

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
 Data File : BN011652.D
 Acq On : 26 Aug 2020 19:21
 Operator : CG/JU
 Sample : L3783-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-518-520

Quant Time: Aug 27 00:19:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

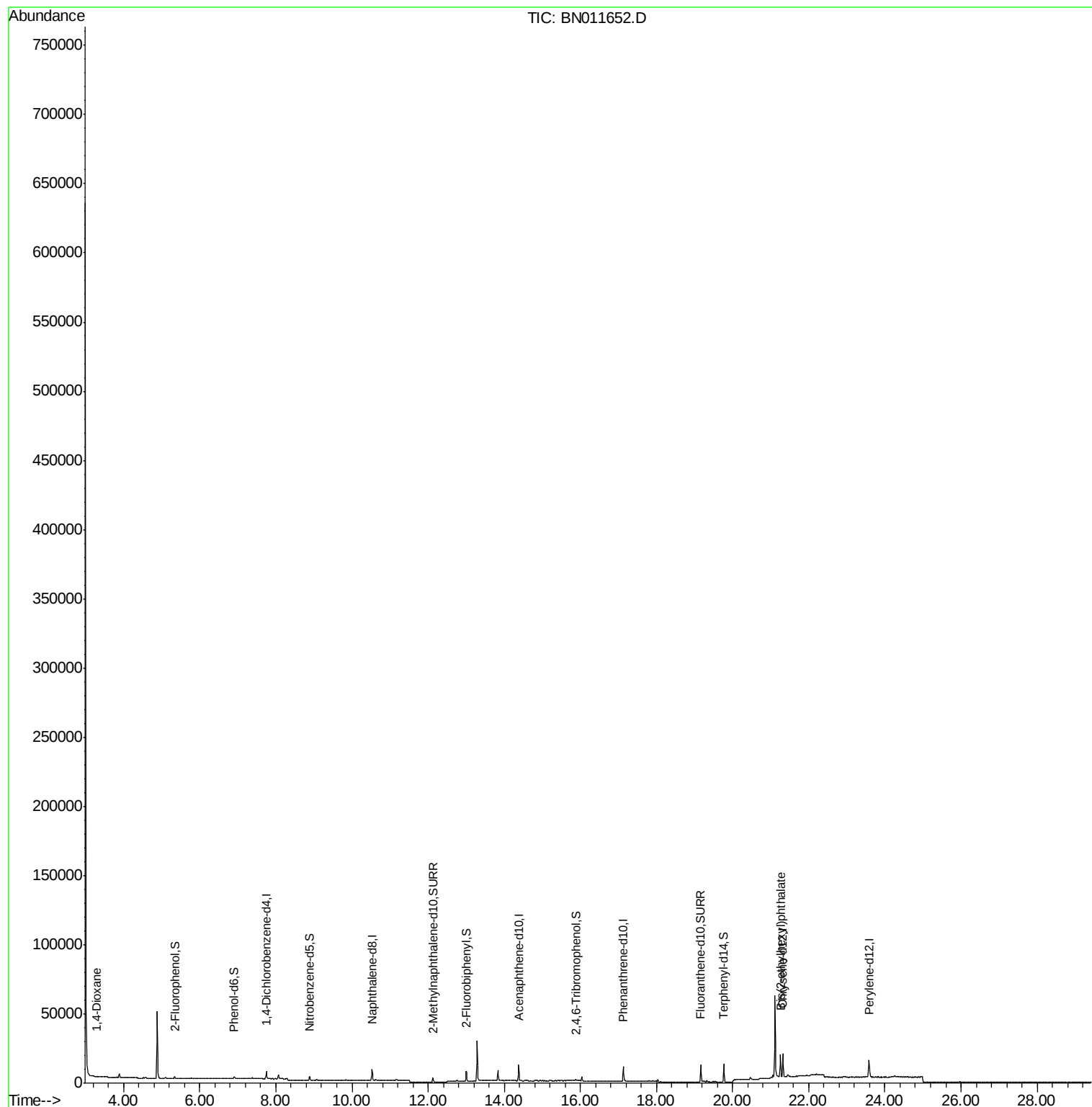
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2577	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	10471	0.40	ng	-0.01
13) Acenaphthene-d10	14.38	164	6275	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	13739	0.40	ng	-0.01
29) Chrysene-d12	21.32	240	15463	0.40	ng	-0.01
36) Perylene-d12	23.58	264	16669	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1115	0.14	ng	0.00
5) Phenol-d6	6.91	99	989	0.08	ng	0.00
8) Nitrobenzene-d5	8.88	82	2522	0.28	ng	-0.03
11) 2-Methylnaphthalene-d10	12.13	152	4512	0.23	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	904	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	6449	0.26	ng	-0.01
27) Fluoranthene-d10	19.17	212	14347	0.32	ng	0.00
31) Terphenyl-d14	19.77	244	12944	0.33	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	158	0.040	ng	Qvalue # 1
34) Bis(2-ethylhexyl)phthalate	21.26	149	13685	0.354	ng	96

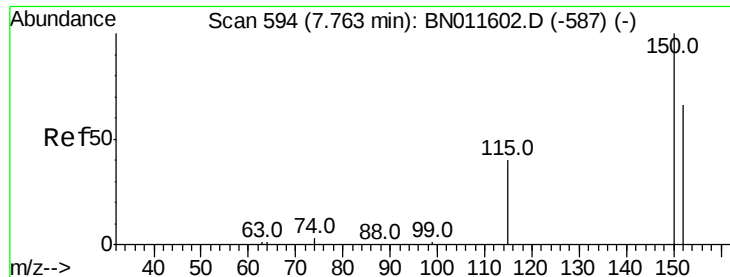
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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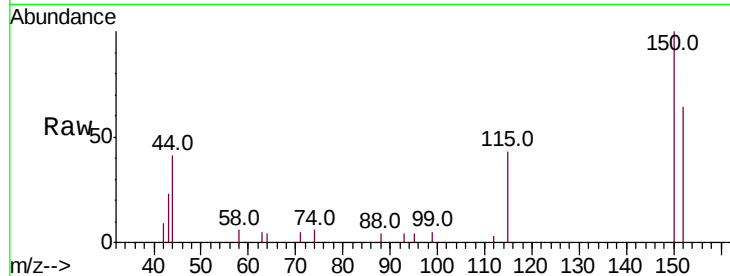


#1

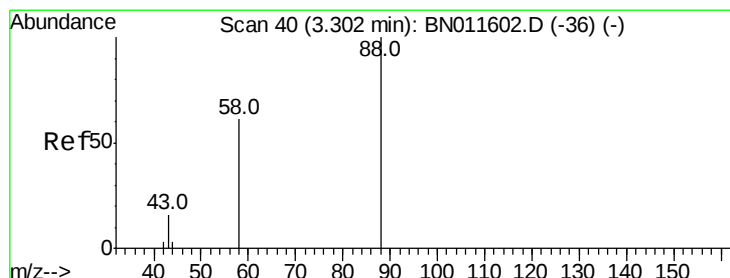
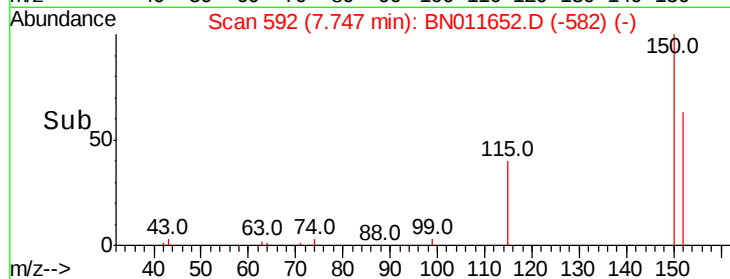
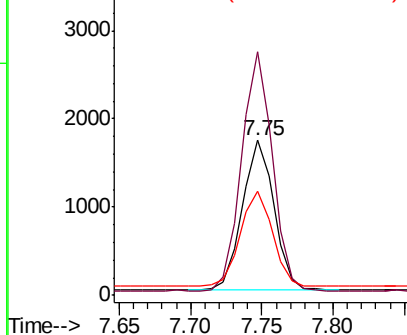
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. -0.02 min
Lab File: BN011652.D
Acq: 26 Aug 2020 19:21

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-518-520

Tot Ion:152 Resp: 2577
Ion Ratio Lower Upper
152 100
150 156.9 112.4 168.6
115 67.2 56.9 85.3



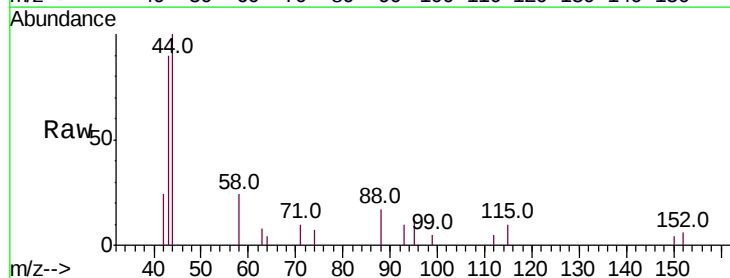
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



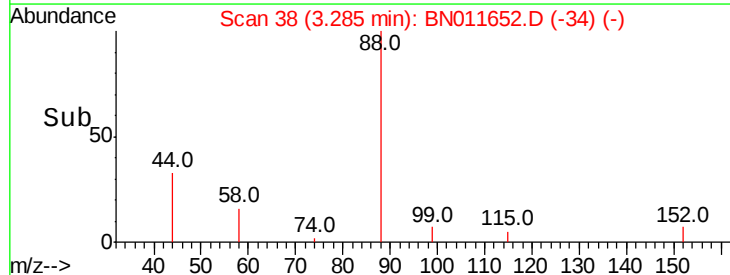
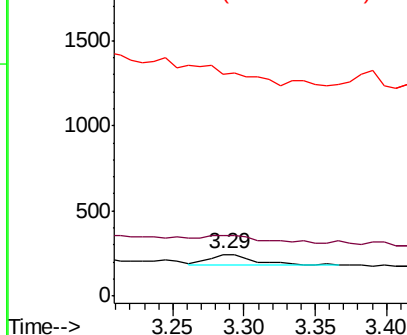
#2

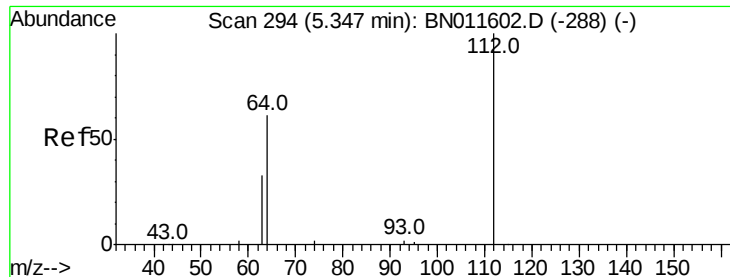
1,4-Dioxane
Concen: 0.040 ng
RT: 3.29 min Scan# 38
Delta R.T. -0.02 min
Lab File: BN011652.D
Acq: 26 Aug 2020 19:21

Tgt Ion: 88 Resp: 158
Ion Ratio Lower Upper
88 100
58 80.4 3.0 4.4#
43 0.0 0.0 0.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.135 ng

RT: 5.34 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN011652.D

Acq: 26 Aug 2020 19:21

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-518-520

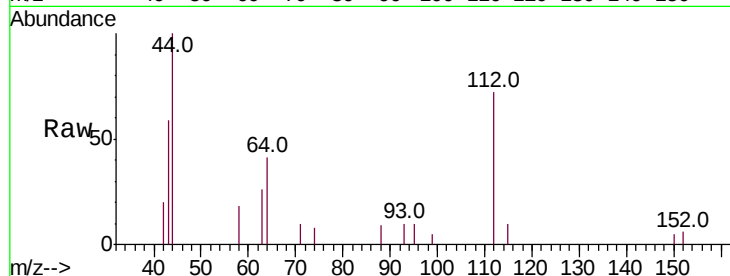
Tot Ion:112 Resp: 1115

Ion Ratio Lower Upper

112 100

64 61.9 49.6 74.4

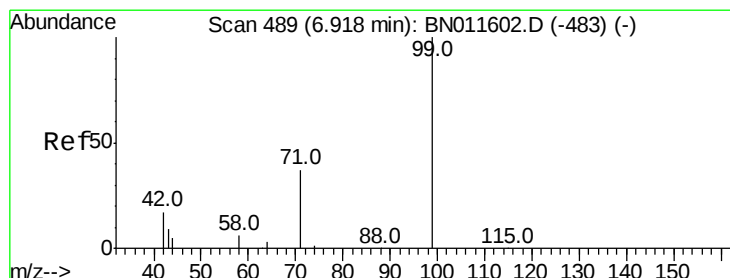
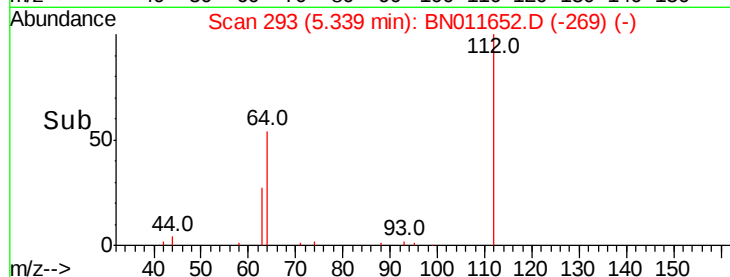
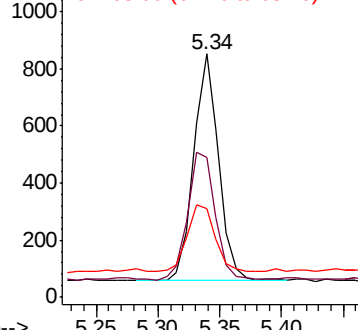
63 32.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#5

Phenol-d6

Concen: 0.085 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011652.D

Acq: 26 Aug 2020 19:21

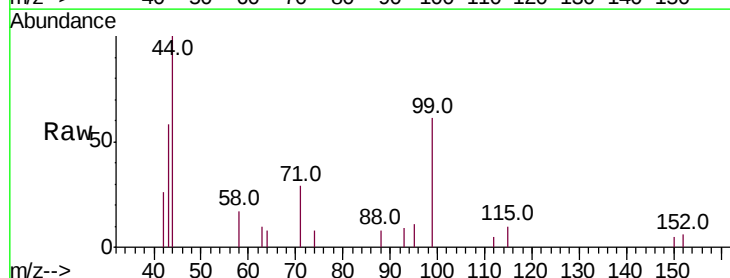
Tgt Ion: 99 Resp: 989

Ion Ratio Lower Upper

99 100

42 25.2 0.0 0.0#

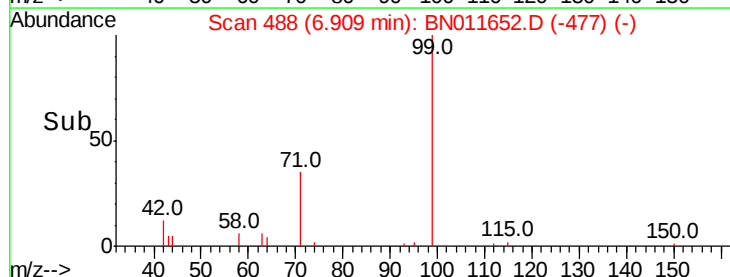
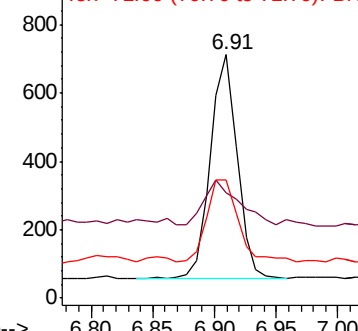
71 43.2 0.0 0.0#

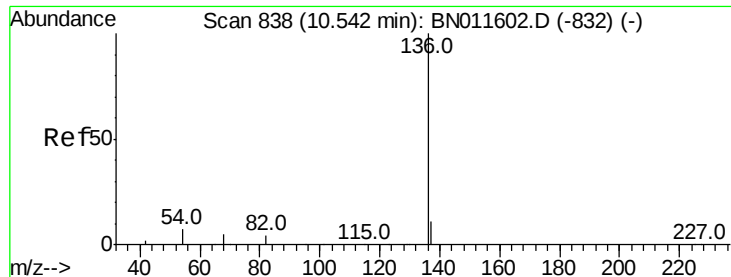


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN011652.D

Acq: 26 Aug 2020 19:21

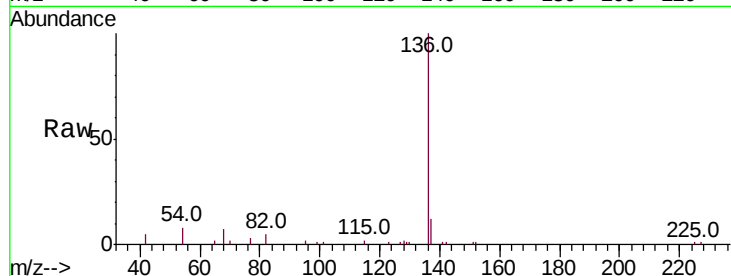
Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-518-520

Tot Ion:136	Resp:	10471
Ion Ratio	Lower	Upper
136	100	
137	11.7	11.5 17.3
54	8.2	11.9 17.9#
68	6.6	12.3 18.5#

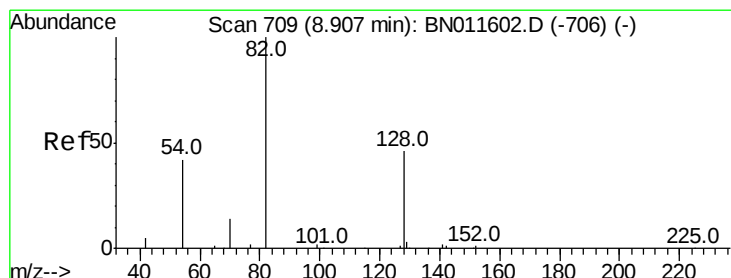
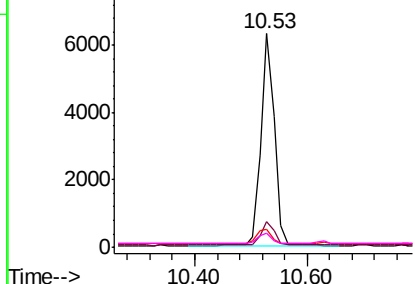
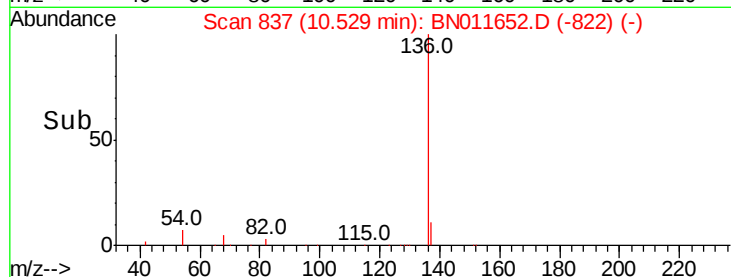


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.278 ng

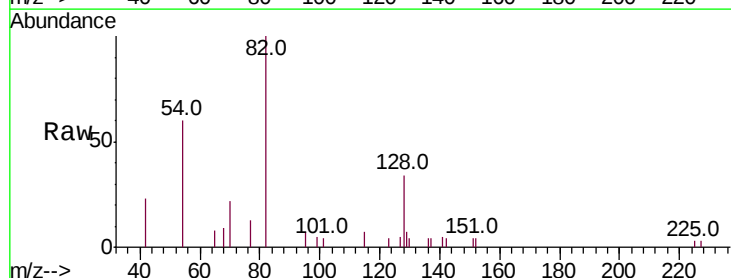
RT: 8.88 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN011652.D

Acq: 26 Aug 2020 19:21

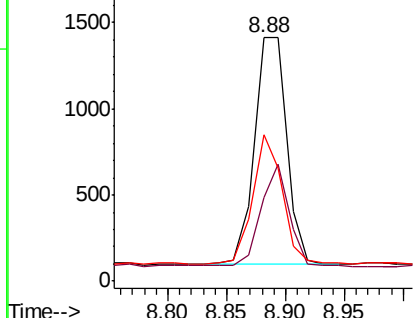
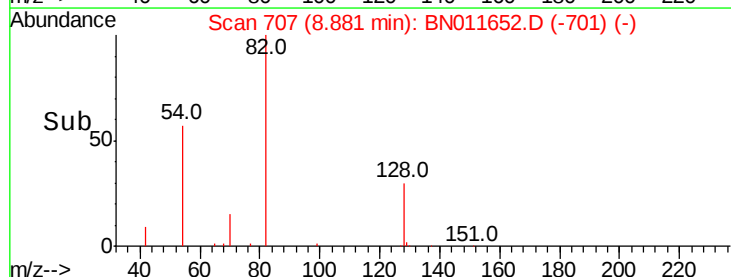
Tgt Ion: 82	Resp:	2522
Ion Ratio	Lower	Upper
82	100	
128	34.1	31.1 46.7
54	60.2	37.1 55.7#

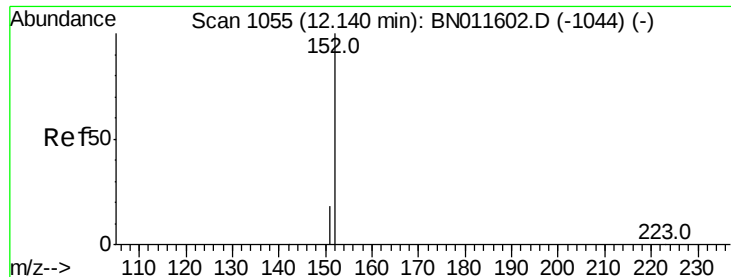


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

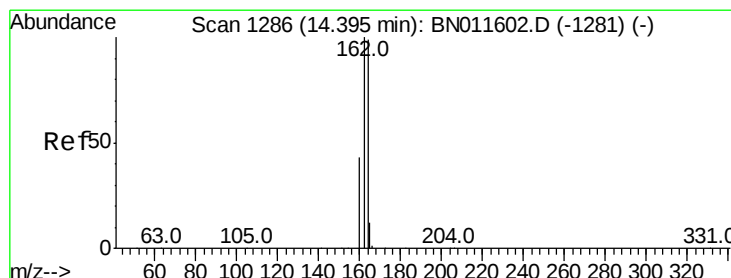
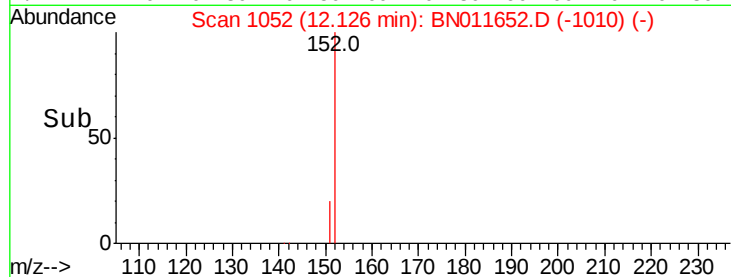
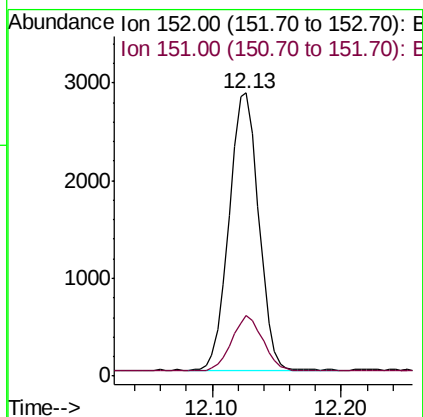
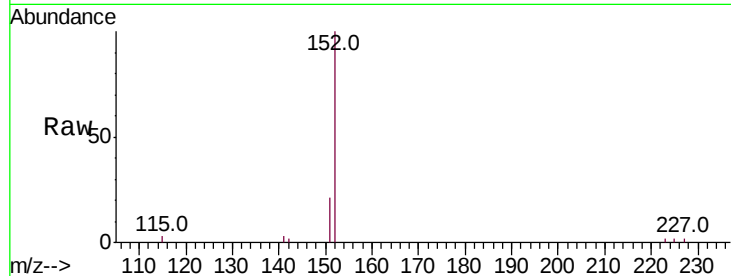




#11
2-Methylnaphthalene-d10
Concen: 0.228 ng
RT: 12.13 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BN011652.D
Acq: 26 Aug 2020 19:21

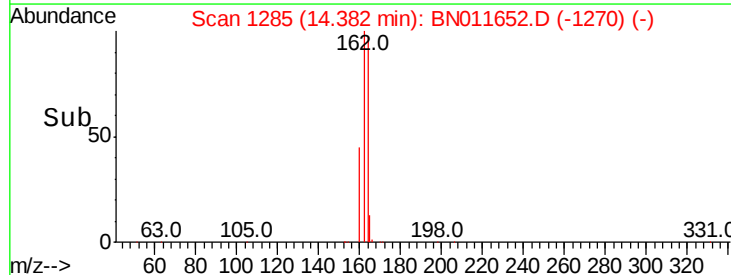
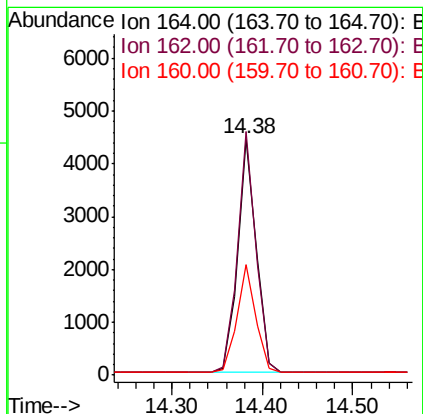
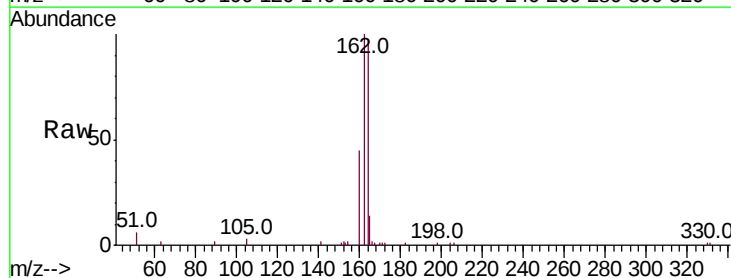
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BNA_N
ClientSampleId :
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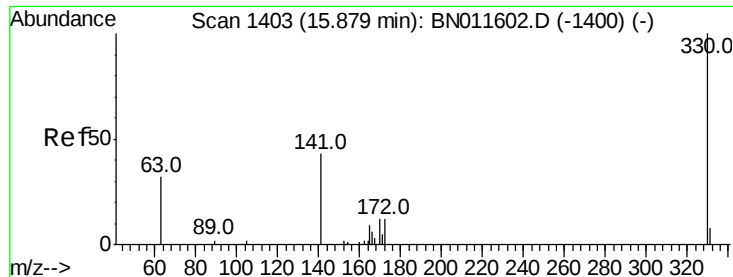
Tot Ion:152 Resp: 4512
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BN011652.D
Acq: 26 Aug 2020 19:21

Tgt Ion:164 Resp: 6275
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 46.6 35.6 53.4

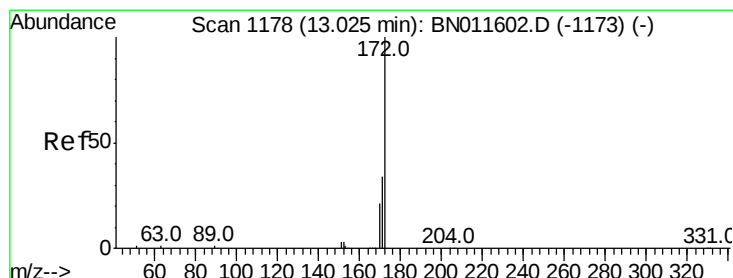
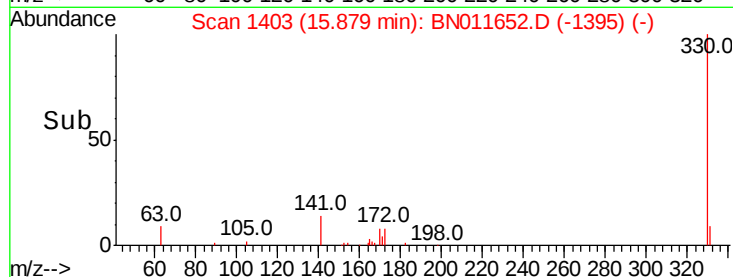
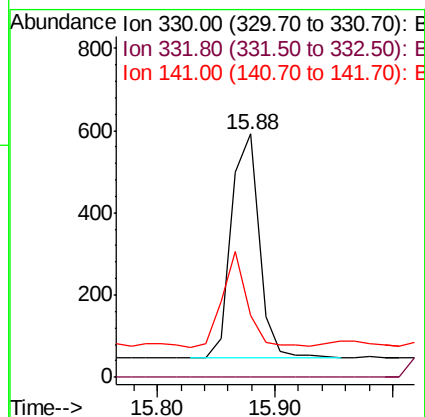
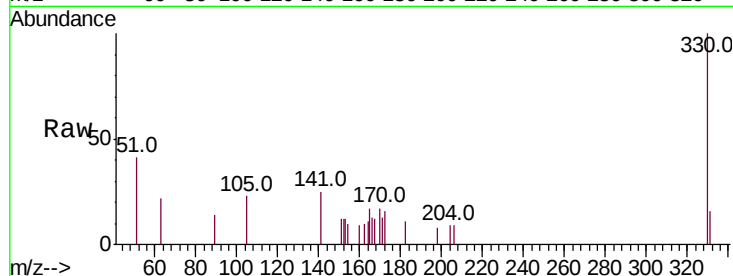




#14
2,4,6-Tribromophenol
Concen: 0.262 ng
RT: 15.88 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BN011652.D
Acq: 26 Aug 2020 19:21

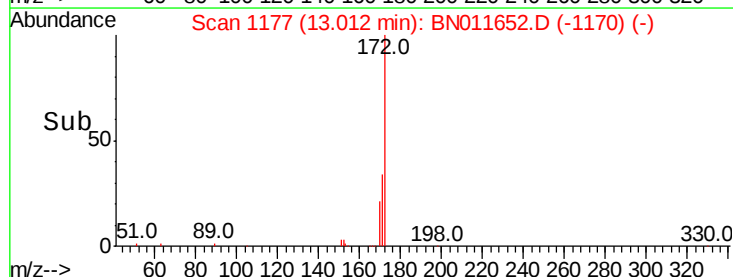
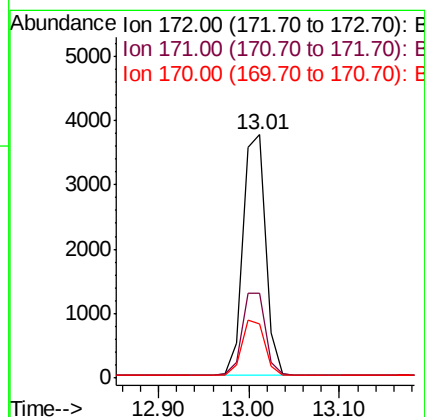
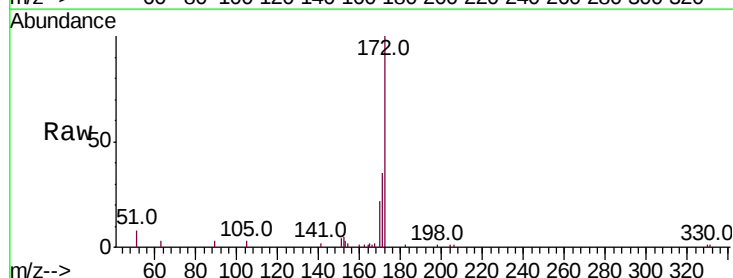
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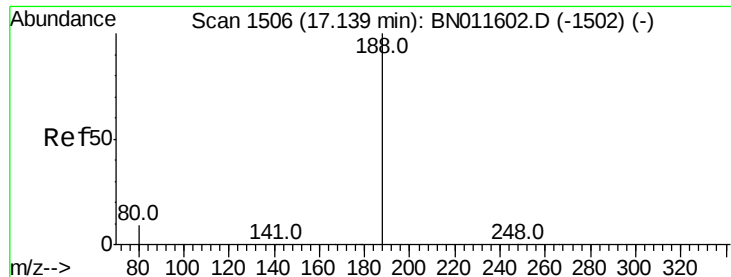
Tot Ion:330 Resp: 904
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.2 29.4 44.2



#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011652.D
Acq: 26 Aug 2020 19:21

Tgt Ion:172 Resp: 6449
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 22.0 18.2 27.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BN011652.D

Acq: 26 Aug 2020 19:21

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-518-520

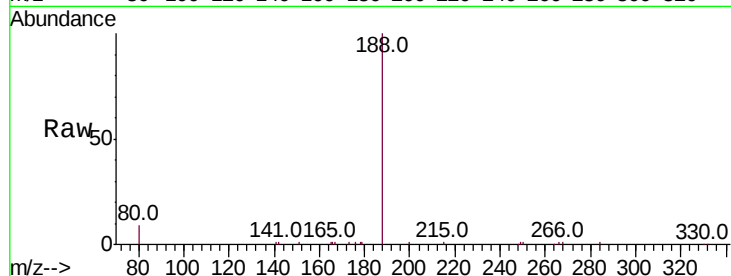
Tot Ion:188 Resp: 13739

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

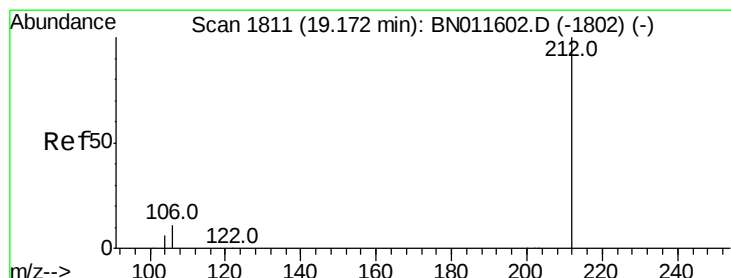
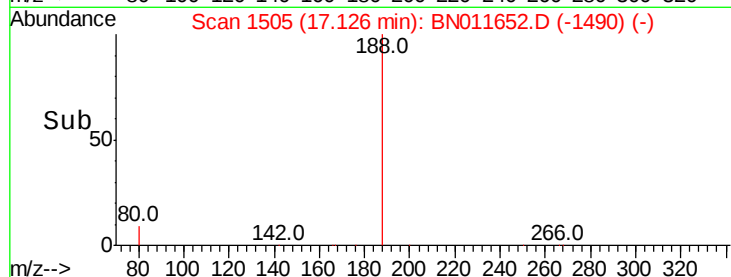
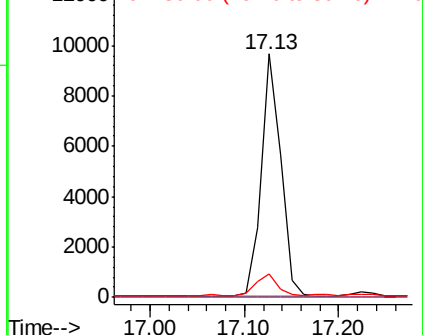
80 9.4 9.2 13.8



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: 0.320 ng

RT: 19.17 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BN011652.D

Acq: 26 Aug 2020 19:21

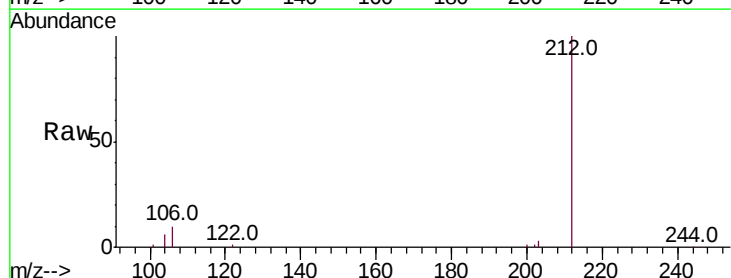
Tgt Ion:212 Resp: 14347

Ion Ratio Lower Upper

212 100

106 11.0 8.9 13.3

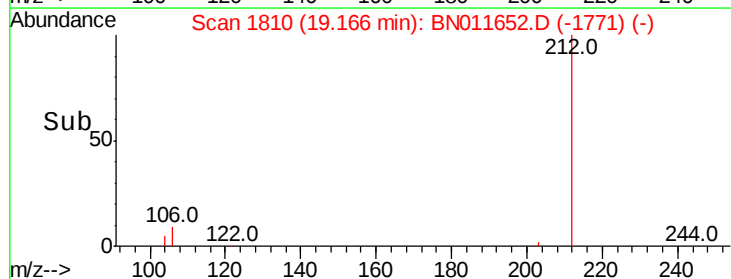
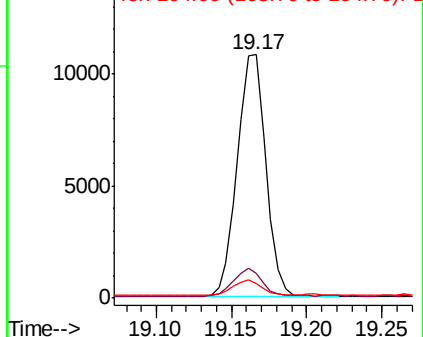
104 6.3 5.3 7.9

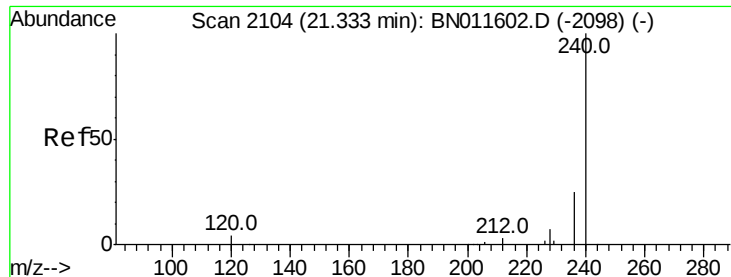


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

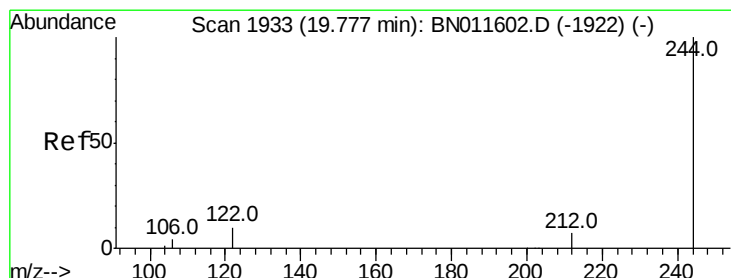
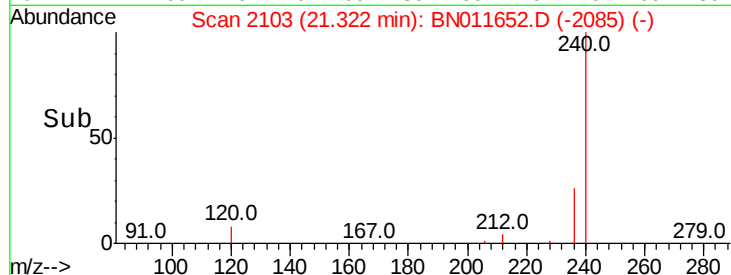
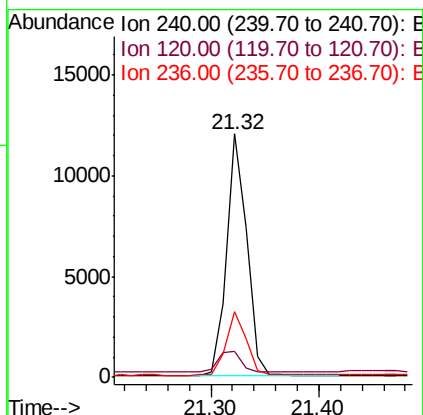
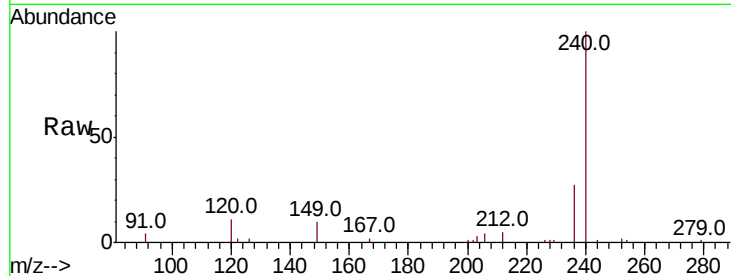




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011652.D
Acq: 26 Aug 2020 19:21

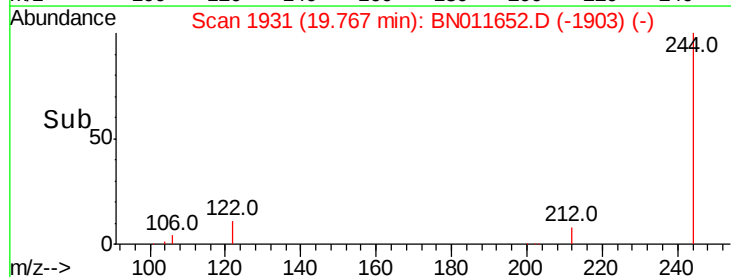
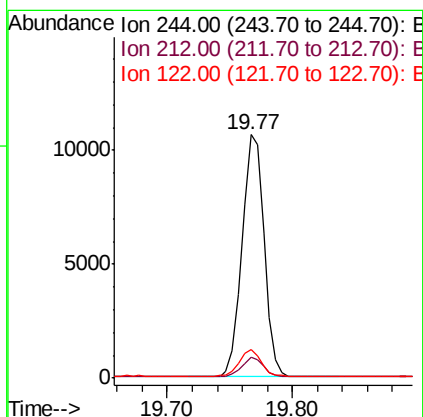
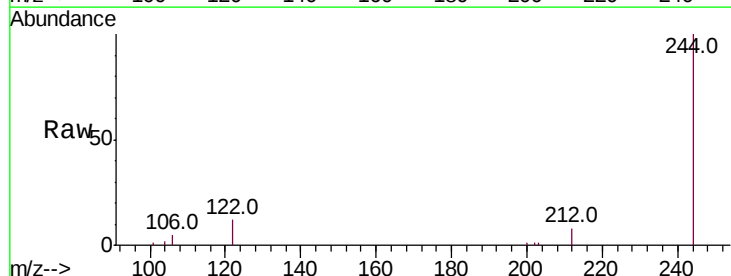
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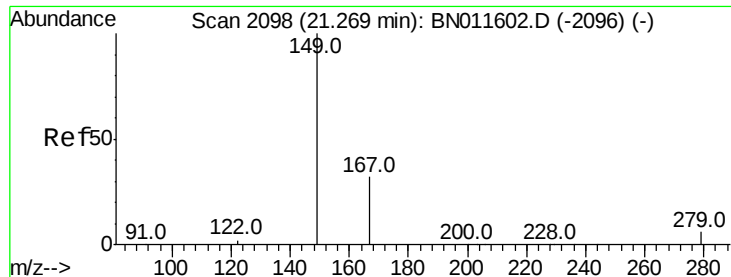
Tot Ion:240 Resp: 15463
Ion Ratio Lower Upper
240 100
120 10.7 6.0 9.0#
236 27.1 20.8 31.2



#31
Terphenyl-d14
Concen: 0.328 ng
RT: 19.77 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BN011652.D
Acq: 26 Aug 2020 19:21

Tgt Ion:244 Resp: 12944
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 11.5 9.5 14.3





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.354 ng

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011652.D

Acq: 26 Aug 2020 19:21

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-518-520

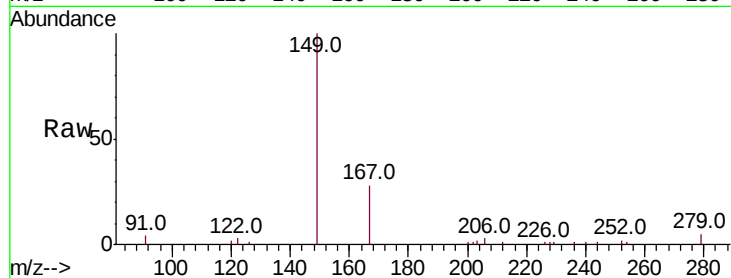
Tot Ion:149 Resp: 13685

Ion Ratio Lower Upper

149 100

167 28.3 20.6 31.0

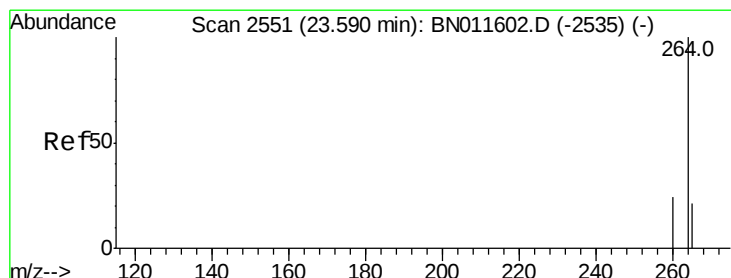
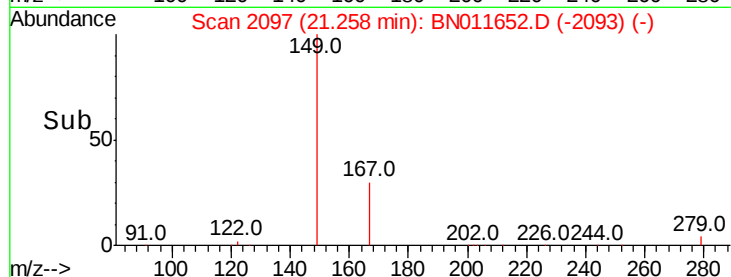
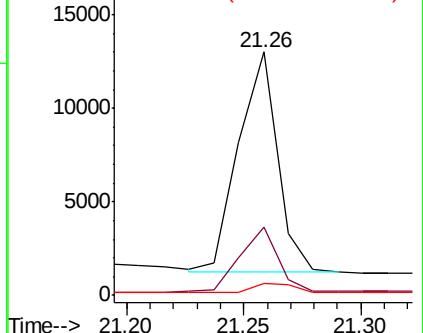
279 5.1 3.8 5.8



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# 2549

Delta R.T. -0.01 min

Lab File: BN011652.D

Acq: 26 Aug 2020 19:21

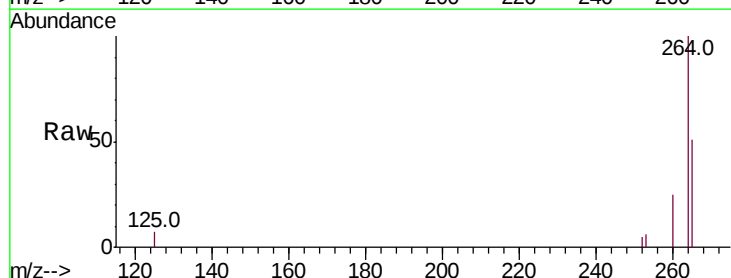
Tgt Ion:264 Resp: 16669

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 50.8 40.7 61.1



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

