

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
 Data File : BN011694.D
 Acq On : 03 Sep 2020 12:35
 Operator : CG/JU
 Sample : L3504-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EO-02-081120

Quant Time: Sep 03 13:06:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 12:33:00 2020
 Response via : Initial Calibration

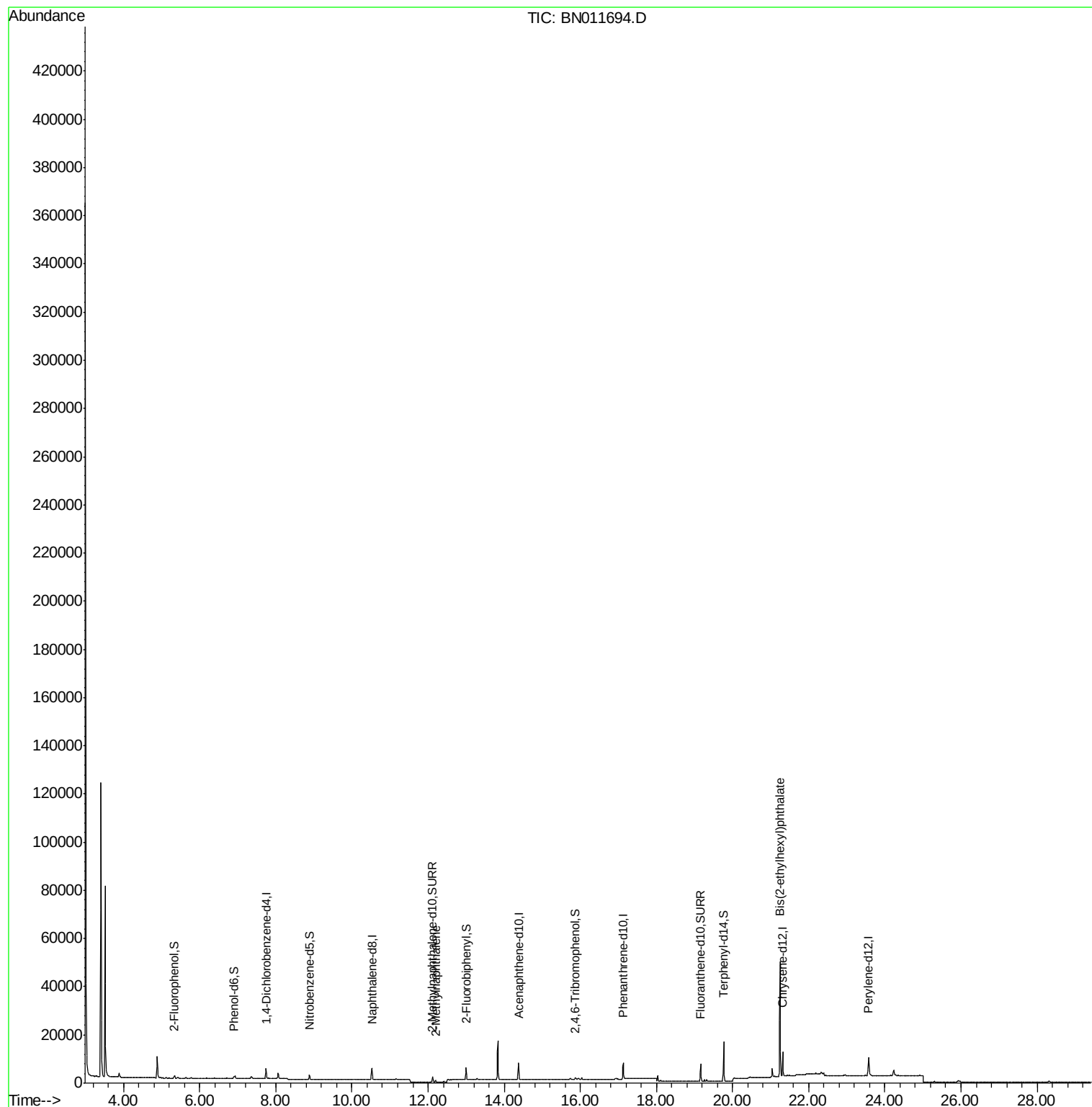
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1896	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	7202	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4265	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	9885	0.40	ng	0.00
29) Chrysene-d12	21.32	240	10184	0.40	ng	0.00
36) Perylene-d12	23.57	264	9783	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	687	0.13	ng	0.00
5) Phenol-d6	6.90	99	634	0.09	ng	0.00
8) Nitrobenzene-d5	8.88	82	1568	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	2719	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	528	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	4126	0.23	ng	0.00
27) Fluoranthene-d10	19.16	212	8116	0.26	ng	0.00
31) Terphenyl-d14	19.76	244	16257	0.64	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.19	142	481	0.033	ng	Qvalue # 92
34) Bis(2-ethylhexyl)phthalate	21.25	149	39201	2.650	ng	99

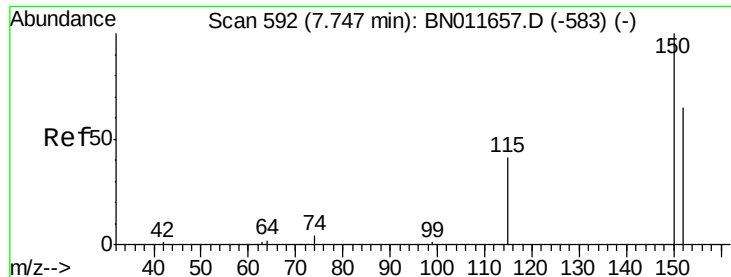
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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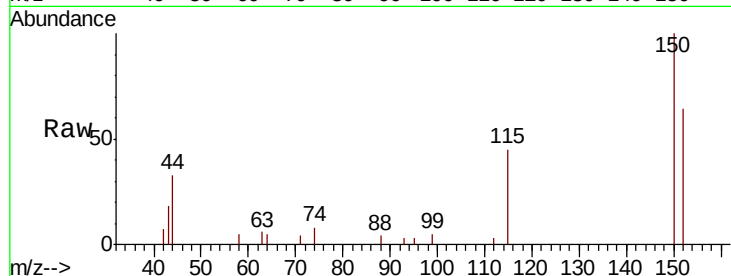


#1

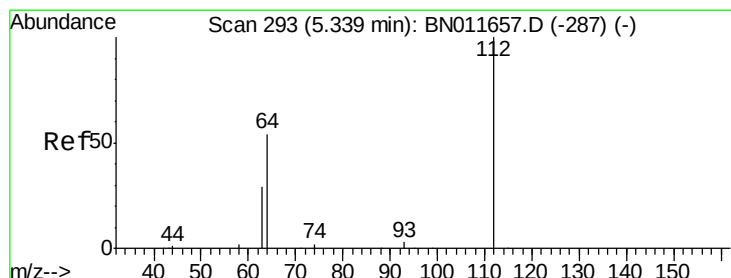
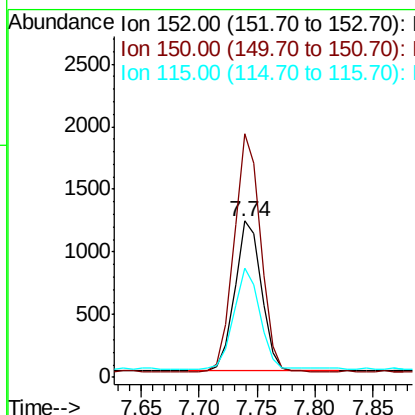
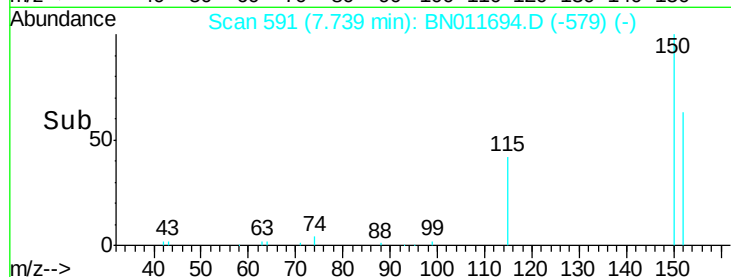
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 591
Delta R.T. 0.00 min
Lab File: BN011694.D
Acq: 03 Sep 2020 12:35

Instrument :
BNA_N
ClientSampleId :
EO-02-081120

Tot Ion:152 Resp: 1896
Ion Ratio Lower Upper
152 100
150 155.6 121.0 181.6
115 69.4 52.6 78.8



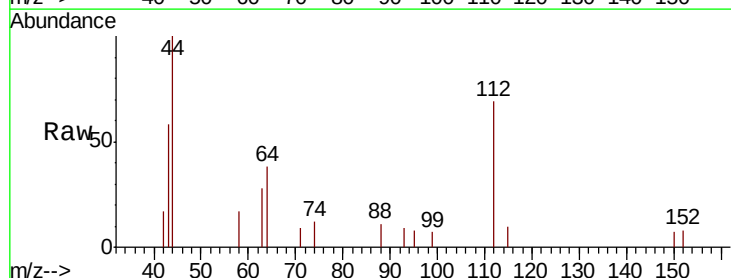
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



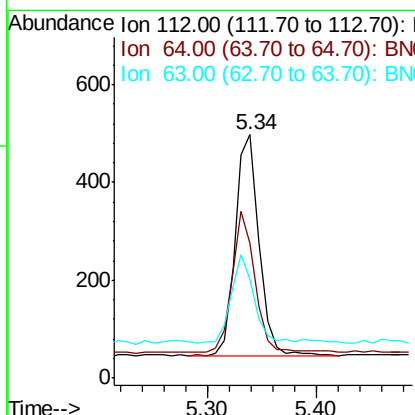
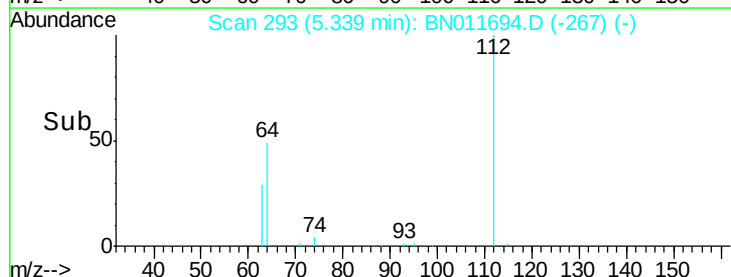
#4

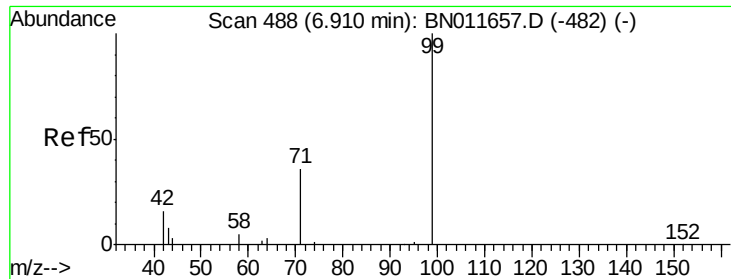
2-Fluorophenol
Concen: 0.128 ng
RT: 5.34 min Scan# 293
Delta R.T. 0.01 min
Lab File: BN011694.D
Acq: 03 Sep 2020 12:35

Tgt Ion:112 Resp: 687
Ion Ratio Lower Upper
112 100
64 62.0 49.7 74.5
63 38.6 29.4 44.0



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: 0.087 ng

RT: 6.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN011694.D

Acq: 03 Sep 2020 12:35

Instrument :

BNA_N

ClientSampleId :

EO-02-081120

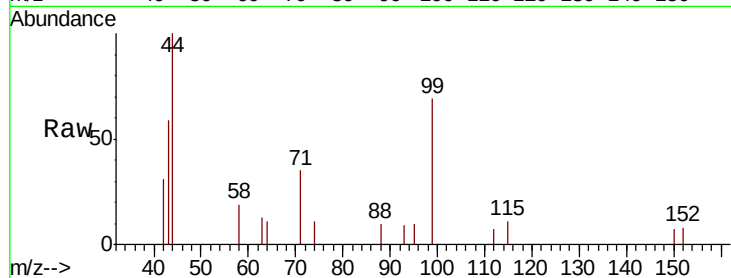
Tot Ion: 99 Resp: 634

Ion Ratio Lower Upper

99 100

42 50.5 20.2 30.2#

71 47.6 33.3 49.9

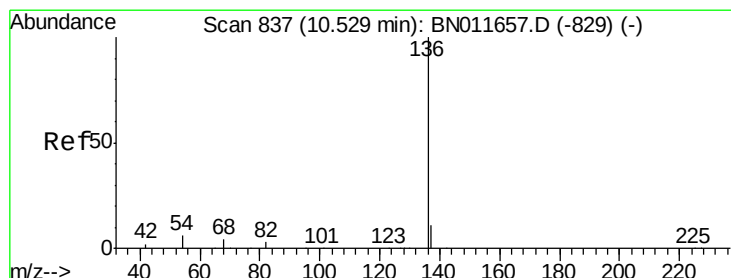
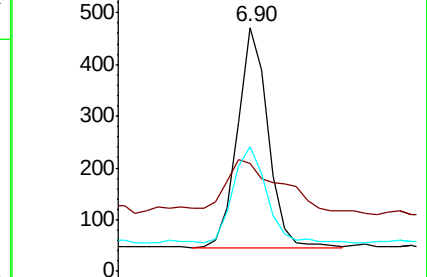
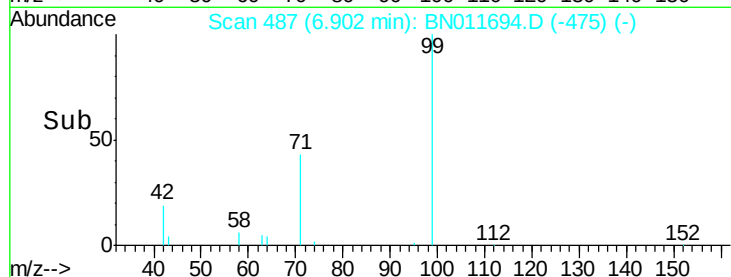


Abundance Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011657.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011657.D (-482) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011694.D

Acq: 03 Sep 2020 12:35

Tgt Ion: 136 Resp: 7202

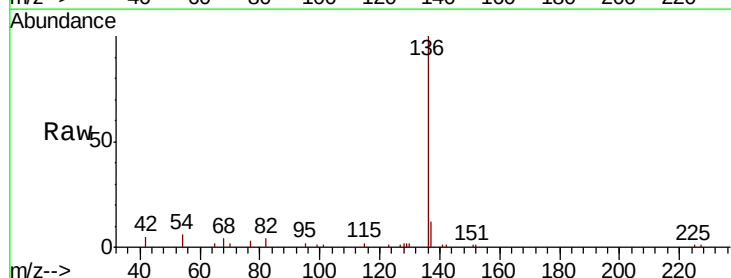
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 6.0 5.8 8.8

68 4.1 4.1 6.1



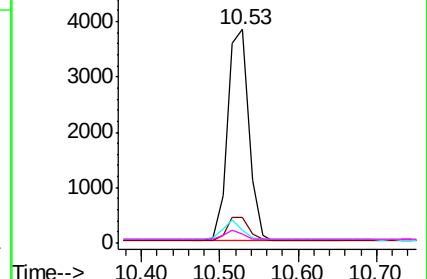
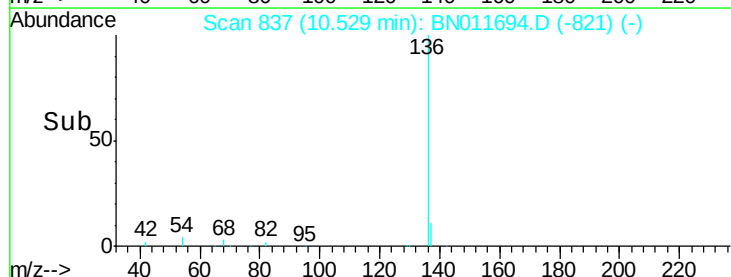
Abundance Ion 136.00 (135.70 to 136.70): BN011657.D (-829) (-)

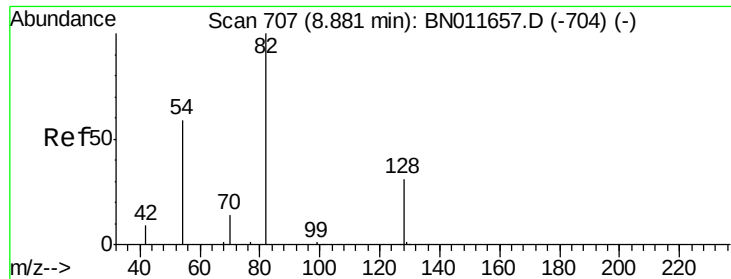
Ion 137.00 (136.70 to 137.70): BN011657.D (-829) (-)

Ion 54.00 (53.70 to 54.70): BN011657.D (-829) (-)

Ion 68.00 (67.70 to 68.70): BN011657.D (-829) (-)

Time-->

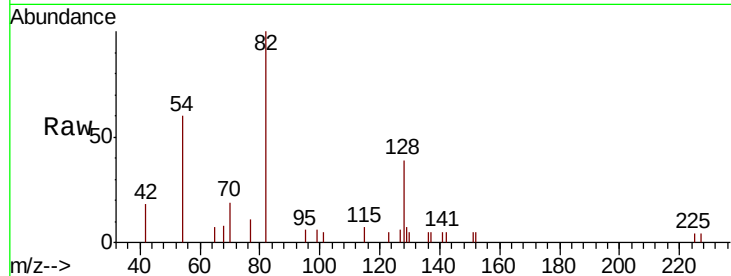




#8
 Nitrobenzene-d5
 Concen: 0.225 ng
 RT: 8.88 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BN011694.D
 Acq: 03 Sep 2020 12:35

Instrument :
 BNA_N
 ClientSampleId :
 EO-02-081120

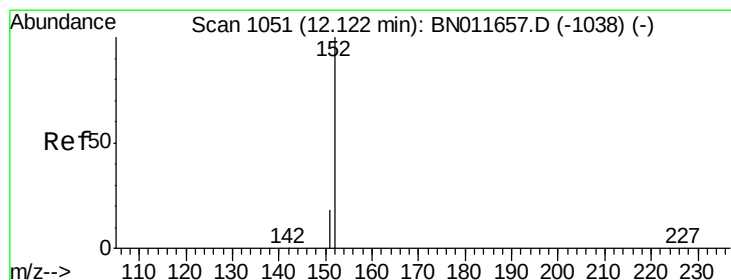
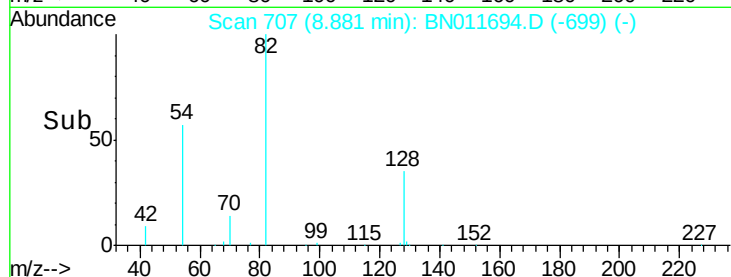
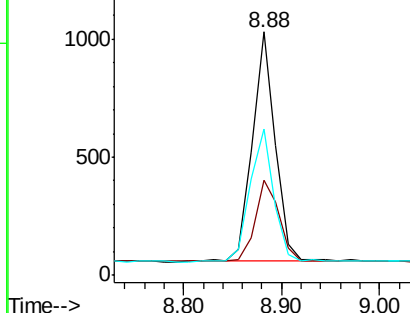
Tot Ion	82	Resp	1568
Ion Ratio	Lower	Upper	
82	100		
128	38.9	26.2	39.2
54	60.0	48.2	72.4



Abundance Ion 82.00 (81.70 to 82.70): BN011657.D (-704) (-)

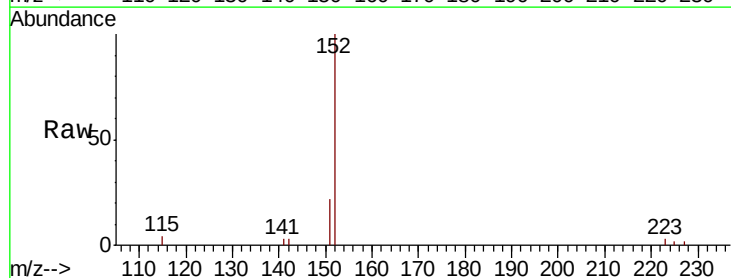
Ion 128.00 (127.70 to 128.70): BN011657.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN011657.D (-704) (-)



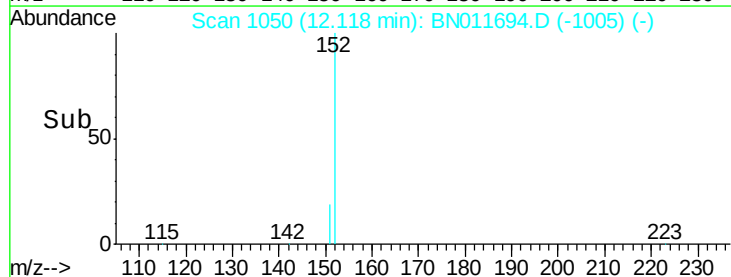
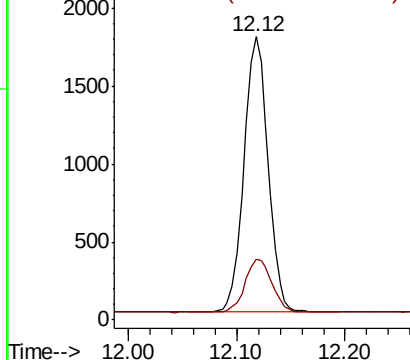
#11
 2-Methylnaphthalene-d10
 Concen: 0.209 ng
 RT: 12.12 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BN011694.D
 Acq: 03 Sep 2020 12:35

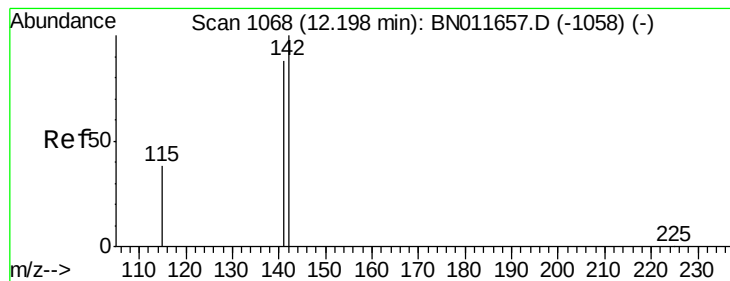
Tgt Ion	152	Resp	2719
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.7	25.1



Abundance Ion 152.00 (151.70 to 152.70): BN011657.D (-1038) (-)

Ion 151.00 (150.70 to 151.70): BN011657.D (-1038) (-)





#12

2-Methylnaphthalene

Concen: 0.033 ng

RT: 12.19 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BN011694.D

Acq: 03 Sep 2020 12:35

Instrument :

BNA_N

ClientSampleId :

EO-02-081120

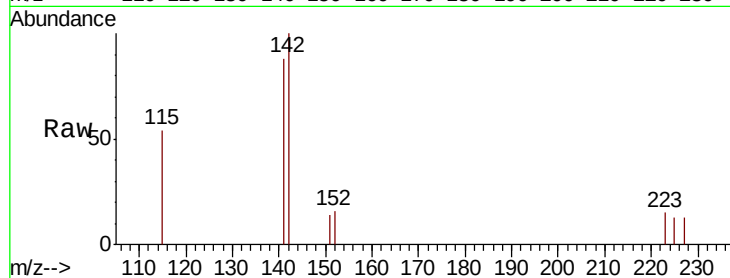
Tot Ion:142 Resp: 481

Ion Ratio Lower Upper

142 100

141 87.5 70.6 106.0

115 53.7 31.3 46.9#



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

12.19

400

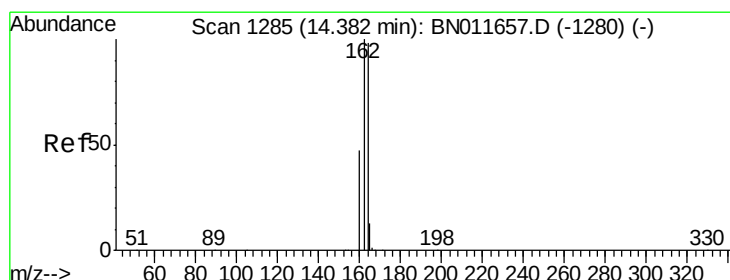
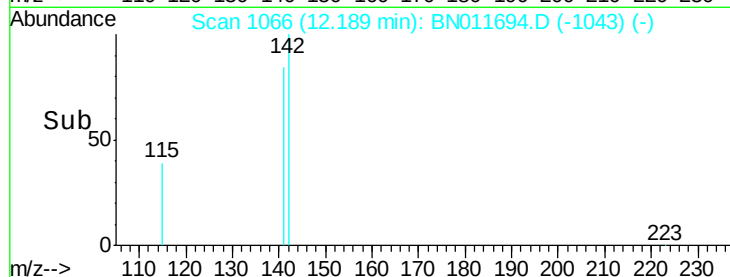
300

200

100

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011694.D

Acq: 03 Sep 2020 12:35

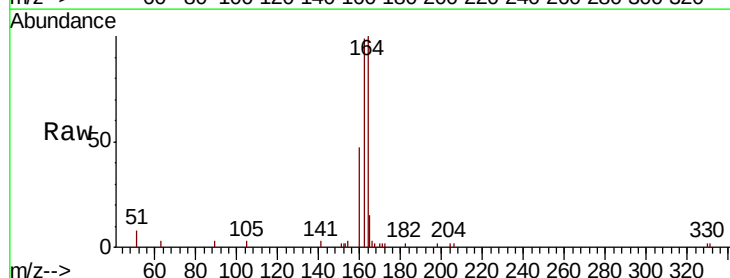
Tgt Ion:164 Resp: 4265

Ion Ratio Lower Upper

164 100

162 99.4 81.4 122.0

160 47.4 38.5 57.7



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

14.38

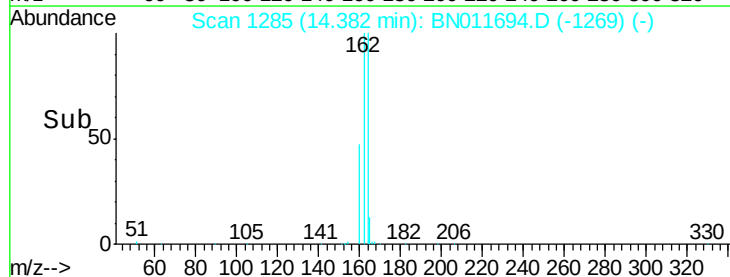
3000

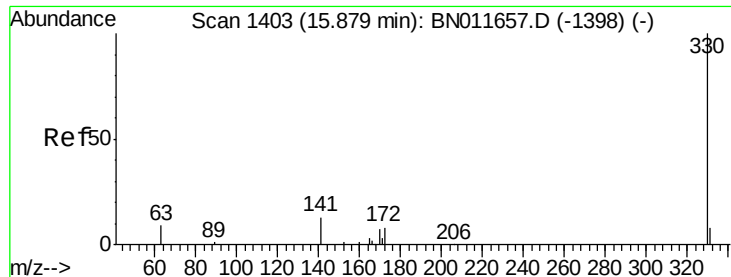
2000

1000

0

Time-->

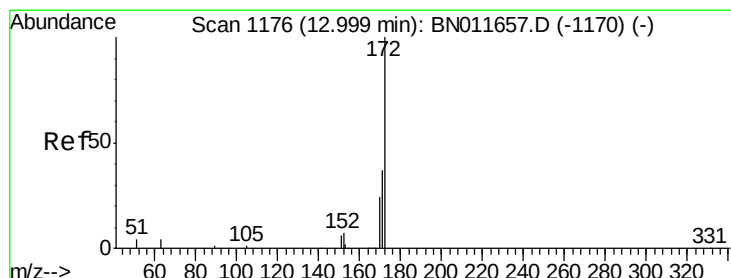
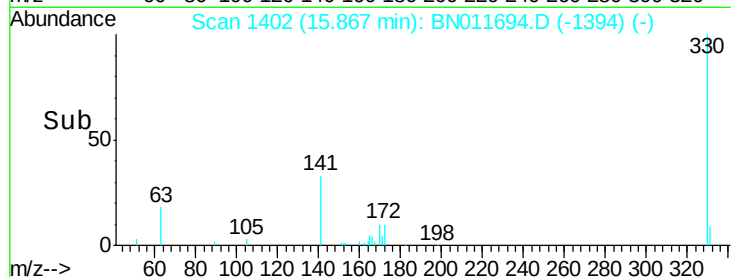
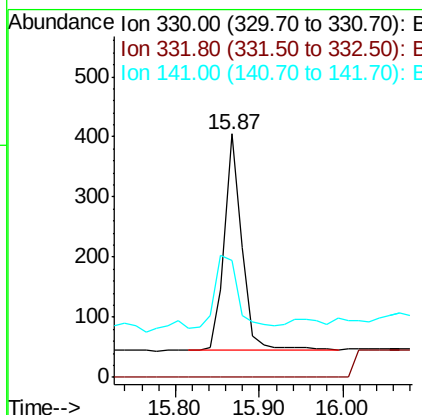
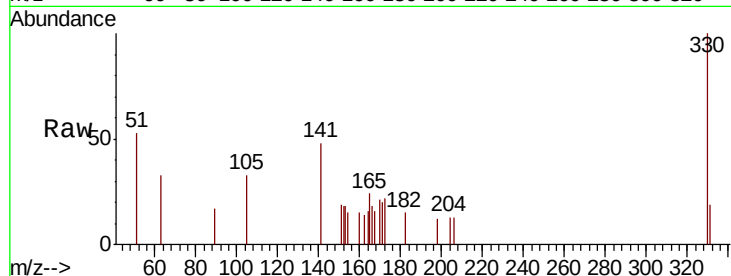




#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.87 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BN011694.D
Acq: 03 Sep 2020 12:35

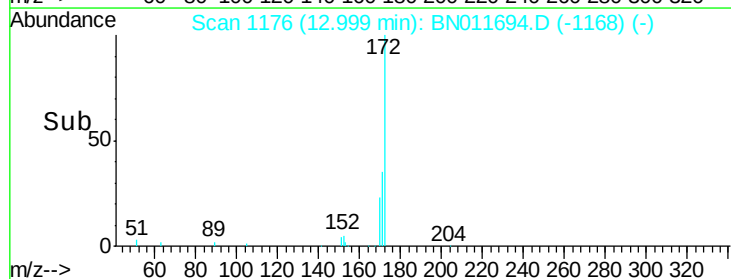
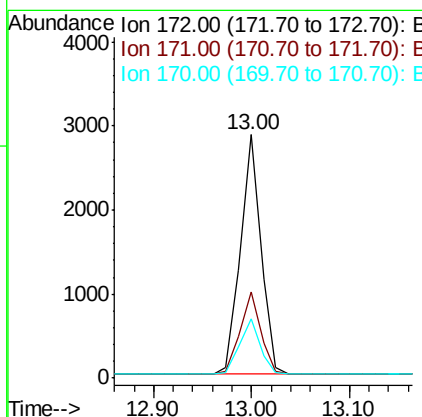
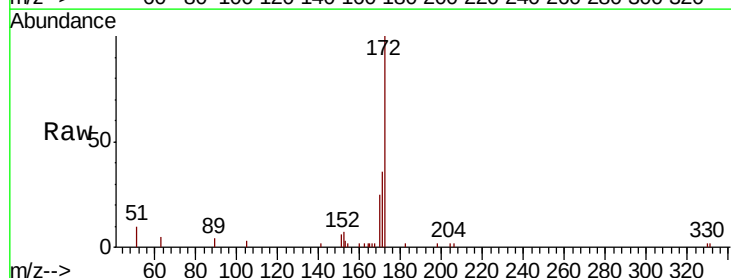
Instrument :
BNA_N
ClientSampled :
EO-02-081120

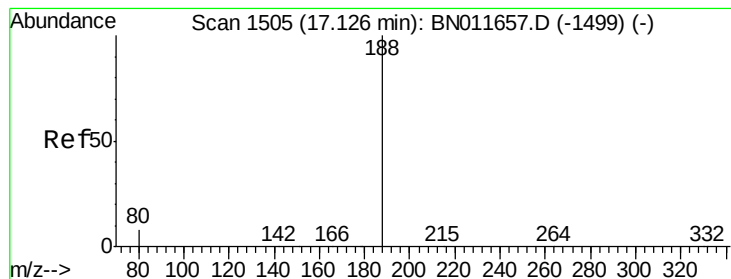
Tot Ion:330 Resp: 528
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.5 29.8 44.8



#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011694.D
Acq: 03 Sep 2020 12:35

Tgt Ion:172 Resp: 4126
Ion Ratio Lower Upper
172 100
171 35.6 30.0 45.0
170 24.5 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BN011694.D

Acq: 03 Sep 2020 12:35

Instrument :

BNA_N

ClientSampleId :

EO-02-081120

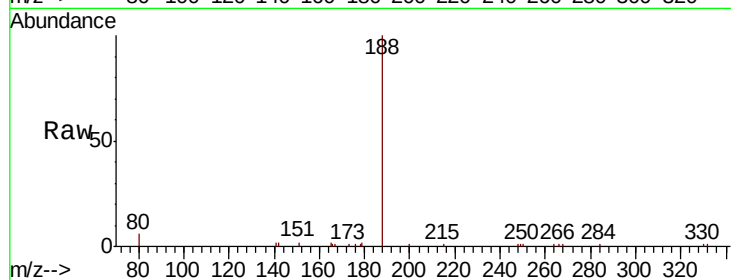
Tot Ion:188 Resp: 9885

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

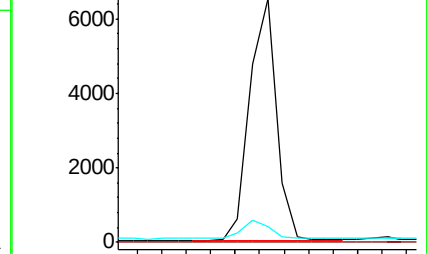
80 6.3 6.6 9.8#



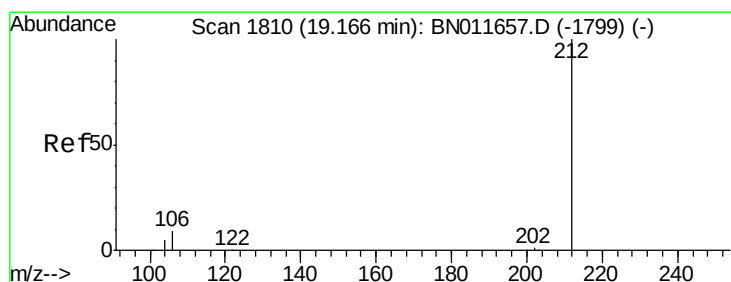
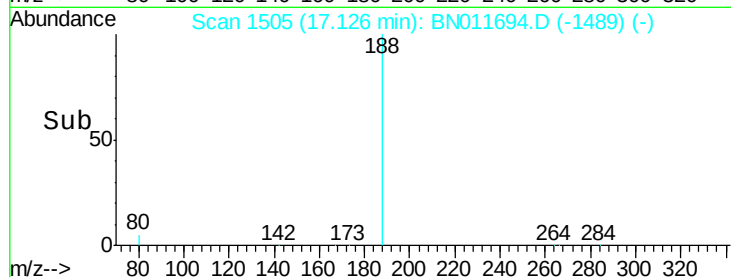
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time-->



#27

Fluoranthene-d10

Concen: 0.256 ng

RT: 19.16 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BN011694.D

Acq: 03 Sep 2020 12:35

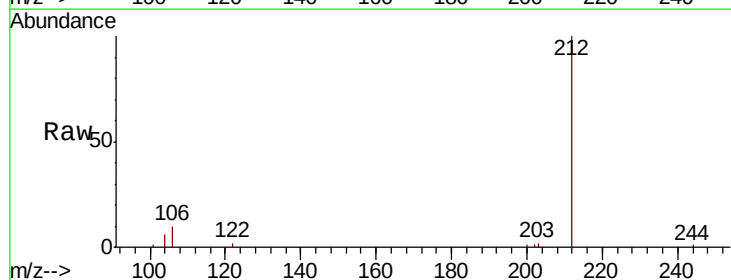
Tgt Ion:212 Resp: 8116

Ion Ratio Lower Upper

212 100

106 9.0 7.6 11.4

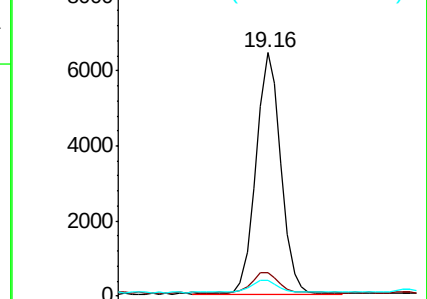
104 5.2 4.6 6.8



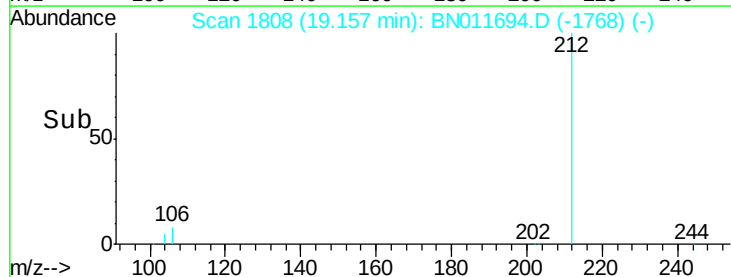
Abundance Ion 212.00 (211.70 to 212.70): E

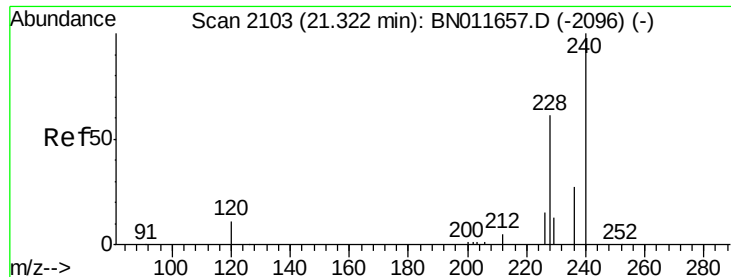
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.32 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BN011694.D

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Instrument :

BNA_N

ClientSampleId :

EO-02-081120

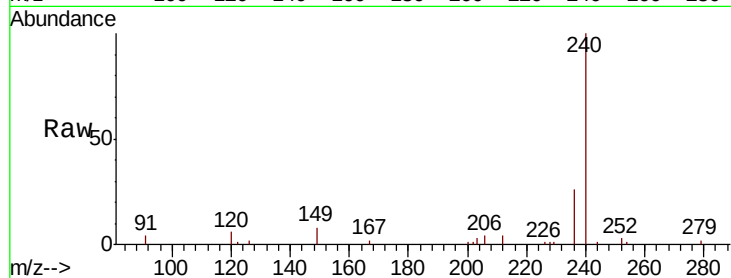
Tot Ion:240 Resp: 10184

Ion Ratio Lower Upper

240 100

120 5.6 9.9 14.9#

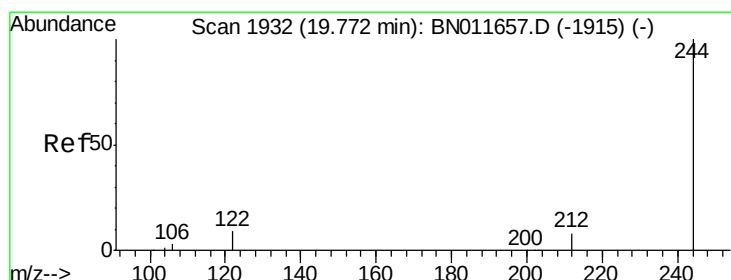
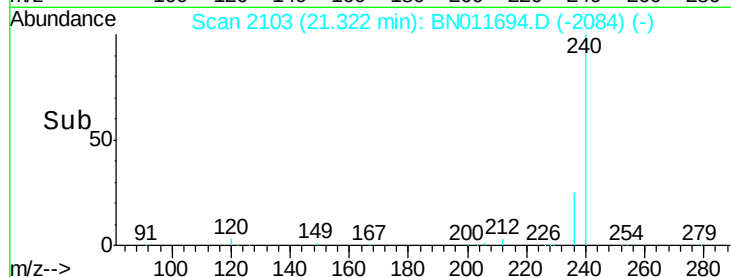
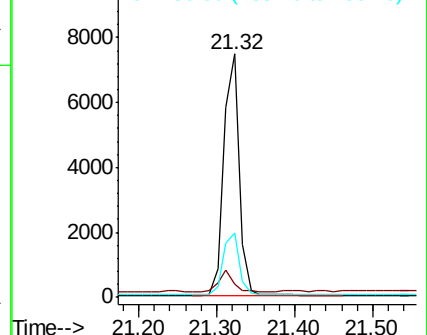
236 26.4 22.2 33.4



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



#31

Terphenyl-d14

Concen: 0.643 ng

RT: 19.76 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BN011694.D

Acq: 03 Sep 2020 12:35

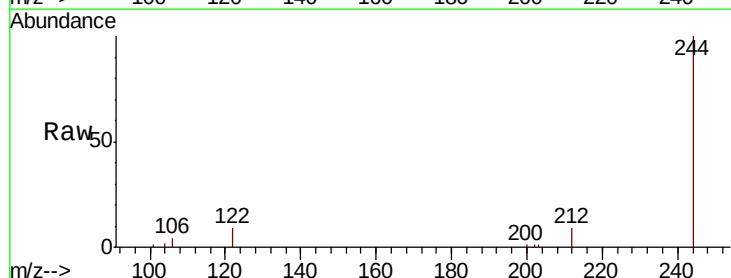
Tgt Ion:244 Resp: 16257

Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

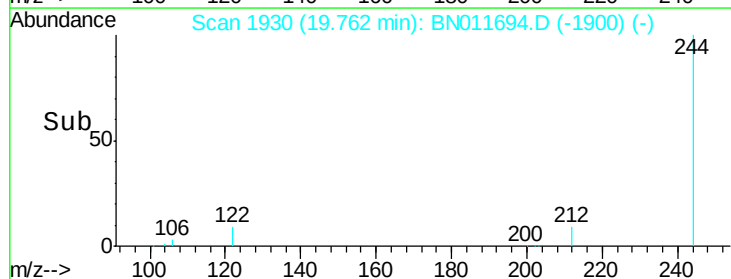
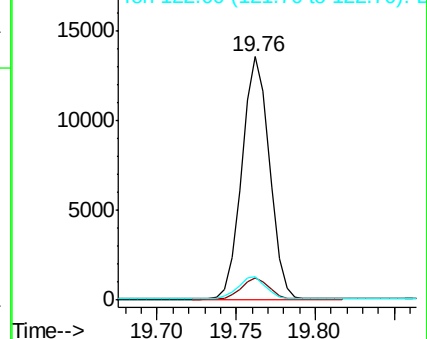
122 9.5 7.4 11.2

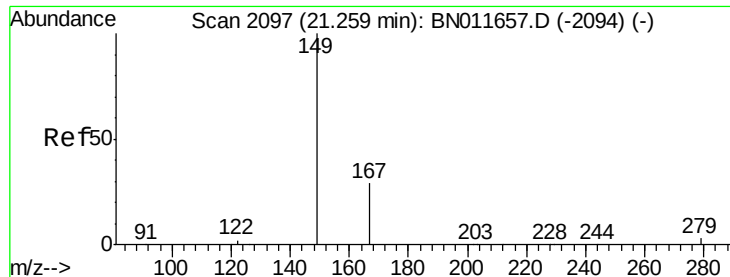


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 2.650 ng

RT: 21.25 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BN011694.D

Acq: 03 Sep 2020 12:35

Instrument :

BNA_N

ClientSampleId :

EO-02-081120

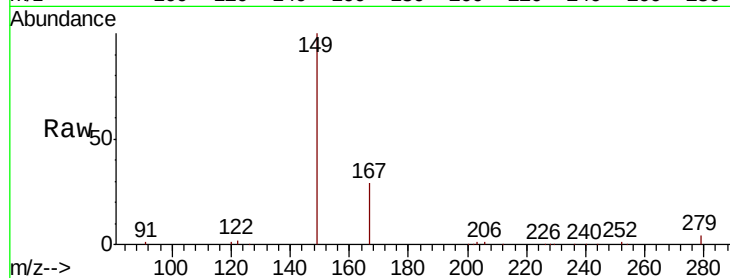
Tot Ion:149 Resp: 39201

Ion Ratio Lower Upper

149 100

167 28.4 23.2 34.8

279 4.6 4.0 6.0

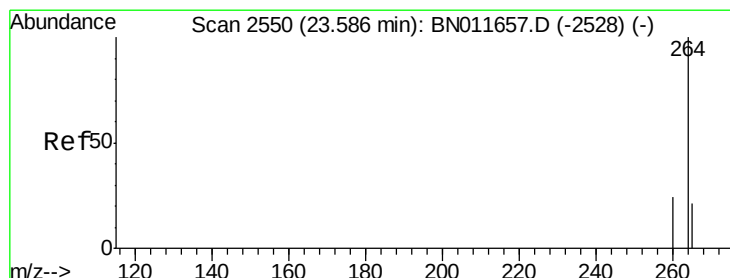
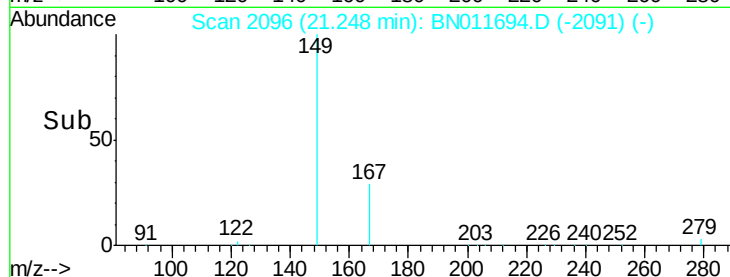
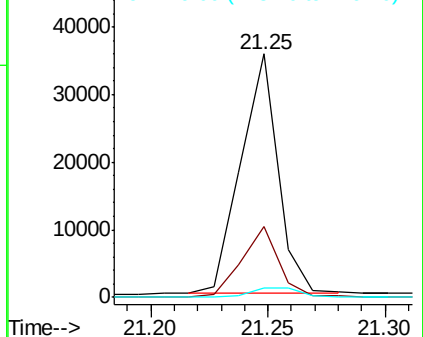


Abundance

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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.57 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BN011694.D

Acq: 03 Sep 2020 12:35

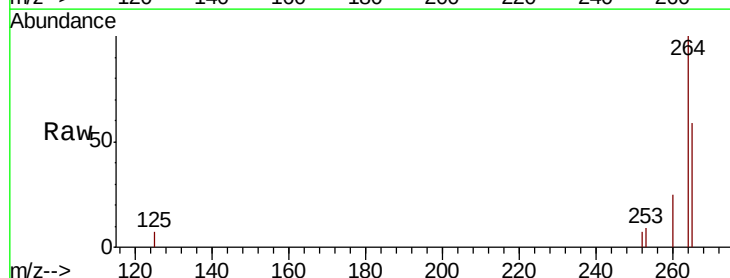
Tgt Ion:264 Resp: 9783

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

265 59.2 38.9 58.3#



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

