

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110618\
 Data File : BN003443.D
 Acq On : 06 Nov 2018 22:04
 Operator : MJ/SJ
 Sample : J5827-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 08:29:47 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

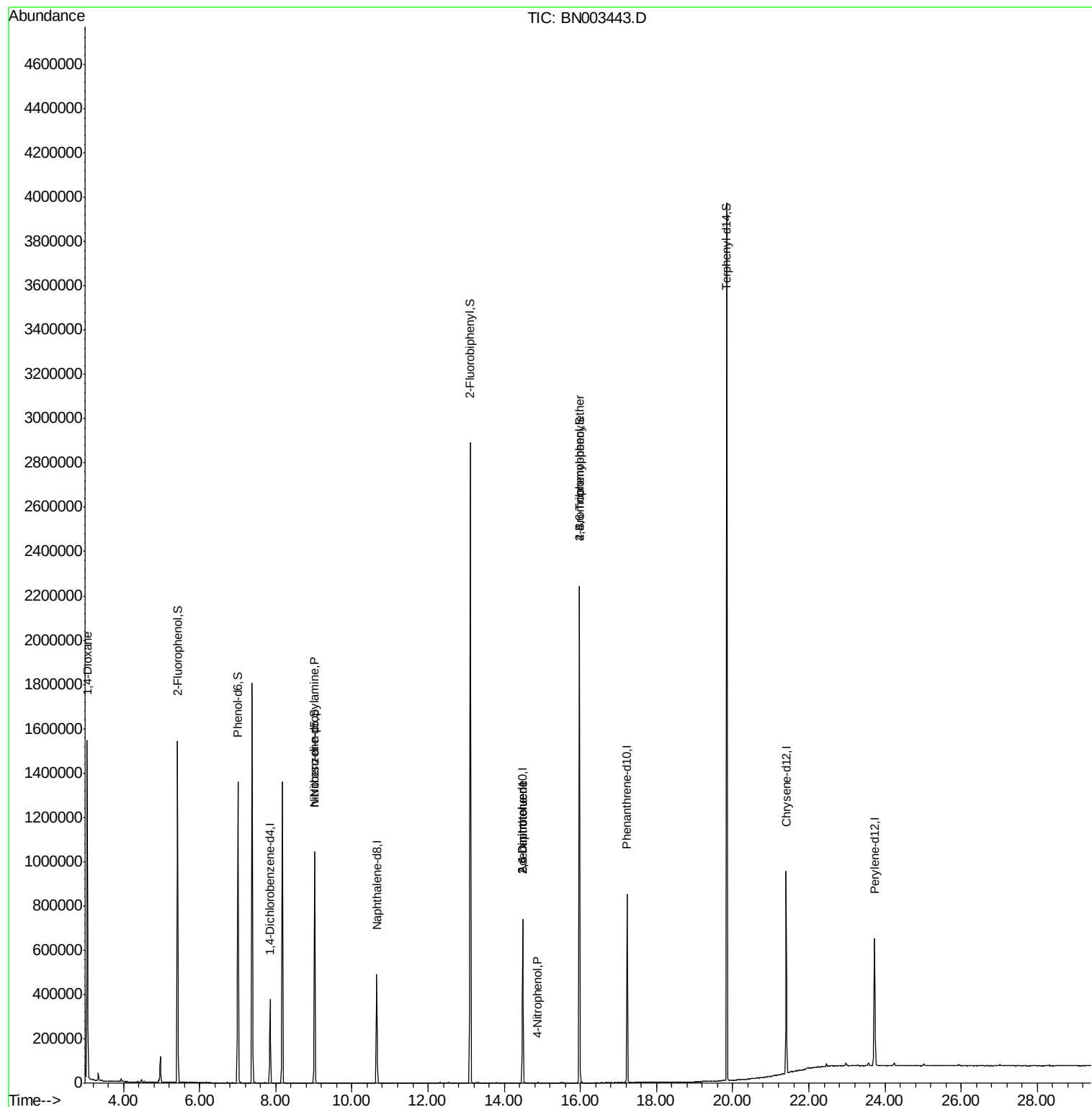
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	103847	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	426801	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	243241	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	503629	20.00	ng	0.00
76) Chrysene-d12	21.40	240	413379	20.00	ng	0.00
87) Perylene-d12	23.72	264	434259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	704034	118.08	ng	0.01
7) Phenol-d6	7.01	99	833398	98.30	ng	0.00
23) Nitrobenzene-d5	9.02	82	597188	80.24	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	455380	139.03	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1569676	87.53	ng	0.00
79) Terphenyl-d14	19.85	244	1909241	98.77	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.05	88	11886	4.20	ng	# 1
19) n-Nitroso-di-n-propylamine	9.02	70	76238	12.47	ng	# 74
51) 2,6-Dinitrotoluene	14.49	165	31127	6.97	ng	# 28
56) 4-Nitrophenol	14.89	139	119	5.45	ng	# 11
57) 2,4-Dinitrotoluene	14.49	165	31127	5.14	ng	# 19
67) 4-Bromophenyl-phenylether	15.97	248	29173	5.14	ng	# 1

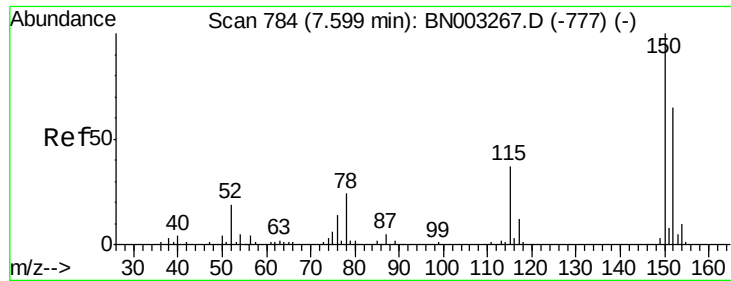
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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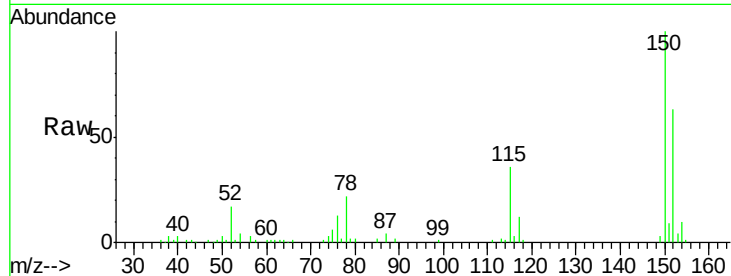


#1

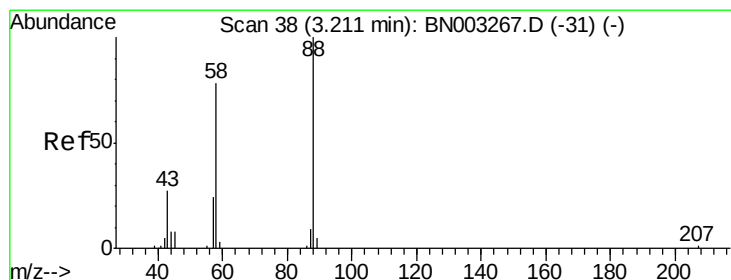
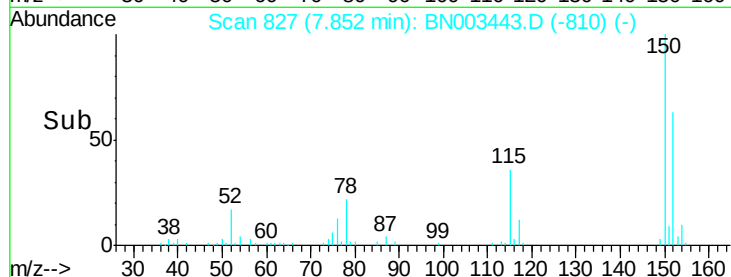
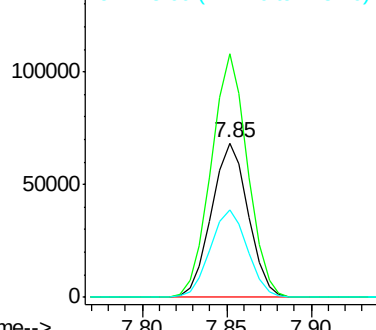
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003443.D
Acq: 06 Nov 2018 22:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.8	185.8
115	56.9	45.9	68.9



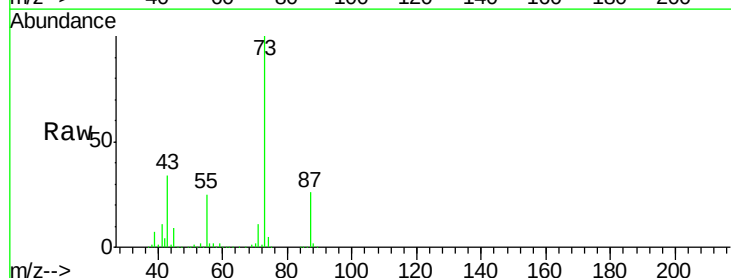
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



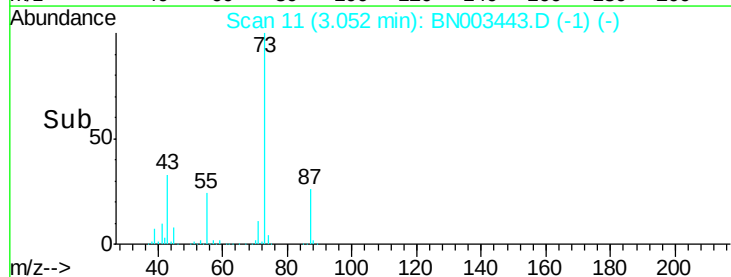
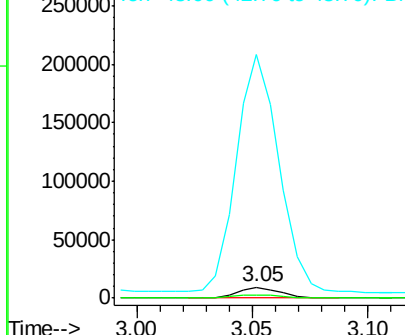
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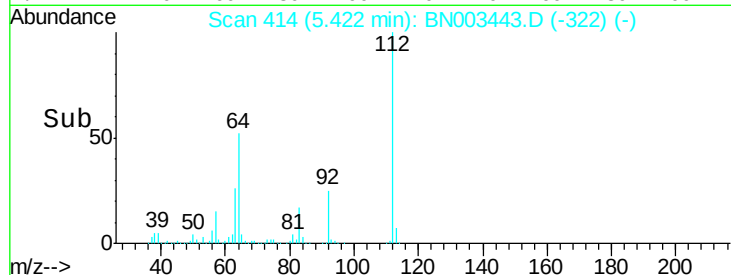
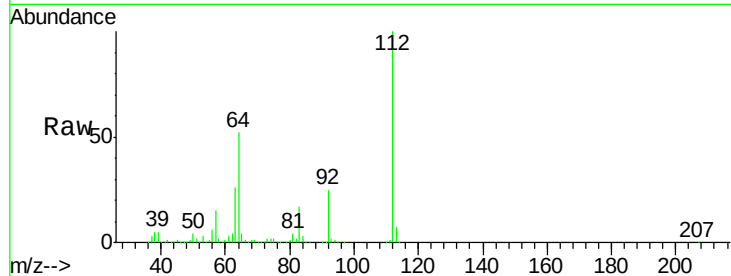
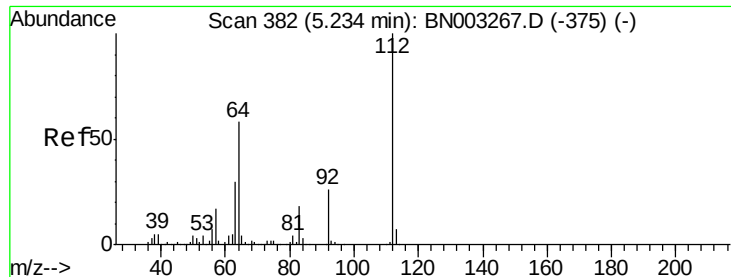
1,4-Dioxane
Concen: 4.20 ng
RT: 3.05 min Scan# 11
Delta R.T. -0.28 min
Lab File: BN003443.D
Acq: 06 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	28.0	61.1	91.7#
43	2196.0	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

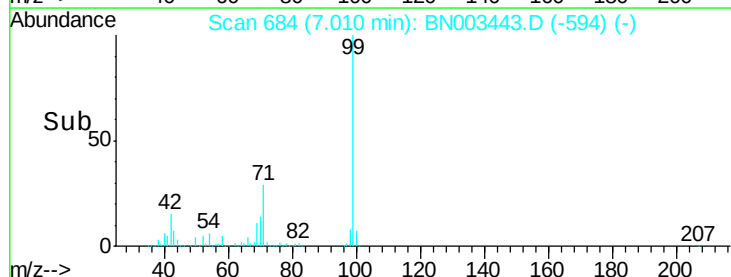
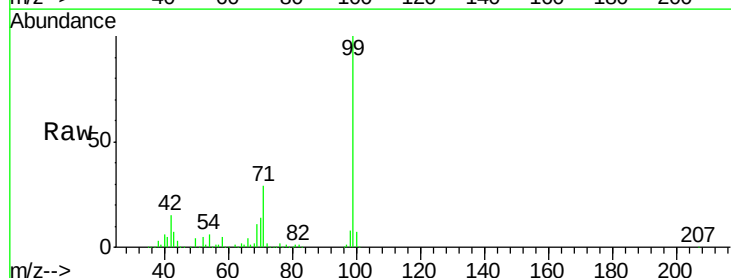
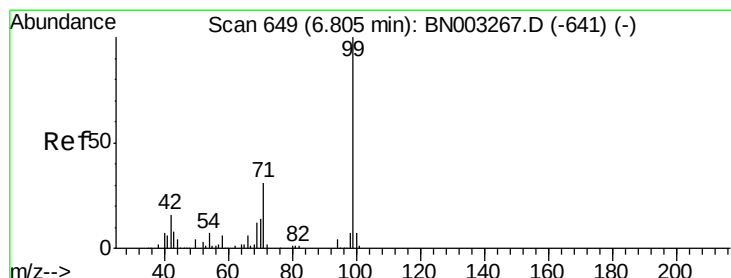
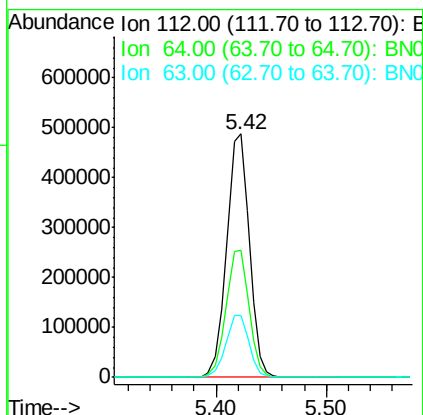




#5
2-Fluorophenol
Concen: 118.08 ng
RT: 5.42 min Scan# 414
Delta R.T. 0.01 min
Lab File: BN003443.D
Acq: 06 Nov 2018 22:04

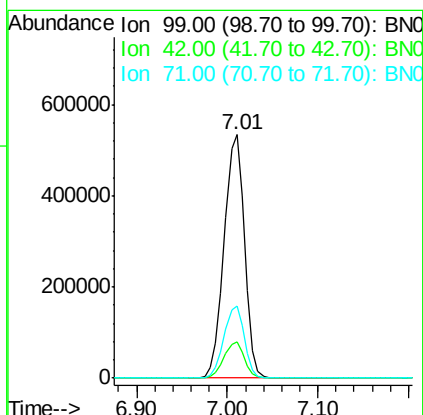
Instrument :
BNA_N
ClientSampleId :

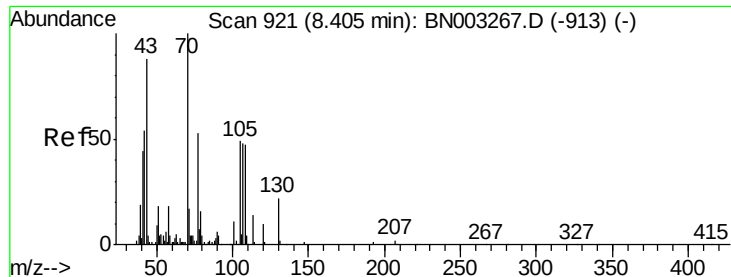
Tot Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.6	69.8
63	25.6	23.8	35.8



#7
Phenol-d6
Concen: 98.30 ng
RT: 7.01 min Scan# 684
Delta R.T. 0.00 min
Lab File: BN003443.D
Acq: 06 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.0	19.6
71	29.4	24.5	36.7

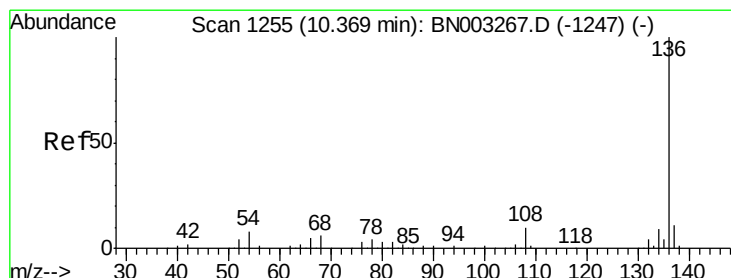
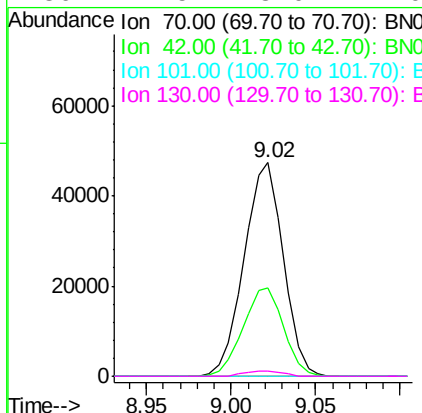
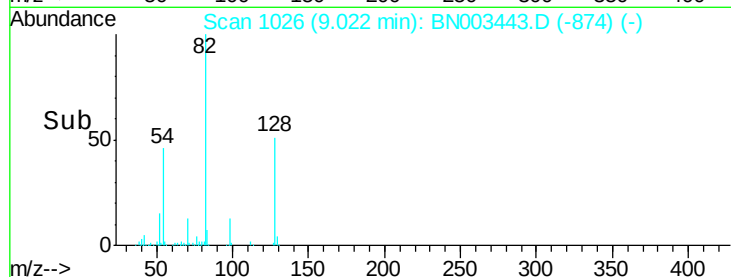
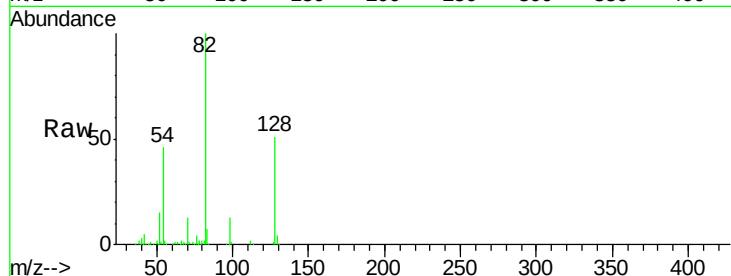




#19
n-Nitroso-di-n-propylamine
Concen: 12.47 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BN003443.D
Acq: 06 Nov 2018 22:04

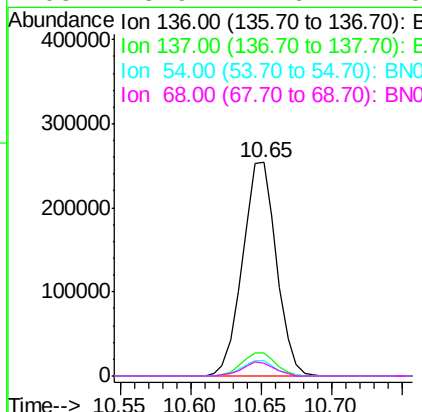
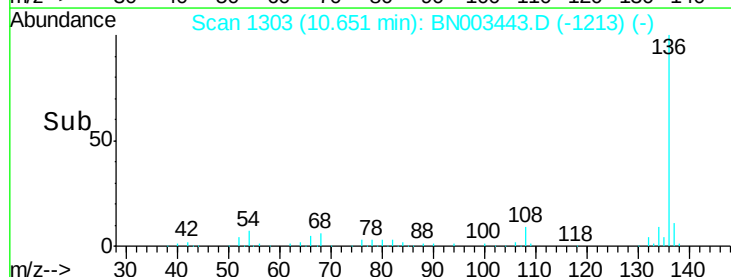
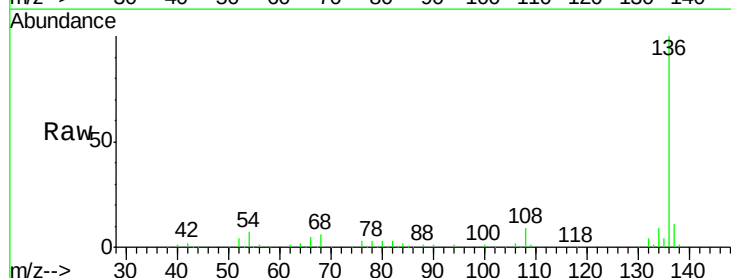
Instrument :
BNA_N
ClientSampleId :

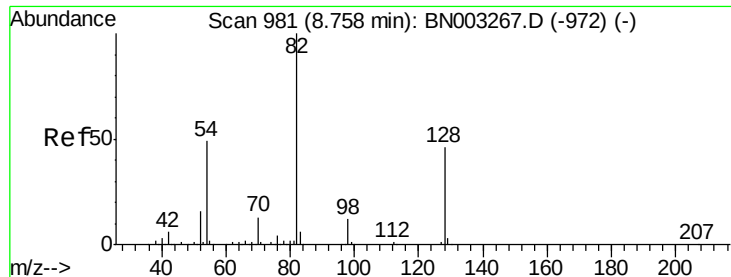
Tot Ion: 70 Resp: 76238
Ion Ratio Lower Upper
70 100
42 41.1 43.5 65.3#
101 0.0 8.6 12.8#
130 2.5 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BN003443.D
Acq: 06 Nov 2018 22:04

Tgt Ion: 136 Resp: 426801
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

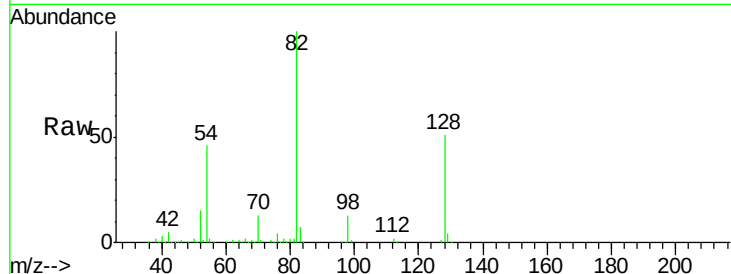




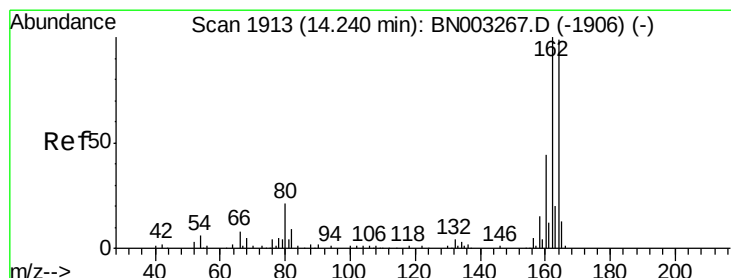
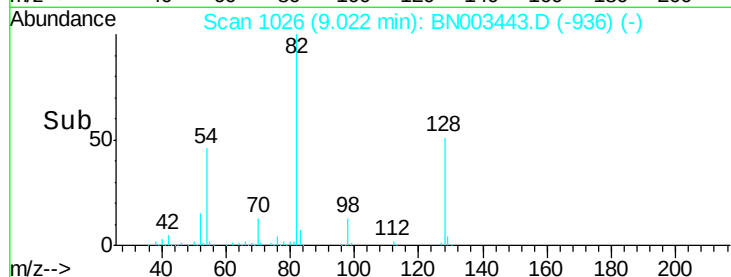
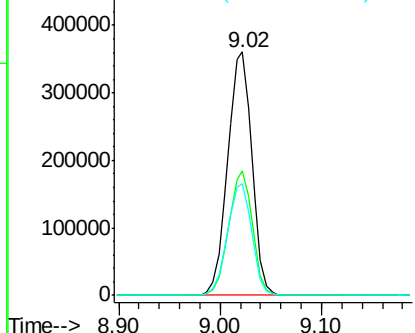
#23
Nitrobenzene-d5
Concen: 80.24 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BN003443.D
Acq: 06 Nov 2018 22:04

Instrument :
BNA_N
ClientSampled :

Tot Ion	82	Resp	597188
Ion Ratio	100	Lower	Upper
128	51.4	37.1	55.7
54	45.8	39.4	59.2

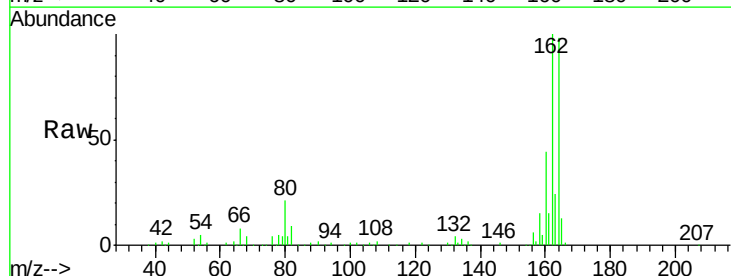


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BN0

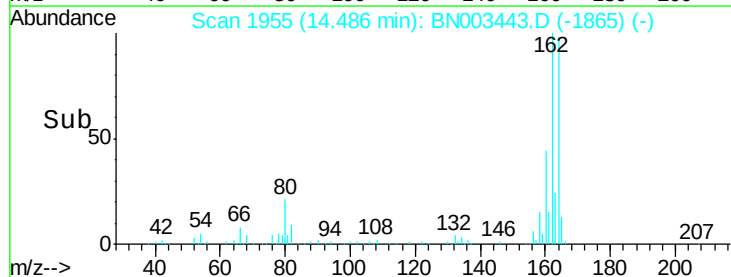
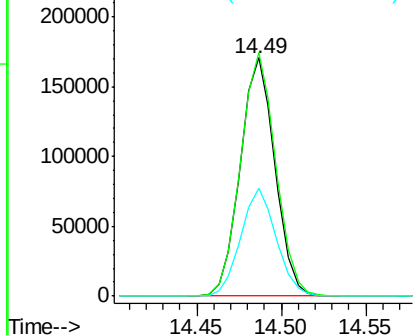


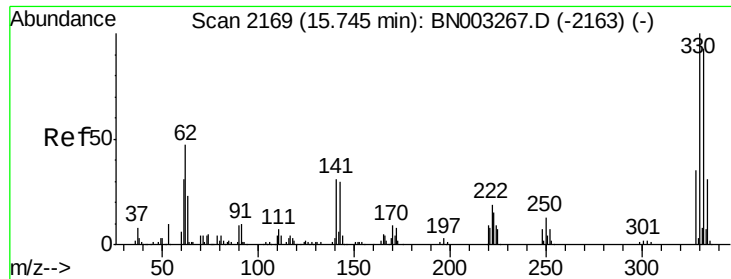
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BN003443.D
Acq: 06 Nov 2018 22:04

Tgt Ion	164	Resp	243241
Ion Ratio	100	Lower	Upper
162	102.3	80.8	121.2
160	45.2	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





#42

2,4,6-Tribromophenol

Concen: 139.03 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003443.D

Acq: 06 Nov 2018 22:04

Instrument :

BNA_N

ClientSampleId :

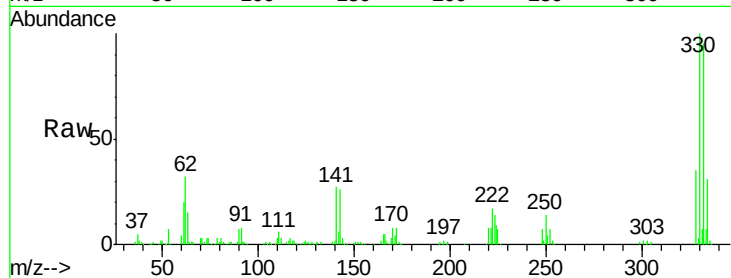
Tot Ion:330 Resp: 455380

Ion Ratio Lower Upper

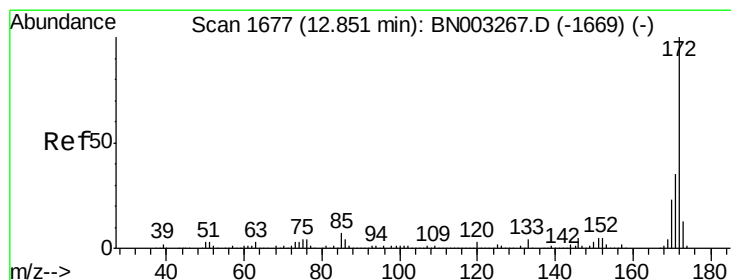
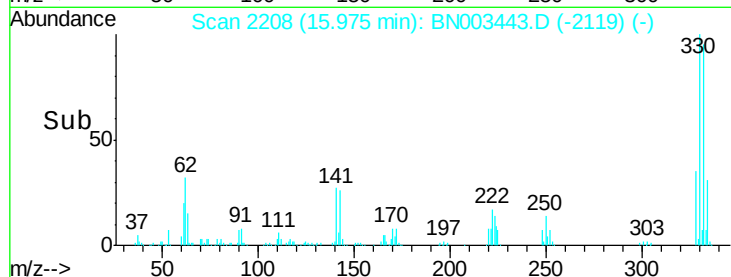
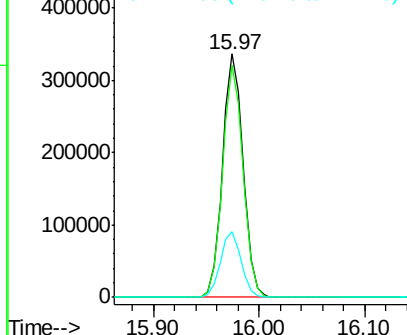
330 100

332 95.1 76.6 114.8

141 27.4 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



#45

2-Fluorobiphenyl

Concen: 87.53 ng

RT: 13.11 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BN003443.D

Acq: 06 Nov 2018 22:04

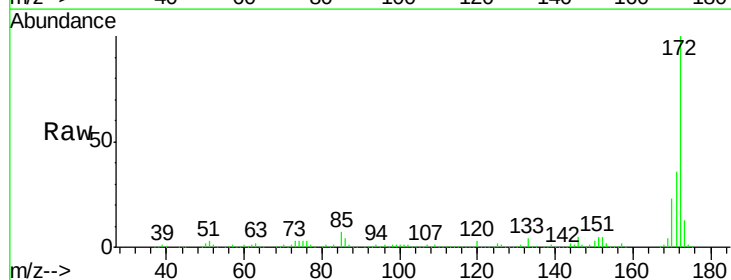
Tgt Ion:172 Resp: 1569676

Ion Ratio Lower Upper

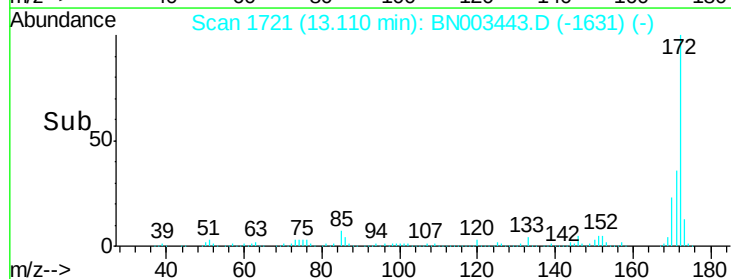
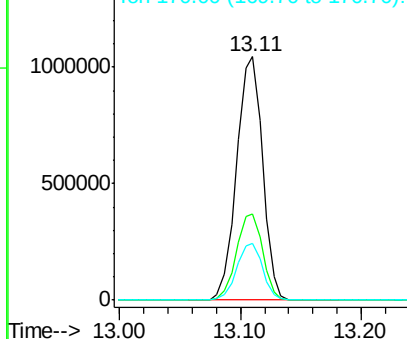
172 100

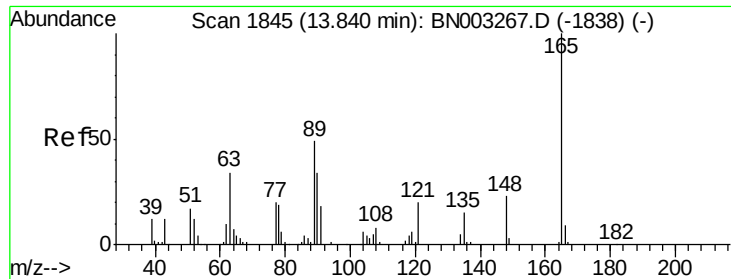
171 35.6 28.2 42.4

170 23.4 18.4 27.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

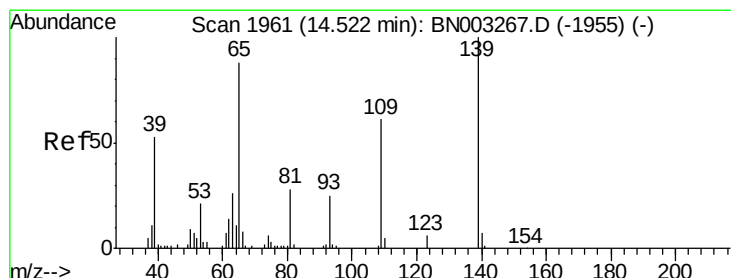
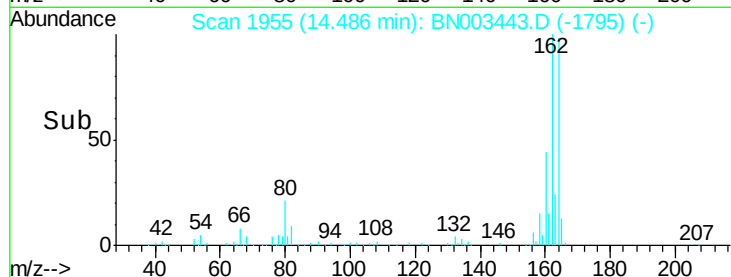
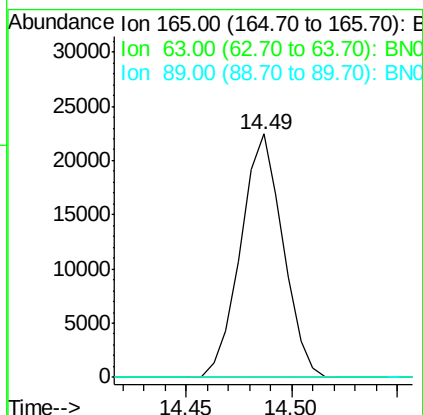
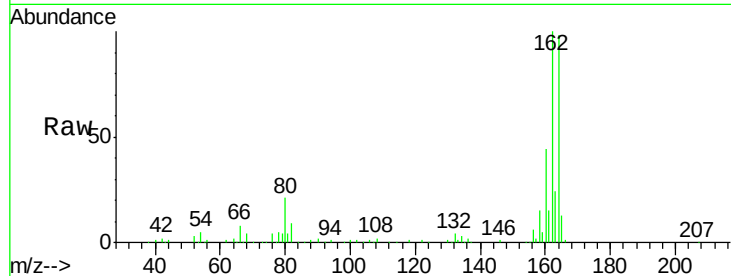




#51
 2,6-Dinitrotoluene
 Concen: 6.97 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.41 min
 Lab File: BN003443.D
 Acq: 06 Nov 2018 22:04

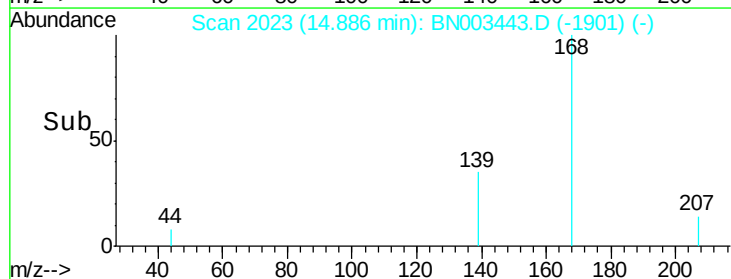
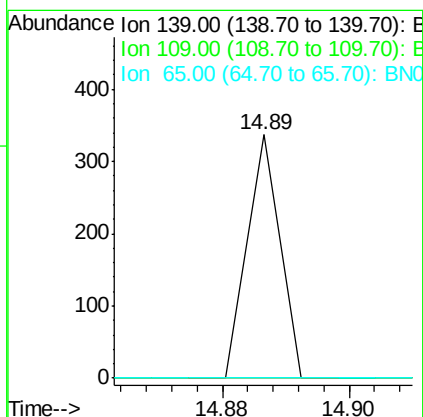
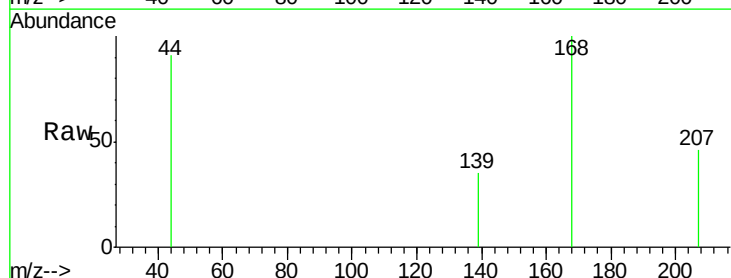
Instrument :
 BNA_N
 ClientSampleId :

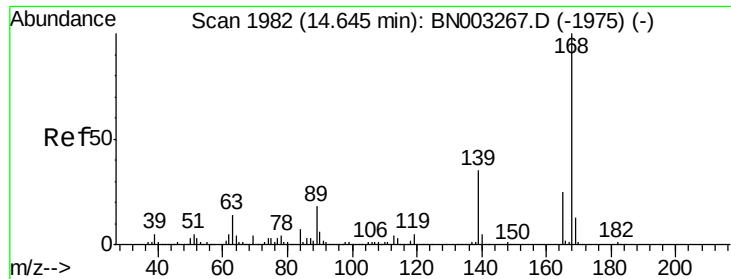
Tot Ion:165 Resp: 31127
 Ion Ratio Lower Upper
 165 100
 63 0.0 39.2 58.8#
 89 0.0 38.9 58.3#



#56
 4-Nitrophenol
 Concen: 5.45 ng
 RT: 14.89 min Scan# 2023
 Delta R.T. 0.19 min
 Lab File: BN003443.D
 Acq: 06 Nov 2018 22:04

Tgt Ion:139 Resp: 119
 Ion Ratio Lower Upper
 139 100
 109 0.0 40.7 80.7#
 65 0.0 68.0 108.0#

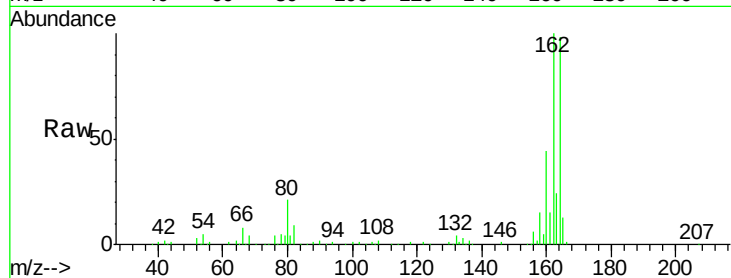




#57
 2,4-Dinitrotoluene
 Concen: 5.14 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003443.D
 Acq: 06 Nov 2018 22:04

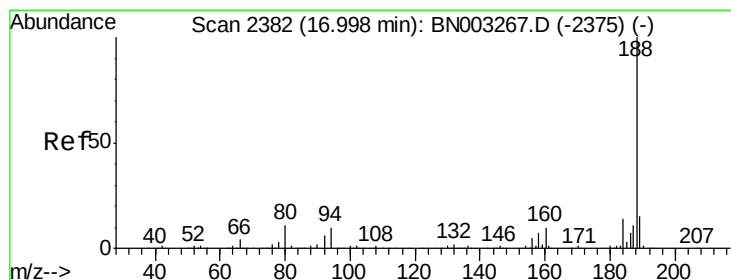
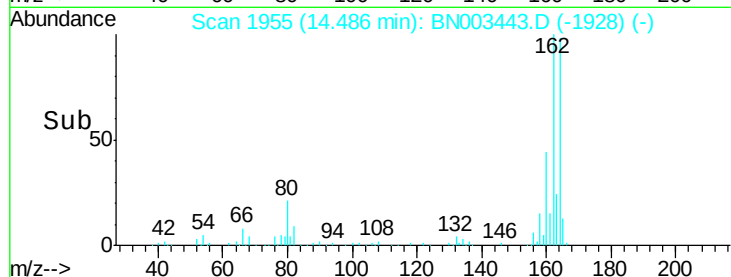
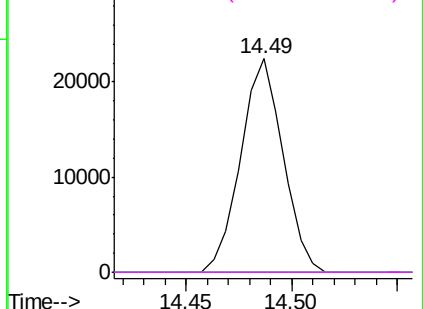
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 31127
 Ion Ratio Lower Upper
 165 100
 63 0.0 45.8 68.6#
 89 0.0 58.7 88.1#
 182 0.0 2.3 3.5#



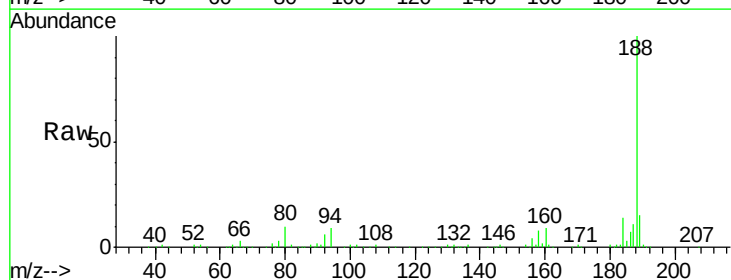
Abundance Ion 165.00 (164.70 to 165.70): E

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



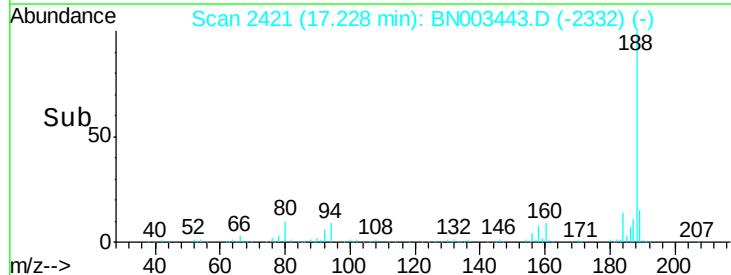
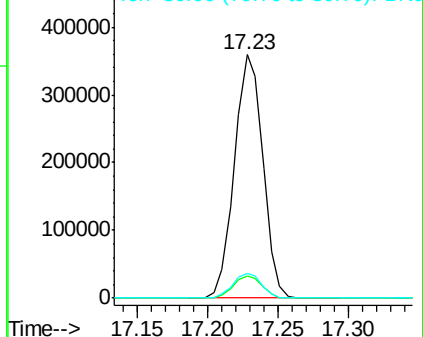
#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003443.D
 Acq: 06 Nov 2018 22:04

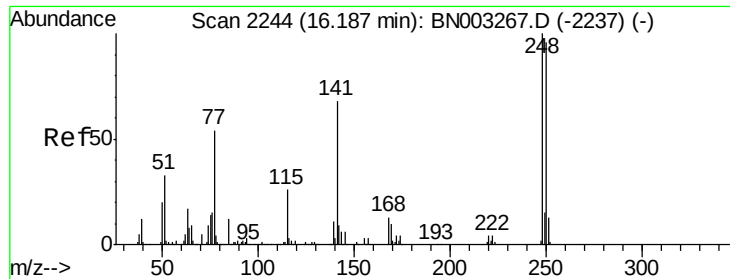
Tgt Ion:188 Resp: 503629
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.1 12.1
 80 10.4 8.6 13.0



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

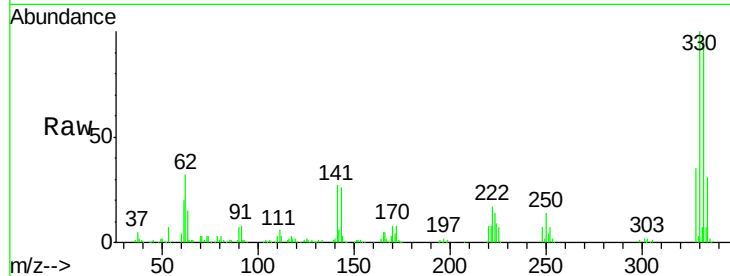




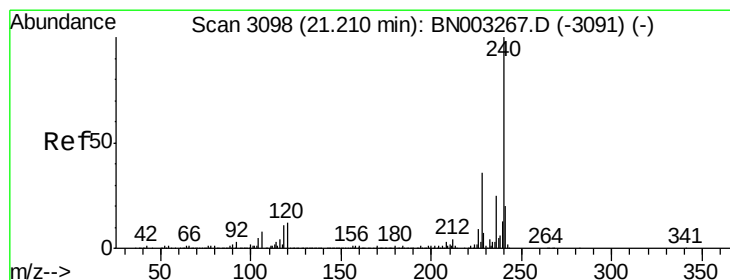
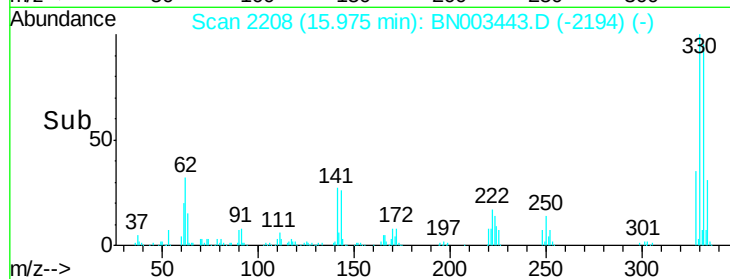
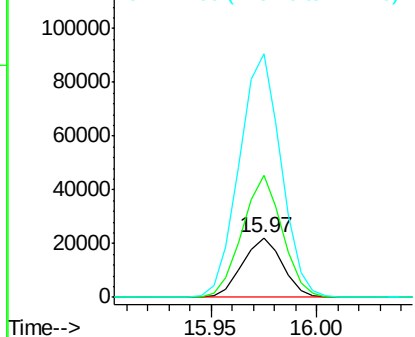
#67
4-Bromophenyl-phenylether
Concen: 5.14 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BN003443.D
Acq: 06 Nov 2018 22:04

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 29173
Ion Ratio Lower Upper
248 100
250 206.1 76.4 114.6#
141 409.2 54.2 81.4#

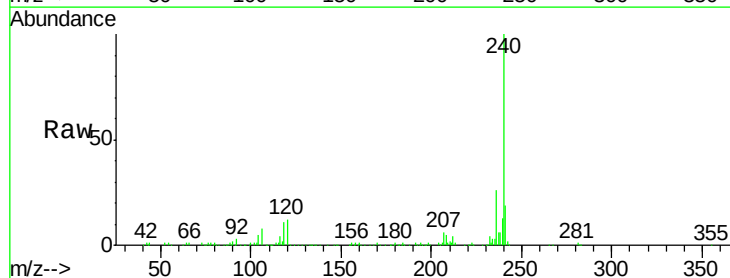


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

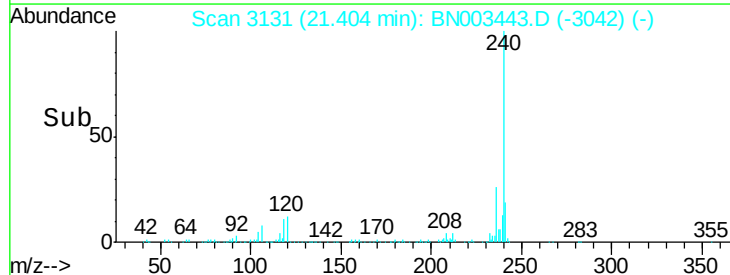
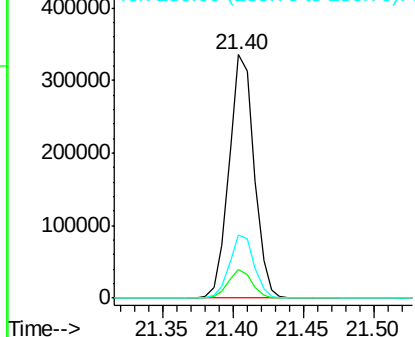


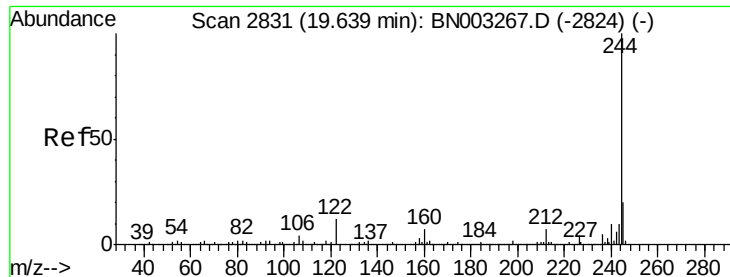
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003443.D
Acq: 06 Nov 2018 22:04

Tgt Ion:240 Resp: 413379
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.0
236 26.0 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: 98.77 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003443.D

Acq: 06 Nov 2018 22:04

Instrument :

BNA_N

ClientSampleId :

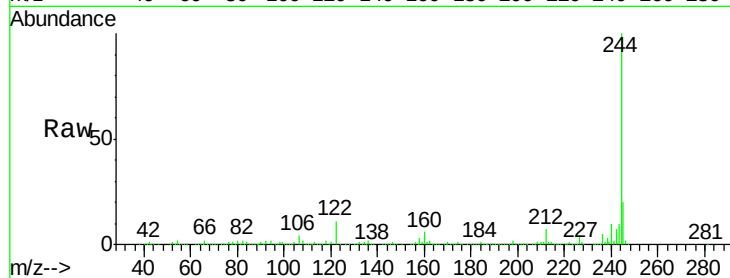
Tot Ion:244 Resp: 1909241

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

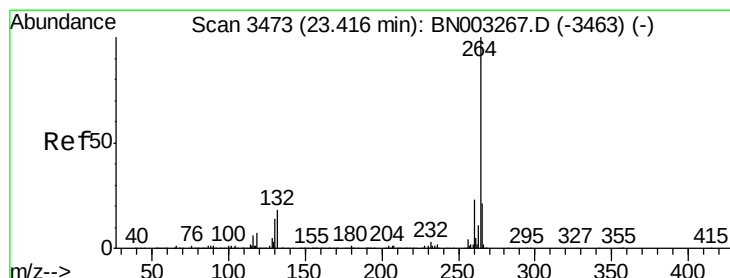
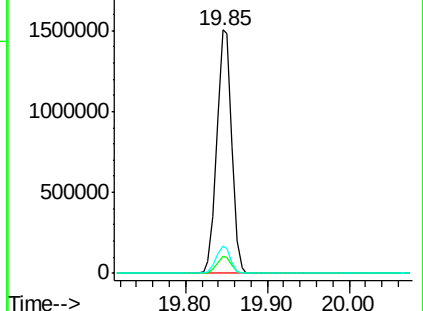
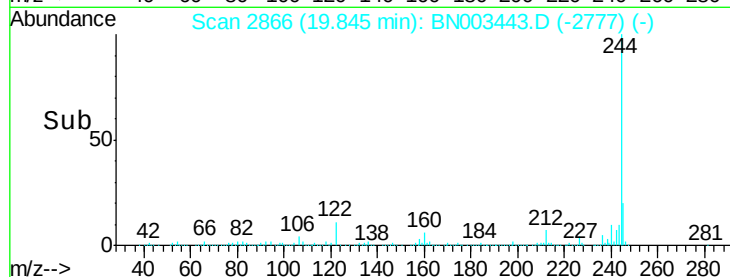
122 11.3 9.4 14.2



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

Perylene-d12

Concen: 20.00 ng

RT: 23.72 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BN003443.D

Acq: 06 Nov 2018 22:04

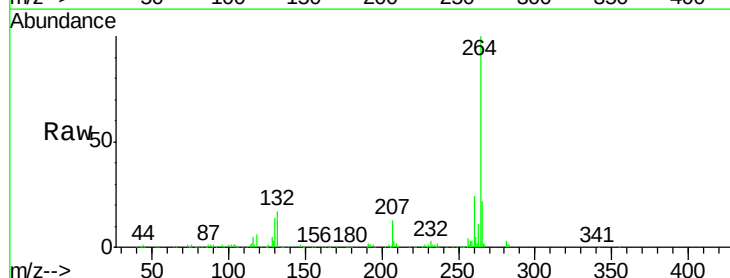
Tgt Ion:264 Resp: 434259

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.0 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

