

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017846.D
 Acq On : 09 Dec 2021 22:06
 Operator : CG/JU
 Sample : M4922-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20211130

Quant Time: Dec 10 06:49:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

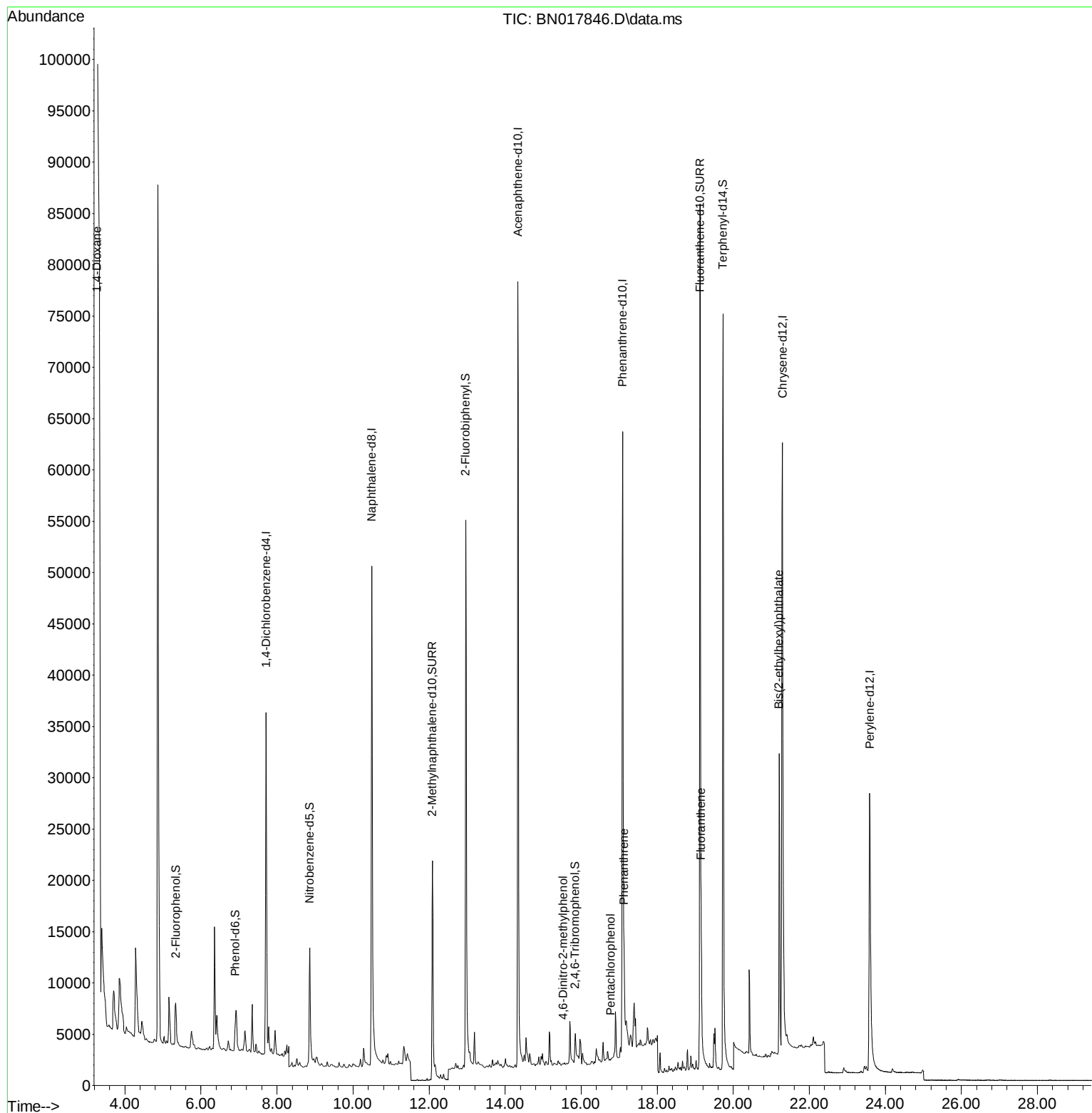
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	20532	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	80028	0.40	ng	0.00
13) Acenaphthene-d10	14.334	164	55101	0.40	ng	-0.01
19) Phenanthrene-d10	17.092	188	110392	0.40	ng	0.00
29) Chrysene-d12	21.293	240	91691	0.40	ng	# 0.00
35) Perylene-d12	23.589	264	54615	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	5108	0.10	ng	0.00
5) Phenol-d6	6.903	99	2789	0.06	ng	0.00
8) Nitrobenzene-d5	8.859	82	13178	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	37271	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3697	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	57383	0.28	ng	0.00
27) Fluoranthene-d10	19.129	212	125195	0.34	ng	0.00
31) Terphenyl-d14	19.730	244	99849	0.51	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	4720	0.62	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.527	198	9	0.09	ng	# 1
24) Pentachlorophenol	16.776	266	32	0.28	ng	# 63
25) Phenanthrene	17.129	178	7732	0.03	ng	# 95
28) Fluoranthene	19.154	202	7505	0.02	ng	99
34) Bis(2-ethylhexyl)phtha...	21.208	149	30148	0.24	ng	99

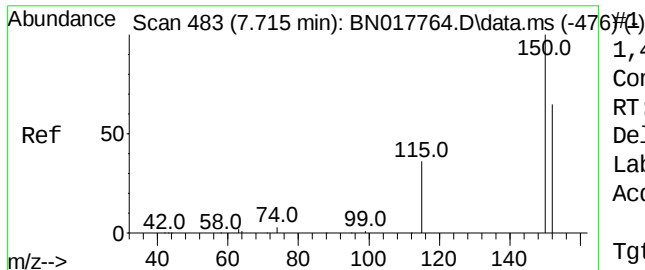
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.714 min Scan# 4

Delta R.T. -0.001 min

Lab File: BN017846.D

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RE103D3-20211130

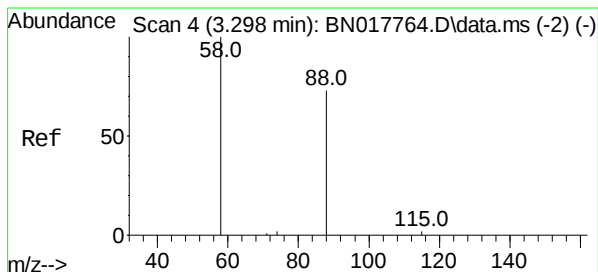
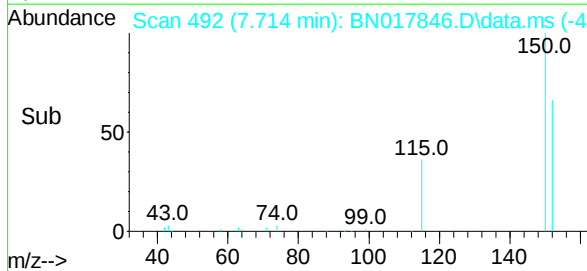
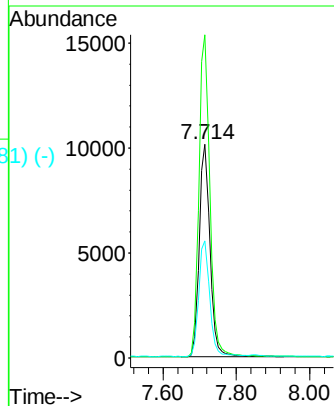
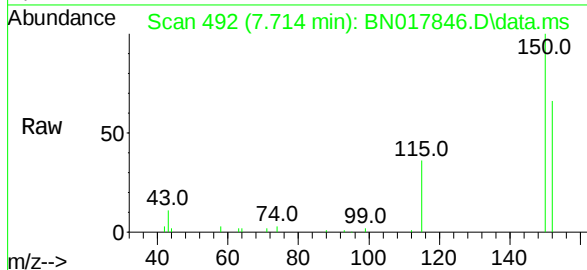
Tgt Ion:152 Resp: 20532

Ion Ratio Lower Upper

152 100

150 151.1 123.0 184.4

115 54.9 45.3 67.9



#2

1,4-Dioxane

Concen: 0.62 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017846.D

Acq: 09 Dec 2021 22:06

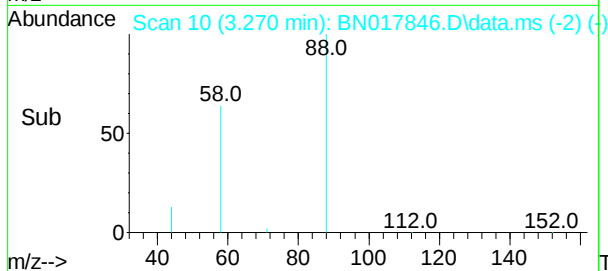
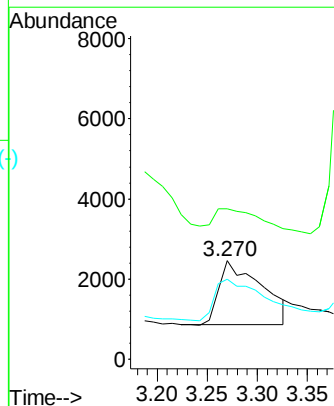
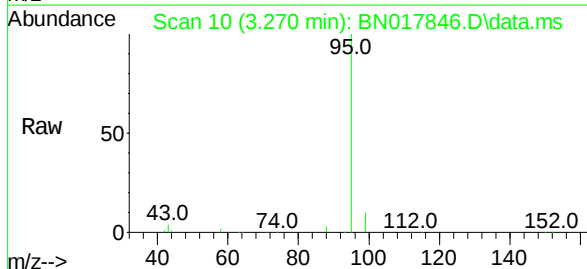
Tgt Ion: 88 Resp: 4720

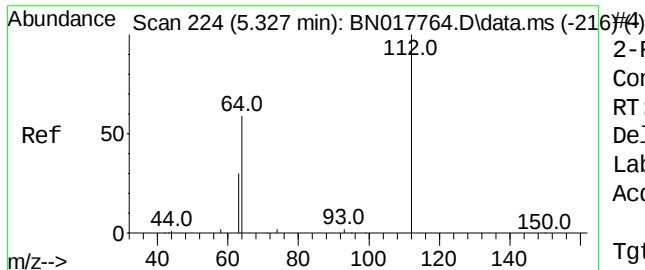
Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 69.2 0.0 0.0#





2-Fluorophenol

Concen: 0.10 ng

RT: 5.335 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017846.D

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RE103D3-20211130

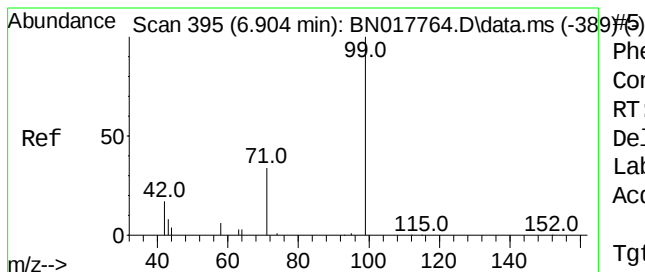
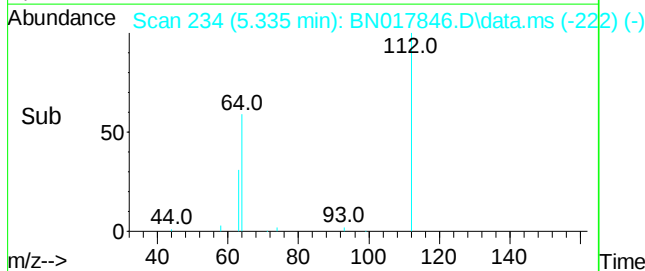
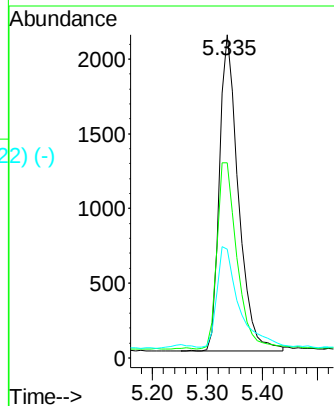
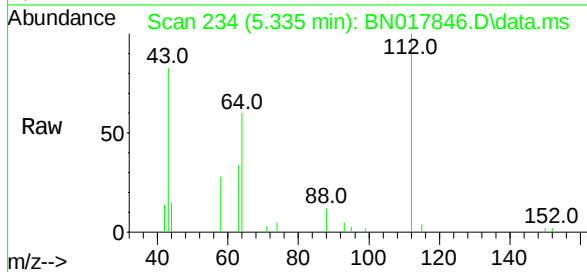
Tgt Ion:112 Resp: 5108

Ion Ratio Lower Upper

112 100

64 61.8 49.3 73.9

63 36.5 25.8 38.8



Phenol-d6

Concen: 0.06 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.001 min

Lab File: BN017846.D

Acq: 09 Dec 2021 22:06

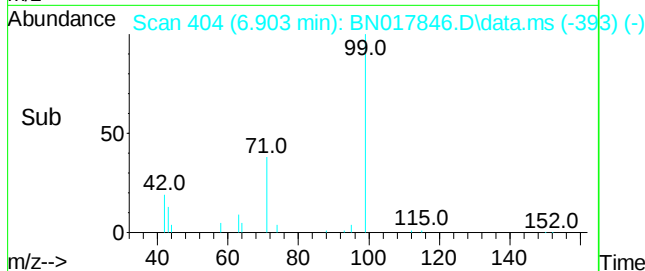
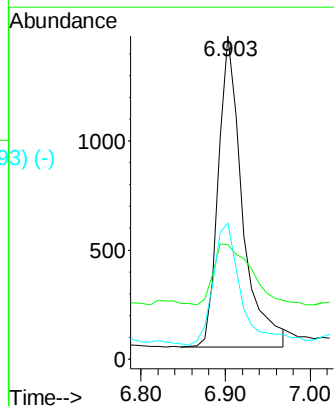
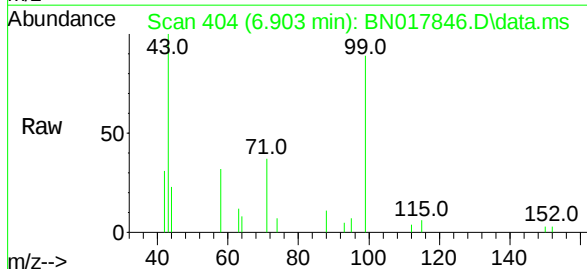
Tgt Ion: 99 Resp: 2789

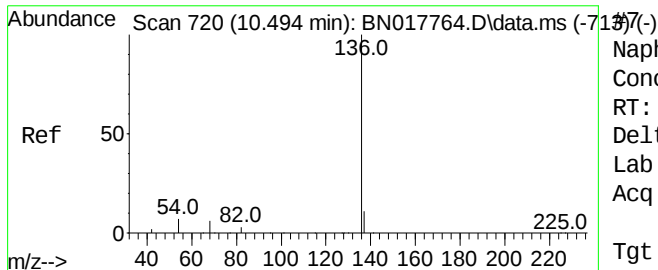
Ion Ratio Lower Upper

99 100

42 30.6 16.6 25.0#

71 45.4 29.0 43.4#





Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan#

Delta R.T. -0.001 min

Lab File: BN017846.D

Acq: 09 Dec 2021 22:06

Instrument :

BNA_N

ClientSampleId :

RE103D3-20211130

Tgt Ion:136 Resp: 80028

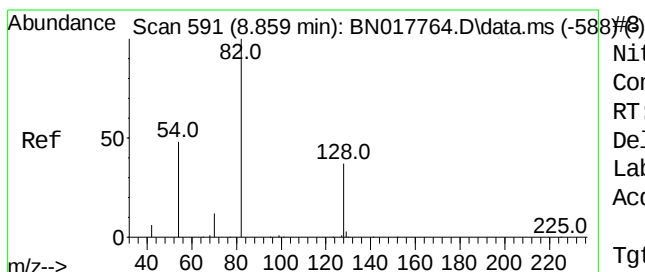
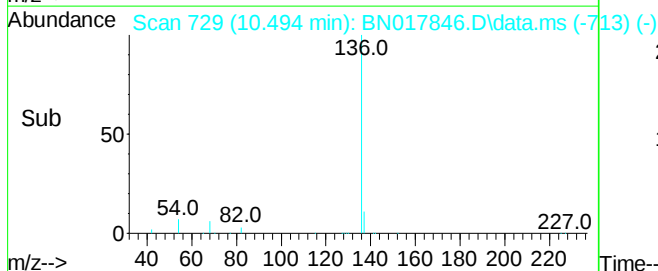
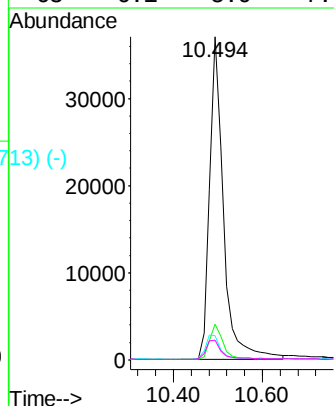
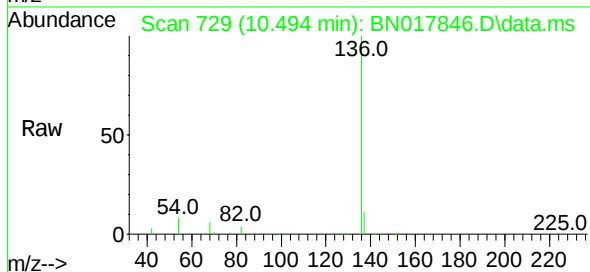
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.5 5.9 8.9

68 6.1 5.0 7.6



Nitrobenzene-d5

Concen: 0.25 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.001 min

Lab File: BN017846.D

Acq: 09 Dec 2021 22:06

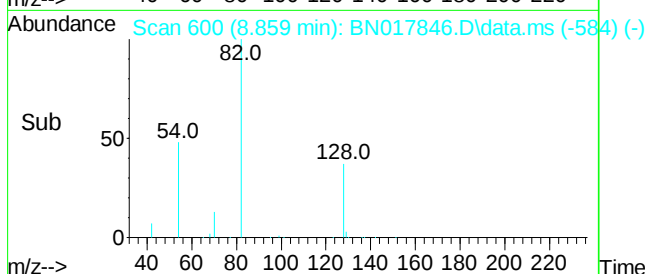
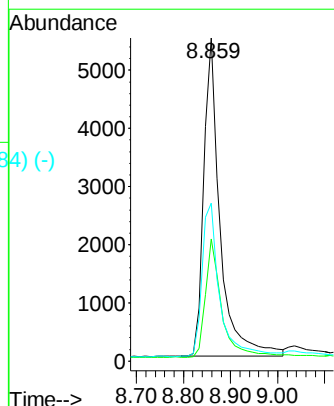
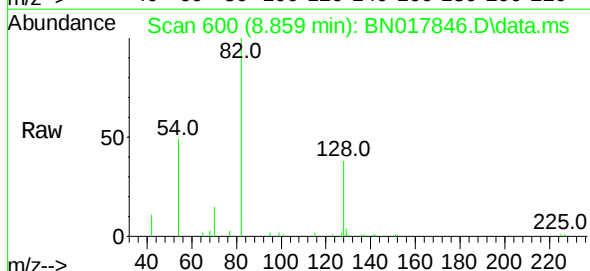
Tgt Ion: 82 Resp: 13178

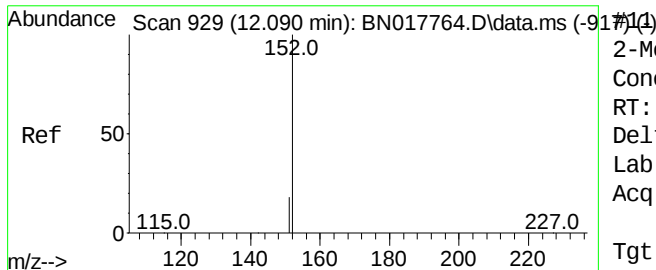
Ion Ratio Lower Upper

82 100

128 37.9 30.2 45.2

54 48.8 39.0 58.6

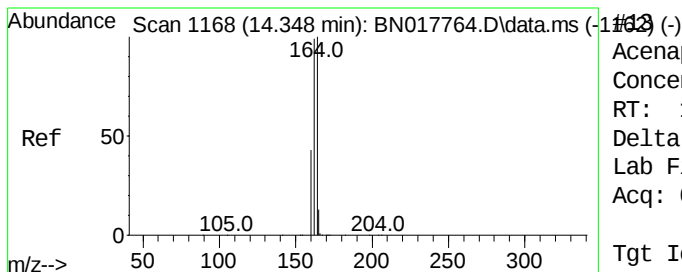
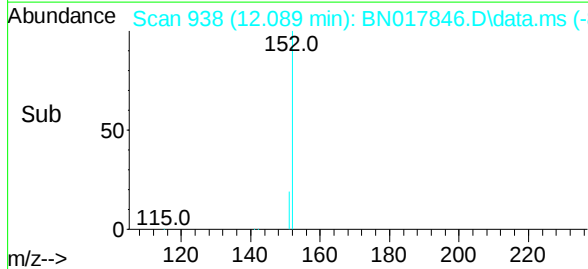
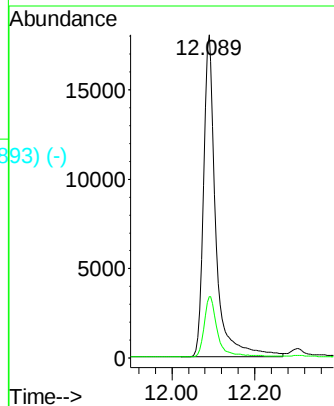
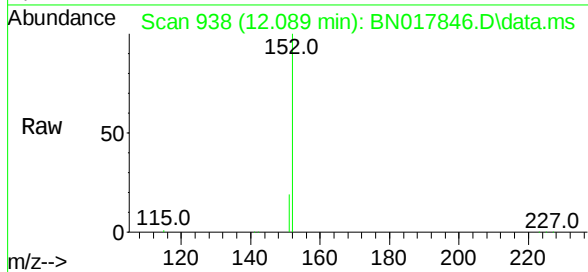




2-Methylnaphthalene-d10
 Concen: 0.23 ng
 RT: 12.089 min Scan# 938
 Delta R.T. -0.001 min
 Lab File: BN017846.D
 Acq: 09 Dec 2021 22:06

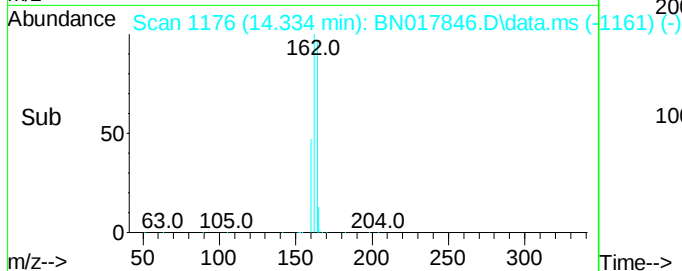
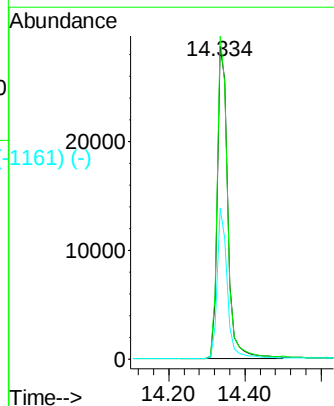
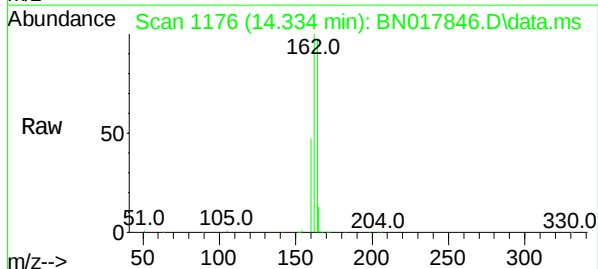
Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20211130

Tgt Ion:152 Resp: 37271
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.4 24.6



Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.334 min Scan# 1176
 Delta R.T. -0.013 min
 Lab File: BN017846.D
 Acq: 09 Dec 2021 22:06

Tgt Ion:164 Resp: 55101
 Ion Ratio Lower Upper
 164 100
 162 103.3 79.0 118.6
 160 48.2 34.6 52.0



Abundance Scan 1286 (15.845 min): BN017764.D\data.ms (-1286) (-)

2,4,6-Tribromophenol

Concen: 0.13 ng

RT: 15.844 min Scan# 1286

Delta R.T. -0.001 min

Lab File: BN017846.D

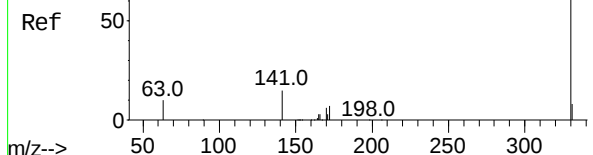
Acq: 09 Dec 2021 22:06

Instrument :

BNA_N

ClientSampleId :

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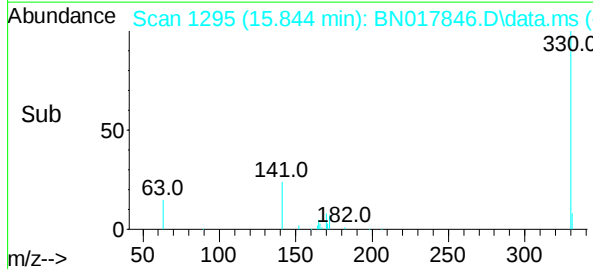
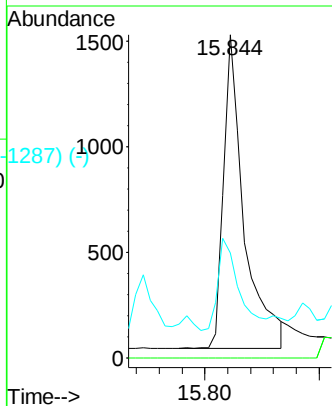
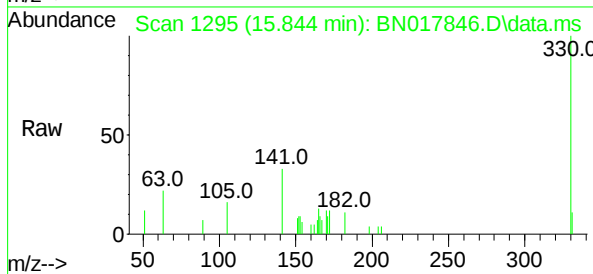
Tgt Ion:330 Resp: 3697

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.3 21.5 32.3



Abundance Scan 1059 (12.965 min): BN017764.D\data.ms (-1059) (-)

2-Fluorobiphenyl

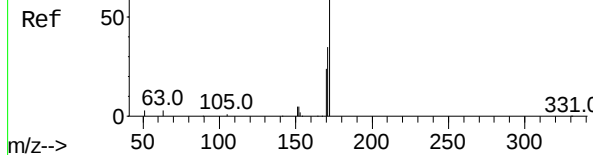
Concen: 0.28 ng

RT: 12.964 min Scan# 1068

Delta R.T. -0.001 min

Lab File: BN017846.D

Acq: 09 Dec 2021 22:06



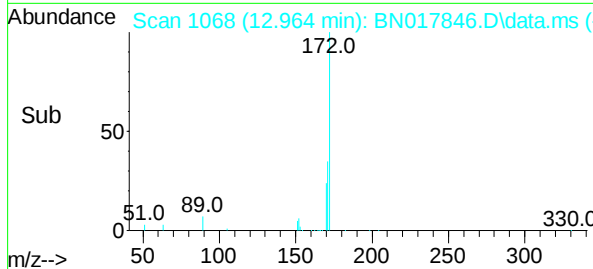
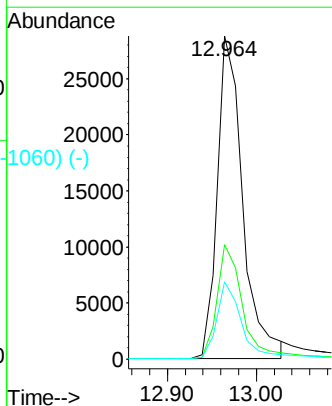
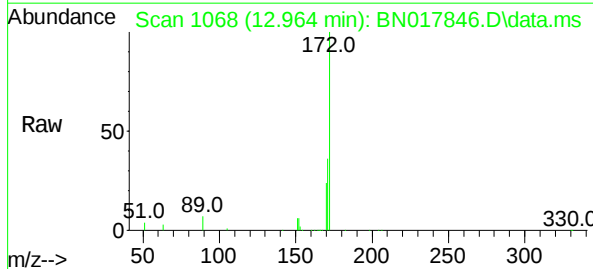
Tgt Ion:172 Resp: 57383

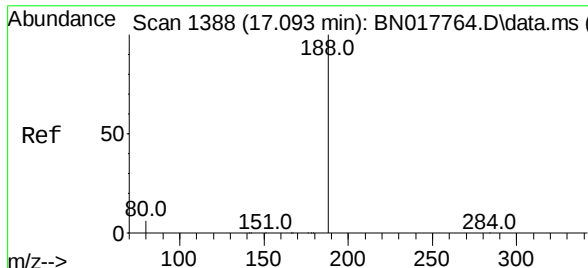
Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 24.0 18.9 28.3

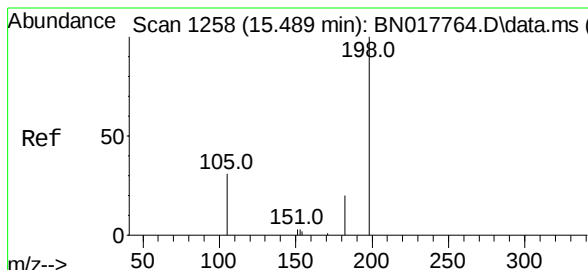
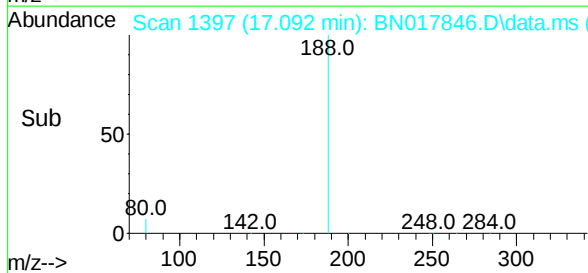
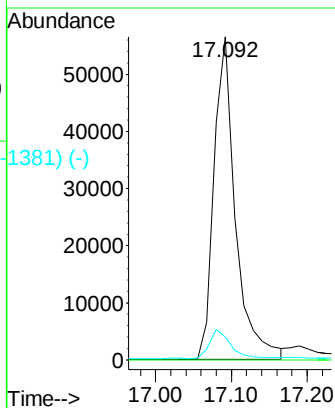
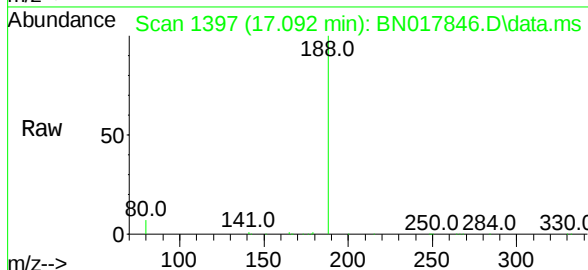




Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.092 min Scan# 1388
 Delta R.T. -0.001 min
 Lab File: BN017846.D
 Acq: 09 Dec 2021 22:06

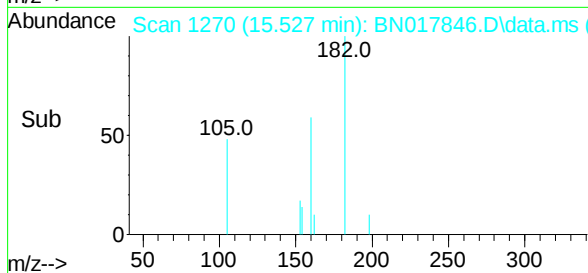
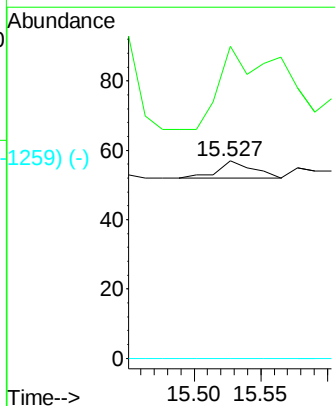
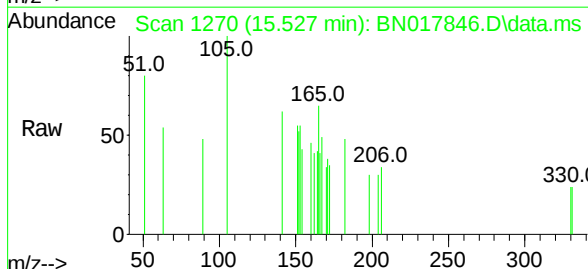
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Tgt Ion:	188	Resp:	110392
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.1	5.1	7.7



4,6-Dinitro-2-methylphenol
 Concen: 0.09 ng
 RT: 15.527 min Scan# 1270
 Delta R.T. 0.038 min
 Lab File: BN017846.D
 Acq: 09 Dec 2021 22:06

Tgt Ion:	198	Resp:	9
Ion Ratio	Lower	Upper	
198	100		
182	157.9	44.2	66.2#
77	0.0	0.0	0.0



Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1324) (-)

Pentachlorophenol

Concen: 0.28 ng

RT: 16.776 min Scan# 1324

Delta R.T. 0.012 min

Lab File: BN017846.D

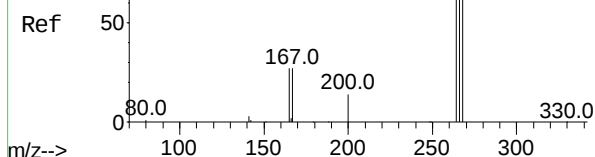
Acq: 09 Dec 2021 22:06

Instrument :

BNA_N

ClientSampleId :

RE103D3-20211130



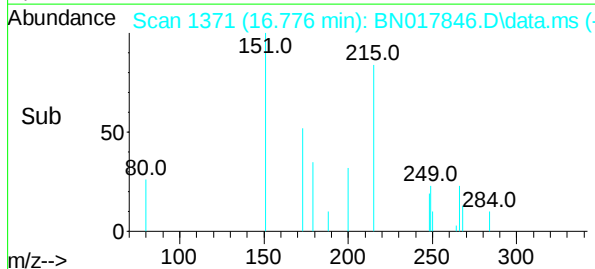
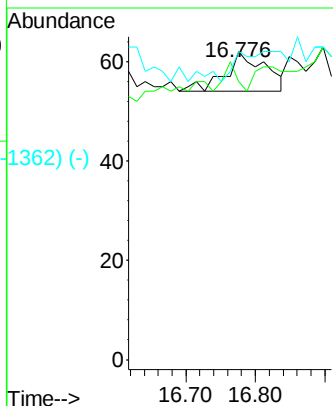
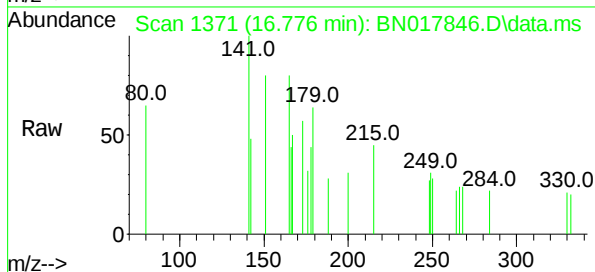
Tgt Ion:266 Resp: 32

Ion Ratio Lower Upper

266 100

264 31.3 50.8 76.2#

268 90.6 51.8 77.6#



Abundance Scan 1391 (17.129 min): BN017764.D\data.ms (-1325) (-)

Phenanthrene

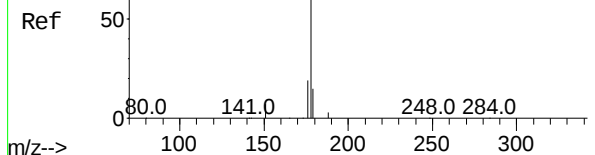
Concen: 0.03 ng

RT: 17.129 min Scan# 1400

Delta R.T. -0.001 min

Lab File: BN017846.D

Acq: 09 Dec 2021 22:06



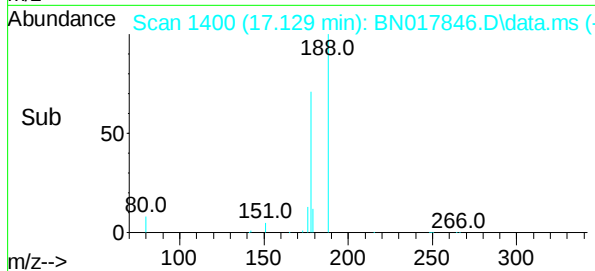
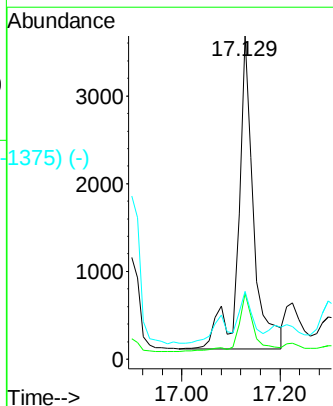
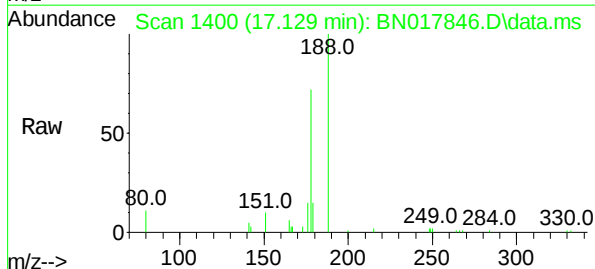
Tgt Ion:178 Resp: 7732

Ion Ratio Lower Upper

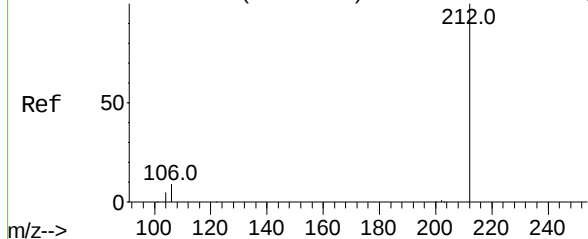
178 100

176 19.0 15.0 22.6

179 11.4 12.5 18.7#



Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)



Fluoranthene-d10

Concen: 0.34 ng

RT: 19.129 min Scan#

Delta R.T. -0.001 min

Lab File: BN017846.D

Acq: 09 Dec 2021 22:06

Instrument :

BNA_N

ClientSampleId :

RE103D3-20211130

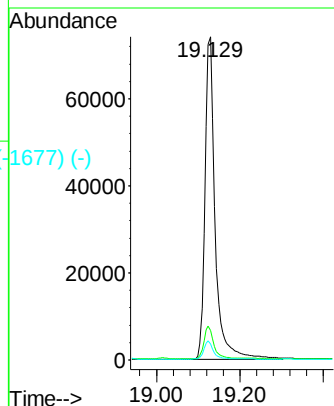
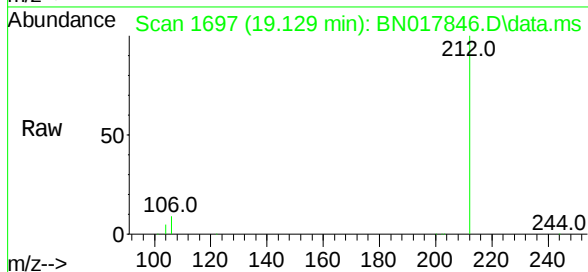
Tgt Ion:212 Resp: 125195

Ion Ratio Lower Upper

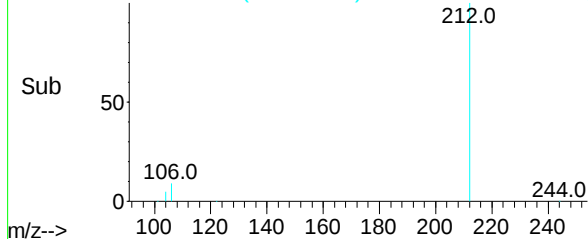
212 100

106 9.7 8.2 12.2

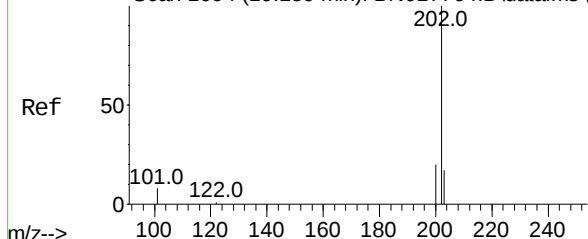
104 5.5 4.6 6.8



Abundance Scan 1697 (19.129 min): BN017846.D\data.ms (-1677) (-)



Abundance Scan 1694 (19.159 min): BN017764.D\data.ms (-1623) (-)



Fluoranthene

Concen: 0.02 ng

RT: 19.154 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BN017846.D

Acq: 09 Dec 2021 22:06

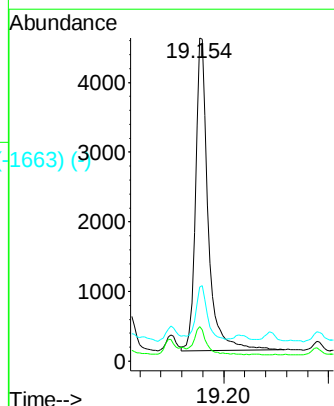
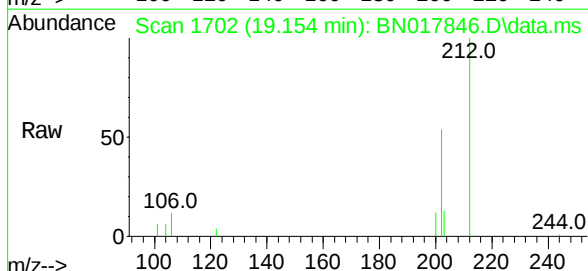
Tgt Ion:202 Resp: 7505

Ion Ratio Lower Upper

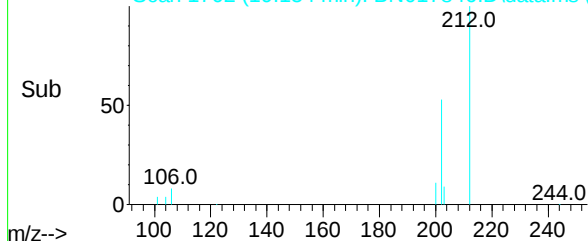
202 100

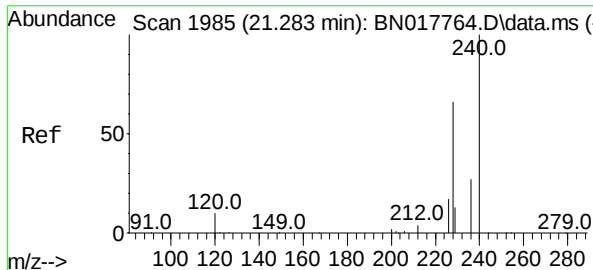
101 9.2 7.2 10.8

203 16.6 13.7 20.5



Abundance Scan 1702 (19.154 min): BN017846.D\data.ms (-1663) (-)

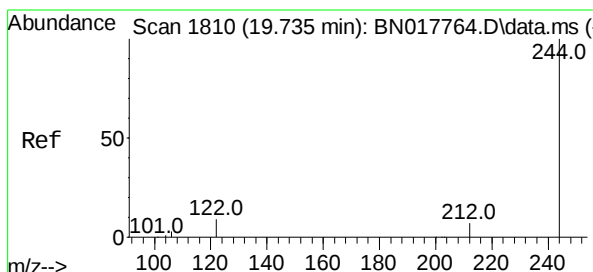
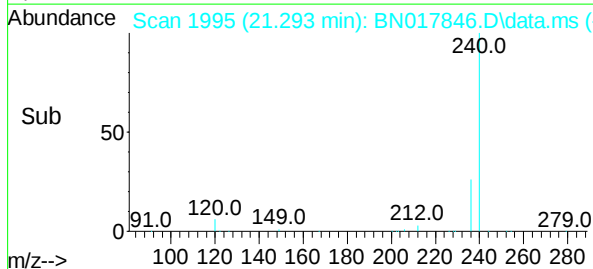
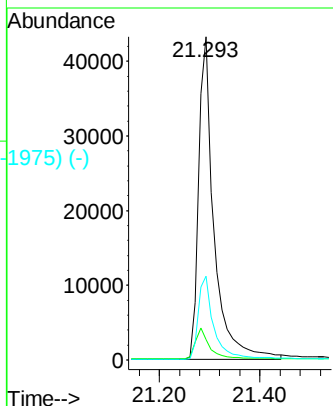
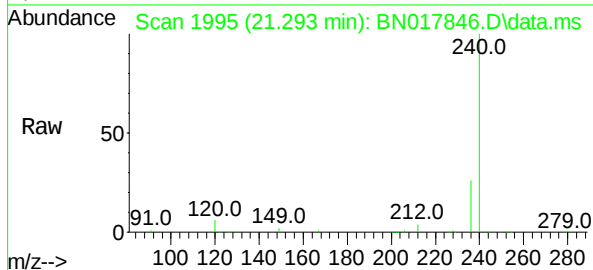




Chrysene-d12
 Concen: 0.40 ng
 RT: 21.293 min Scan# 1985
 Delta R.T. 0.010 min
 Lab File: BN017846.D
 Acq: 09 Dec 2021 22:06

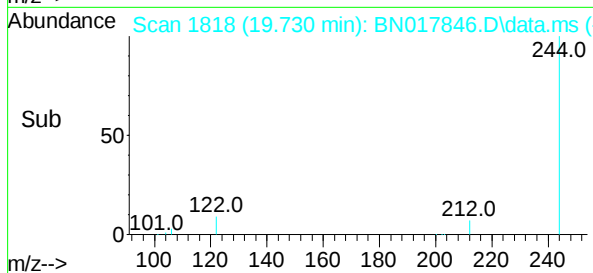
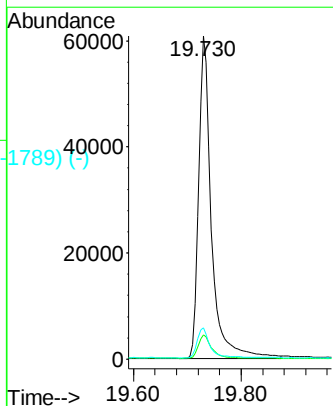
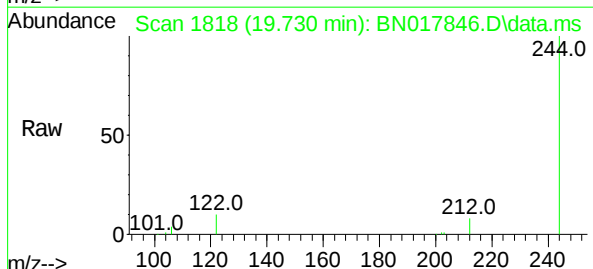
Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20211130

Tgt Ion:	240	Resp:	91691
Ion	Ratio	Lower	Upper
240	100		
120	6.2	7.9	11.9#
236	25.9	21.4	32.2



Terphenyl-d14
 Concen: 0.51 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.006 min
 Lab File: BN017846.D
 Acq: 09 Dec 2021 22:06

Tgt Ion:	244	Resp:	99849
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.7	7.1	10.7



Abundance Scan 1979 (21.219 min): BN017764.D\data.ms (-1979) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.24 ng

RT: 21.208 min Scan# 1987

Delta R.T. -0.011 min

Lab File: BN017846.D

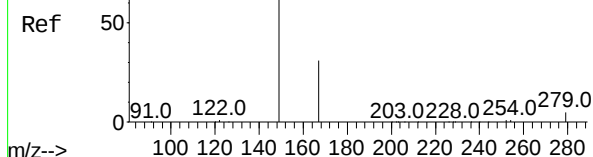
Acq: 09 Dec 2021 22:06

Instrument :

BNA_N

ClientSampleId :

RE103D3-20211130



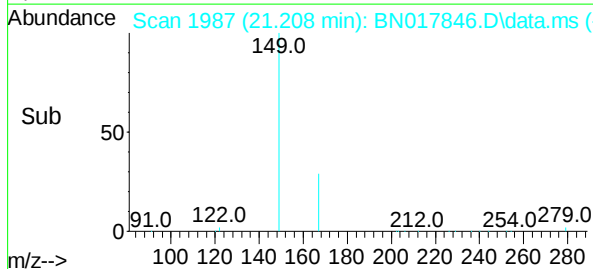
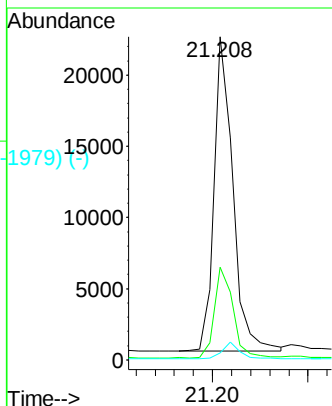
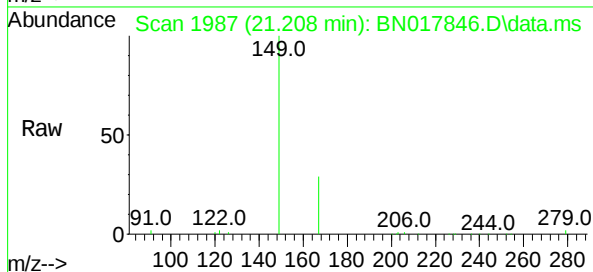
Tgt Ion:149 Resp: 30148

Ion Ratio Lower Upper

149 100

167 28.8 23.5 35.3

279 4.7 3.8 5.6



Abundance Scan 2434 (23.582 min): BN017764.D\data.ms (-2434) (-)

Perylene-d12

Concen: 0.40 ng

RT: 23.589 min Scan# 2445

Delta R.T. 0.006 min

Lab File: BN017846.D

Acq: 09 Dec 2021 22:06

Tgt Ion:264 Resp: 54615

Ion Ratio Lower Upper

264 100

260 25.3 20.0 30.0

265 23.5 20.5 30.7

