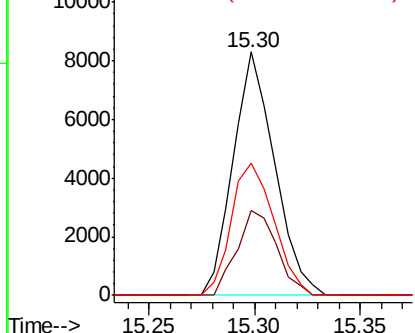
#61
4-Chlorophenyl-phenylether
Concen: 0.937 ng
RT: 15.30 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Instrument :
BNA_N
ClientSampled :

Tot Ion:204 Resp: 11299
Ion Ratio Lower Upper
204 100
206 34.9 26.6 39.8
141 54.2 44.6 67.0

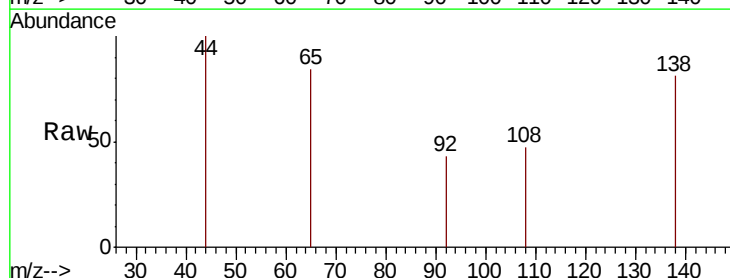


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

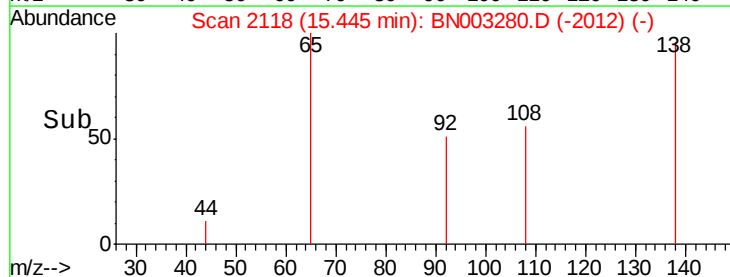
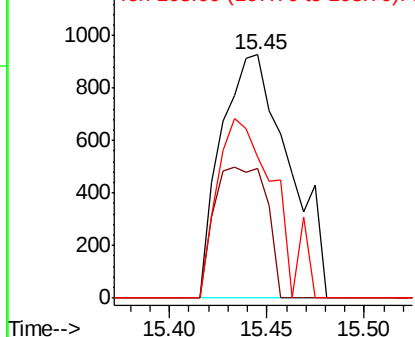


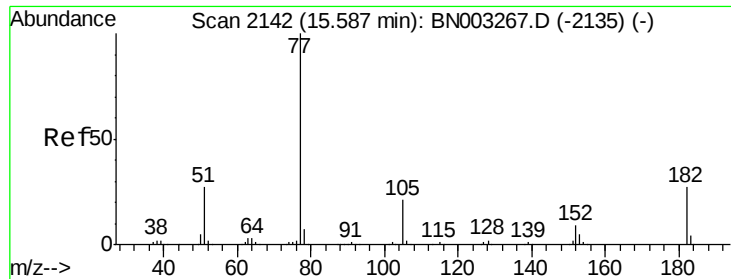
#62
4-Nitroaniline
Concen: 0.402 ng
RT: 15.45 min Scan# 2118
Delta R.T. 0.09 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion:138 Resp: 2219
Ion Ratio Lower Upper
138 100
92 53.1 27.9 67.9
108 58.0 46.3 86.3



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

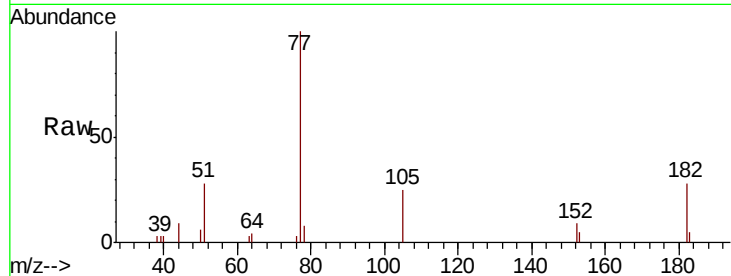




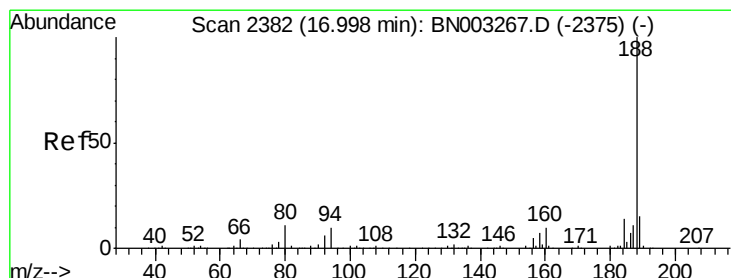
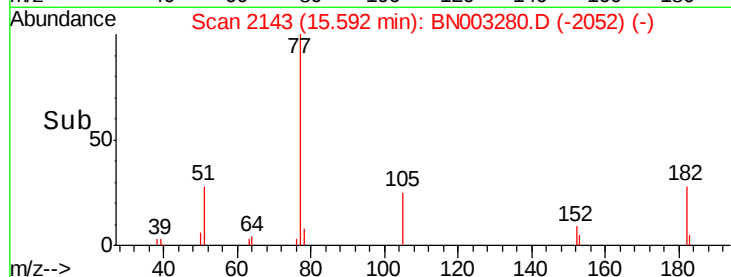
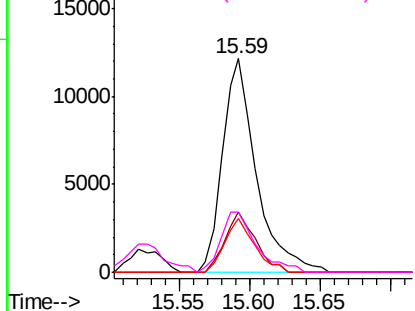
#63
Azobenzene
Concen: 0.928 ng
RT: 15.59 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 77 Resp: 20259
Ion Ratio Lower Upper
77 100
182 28.2 6.5 46.5
105 24.9 1.0 41.0
51 28.1 7.0 47.0

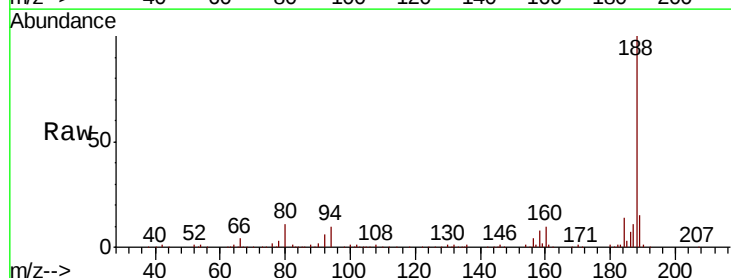


Abundance Ion 77.00 (76.70 to 77.70): BN003267.D (-2135) (-)
Ion 182.00 (181.70 to 182.70): BN003280.D (-2292) (-)
Ion 105.00 (104.70 to 105.70): BN003280.D (-2292) (-)
Ion 51.00 (50.70 to 51.70): BN003280.D (-2292) (-)

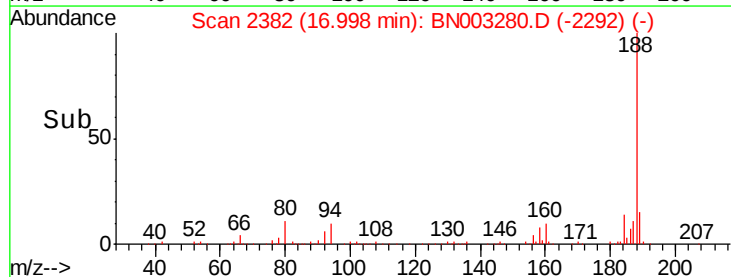
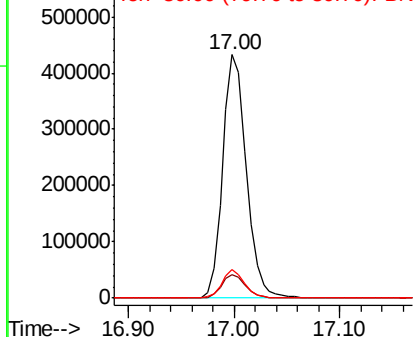


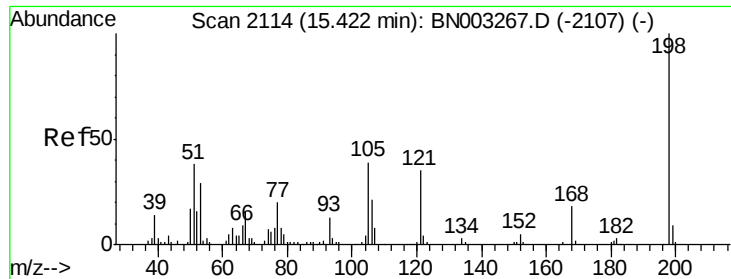
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion: 188 Resp: 673907
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 11.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BN003267.D (-2375) (-)
Ion 94.00 (93.70 to 94.70): BN003280.D (-2292) (-)
Ion 80.00 (79.70 to 80.70): BN003280.D (-2292) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 0.205 ng

RT: 15.52 min Scan# 2131

Delta R.T. 0.10 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampleId :

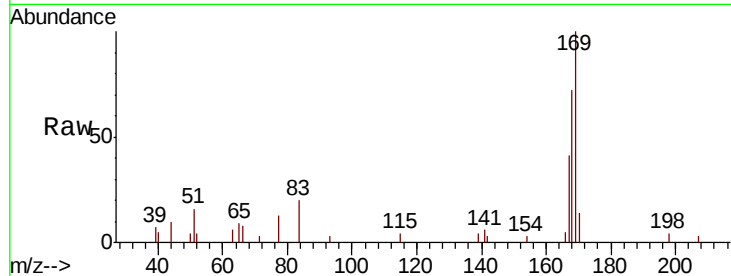
Tot Ion:198 Resp: 963

Ion Ratio Lower Upper

198 100

51 364.9 19.2 59.2#

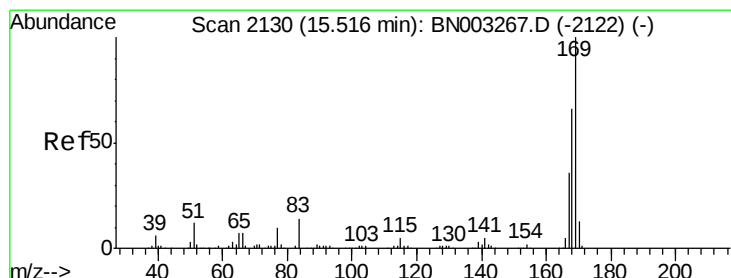
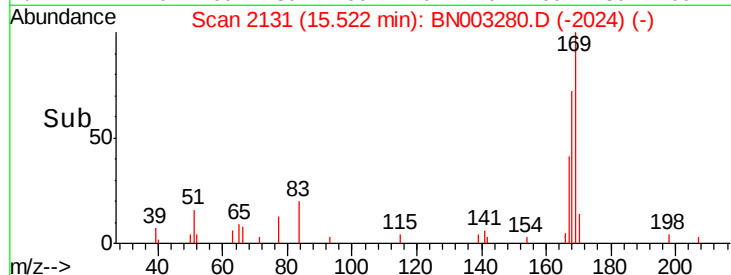
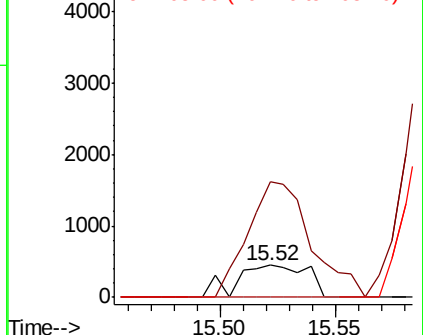
105 0.0 18.9 58.9#



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: 0.901 ng

RT: 15.53 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

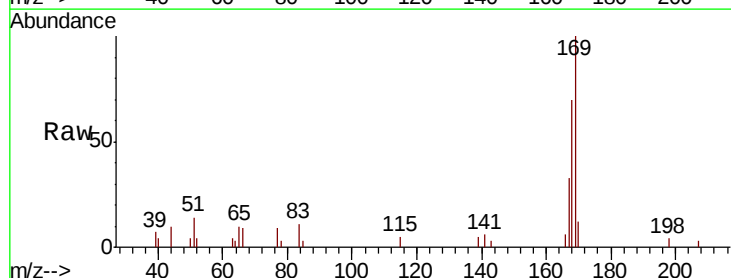
Tgt Ion:169 Resp: 19005

Ion Ratio Lower Upper

169 100

168 69.5 53.3 79.9

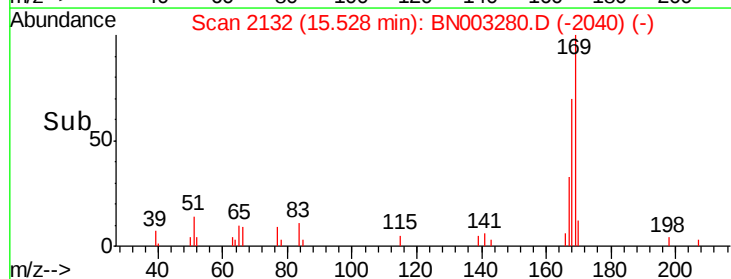
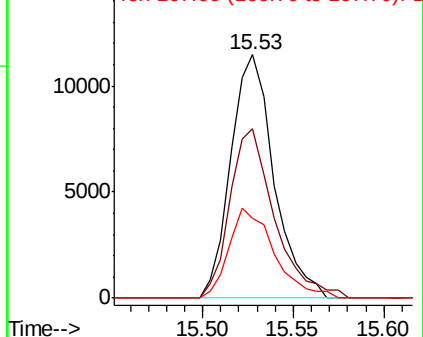
167 32.8 28.6 43.0

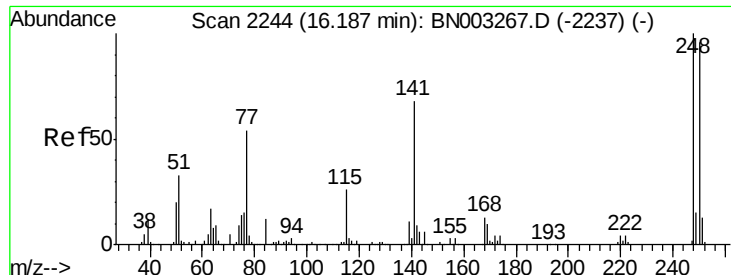


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

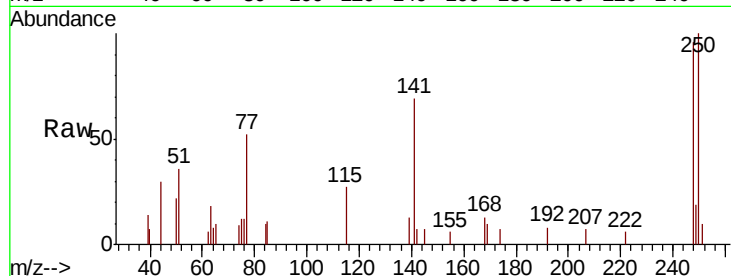




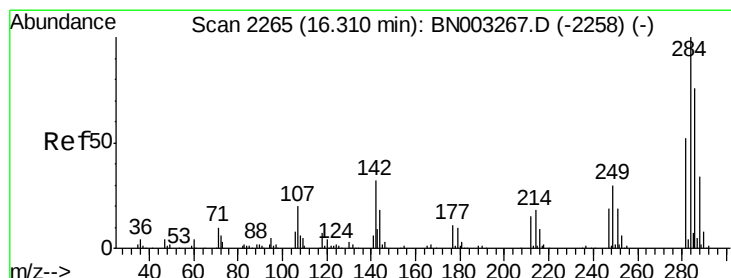
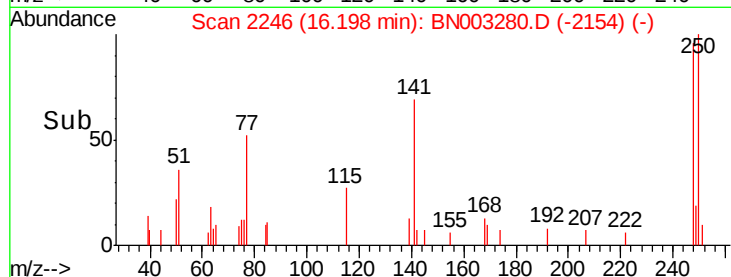
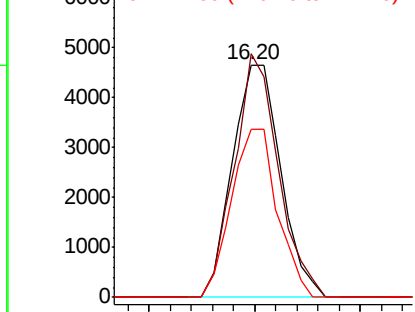
#67
4-Bromophenyl-phenylether
Concen: 0.975 ng
RT: 16.20 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 7403
Ion Ratio Lower Upper
248 100
250 104.6 76.4 114.6
141 72.0 54.2 81.4

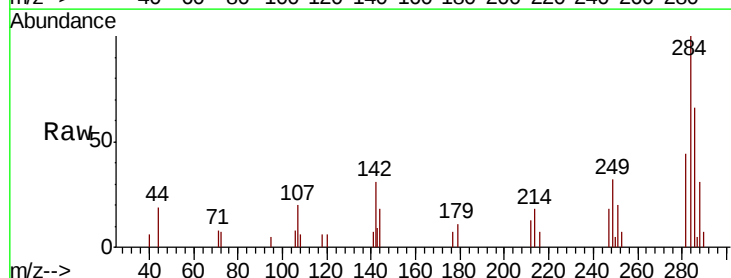


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

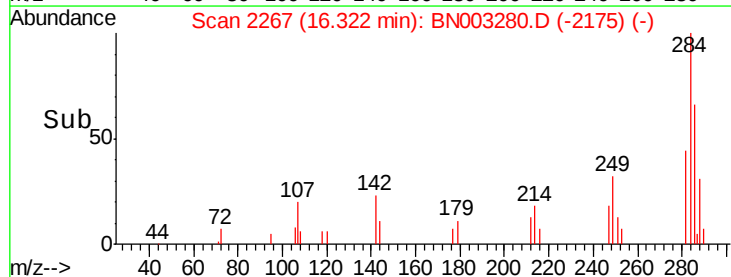
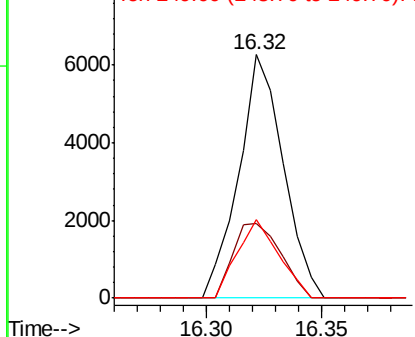


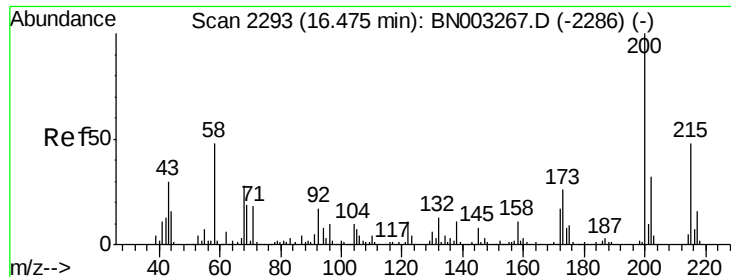
#68
Hexachlorobenzene
Concen: 0.975 ng
RT: 16.32 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion:284 Resp: 8429
Ion Ratio Lower Upper
284 100
142 30.9 25.6 38.4
249 32.4 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: 0.815 ng

RT: 16.49 min Scan# 2296

Delta R.T. 0.02 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampleId :

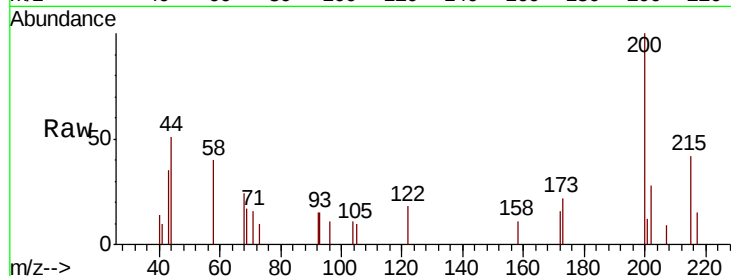
Tot Ion:200 Resp: 6091

Ion Ratio Lower Upper

200 100

173 21.7 6.3 46.3

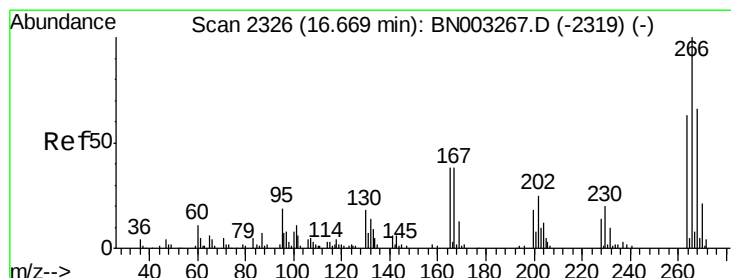
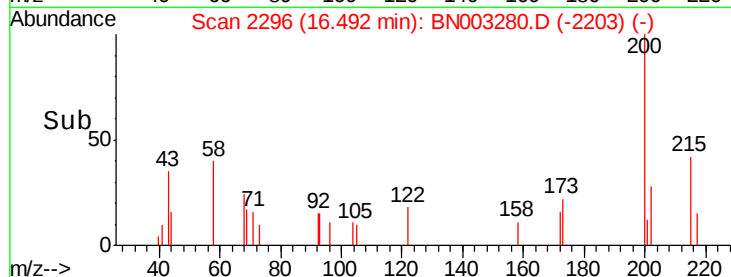
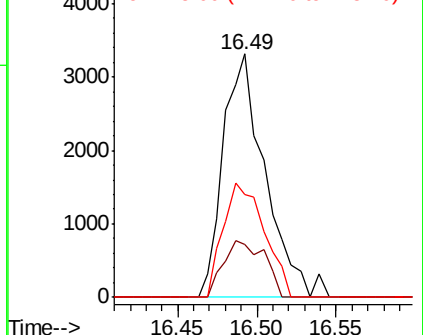
215 42.0 27.6 67.6



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



#70

Pentachlorophenol

Concen: 6.587 ng

RT: 16.72 min Scan# 2334

Delta R.T. 0.05 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

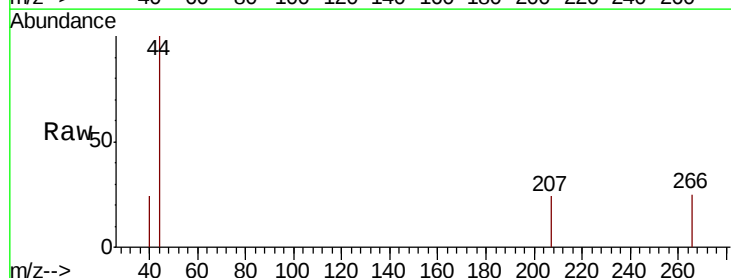
Tgt Ion:266 Resp: 261

Ion Ratio Lower Upper

266 100

268 0.0 52.5 78.7#

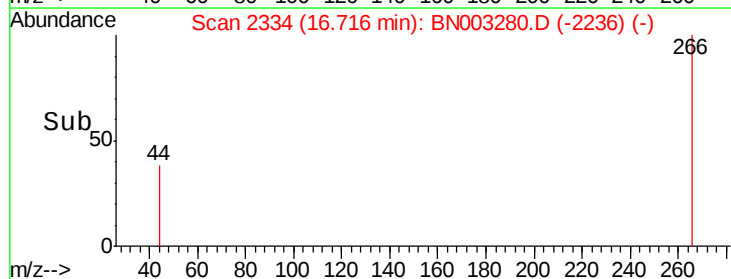
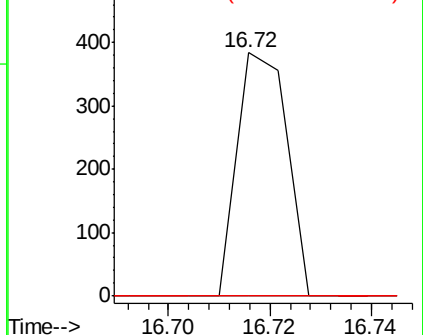
264 0.0 50.3 75.5#

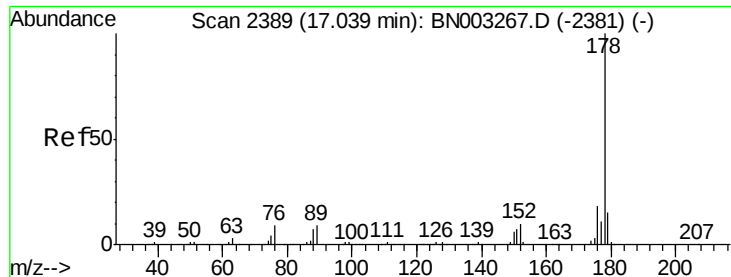


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

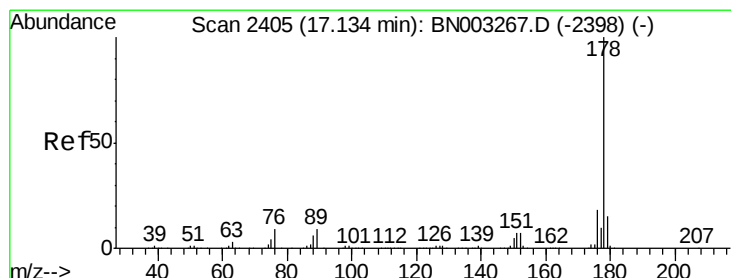
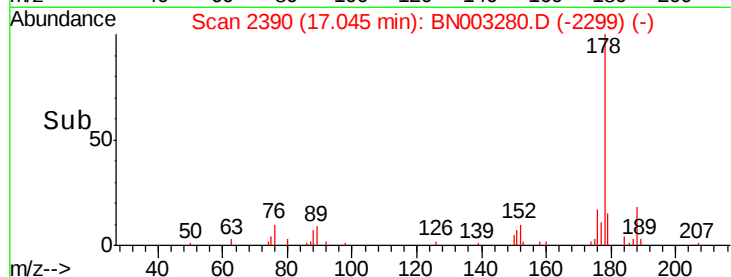
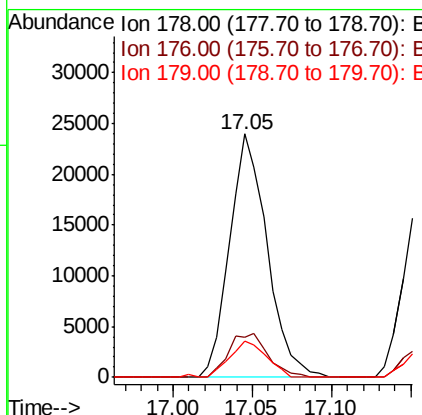
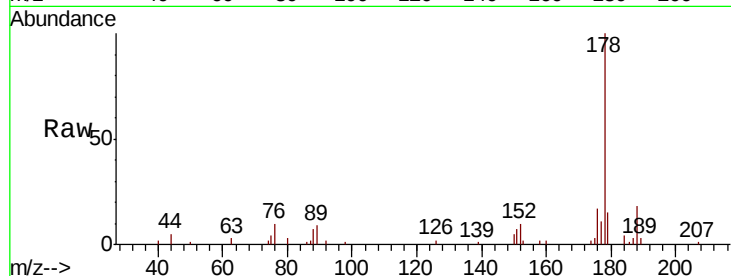




#71
Phenanthrene
Concen: 1.113 ng
RT: 17.05 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

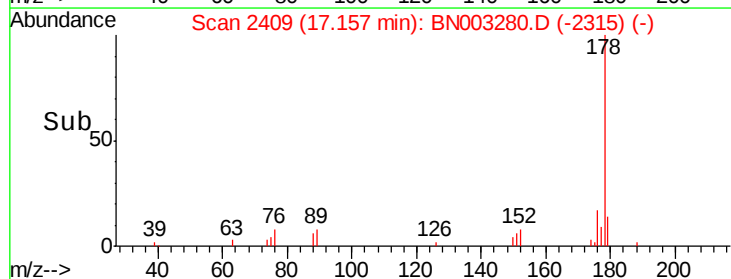
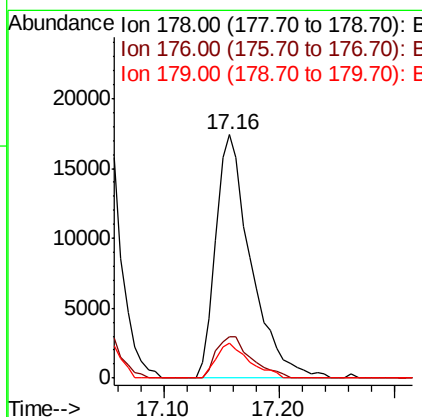
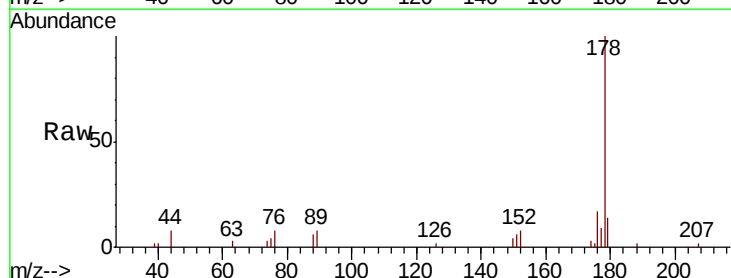
Instrument :
BNA_N
ClientSampleId :

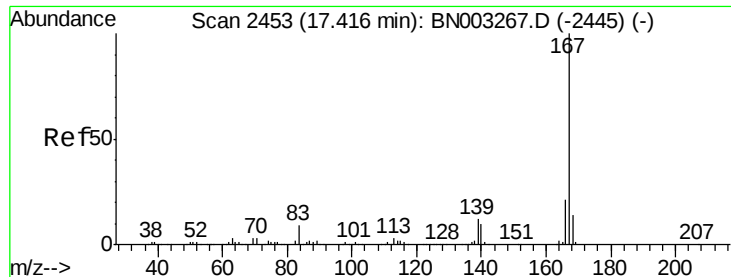
Tot Ion:178 Resp: 39429
Ion Ratio Lower Upper
178 100
176 16.6 14.4 21.6
179 15.1 12.2 18.4



#72
Anthracene
Concen: 1.040 ng
RT: 17.16 min Scan# 2409
Delta R.T. 0.02 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion:178 Resp: 36751
Ion Ratio Lower Upper
178 100
176 17.0 14.3 21.5
179 14.4 12.1 18.1

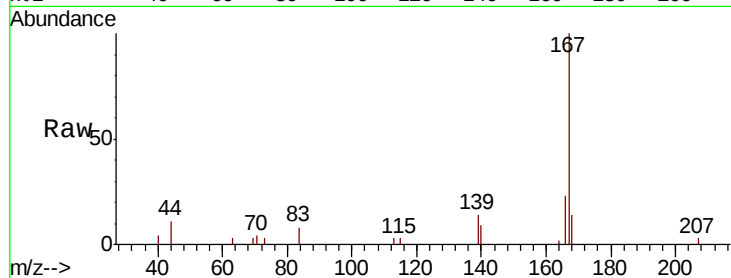




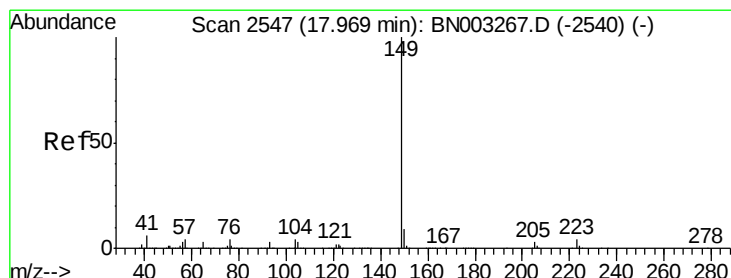
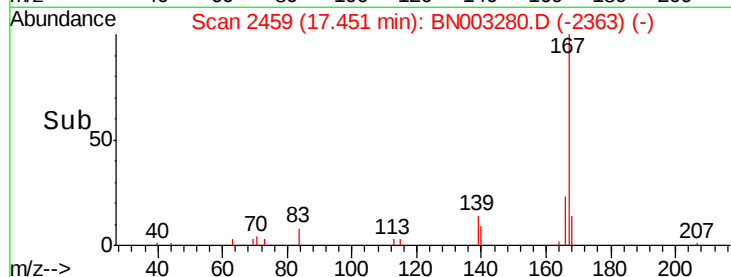
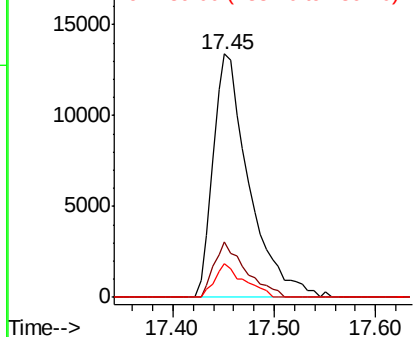
#73
 Carbazole
 Concen: 0.900 ng
 RT: 17.45 min Scan# 2459
 Delta R.T. 0.04 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:167 Resp: 32932
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.0 25.6
 139 13.9 9.9 14.9

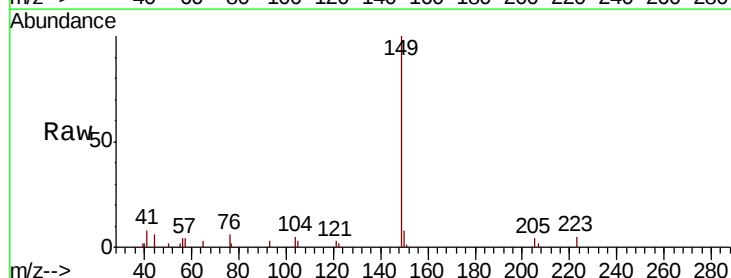


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

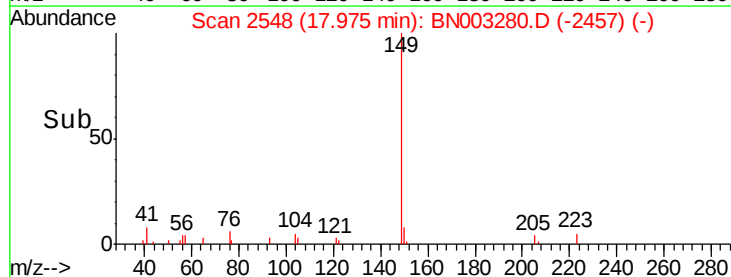
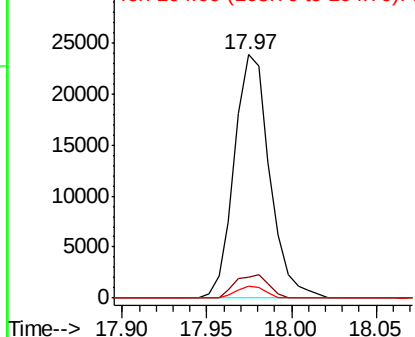


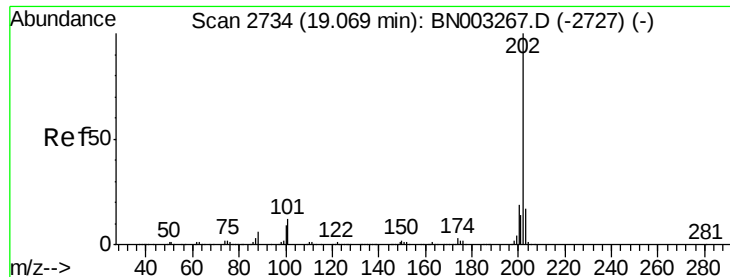
#74
 Di-n-butylphthalate
 Concen: 0.819 ng
 RT: 17.97 min Scan# 2548
 Delta R.T. 0.01 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Tgt Ion:149 Resp: 34971
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.2 10.8
 104 5.1 3.6 5.4



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





#75

Fluoranthene

Concen: 1.053 ng

RT: 19.09 min Scan# 2737

Delta R.T. 0.02 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampleId :

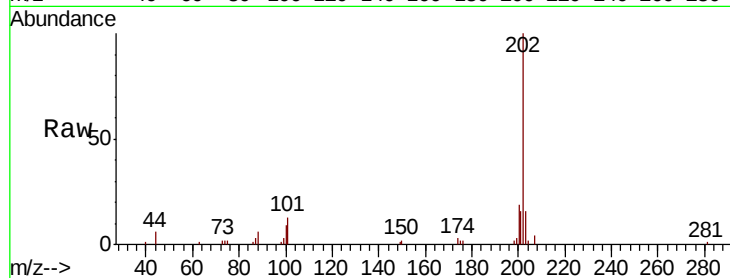
Tot Ion:202 Resp: 43972

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.3

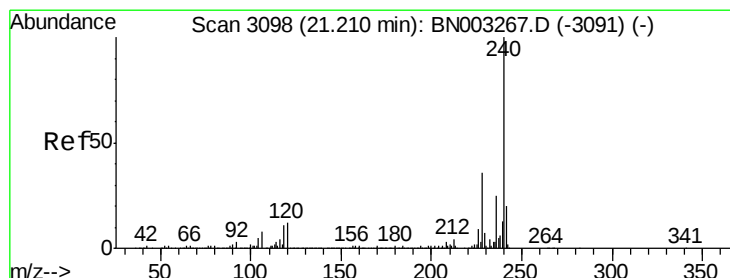
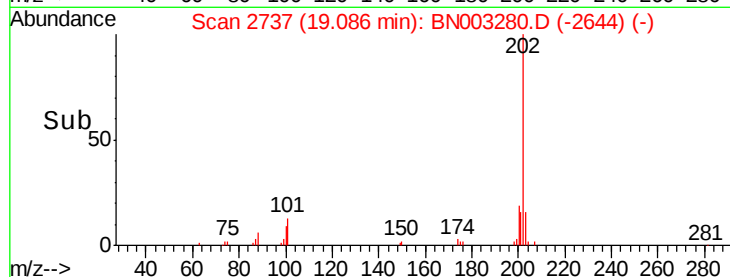
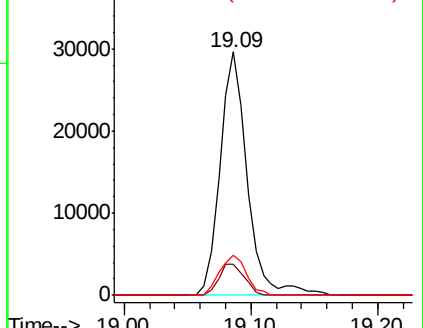
203 16.3 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

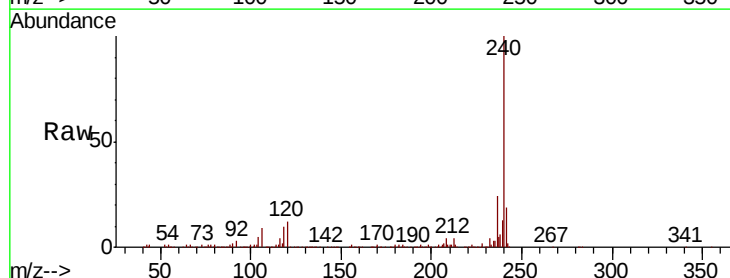
Tgt Ion:240 Resp: 766107

Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.0

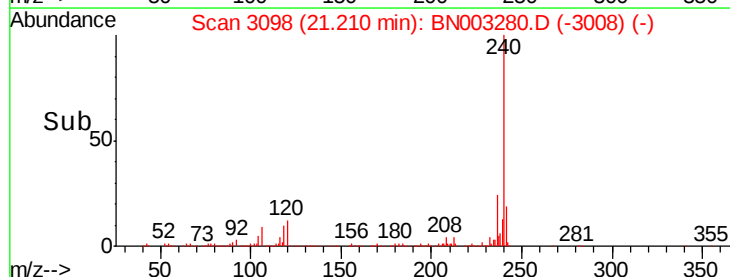
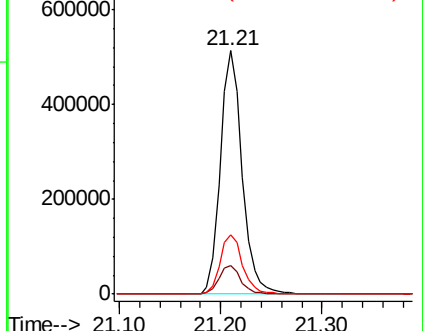
236 24.5 20.3 30.5

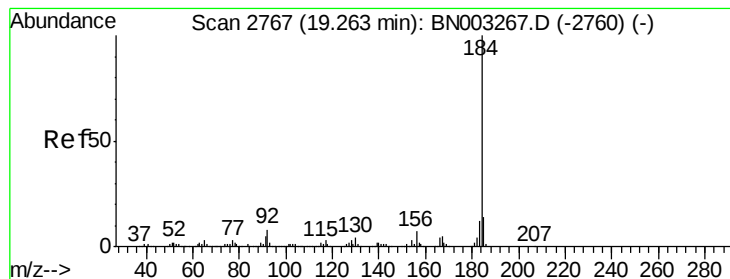


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.271 ng

RT: 19.32 min Scan# 2776

Delta R.T. 0.05 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampleId :

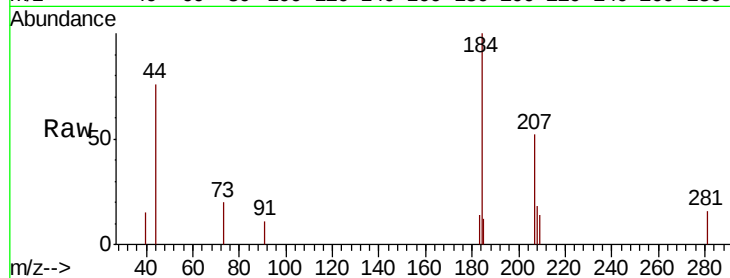
Tot Ion:184 Resp: 6076

Ion Ratio Lower Upper

184 100

185 11.9 11.5 17.3

183 13.8 9.4 14.0

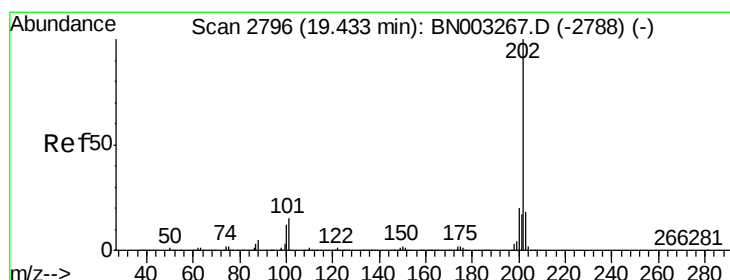
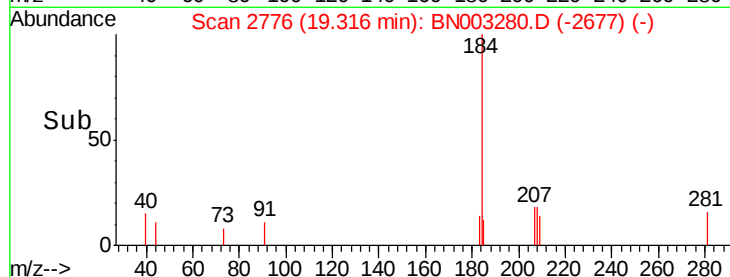
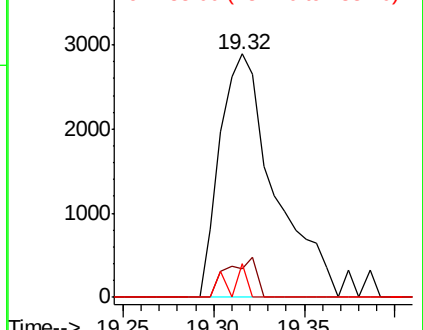


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 1.004 ng

RT: 19.45 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

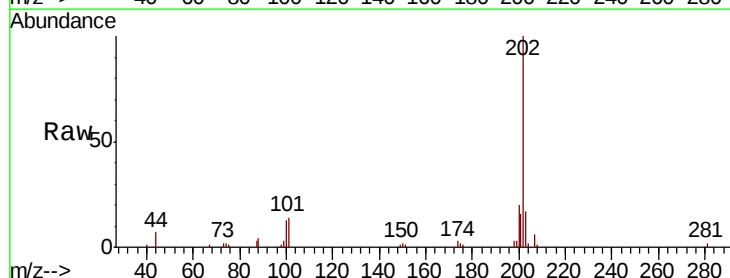
Tgt Ion:202 Resp: 45200

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.4

203 16.6 14.3 21.5

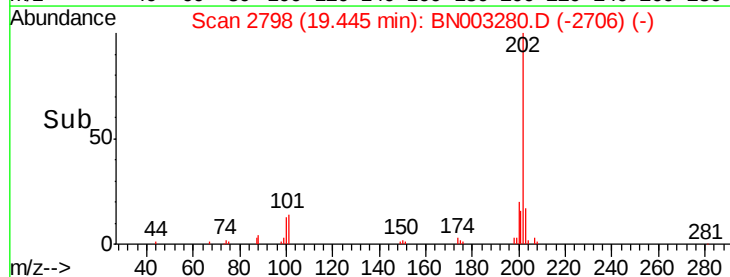
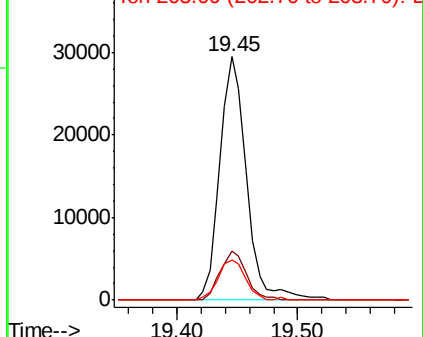


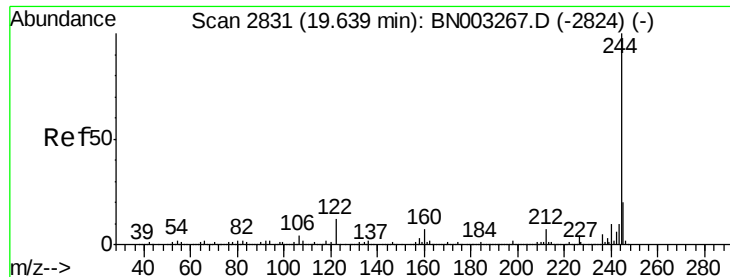
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.162 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampleId :

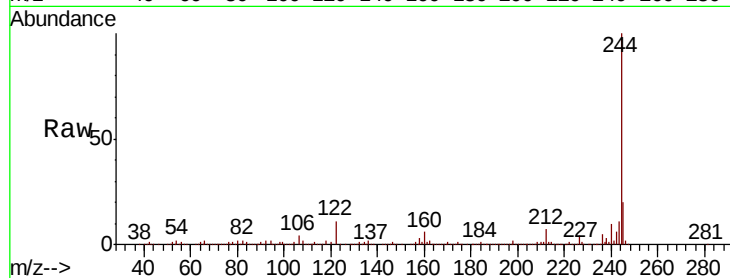
Tot Ion:244 Resp: 2800057

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

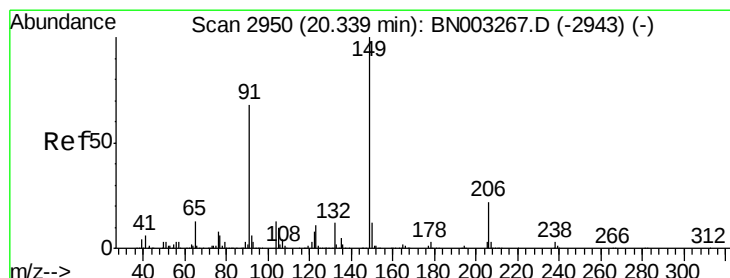
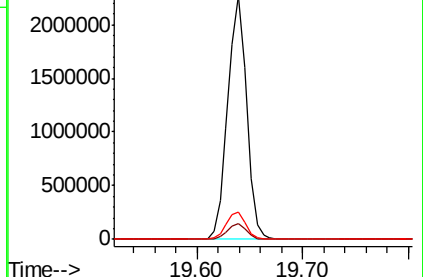
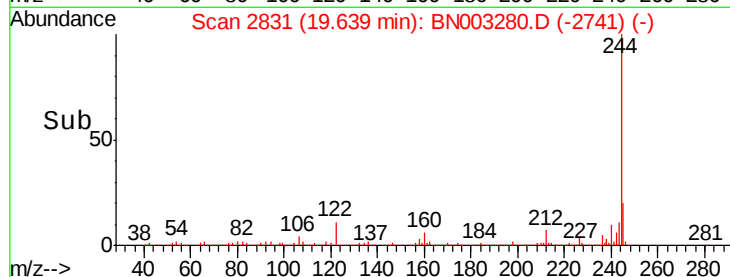
122 11.2 9.4 14.2



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: 0.811 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

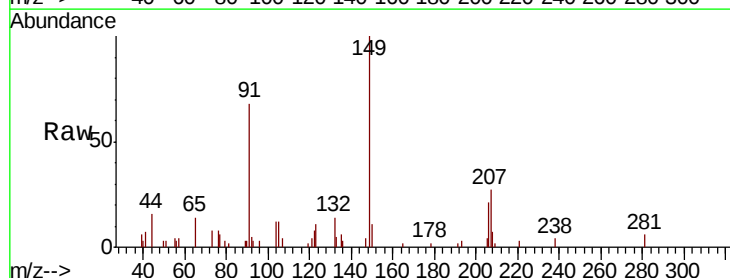
Tgt Ion:149 Resp: 16960

Ion Ratio Lower Upper

149 100

91 68.0 54.6 81.8

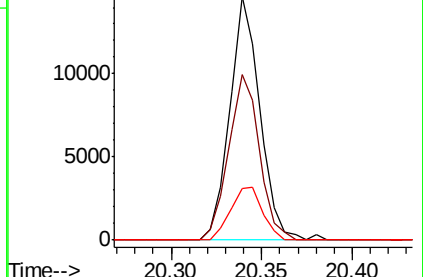
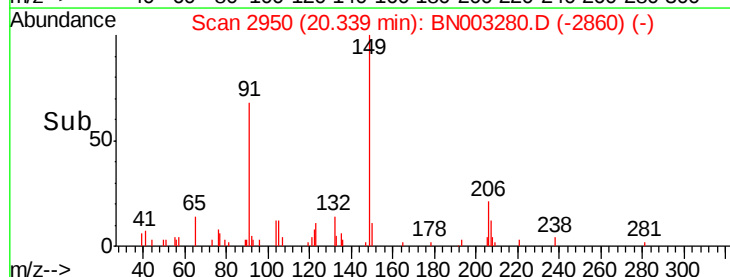
206 21.0 17.8 26.6

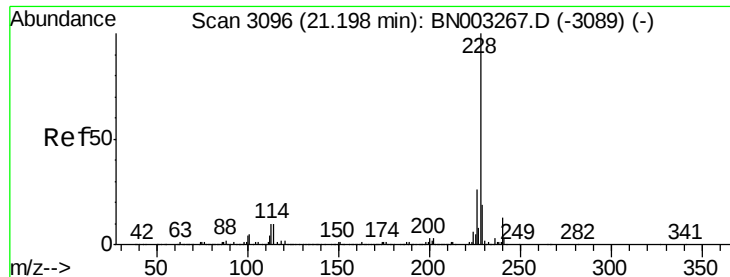


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

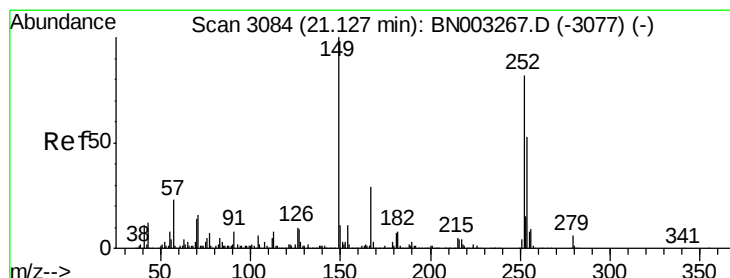
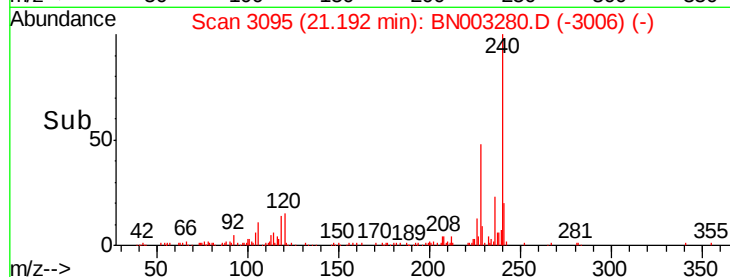
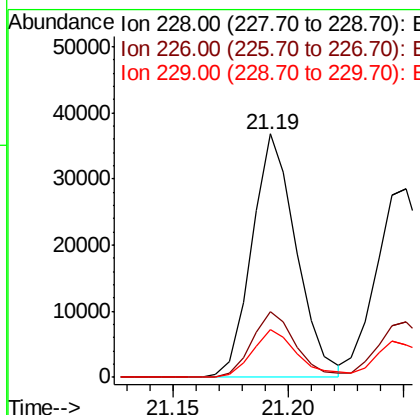
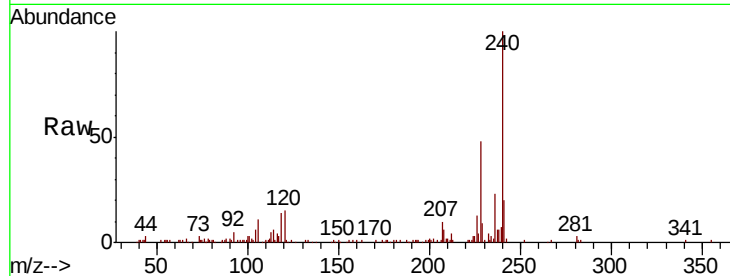




#81
Benzo(a)anthracene
Concen: 1.105 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

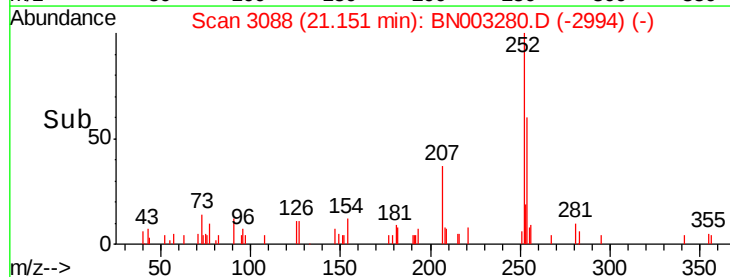
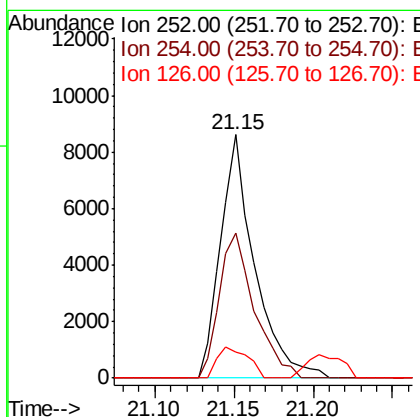
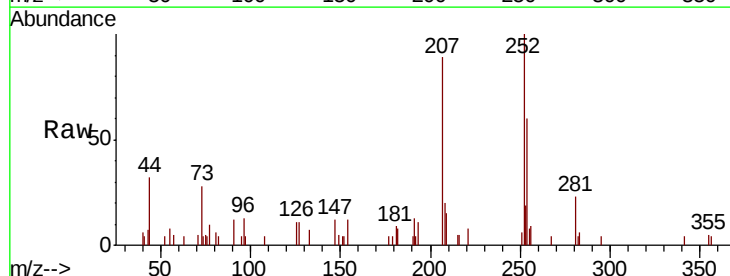
Instrument :
BNA_N
ClientSampled :

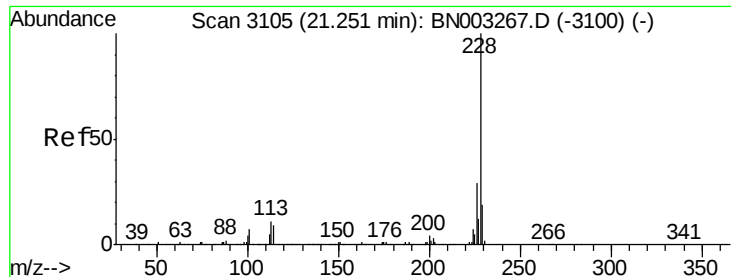
Tot Ion:228 Resp: 49281
Ion Ratio Lower Upper
228 100
226 26.8 20.8 31.2
229 19.6 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 0.698 ng
RT: 21.15 min Scan# 3088
Delta R.T. 0.02 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion:252 Resp: 12893
Ion Ratio Lower Upper
252 100
254 59.7 51.1 76.7
126 10.6 9.3 13.9

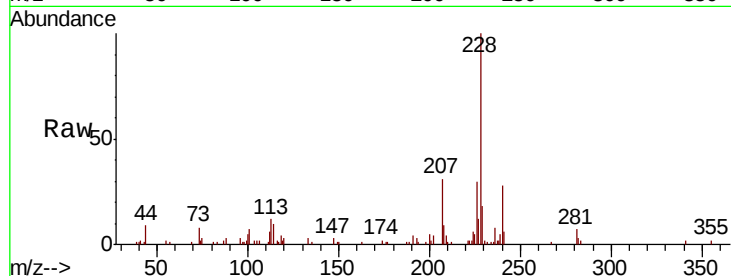




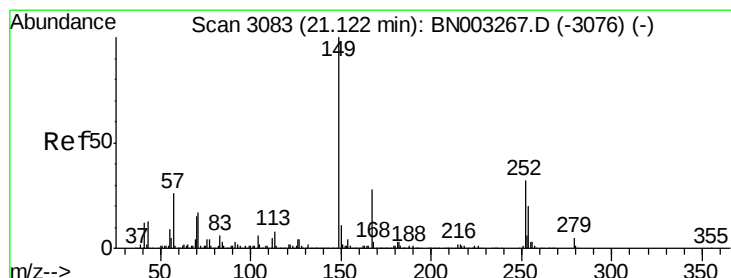
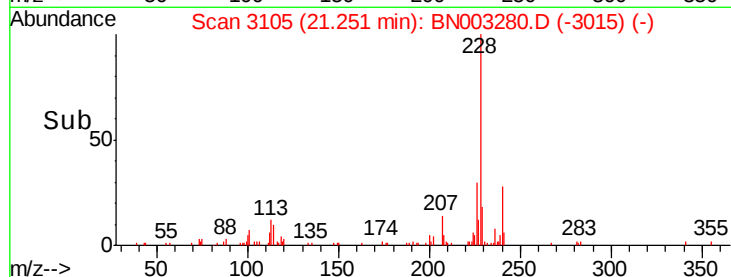
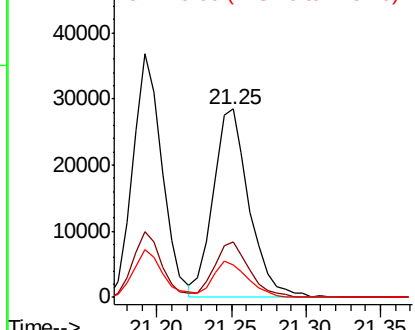
#83
 Chrysene
 Concen: 1.122 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.00 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:228 Resp: 48138
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.3 34.9
 229 17.5 15.3 22.9

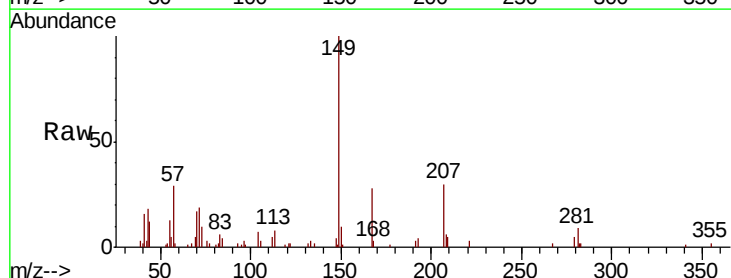


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

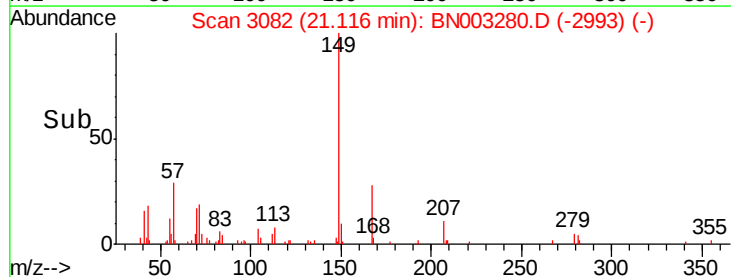
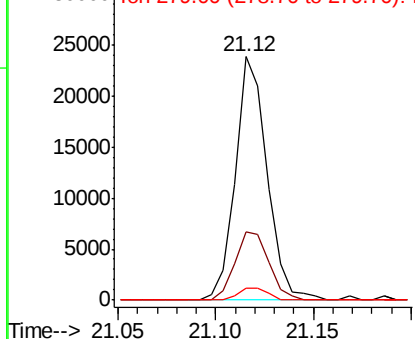


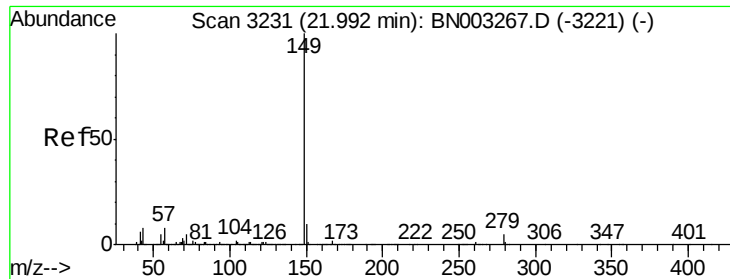
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.865 ng
 RT: 21.12 min Scan# 3082
 Delta R.T. -0.01 min
 Lab File: BN003280.D
 Acq: 24 Oct 2018 20:17

Tgt Ion:149 Resp: 26826
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.6 33.8
 279 4.7 3.8 5.8



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





#85

Di-n-octyl phthalate

Concen: 0.942 ng

RT: 21.99 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampled :

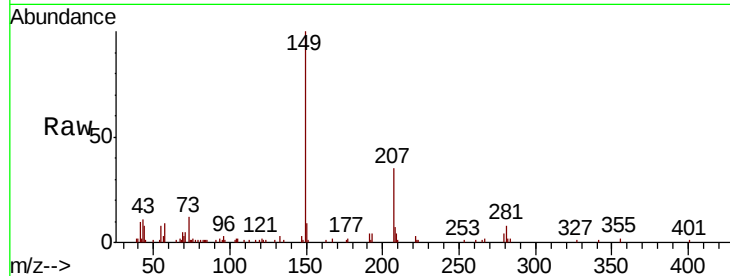
Tot Ion:149 Resp: 50098

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

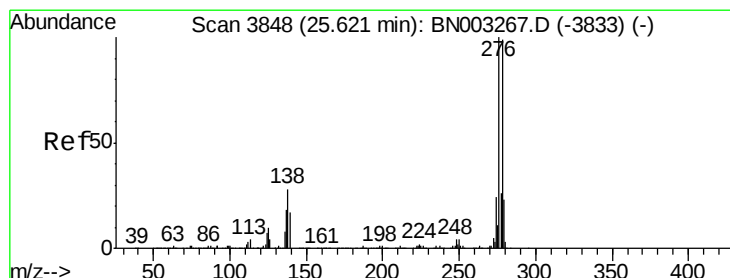
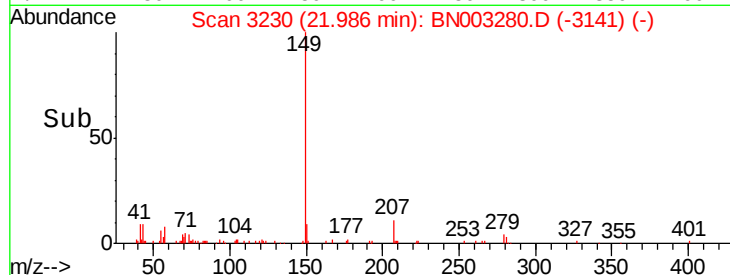
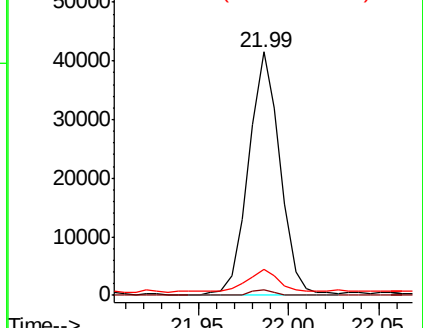
43 9.1 6.9 10.3



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): BNO



#86

Indeno(1,2,3-cd)pyrene

Concen: 1.045 ng

RT: 25.65 min Scan# 3853

Delta R.T. 0.03 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

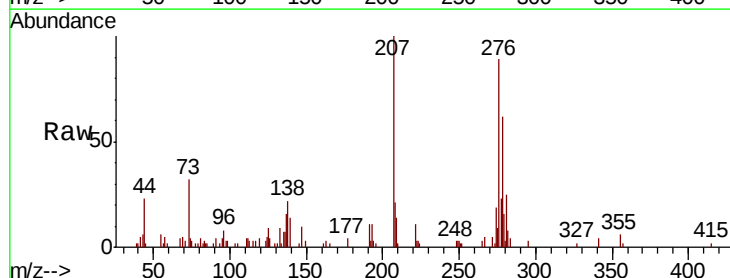
Tgt Ion:276 Resp: 51366

Ion Ratio Lower Upper

276 100

138 28.4 21.2 31.8

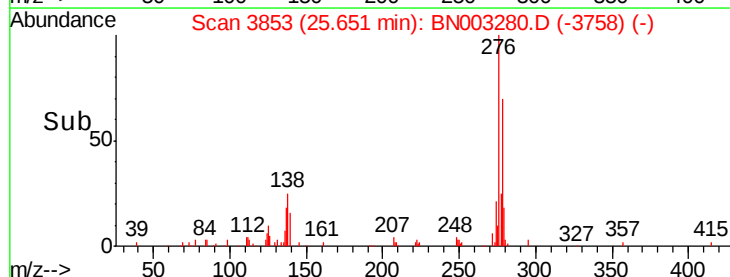
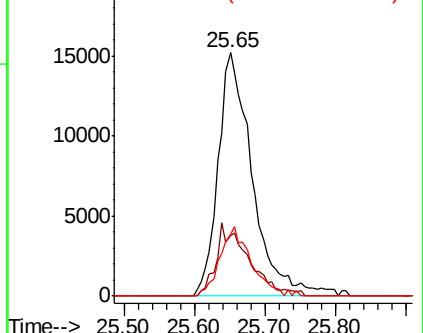
277 25.5 20.2 30.4

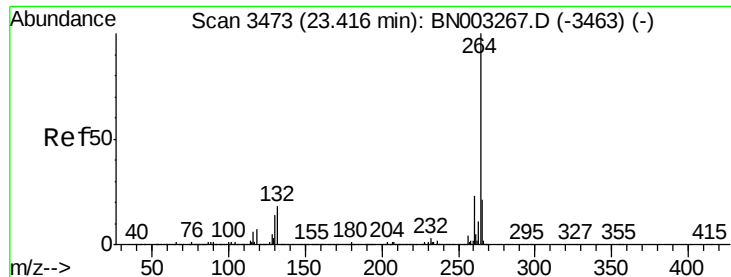


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.42 min Scan# 3473

Delta R.T. -0.00 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampled :

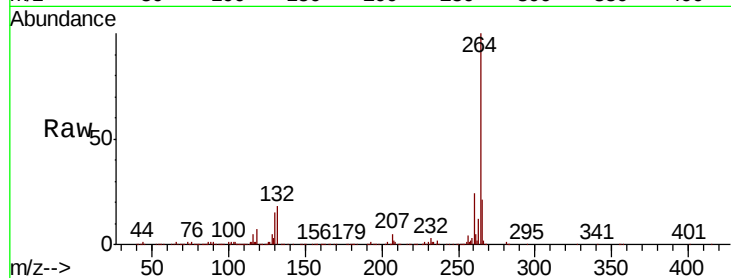
Tot Ion:264 Resp: 803475

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.0 16.6 25.0

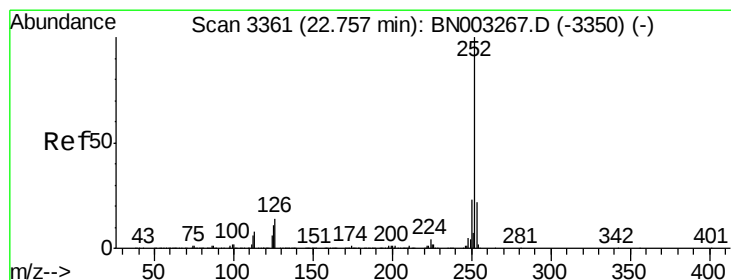
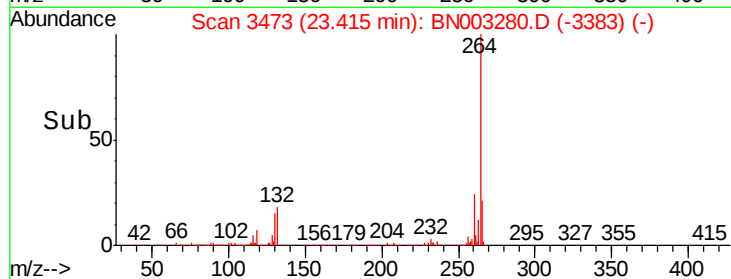
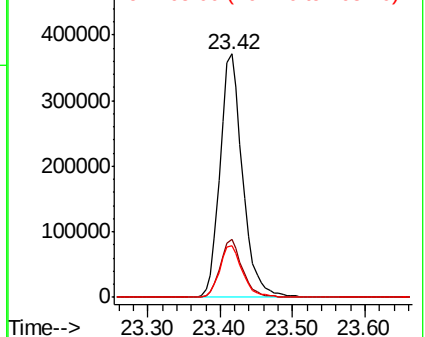


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 1.049 ng

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

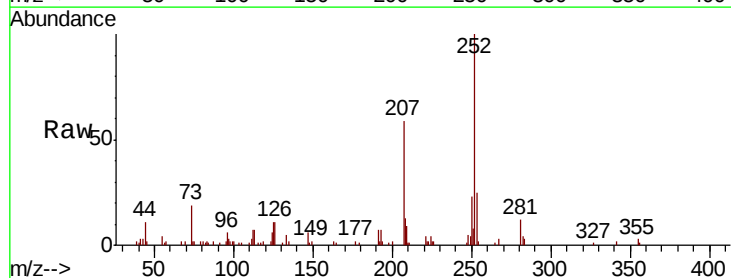
Tgt Ion:252 Resp: 46428

Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.6

125 10.9 8.6 12.8

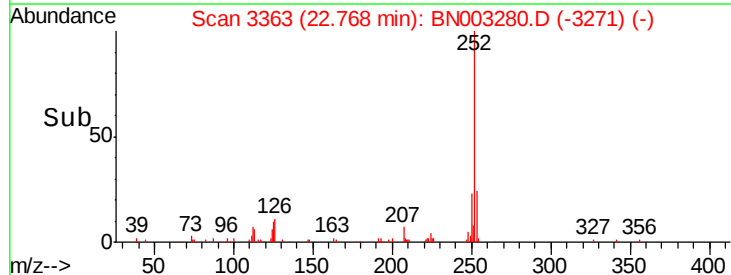
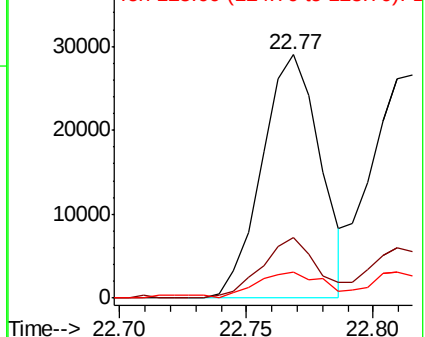


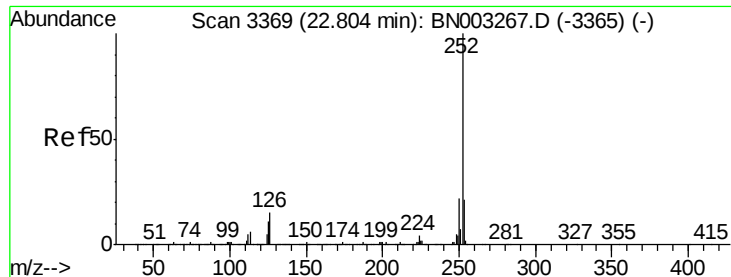
Abundance

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

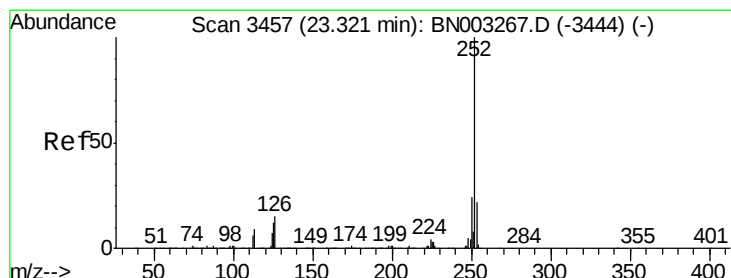
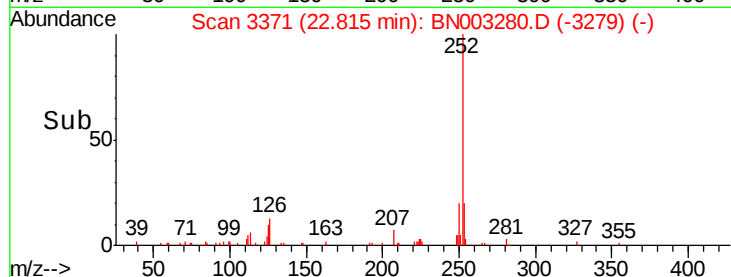
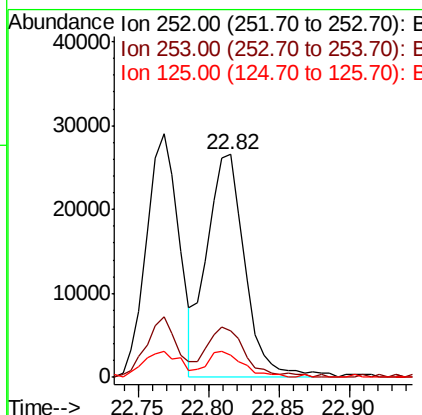
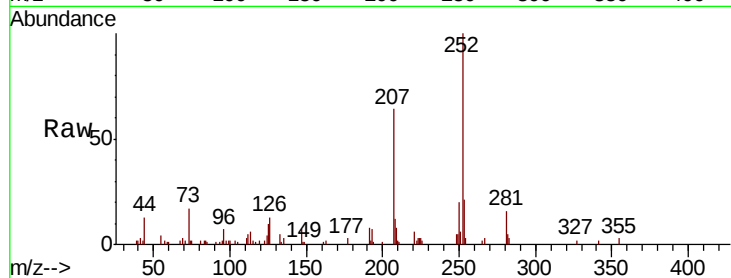




#89
Benzo(k)fluoranthene
Concen: 1.155 ng
RT: 22.82 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

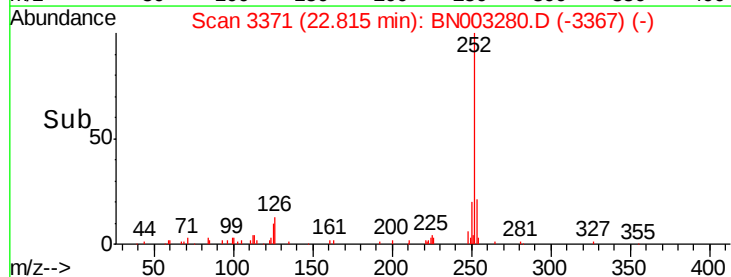
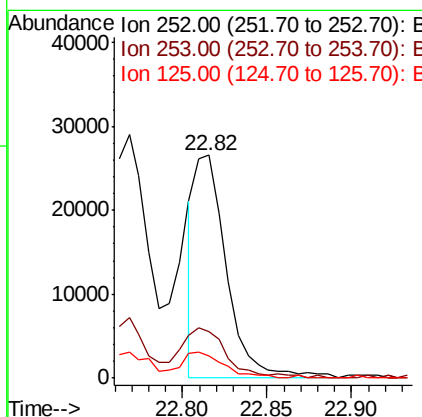
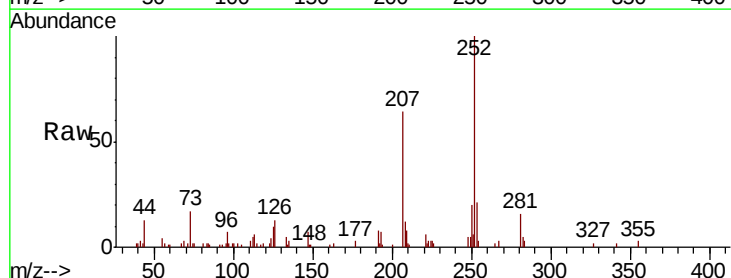
Instrument :
BNA_N
ClientSampleId :

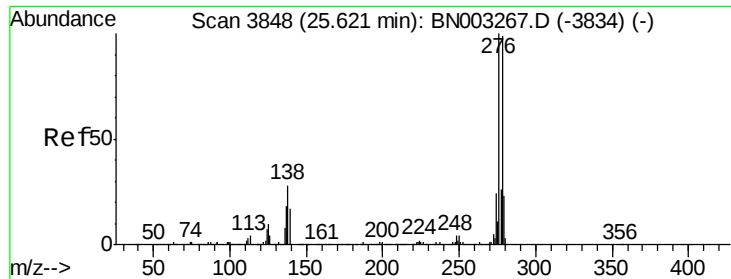
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.4	26.0
125	10.2	8.7	13.1



#90
Benzo(a)pyrene
Concen: 0.822 ng
RT: 22.82 min Scan# 3371
Delta R.T. -0.51 min
Lab File: BN003280.D
Acq: 24 Oct 2018 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.6
125	10.2	9.6	14.4





#91

Dibenzo(a,h)anthracene

Concen: 1.036 ng

RT: 25.65 min Scan# 3853

Delta R.T. 0.03 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

Instrument :

BNA_N

ClientSampled :

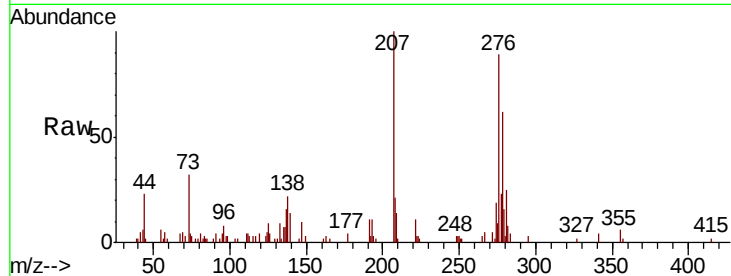
Tot Ion:278 Resp: 43227

Ion Ratio Lower Upper

278 100

139 22.7 13.9 20.9#

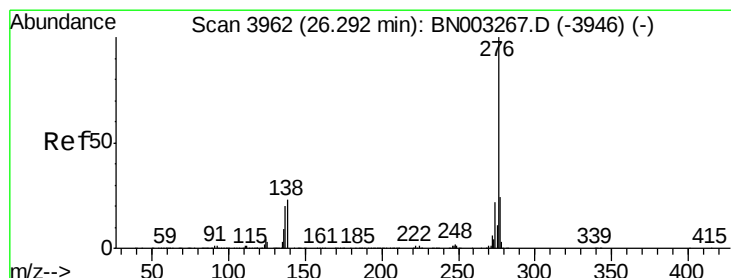
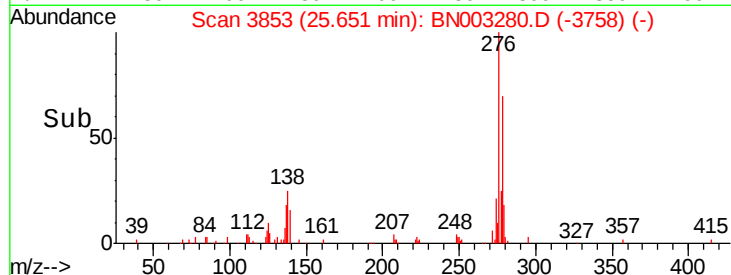
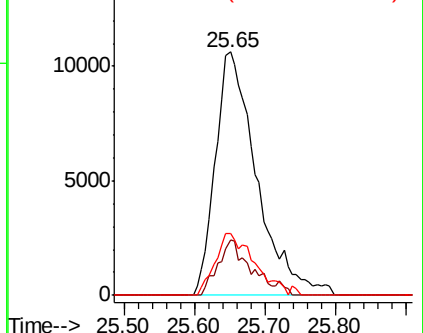
279 25.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 1.071 ng

RT: 26.34 min Scan# 3970

Delta R.T. 0.05 min

Lab File: BN003280.D

Acq: 24 Oct 2018 20:17

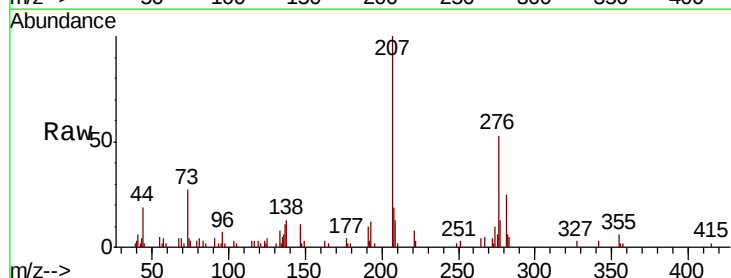
Tgt Ion:276 Resp: 42906

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 24.7 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

