

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
 Data File : BN003453.D
 Acq On : 07 Nov 2018 16:00
 Operator : MJ/SJ
 Sample : J5829-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 110518-SIDI-F-D-M

Quant Time: Nov 08 15:56:48 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	109592	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	494962	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	306359	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	686802	20.00	ng	0.00
76) Chrysene-d12	21.40	240	556764	20.00	ng	0.00
87) Perylene-d12	23.72	264	535108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	281683	44.77	ng	0.00
7) Phenol-d6	7.00	99	227917	25.47	ng	-0.01
23) Nitrobenzene-d5	9.02	82	791911	91.76	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	467097	113.23	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	2223092	98.43	ng	0.00
79) Terphenyl-d14	19.85	244	2816265	108.17	ng	0.00

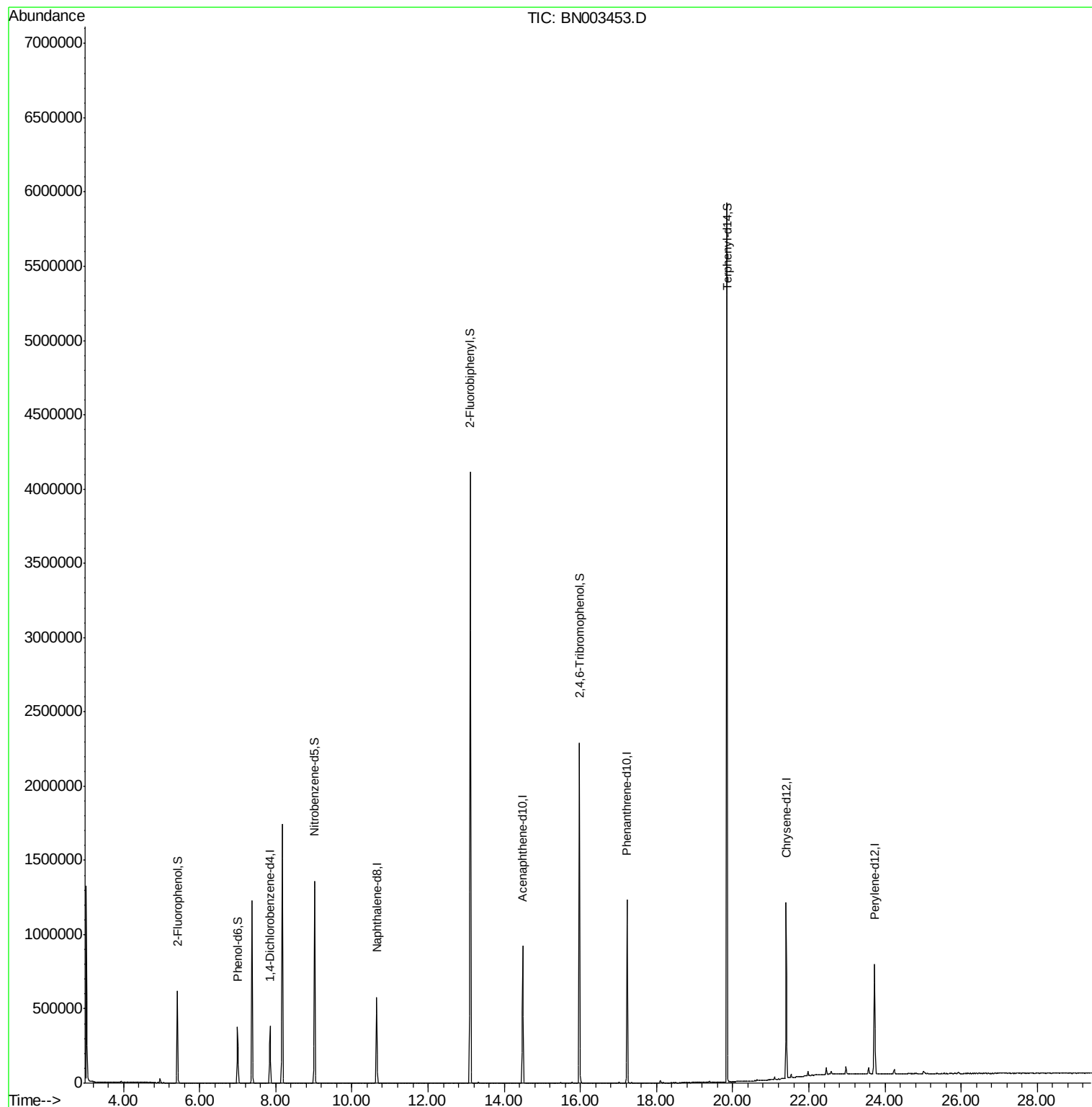
Target Compounds	Qvalue
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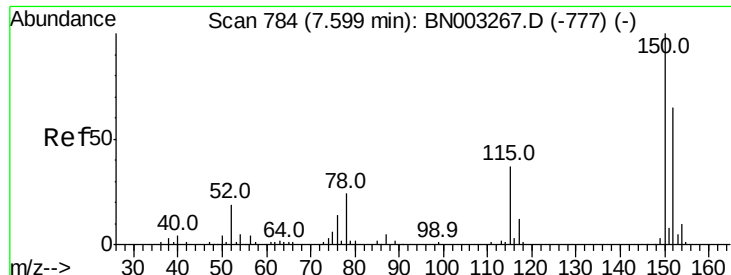
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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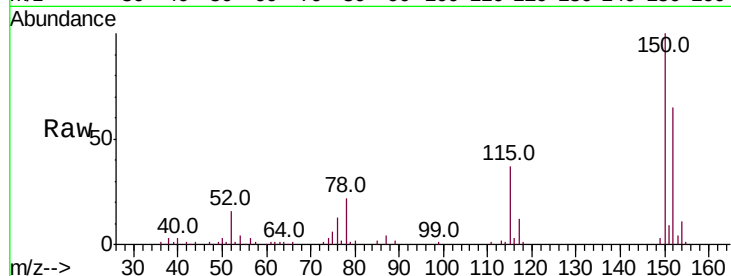


#1

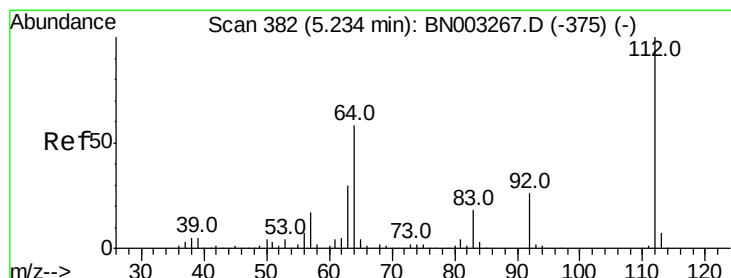
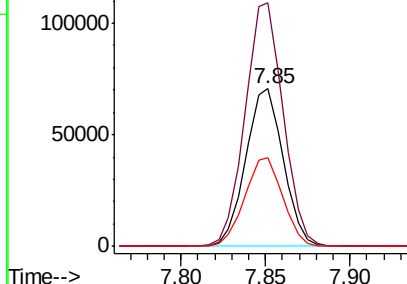
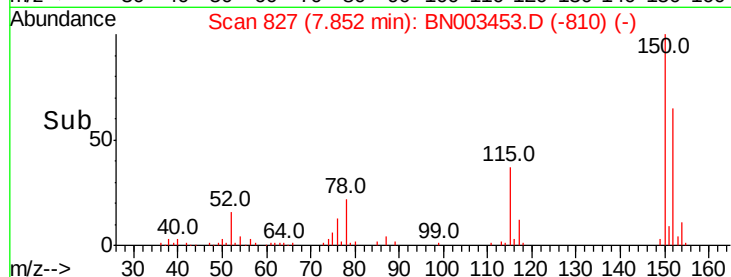
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003453.D
Acq: 07 Nov 2018 16:00

Instrument :
BNA_N
ClientSampleId :
110518-SIDI-F-D-M

Tot Ion:152 Resp: 109592
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.8
115 56.6 45.9 68.9



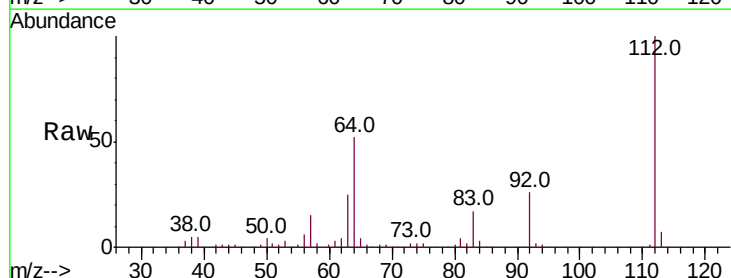
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



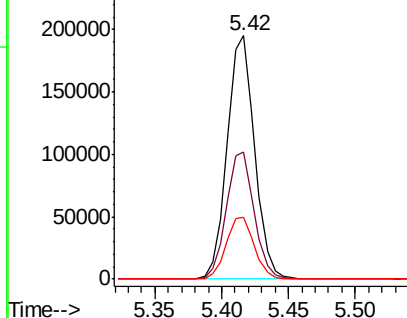
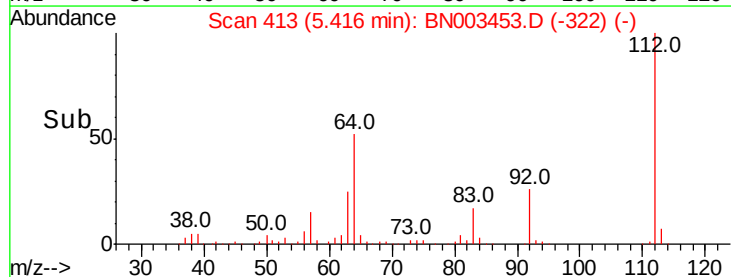
#5

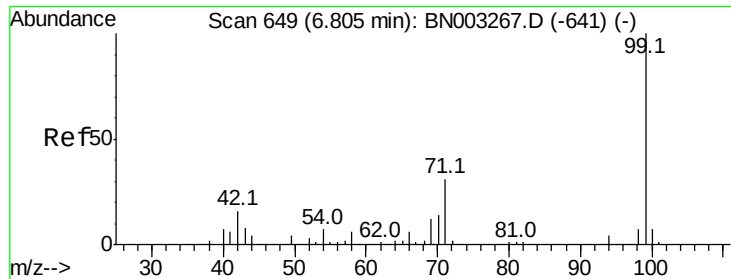
2-Fluorophenol
Concen: 44.768 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003453.D
Acq: 07 Nov 2018 16:00

Tgt Ion:112 Resp: 281683
Ion Ratio Lower Upper
112 100
64 52.3 46.6 69.8
63 25.2 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





#7

Phenol-d6

Concen: 25.474 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003453.D

Acq: 07 Nov 2018 16:00

Instrument :

BNA_N

ClientSampleId :

110518-SIDI-F-D-M

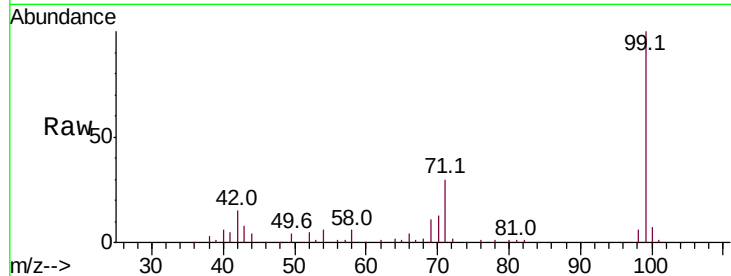
Tot Ion: 99 Resp: 227917

Ion Ratio Lower Upper

99 100

42 14.7 13.0 19.6

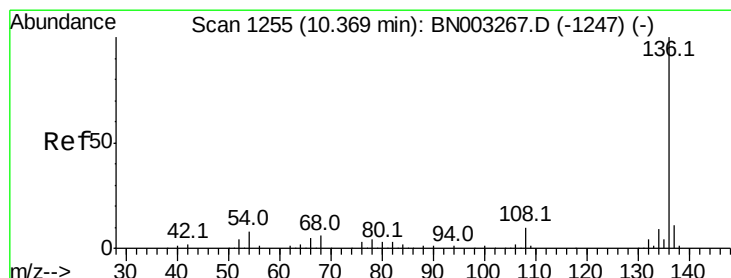
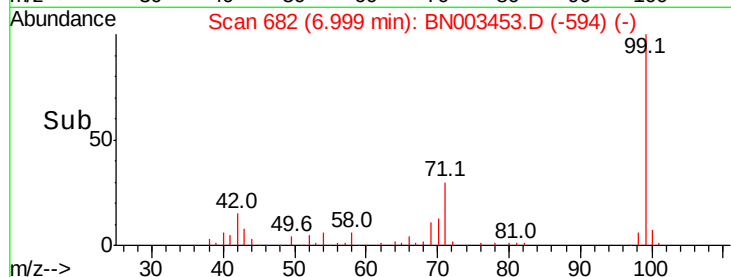
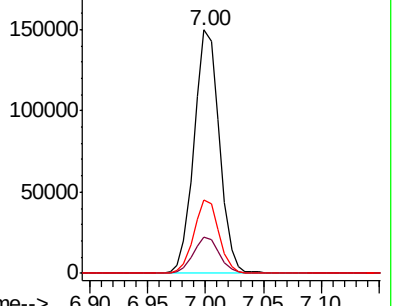
71 30.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN003267.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BN003267.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN003453.D

Acq: 07 Nov 2018 16:00

Tgt Ion: 136 Resp: 494962

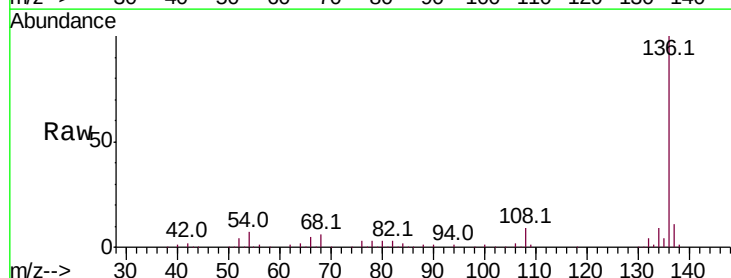
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.2 6.6 10.0

68 6.2 4.6 7.0

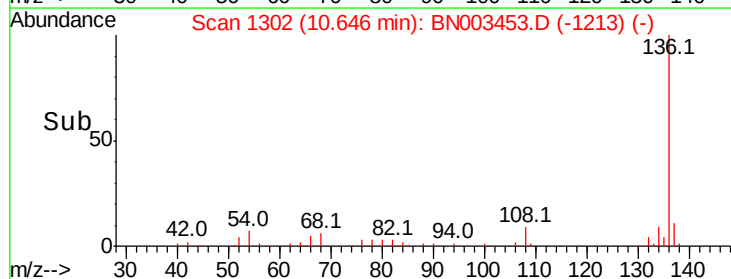
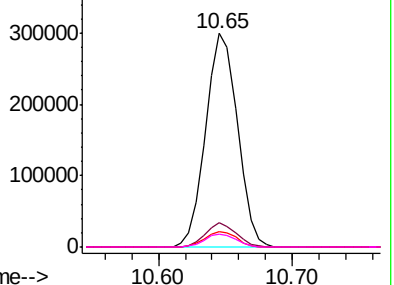


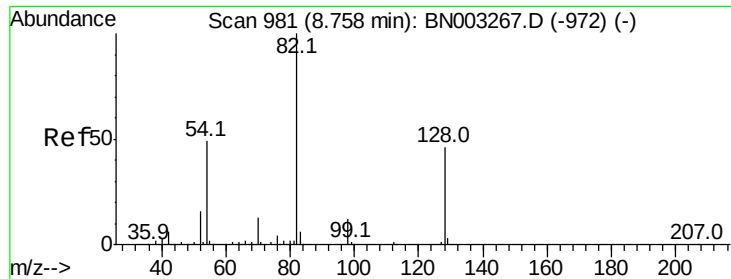
Abundance Ion 136.00 (135.70 to 136.70): BN003267.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BN003267.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BN003267.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BN003267.D (-1247) (-)

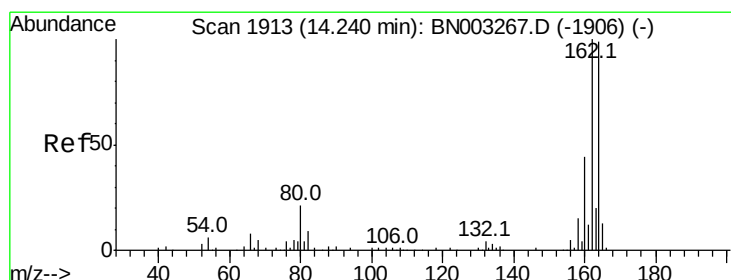
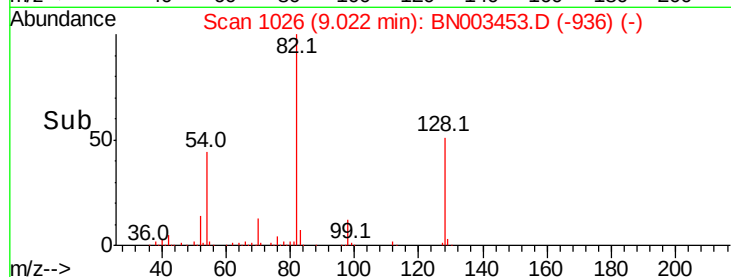
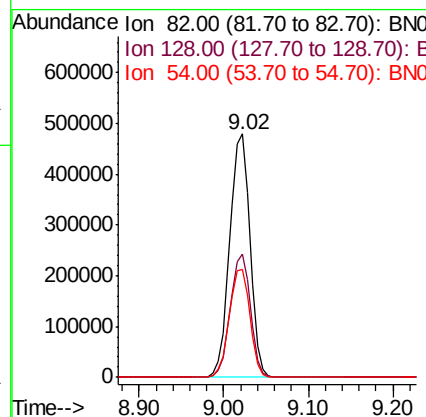
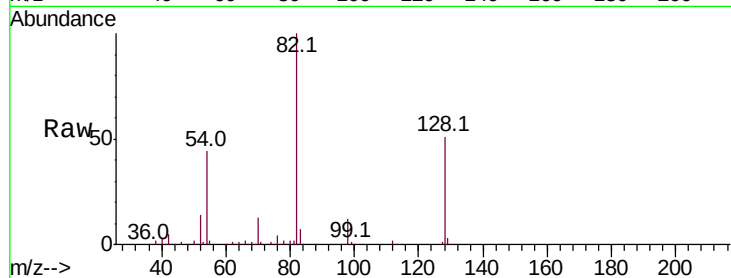




#23
Nitrobenzene-d5
Concen: 91.756 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BN003453.D
Acq: 07 Nov 2018 16:00

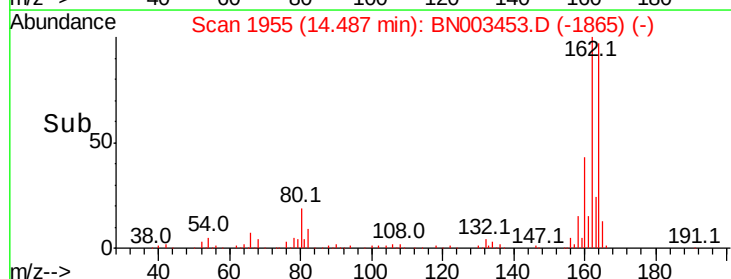
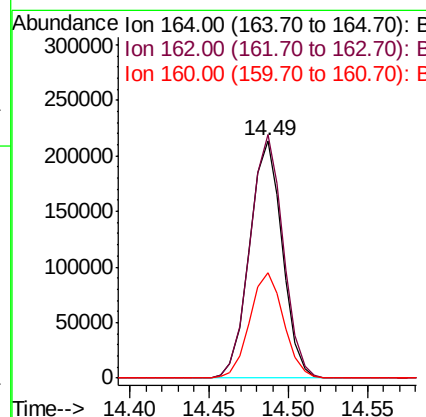
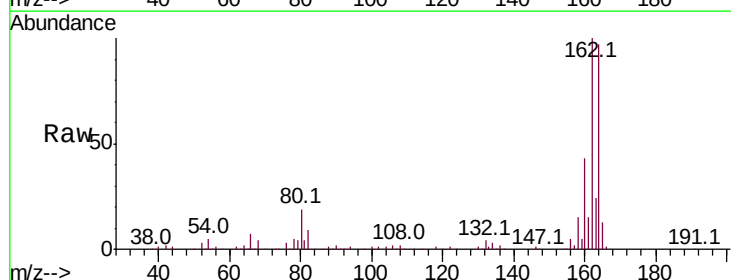
Instrument :
BNA_N
ClientSampleId :
110518-SIDI-F-D-M

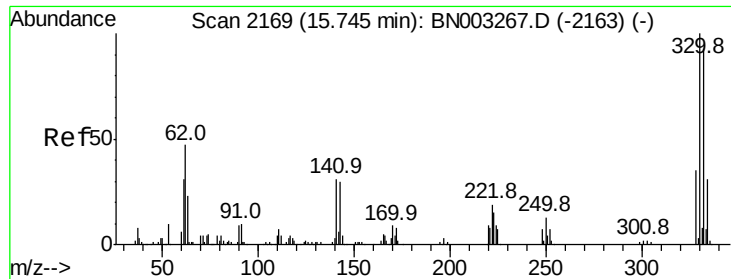
Tot Ion: 82 Resp: 791911
Ion Ratio Lower Upper
82 100
128 50.5 37.1 55.7
54 44.2 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BN003453.D
Acq: 07 Nov 2018 16:00

Tgt Ion:164 Resp: 306359
Ion Ratio Lower Upper
164 100
162 102.6 80.8 121.2
160 44.6 35.5 53.3

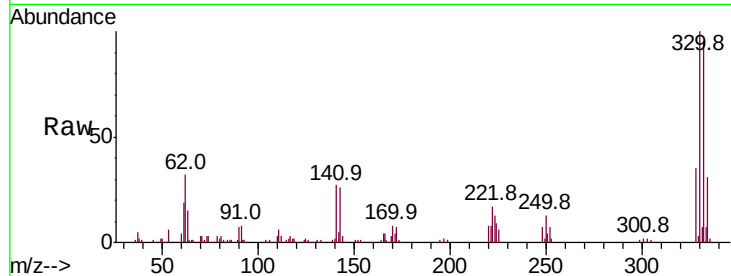




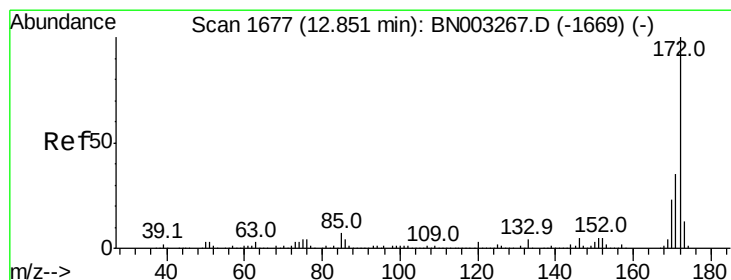
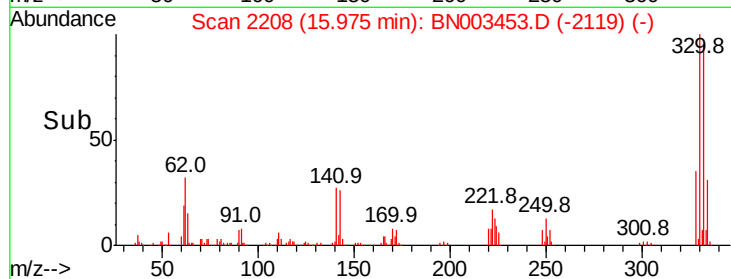
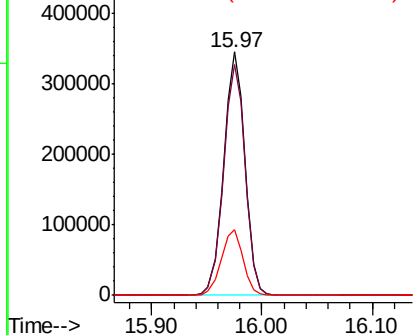
#42
 2,4,6-Tribromophenol
 Concen: 113.229 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003453.D
 Acq: 07 Nov 2018 16:00

Instrument :
 BNA_N
 ClientSampleId :
 110518-SIDI-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	27.4	24.5	36.7

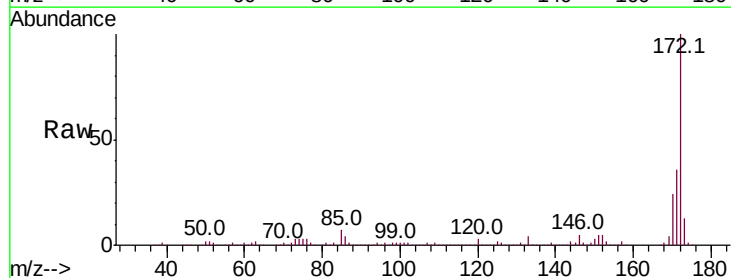


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

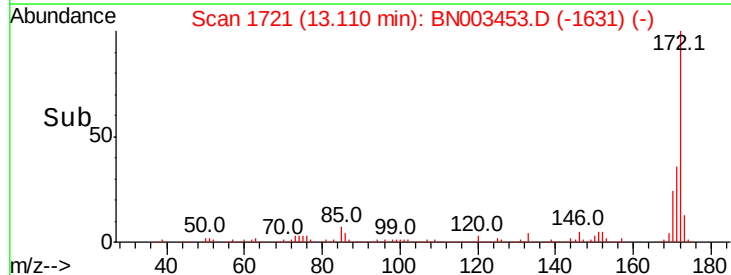
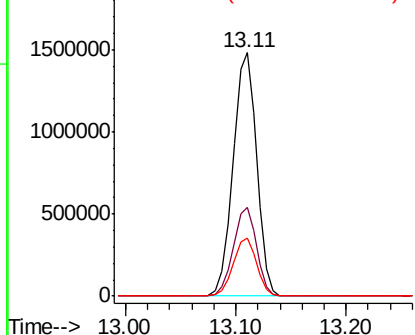


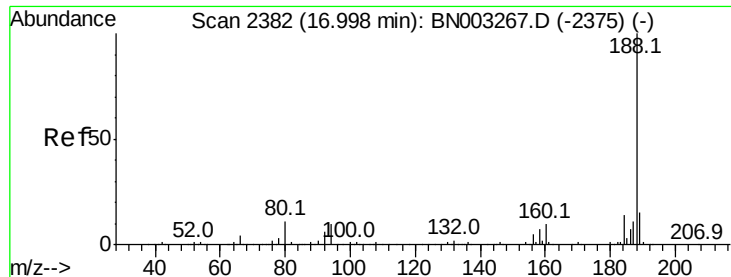
#45
 2-Fluorobiphenyl
 Concen: 98.429 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN003453.D
 Acq: 07 Nov 2018 16:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.4
170	23.7	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN003453.D

Acq: 07 Nov 2018 16:00

Instrument :

BNA_N

ClientSampleId :

110518-SIDI-F-D-M

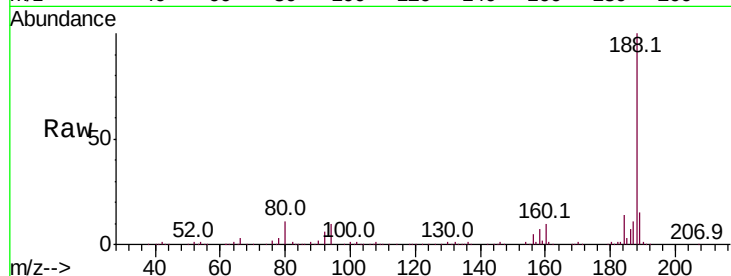
Tot Ion:188 Resp: 686802

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

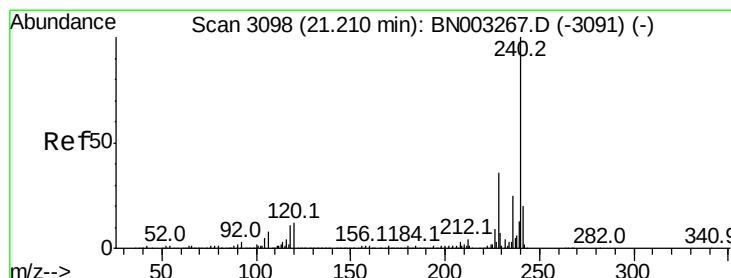
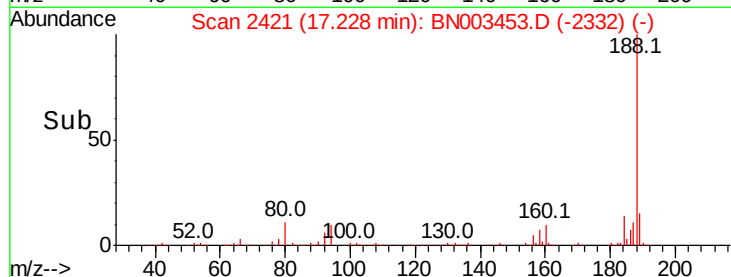
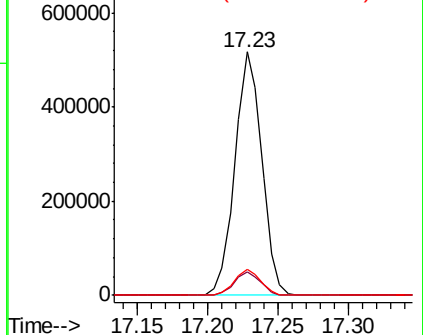
80 10.6 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BN003453.D

Acq: 07 Nov 2018 16:00

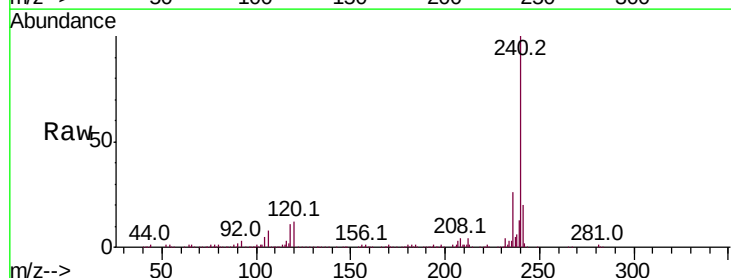
Tgt Ion:240 Resp: 556764

Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.0

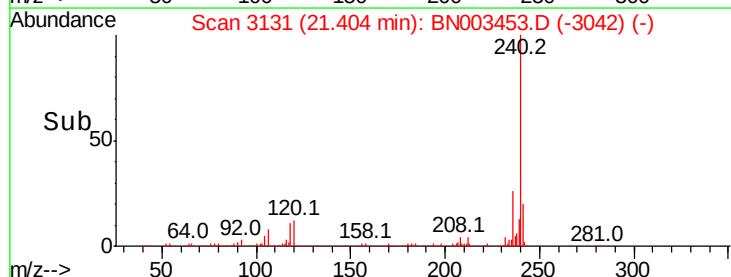
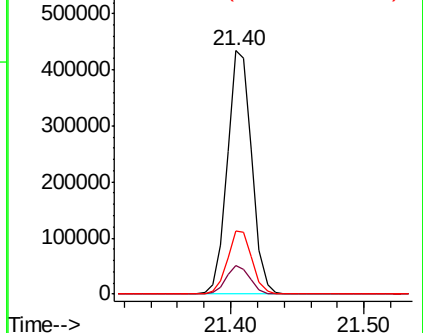
236 25.7 20.3 30.5

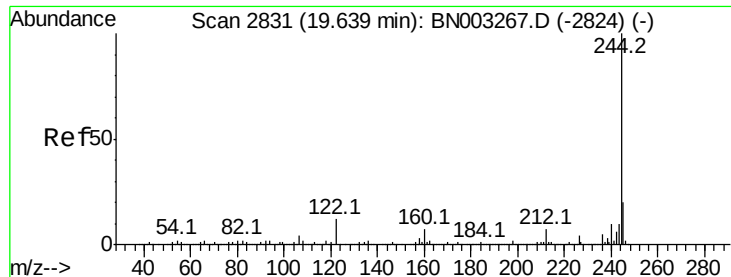


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.174 ng

RT: 19.85 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BN003453.D

Acq: 07 Nov 2018 16:00

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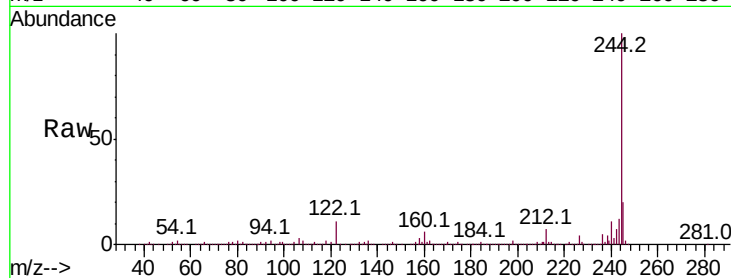
Tot Ion:244 Resp: 2816265

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

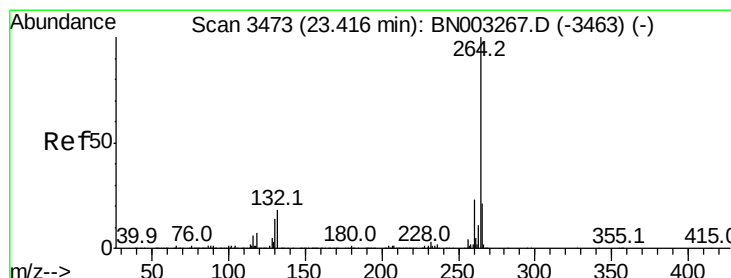
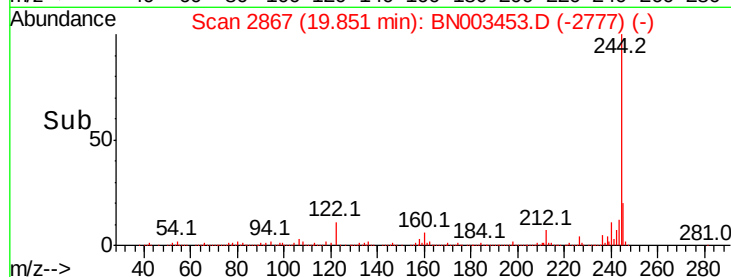
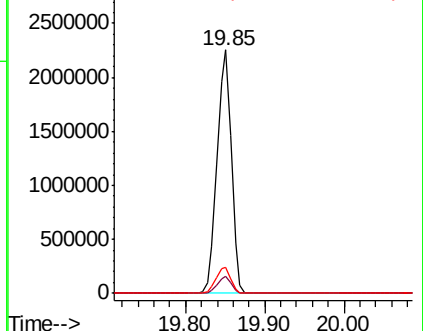
122 10.6 9.4 14.2



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: 20.000 ng

RT: 23.72 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BN003453.D

Acq: 07 Nov 2018 16:00

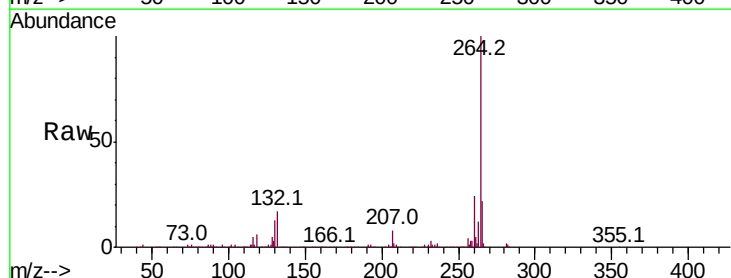
Tgt Ion:264 Resp: 535108

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 21.8 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

