

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003479.D
 Acq On : 09 Nov 2018 19:21
 Operator : MJ/SJ
 Sample : J5860-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-107(14-16)

Quant Time: Nov 12 03:20:51 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

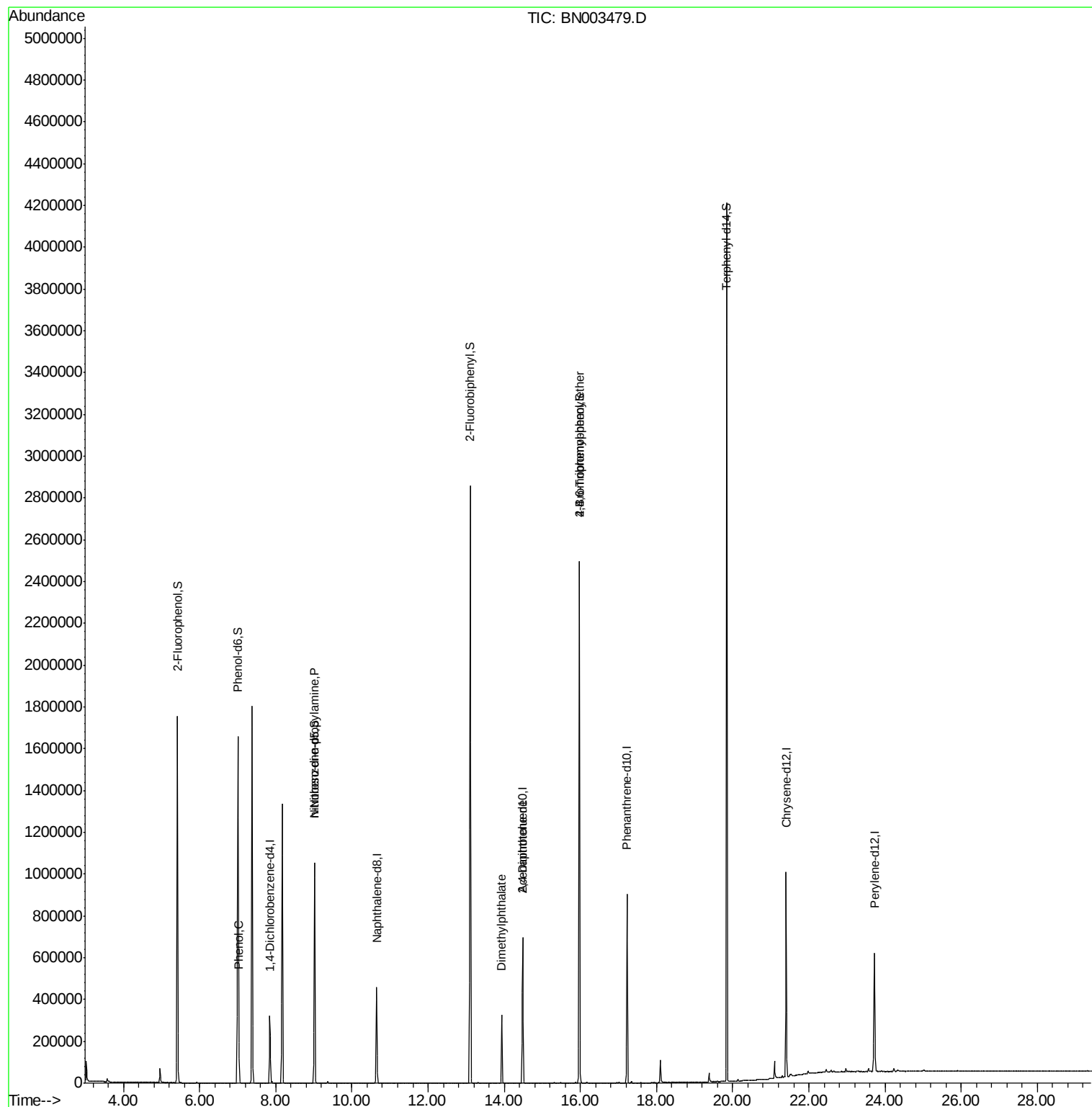
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	92498	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	395461	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	235053	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	517982	20.00	ng	0.00
76) Chrysene-d12	21.40	240	421932	20.00	ng	0.00
87) Perylene-d12	23.72	264	417160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	784269	147.68	ng	0.00
7) Phenol-d6	7.01	99	1057493	140.04	ng	0.00
23) Nitrobenzene-d5	9.02	82	603338	87.50	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	519701	164.20	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1532451	88.43	ng	0.00
79) Terphenyl-d14	19.85	244	2034830	103.13	ng	0.00
Target Compounds						
10) Phenol	7.03	94	76843	9.643	ng	96
19) n-Nitroso-di-n-propylamine	9.02	70	76246	14.002	ng	# 76
50) Dimethylphthalate	13.93	163	214972	11.311	ng	100
57) 2,4-Dinitrotoluene	14.49	165	30124	5.150	ng	# 19
67) 4-Bromophenyl-phenylether	15.97	248	33540	5.749	ng	# 1

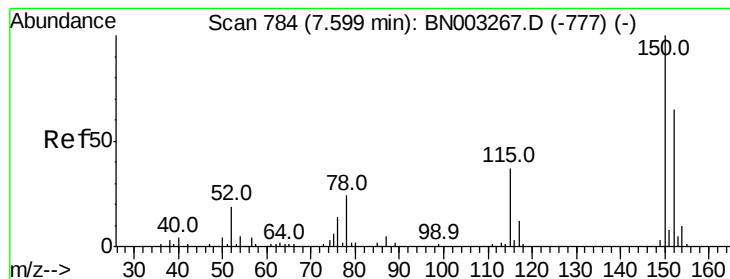
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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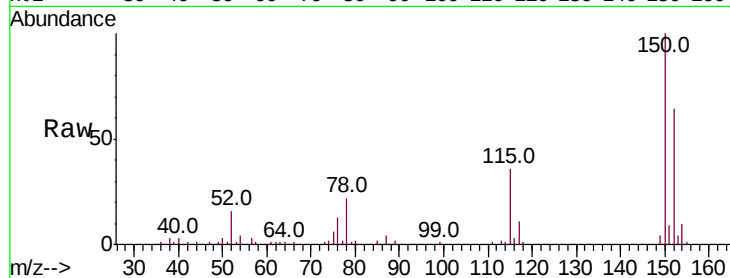


#1

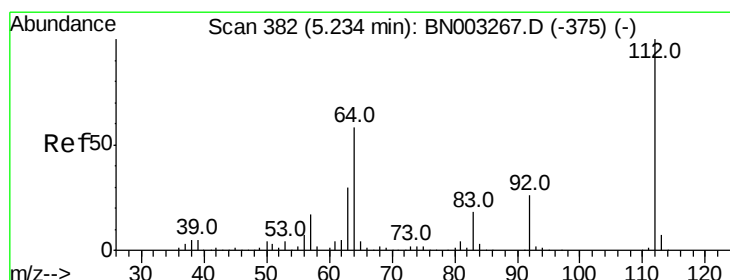
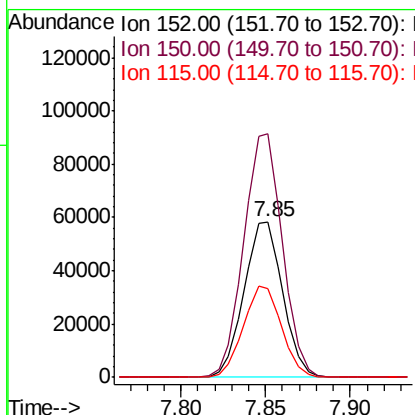
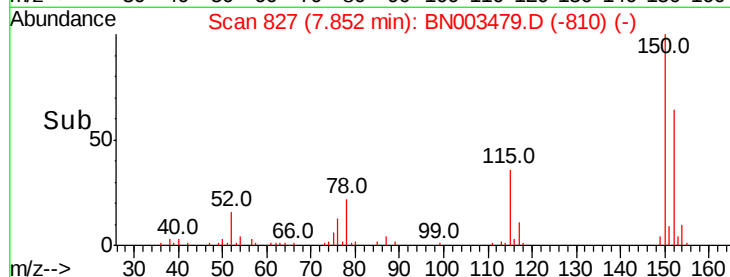
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BN003479.D
 Acq: 09 Nov 2018 19:21

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-107(14-16)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.8
115	56.7	45.9	68.9



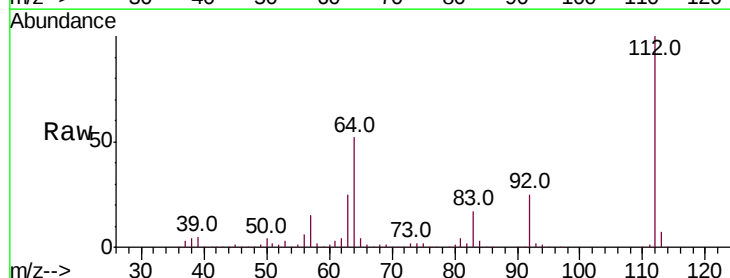
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



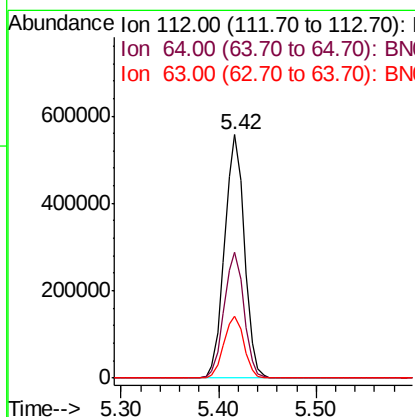
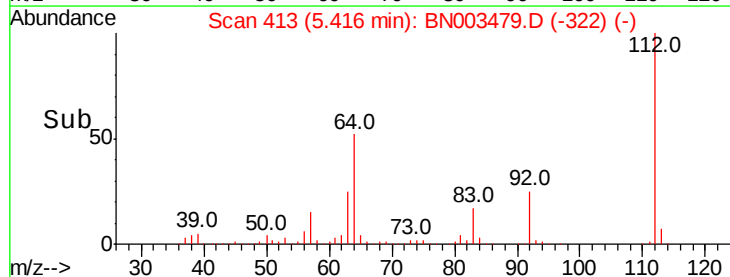
#5

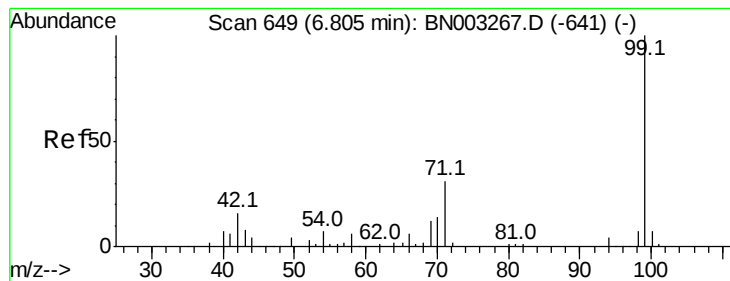
2-Fluorophenol
 Concen: 147.679 ng
 RT: 5.42 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BN003479.D
 Acq: 09 Nov 2018 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	46.6	69.8
63	25.3	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: 140.038 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003479.D

Acq: 09 Nov 2018 19:21

Instrument :

BNA_N

ClientSampleId :

EP2-SB-107(14-16)

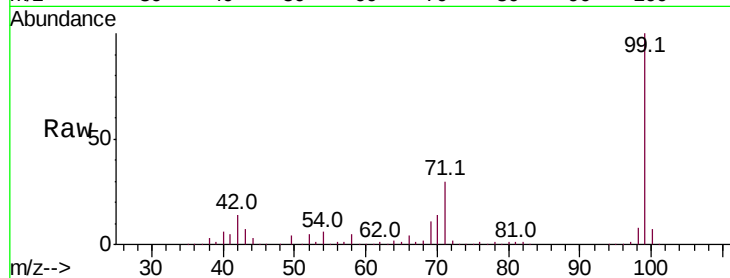
Tot Ion: 99 Resp: 1057493

Ion Ratio Lower Upper

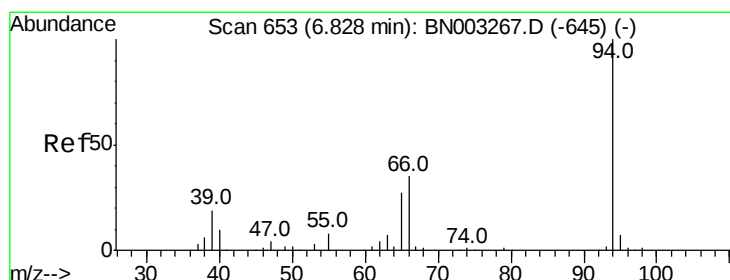
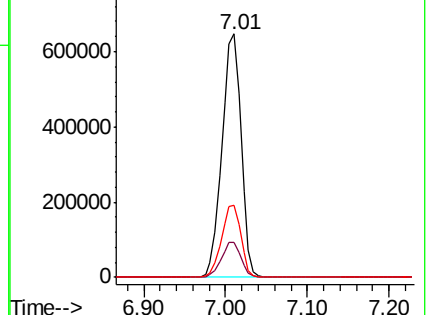
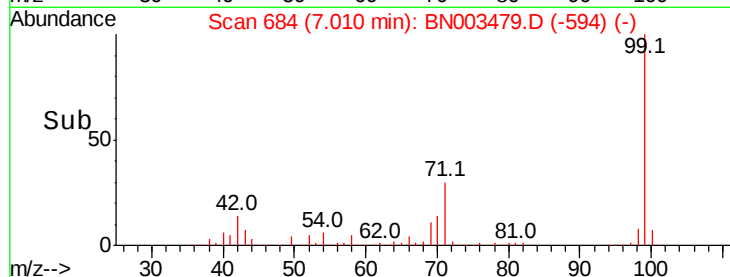
99 100

42 14.4 13.0 19.6

71 29.8 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



#10

Phenol

Concen: 9.643 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN003479.D

Acq: 09 Nov 2018 19:21

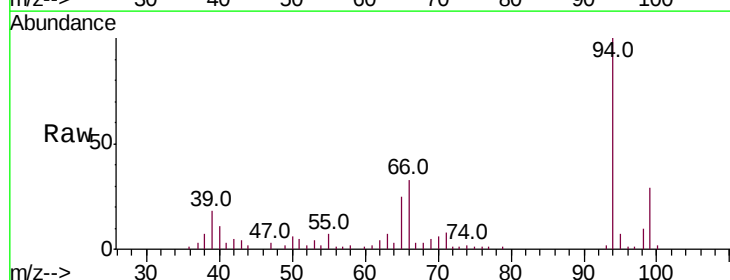
Tgt Ion: 94 Resp: 76843

Ion Ratio Lower Upper

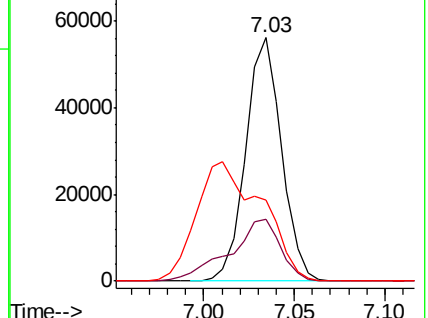
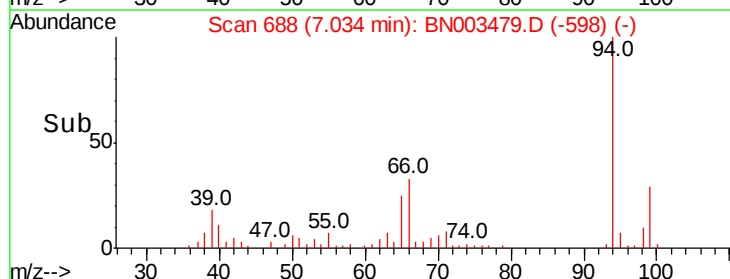
94 100

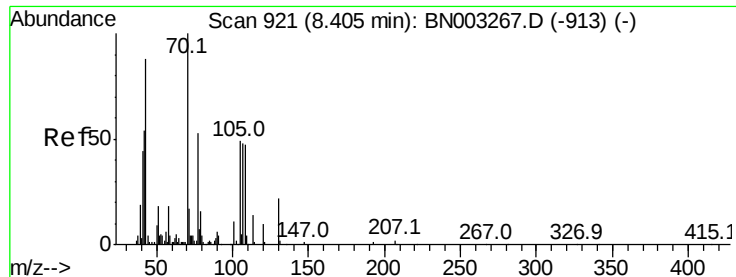
65 25.2 7.7 47.7

66 33.4 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





#19

n-Nitroso-di-n-propylamine

Concen: 14.002 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003479.D

Acq: 09 Nov 2018 19:21

Instrument :

BNA_N

ClientSampleId :

EP2-SB-107(14-16)

Tot Ion: 70 Resp: 76246

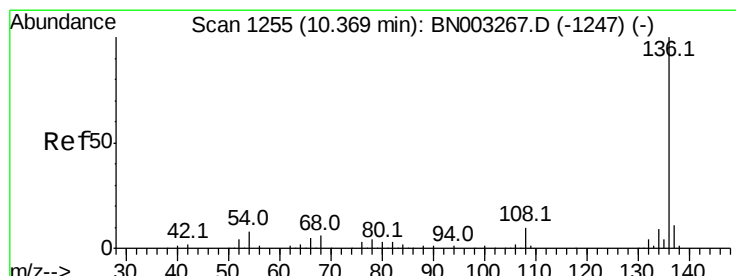
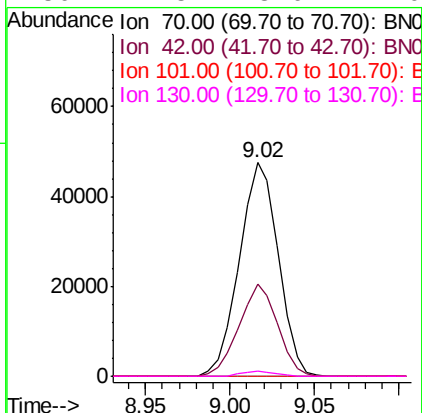
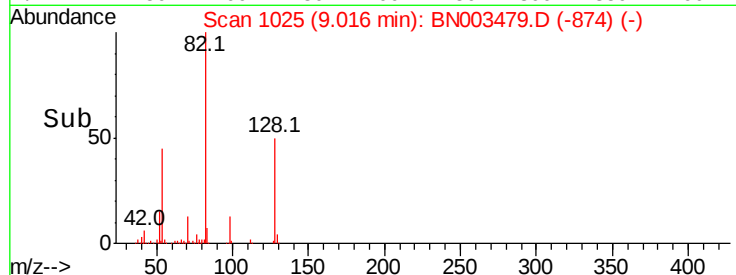
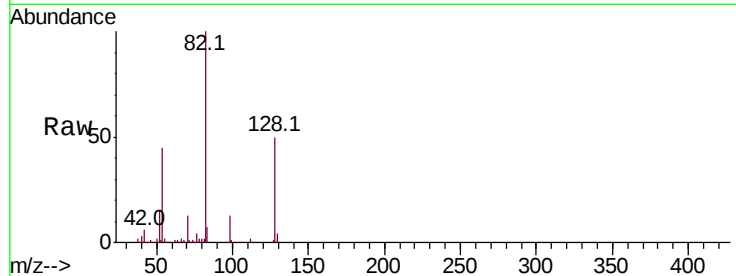
Ion Ratio Lower Upper

70 100

42 43.1 43.5 65.3#

101 0.0 8.6 12.8#

130 2.5 18.0 27.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN003479.D

Acq: 09 Nov 2018 19:21

Tgt Ion: 136 Resp: 395461

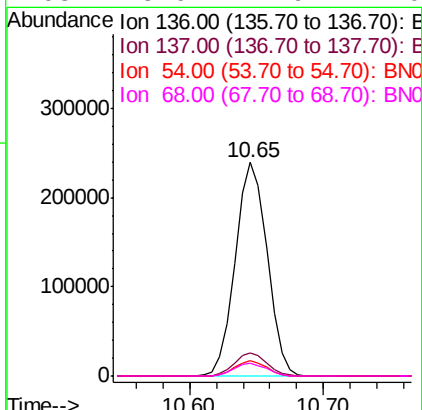
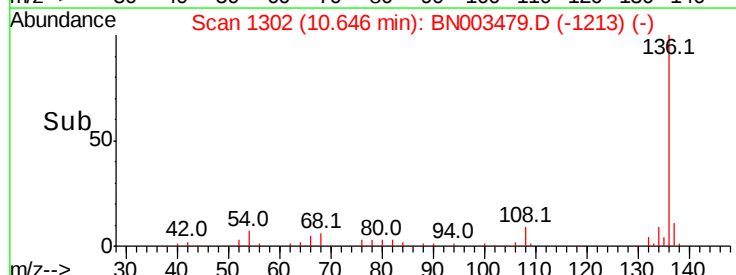
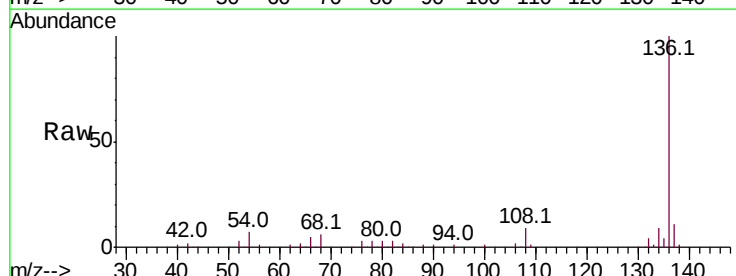
Ion Ratio Lower Upper

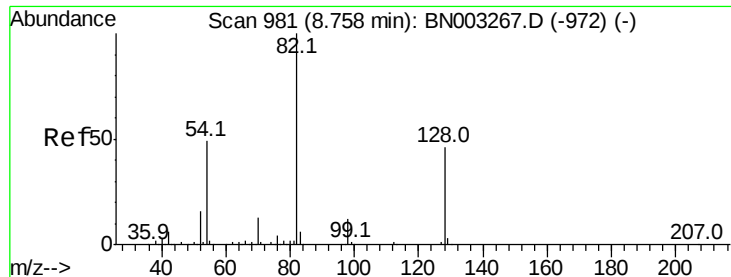
136 100

137 11.0 8.7 13.1

54 7.2 6.6 10.0

68 5.9 4.6 7.0

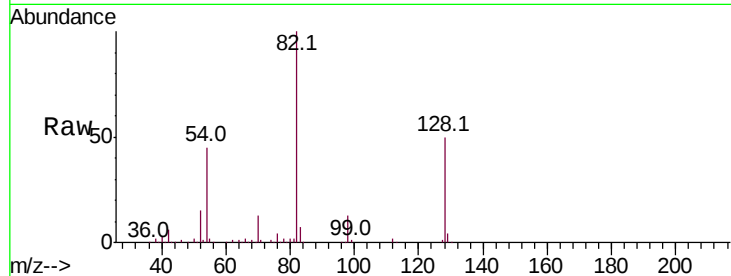




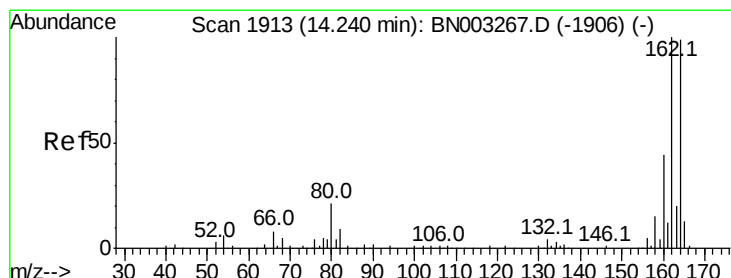
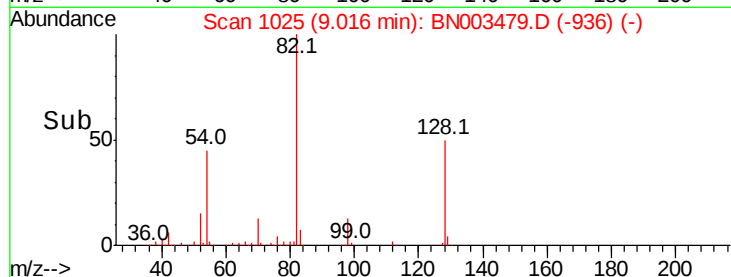
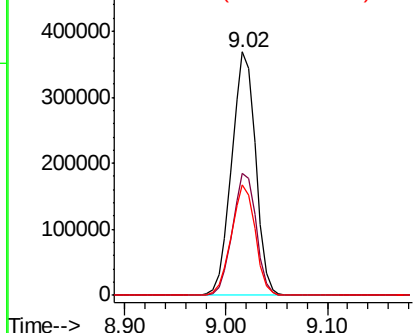
#23
Nitrobenzene-d5
Concen: 87.495 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003479.D
Acq: 09 Nov 2018 19:21

Instrument :
BNA_N
ClientSampleId :
EP2-SB-107(14-16)

Tot Ion: 82 Resp: 603338
Ion Ratio Lower Upper
82 100
128 49.9 37.1 55.7
54 45.2 39.4 59.2

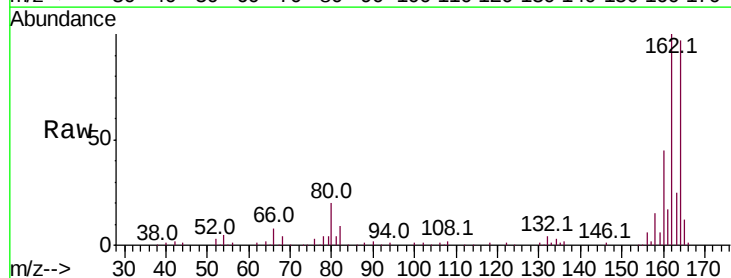


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

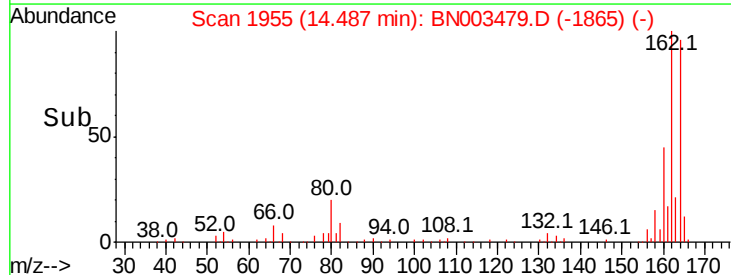
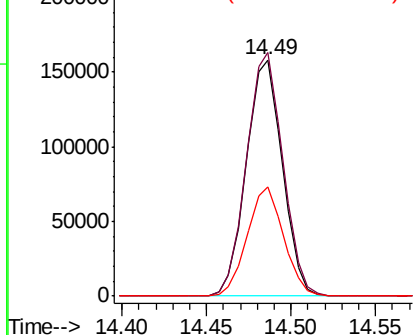


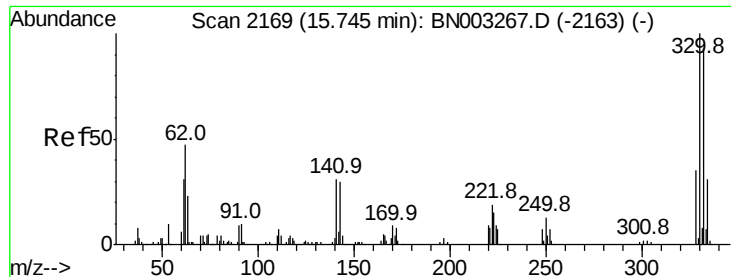
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BN003479.D
Acq: 09 Nov 2018 19:21

Tgt Ion:164 Resp: 235053
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 46.4 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

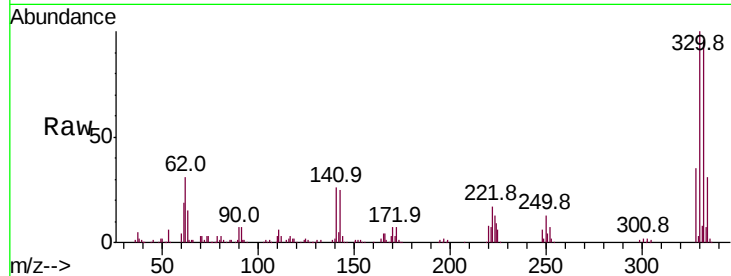




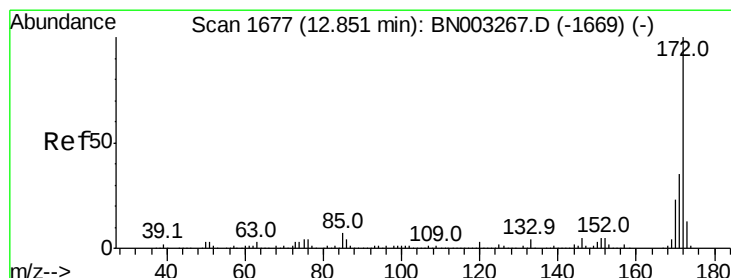
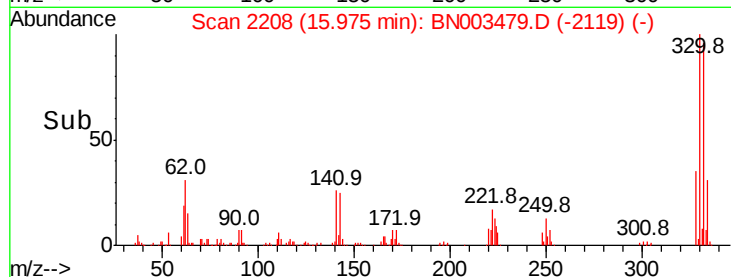
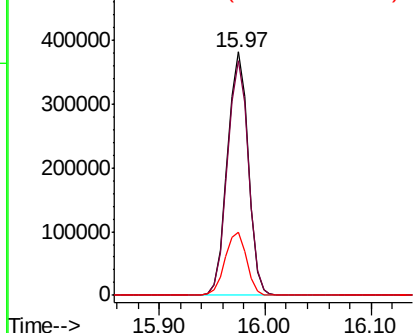
#42
 2,4,6-Tribromophenol
 Concen: 164.199 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003479.D
 Acq: 09 Nov 2018 19:21

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-107(14-16)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	26.8	24.5	36.7

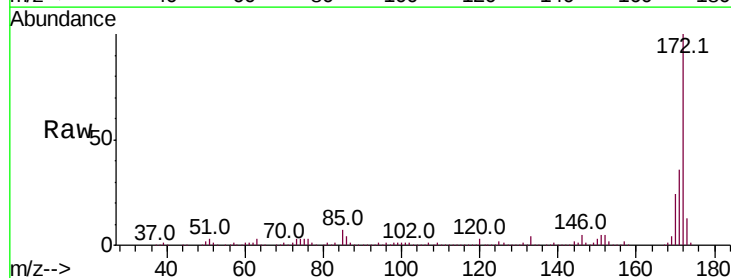


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

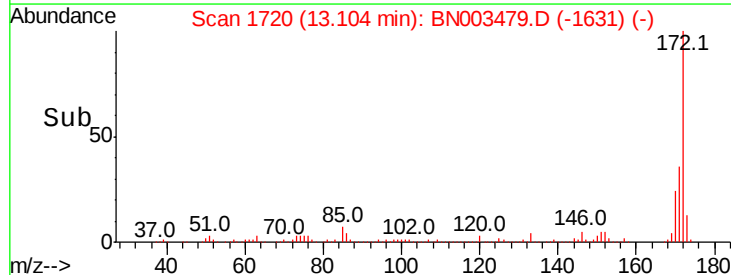
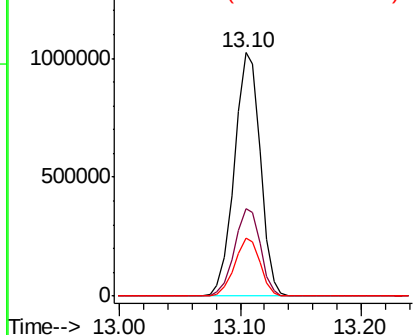


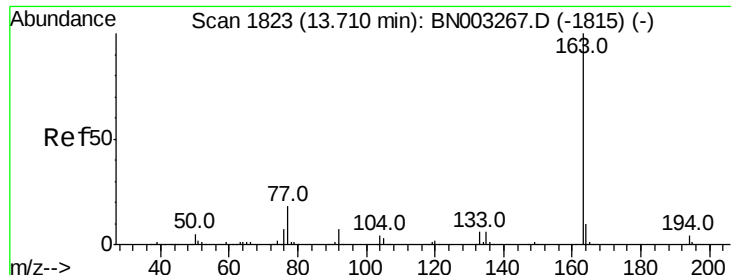
#45
 2-Fluorobiphenyl
 Concen: 88.433 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003479.D
 Acq: 09 Nov 2018 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	23.6	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

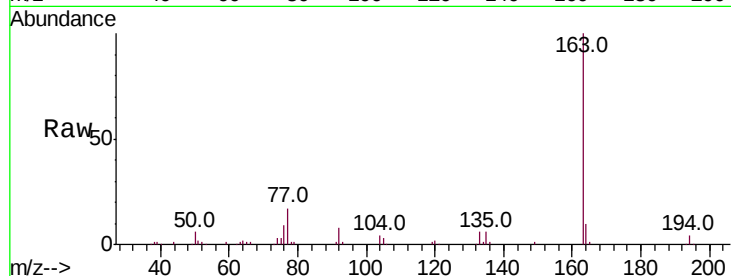




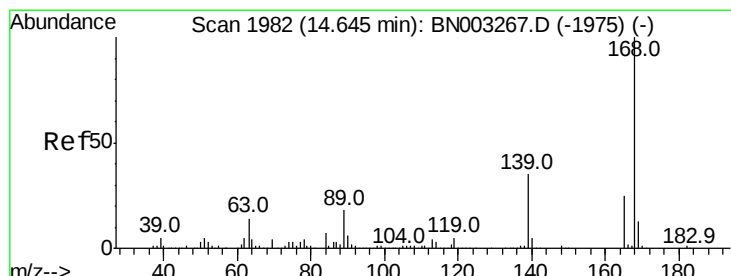
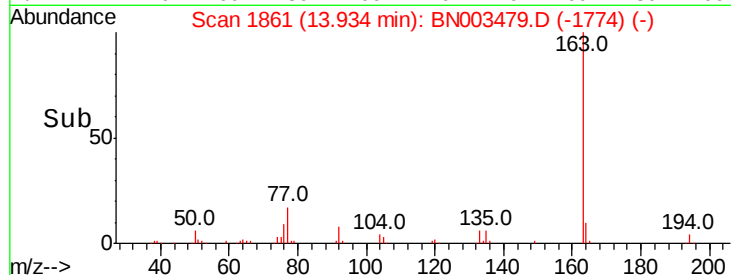
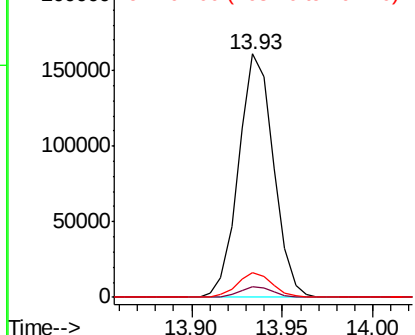
#50
Dimethylphthalate
Concen: 11.311 ng
RT: 13.93 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BN003479.D
Acq: 09 Nov 2018 19:21

Instrument :
BNA_N
ClientSampleId :
EP2-SB-107(14-16)

Tot Ion:163 Resp: 214972
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.0 7.9 11.9

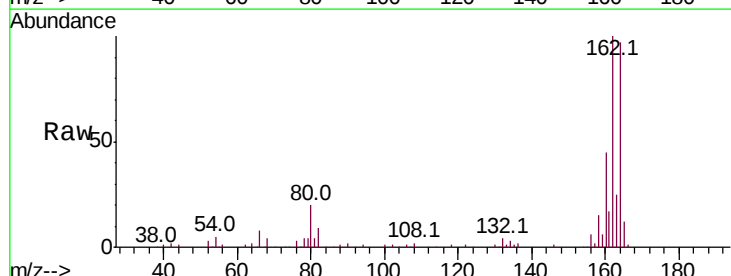


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

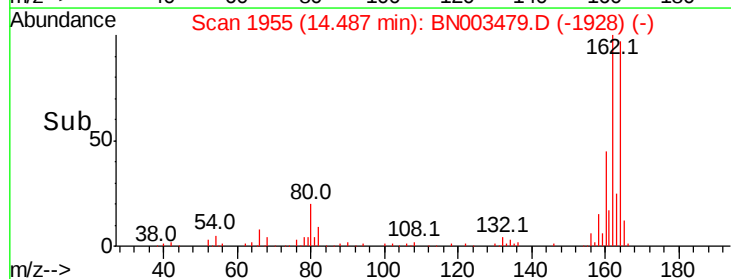
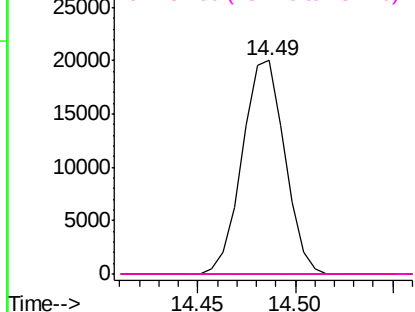


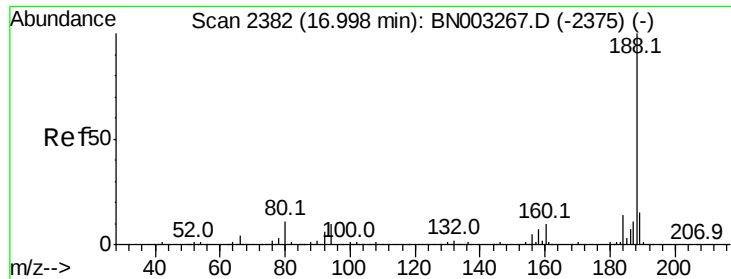
#57
2,4-Dinitrotoluene
Concen: 5.150 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.37 min
Lab File: BN003479.D
Acq: 09 Nov 2018 19:21

Tgt Ion:165 Resp: 30124
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: 20.000 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN003479.D

Acq: 09 Nov 2018 19:21

Instrument :

BNA_N

ClientSampleId :

EP2-SB-107(14-16)

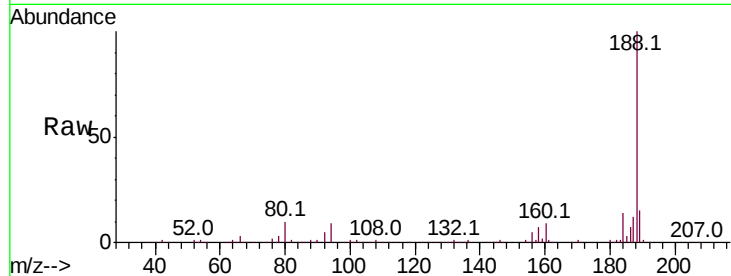
Tot Ion:188 Resp: 517982

Ion Ratio Lower Upper

188 100

94 9.2 8.1 12.1

80 9.8 8.6 13.0



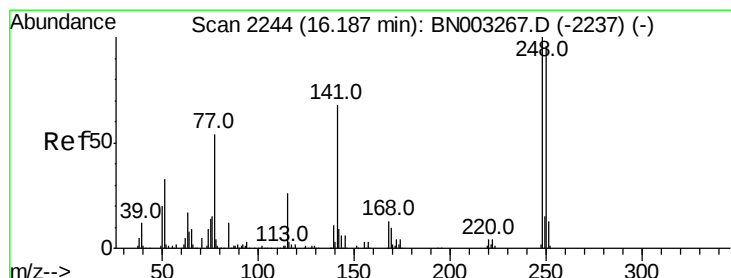
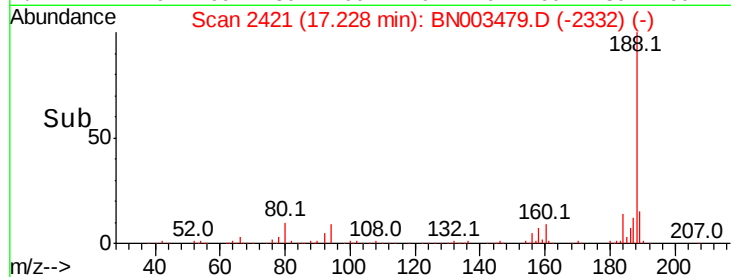
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

17.23

Time-->



#67

4-Bromophenyl-phenylether

Concen: 5.749 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BN003479.D

Acq: 09 Nov 2018 19:21

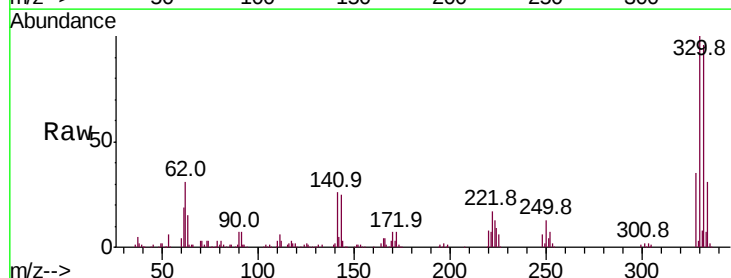
Tgt Ion:248 Resp: 33540

Ion Ratio Lower Upper

248 100

250 199.5 76.4 114.6#

141 402.0 54.2 81.4#



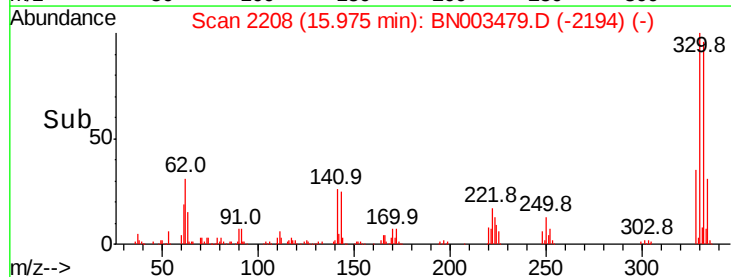
Abundance Ion 248.00 (247.70 to 248.70): E

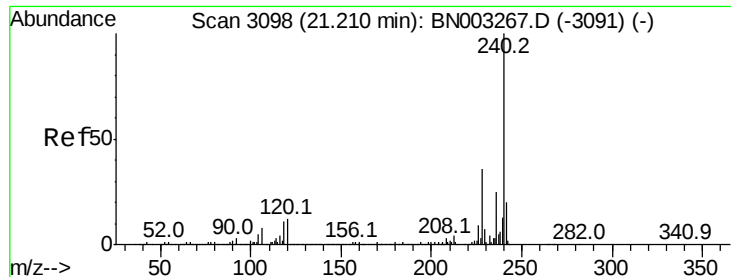
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

15.97

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BN003479.D

Acq: 09 Nov 2018 19:21

Instrument :

BNA_N

ClientSampleId :

EP2-SB-107(14-16)

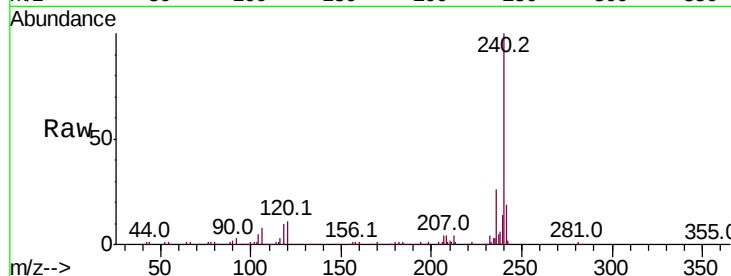
Tot Ion:240 Resp: 421932

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.0

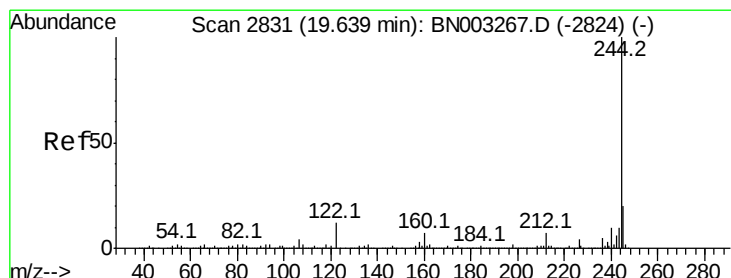
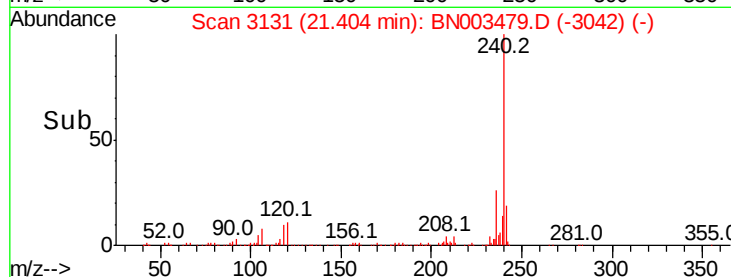
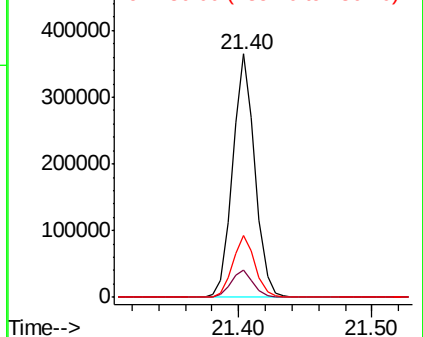
236 25.6 20.3 30.5



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: 103.135 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003479.D

Acq: 09 Nov 2018 19:21

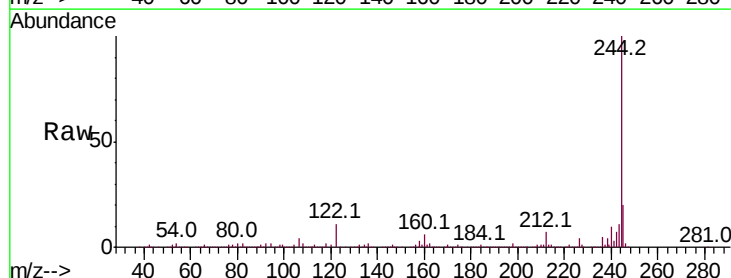
Tgt Ion:244 Resp: 2034830

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

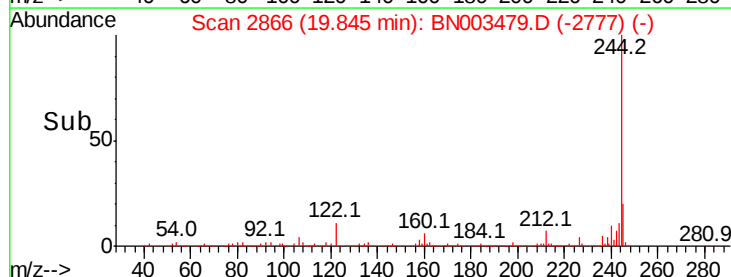
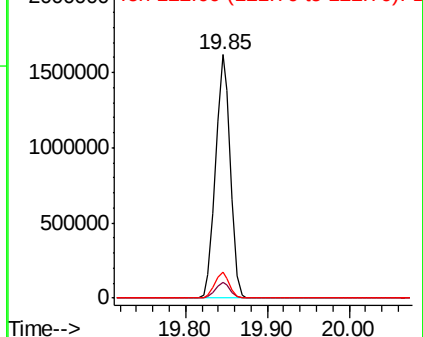
122 10.6 9.4 14.2

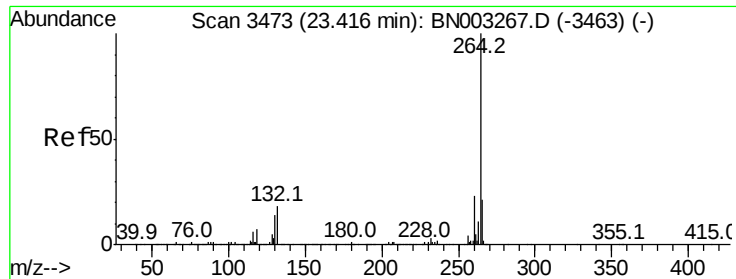


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

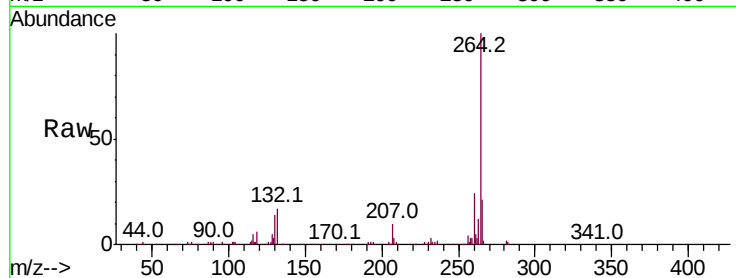




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.72 min Scan# 3525
 Delta R.T. -0.01 min
 Lab File: BN003479.D
 Acq: 09 Nov 2018 19:21

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-107(14-16)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	21.5	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

