

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011636.D
 Acq On : 26 Aug 2020 04:03
 Operator : CG/JU
 Sample : L3738-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-398-400

Quant Time: Aug 26 05:50:22 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

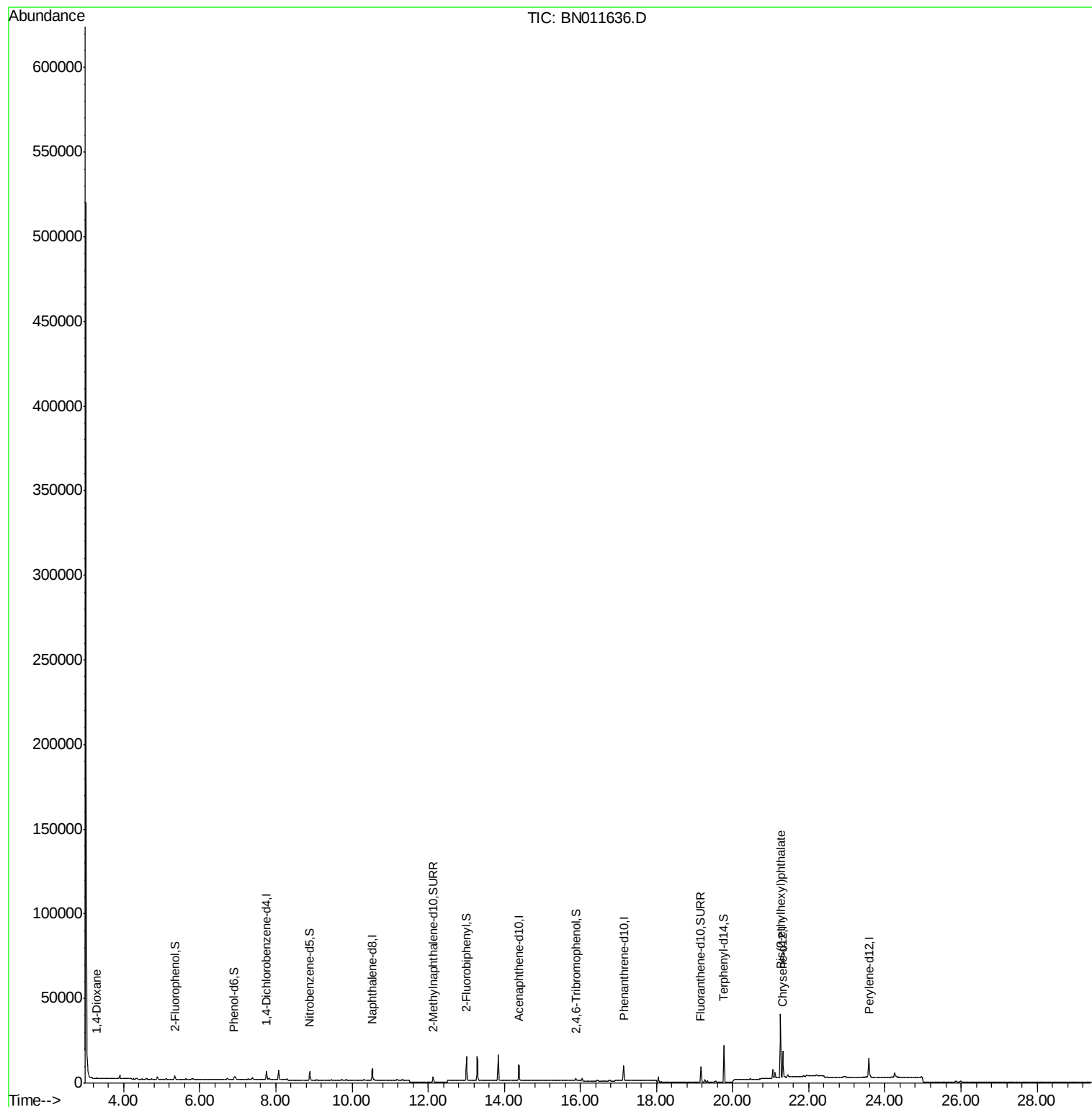
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2300	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9549	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	6057	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	13358	0.40	ng	0.00
29) Chrysene-d12	21.32	240	13435	0.40	ng	-0.01
36) Perylene-d12	23.58	264	14408	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1433	0.19	ng	0.00
5) Phenol-d6	6.91	99	1303	0.13	ng	0.00
8) Nitrobenzene-d5	8.89	82	3928	0.48	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	4507	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1068	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	11297	0.48	ng	-0.01
27) Fluoranthene-d10	19.17	212	10569	0.24	ng	0.00
31) Terphenyl-d14	19.77	244	20596	0.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	429	0.120	ng	Qvalue # 1
34) Bis(2-ethylhexyl)phthalate	21.26	149	32294	1.138	ng	95

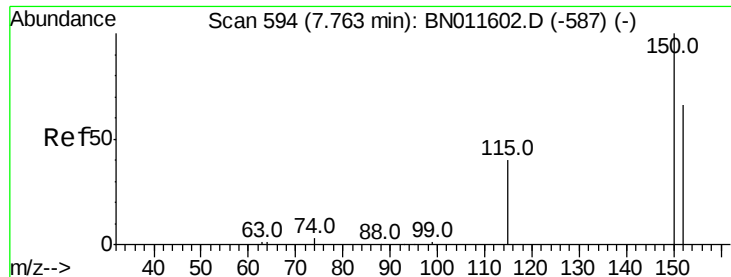
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 25 03:31:11 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-398-400

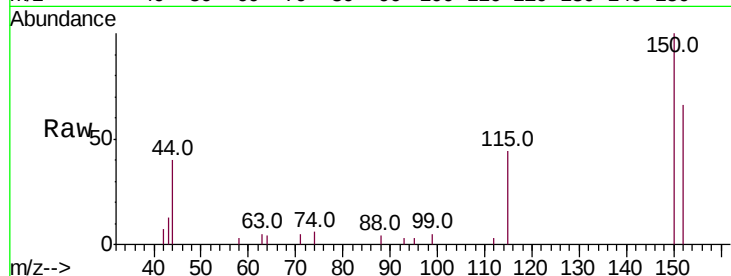
Tot Ion:152 Resp: 2300

Ion Ratio Lower Upper

152 100

150 150.8 112.4 168.6

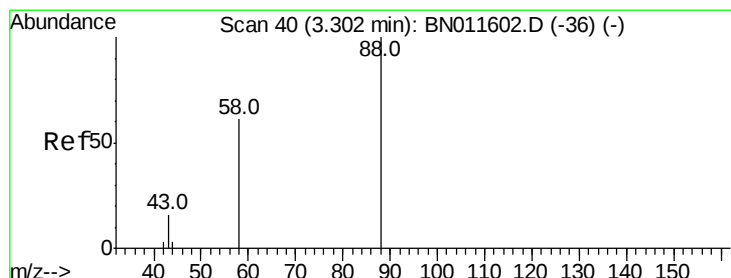
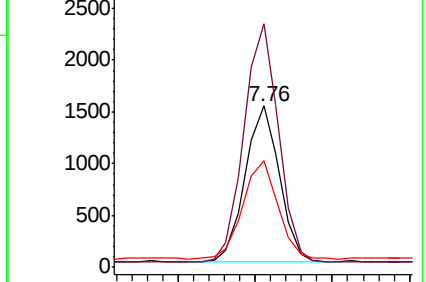
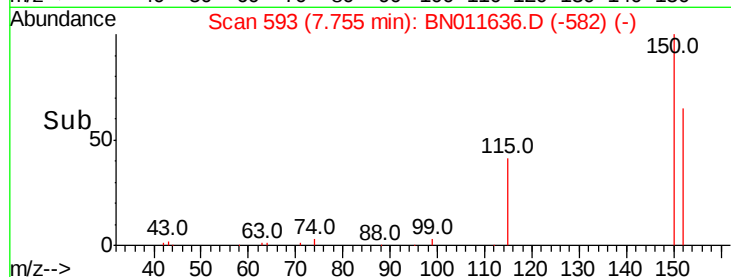
115 65.9 56.9 85.3



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: 0.120 ng

RT: 3.30 min Scan# 40

Delta R.T. -0.00 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

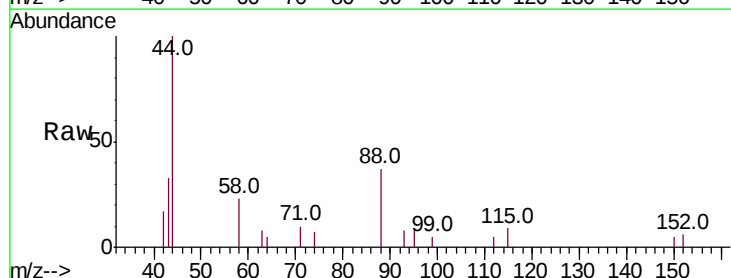
Tgt Ion: 88 Resp: 429

Ion Ratio Lower Upper

88 100

58 66.9 3.0 4.4#

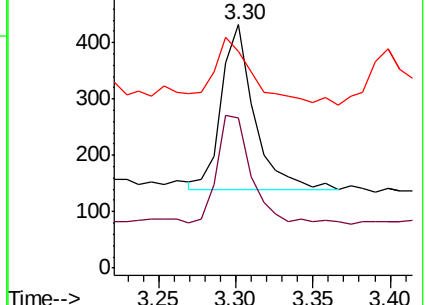
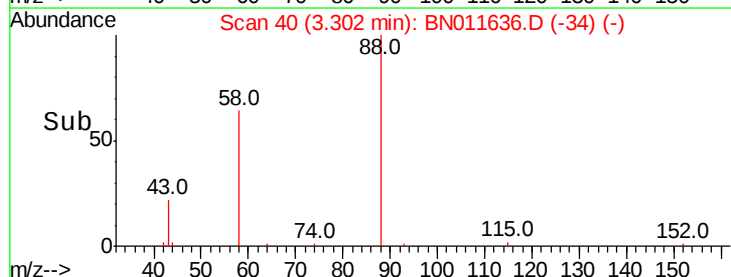
43 44.3 0.0 0.0#

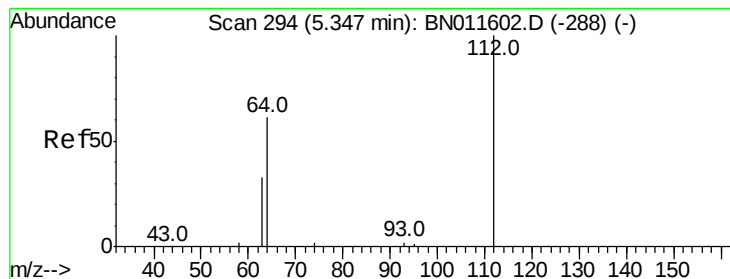


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.195 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-398-400

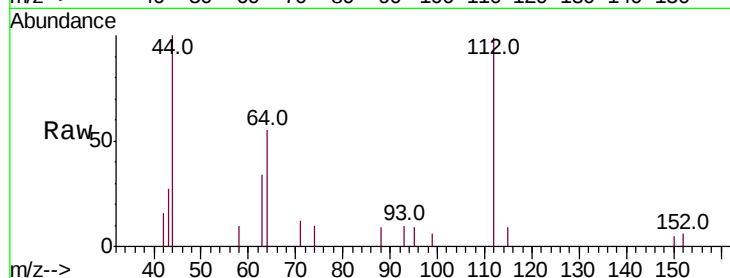
Tot Ion:112 Resp: 1433

Ion Ratio Lower Upper

112 100

64 63.9 49.6 74.4

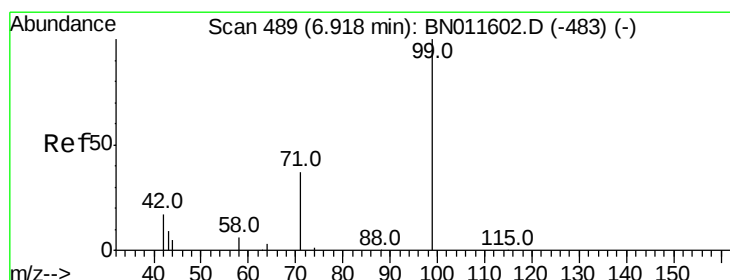
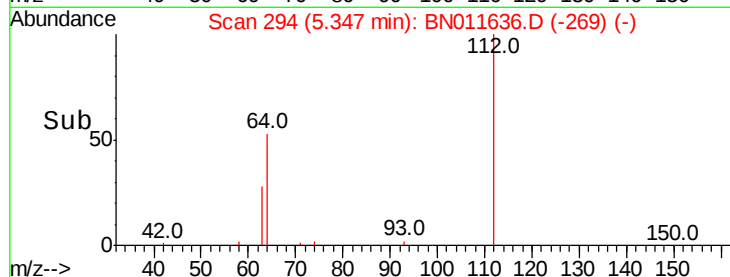
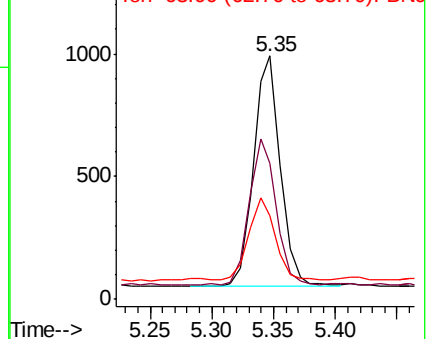
63 34.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.125 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

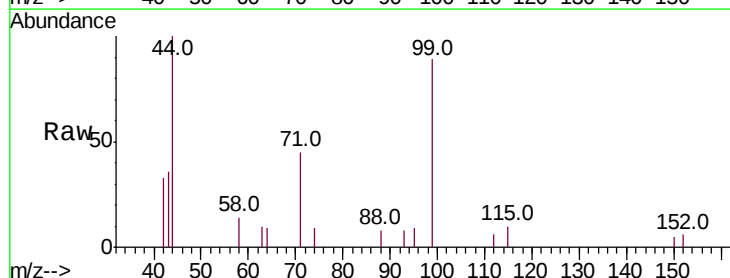
Tgt Ion: 99 Resp: 1303

Ion Ratio Lower Upper

99 100

42 36.7 0.0 0.0#

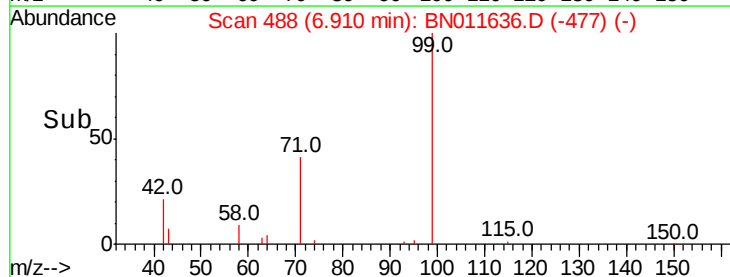
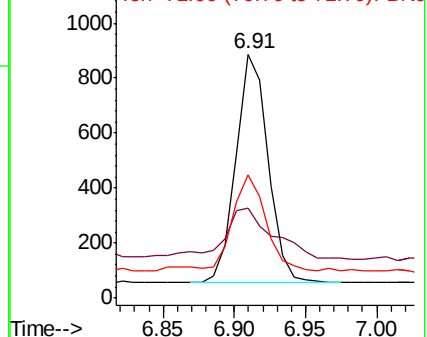
71 42.9 0.0 0.0#

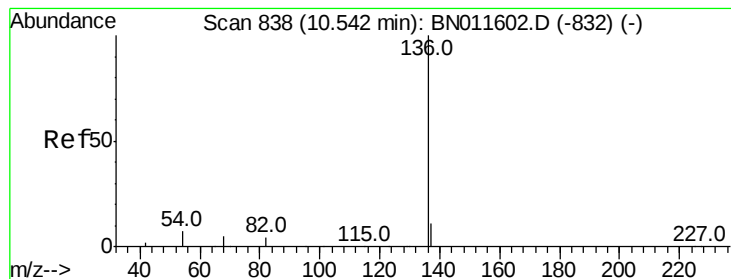


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-398-400

Tot Ion:136 Resp: 9549

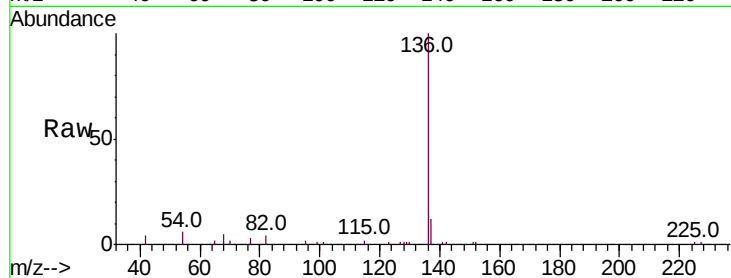
Ion Ratio Lower Upper

136 100

137 11.8 11.5 17.3

54 6.2 11.9 17.9#

68 4.8 12.3 18.5#

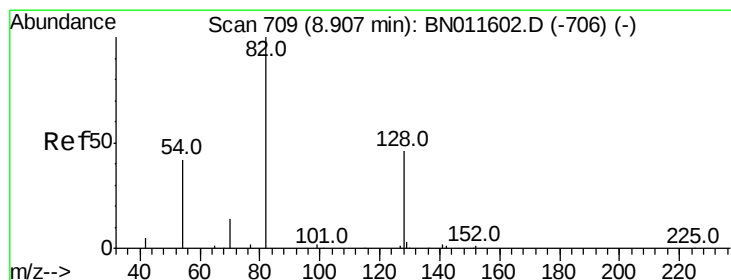
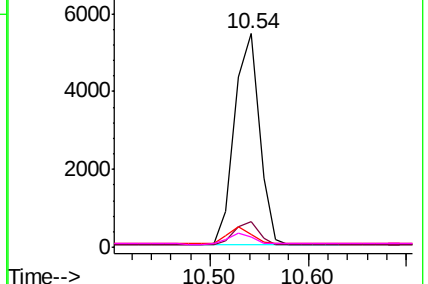
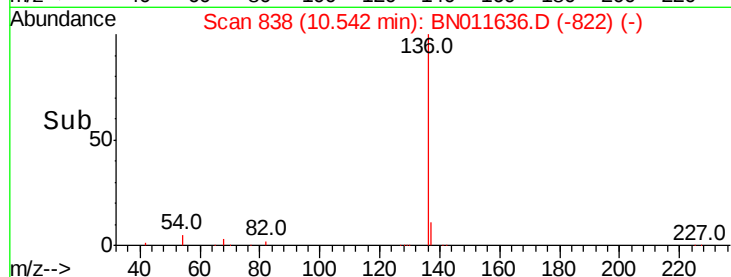


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.475 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

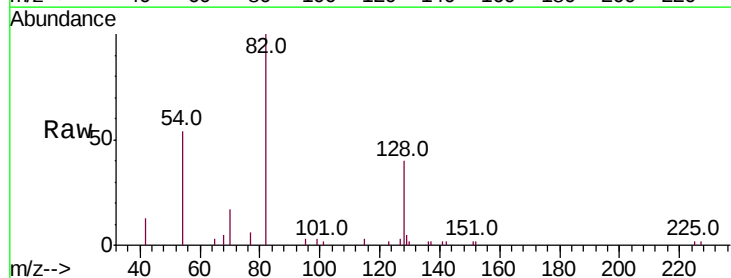
Tgt Ion: 82 Resp: 3928

Ion Ratio Lower Upper

82 100

128 39.9 31.1 46.7

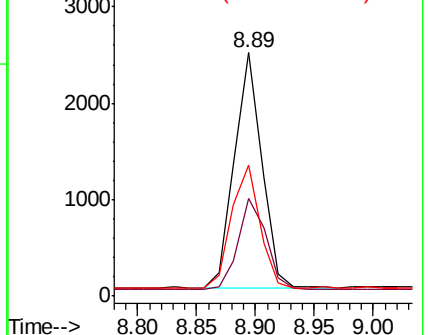
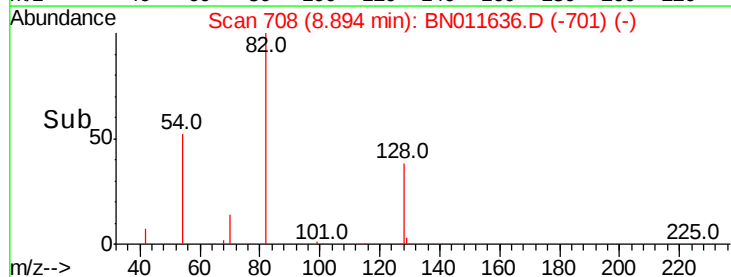
54 53.9 37.1 55.7

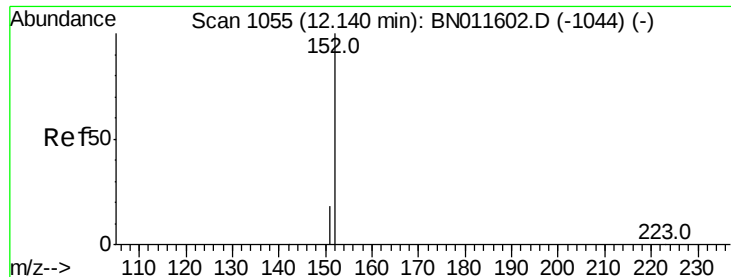


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.249 ng

RT: 12.13 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

Instrument :

BNA_N

ClientSampleId :

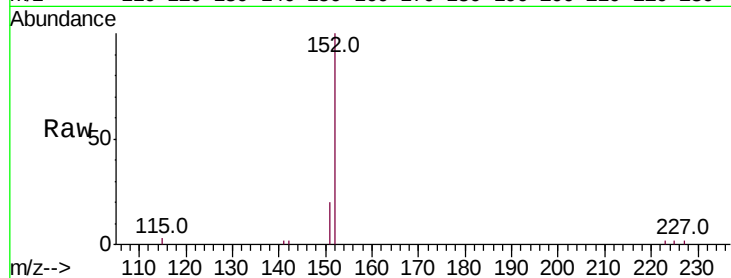
BP-VPB181-GW-398-400

Tot Ion:152 Resp: 4507

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.13

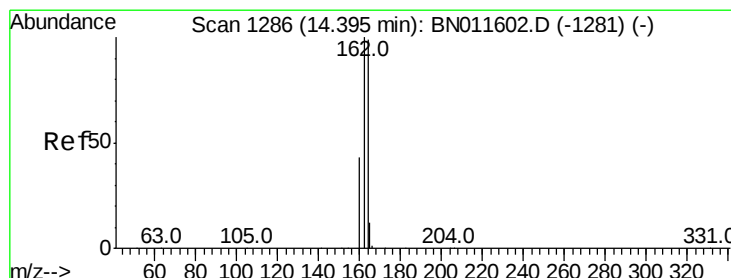
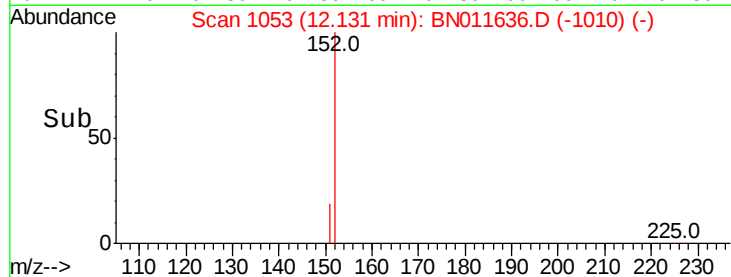
3000

2000

1000

0

Time--> 12.05 12.10 12.15 12.20



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

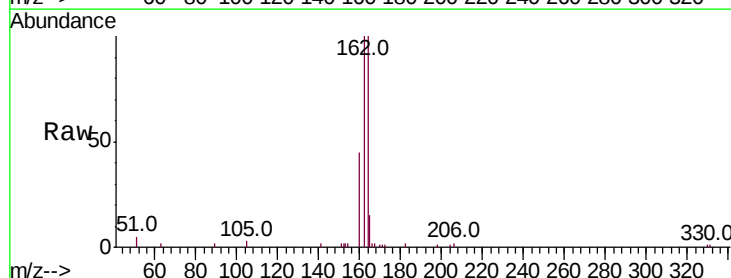
Tgt Ion:164 Resp: 6057

Ion Ratio Lower Upper

164 100

162 99.5 80.8 121.2

160 44.6 35.6 53.4



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

14.39

5000

4000

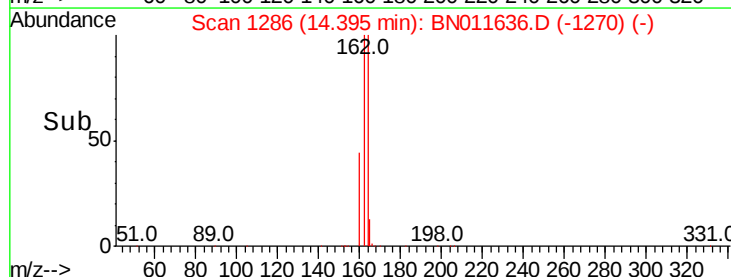
3000

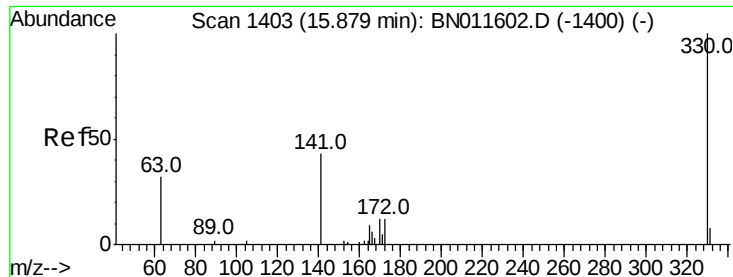
2000

1000

0

Time--> 14.30 14.40 14.50





#14

2,4,6-Tribromophenol

Concen: 0.321 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-398-400

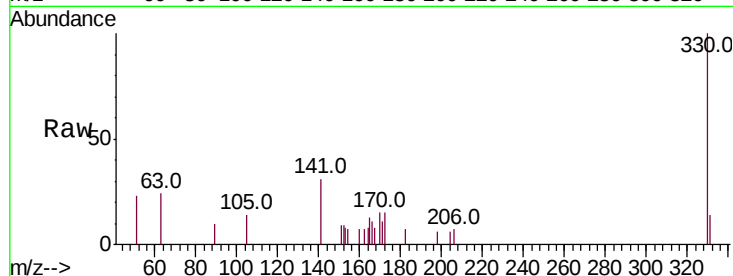
Tot Ion:330 Resp: 1068

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

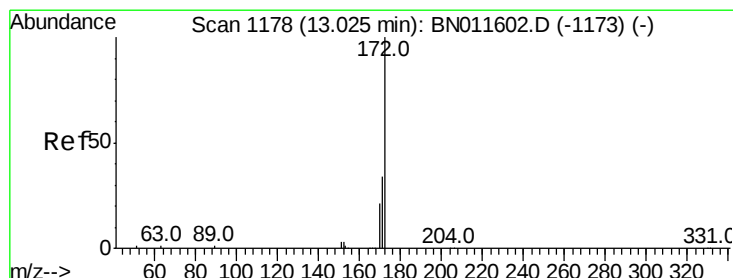
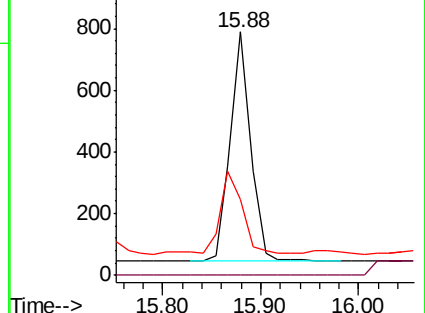
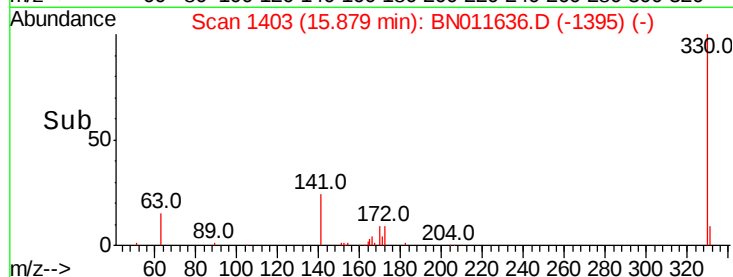
141 39.6 29.4 44.2



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: 0.479 ng

RT: 13.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

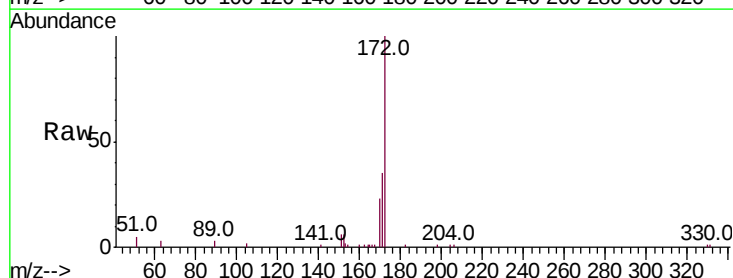
Tgt Ion:172 Resp: 11297

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

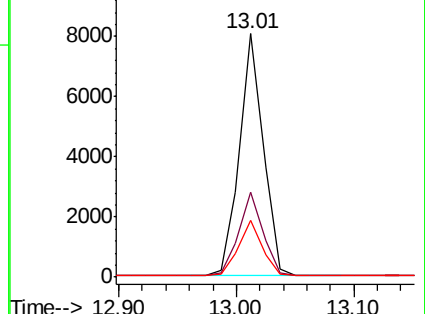
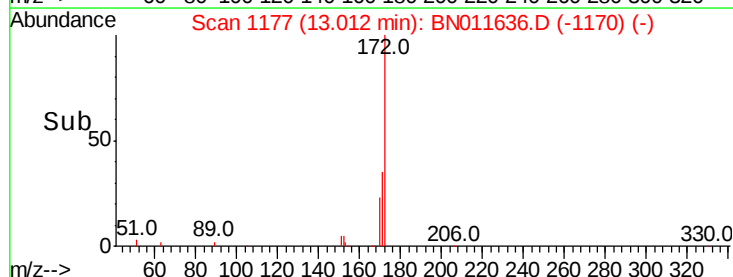
170 23.0 18.2 27.2

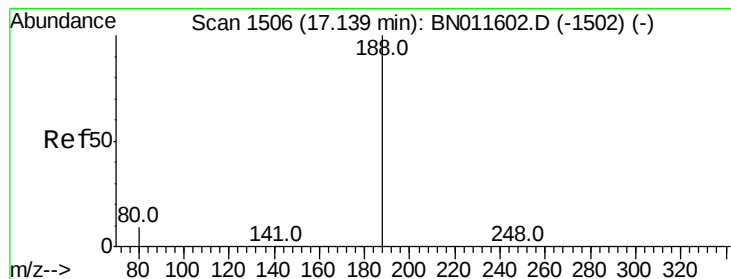


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

Instrument :

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ClientSampleId :

BP-VPB181-GW-398-400

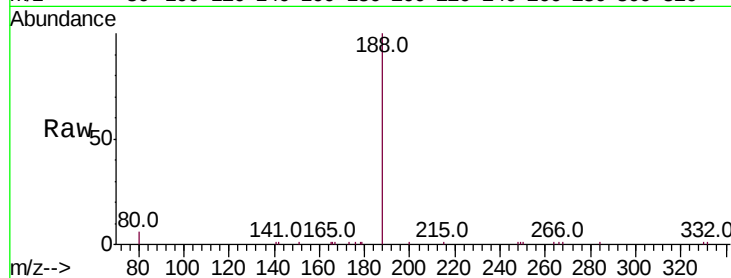
Tot Ion:188 Resp: 13358

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

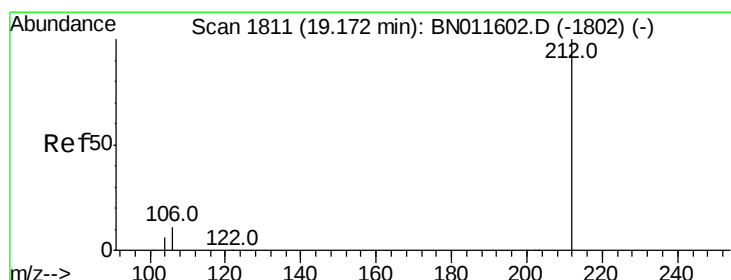
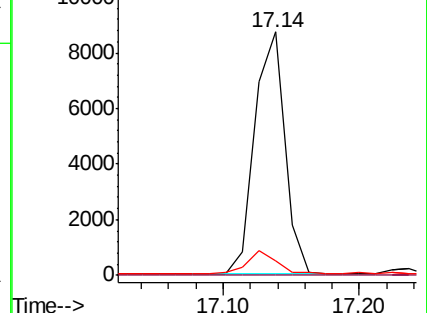
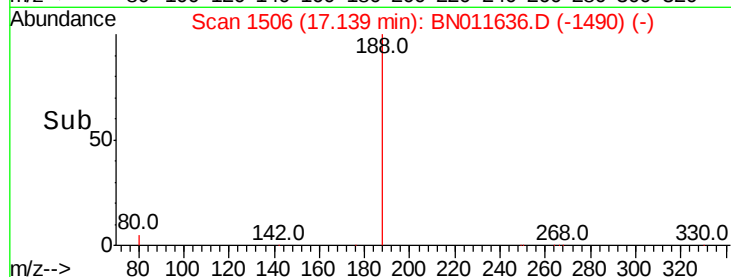
80 6.0 9.2 13.8#



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: 0.243 ng

RT: 19.17 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

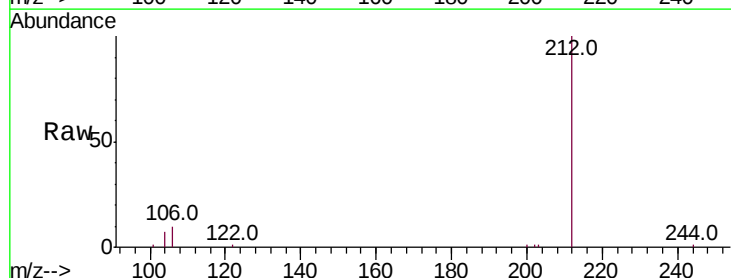
Tgt Ion:212 Resp: 10569

Ion Ratio Lower Upper

212 100

106 10.1 8.9 13.3

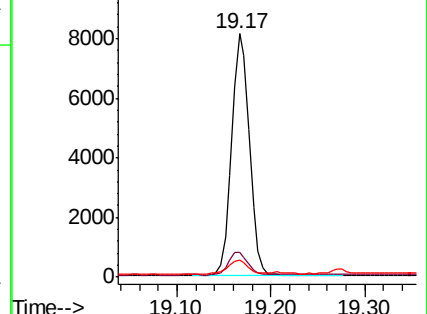
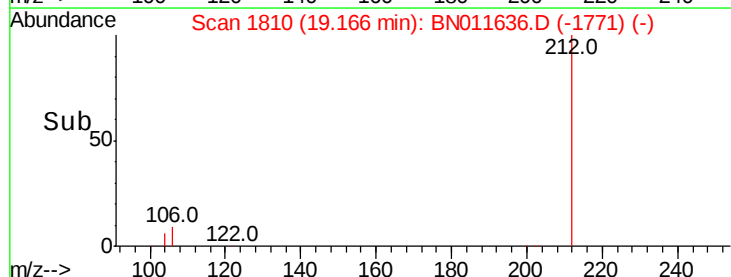
104 6.1 5.3 7.9

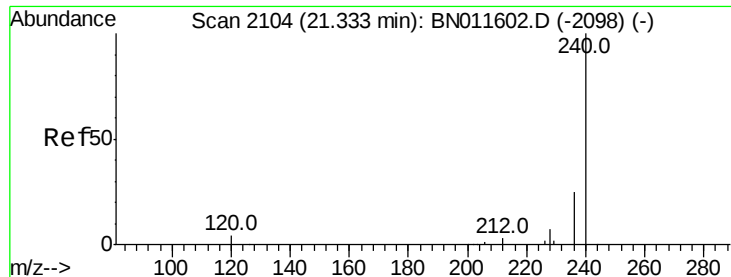


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN011636.D

Acq: 26 Aug 2020 04:03

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-398-400

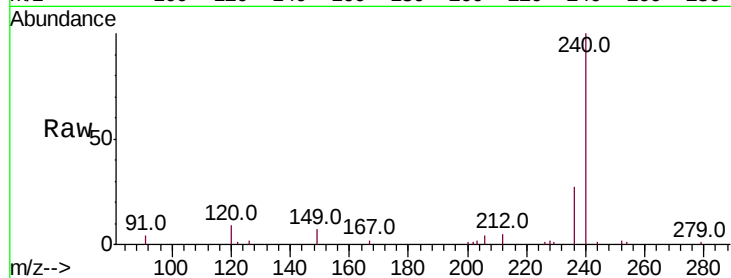
Tot Ion:240 Resp: 13435

Ion Ratio Lower Upper

240 100

120 8.8 6.0 9.0

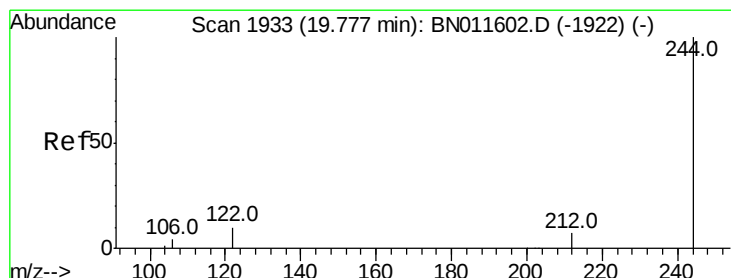
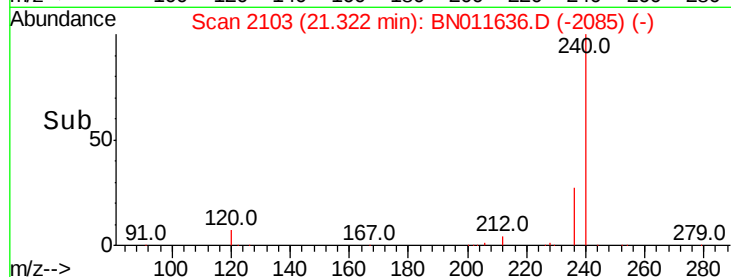
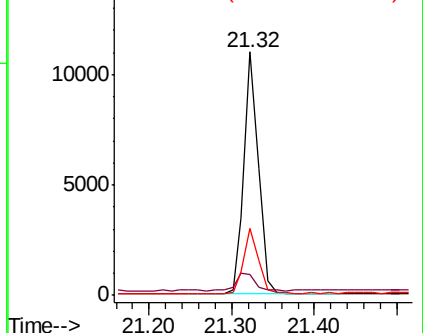
236 27.4 20.8 31.2



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



#31

Terphenyl-d14

Concen: 0.600 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011636.D

Acq: 26 Aug 2020 04:03

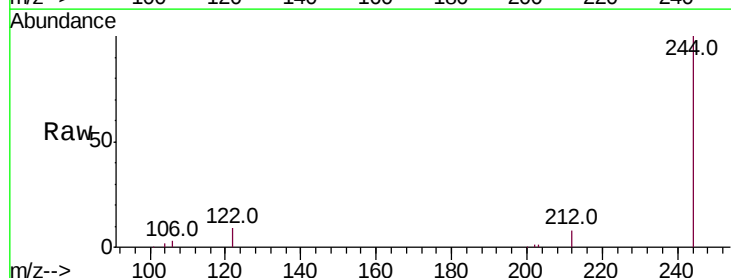
Tgt Ion:244 Resp: 20596

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

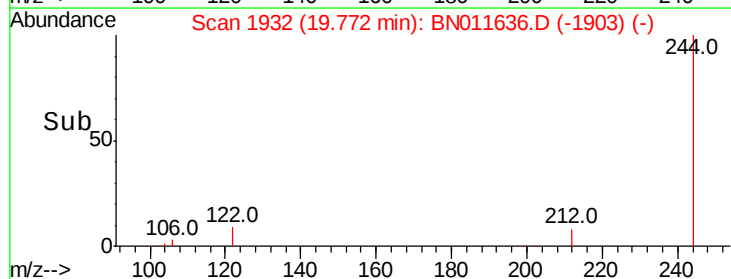
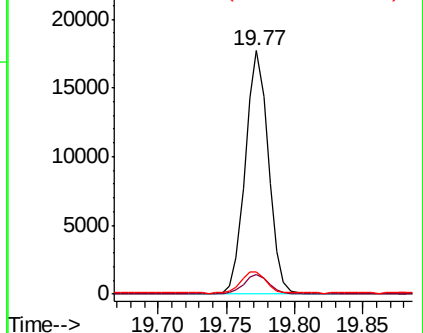
122 9.3 9.5 14.3#

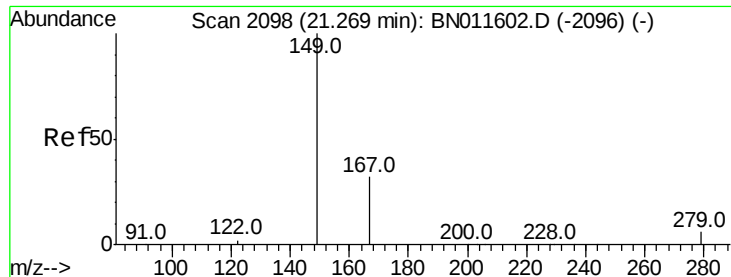


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

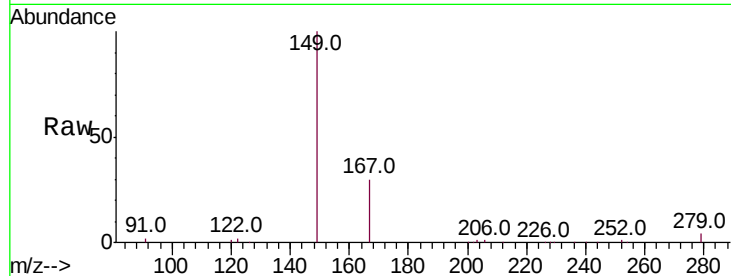




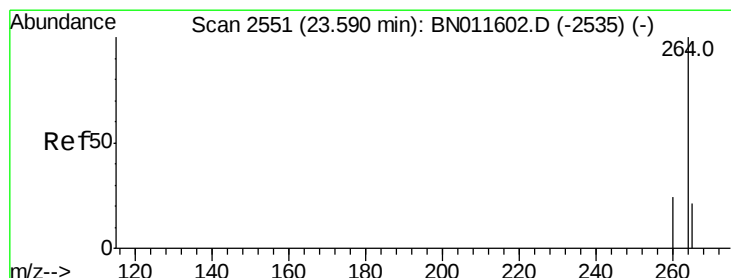
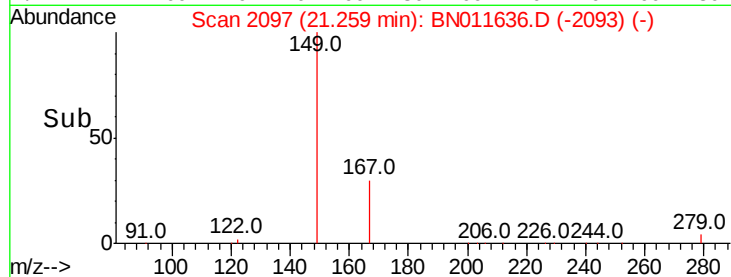
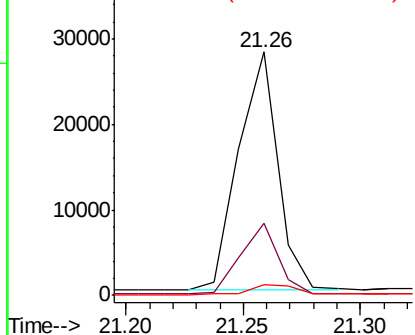
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.138 ng
 RT: 21.26 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BN011636.D
 Acq: 26 Aug 2020 04:03

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-398-400

Tot Ion:149 Resp: 32294
 Ion Ratio Lower Upper
 149 100
 167 28.8 20.6 31.0
 279 4.8 3.8 5.8

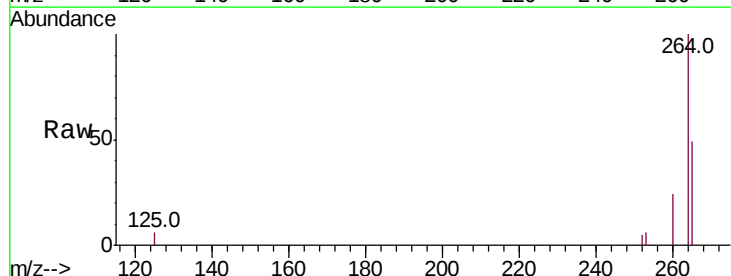


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BN011636.D
 Acq: 26 Aug 2020 04:03

Tgt Ion:264 Resp: 14408
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 48.7 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

