

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
 Data File : BN007552.D
 Acq On : 06 Sep 2019 21:24
 Operator : HP/JU
 Sample : K4722-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 07 00:03:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

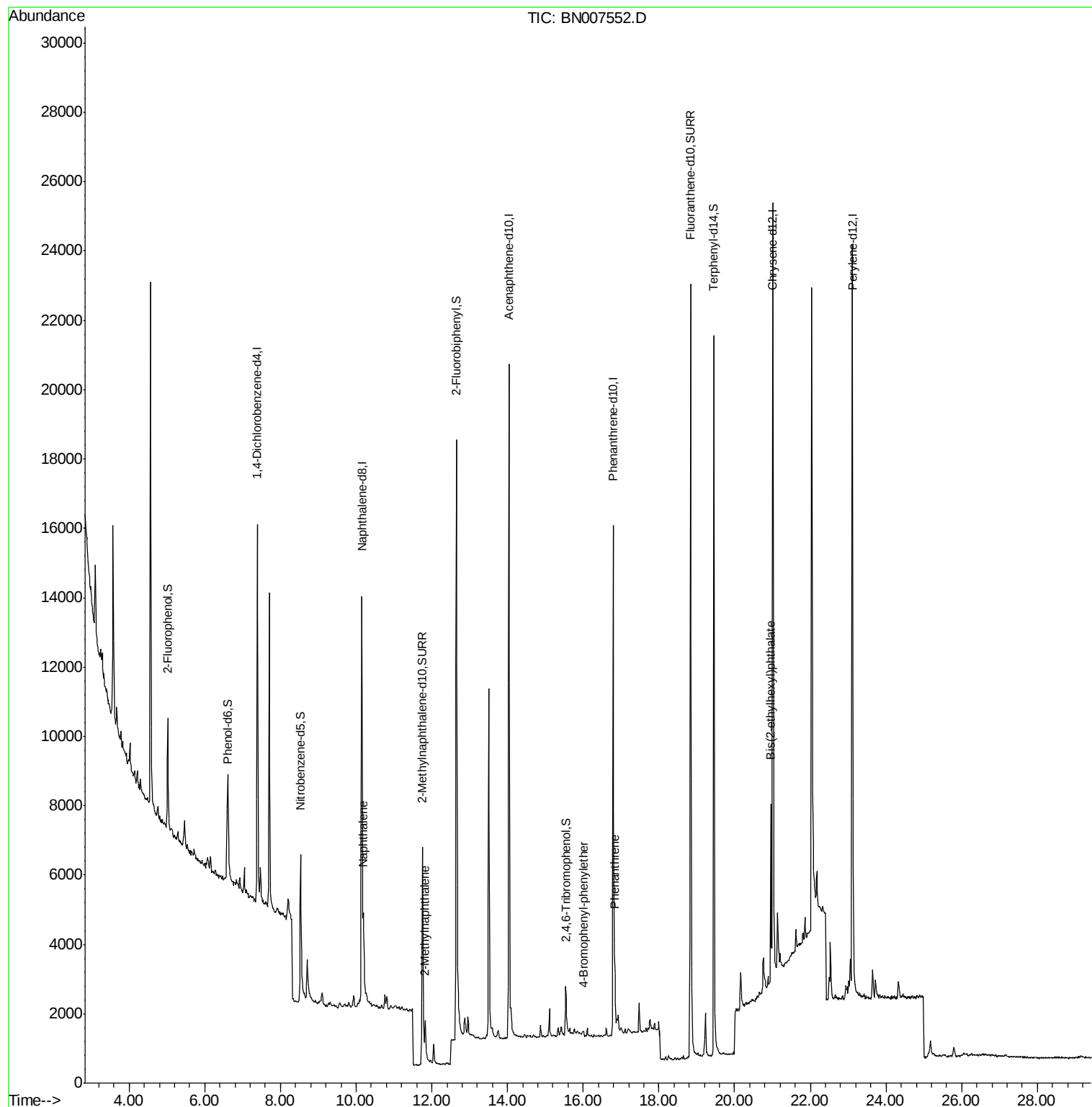
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5599	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	21924	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	11999	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	25423	0.40	ng	0.00
27) Chrysene-d12	21.00	240	25347	0.40	ng	-0.01
34) Perylene-d12	23.11	264	28417	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	2884	0.13	ng	-0.02
5) Phenol-d6	6.58	99	2241	0.07	ng	0.00
8) Nitrobenzene-d5	8.53	82	5792	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	12469	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	1593	0.25	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	19968	0.41	ng	0.00
25) Fluoranthene-d10	18.83	212	29671	0.36	ng	-0.01
29) Terphenyl-d14	19.45	244	23348	0.35	ng	-0.02
Target Compounds						Qvalue
9) Naphthalene	10.19	128	2839	0.045	ng	96
12) 2-Methylnaphthalene	11.82	142	960	0.022	ng	# 93
20) 4-Bromophenyl-phenylether	16.01	248	215	0.021	ng	# 59
23) Phenanthrene	16.83	178	1645	0.022	ng	98
32) Bis(2-ethylhexyl)phthalate	20.95	149	5500	0.066	ng	97

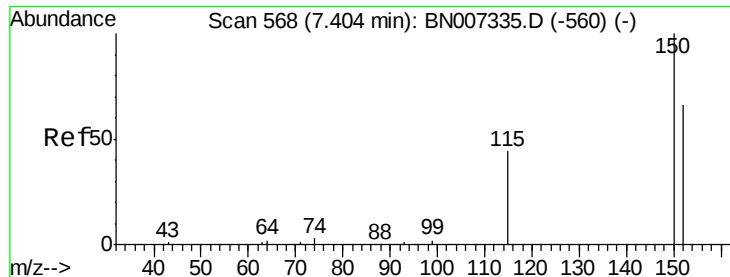
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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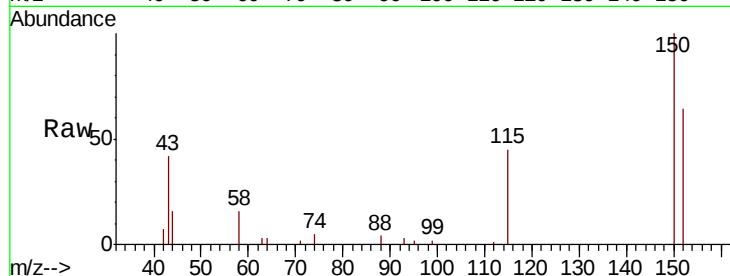


#1

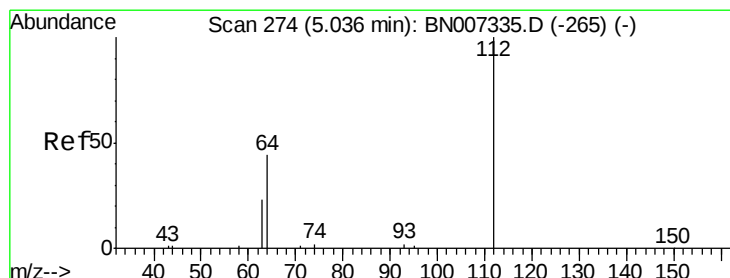
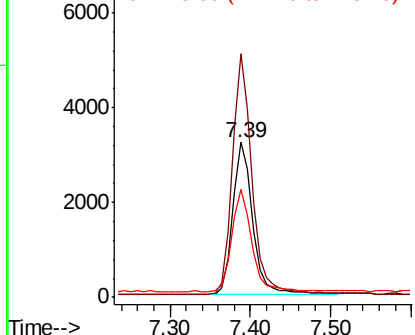
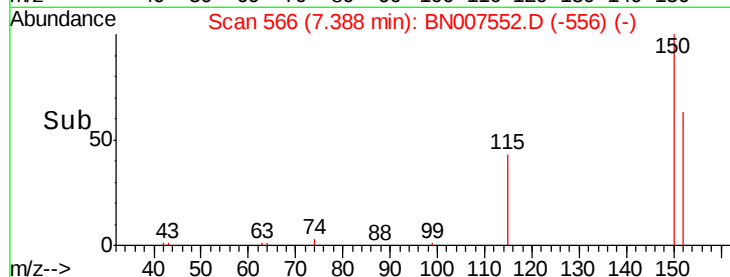
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007552.D
Acq: 06 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5599
Ion Ratio Lower Upper
152 100
150 157.2 109.1 163.7
115 70.1 59.6 89.4



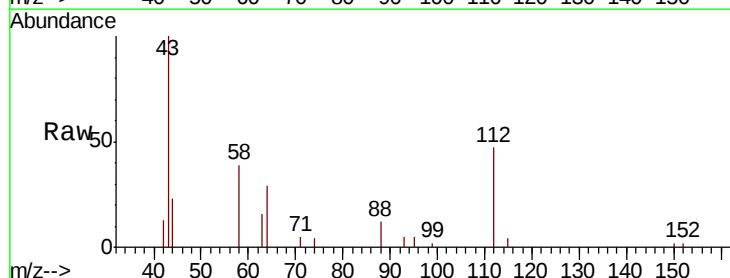
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



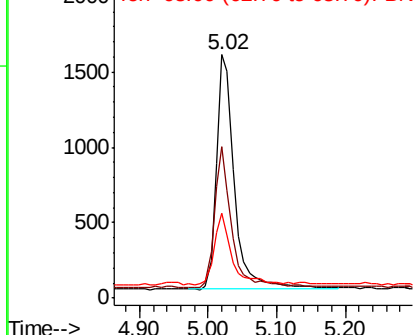
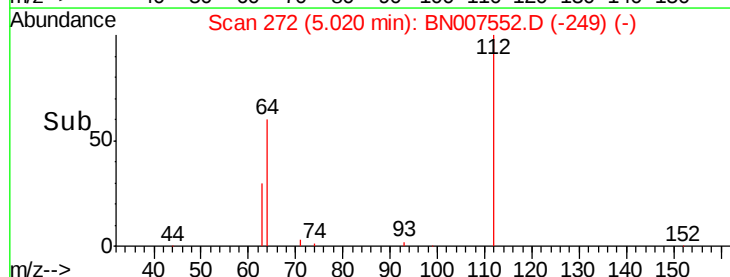
#4

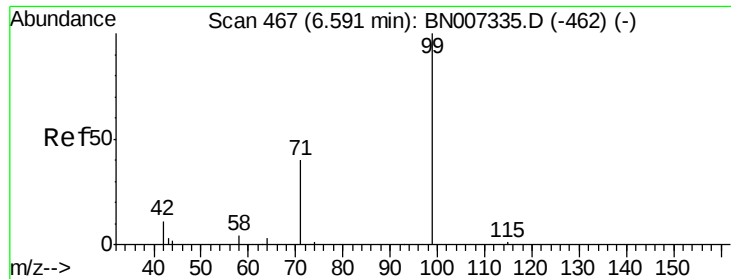
2-Fluorophenol
Concen: 0.129 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007552.D
Acq: 06 Sep 2019 21:24

Tgt Ion:112 Resp: 2884
Ion Ratio Lower Upper
112 100
64 55.5 42.3 63.5
63 29.5 23.6 35.4



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





#5

Phenol-d6

Concen: 0.065 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007552.D

Acq: 06 Sep 2019 21:24

Instrument :

BNA_N

ClientSampled :

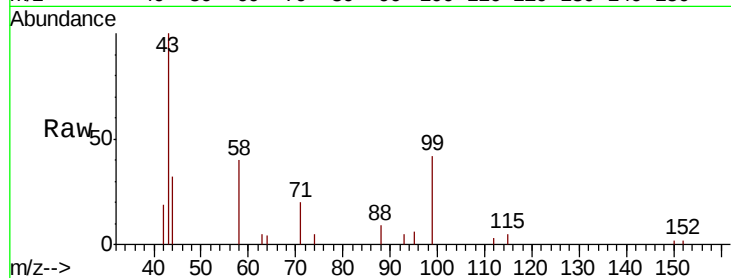
Tot Ion: 99 Resp: 2241

Ion Ratio Lower Upper

99 100

42 19.9 11.2 16.8#

71 35.1 31.8 47.8

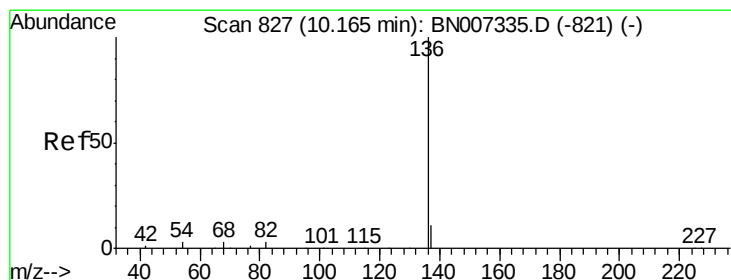
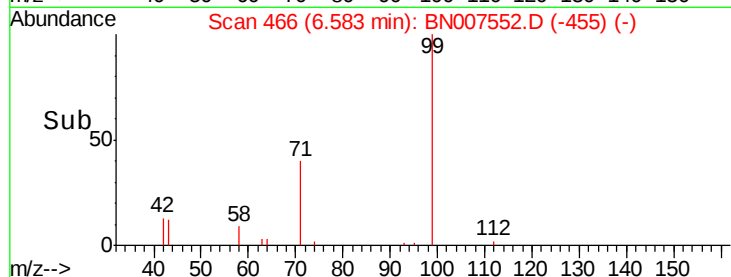
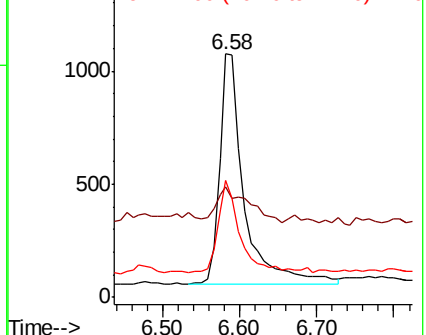


Abundance

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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007552.D

Acq: 06 Sep 2019 21:24

Tgt Ion: 136 Resp: 21924

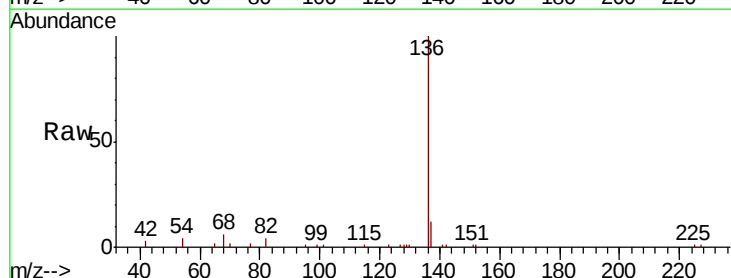
Ion Ratio Lower Upper

136 100

137 11.6 12.9 19.3#

54 4.5 8.6 12.8#

68 5.9 17.0 25.4#



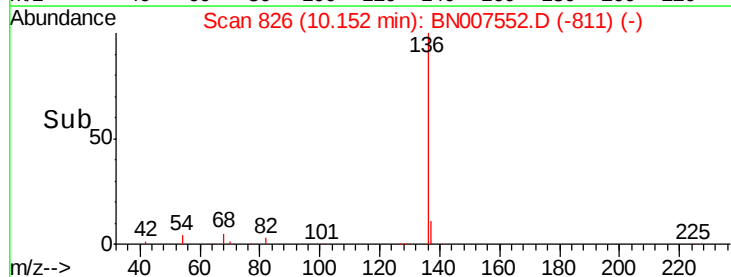
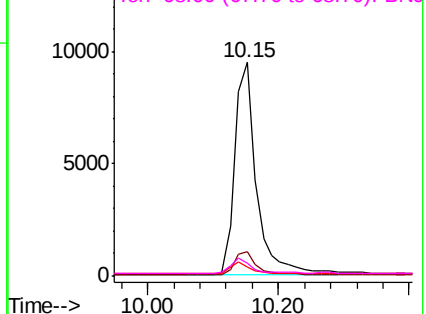
Abundance

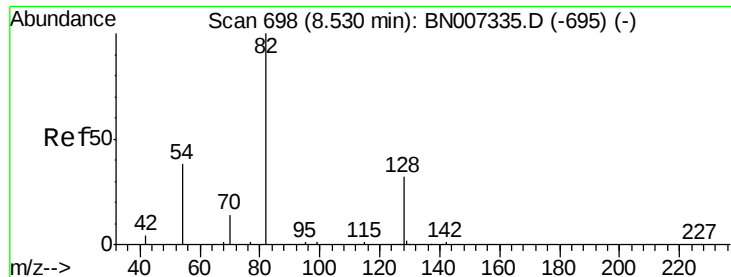
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC





#8

Nitrobenzene-d5

Concen: 0.304 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007552.D

Acq: 06 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

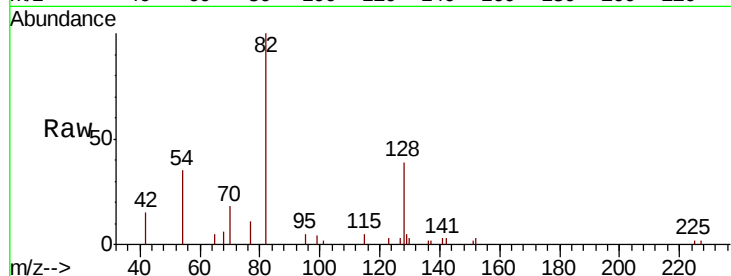
Tot Ion: 82 Resp: 5792

Ion Ratio Lower Upper

82 100

128 39.2 19.7 29.5#

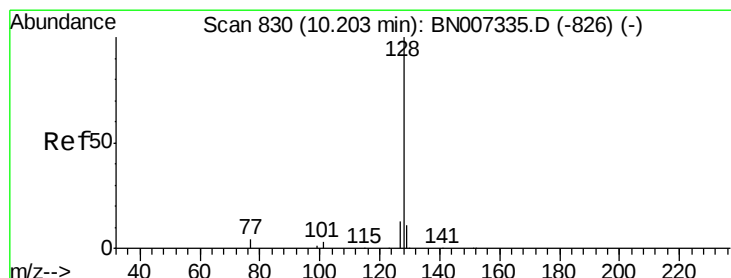
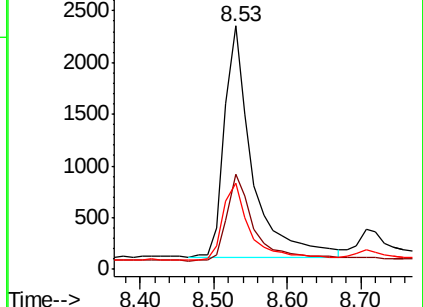
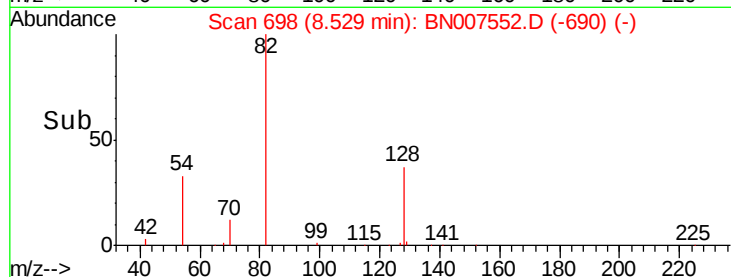
54 35.2 25.8 38.6



Abundance Ion 82.00 (81.70 to 82.70): BN007552.D (-690) (-)

Ion 128.00 (127.70 to 128.70): BN007552.D (-690) (-)

Ion 54.00 (53.70 to 54.70): BN007552.D (-690) (-)



#9

Naphthalene

Concen: 0.045 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007552.D

Acq: 06 Sep 2019 21:24

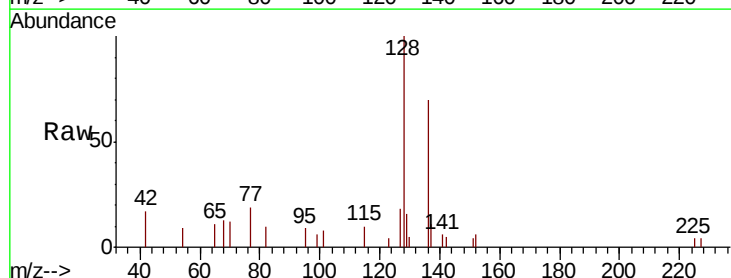
Tgt Ion: 128 Resp: 2839

Ion Ratio Lower Upper

128 100

129 15.8 11.1 16.7

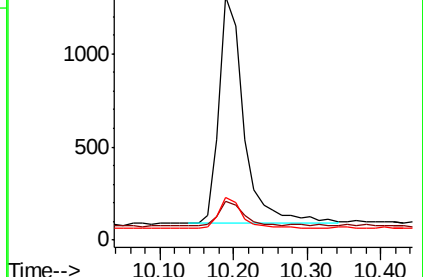
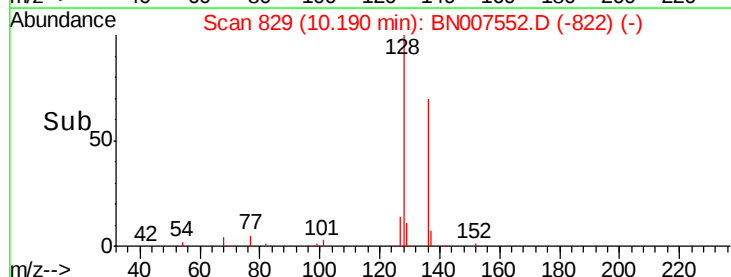
127 17.7 15.5 23.3

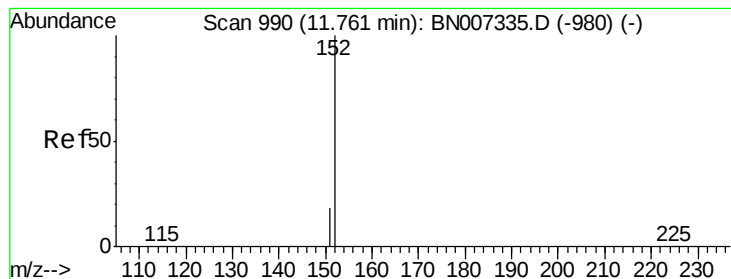


Abundance Ion 128.00 (127.70 to 128.70): BN007552.D (-822) (-)

Ion 129.00 (128.70 to 129.70): BN007552.D (-822) (-)

Ion 127.00 (126.70 to 127.70): BN007552.D (-822) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007552.D

Acq: 06 Sep 2019 21:24

Instrument :

BNA_N

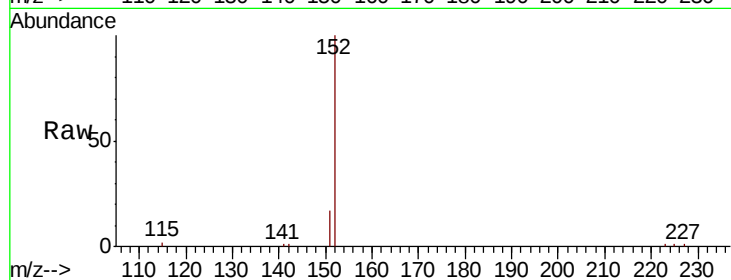
ClientSampleId :

Tot Ion:152 Resp: 12469

Ion Ratio Lower Upper

152 100

151 19.0 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.75

6000

5000

4000

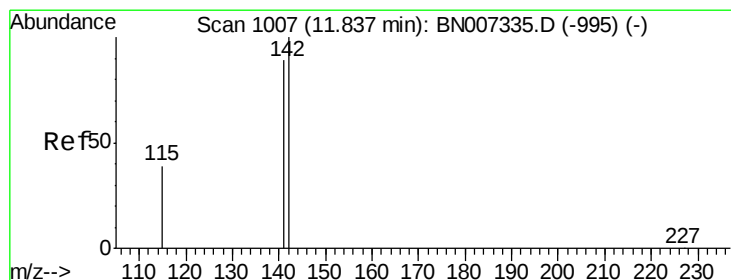
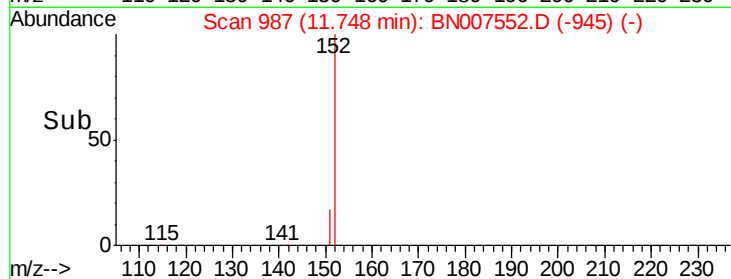
3000

2000

1000

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.022 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007552.D

Acq: 06 Sep 2019 21:24

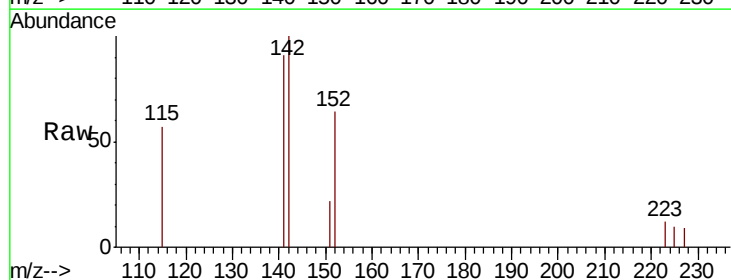
Tgt Ion:142 Resp: 960

Ion Ratio Lower Upper

142 100

141 91.1 72.8 109.2

115 56.9 35.2 52.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.82

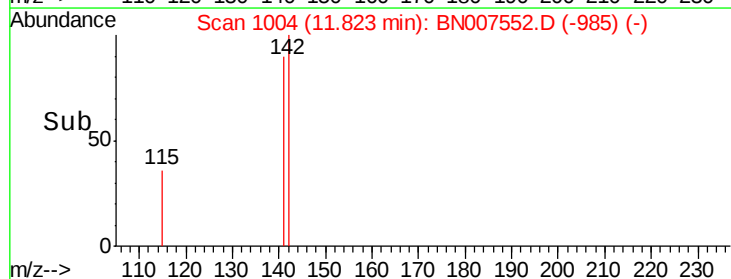
600

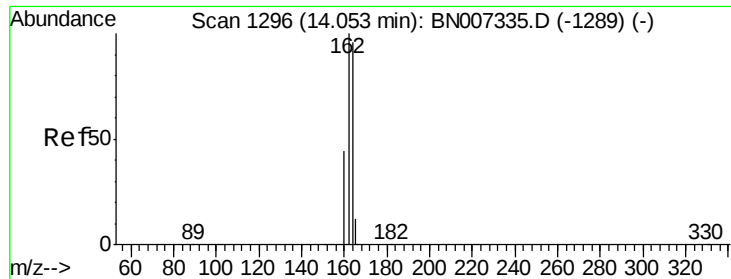
400

200

0

Time--> 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007552.D

Acq: 06 Sep 2019 21:24

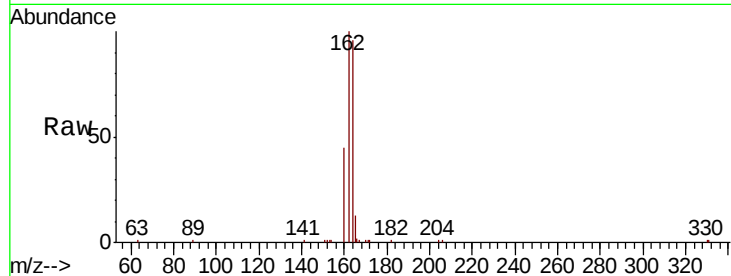
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 11999

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.5	125.3
160	47.2	38.2	57.4

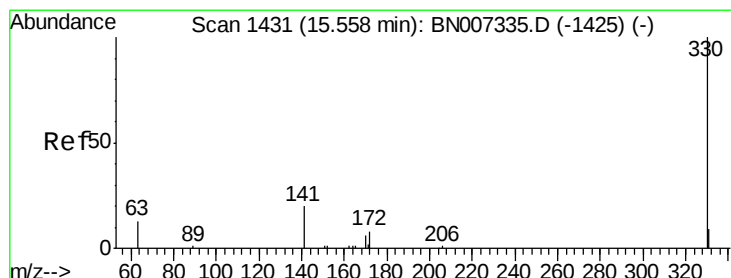
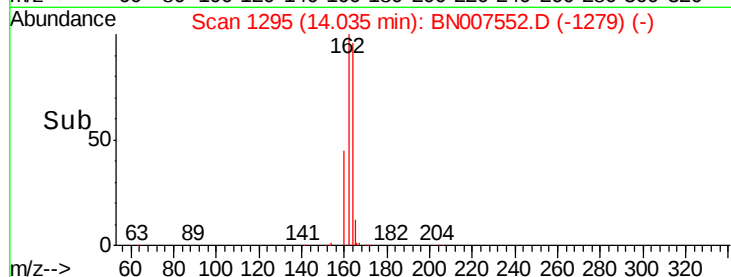
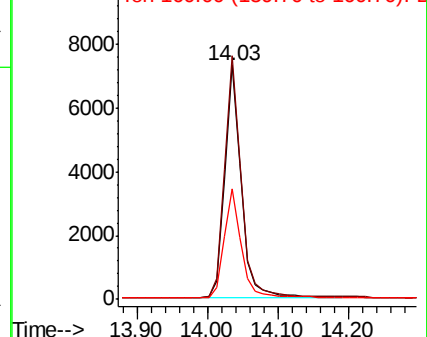


Abundance

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



#14

2,4,6-Tribromophenol

Concen: 0.254 ng

RT: 15.54 min Scan# 1430

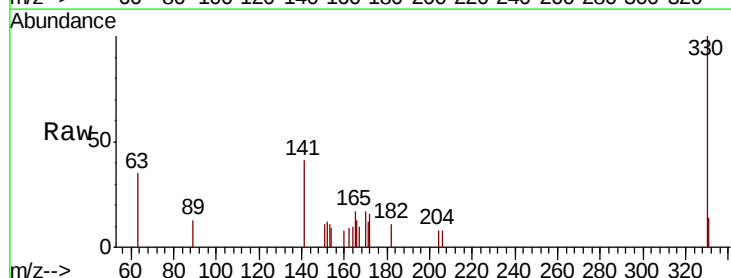
Delta R.T. -0.02 min

Lab File: BN007552.D

Acq: 06 Sep 2019 21:24

Tgt Ion:330 Resp: 1593

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.0	26.9	40.3

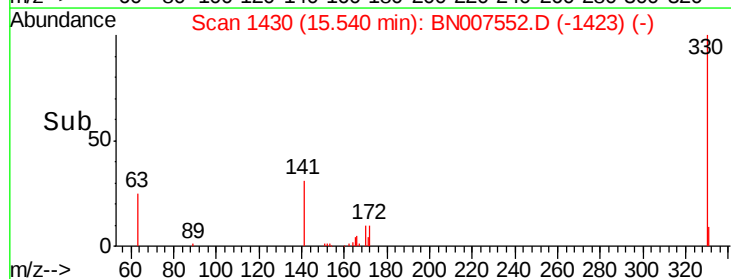
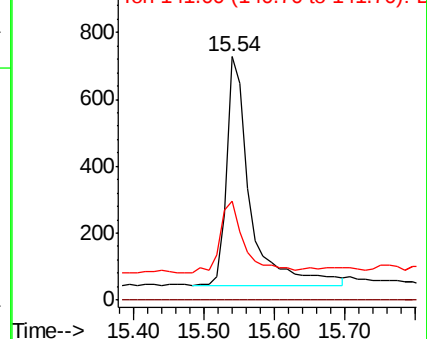


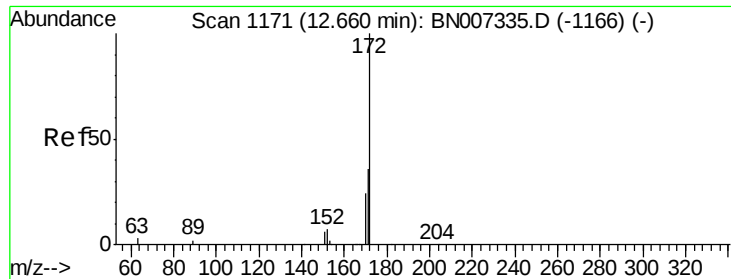
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

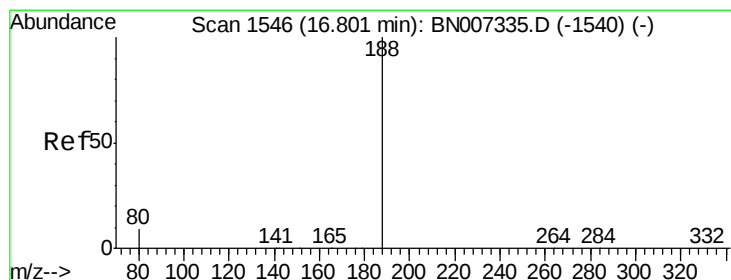
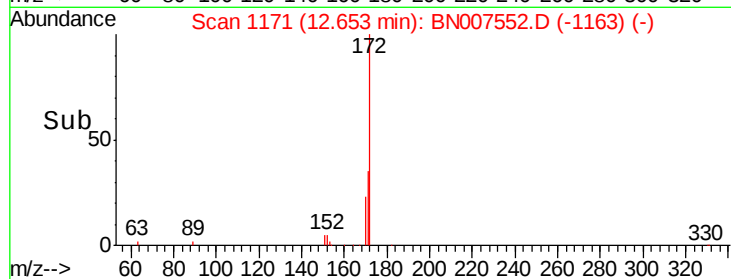
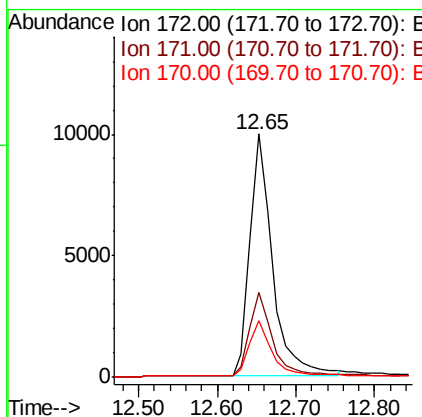
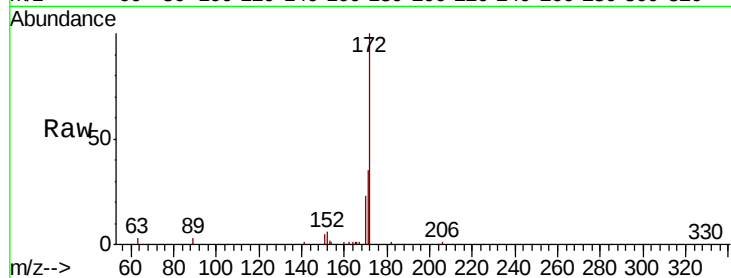




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007552.D
Acq: 06 Sep 2019 21:24

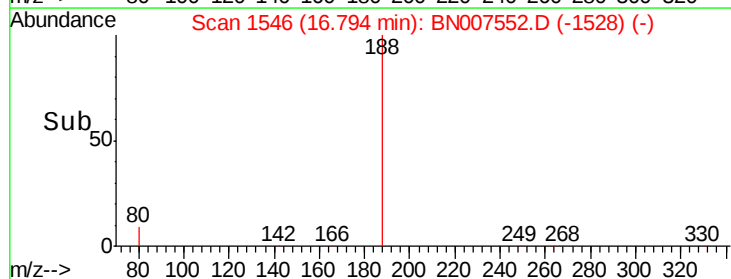
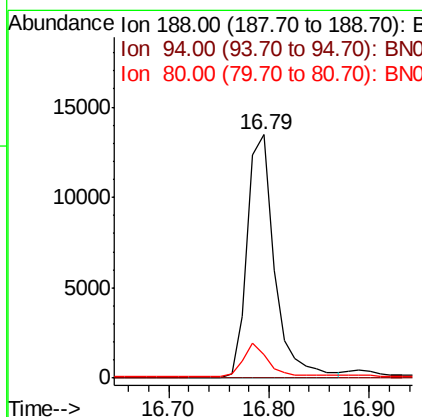
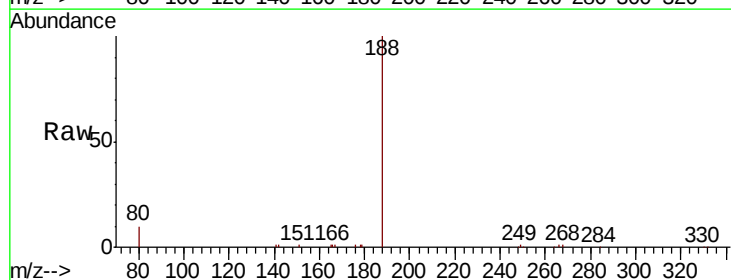
Instrument :
BNA_N
ClientSampled :

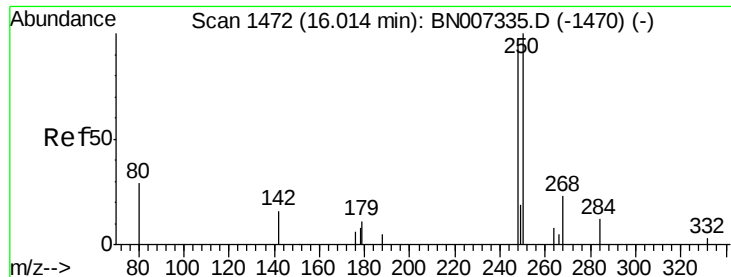
Tot Ion:172 Resp: 19968
Ion Ratio Lower Upper
172 100
171 34.9 30.3 45.5
170 23.4 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007552.D
Acq: 06 Sep 2019 21:24

Tgt Ion:188 Resp: 25423
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 11.8 17.8#

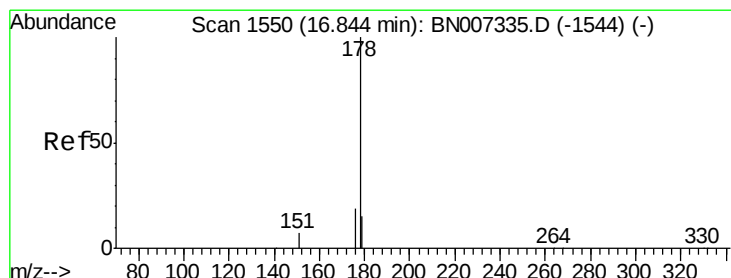
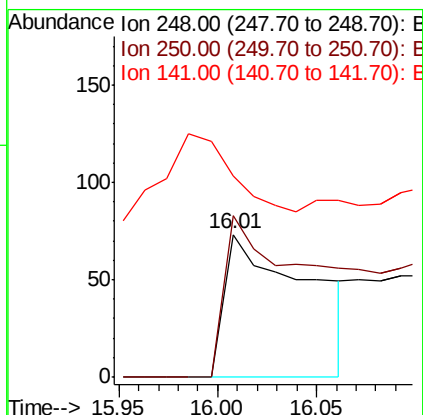
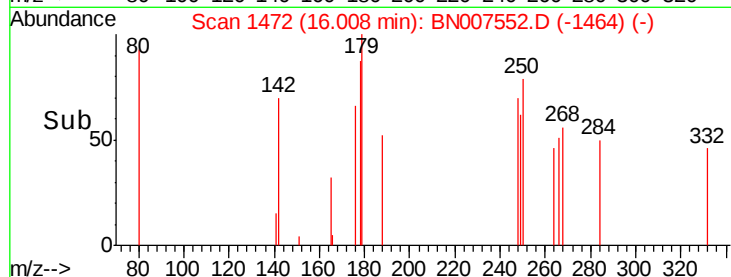
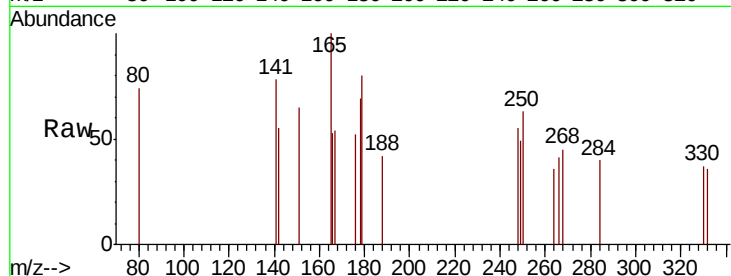




#20
4-Bromophenyl-phenylether
Concen: 0.021 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007552.D
Acq: 06 Sep 2019 21:24

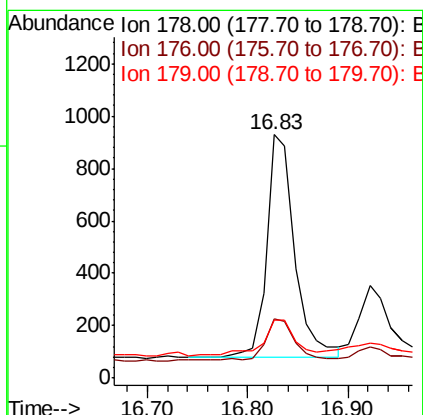
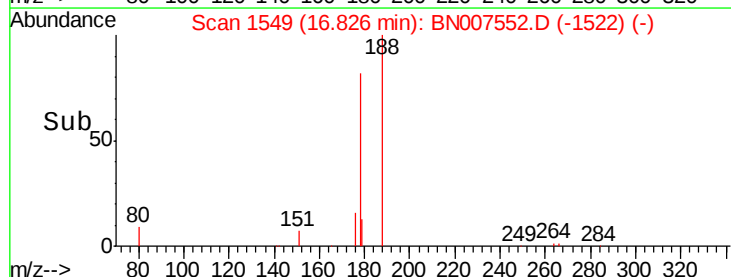
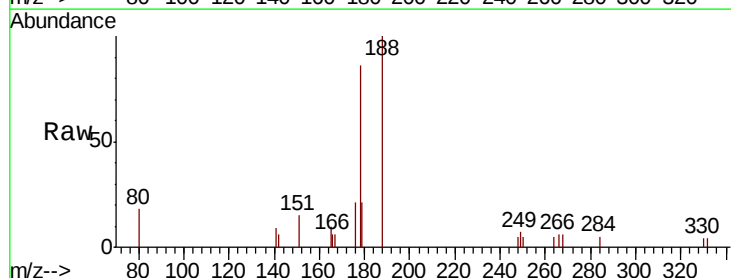
Instrument :
BNA_N
ClientSampled :

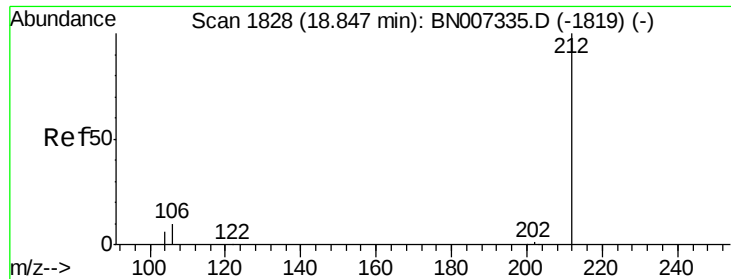
Tot Ion:248 Resp: 215
Ion Ratio Lower Upper
248 100
250 113.7 85.0 127.6
141 141.1 51.7 77.5#



#23
Phenanthrene
Concen: 0.022 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007552.D
Acq: 06 Sep 2019 21:24

Tgt Ion:178 Resp: 1645
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 17.4 12.6 19.0





#25

Fluoranthene-d10

Concen: 0.362 ng

RT: 18.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN007552.D

Acq: 06 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

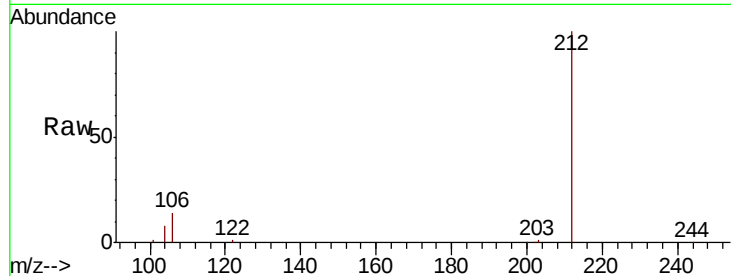
Tot Ion:212 Resp: 29671

Ion Ratio Lower Upper

212 100

106 13.6 9.0 13.4#

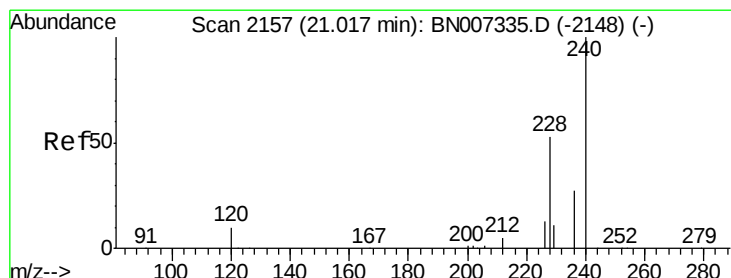
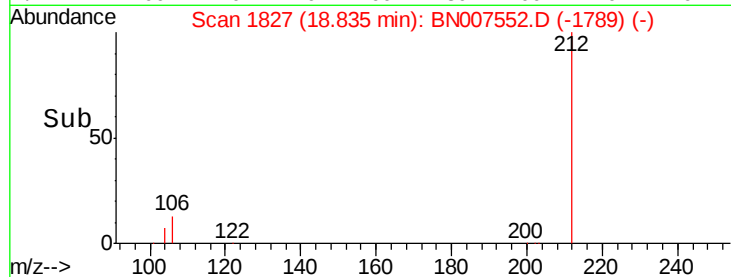
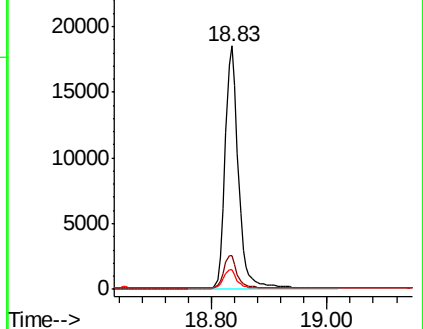
104 7.6 5.4 8.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BN007552.D

Acq: 06 Sep 2019 21:24

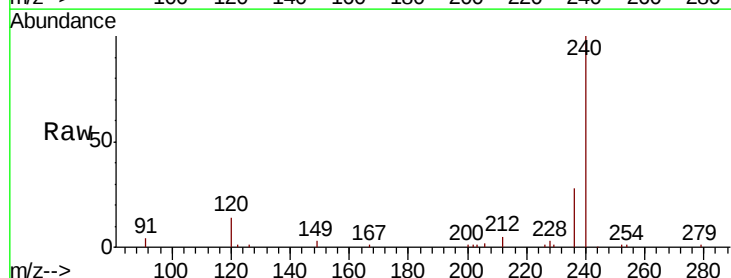
Tgt Ion:240 Resp: 25347

Ion Ratio Lower Upper

240 100

120 14.2 9.6 14.4

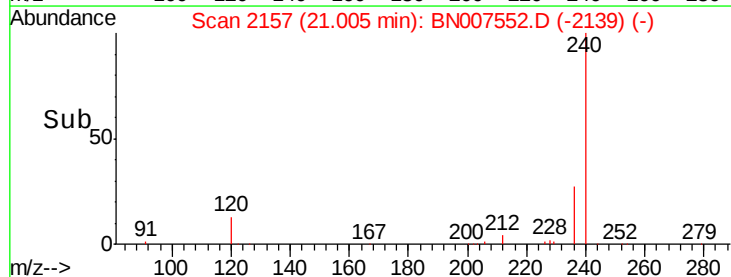
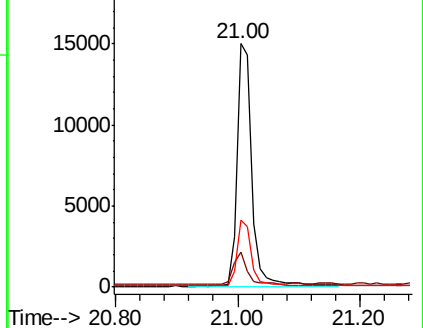
236 27.7 22.2 33.2

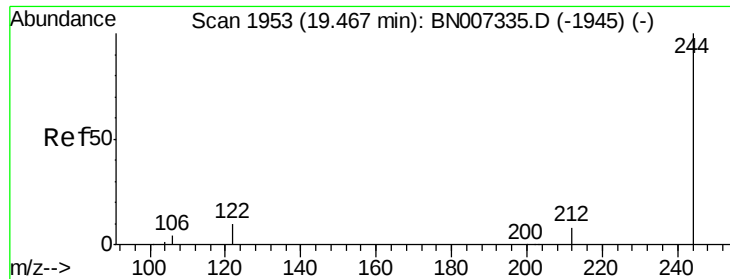


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.352 ng

RT: 19.45 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BN007552.D

Acq: 06 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

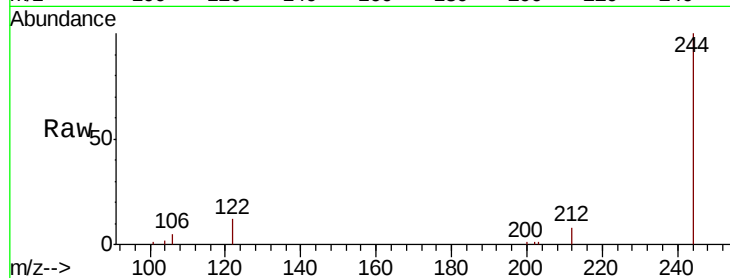
Tot Ion:244 Resp: 23348

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.6

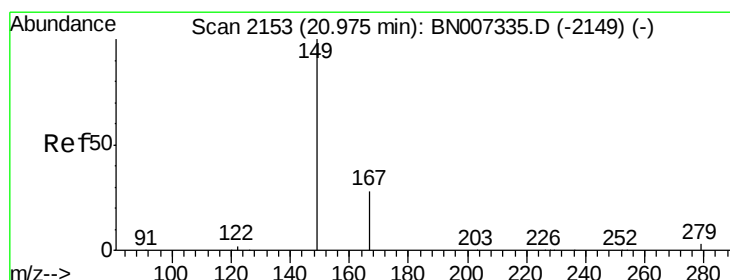
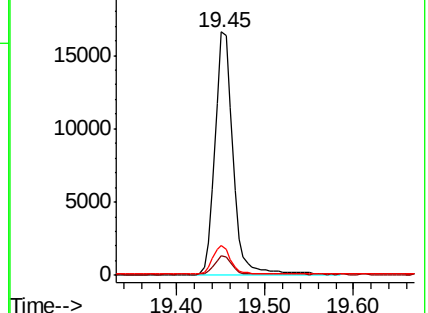
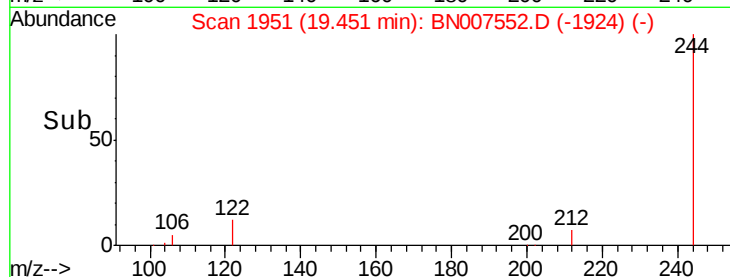
122 12.4 9.6 14.4



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.066 ng

RT: 20.95 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BN007552.D

Acq: 06 Sep 2019 21:24

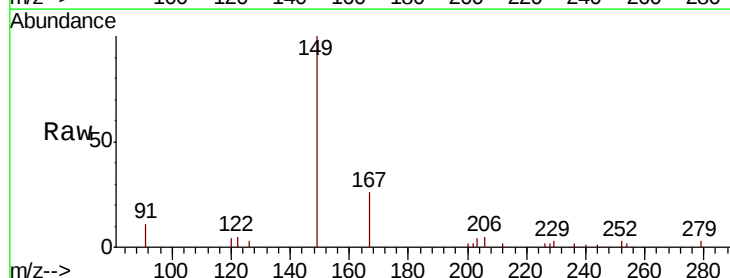
Tgt Ion:149 Resp: 5500

Ion Ratio Lower Upper

149 100

167 27.1 22.8 34.2

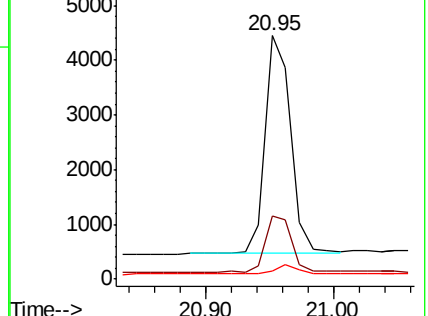
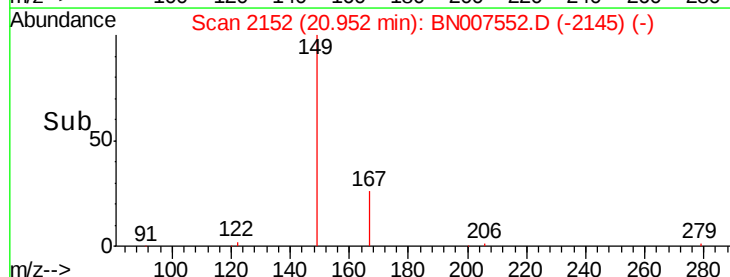
279 4.0 3.5 5.3

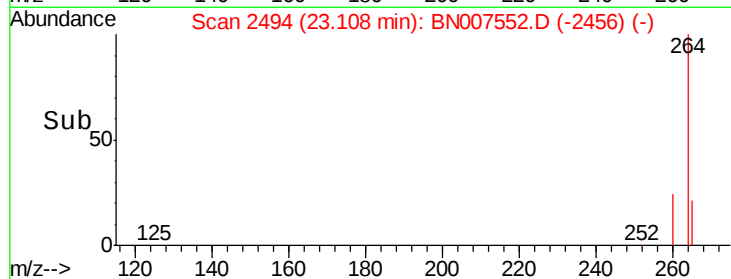
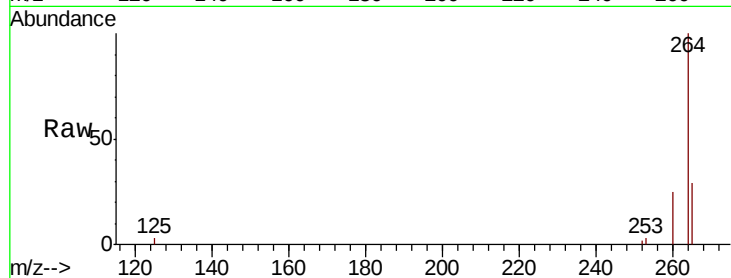
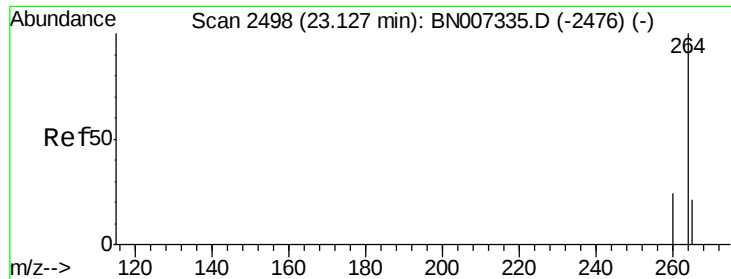


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2494
 Delta R.T. -0.02 min
 Lab File: BN007552.D
 Acq: 06 Sep 2019 21:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	264	Resp:	28417
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.7	29.5
265	29.3	29.9	44.9#

