

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 :
 EB-3-090519

Quant Time: Sep 07 00:37:15 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

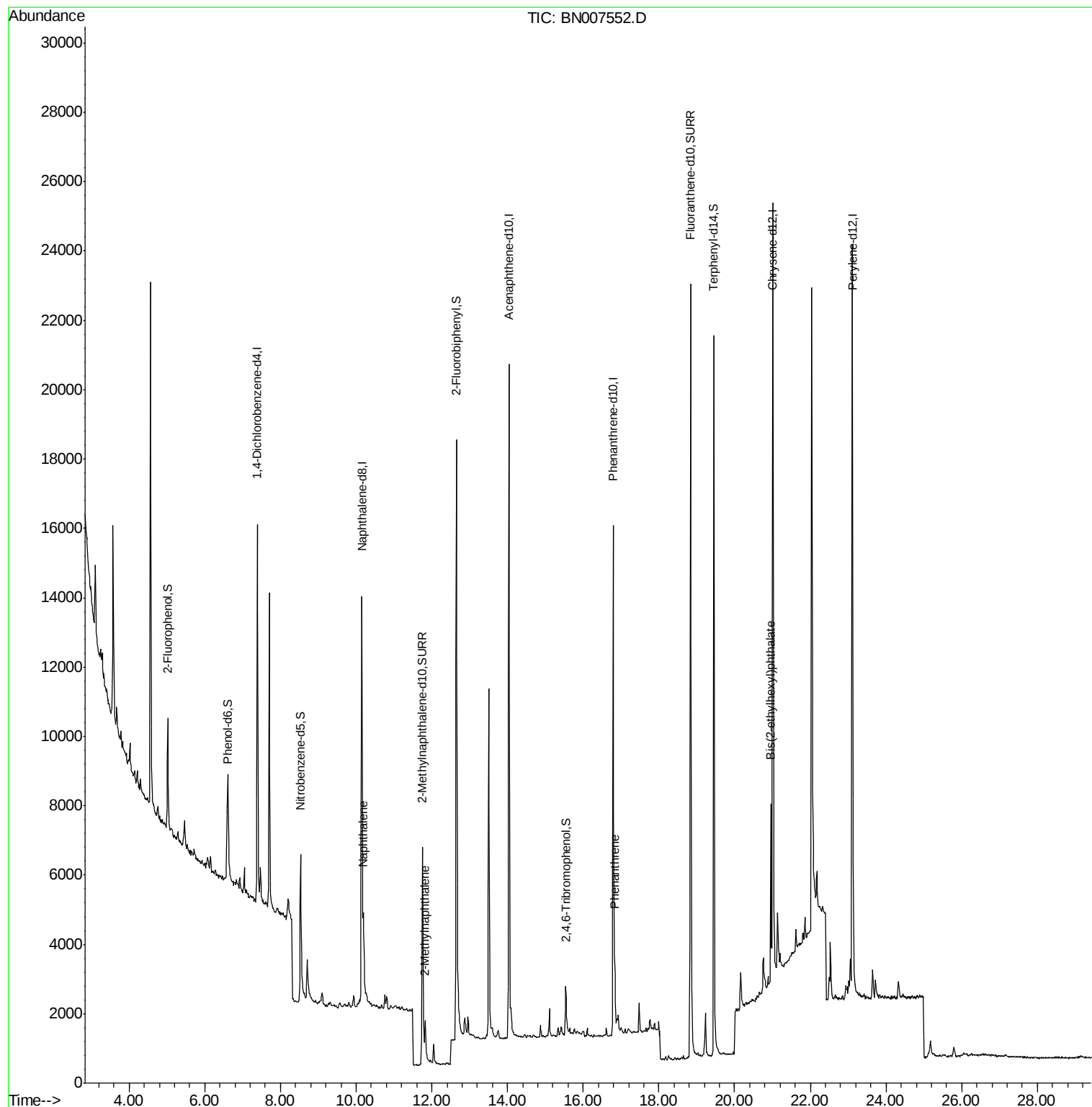
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5599	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	21924	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	11999	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	25423	0.40	ng	0.00
27) Chrysene-d12	21.00	240	25347	0.40	ng	-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						
9) Naphthalene	10.19	128	2839	0.045	ng	Qvalue 96
12) 2-Methylnaphthalene	11.82	142	960	0.022	ng	# 93
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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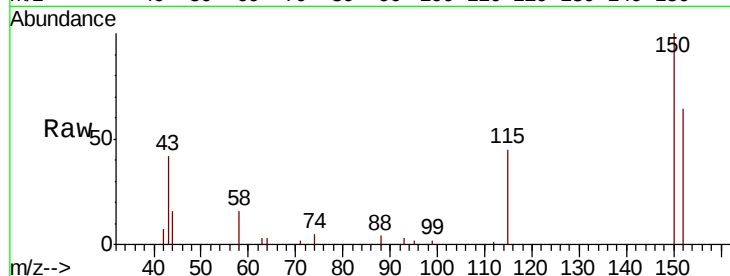


#1

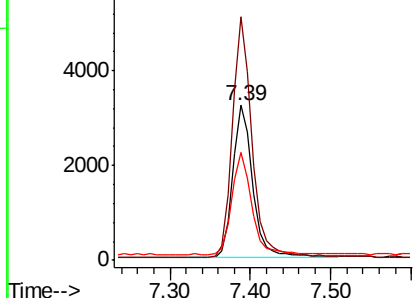
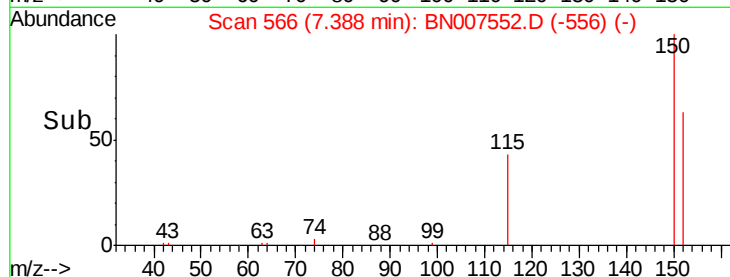
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007552.D
Acq: 06 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
EB-3-090519

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



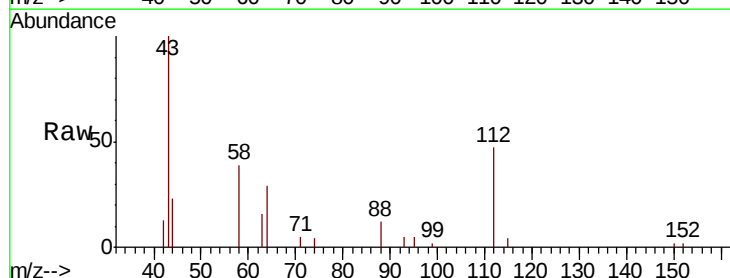
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



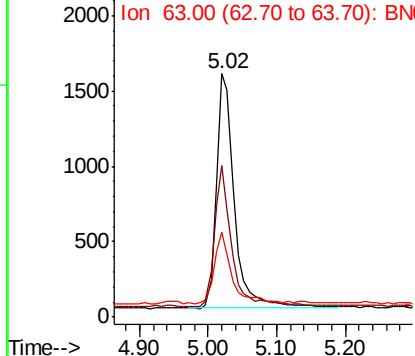
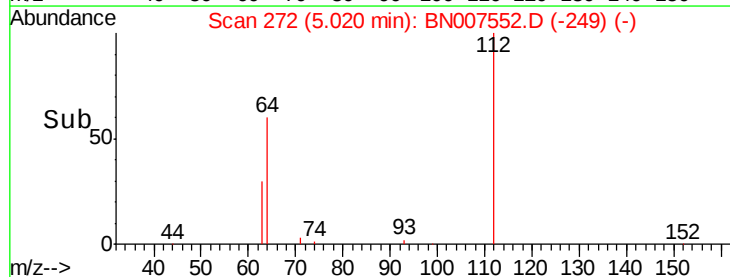
#4

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

ClientSampleId :

EB-3-090519

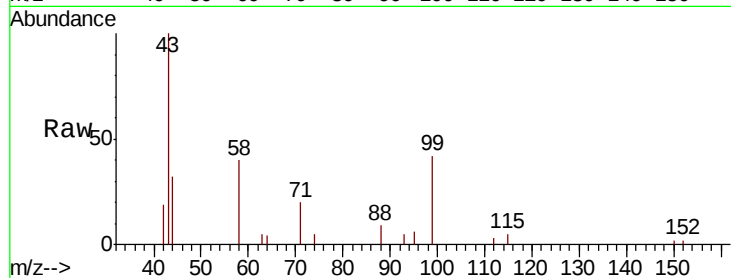
Tot Ion: 99 Resp: 2241

Ion Ratio Lower Upper

99 100

42 19.9 11.2 16.8#

71 35.1 31.8 47.8

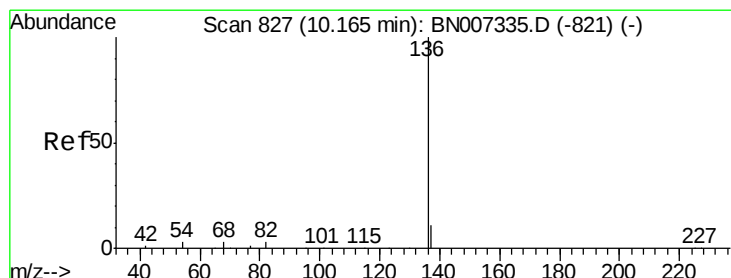
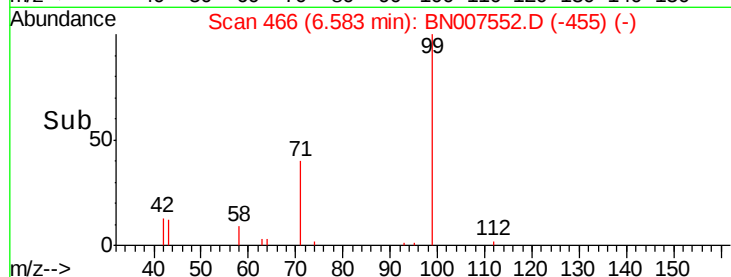
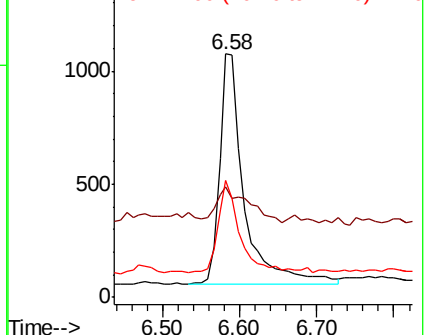


Abundance

Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007335.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007335.D (-462) (-)



#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

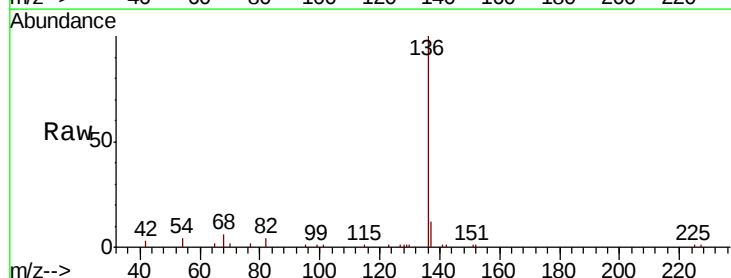
Ion Ratio Lower Upper

136 100

137 11.6 12.9 19.3#

54 4.5 8.6 12.8#

68 5.9 17.0 25.4#



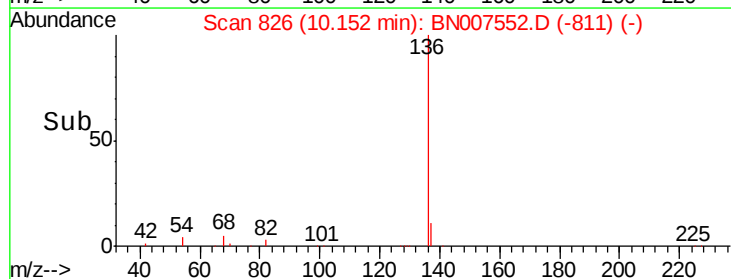
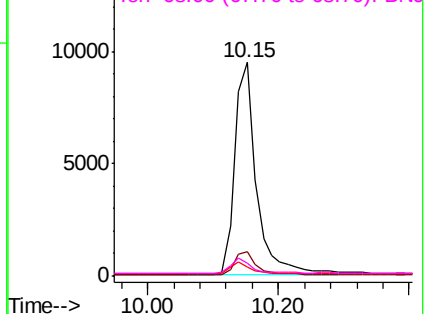
Abundance

Ion 136.00 (135.70 to 136.70): BN007335.D (-821) (-)

Ion 137.00 (136.70 to 137.70): BN007335.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BN007335.D (-821) (-)

Ion 68.00 (67.70 to 68.70): BN007335.D (-821) (-)





#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 :

EB-3-090519

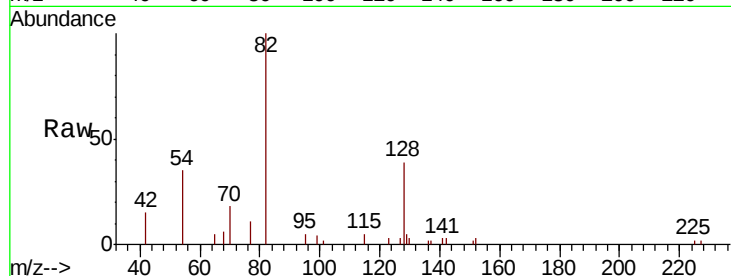
Tot Ion: 82 Resp: 5792

Ion Ratio Lower Upper

82 100

128 39.2 19.7 29.5#

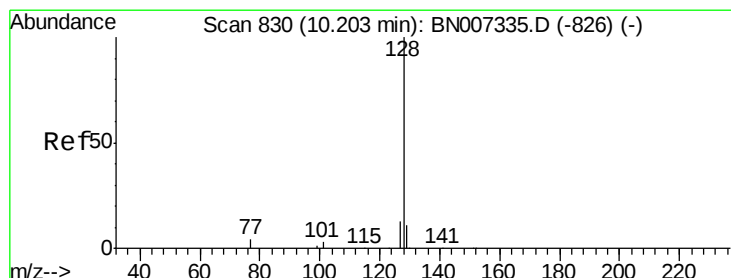
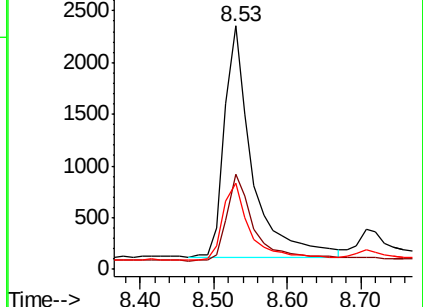
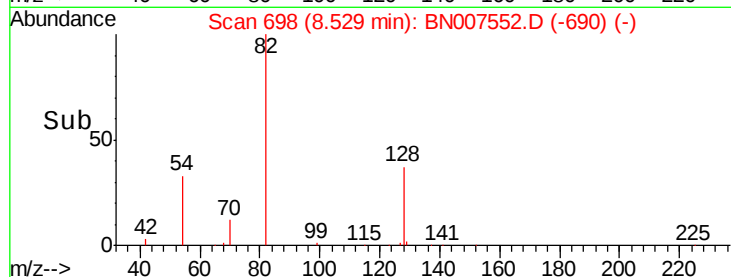
54 35.2 25.8 38.6



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

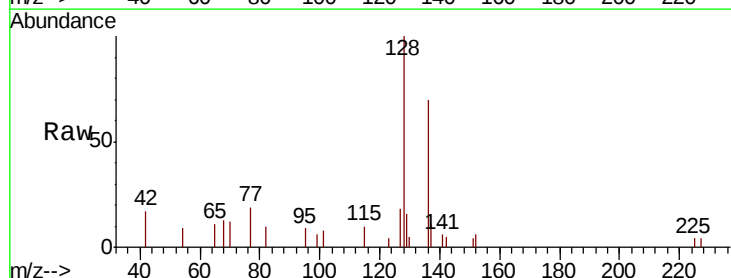
Tgt Ion: 128 Resp: 2839

Ion Ratio Lower Upper

128 100

129 15.8 11.1 16.7

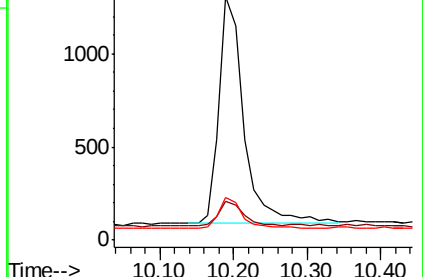
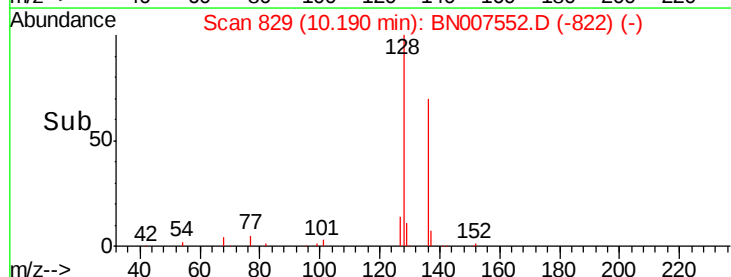
127 17.7 15.5 23.3

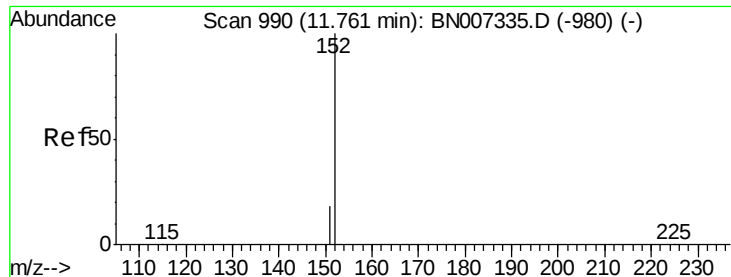


Abundance Ion 128.00 (127.70 to 128.70): BN007552.D (-822) (-)

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

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

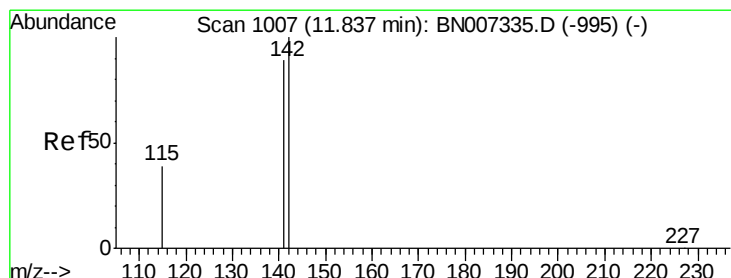
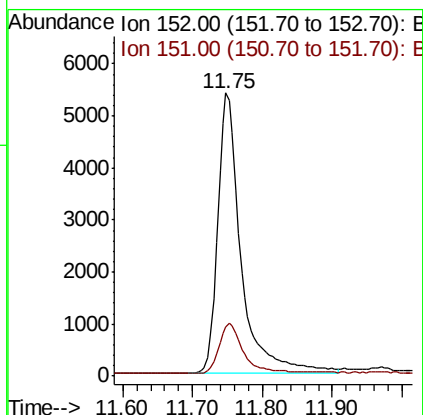
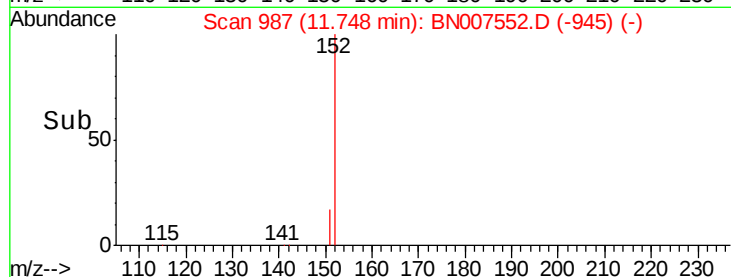
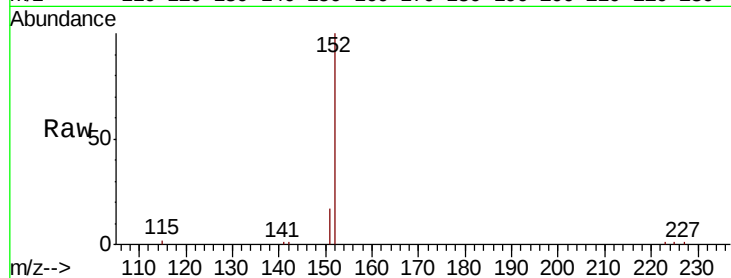




#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN007552.D
Acq: 06 Sep 2019 21:24

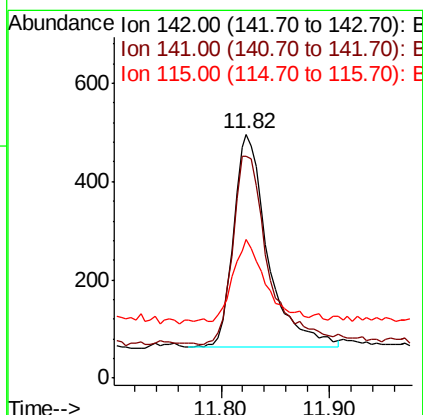
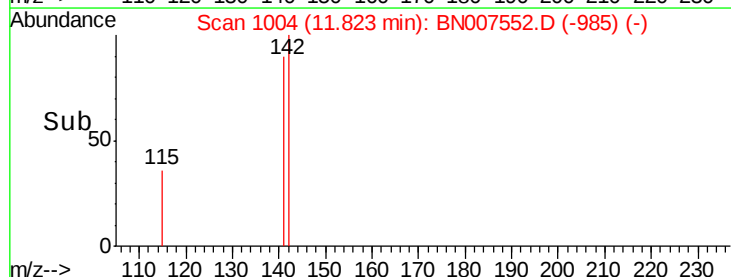
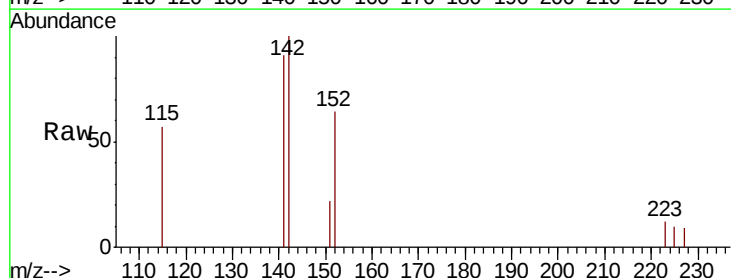
Instrument :
BNA_N
ClientSampleId :
EB-3-090519

Tot Ion:152 Resp: 12469
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.2



#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#





#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 :

EB-3-090519

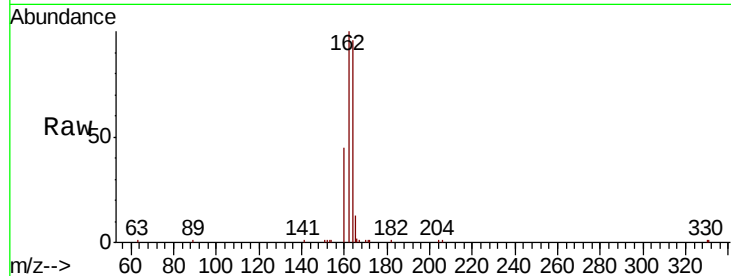
Tot Ion:164 Resp: 11999

Ion Ratio Lower Upper

164 100

162 104.0 83.5 125.3

160 47.2 38.2 57.4

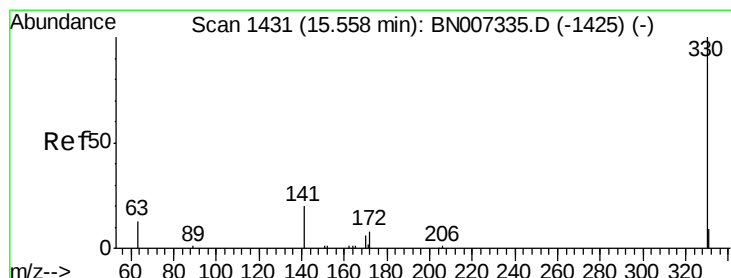
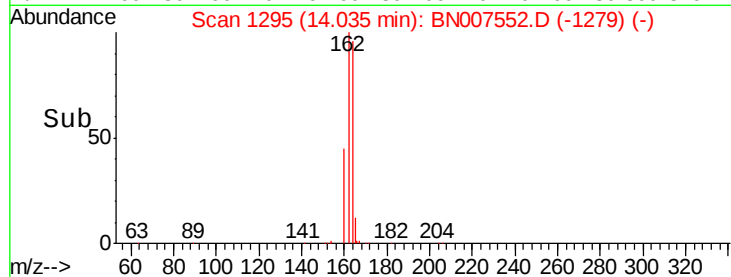
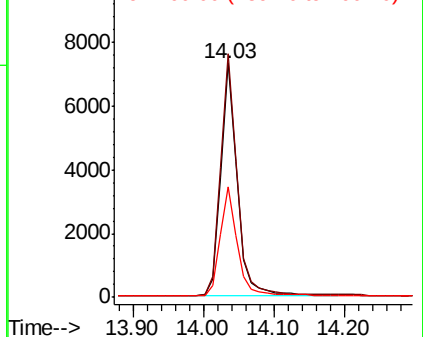


Abundance

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

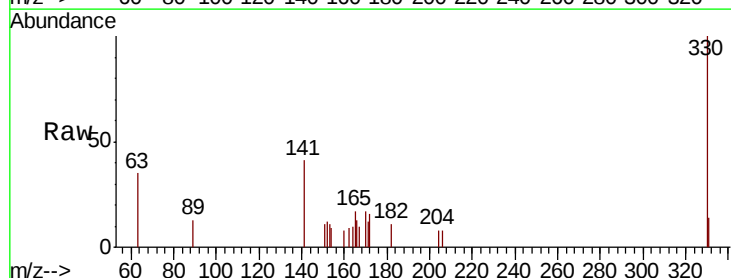
Tgt Ion:330 Resp: 1593

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 33.0 26.9 40.3

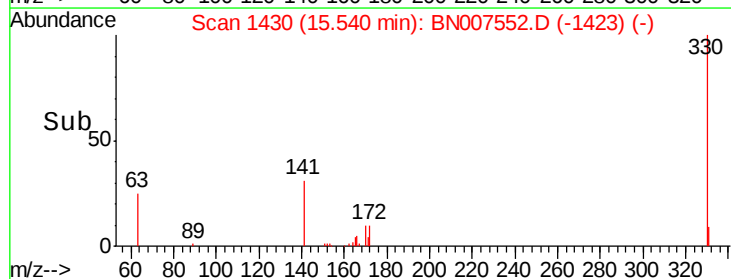
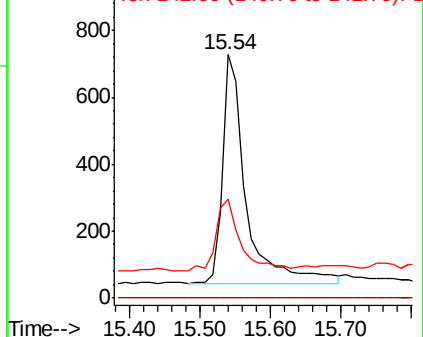


Abundance

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

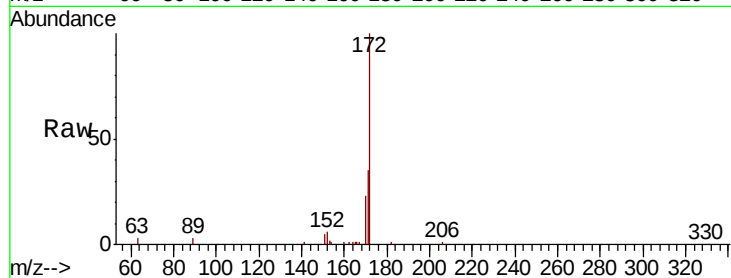




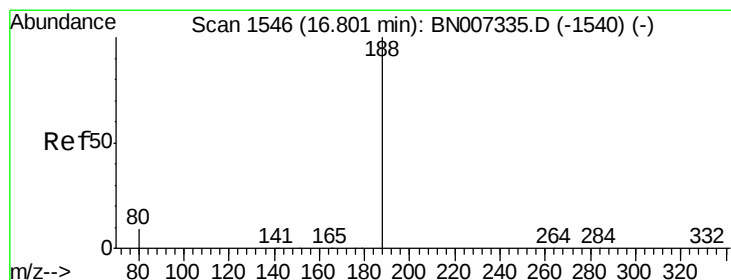
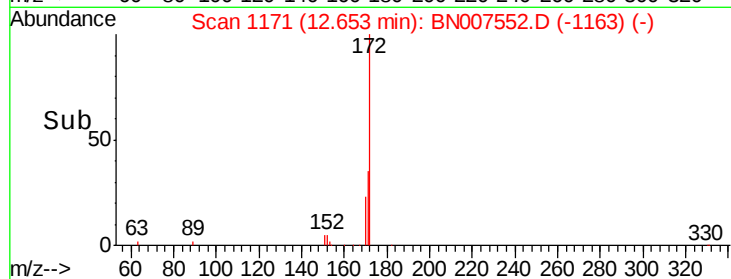
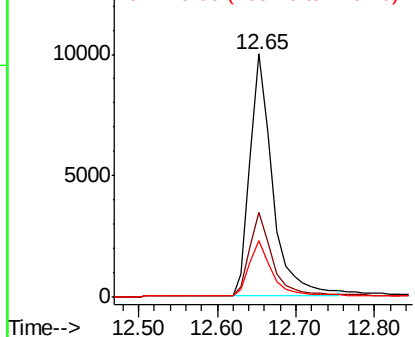
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007552.D
Acq: 06 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
EB-3-090519

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

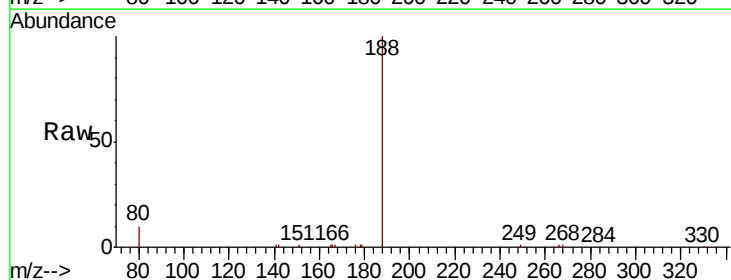


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

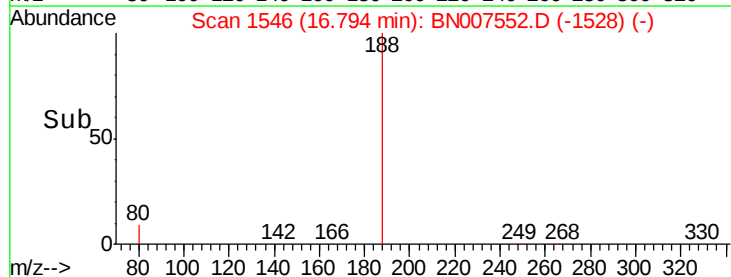
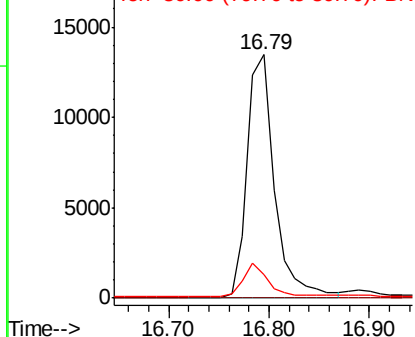


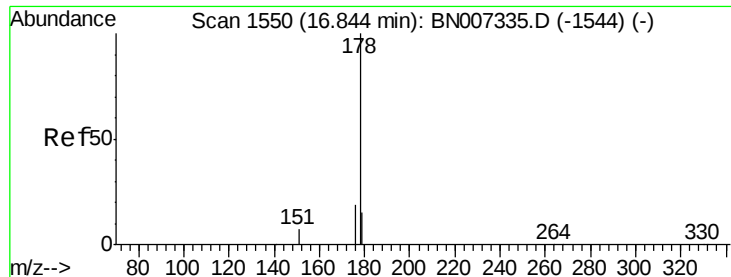
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007552.D
Acq: 06 Sep 2019 21:24

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#



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





#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

Instrument :

BNA_N

ClientSampleId :

EB-3-090519

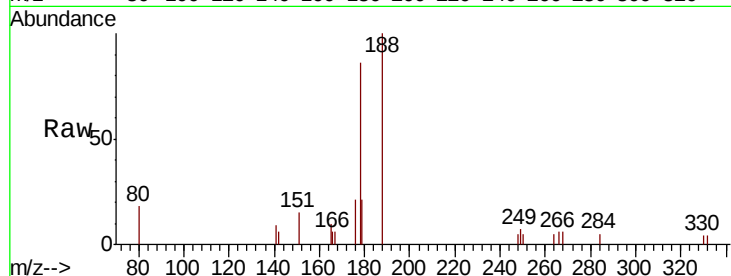
Tot Ion:178 Resp: 1645

Ion Ratio Lower Upper

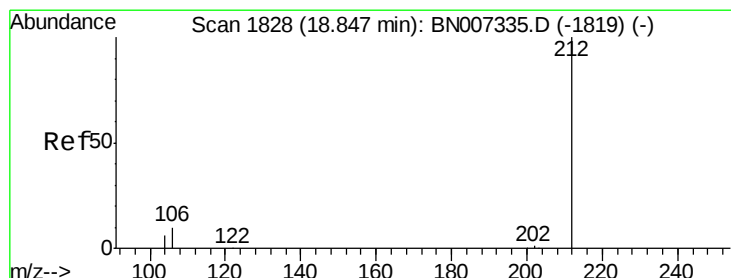
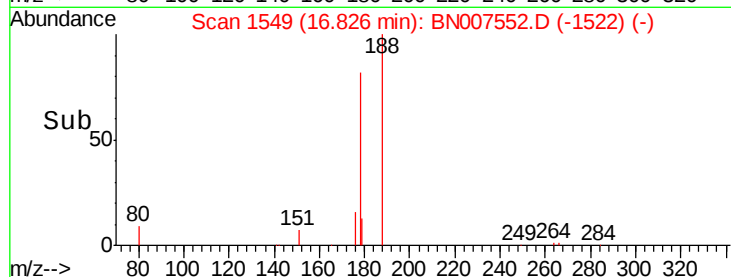
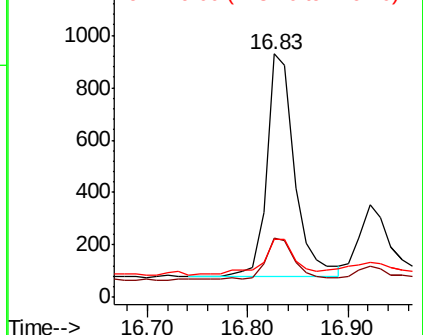
178 100

176 19.2 15.3 22.9

179 17.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#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

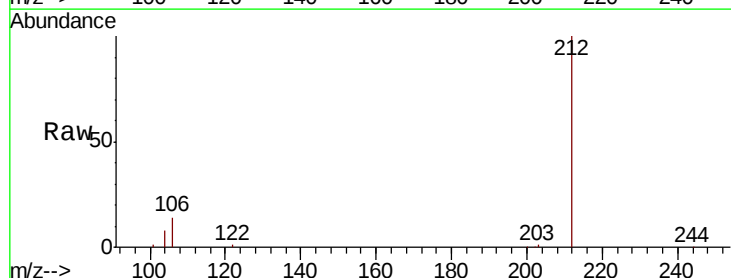
Tgt Ion:212 Resp: 29671

Ion Ratio Lower Upper

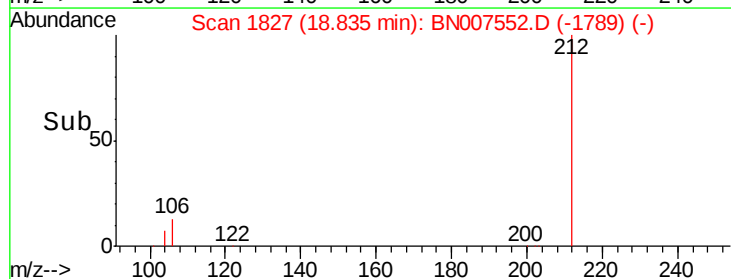
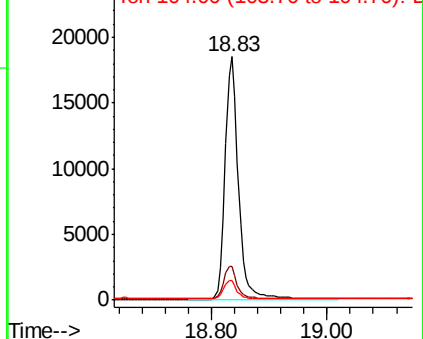
212 100

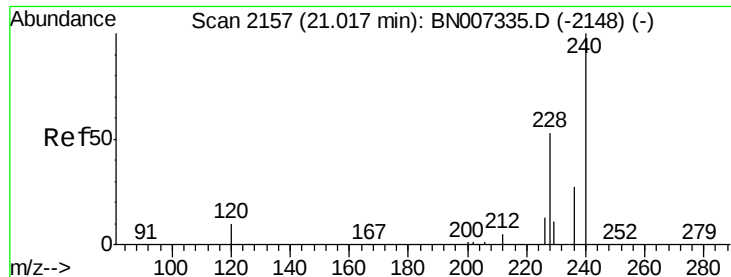
106 13.6 9.0 13.4#

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

Instrument :

BNA_N

ClientSampleID :

EB-3-090519

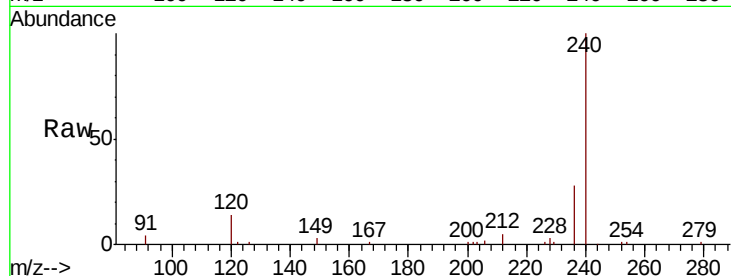
Tot Ion:240 Resp: 25347

Ion Ratio Lower Upper

240 100

120 14.2 9.6 14.4

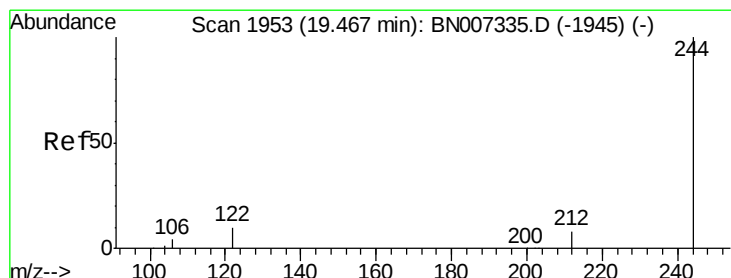
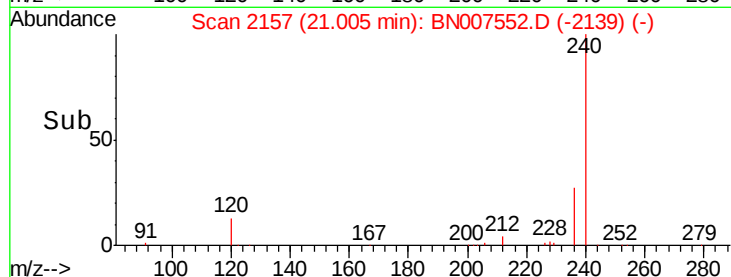
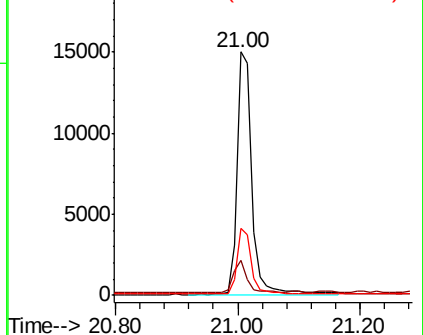
236 27.7 22.2 33.2



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

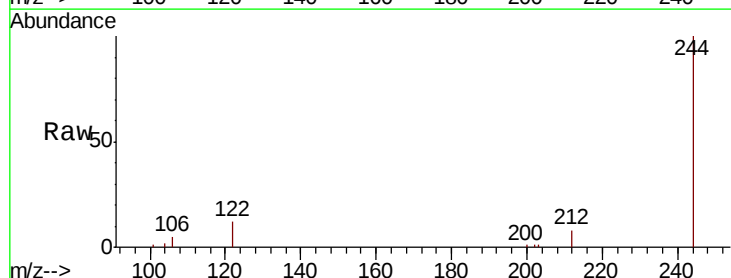
Tgt Ion:244 Resp: 23348

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.6

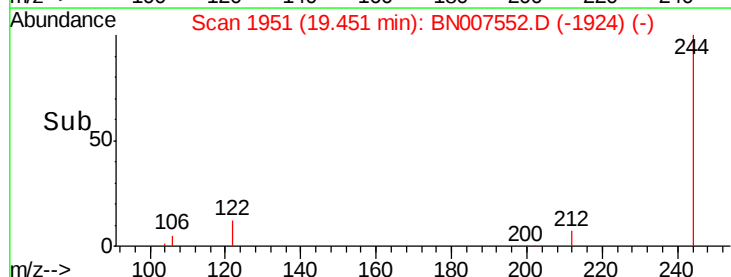
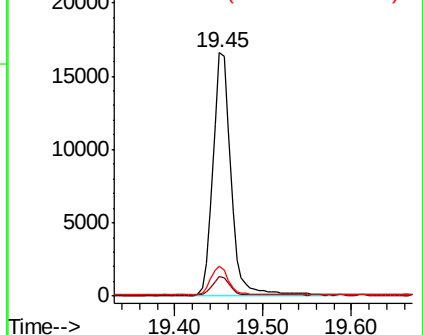
122 12.4 9.6 14.4

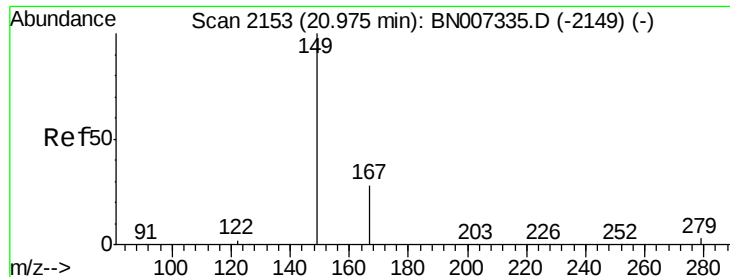


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :

BNA_N

ClientSampleId :

EB-3-090519

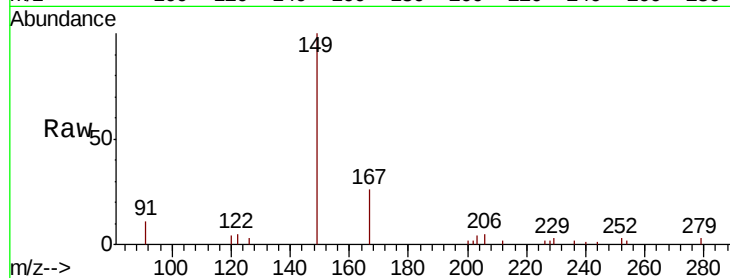
Tot Ion:149 Resp: 5500

Ion Ratio Lower Upper

149 100

167 27.1 22.8 34.2

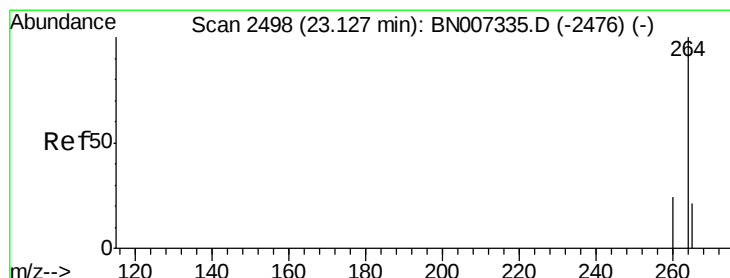
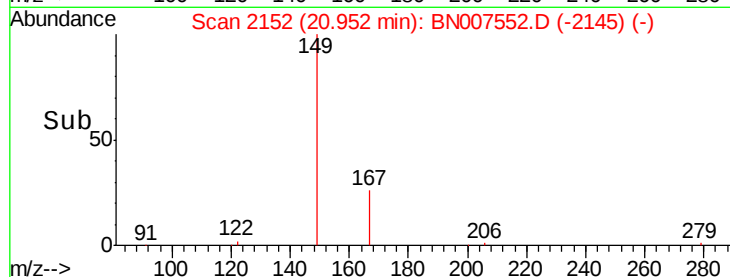
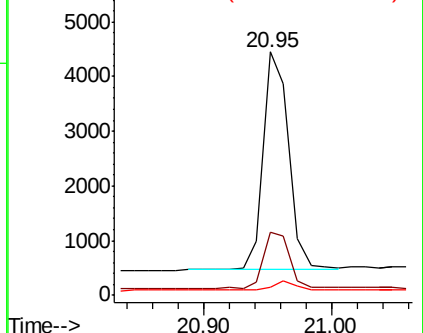
279 4.0 3.5 5.3



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

Perylene-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

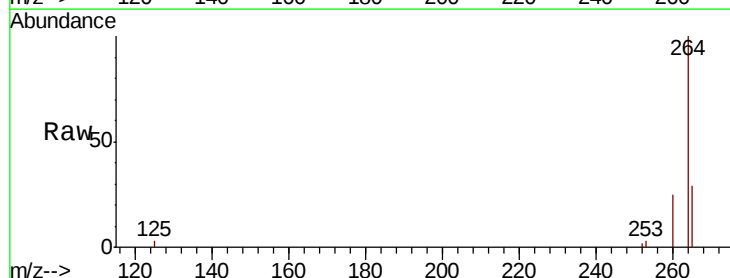
Tgt Ion:264 Resp: 28417

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 29.3 29.9 44.9#



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

