

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110618\
 Data File : BN003444.D
 Acq On : 06 Nov 2018 22:39
 Operator : MJ/SJ
 Sample : J5827-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 08:29:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

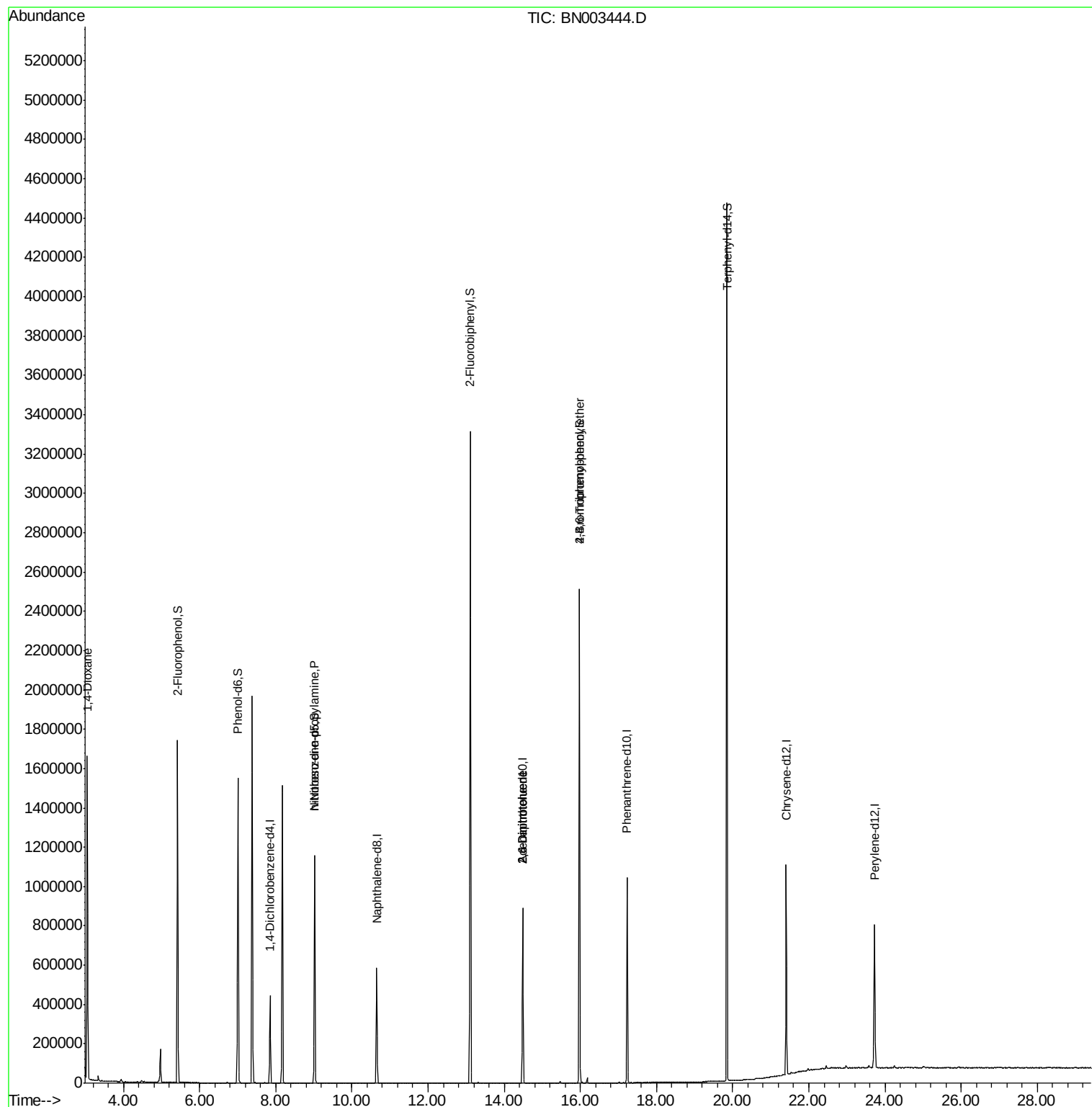
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	121999	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	501057	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	287154	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	610146	20.00	ng	0.00
76) Chrysene-d12	21.40	240	496507	20.00	ng	0.00
87) Perylene-d12	23.72	264	520905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	785011	112.07	ng	0.01
7) Phenol-d6	7.01	99	936955	94.07	ng	0.00
23) Nitrobenzene-d5	9.02	82	659330	75.46	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	518466	134.09	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1719776	81.24	ng	0.00
79) Terphenyl-d14	19.85	244	2177401	93.78	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.05	88	12781	3.84	ng	# 1
19) n-Nitroso-di-n-propylamine	9.02	70	84111	11.71	ng	# 75
51) 2,6-Dinitrotoluene	14.49	165	36757	6.98	ng	# 30
57) 2,4-Dinitrotoluene	14.49	165	36757	5.14	ng	# 20
67) 4-Bromophenyl-phenylether	15.97	248	33553	4.88	ng	# 1

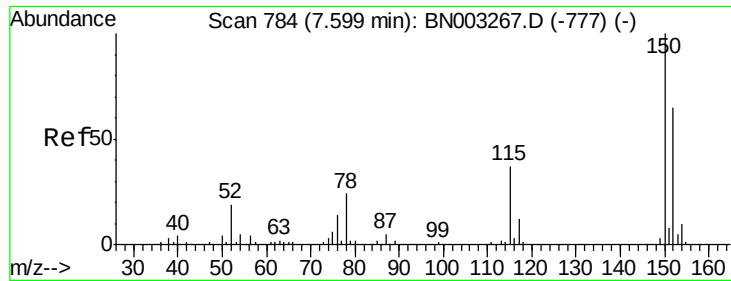
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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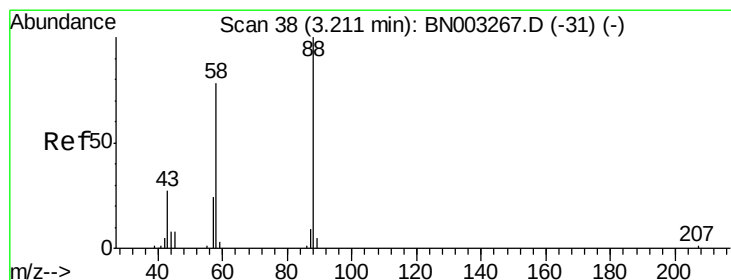
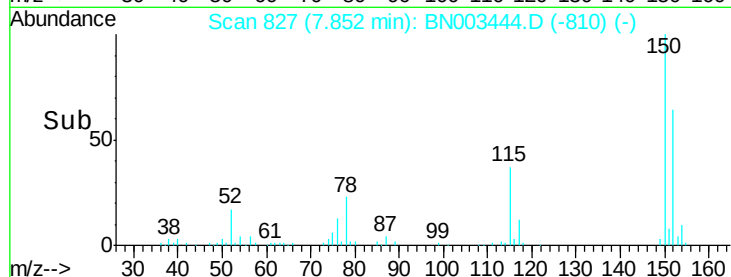
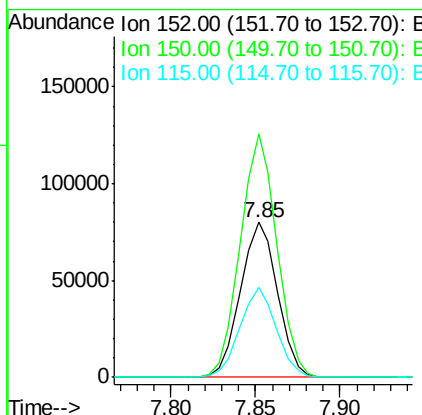
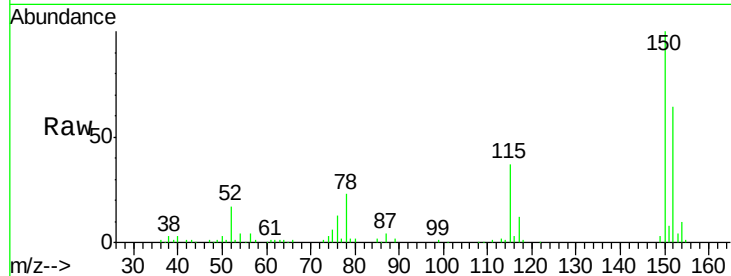


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003444.D
Acq: 06 Nov 2018 22:39

Instrument :
BNA_N
ClientSampled :

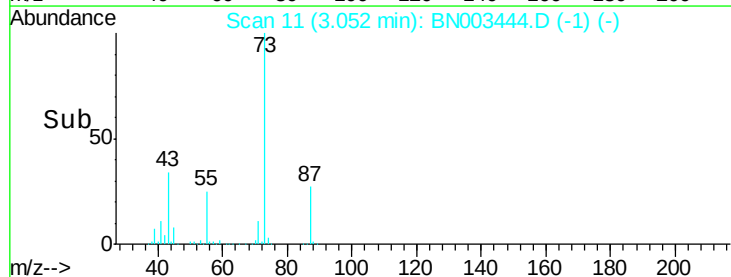
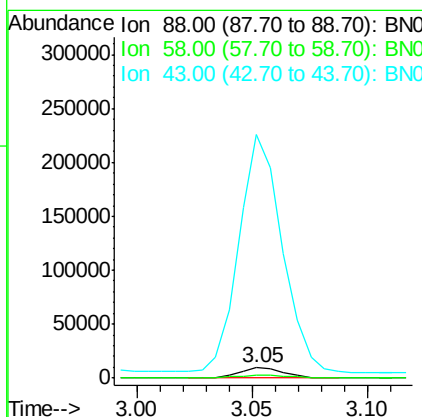
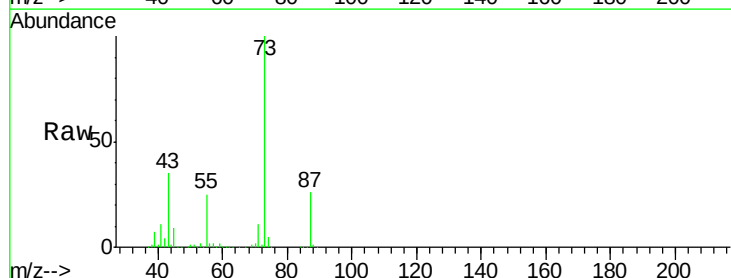
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.8	185.8
115	57.8	45.9	68.9

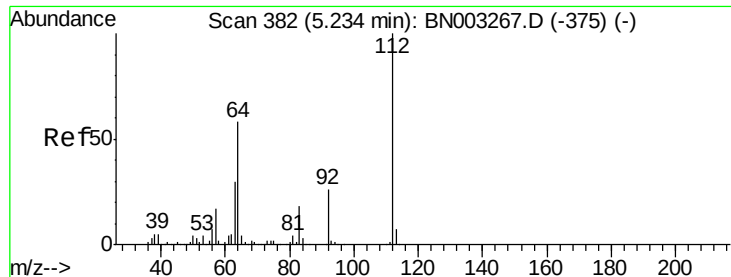


#2

1,4-Dioxane
Concen: 3.84 ng
RT: 3.05 min Scan# 11
Delta R.T. -0.28 min
Lab File: BN003444.D
Acq: 06 Nov 2018 22:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	27.3	61.1	91.7#
43	2313.1	22.2	33.4#





#5

2-Fluorophenol

Concen: 112.07 ng

RT: 5.42 min Scan# 414

Delta R.T. 0.01 min

Lab File: BN003444.D

Acq: 06 Nov 2018 22:39

Instrument :

BNA_N

ClientSampleId :

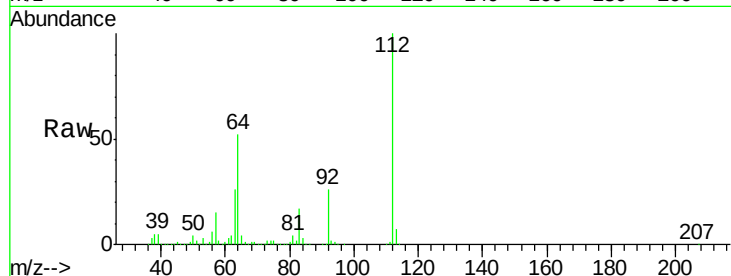
Tot Ion:112 Resp: 785011

Ion Ratio Lower Upper

112 100

64 52.0 46.6 69.8

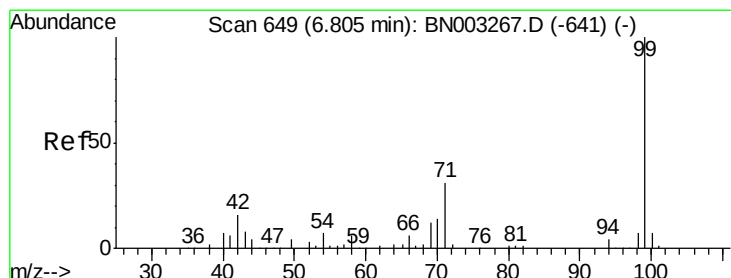
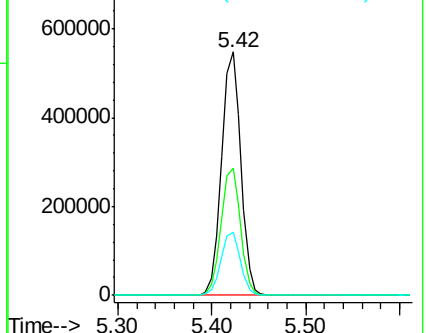
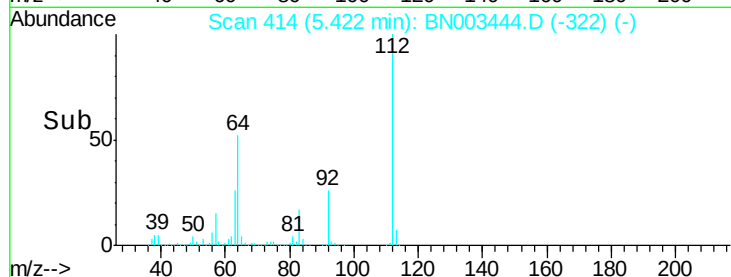
63 25.8 23.8 35.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 94.07 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003444.D

Acq: 06 Nov 2018 22:39

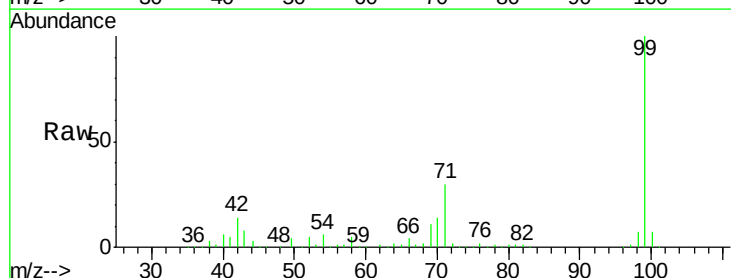
Tgt Ion: 99 Resp: 936955

Ion Ratio Lower Upper

99 100

42 14.5 13.0 19.6

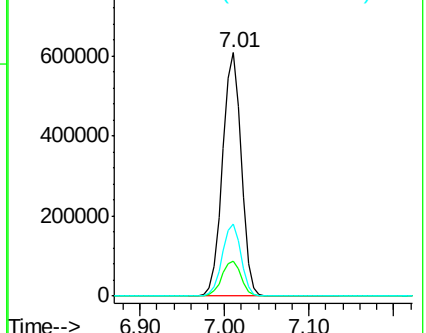
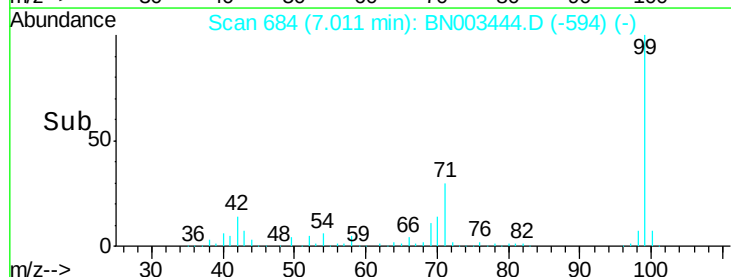
71 29.9 24.5 36.7

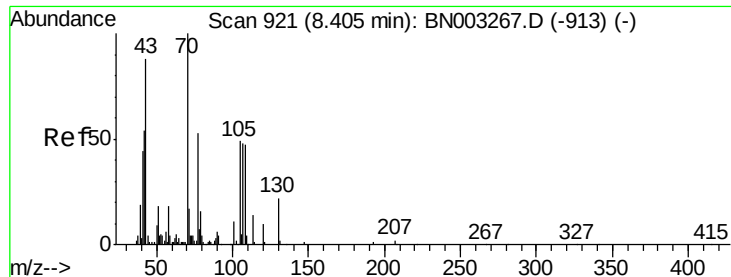


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

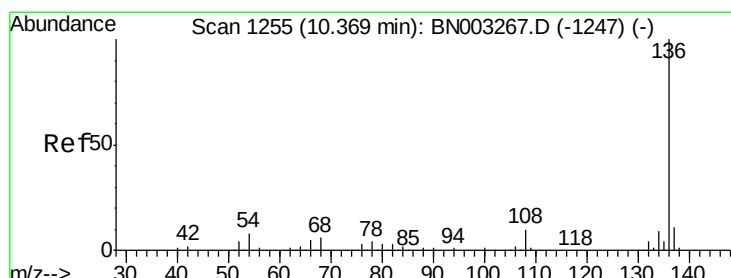
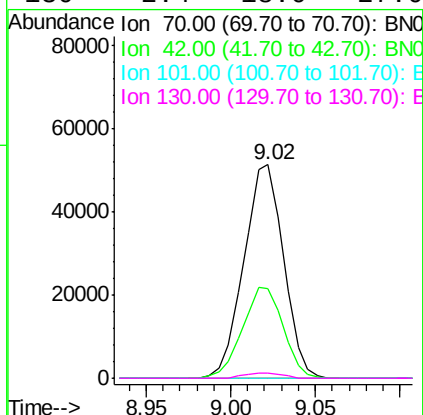
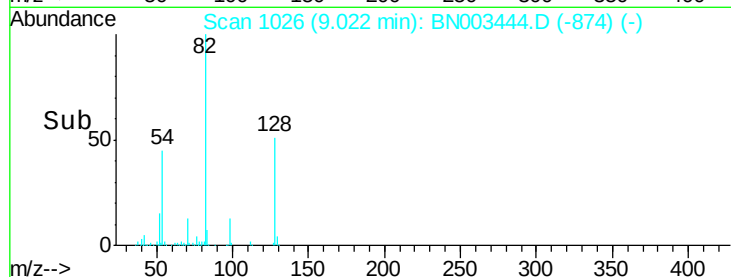
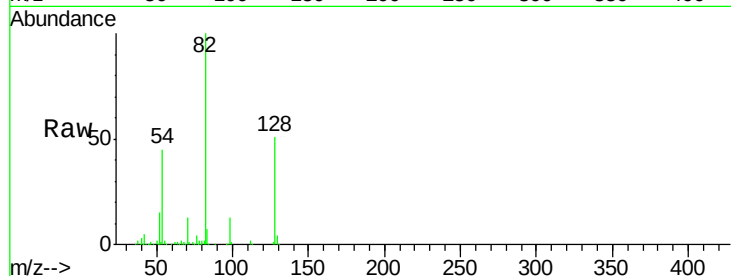




#19
n-Nitroso-di-n-propylamine
Concen: 11.71 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BN003444.D
Acq: 06 Nov 2018 22:39

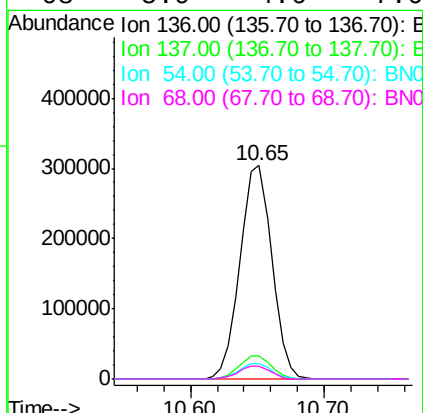
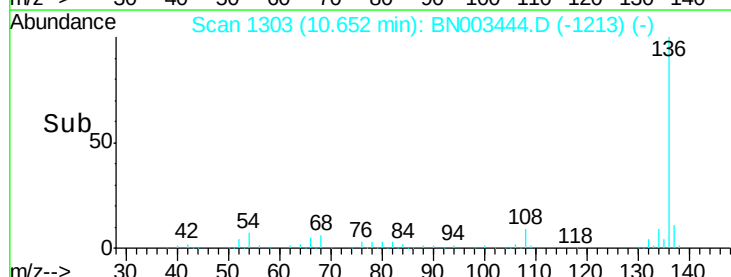
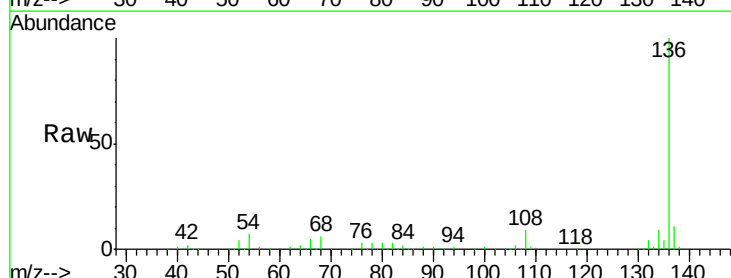
Instrument :
BNA_N
ClientSampleId :

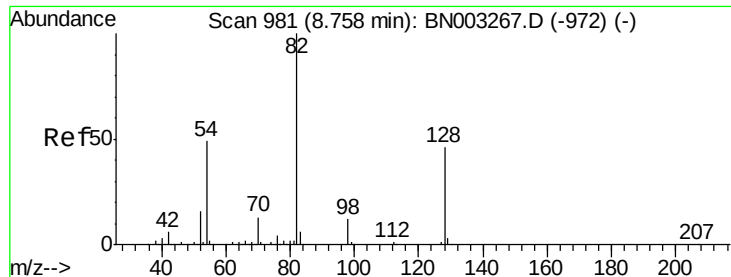
Tot Ion: 70 Resp: 84111
Ion Ratio Lower Upper
70 100
42 41.8 43.5 65.3#
101 0.0 8.6 12.8#
130 2.4 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BN003444.D
Acq: 06 Nov 2018 22:39

Tgt Ion: 136 Resp: 501057
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.0 6.6 10.0
68 5.9 4.6 7.0

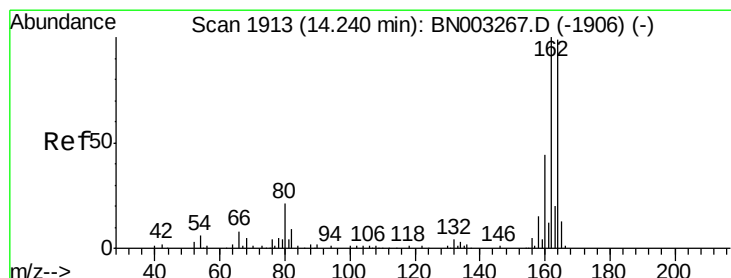
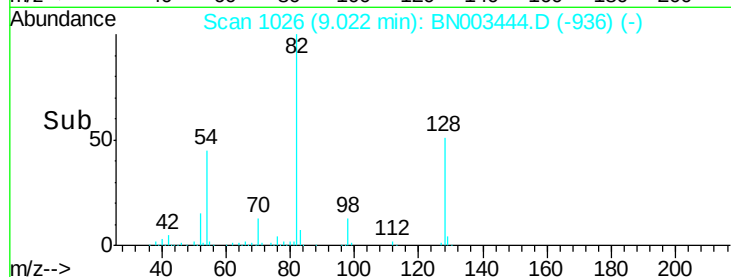
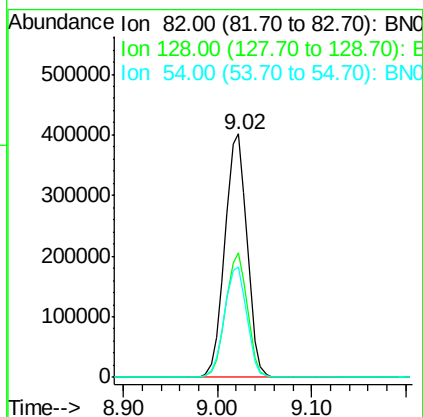
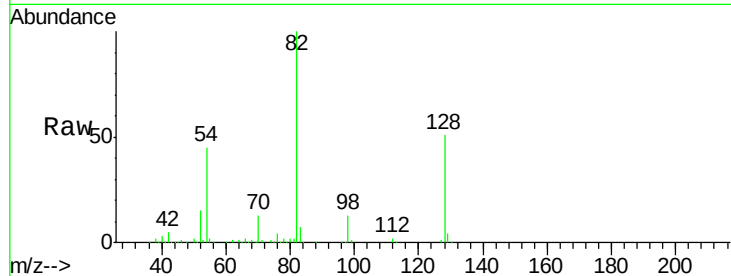




#23
Nitrobenzene-d5
Concen: 75.46 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BN003444.D
Acq: 06 Nov 2018 22:39

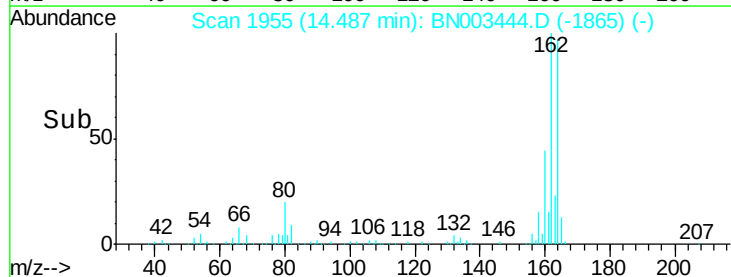
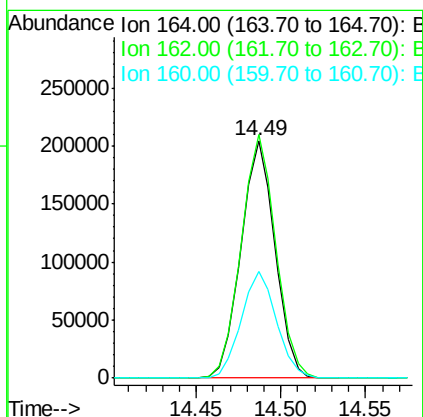
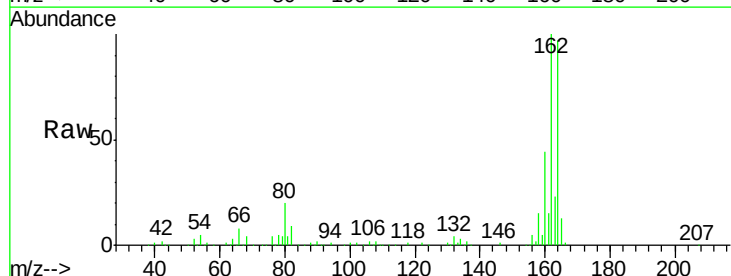
Instrument :
BNA_N
ClientSampleId :

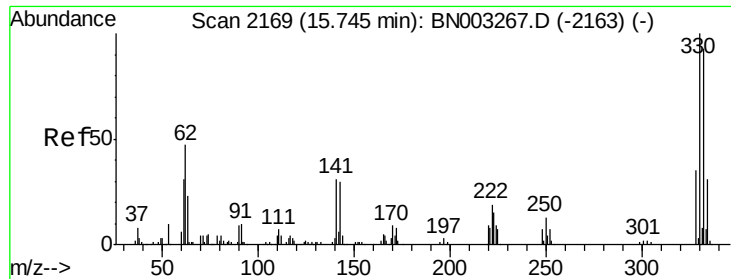
Tot Ion	82	Resp	659330
Ion Ratio	100	Lower	Upper
128	51.4	37.1	55.7
54	45.4	39.4	59.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BN003444.D
Acq: 06 Nov 2018 22:39

Tgt Ion	164	Resp	287154
Ion Ratio	100	Lower	Upper
162	102.6	80.8	121.2
160	44.7	35.5	53.3

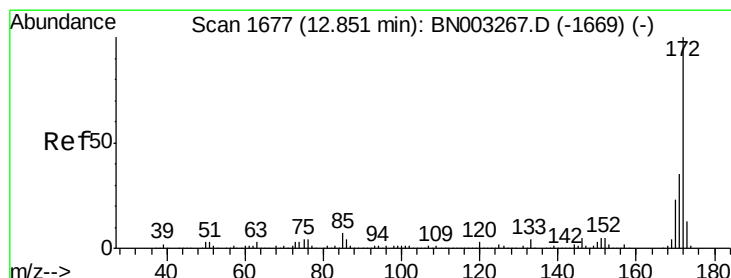
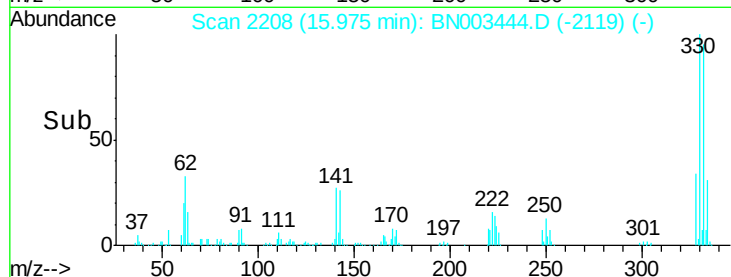
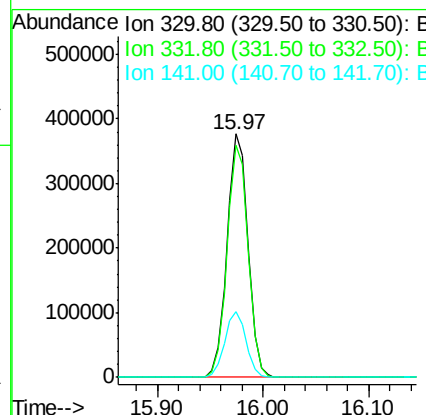
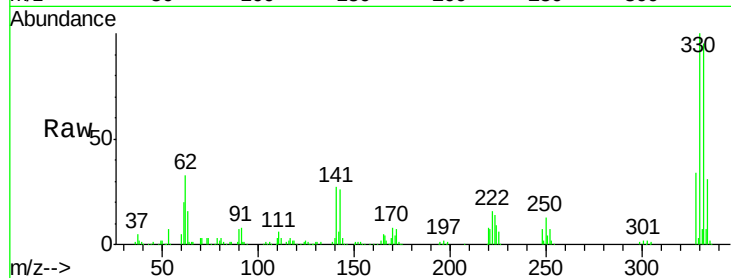




#42
 2,4,6-Tribromophenol
 Concen: 134.09 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003444.D
 Acq: 06 Nov 2018 22:39

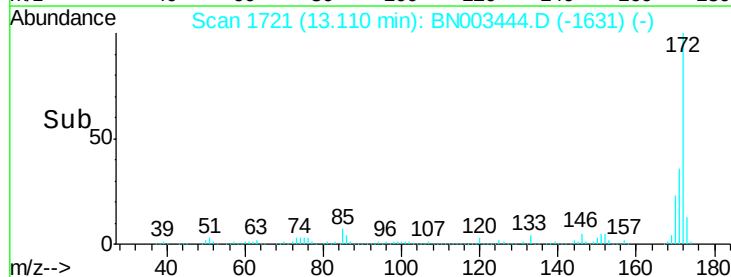
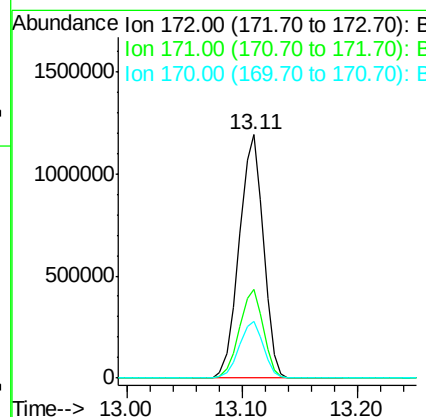
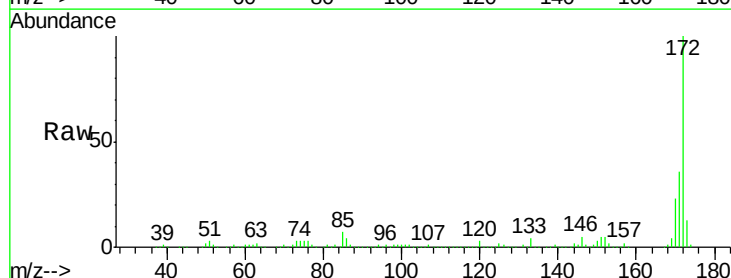
Instrument :
 BNA_N
 ClientSampled :

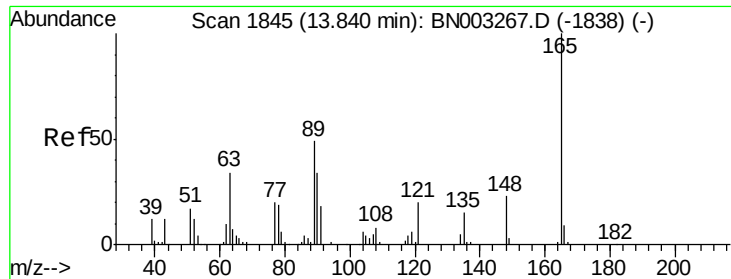
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	27.5	24.5	36.7



#45
 2-Fluorobiphenyl
 Concen: 81.24 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN003444.D
 Acq: 06 Nov 2018 22:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.4
170	23.3	18.4	27.6

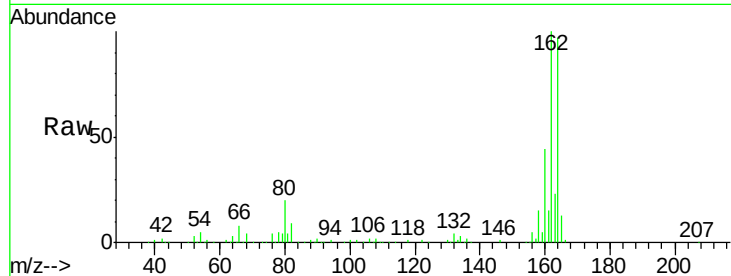




#51
 2,6-Dinitrotoluene
 Concen: 6.98 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.41 min
 Lab File: BN003444.D
 Acq: 06 Nov 2018 22:39

Instrument :
 BNA_N
 ClientSampleId :

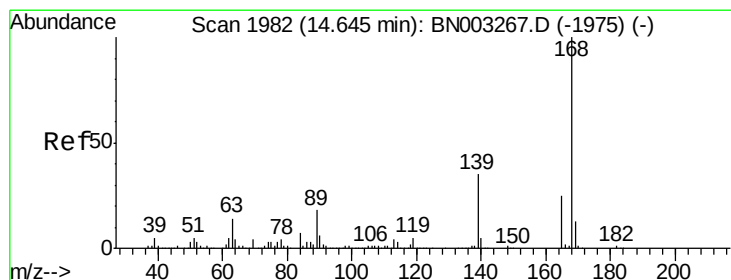
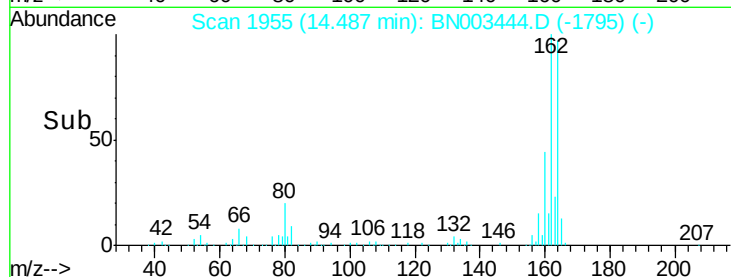
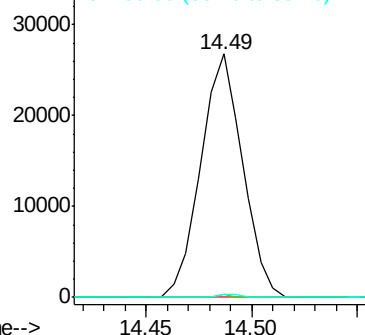
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.2	58.8#
89	1.2	38.9	58.3#



Abundance Ion 165.00 (164.70 to 165.70): E

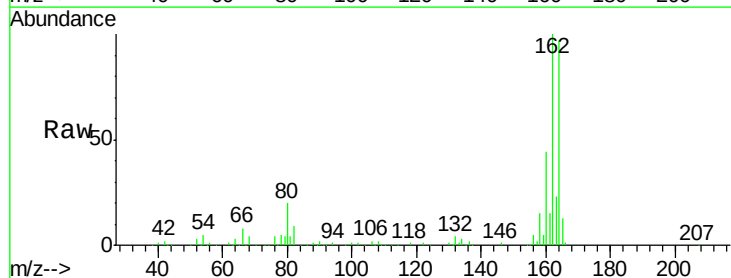
Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC



#57
 2,4-Dinitrotoluene
 Concen: 5.14 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003444.D
 Acq: 06 Nov 2018 22:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	45.8	68.6#
89	1.2	58.7	88.1#
182	0.0	2.3	3.5#

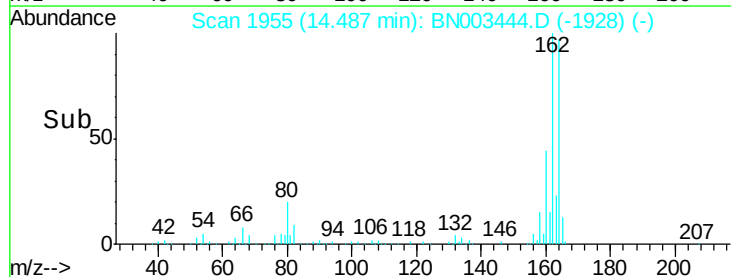
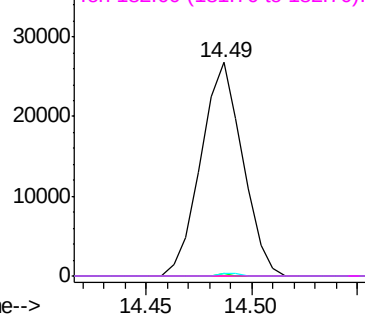


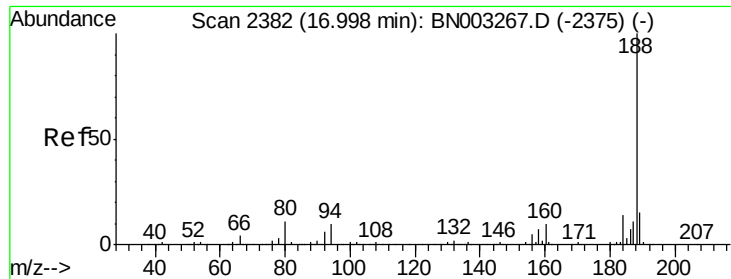
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN003444.D

Acq: 06 Nov 2018 22:39

Instrument :

BNA_N

ClientSampleId :

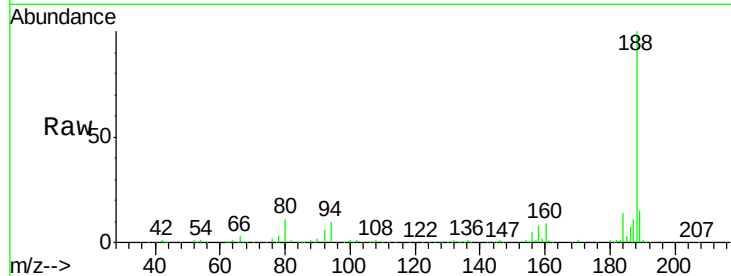
Tot Ion:188 Resp: 610146

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

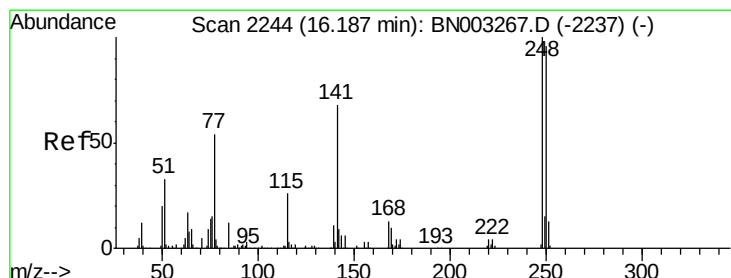
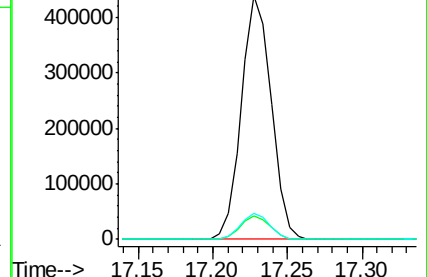
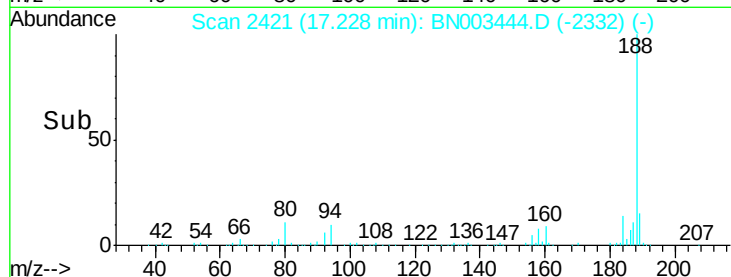
80 10.6 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#67

4-Bromophenyl-phenylether

Concen: 4.88 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BN003444.D

Acq: 06 Nov 2018 22:39

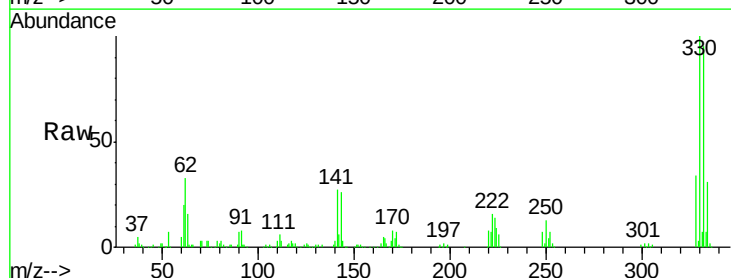
Tgt Ion:248 Resp: 33553

Ion Ratio Lower Upper

248 100

250 200.1 76.4 114.6#

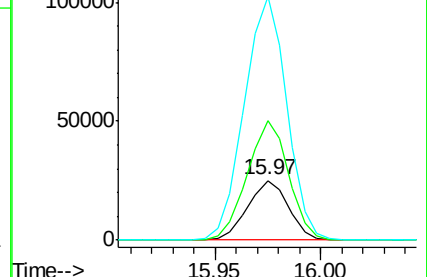
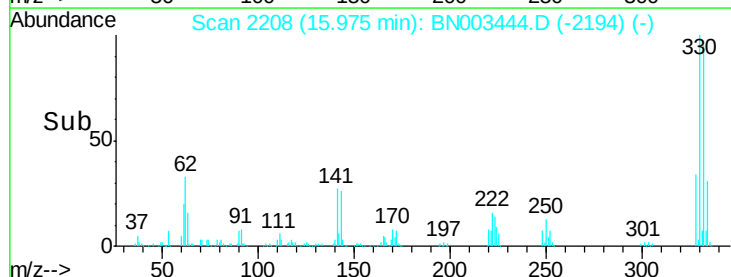
141 409.2 54.2 81.4#

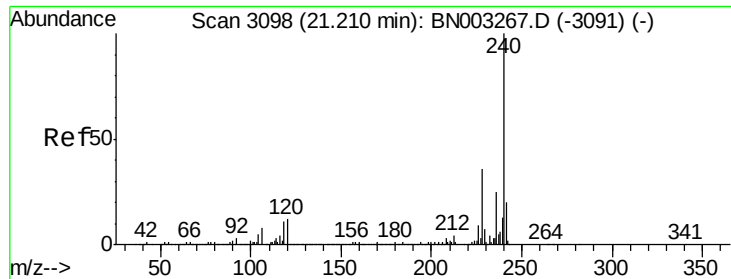


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BN003444.D

Acq: 06 Nov 2018 22:39

Instrument :

BNA_N

ClientSampled :

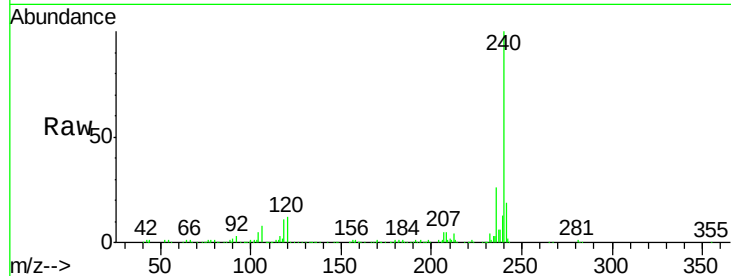
Tot Ion:240 Resp: 496507

Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.0

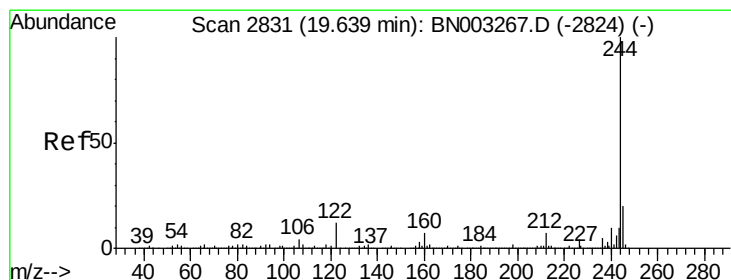
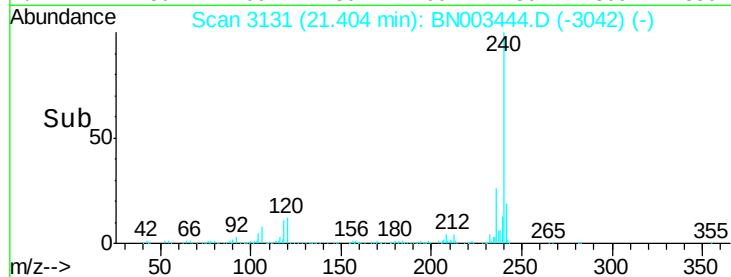
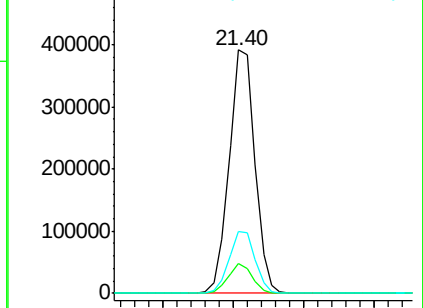
236 25.6 20.3 30.5



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



#79

Terphenyl-d14

Concen: 93.78 ng

RT: 19.85 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BN003444.D

Acq: 06 Nov 2018 22:39

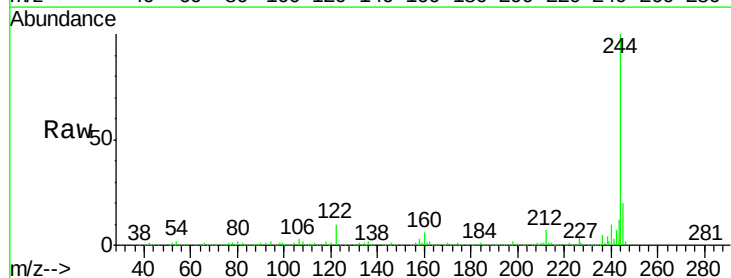
Tgt Ion:244 Resp: 2177401

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

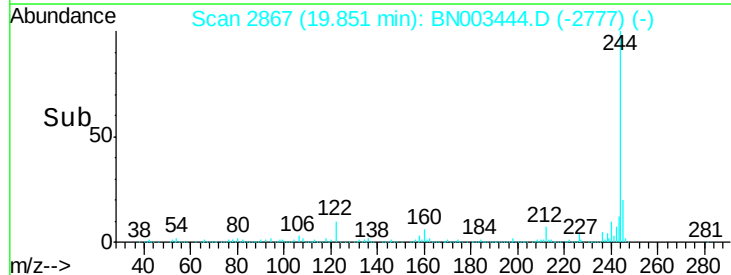
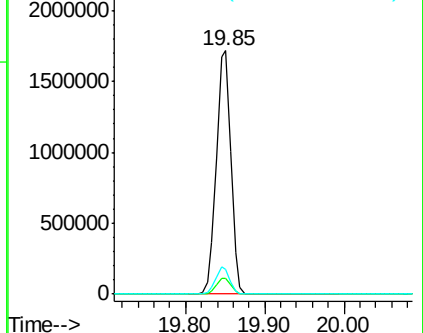
122 10.4 9.4 14.2

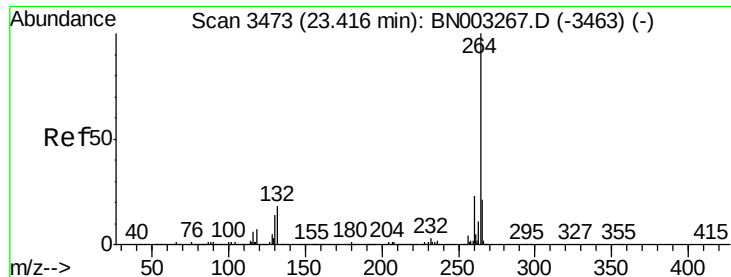


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

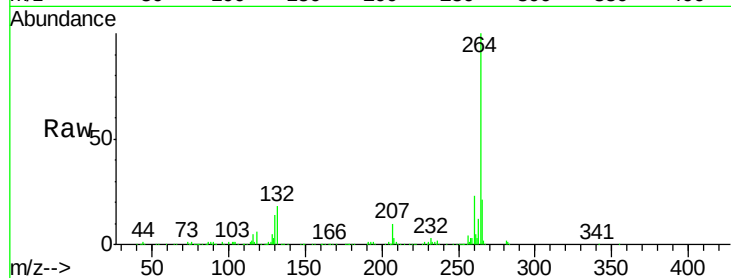




#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.72 min Scan# 3525
 Delta R.T. -0.01 min
 Lab File: BN003444.D
 Acq: 06 Nov 2018 22:39

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.2	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

