

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017367.D
 Acq On : 10 Nov 2021 03:01
 Operator : CG/JU
 Sample : M4508-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-518-520

Quant Time: Nov 10 11:22:36 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)

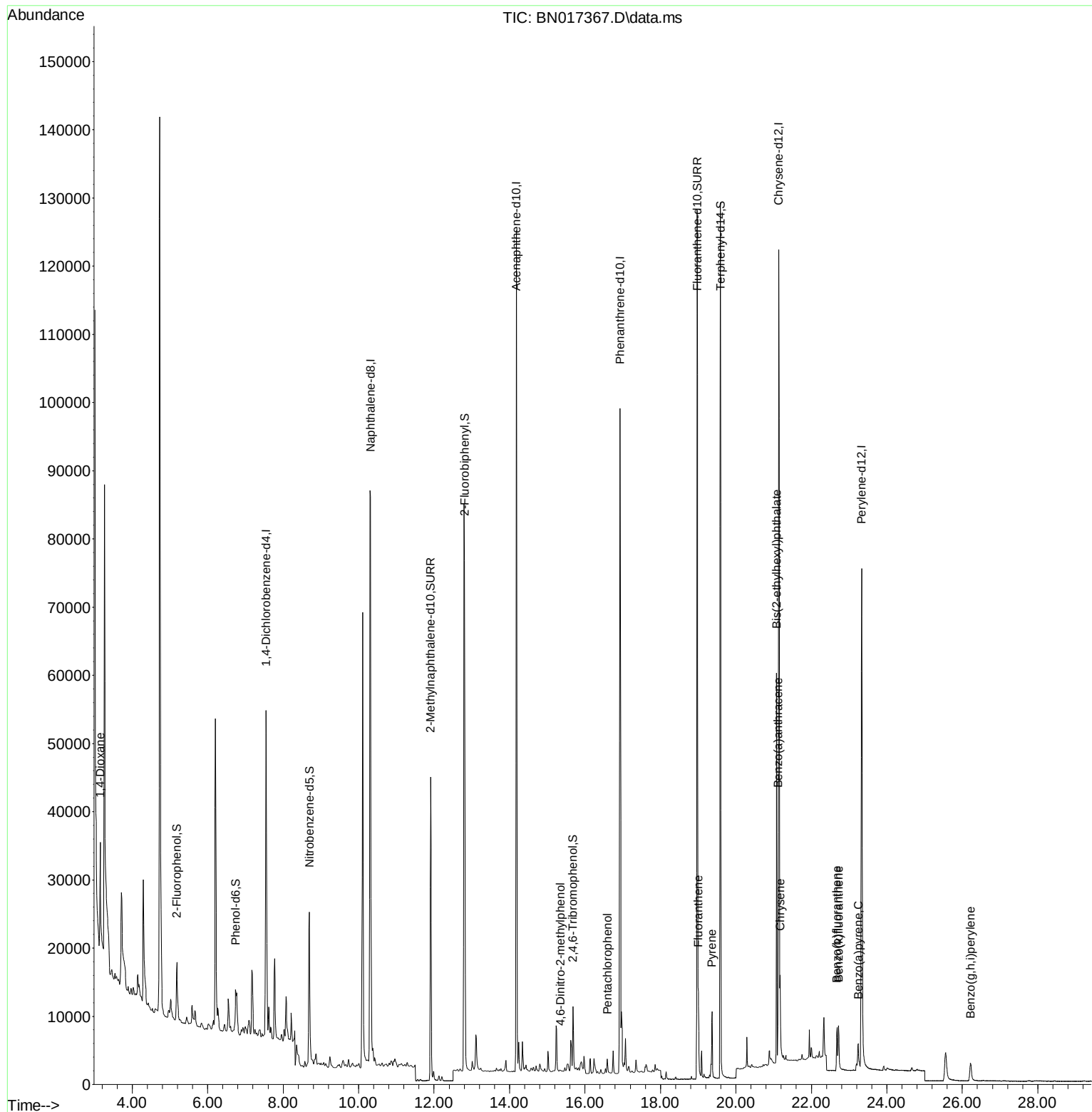
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	27592	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	129391	0.400	ng	0.01
13) Acenaphthene-d10	14.181	164	67560	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	127542	0.400	ng	0.00
29) Chrysene-d12	21.133	240	119428	0.400	ng	# 0.00
35) Perylene-d12	23.332	264	99245	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	9493	0.149	ng	0.02
5) Phenol-d6	6.740	99	6331	0.090	ng	0.00
8) Nitrobenzene-d5	8.697	82	22430	0.289	ng	0.01
11) 2-Methylnaphthalene-d10	11.911	152	60529	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	7444	0.295	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	82343	0.320	ng	0.01
27) Fluoranthene-d10	18.975	212	142260	0.437	ng	0.00
31) Terphenyl-d14	19.590	244	128449	0.483	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.153	88	9409	0.609	ng	97
20) 4,6-Dinitro-2-methylph...	15.348	198	59	0.190	ng	# 1
24) Pentachlorophenol	16.593	266	1224	0.251	ng	99
28) Fluoranthene	19.005	202	9634	0.024	ng	97
30) Pyrene	19.367	202	9051	0.023	ng	99
32) Benzo(a)anthracene	21.122	228	8828	0.024	ng	98
33) Chrysene	21.176	228	8460	0.022	ng	97
34) Bis(2-ethylhexyl)phtha...	21.080	149	47126	0.369	ng	100
37) Benzo(b)fluoranthene	22.678	252	7795	0.024	ng	# 84
38) Benzo(k)fluoranthene	22.722	252	7577	0.023	ng	# 77
39) Benzo(a)pyrene	23.239	252	6248	0.022	ng	# 77
41) Benzo(g,h,i)perylene	26.221	276	6056	0.020	ng	94

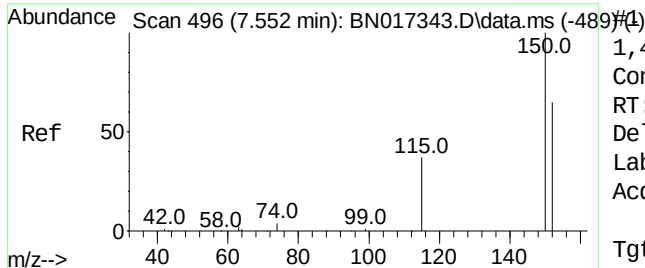
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.551 min Scan# 4

Delta R.T. 0.009 min

Lab File: BN017367.D

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ClientSampleId :

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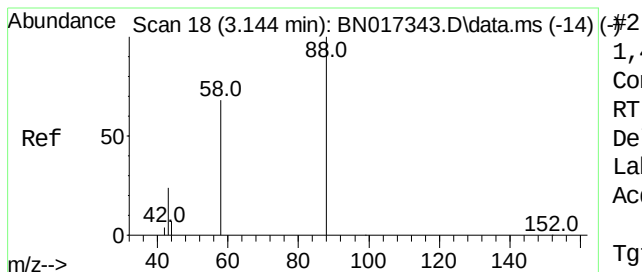
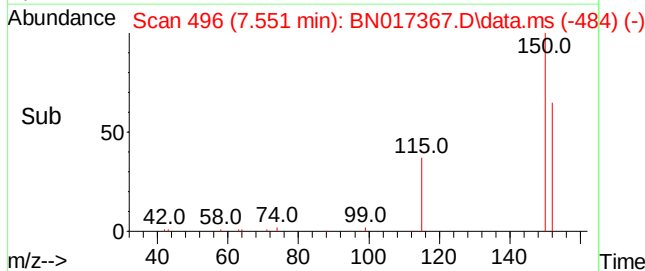
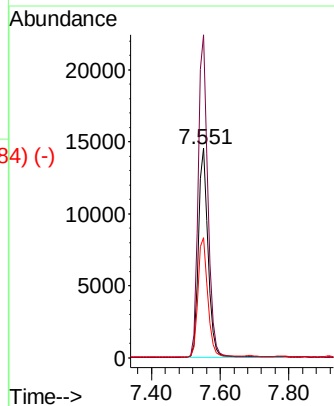
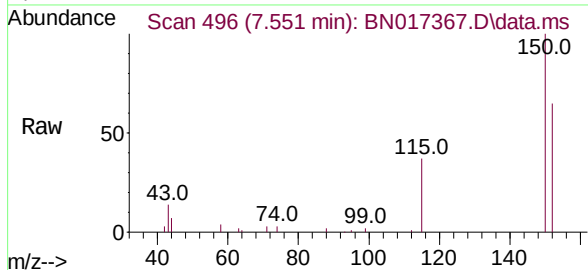
Tgt Ion:152 Resp: 27592

Ion Ratio Lower Upper

152 100

150 154.0 123.0 184.4

115 57.2 45.6 68.4



1,4-Dioxane

Concen: 0.609 ng

RT: 3.153 min Scan# 19

Delta R.T. 0.009 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

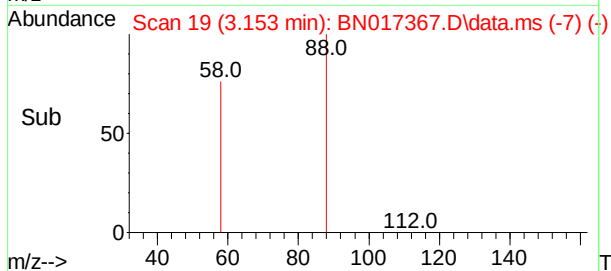
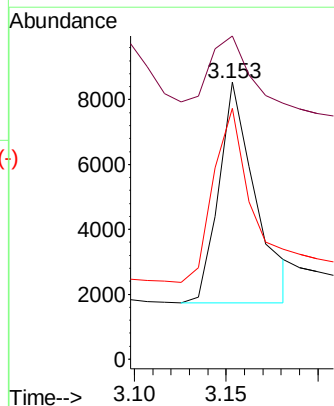
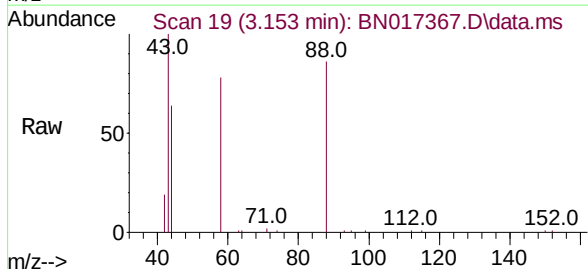
Tgt Ion: 88 Resp: 9409

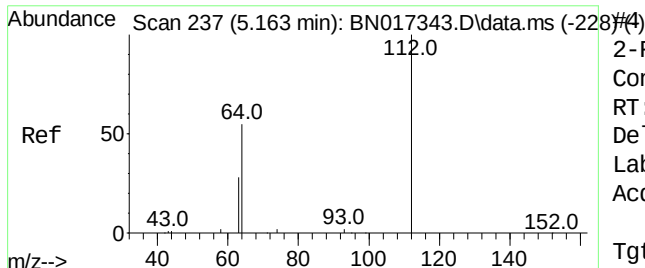
Ion Ratio Lower Upper

88 100

43 29.6 24.7 37.1

58 81.5 63.0 94.6





2-Fluorophenol

Concen: 0.149 ng

RT: 5.182 min Scan# 1

Delta R.T. 0.018 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

Instrument :

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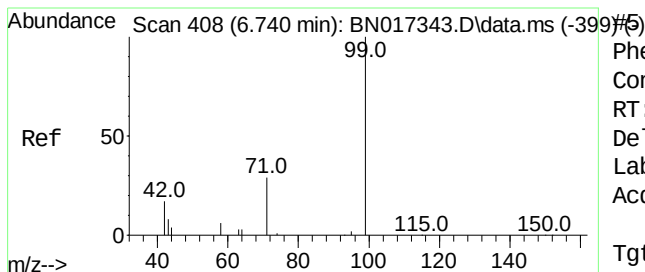
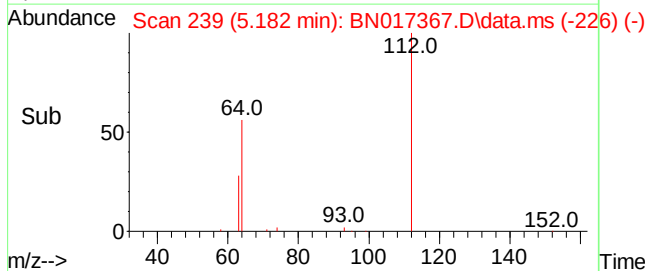
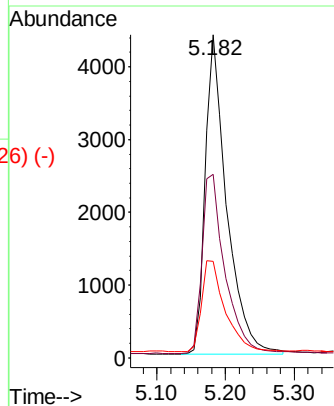
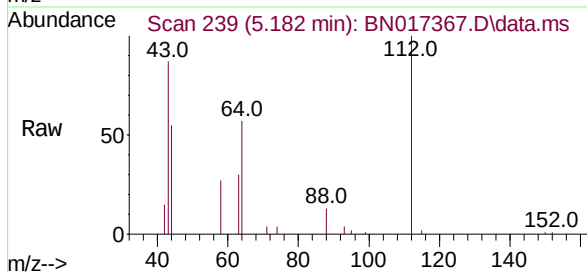
Tgt Ion:112 Resp: 9493

Ion Ratio Lower Upper

112 100

64 59.6 47.6 71.4

63 31.1 24.6 37.0



Phenol-d6

Concen: 0.090 ng

RT: 6.740 min Scan# 408

Delta R.T. 0.009 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

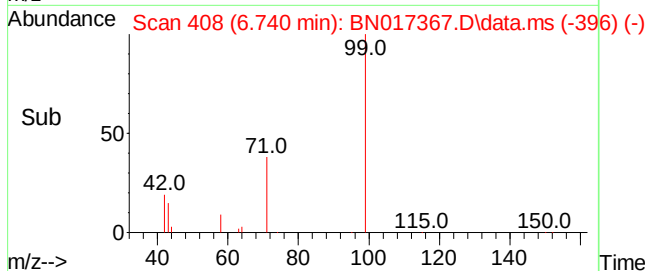
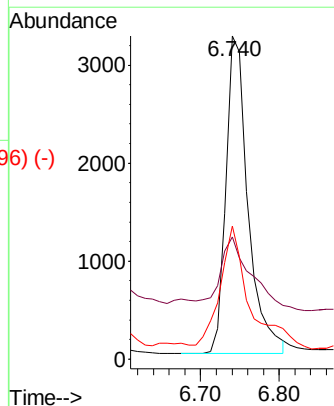
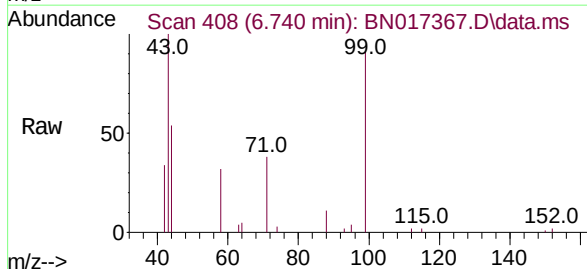
Tgt Ion: 99 Resp: 6331

Ion Ratio Lower Upper

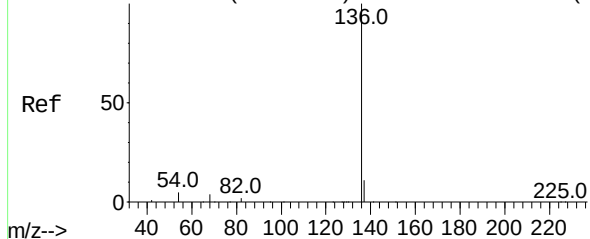
99 100

42 26.9 17.0 25.6#

71 45.6 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. 0.012 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-518-520

Tgt Ion:136 Resp: 129391

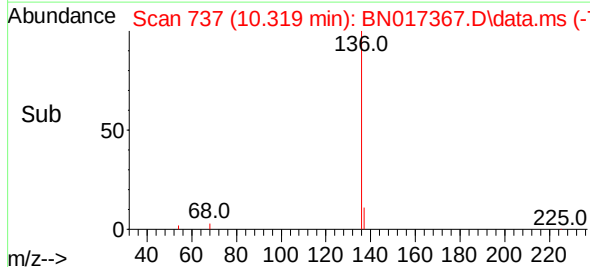
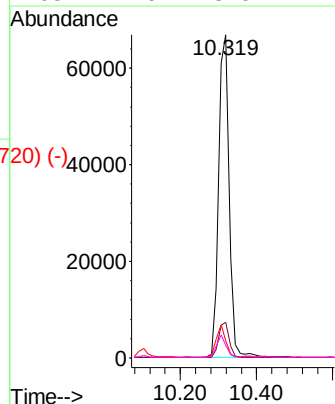
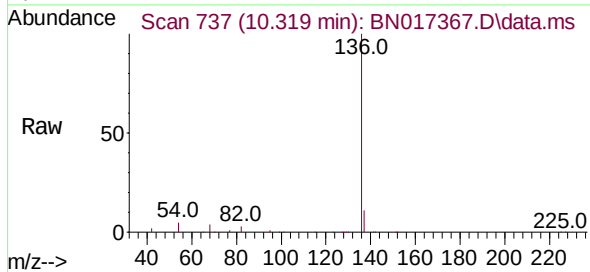
Ion Ratio Lower Upper

136 100

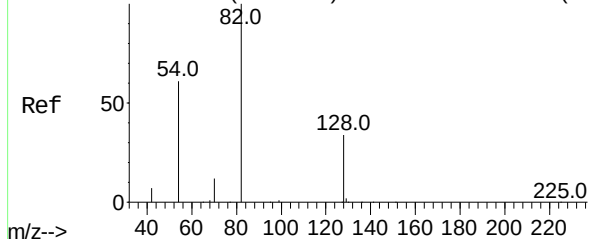
137 11.1 8.8 13.2

54 5.3 4.0 6.0

68 4.0 3.0 4.6



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



Nitrobenzene-d5

Concen: 0.289 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.012 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

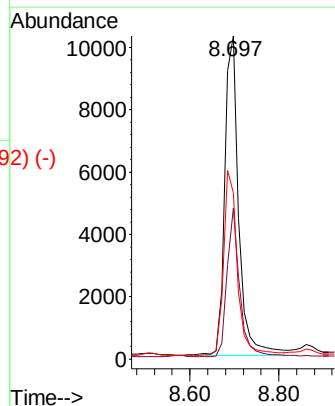
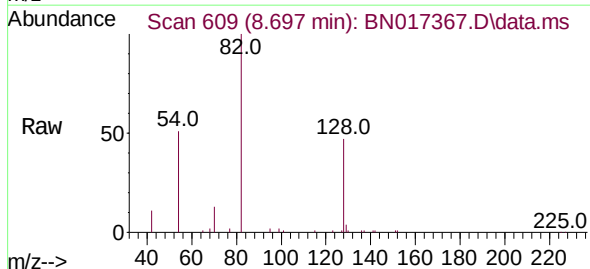
Tgt Ion: 82 Resp: 22430

Ion Ratio Lower Upper

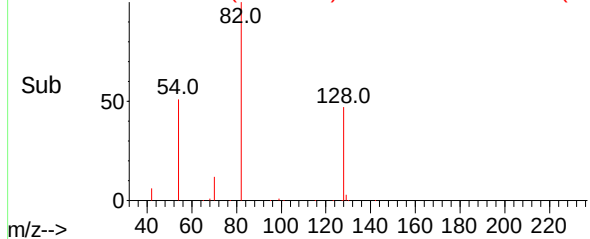
82 100

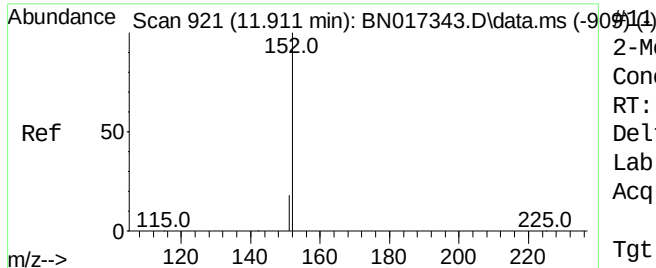
128 46.7 27.7 41.5#

54 51.5 49.2 73.8



Abundance Scan 609 (8.697 min): BN017367.D\data.ms (-592) (-)

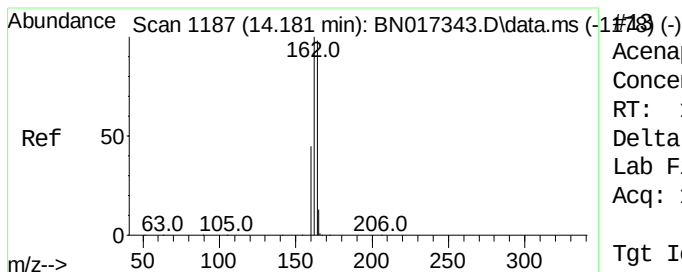
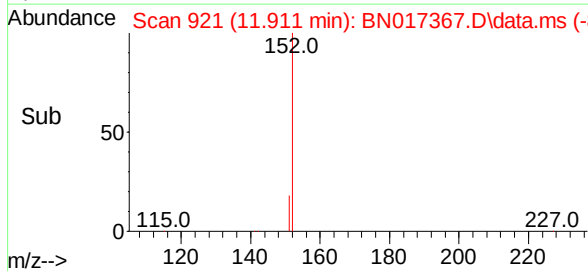
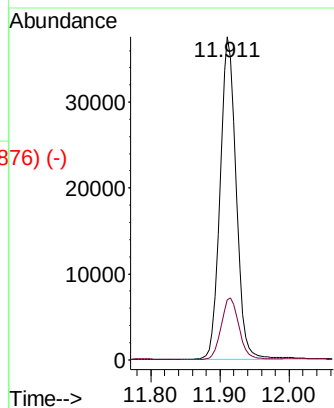
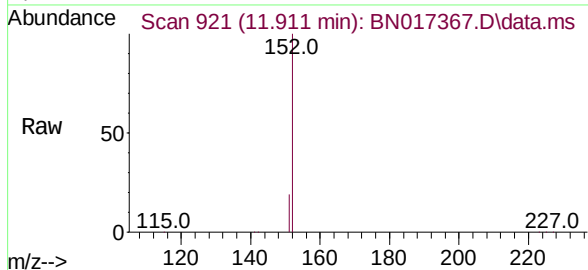




2-Methylnaphthalene-d10
 Concen: 0.318 ng
 RT: 11.911 min Scan# 921
 Delta R.T. -0.000 min
 Lab File: BN017367.D
 Acq: 10 Nov 2021 03:01

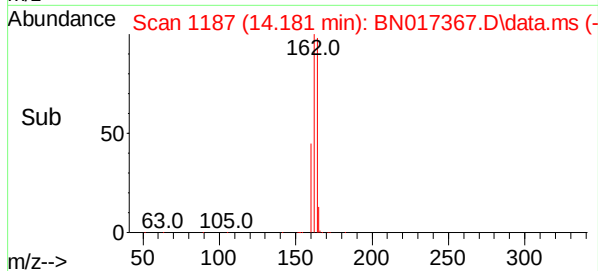
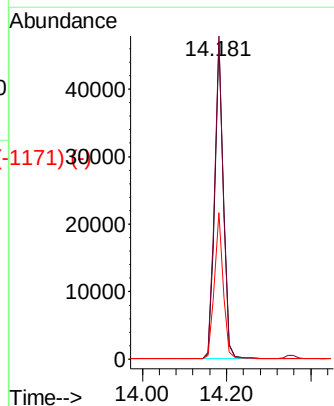
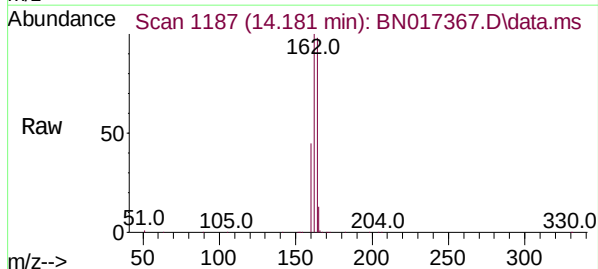
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-518-520

Tgt Ion:152 Resp: 60529
 Ion Ratio Lower Upper
 152 100
 151 21.2 16.2 24.4



Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.181 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BN017367.D
 Acq: 10 Nov 2021 03:01

Tgt Ion:164 Resp: 67560
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.4 122.2
 160 46.2 36.8 55.2



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

2,4,6-Tribromophenol

Concen: 0.295 ng

RT: 15.678 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BN017367.D

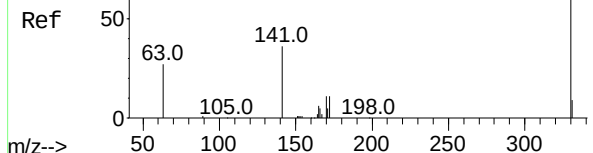
Acq: 10 Nov 2021 03:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-518-520



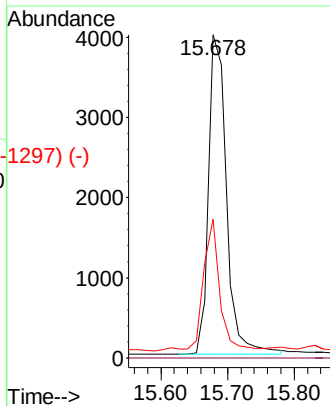
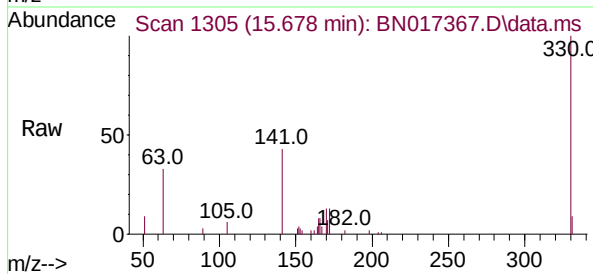
Tgt Ion:330 Resp: 7444

Ion Ratio Lower Upper

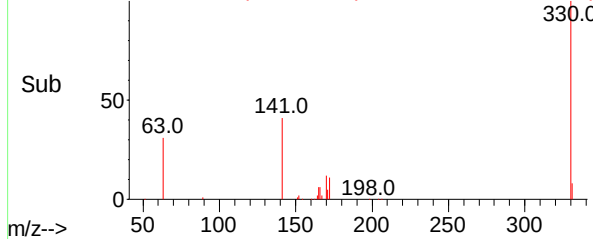
330 100

332 0.0 0.0 0.0

141 36.4 28.9 43.3



Abundance Scan 1305 (15.678 min): BN017367.D\data.ms (-1297) (-)



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

2-Fluorobiphenyl

Concen: 0.320 ng

RT: 12.811 min Scan# 1079

Delta R.T. 0.012 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

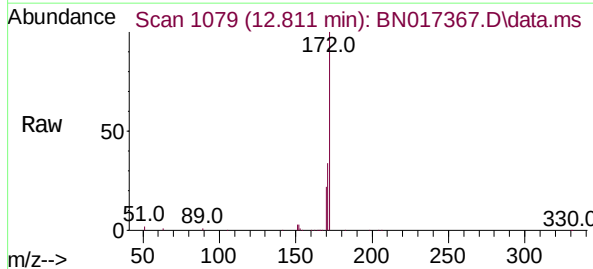
Tgt Ion:172 Resp: 82343

Ion Ratio Lower Upper

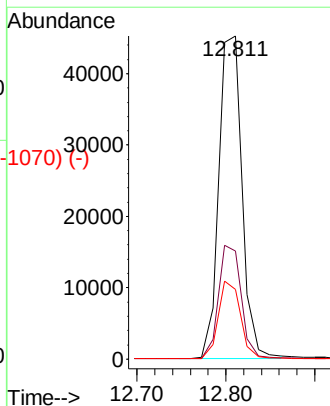
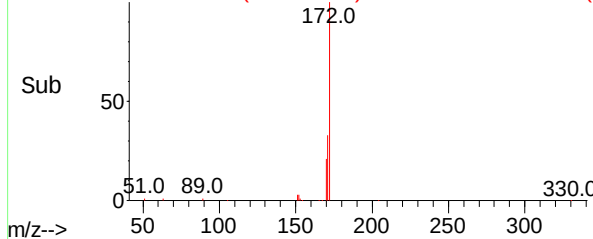
172 100

171 33.5 28.7 43.1

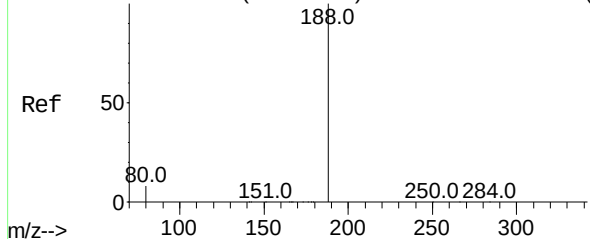
170 21.5 19.4 29.2



Abundance Scan 1079 (12.811 min): BN017367.D\data.ms (-1070) (-)



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: BN017367.D

Acq: 10 Nov 2021 03:01

Instrument :

BNA_N

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BP-VPB-RW9-GW-518-520

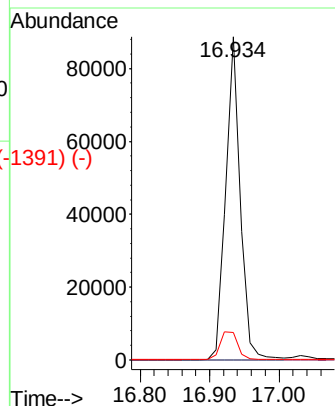
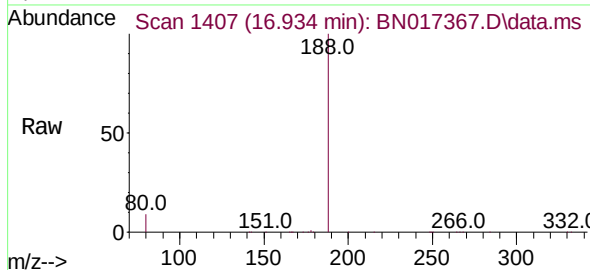
Tgt Ion:188 Resp: 127542

Ion Ratio Lower Upper

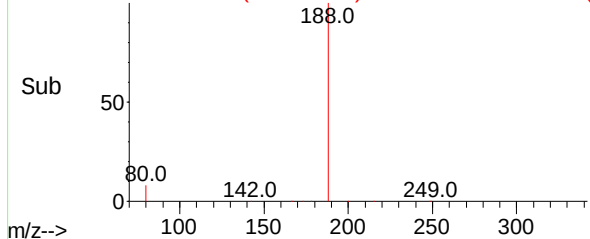
188 100

94 0.0 0.0 0.0

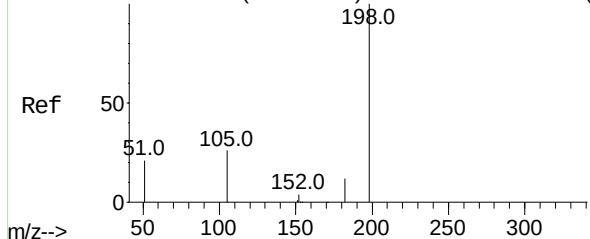
80 8.6 6.1 9.1



Abundance Scan 1407 (16.934 min): BN017367.D\data.ms (-1391) (-)



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



4,6-Dinitro-2-methylphenol

Concen: 0.190 ng

RT: 15.348 min Scan# 1279

Delta R.T. 0.012 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

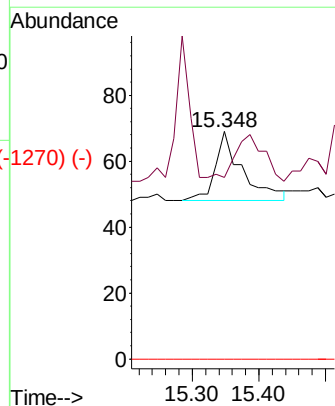
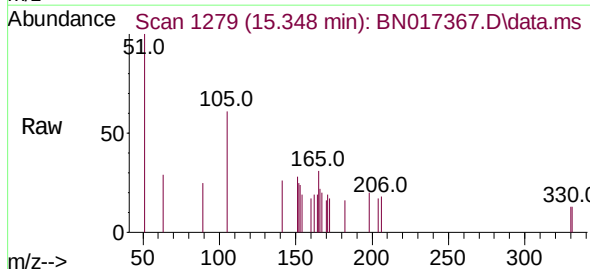
Tgt Ion:198 Resp: 59

Ion Ratio Lower Upper

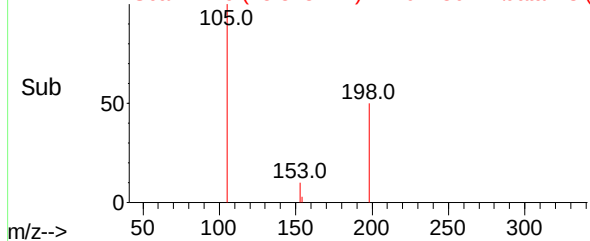
198 100

182 79.7 11.4 17.2#

77 0.0 0.0 0.0



Abundance Scan 1279 (15.348 min): BN017367.D\data.ms (-1270) (-)



Abundance Scan 1379 (16.593 min): BN017343.D\data.ms (-1374) (-)

Pentachlorophenol

Concen: 0.251 ng

RT: 16.593 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BN017367.D

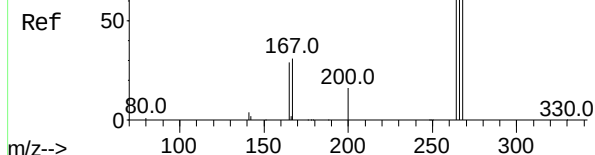
Acq: 10 Nov 2021 03:01

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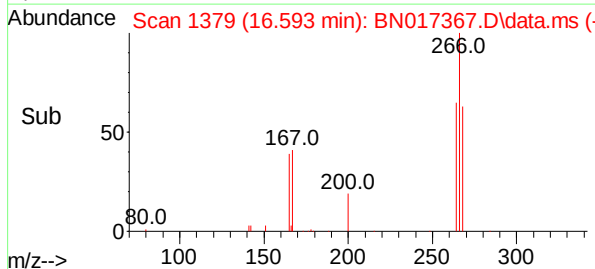
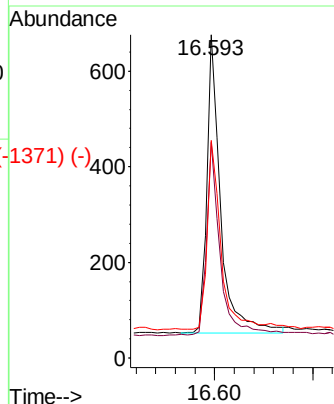
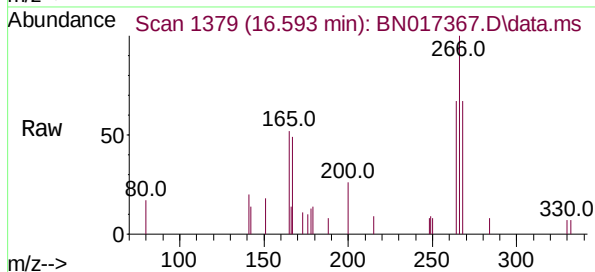
Tgt Ion:266 Resp: 1224

Ion Ratio Lower Upper

266 100

264 63.3 49.8 74.8

268 63.8 51.3 76.9



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: BN017367.D

Acq: 10 Nov 2021 03:01

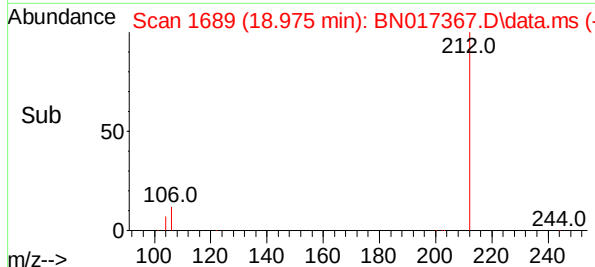
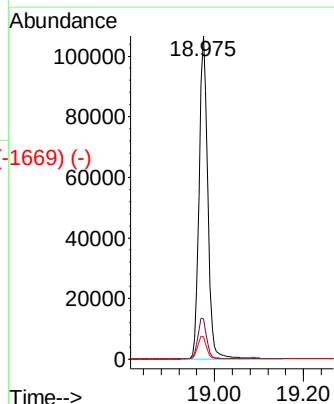
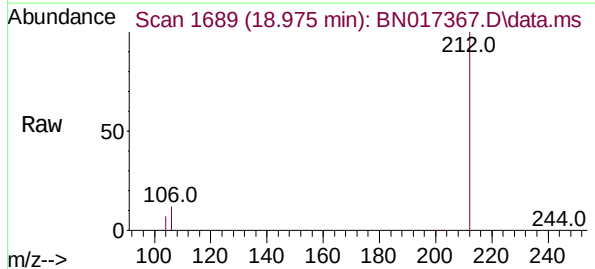
Tgt Ion:212 Resp: 142260

Ion Ratio Lower Upper

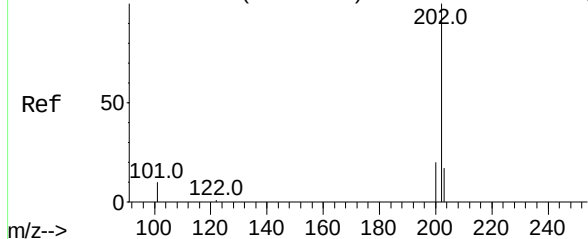
212 100

106 13.0 10.5 15.7

104 7.2 5.8 8.6



Abundance Scan 1695 (19.005 min): BN017343.D\data.ms (-1628)



Fluoranthene

Concen: 0.024 ng

RT: 19.005 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-518-520

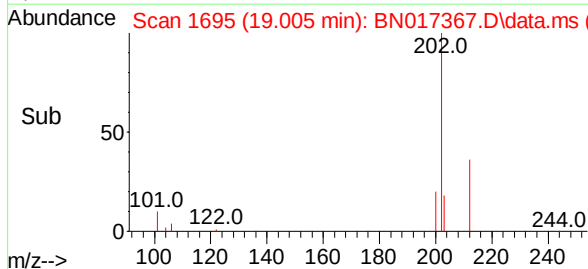
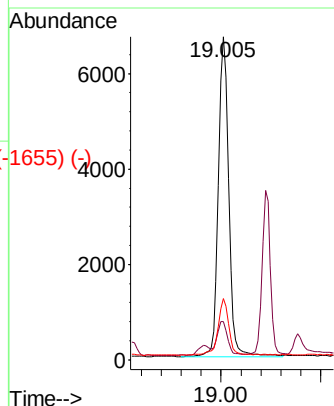
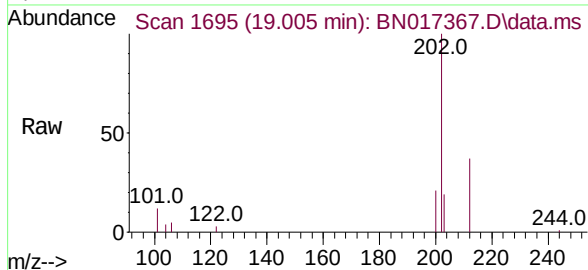
Tgt Ion:202 Resp: 9634

Ion Ratio Lower Upper

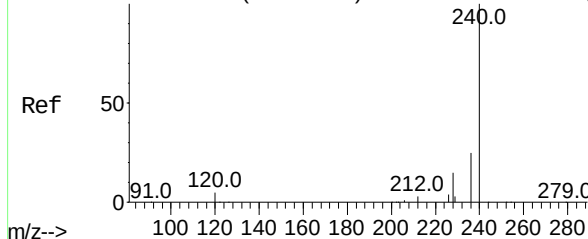
202 100

101 9.9 8.9 13.3

203 18.1 13.8 20.6



Abundance Scan 2004 (21.144 min): BN017343.D\data.ms (-1928)



Chrysene-d12

Concen: 0.400 ng

RT: 21.133 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

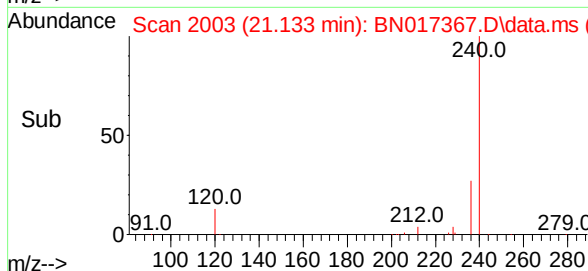
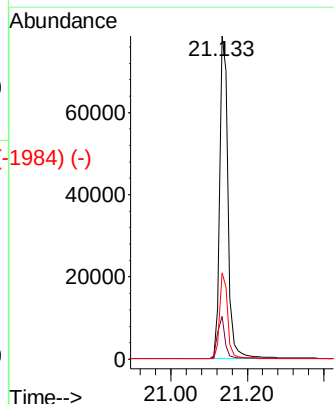
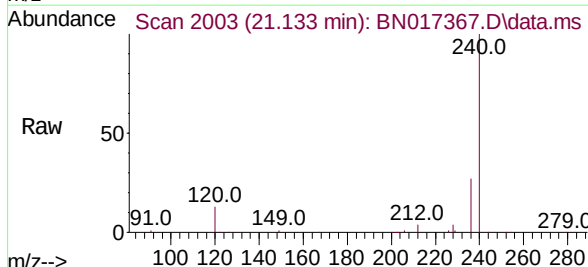
Tgt Ion:240 Resp: 119428

Ion Ratio Lower Upper

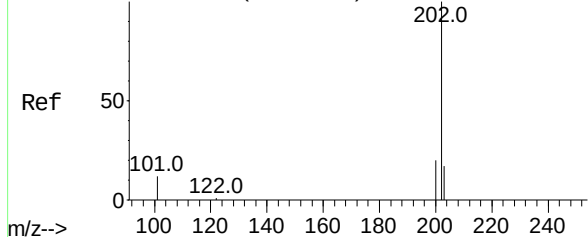
240 100

120 13.3 4.2 6.2#

236 26.7 20.0 30.0



Abundance Scan 1768 (19.367 min): BN017343.D\data.ms (-1738) (-)



Pyrene

Concen: 0.023 ng

RT: 19.367 min Scan# 1768

Delta R.T. -0.000 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-518-520

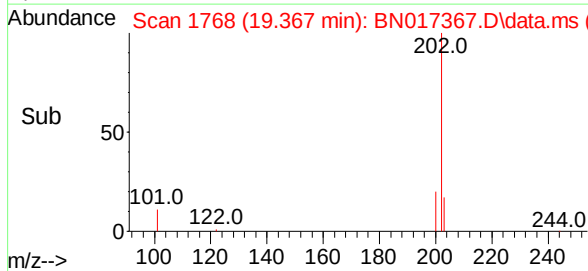
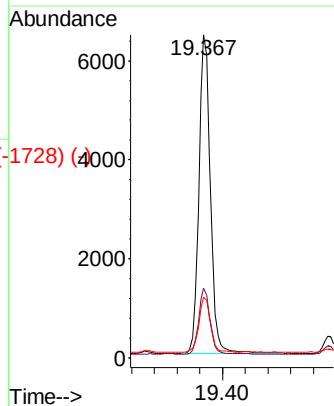
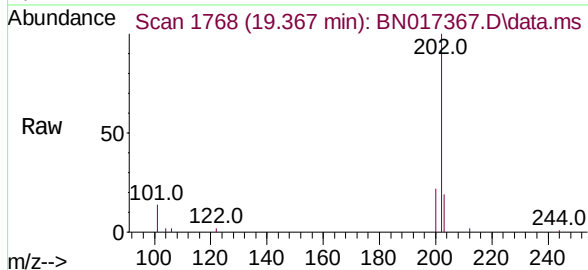
Tgt Ion:202 Resp: 9051

Ion Ratio Lower Upper

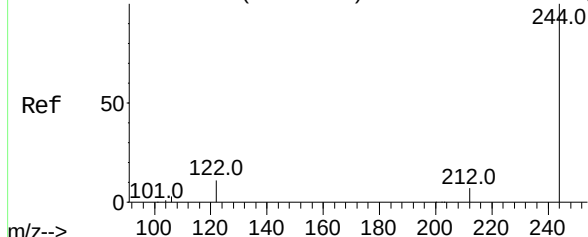
202 100

200 20.3 16.5 24.7

203 17.8 14.0 21.0



Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1801) (-)



Terphenyl-d14

Concen: 0.483 ng

RT: 19.590 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

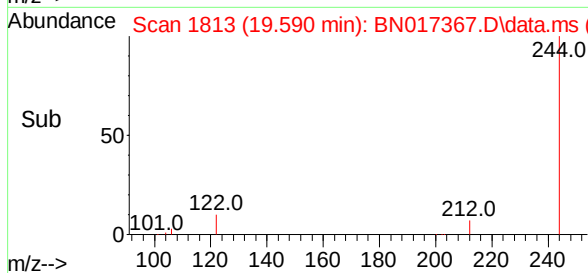
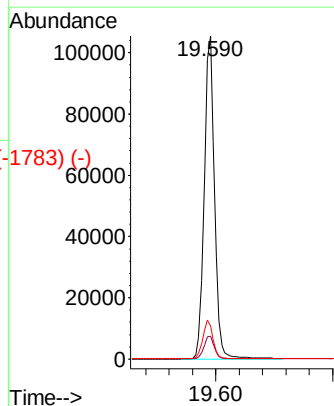
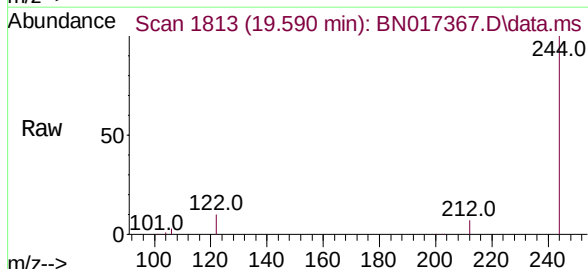
Tgt Ion:244 Resp: 128449

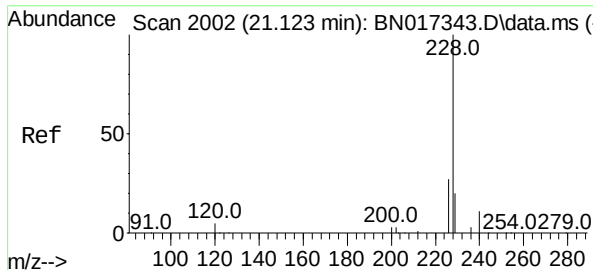
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.3 8.6 13.0

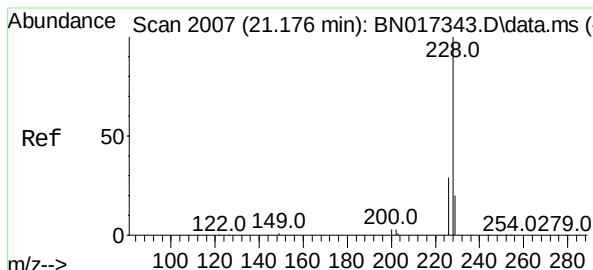
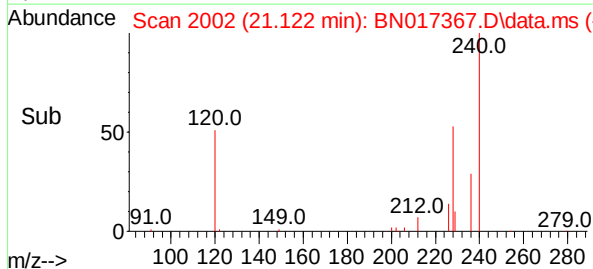
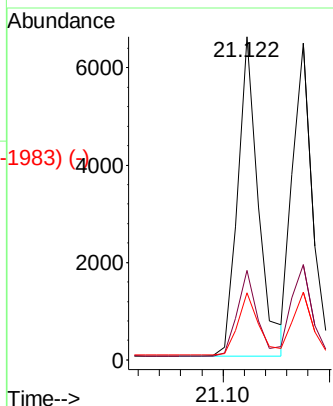
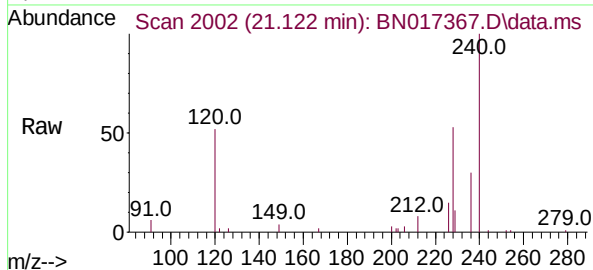




Benzo(a)anthracene
 Concen: 0.024 ng
 RT: 21.122 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: BN017367.D
 Acq: 10 Nov 2021 03:01

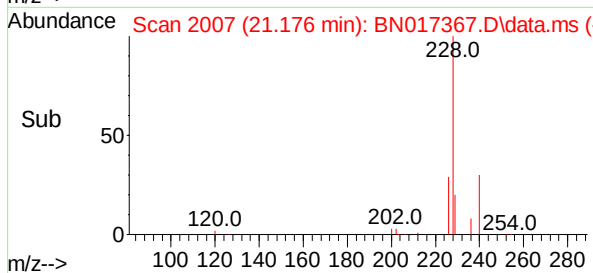
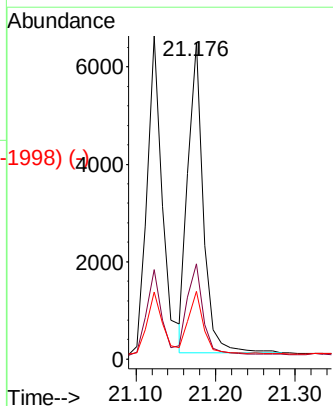
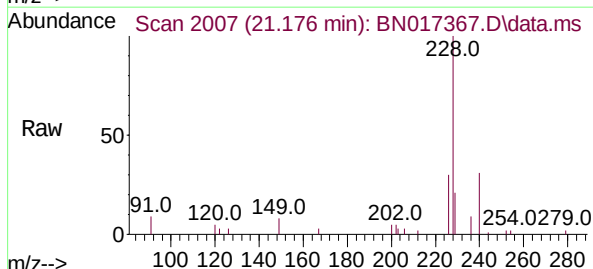
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-518-520

Tgt Ion:	228	Resp:	8828
Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.3	31.9
229	20.8	15.7	23.5



Chrysene
 Concen: 0.022 ng
 RT: 21.176 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: BN017367.D
 Acq: 10 Nov 2021 03:01

Tgt Ion:	228	Resp:	8460
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	21.4	15.6	23.4



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

Bis(2-ethylhexyl)phthalate

Concen: 0.369 ng

RT: 21.080 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BN017367.D

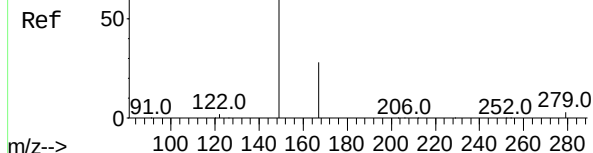
Acq: 10 Nov 2021 03:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-518-520



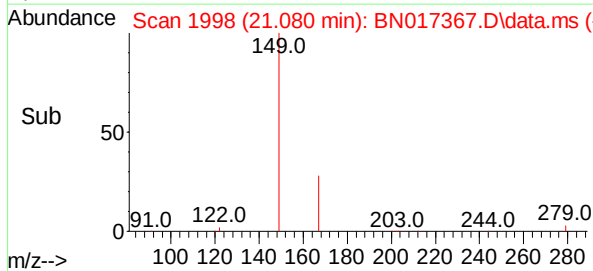
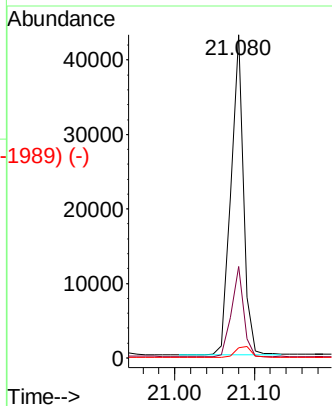
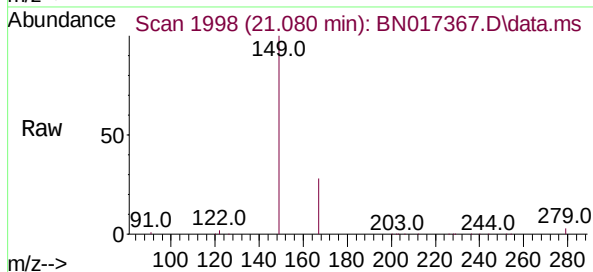
Tgt Ion:149 Resp: 47126

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.6

279 4.1 3.4 5.0



Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2325) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.332 min Scan# 2393

Delta R.T. -0.004 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

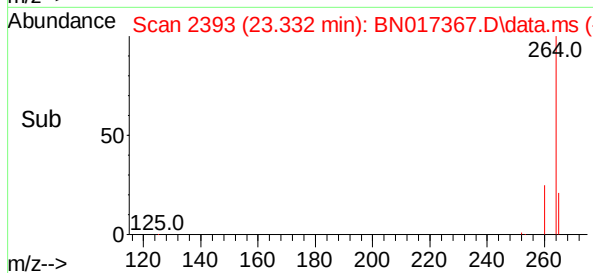
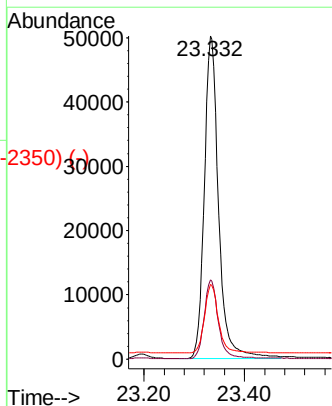
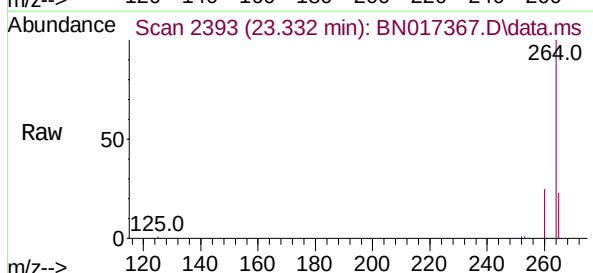
Tgt Ion:264 Resp: 99245

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 23.1 18.6 28.0



Abundance Scan 2202 (22.678 min): BN017343.D\data.ms (-2187) (-)

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 22.678 min Scan# 2187

Delta R.T. 0.003 min

Lab File: BN017367.D

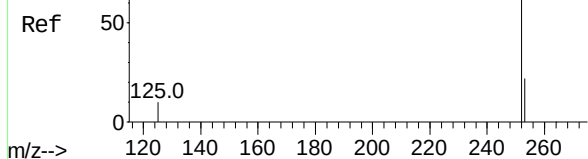
Acq: 10 Nov 2021 03:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-518-520



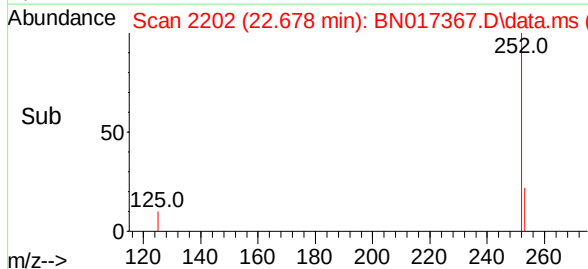
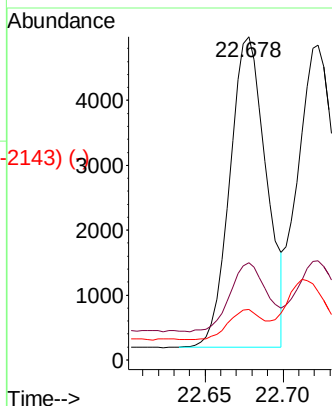
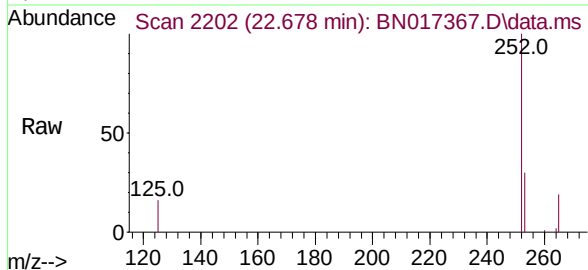
Tgt Ion:252 Resp: 7795

Ion Ratio Lower Upper

252 100

253 30.1 17.7 26.5#

125 15.7 7.8 11.8#



Abundance Scan 2214 (22.719 min): BN017343.D\data.ms (-2198) (-)

Benzo(k)fluoranthene

Concen: 0.023 ng

RT: 22.722 min Scan# 2215

Delta R.T. 0.003 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01

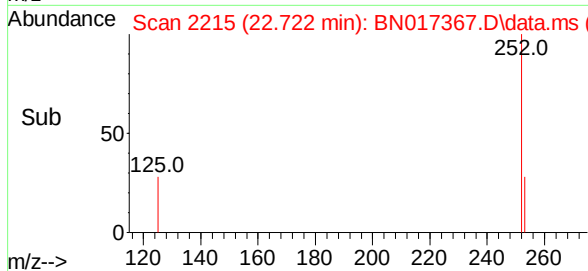
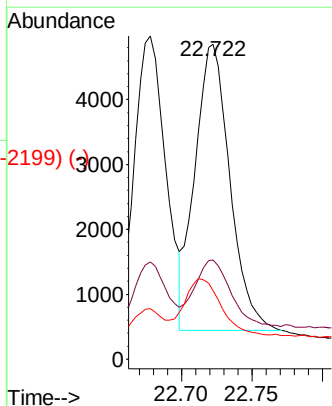
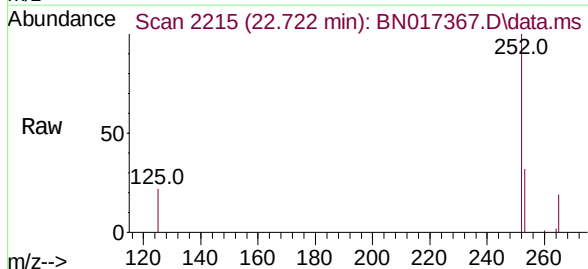
Tgt Ion:252 Resp: 7577

Ion Ratio Lower Upper

252 100

253 31.6 17.7 26.5#

125 21.8 8.2 12.2#



Abundance Scan 2365 (23.236 min): BN017343.D\data.ms (-2307) (-)

Benzo(a)pyrene

Concen: 0.022 ng

RT: 23.239 min Scan# 2365

Delta R.T. 0.003 min

Lab File: BN017367.D

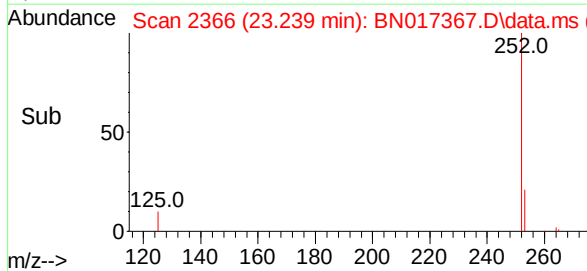
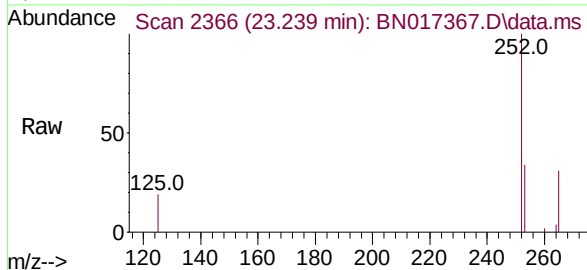
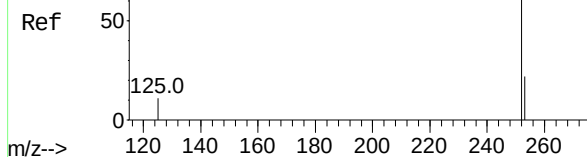
Acq: 10 Nov 2021 03:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-518-520



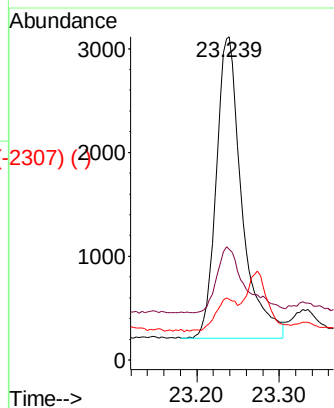
Tgt Ion:252 Resp: 6248

Ion Ratio Lower Upper

252 100

253 34.3 17.9 26.9#

125 18.9 9.2 13.8#



Abundance Scan 3235 (26.214 min): BN017343.D\data.ms (-3207) (-)

Benzo(g,h,i)perylene

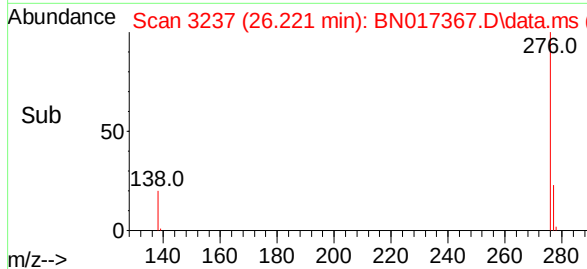
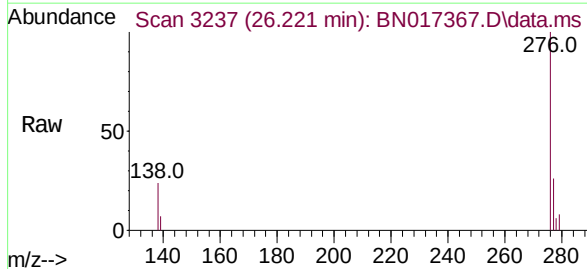
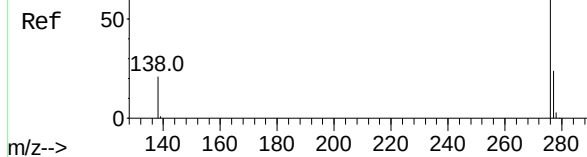
Concen: 0.020 ng

RT: 26.221 min Scan# 3237

Delta R.T. 0.003 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01



Tgt Ion:276 Resp: 6056

Ion Ratio Lower Upper

276 100

277 26.5 19.0 28.4

138 24.3 17.1 25.7

