

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017366.D
 Acq On : 10 Nov 2021 02:25
 Operator : CG/JU
 Sample : M4508-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-558-560

Quant Time: Nov 10 11:22:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 10 11:00:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

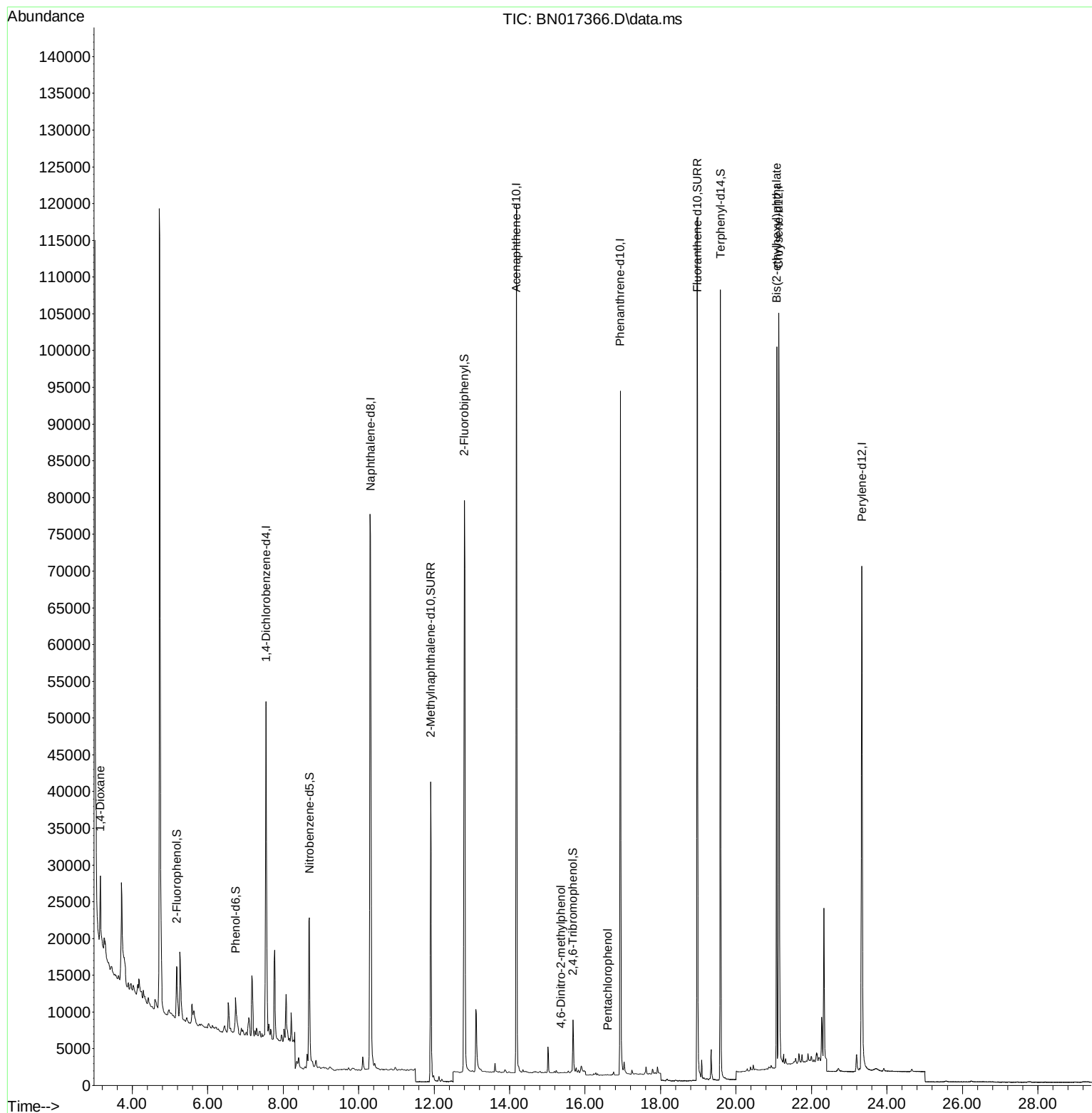
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	27164	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	117687	0.400	ng	0.01
13) Acenaphthene-d10	14.181	164	64734	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	121223	0.400	ng	0.00
29) Chrysene-d12	21.133	240	109193	0.400	ng	# 0.00
35) Perylene-d12	23.335	264	92804	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	8366	0.134	ng	0.02
5) Phenol-d6	6.740	99	4933	0.072	ng	0.00
8) Nitrobenzene-d5	8.697	82	21656	0.307	ng	0.01
11) 2-Methylnaphthalene-d10	11.911	152	58898	0.340	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	6011	0.249	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	77770	0.316	ng	0.00
27) Fluoranthene-d10	18.975	212	135167	0.437	ng	0.00
31) Terphenyl-d14	19.591	244	110429	0.454	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.153	88	4986	0.328	ng	96
20) 4,6-Dinitro-2-methylph...	15.361	198	10	0.187	ng	# 1
24) Pentachlorophenol	16.605	266	68	0.222	ng	90
34) Bis(2-ethylhexyl)phtha...	21.080	149	80388	0.688	ng	99

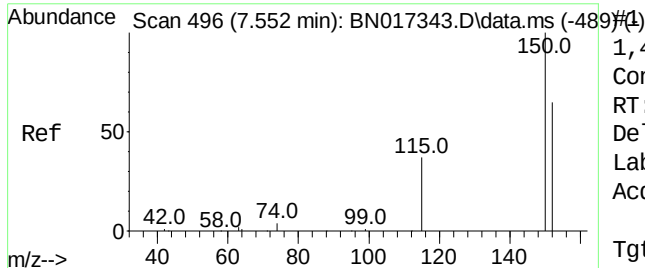
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.552 min Scan# 4

Delta R.T. 0.010 min

Lab File: BN017366.D

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BP-VPB-RW9-GW-558-560

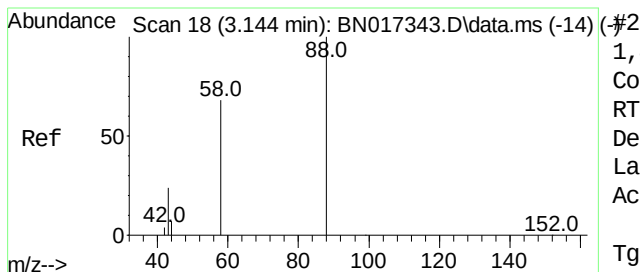
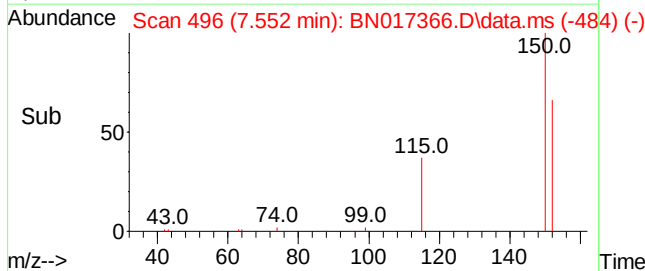
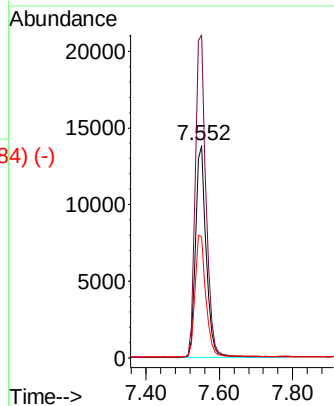
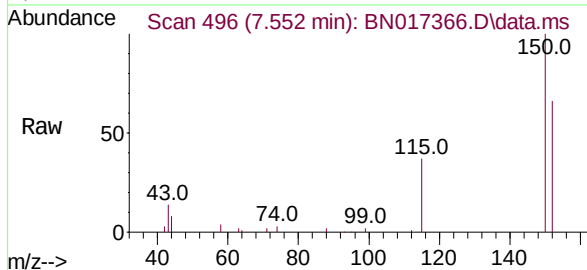
Tgt Ion:152 Resp: 27164

Ion Ratio Lower Upper

152 100

150 152.0 123.0 184.4

115 56.8 45.6 68.4



1,4-Dioxane

Concen: 0.328 ng

RT: 3.153 min Scan# 19

Delta R.T. 0.009 min

Lab File: BN017366.D

Acq: 10 Nov 2021 02:25

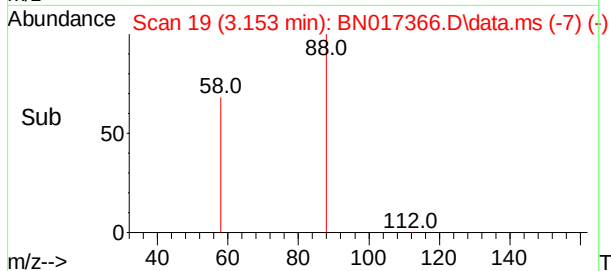
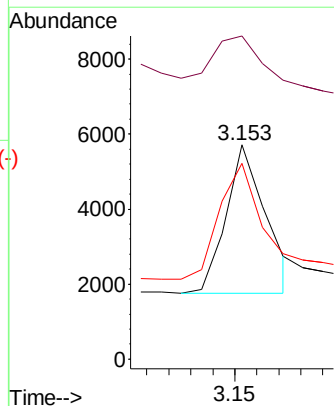
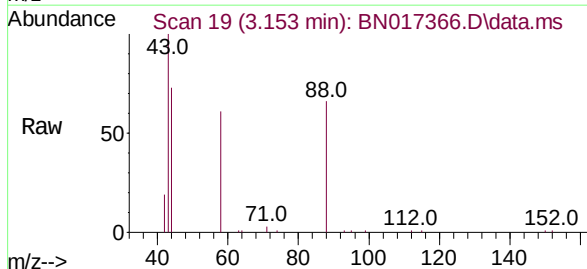
Tgt Ion: 88 Resp: 4986

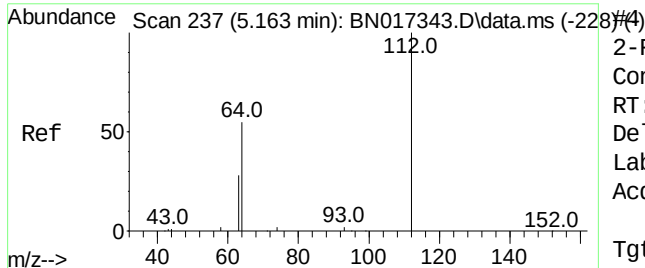
Ion Ratio Lower Upper

88 100

43 31.4 24.7 37.1

58 83.2 63.0 94.6





2-Fluorophenol

Concen: 0.134 ng

RT: 5.182 min Scan# 1

Delta R.T. 0.018 min

Lab File: BN017366.D

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Instrument :

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BP-VPB-RW9-GW-558-560

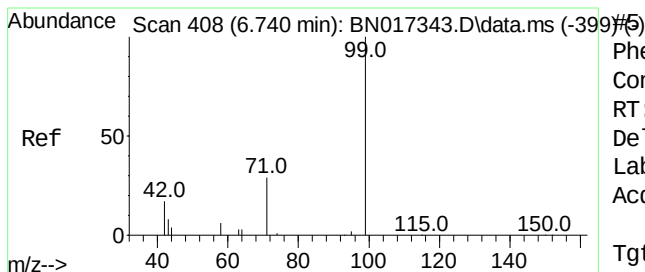
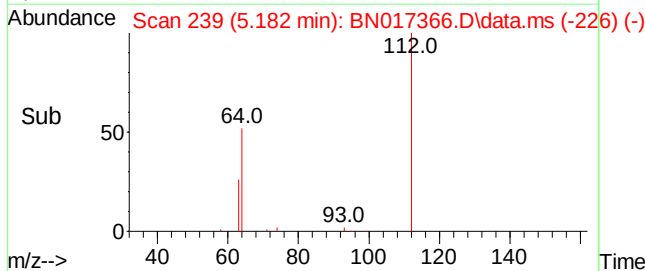
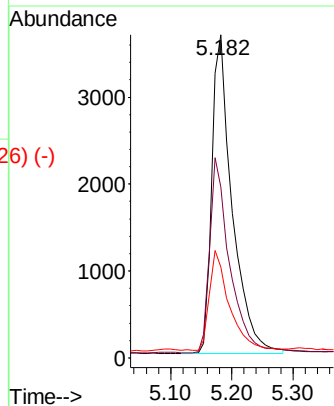
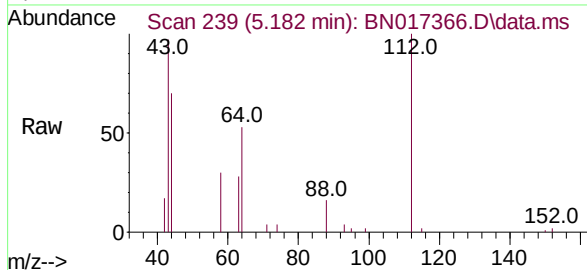
Tgt Ion:112 Resp: 8366

Ion Ratio Lower Upper

112 100

64 59.9 47.6 71.4

63 30.6 24.6 37.0



Phenol-d6

Concen: 0.072 ng

RT: 6.740 min Scan# 408

Delta R.T. 0.009 min

Lab File: BN017366.D

Acq: 10 Nov 2021 02:25

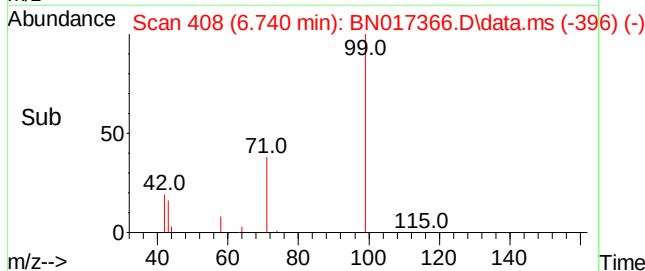
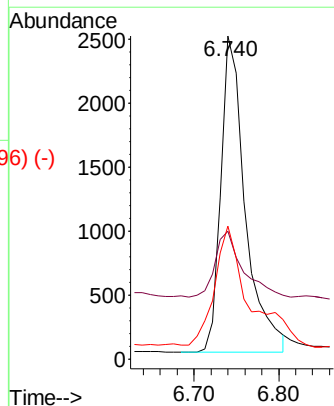
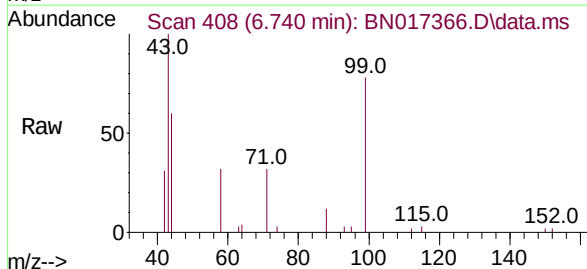
Tgt Ion: 99 Resp: 4933

Ion Ratio Lower Upper

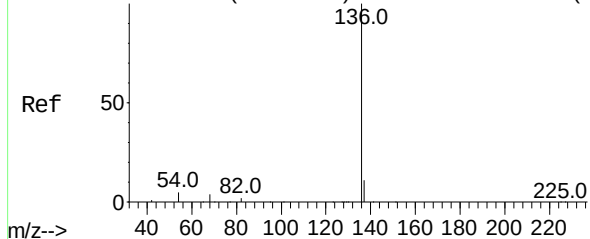
99 100

42 22.6 17.0 25.6

71 50.7 24.8 37.2#



Abundance Scan 737 (10.319 min): BN017343.D\data.ms (-737) (-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.319 min Scan#

Delta R.T. 0.013 min

Lab File: BN017366.D

Acq: 10 Nov 2021 02:25

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-558-560

Tgt Ion:136 Resp: 117687

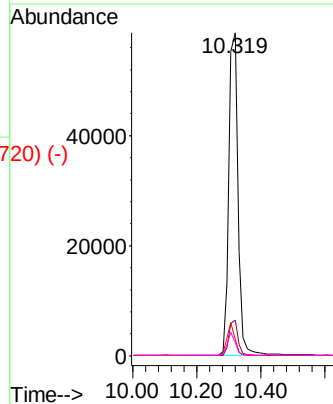
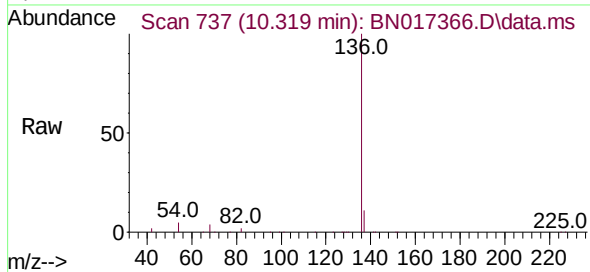
Ion Ratio Lower Upper

136 100

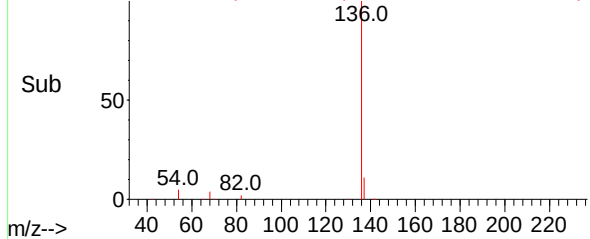
137 11.0 8.8 13.2

54 5.1 4.0 6.0

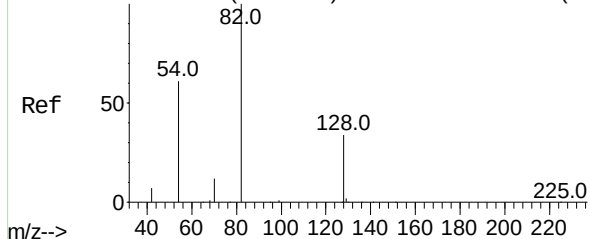
68 4.1 3.0 4.6



Abundance Scan 737 (10.319 min): BN017366.D\data.ms (-720) (-)



Abundance Scan 608 (8.684 min): BN017343.D\data.ms (-605) (-)



Nitrobenzene-d5

Concen: 0.307 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.013 min

Lab File: BN017366.D

Acq: 10 Nov 2021 02:25

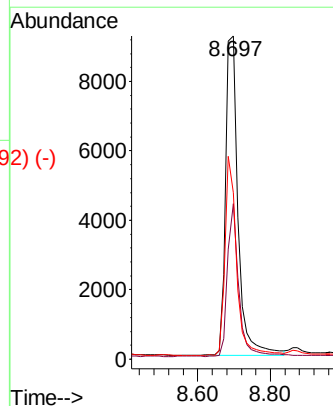
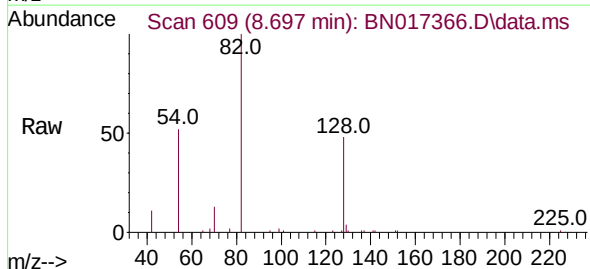
Tgt Ion: 82 Resp: 21656

Ion Ratio Lower Upper

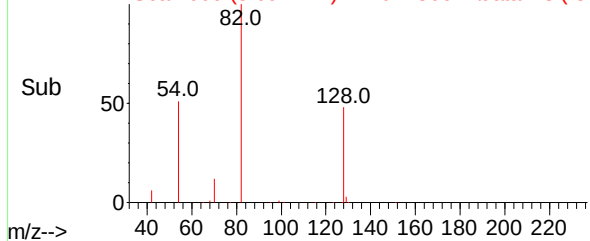
82 100

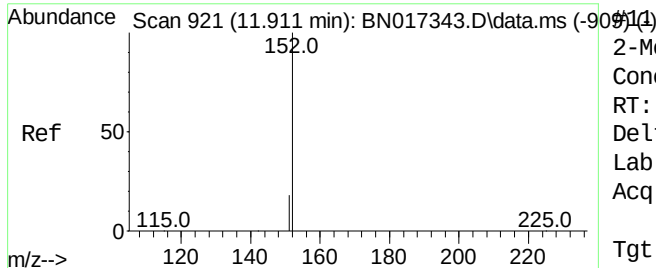
128 48.0 27.7 41.5#

54 51.6 49.2 73.8



Abundance Scan 609 (8.697 min): BN017366.D\data.ms (-592) (-)





2-Methylnaphthalene-d10

Concen: 0.340 ng

RT: 11.911 min Scan# 921

Delta R.T. -0.000 min

Lab File: BN017366.D

Acq: 10 Nov 2021 02:25

Instrument :

BNA_N

ClientSampleId :

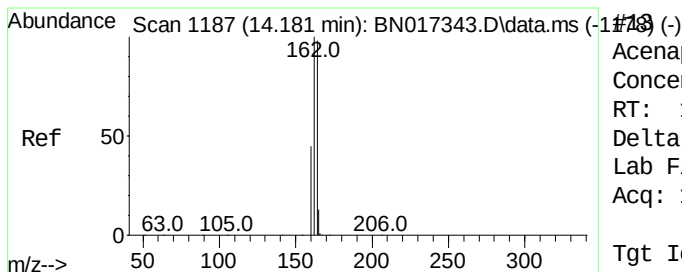
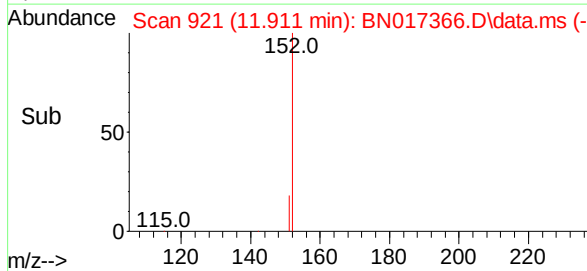
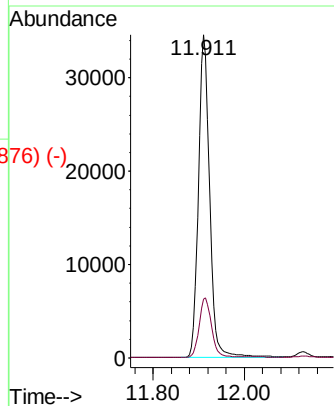
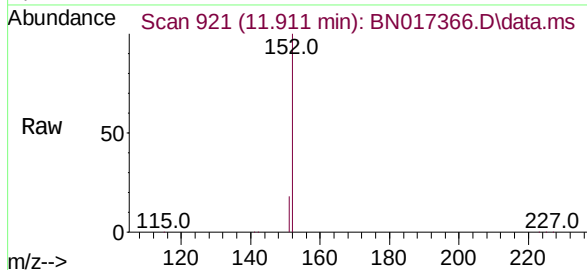
BP-VPB-RW9-GW-558-560

Tgt Ion:152 Resp: 58898

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4



Acenaphthene-d10

Concen: 0.400 ng

RT: 14.181 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BN017366.D

Acq: 10 Nov 2021 02:25

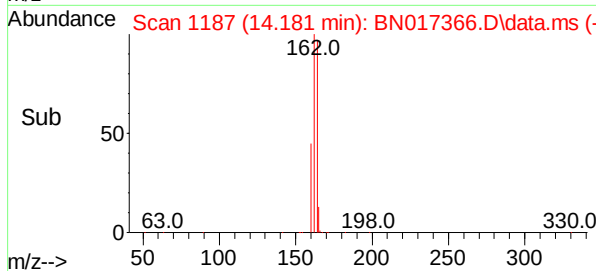
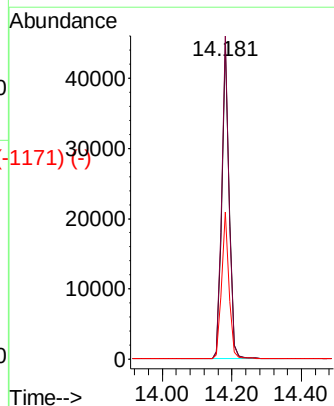
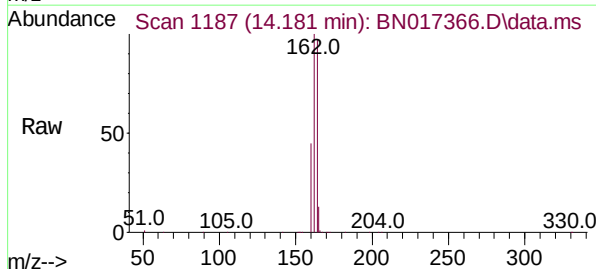
Tgt Ion:164 Resp: 64734

Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.2

160 46.7 36.8 55.2



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1304) (-)

2,4,6-Tribromophenol

Concen: 0.249 ng

RT: 15.678 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BN017366.D

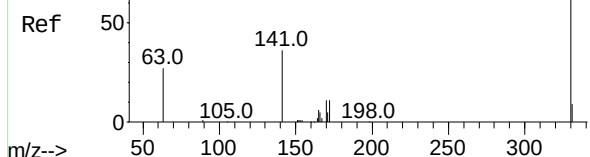
Acq: 10 Nov 2021 02:25

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-558-560



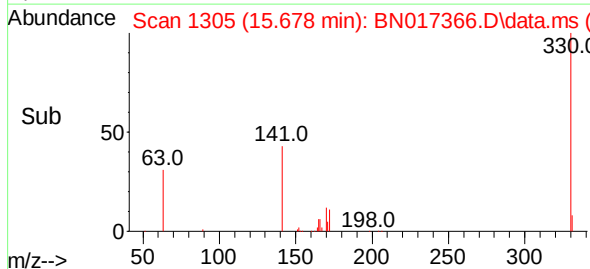
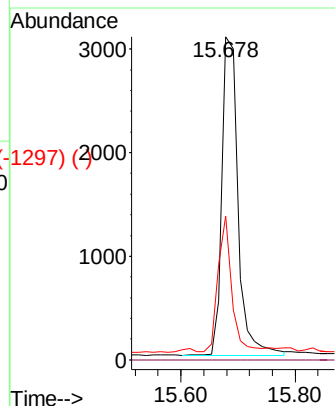
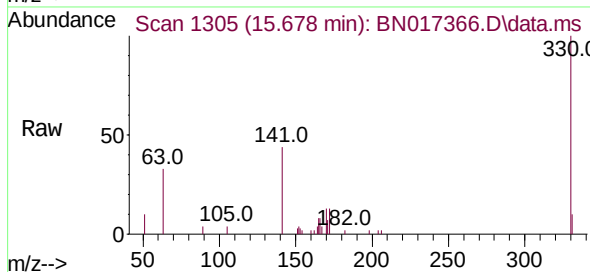
Tgt Ion:330 Resp: 6011

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 36.3 28.9 43.3



Abundance Scan 1078 (12.798 min): BN017343.D\data.ms (-1074) (-)

2-Fluorobiphenyl

Concen: 0.316 ng

RT: 12.798 min Scan# 1078

Delta R.T. -0.000 min

Lab File: BN017366.D

Acq: 10 Nov 2021 02:25

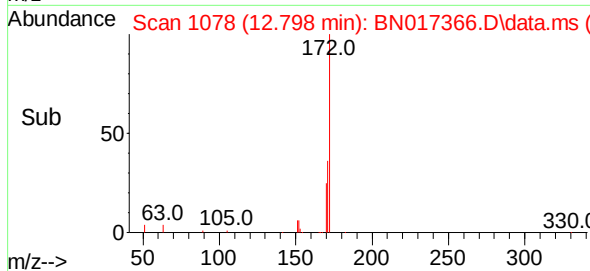
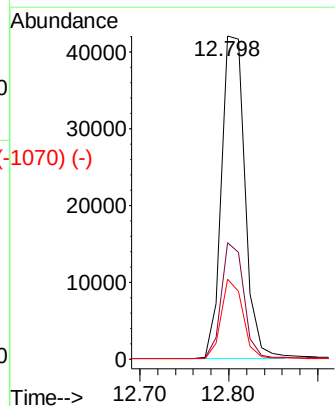
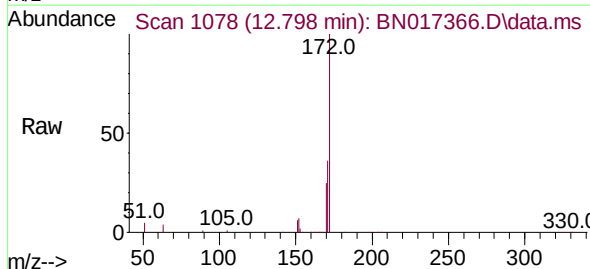
Tgt Ion:172 Resp: 77770

Ion Ratio Lower Upper

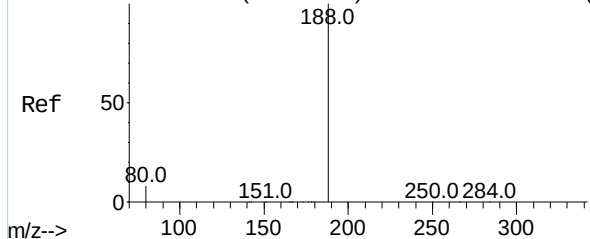
172 100

171 36.0 28.7 43.1

170 24.7 19.4 29.2



Abundance Scan 1407 (16.934 min): BN017343.D\data.ms (-1407) (-)



Phenanthrene-d10

Concen: 0.400 ng

RT: 16.934 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BN017366.D

Acq: 10 Nov 2021 02:25

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-558-560

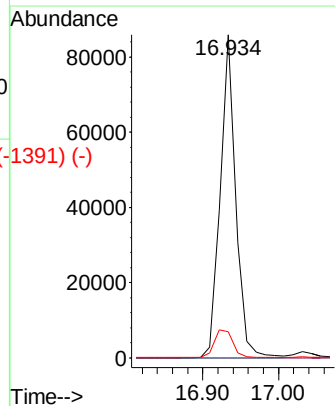
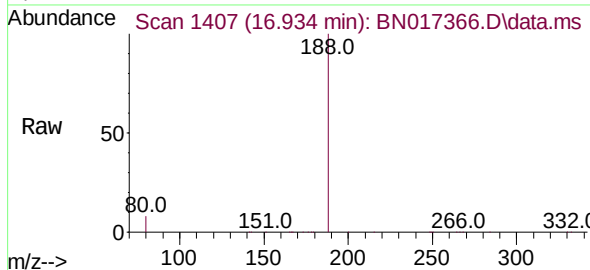
Tgt Ion:188 Resp: 121223

Ion Ratio Lower Upper

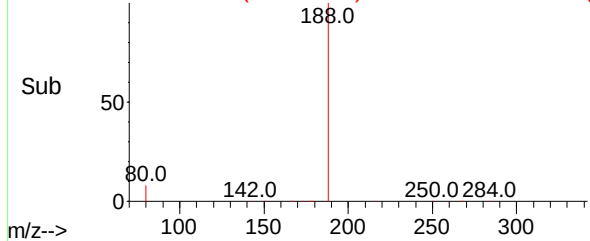
188 100

94 0.0 0.0 0.0

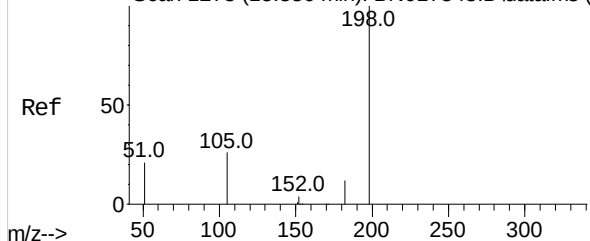
80 8.0 6.1 9.1



Abundance Scan 1407 (16.934 min): BN017366.D\data.ms (-1391) (-)



Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1278) (-)



4,6-Dinitro-2-methylphenol

Concen: 0.187 ng

RT: 15.361 min Scan# 1280

Delta R.T. 0.025 min

Lab File: BN017366.D

Acq: 10 Nov 2021 02:25

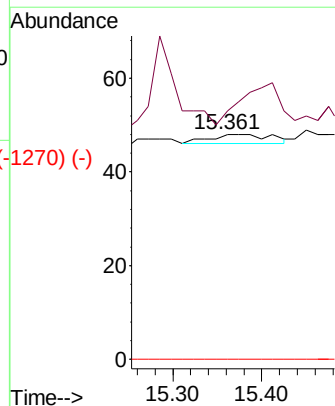
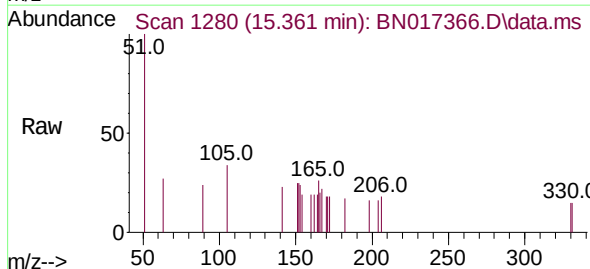
Tgt Ion:198 Resp: 10

Ion Ratio Lower Upper

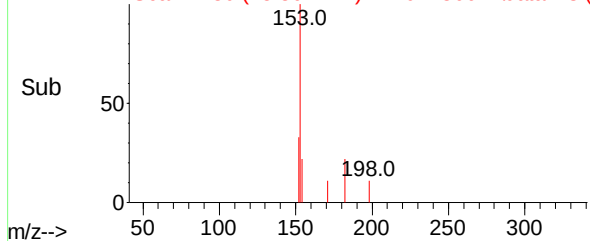
198 100

182 110.4 11.4 17.2#

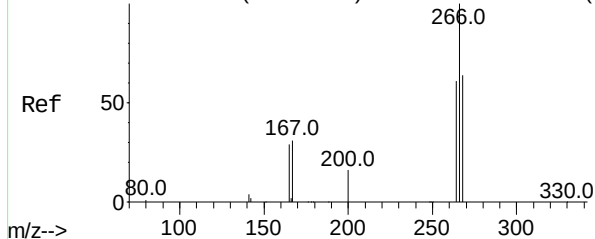
77 0.0 0.0 0.0



Abundance Scan 1280 (15.361 min): BN017366.D\data.ms (-1270) (-)



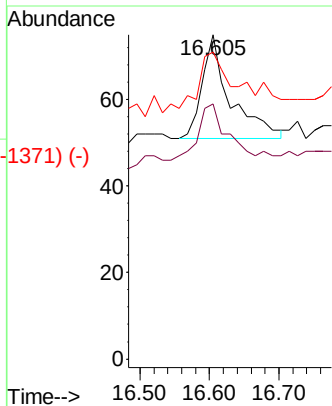
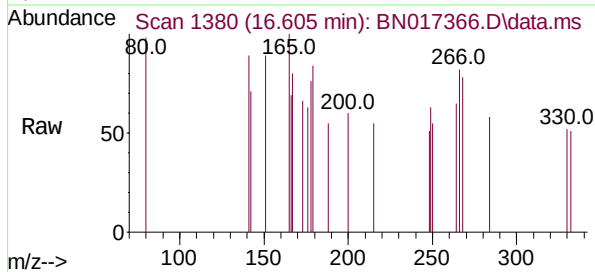
Abundance Scan 1379 (16.593 min): BN017343.D\data.ms (-1379) (-)



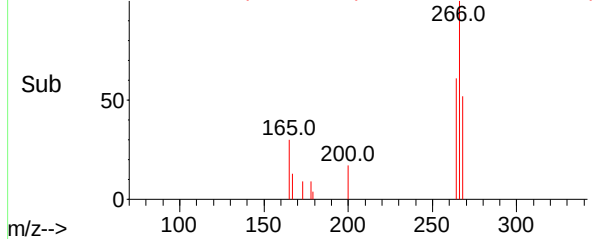
Pentachlorophenol
Concen: 0.222 ng
RT: 16.605 min Scan# 1379
Delta R.T. 0.012 min
Lab File: BN017366.D
Acq: 10 Nov 2021 02:25

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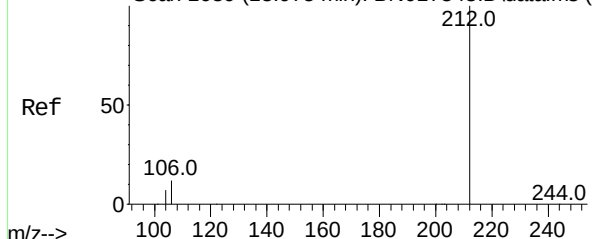
Tgt Ion:	266	Resp:	68
Ion Ratio	Lower	Upper	
266	100		
264	58.8	49.8	74.8
268	76.5	51.3	76.9



Abundance Scan 1380 (16.605 min): BN017366.D\data.ms (-1371) (-)

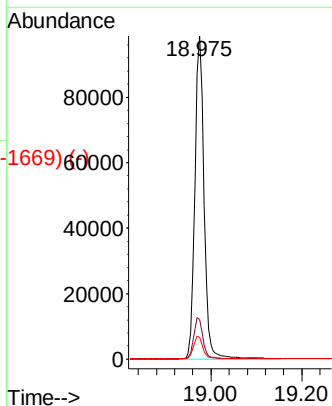
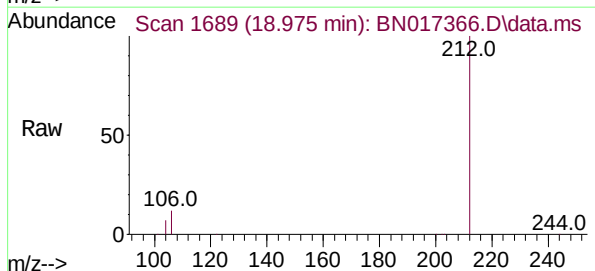


Abundance Scan 1689 (18.975 min): BN017343.D\data.ms (-1629) (-)

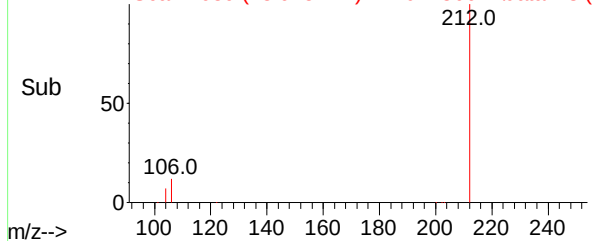


Fluoranthene-d10
Concen: 0.437 ng
RT: 18.975 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN017366.D
Acq: 10 Nov 2021 02:25

Tgt Ion:	212	Resp:	135167
Ion Ratio	Lower	Upper	
212	100		
106	12.9	10.5	15.7
104	7.5	5.8	8.6



Abundance Scan 1689 (18.975 min): BN017366.D\data.ms (-1669) (-)



Abundance Scan 2004 (21.144 min): BN017343.D\data.ms (-1929) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN017366.D

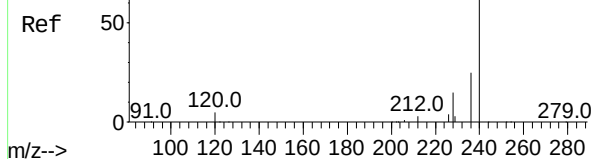
Acq: 10 Nov 2021 02:25

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-558-560



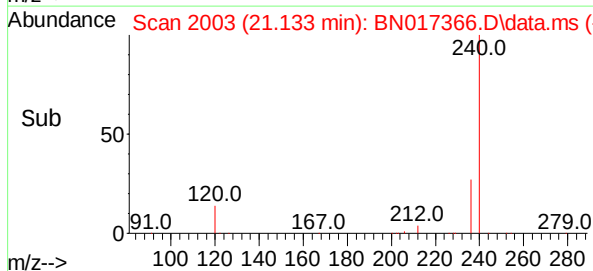
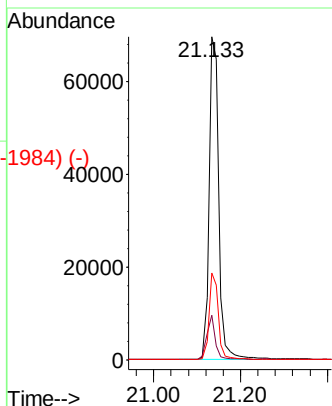
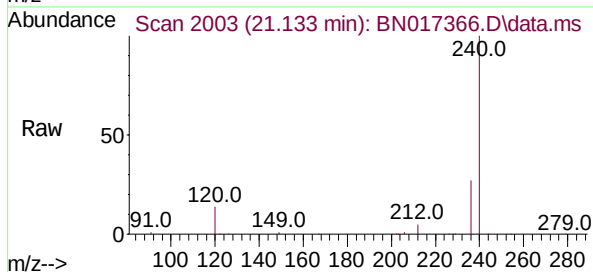
Tgt Ion:240 Resp: 109193

Ion Ratio Lower Upper

240 100

120 13.9 4.2 6.2#

236 26.8 20.0 30.0



Abundance Scan 1813 (19.591 min): BN017343.D\data.ms (-1831) (-)

Terphenyl-d14

Concen: 0.454 ng

RT: 19.591 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BN017366.D

Acq: 10 Nov 2021 02:25

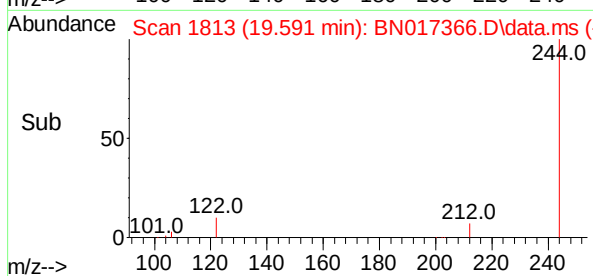
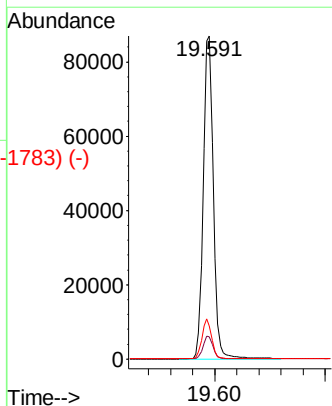
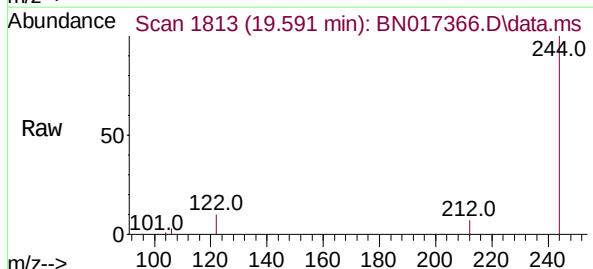
Tgt Ion:244 Resp: 110429

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.3 8.6 13.0



Abundance Scan 1998 (21.080 min): BN017343.D\data.ms (-1989) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.688 ng

RT: 21.080 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BN017366.D

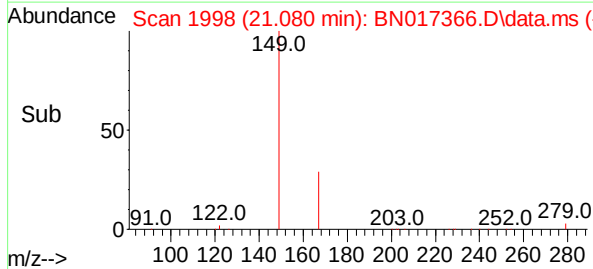
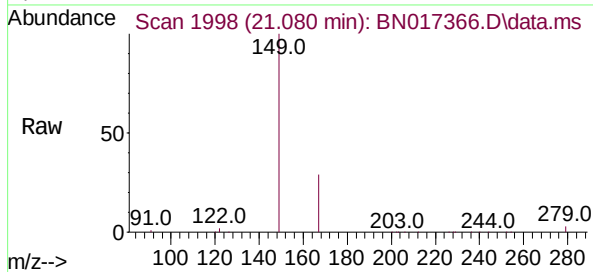
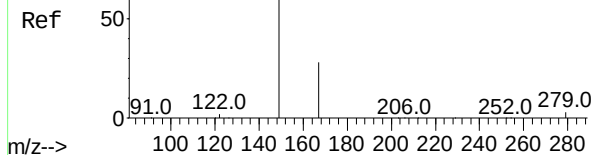
Acq: 10 Nov 2021 02:25

Instrument :

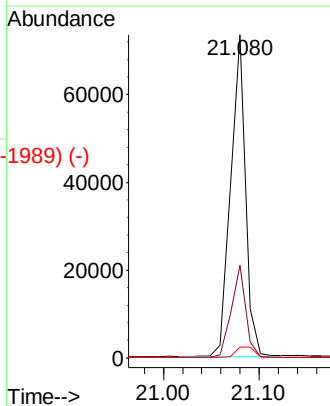
BNA_N

ClientSampleId :

BP-VPB-RW9-GW-558-560



Tgt Ion:	149	Resp:	80388
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.8	32.6
279	4.1	3.4	5.0



Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2350) (-)

Perylene-d12

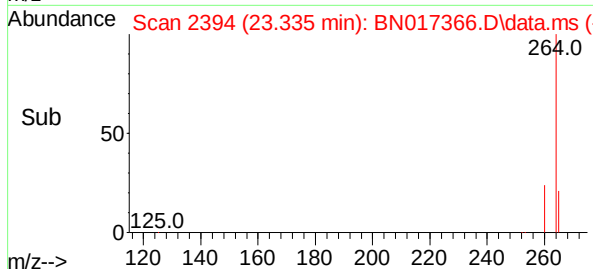
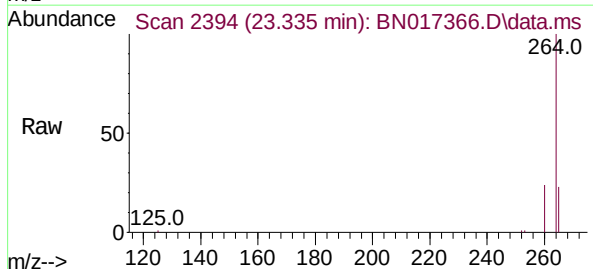
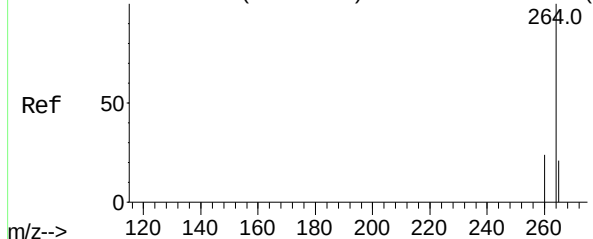
Concen: 0.400 ng

RT: 23.335 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BN017366.D

Acq: 10 Nov 2021 02:25



Tgt Ion:	264	Resp:	92804
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	23.3	18.6	28.0

