

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000269.D
 Acq On : 06 Mar 2018 18:17
 Operator : JU/SJ
 Sample : J1699-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 07 04:31:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	299950	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1442743	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	807391	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1671995	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1629197	20.00	ng	-0.03
86) Perylene-d12	24.37	264	1610503	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.93	112	1388009	75.42	ng	-0.02
7) Phenol-d6	7.58	99	2012375	72.18	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1164489	47.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	521249	65.22	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	2439897	42.59	ng	-0.03
78) Terphenyl-d14	20.33	244	2969057	49.21	ng	-0.03

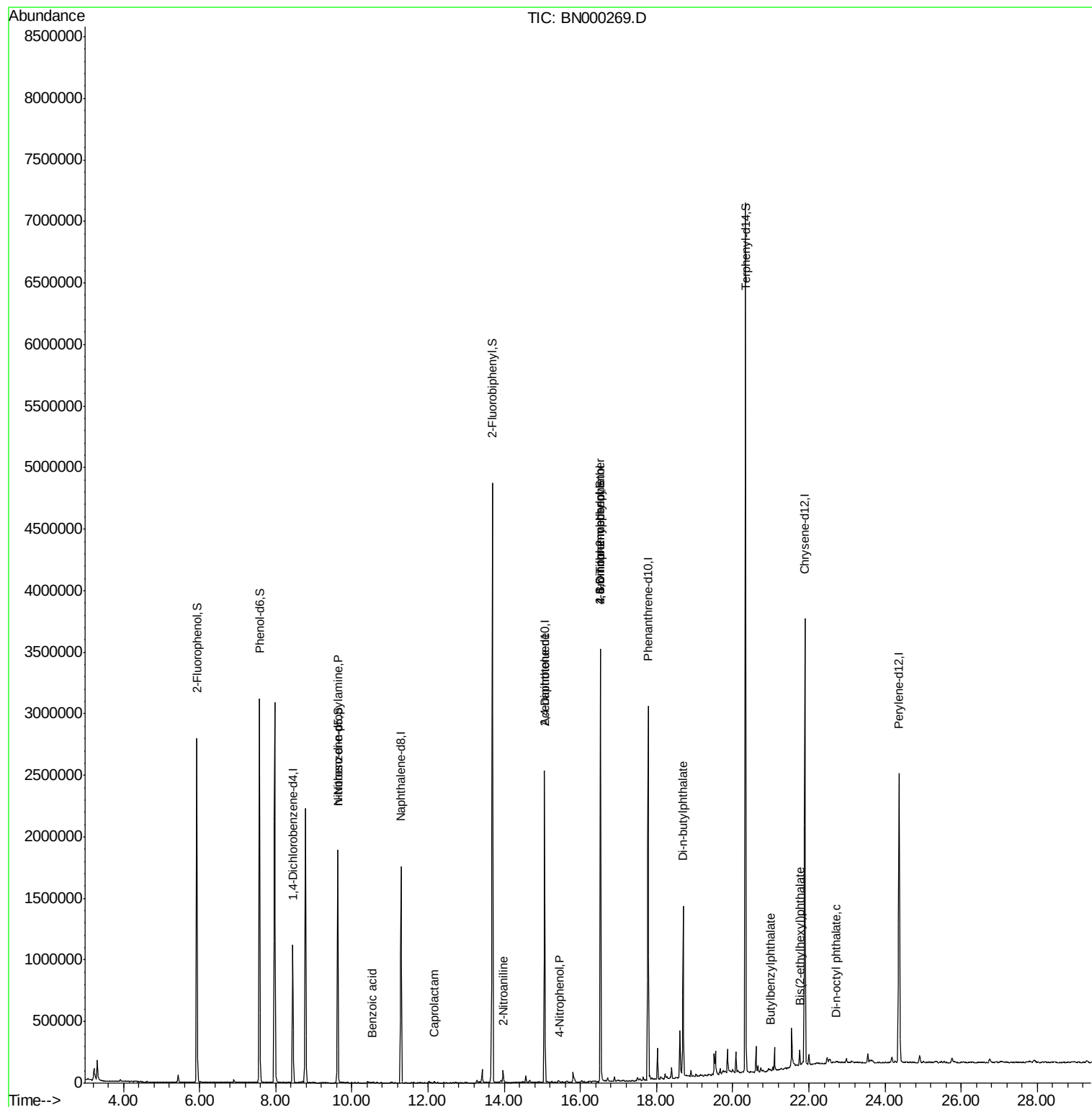
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.63	70	146603	7.848	ng	# 68
32) Benzoic acid	10.53	122	496	10.567	ng	# 69
35) Caprolactam	12.16	113	1914	4.218	ng	# 98
47) 2-Nitroaniline	13.97	65	3327	5.069	ng	# 23
55) 4-Nitrophenol	15.45	139	646	5.020	ng	# 1
56) 2,4-Dinitrotoluene	15.06	165	102191	8.860	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.53	198	1661	8.879	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	36868	2.319	ng	# 1
73) Di-n-butylphthalate	18.70	149	953409	8.964	ng	# 99
79) Butylbenzylphthalate	21.00	149	749	5.389	ng	# 31
83) Bis(2-ethylhexyl)phthalate	21.76	149	40952	3.431	ng	# 94
84) Di-n-octyl phthalate	22.73	149	482	6.734	ng	# 74

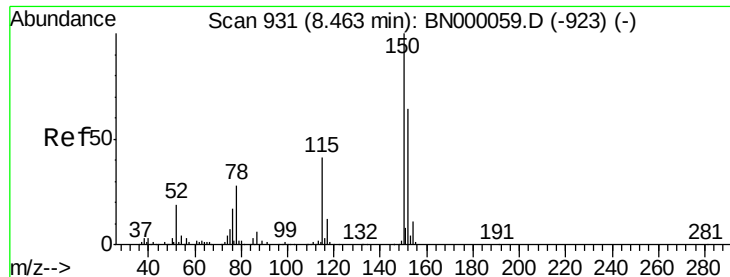
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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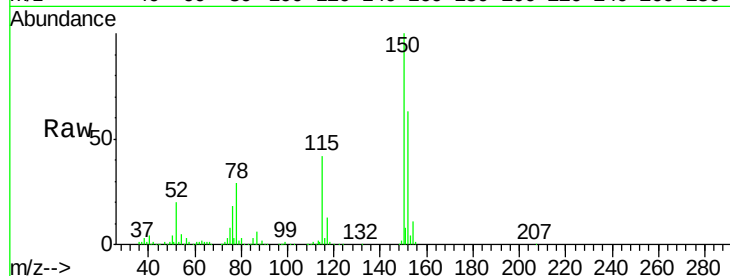


#1

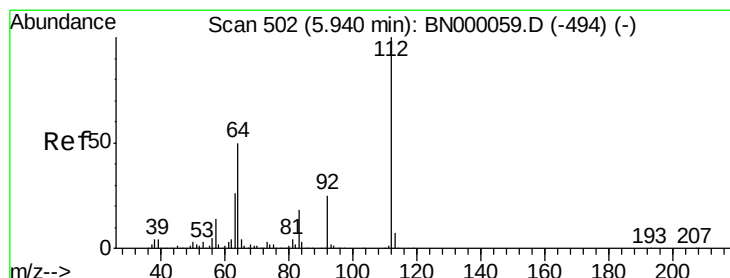
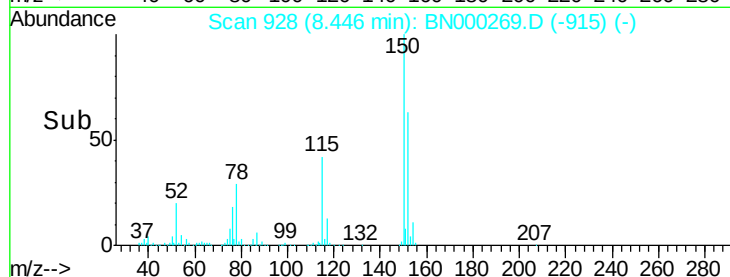
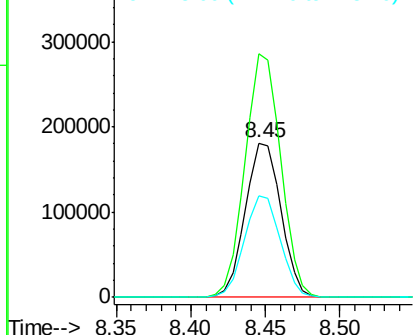
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	66.3	53.0	79.4



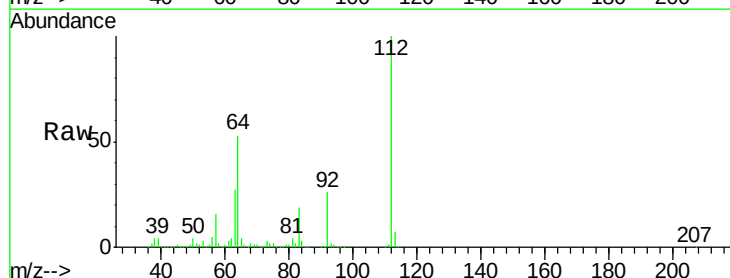
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



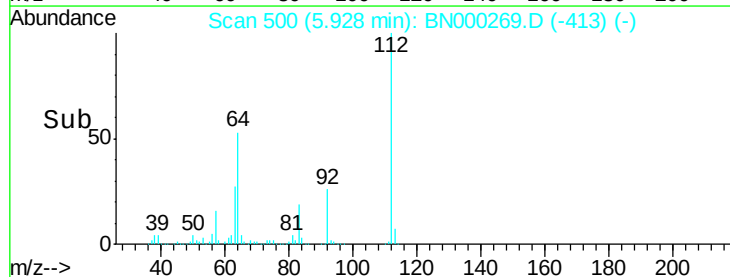
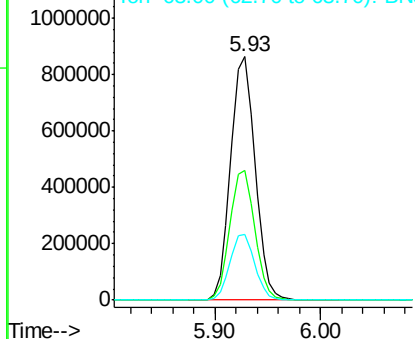
#5

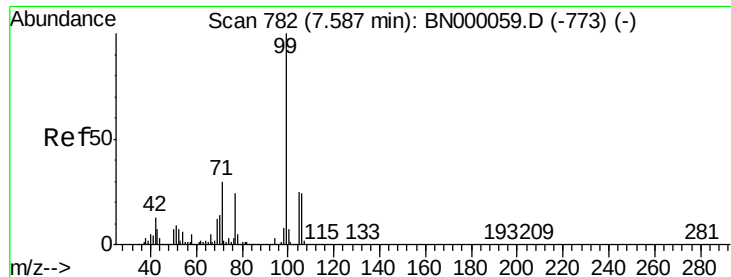
2-Fluorophenol
Concen: 75.417 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	56.3	84.5#
63	26.8	30.1	45.1#



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





#7

Phenol-d6

Concen: 72.184 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000269.D

Acq: 06 Mar 2018 18:17

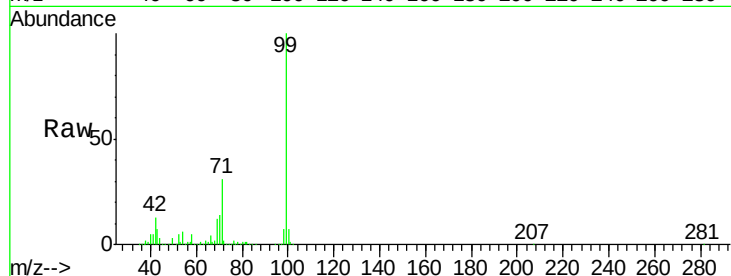
Instrument :

BNA_N

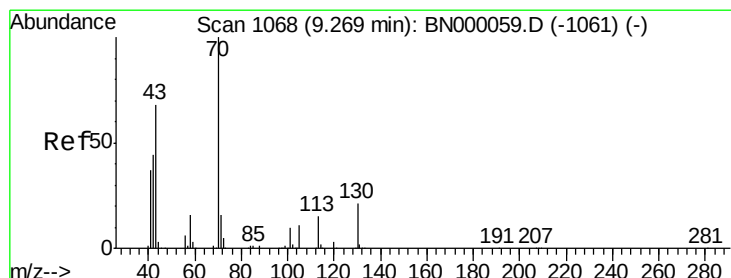
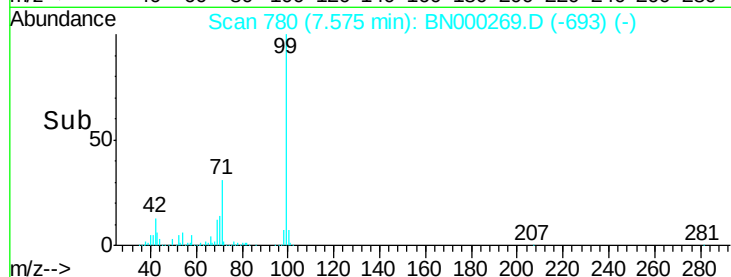
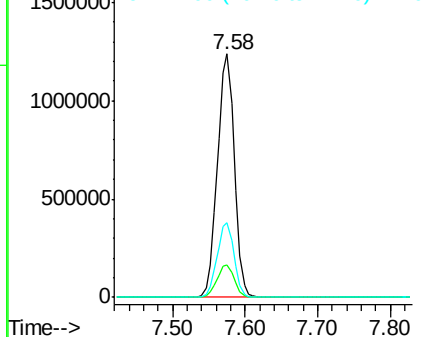
ClientSampleId :

Tot Ion: 99 Resp: 2012375

Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.1	21.1#
71	30.6	26.1	39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.848 ng

RT: 9.63 min Scan# 1129

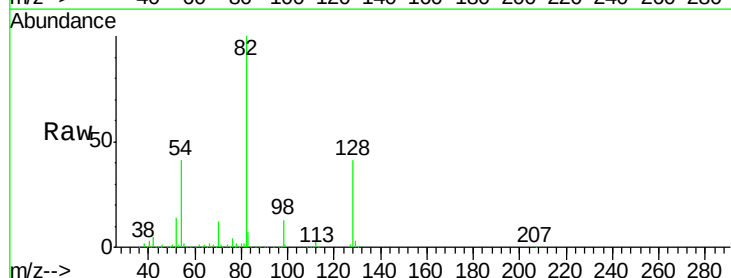
Delta R.T. 0.35 min

Lab File: BN000269.D

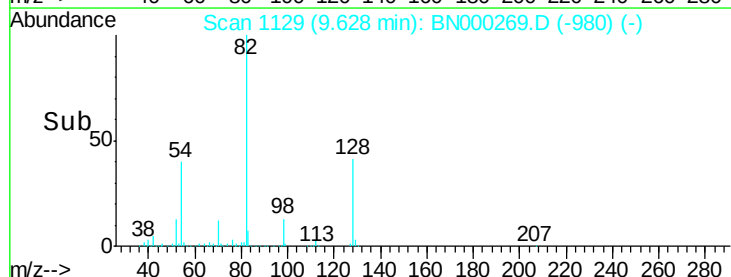
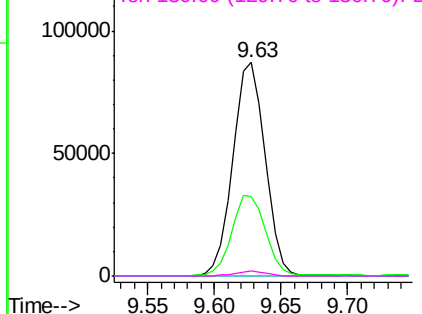
Acq: 06 Mar 2018 18:17

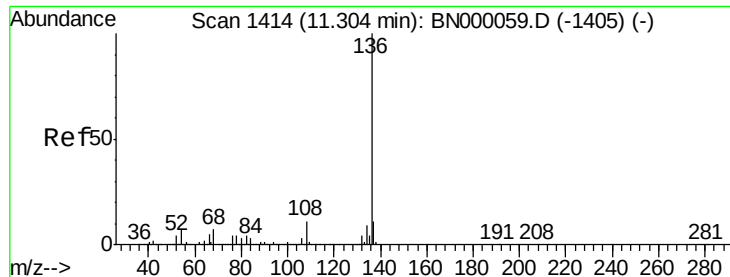
Tgt Ion: 70 Resp: 146603

Ion	Ratio	Lower	Upper
70	100		
42	37.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



Abundance Ion 70.00 (69.70 to 70.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 101.00 (100.70 to 101.70): BNC
Ion 130.00 (129.70 to 130.70): BNC

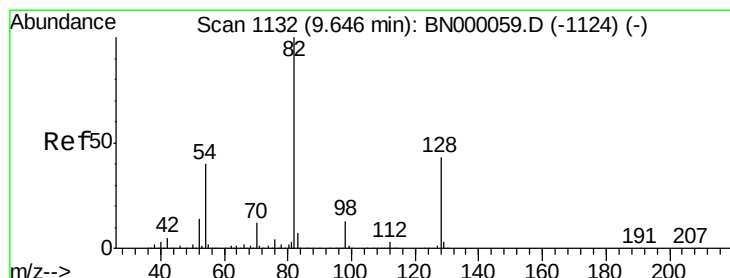
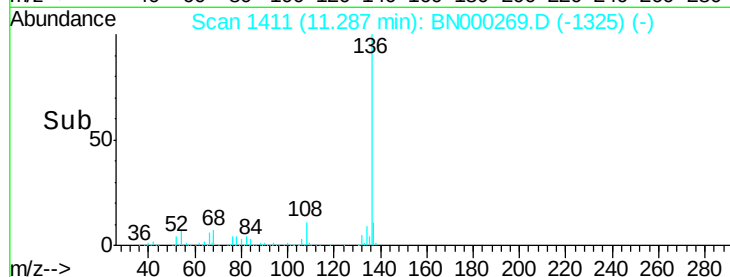
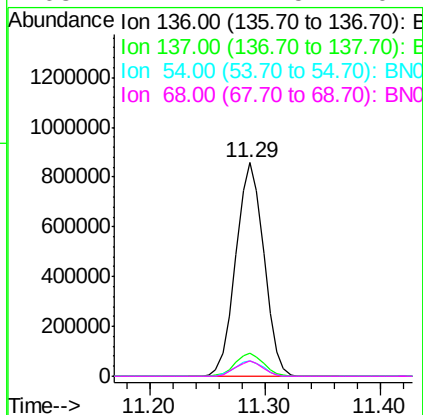
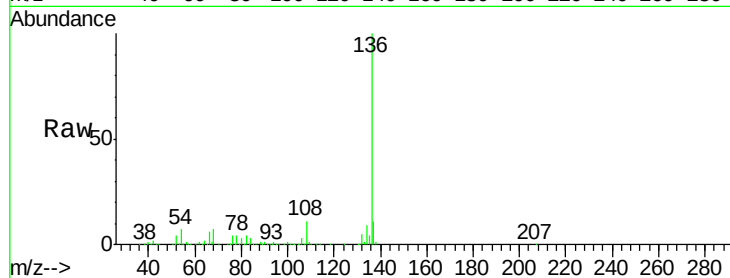




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

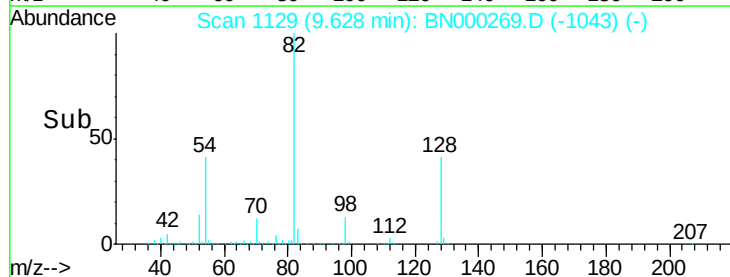
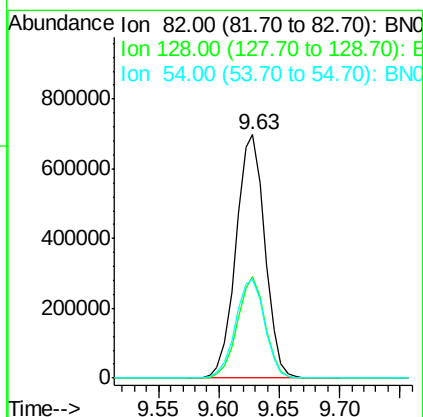
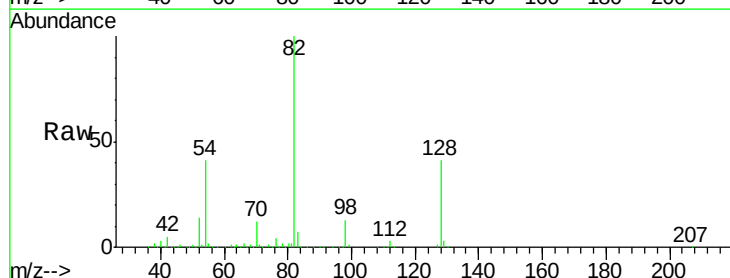
Instrument :
BNA_N
ClientSampleId :

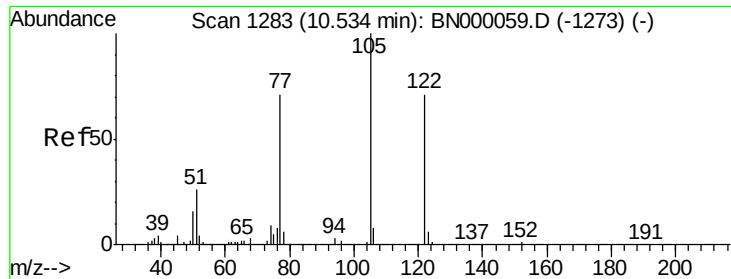
Tot Ion:136 Resp: 1442743
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 7.3 10.3 15.5#
68 7.2 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 47.989 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

Tgt Ion: 82 Resp: 1164489
Ion Ratio Lower Upper
82 100
128 41.5 29.7 44.5
54 40.5 43.1 64.7#

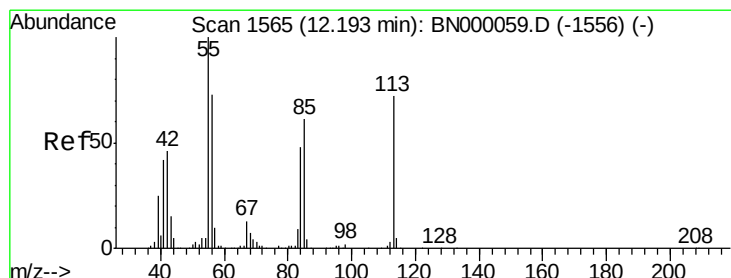
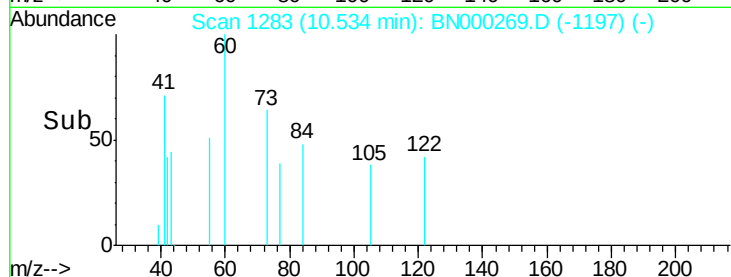
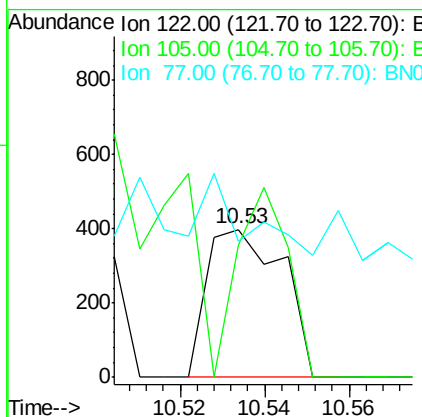
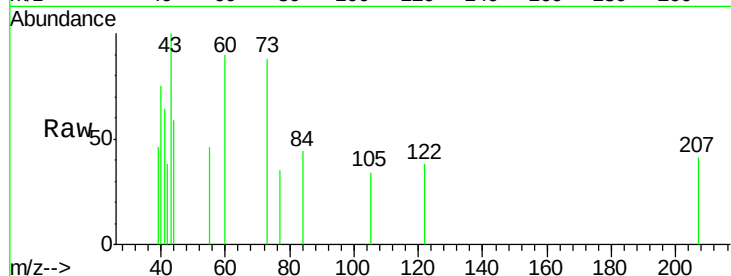




#32
Benzoic acid
Concen: 10.567 ng
RT: 10.53 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

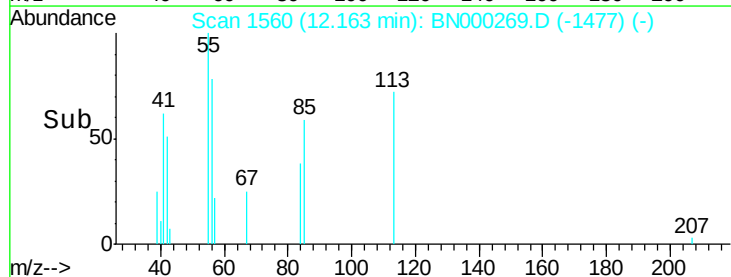
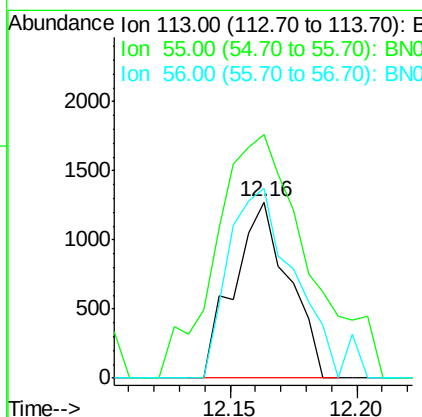
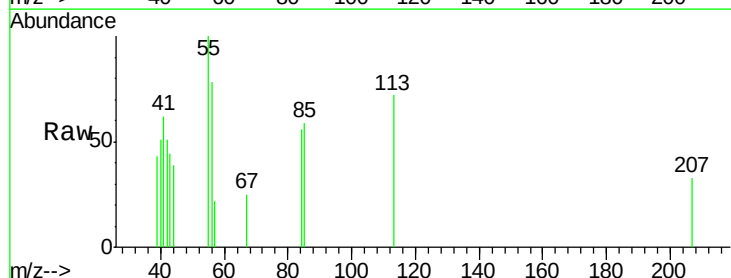
Instrument :
BNA_N
ClientSampled :

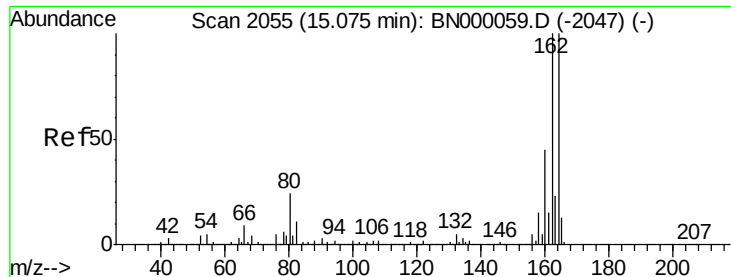
Tot Ion:122 Resp: 496
Ion Ratio Lower Upper
122 100
105 89.7 123.5 163.5#
77 91.7 85.7 125.7



#35
Caprolactam
Concen: 4.218 ng
RT: 12.16 min Scan# 1560
Delta R.T. -0.04 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

Tgt Ion:113 Resp: 1914
Ion Ratio Lower Upper
113 100
55 138.2 120.0 160.0
56 107.5 90.0 130.0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.06 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BN000269.D

Acq: 06 Mar 2018 18:17

Instrument :

BNA_N

ClientSampleId :

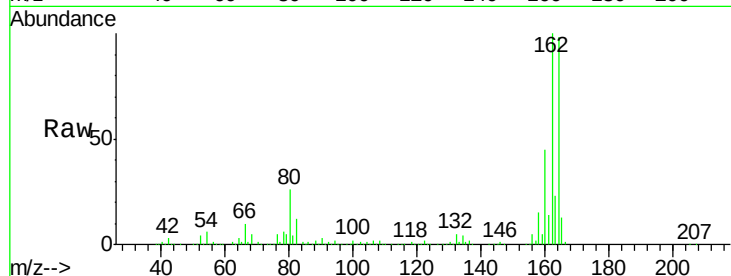
Tot Ion:164 Resp: 807391

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

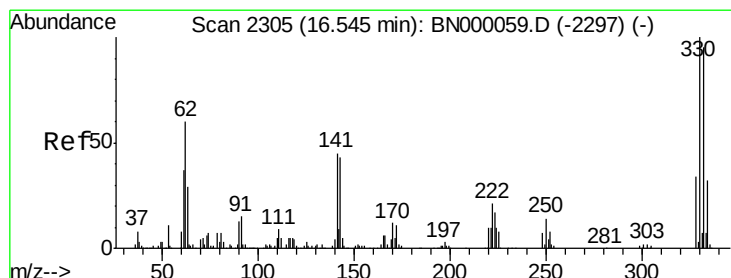
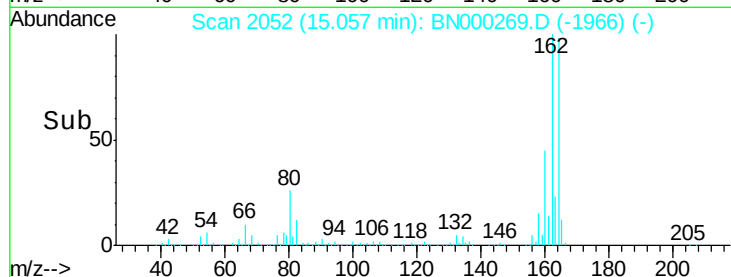
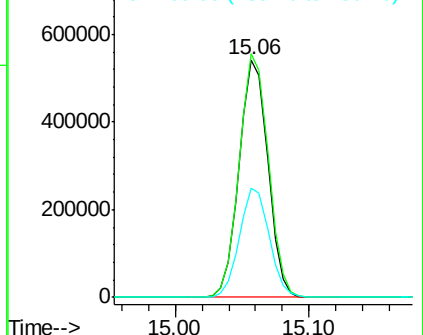
160 45.8 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 65.222 ng

RT: 16.53 min Scan# 2302

Delta R.T. -0.02 min

Lab File: BN000269.D

Acq: 06 Mar 2018 18:17

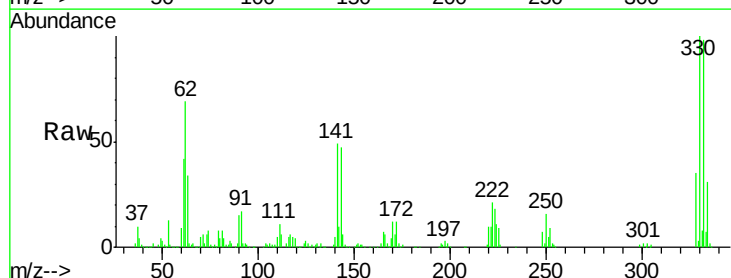
Tgt Ion:330 Resp: 521249

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

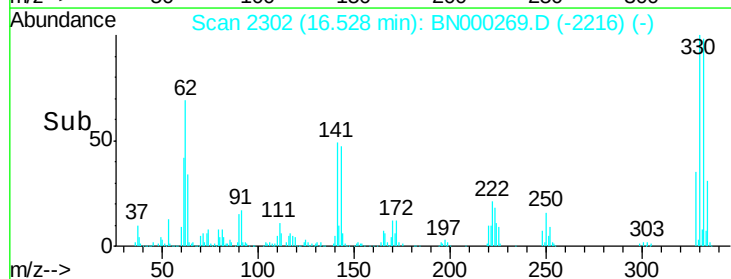
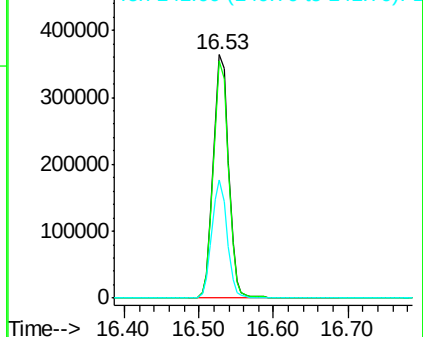
141 48.1 25.2 37.8#

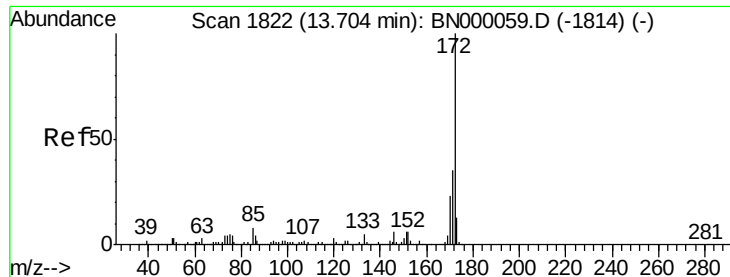


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

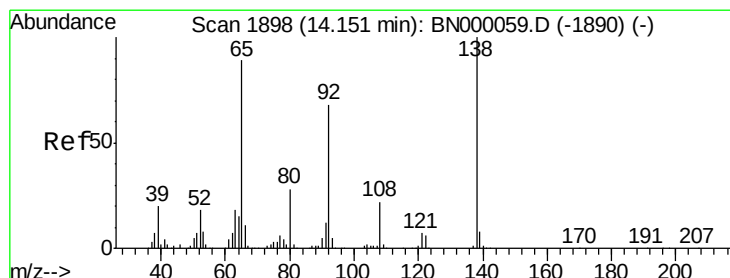
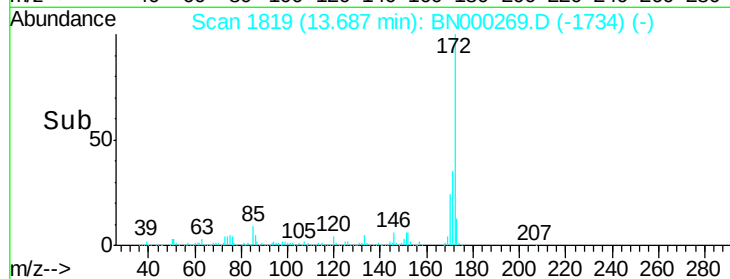
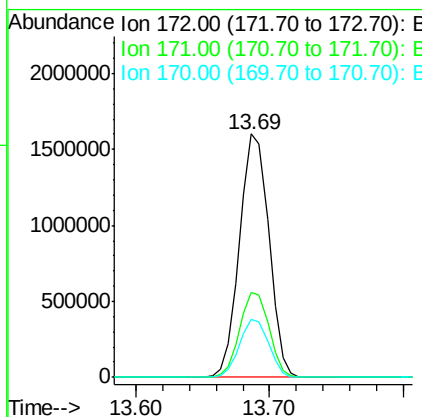
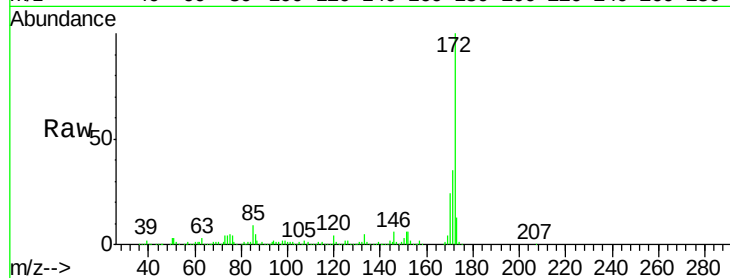




#44
2-Fluorobiphenyl
Concen: 42.592 ng
RT: 13.69 min Scan# 1819
Delta R.T. -0.03 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

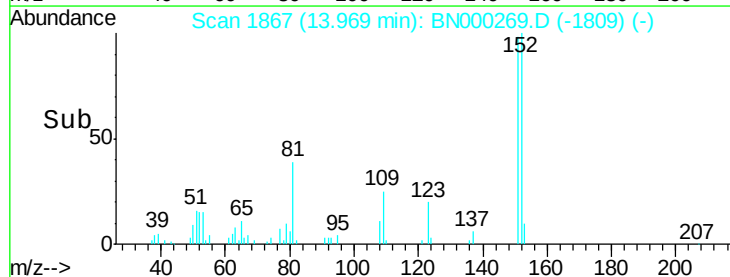
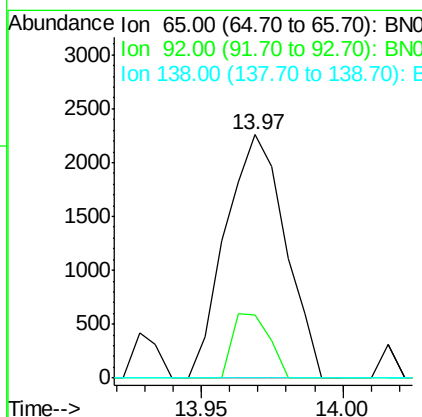
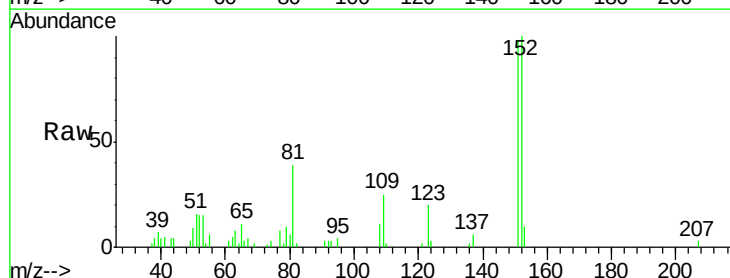
Instrument :
BNA_N
ClientSampleId :

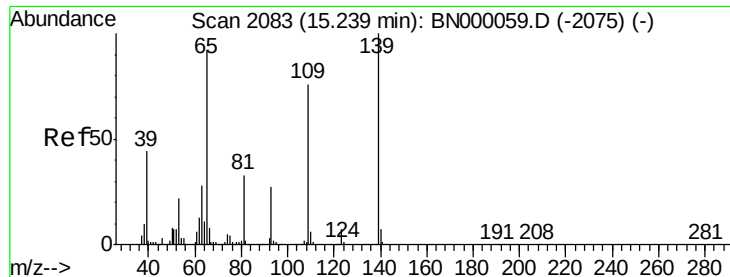
Tot Ion:172 Resp: 2439897
Ion Ratio Lower Upper
172 100
171 34.8 30.0 45.0
170 23.9 19.5 29.3



#47
2-Nitroaniline
Concen: 5.069 ng
RT: 13.97 min Scan# 1867
Delta R.T. -0.19 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

Tgt Ion: 65 Resp: 3327
Ion Ratio Lower Upper
65 100
92 26.1 54.6 82.0#
138 0.0 72.9 109.3#

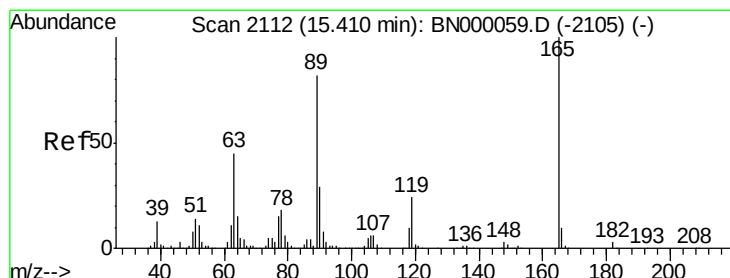
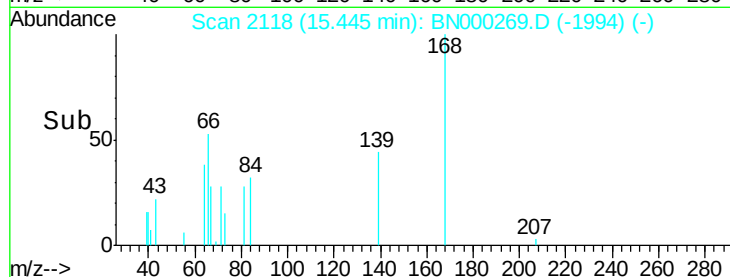
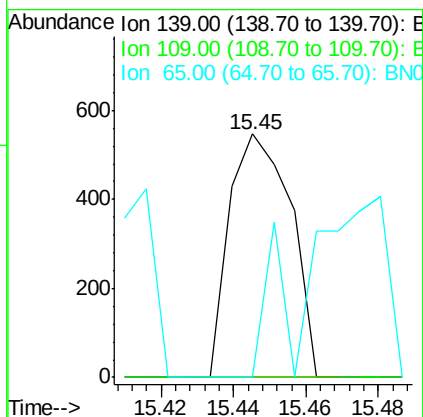
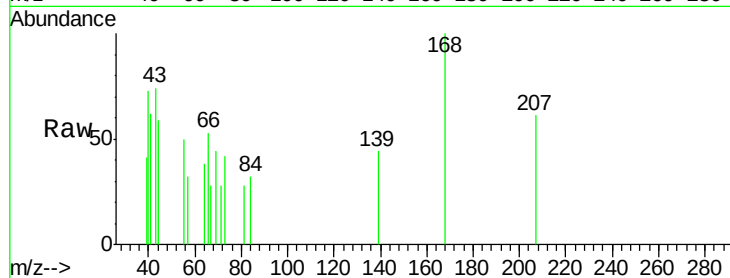




#55
4-Nitrophenol
Concen: 5.020 ng
RT: 15.45 min Scan# 2118
Delta R.T. 0.20 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

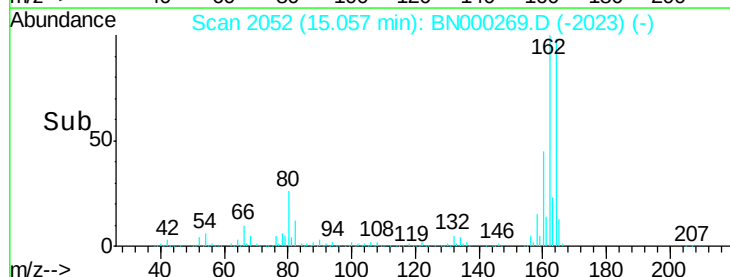
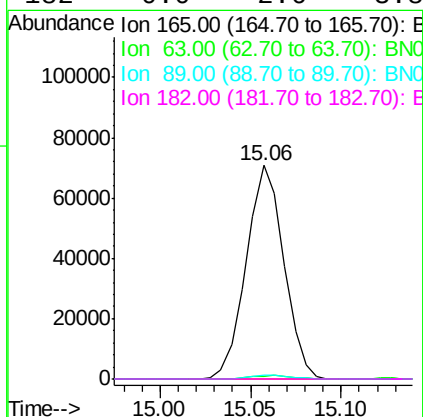
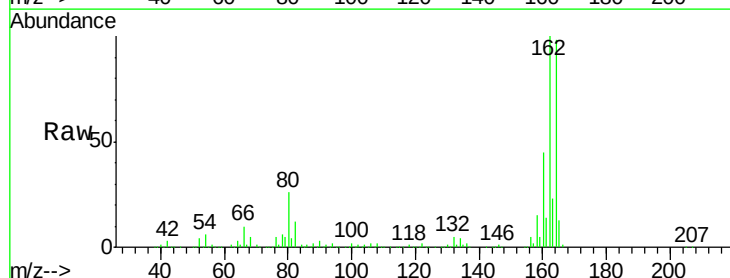
Instrument :
BNA_N
ClientSampleId :

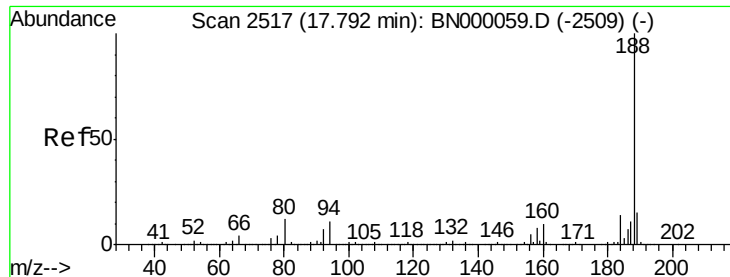
Tot Ion:139 Resp: 646
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 8.860 ng
RT: 15.06 min Scan# 2052
Delta R.T. -0.36 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

Tgt Ion:165 Resp: 102191
Ion Ratio Lower Upper
165 100
63 1.4 42.0 63.0#
89 1.8 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.78 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BN000269.D

Acq: 06 Mar 2018 18:17

Instrument :

BNA_N

ClientSampleId :

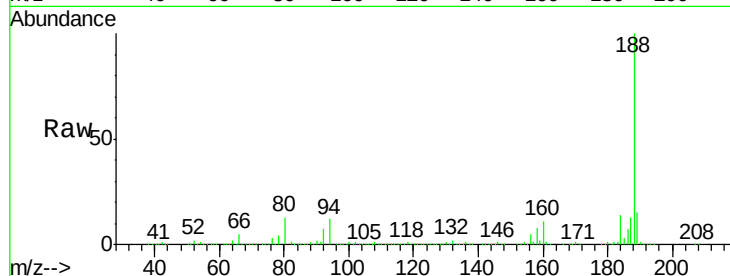
Tot Ion:188 Resp: 1671995

Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.9	10.3#
80	13.2	7.7	11.5#

188 100

94 12.4 6.9 10.3#

80 13.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

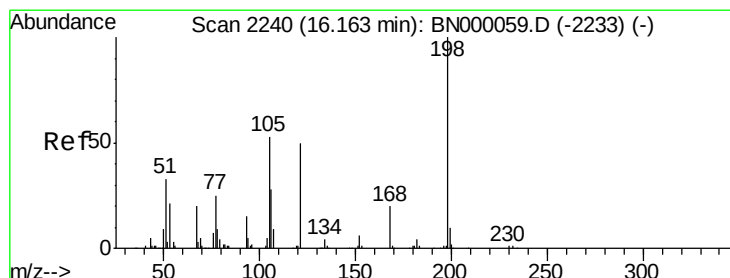
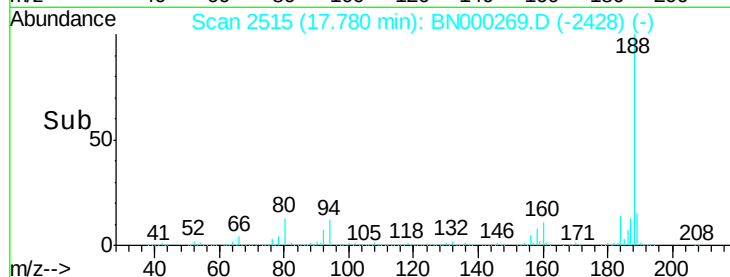
17.78

1000000

500000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 8.879 ng

RT: 16.53 min Scan# 2302

Delta R.T. 0.35 min

Lab File: BN000269.D

Acq: 06 Mar 2018 18:17

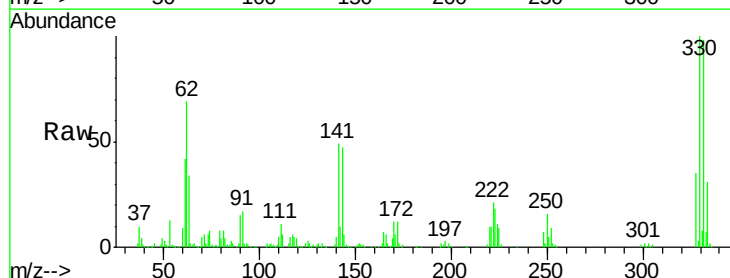
Tgt Ion:198 Resp: 1661

Ion	Ratio	Lower	Upper
198	100		
51	172.9	30.6	70.6#
105	230.6	23.8	63.8#

198 100

51 172.9 30.6 70.6#

105 230.6 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

16.53

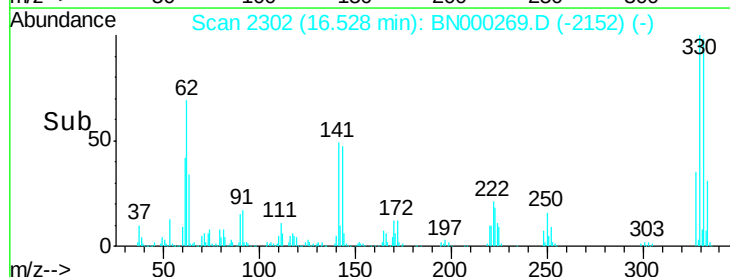
3000

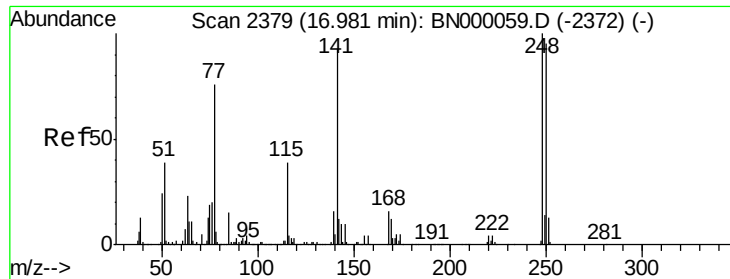
2000

1000

0

Time-->

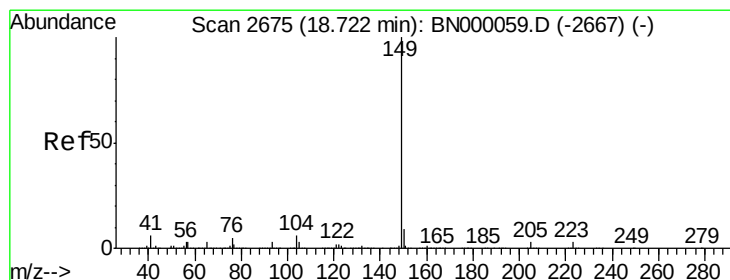
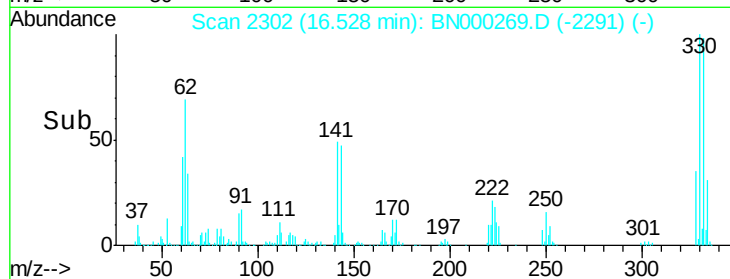
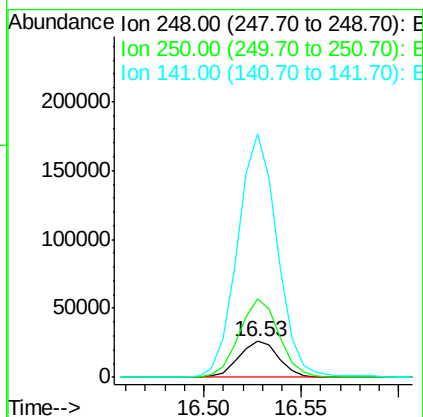
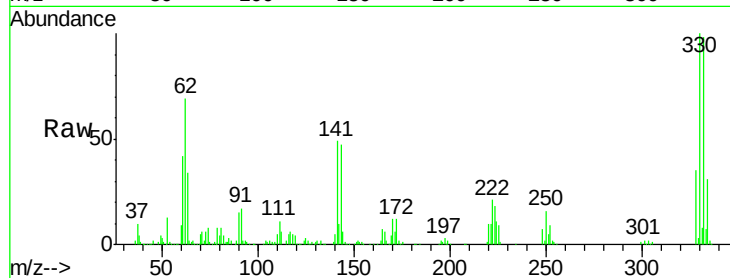




#66
4-Bromophenyl-phenylether
Concen: 2.319 ng
RT: 16.53 min Scan# 2302
Delta R.T. -0.46 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

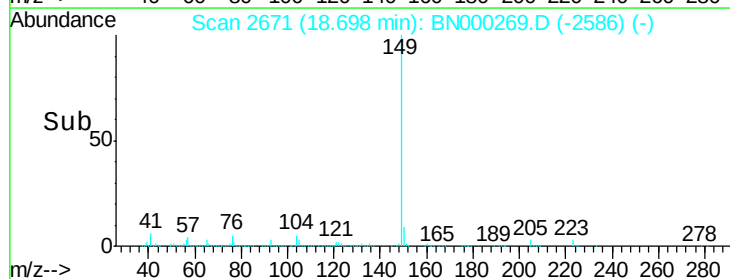
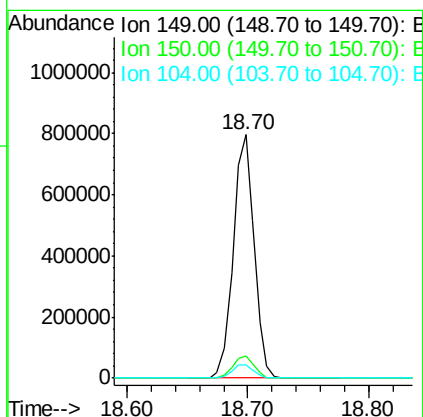
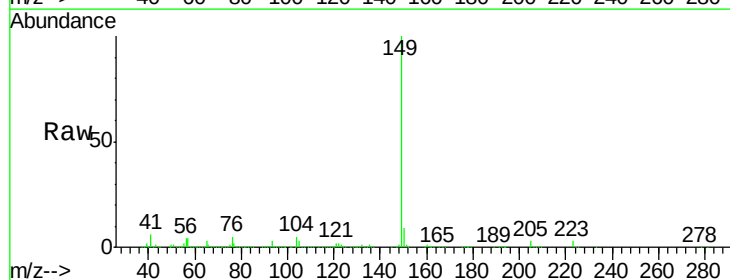
Instrument :
BNA_N
ClientSampleId :

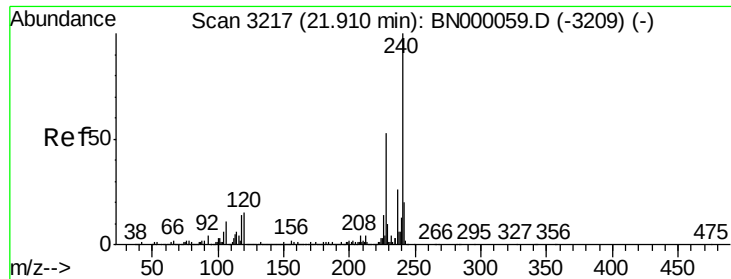
Tot Ion:248 Resp: 36868
Ion Ratio Lower Upper
248 100
250 216.9 77.1 115.7#
141 675.0 50.8 76.2#



#73
Di-n-butylphthalate
Concen: 8.964 ng
RT: 18.70 min Scan# 2671
Delta R.T. -0.03 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

Tgt Ion:149 Resp: 953409
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.4 3.9 5.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.89 min Scan# 3214

Delta R.T. -0.03 min

Lab File: BN000269.D

Acq: 06 Mar 2018 18:17

Instrument :

BNA_N

ClientSampleId :

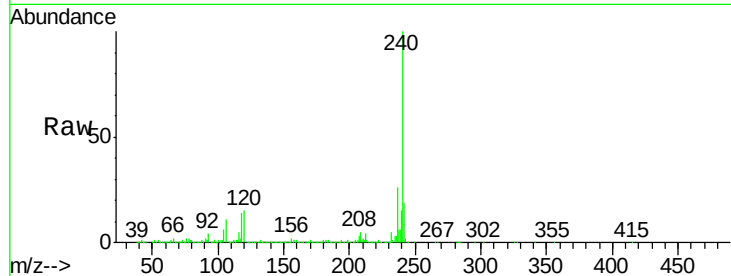
Tot Ion:240 Resp: 1629197

Ion Ratio Lower Upper

240 100

120 14.8 6.8 10.2#

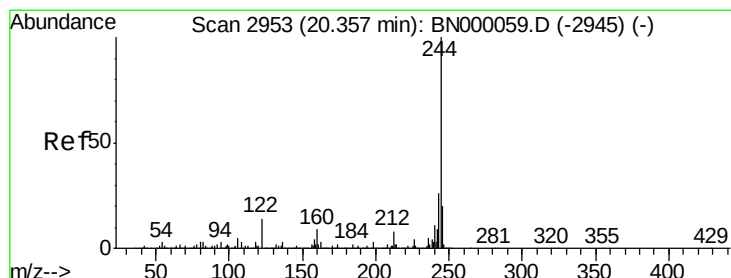
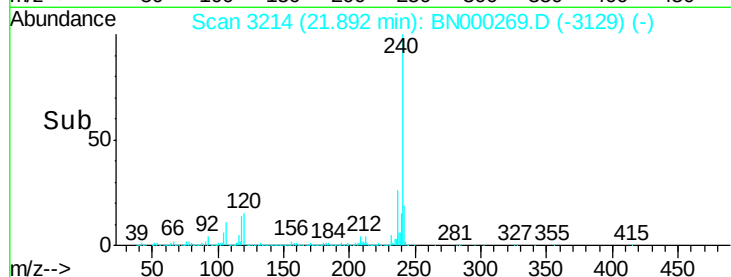
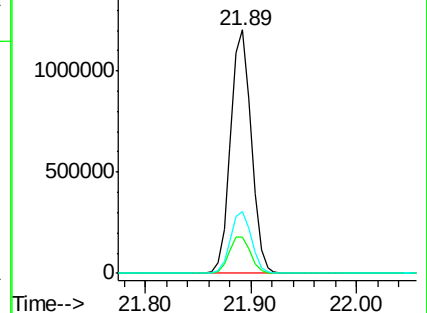
236 25.5 20.9 31.3



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



#78

Terphenyl-d14

Concen: 49.208 ng

RT: 20.33 min Scan# 2949

Delta R.T. -0.03 min

Lab File: BN000269.D

Acq: 06 Mar 2018 18:17

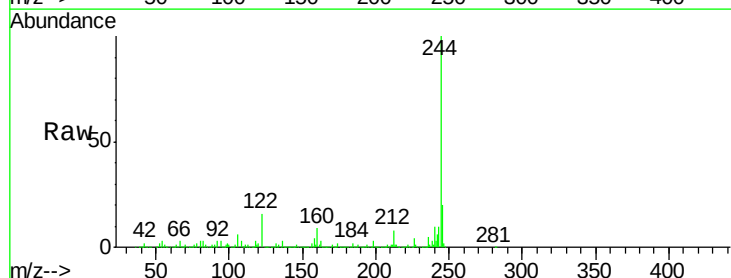
Tgt Ion:244 Resp: 2969057

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

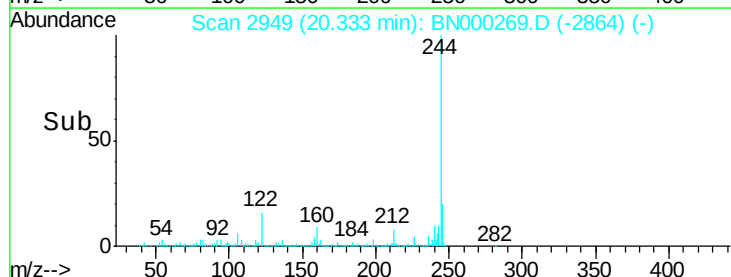
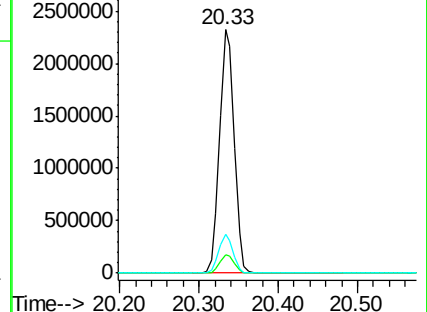
122 15.8 7.0 10.4#

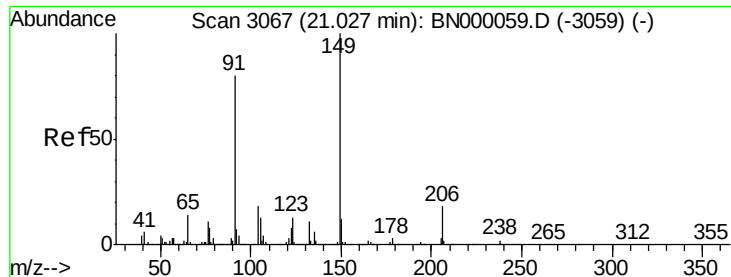


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

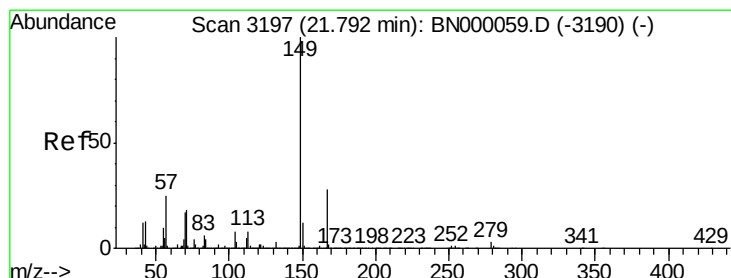
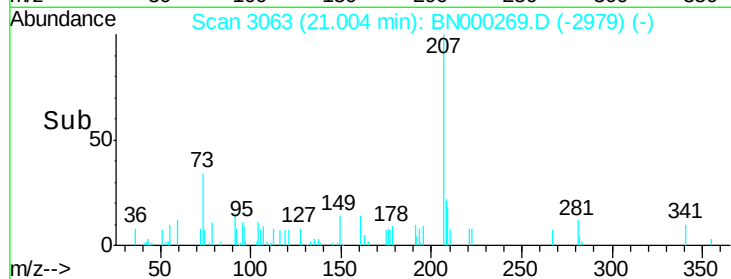
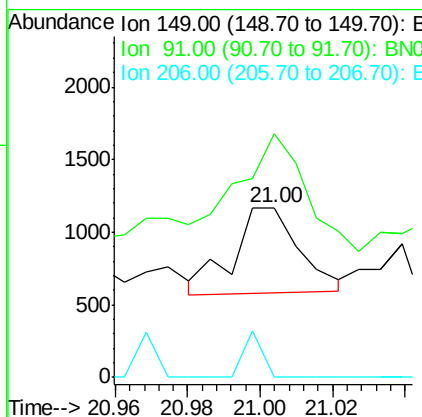
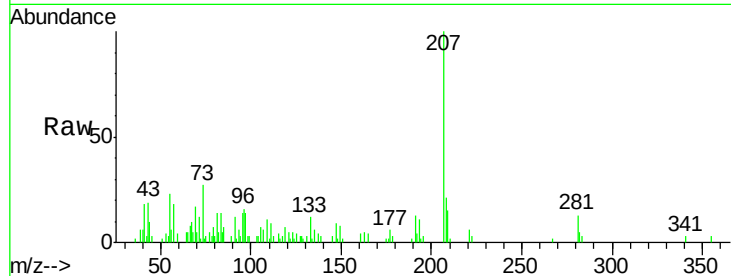




#79
 Butylbenzylphthalate
 Concen: 5.389 ng
 RT: 21.00 min Scan# 3063
 Delta R.T. -0.04 min
 Lab File: BN000269.D
 Acq: 06 Mar 2018 18:17

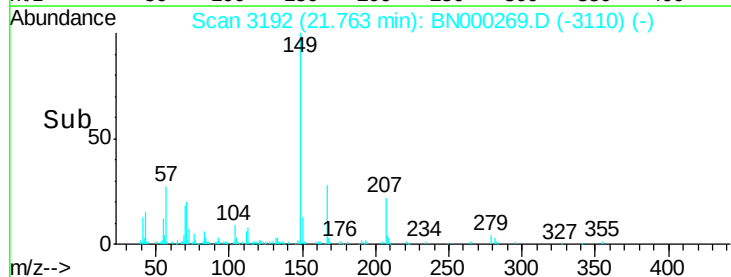
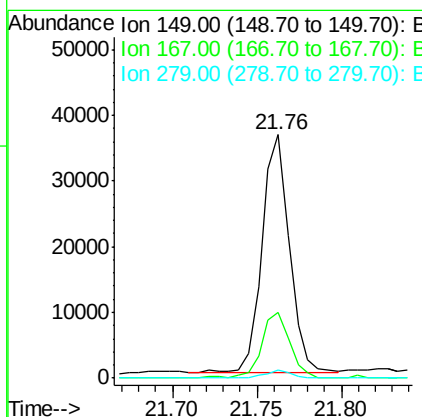
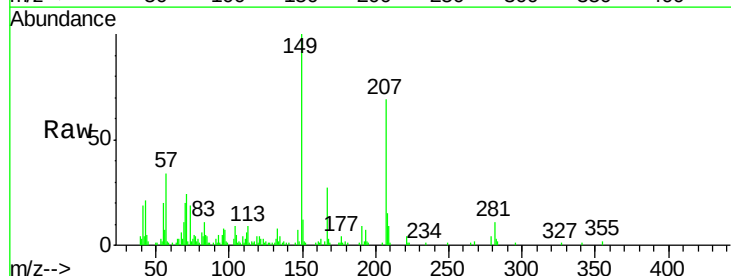
Instrument :
 BNA_N
 ClientSampled :

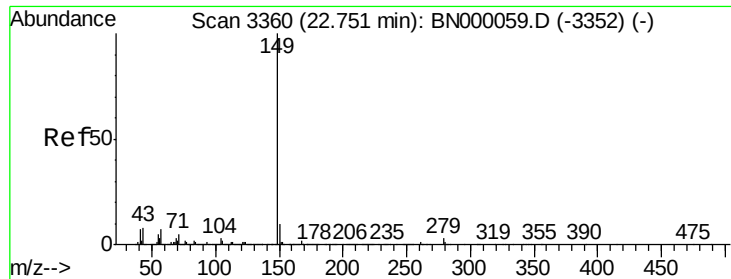
Tot Ion	Ratio	Lower	Upper
149	100		
91	143.2	62.2	93.2#
206	0.0	18.6	27.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.431 ng
 RT: 21.76 min Scan# 3192
 Delta R.T. -0.05 min
 Lab File: BN000269.D
 Acq: 06 Mar 2018 18:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	24.3	36.5
279	3.6	4.0	6.0#

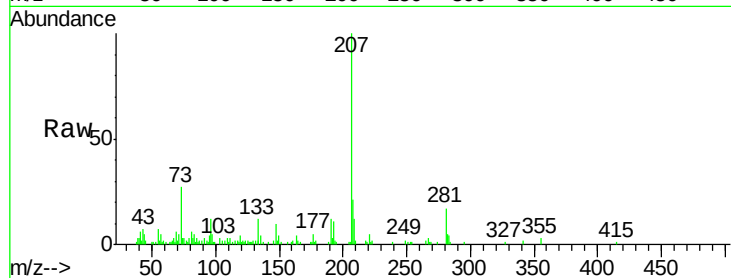




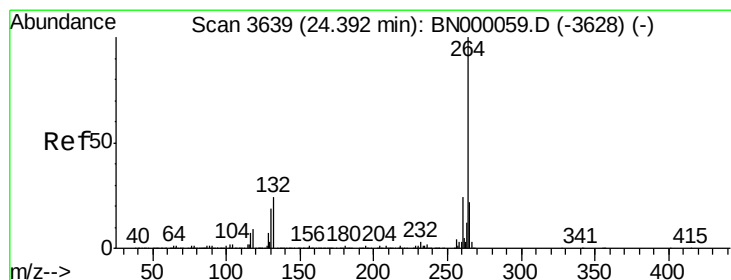
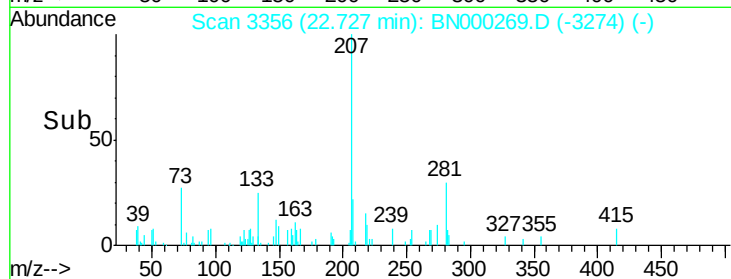
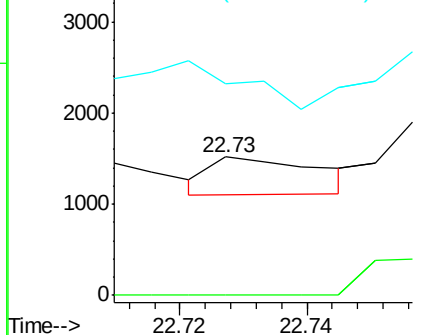
#84
Di-n-octyl phthalate
Concen: 6.734 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.05 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 482
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 0.0 8.9 13.3#

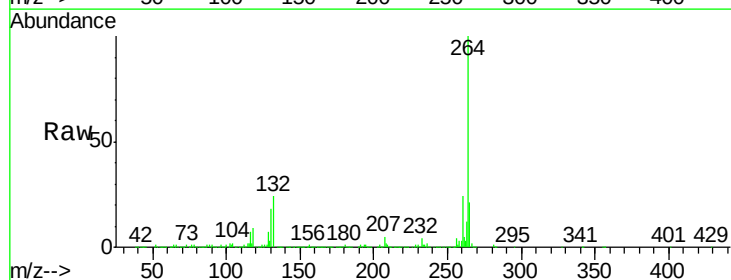


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.37 min Scan# 3635
Delta R.T. -0.05 min
Lab File: BN000269.D
Acq: 06 Mar 2018 18:17

Tgt Ion:264 Resp: 1610503
Ion Ratio Lower Upper
264 100
260 23.7 17.4 26.0
265 21.2 17.7 26.5



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

