

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
 Data File : BN011695.D
 Acq On : 03 Sep 2020 13:10
 Operator : CG/JU
 Sample : L3890-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-081920

Quant Time: Sep 03 13:59:07 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

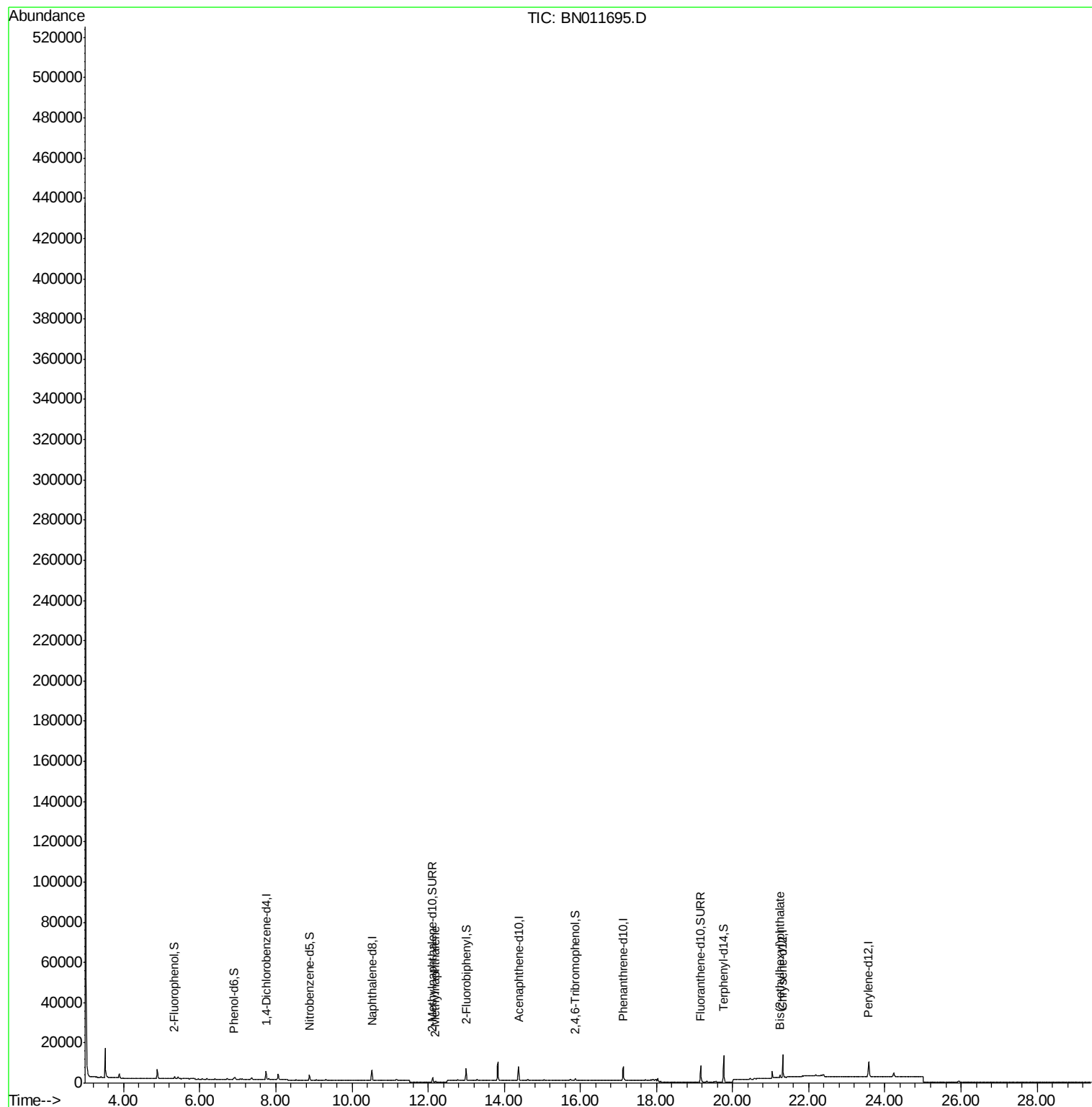
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1945	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	7337	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4378	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	10148	0.40	ng	0.00
29) Chrysene-d12	21.32	240	10551	0.40	ng	0.00
36) Perylene-d12	23.58	264	10021	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	697	0.13	ng	0.00
5) Phenol-d6	6.90	99	564	0.08	ng	0.00
8) Nitrobenzene-d5	8.88	82	1901	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	3331	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	595	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	4969	0.27	ng	0.00
27) Fluoranthene-d10	19.16	212	9300	0.29	ng	0.00
31) Terphenyl-d14	19.76	244	13201	0.50	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.19	142	313	0.021	ng	Qvalue # 88
34) Bis(2-ethylhexyl)phthalate	21.25	149	1285	0.084	ng	96

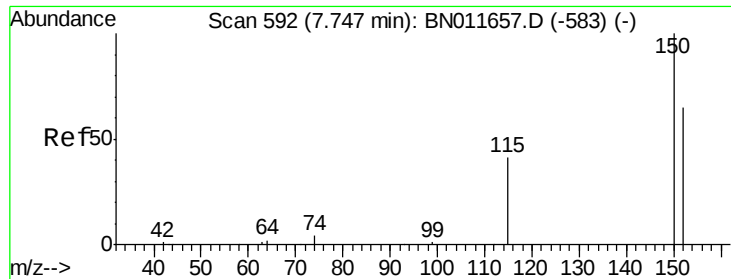
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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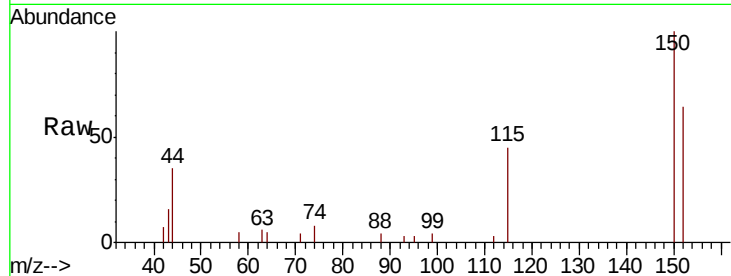


#1

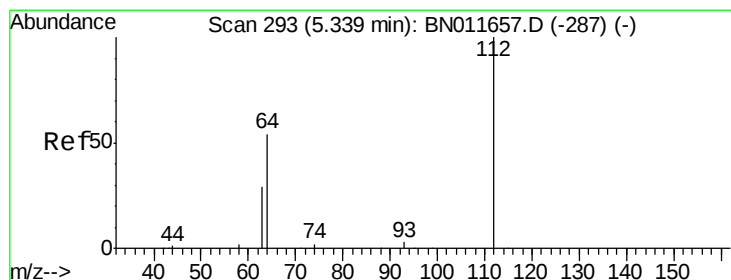
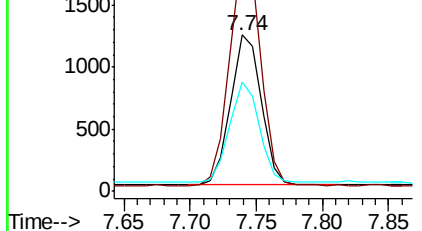
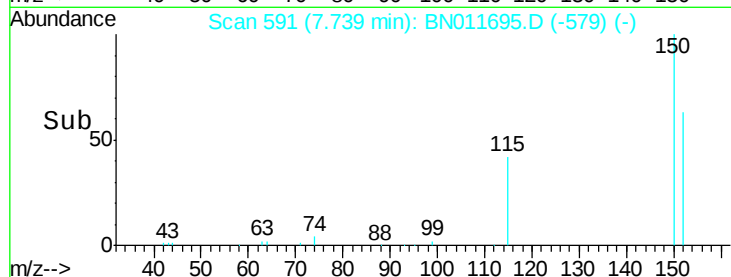
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.74 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BN011695.D
 Acq: 03 Sep 2020 13:10

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-081920

Tot Ion:152 Resp: 1945
 Ion Ratio Lower Upper
 152 100
 150 155.8 121.0 181.6
 115 70.1 52.6 78.8



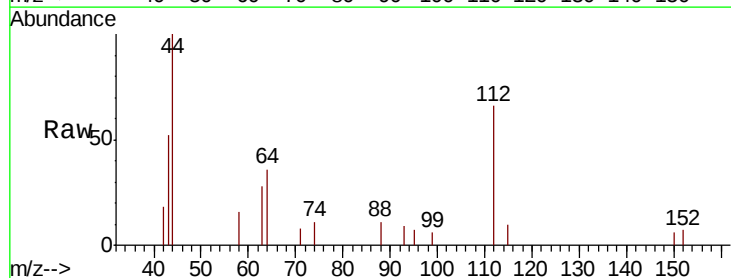
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



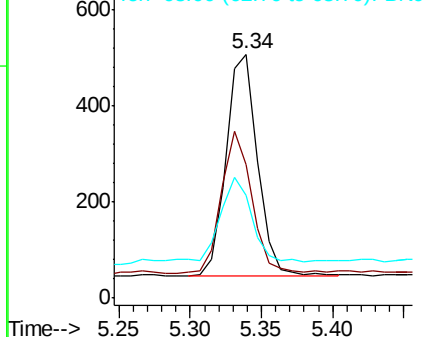
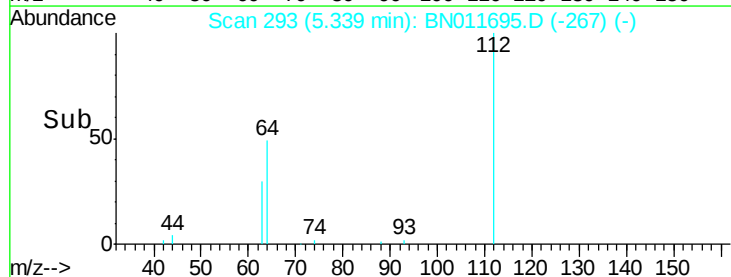
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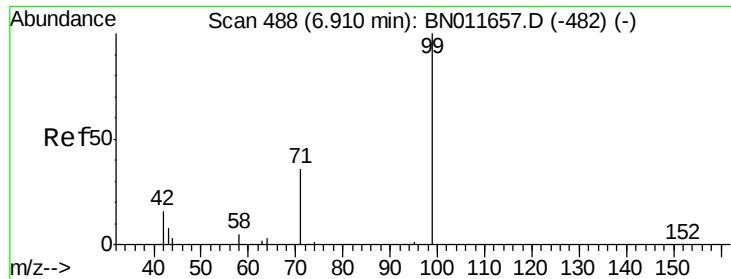
2-Fluorophenol
 Concen: 0.127 ng
 RT: 5.34 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BN011695.D
 Acq: 03 Sep 2020 13:10

Tgt Ion:112 Resp: 697
 Ion Ratio Lower Upper
 112 100
 64 62.6 49.7 74.5
 63 40.3 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: 0.076 ng

RT: 6.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

Instrument :

BNA_P

ClientSampleId :

EO-01-081920

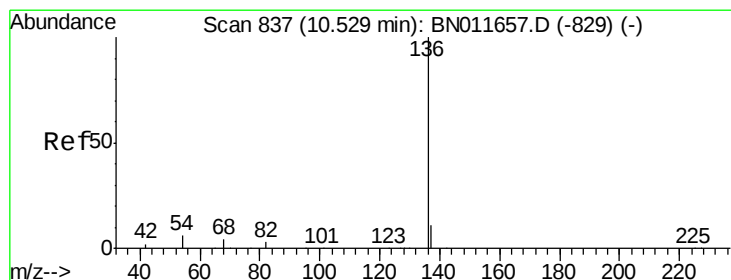
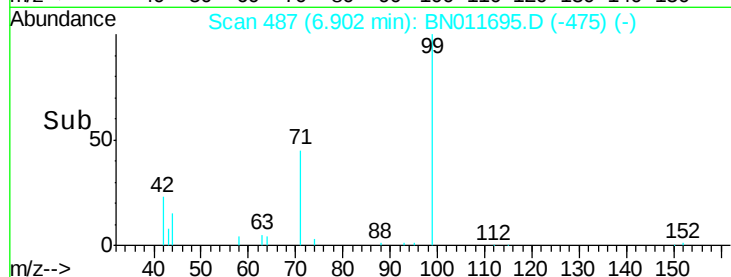
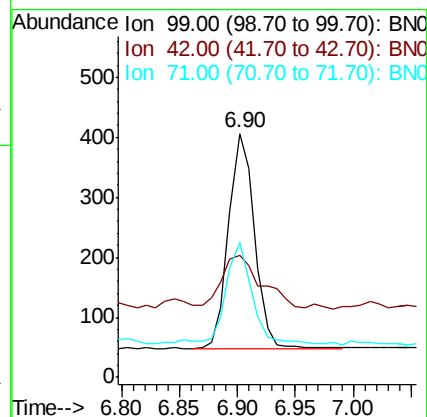
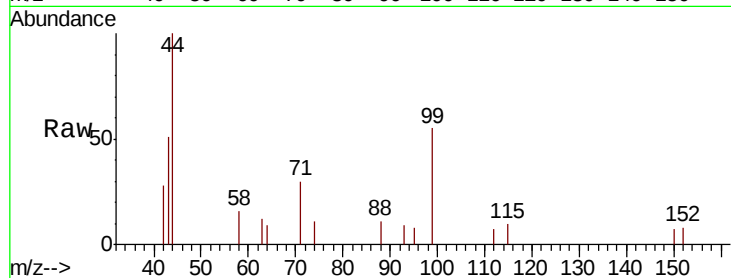
Tot Ion: 99 Resp: 564

Ion Ratio Lower Upper

99 100

42 37.8 20.2 30.2#

71 46.6 33.3 49.9



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

Tgt Ion: 136 Resp: 7337

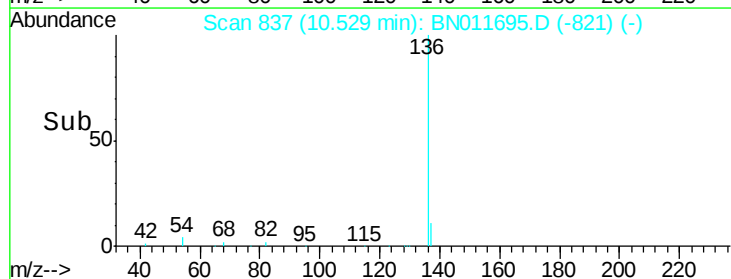
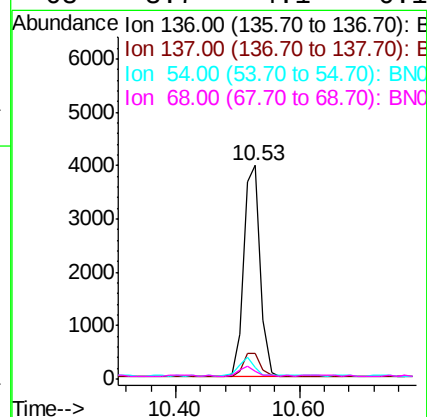
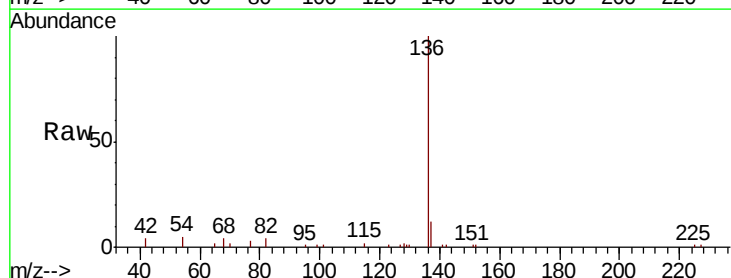
Ion Ratio Lower Upper

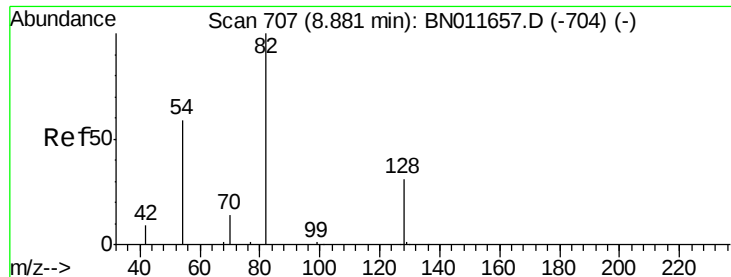
136 100

137 12.3 9.3 13.9

54 5.5 5.8 8.8#

68 3.7 4.1 6.1#

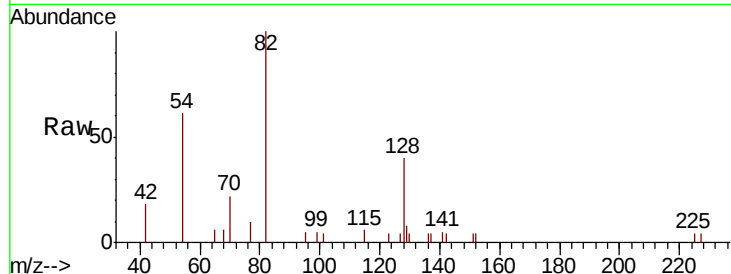




#8
 Nitrobenzene-d5
 Concen: 0.268 ng
 RT: 8.88 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BN011695.D
 Acq: 03 Sep 2020 13:10

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-081920

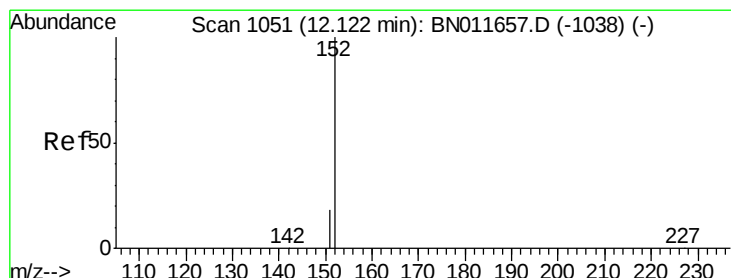
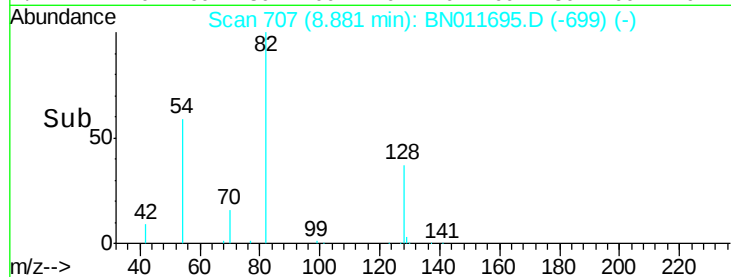
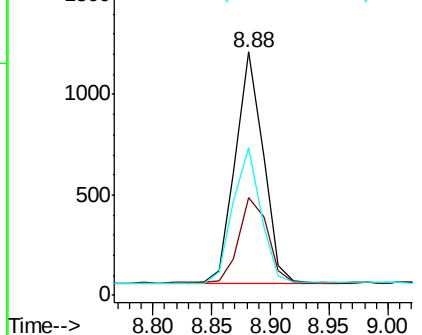
Tot Ion	82	Resp	1901
Ion Ratio	Lower	Upper	
82	100		
128	40.1	26.2	39.2#
54	60.6	48.2	72.4



Abundance Ion 82.00 (81.70 to 82.70): BN011695.D (-699) (-)

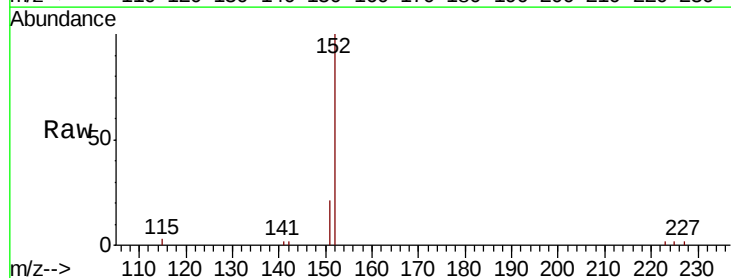
Ion 128.00 (127.70 to 128.70): BN011695.D (-699) (-)

Ion 54.00 (53.70 to 54.70): BN011695.D (-699) (-)



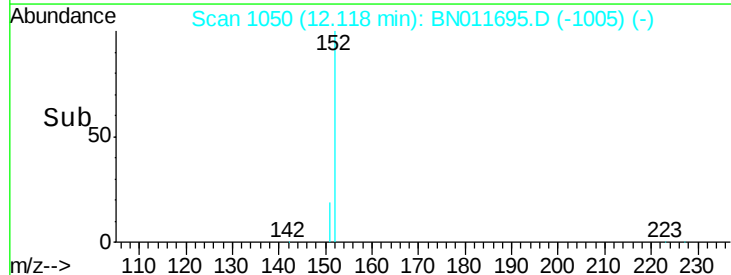
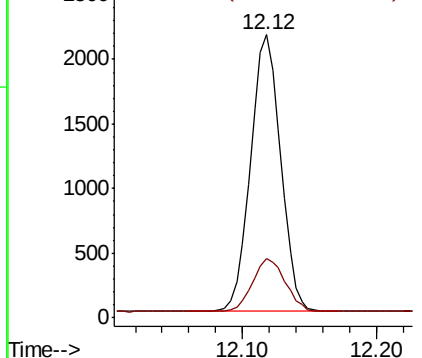
#11
 2-Methylnaphthalene-d10
 Concen: 0.252 ng
 RT: 12.12 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BN011695.D
 Acq: 03 Sep 2020 13:10

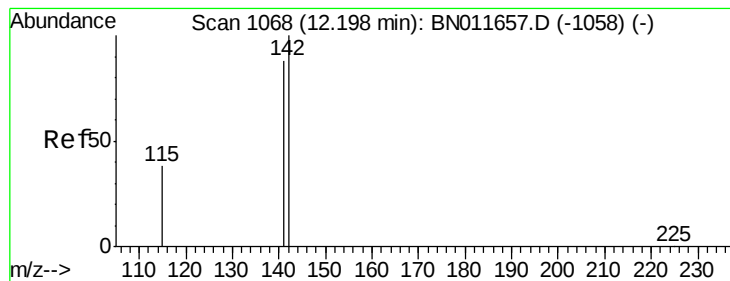
Tgt Ion	152	Resp	3331
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.7	25.1



Abundance Ion 152.00 (151.70 to 152.70): BN011695.D (-1005) (-)

Ion 151.00 (150.70 to 151.70): BN011695.D (-1005) (-)





#12

2-Methylnaphthalene

Concen: 0.021 ng

RT: 12.19 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

Instrument :

BNA_P

ClientSampleId :

EO-01-081920

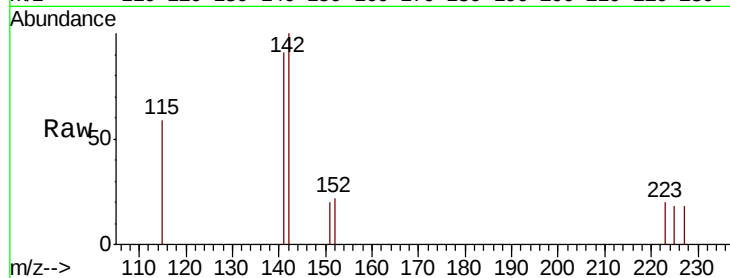
Tot Ion:142 Resp: 313

Ion Ratio Lower Upper

142 100

141 91.2 70.6 106.0

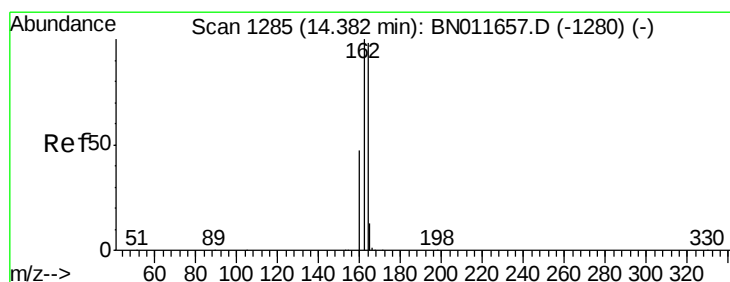
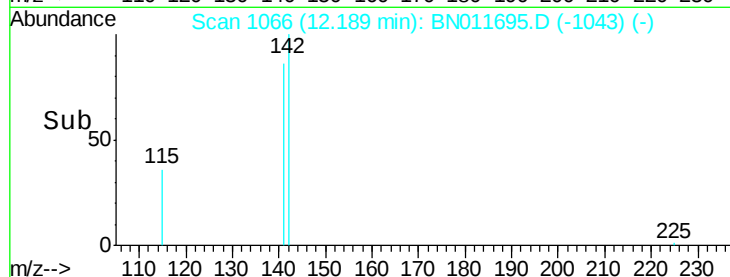
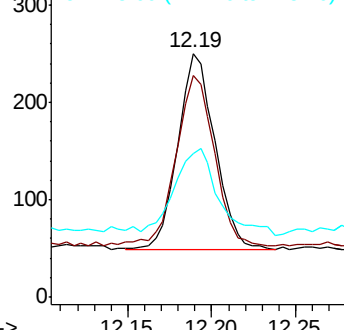
115 59.2 31.3 46.9#



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

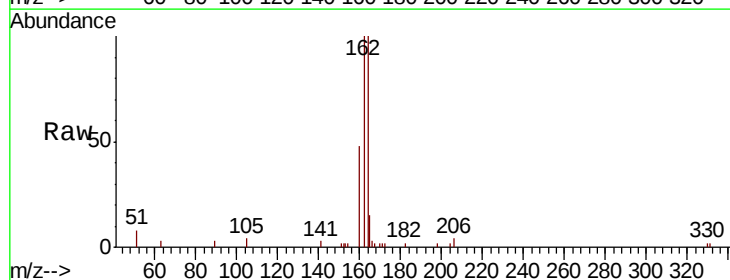
Tgt Ion:164 Resp: 4378

Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

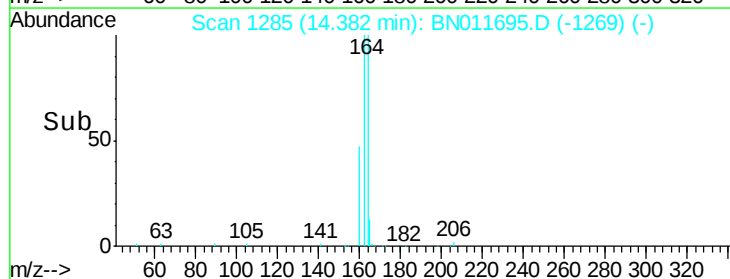
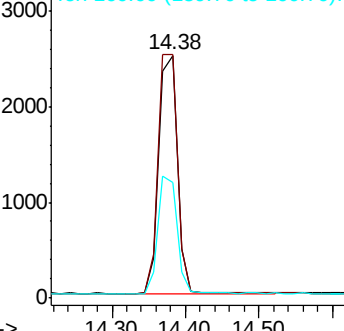
160 47.9 38.5 57.7

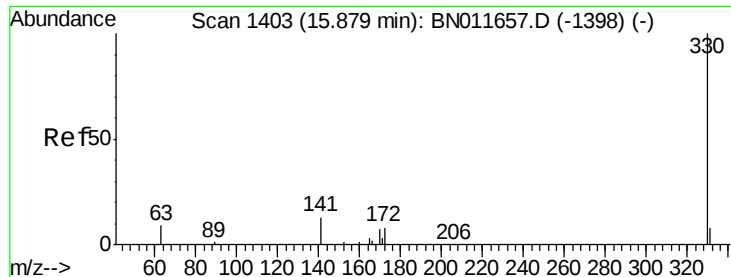


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

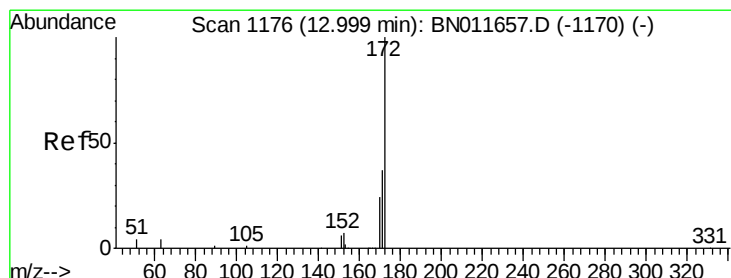
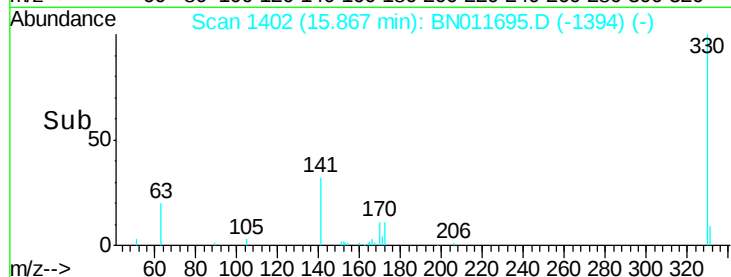
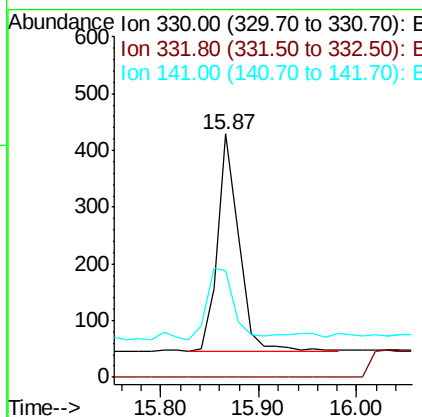
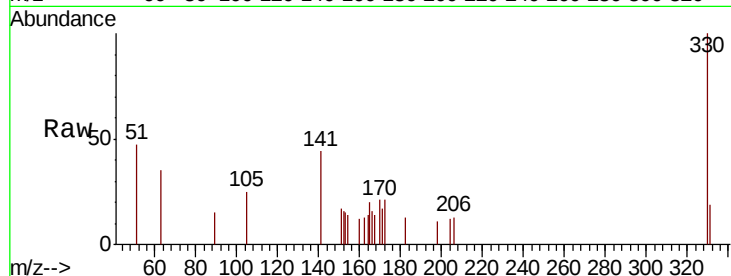




#14
 2,4,6-Tribromophenol
 Concen: 0.280 ng
 RT: 15.87 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BN011695.D
 Acq: 03 Sep 2020 13:10

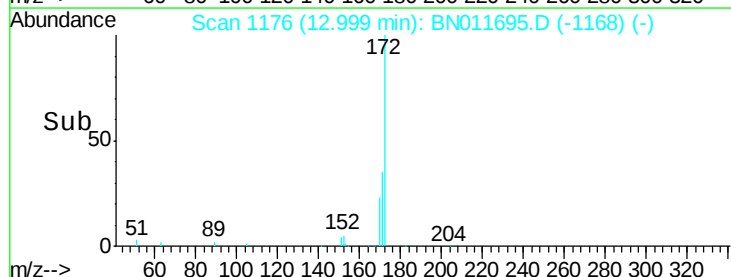
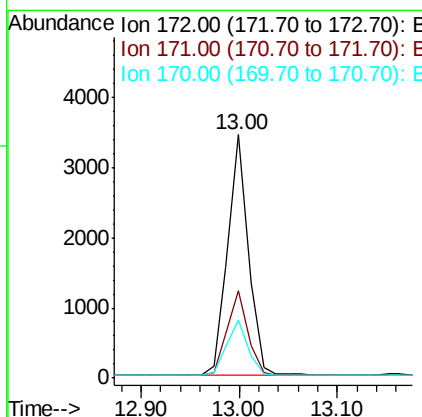
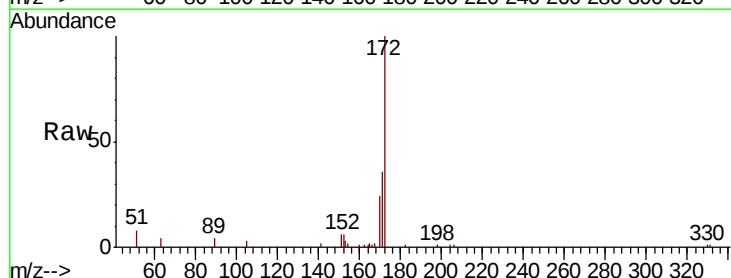
Instrument :
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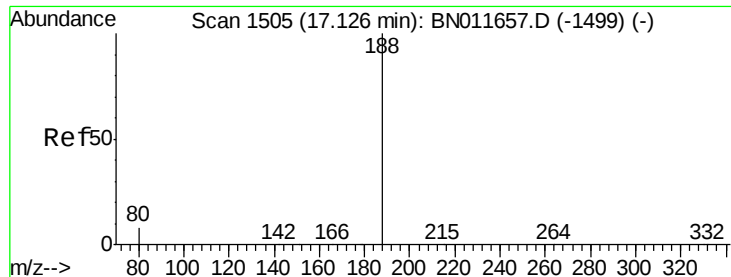
Tot Ion:330 Resp: 595
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.0 29.8 44.8



#15
 2-Fluorobiphenyl
 Concen: 0.268 ng
 RT: 13.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BN011695.D
 Acq: 03 Sep 2020 13:10

Tgt Ion:172 Resp: 4969
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.0 45.0
 170 23.6 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: BN011695.D

Acq: 03 Sep 2020 13:10

Instrument :

BNA_P

ClientSampleId :

EO-01-081920

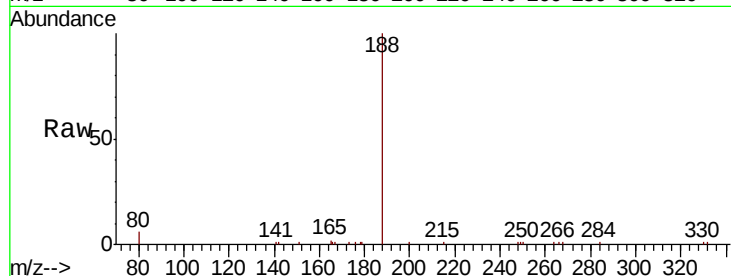
Tot Ion:188 Resp: 10148

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

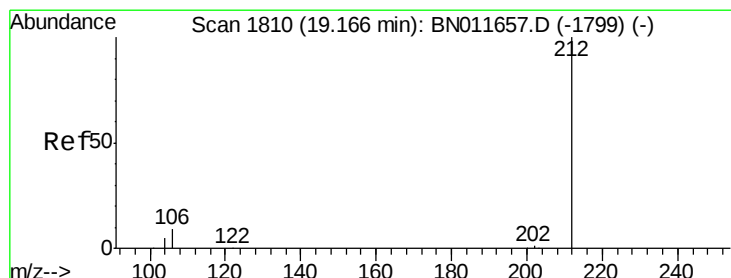
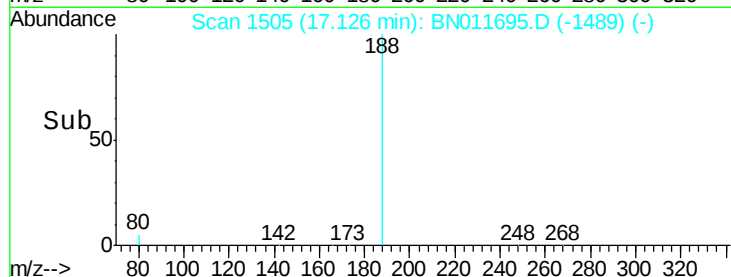
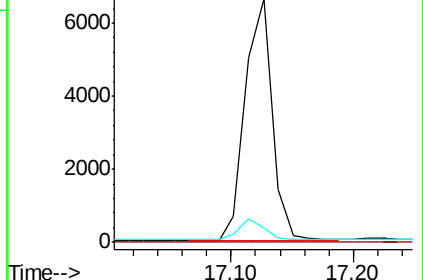
80 5.9 6.6 9.8#



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



#27

Fluoranthene-d10

Concen: 0.286 ng

RT: 19.16 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

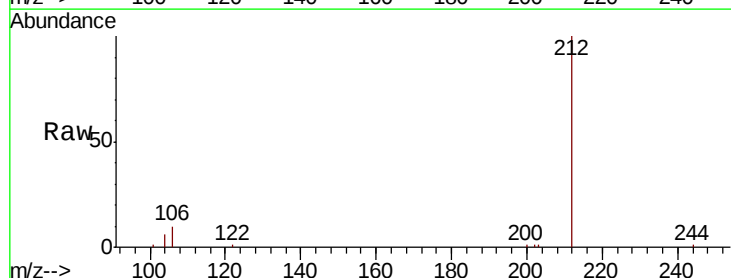
Tgt Ion:212 Resp: 9300

Ion Ratio Lower Upper

212 100

106 8.8 7.6 11.4

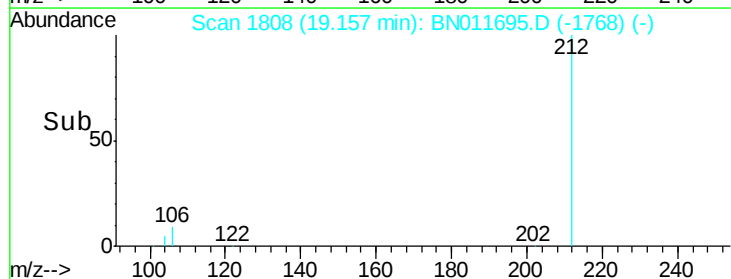
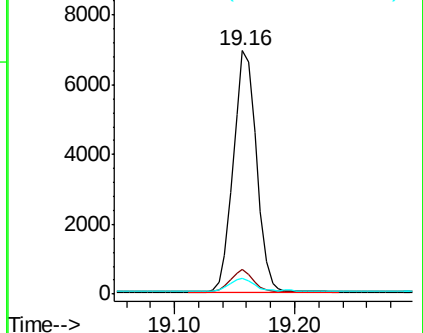
104 5.3 4.6 6.8

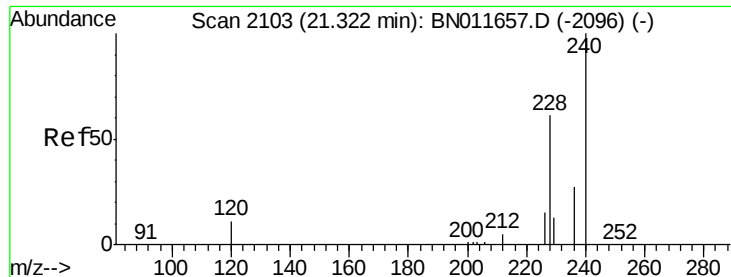


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

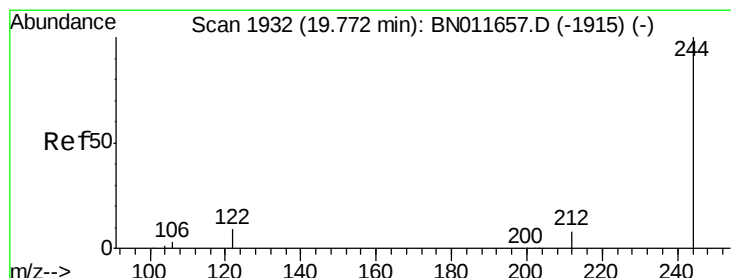
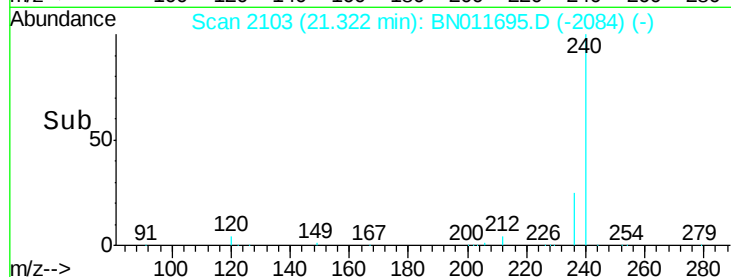
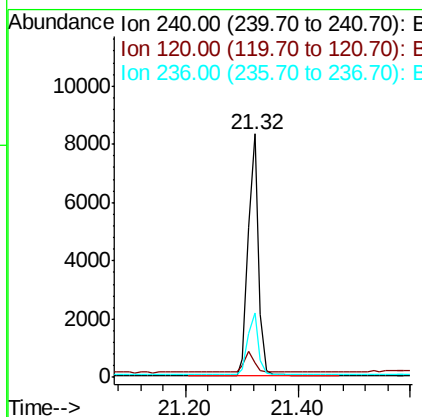
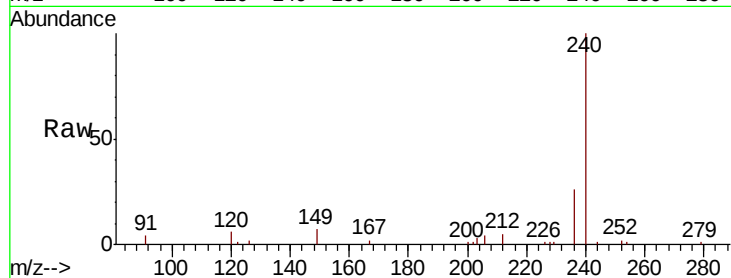




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011695.D
Acq: 03 Sep 2020 13:10

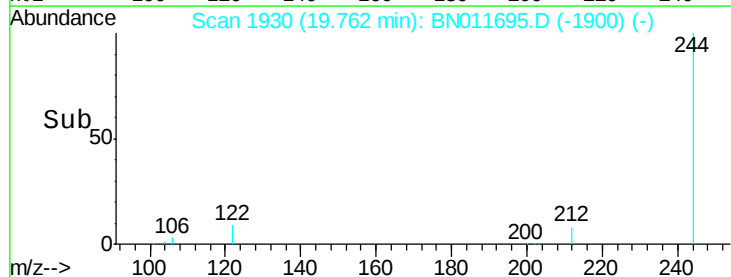
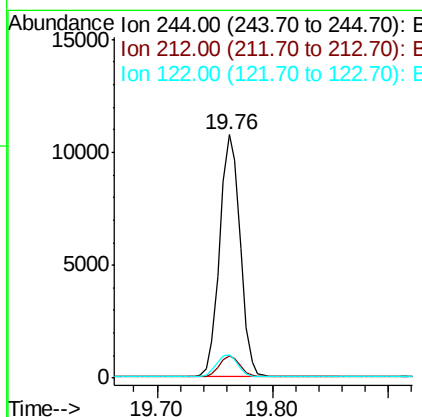
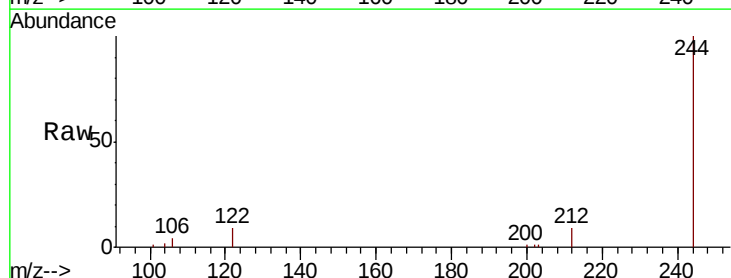
Instrument :
BNA_P
ClientSampleID :
EO-01-081920

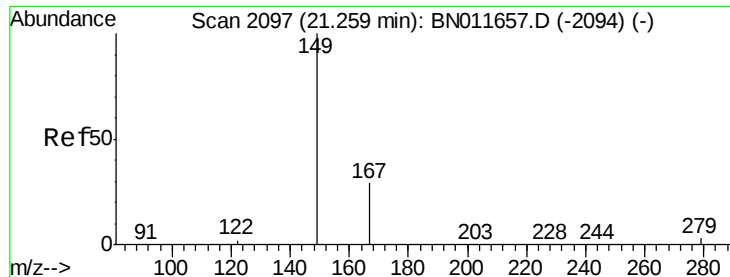
Tot Ion:240 Resp: 10551
Ion Ratio Lower Upper
240 100
120 6.0 9.9 14.9#
236 26.3 22.2 33.4



#31
Terphenyl-d14
Concen: 0.504 ng
RT: 19.76 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BN011695.D
Acq: 03 Sep 2020 13:10

Tgt Ion:244 Resp: 13201
Ion Ratio Lower Upper
244 100
212 9.0 6.5 9.7
122 9.4 7.4 11.2





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.084 ng

RT: 21.25 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

Instrument :

BNA_P

ClientSampleId :

EO-01-081920

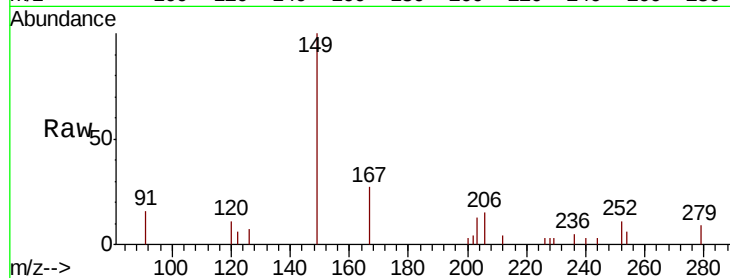
Tot Ion:149 Resp: 1285

Ion Ratio Lower Upper

149 100

167 31.2 23.2 34.8

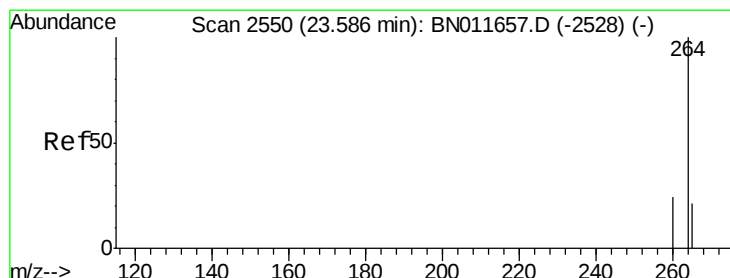
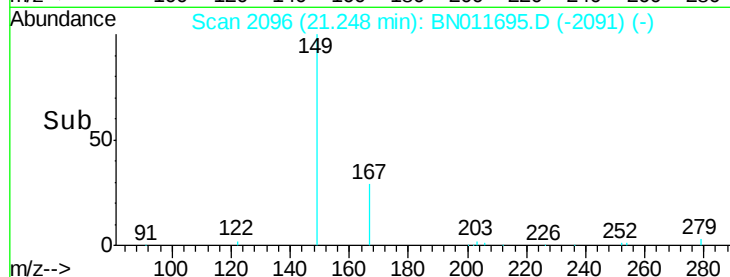
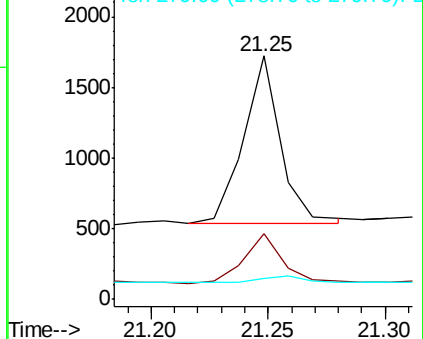
279 5.2 4.0 6.0



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: 23.58 min Scan# 2547

Delta R.T. 0.00 min

Lab File: BN011695.D

Acq: 03 Sep 2020 13:10

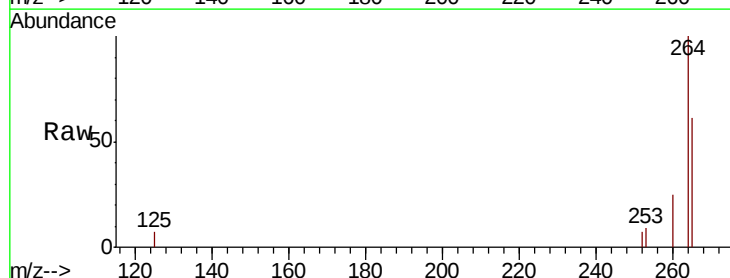
Tgt Ion:264 Resp: 10021

Ion Ratio Lower Upper

264 100

260 25.2 19.8 29.6

265 60.5 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

