

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017837.D
 Acq On : 09 Dec 2021 16:41
 Operator : CG/JU
 Sample : M4924-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20211202

Quant Time: Dec 10 06:47:34 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)

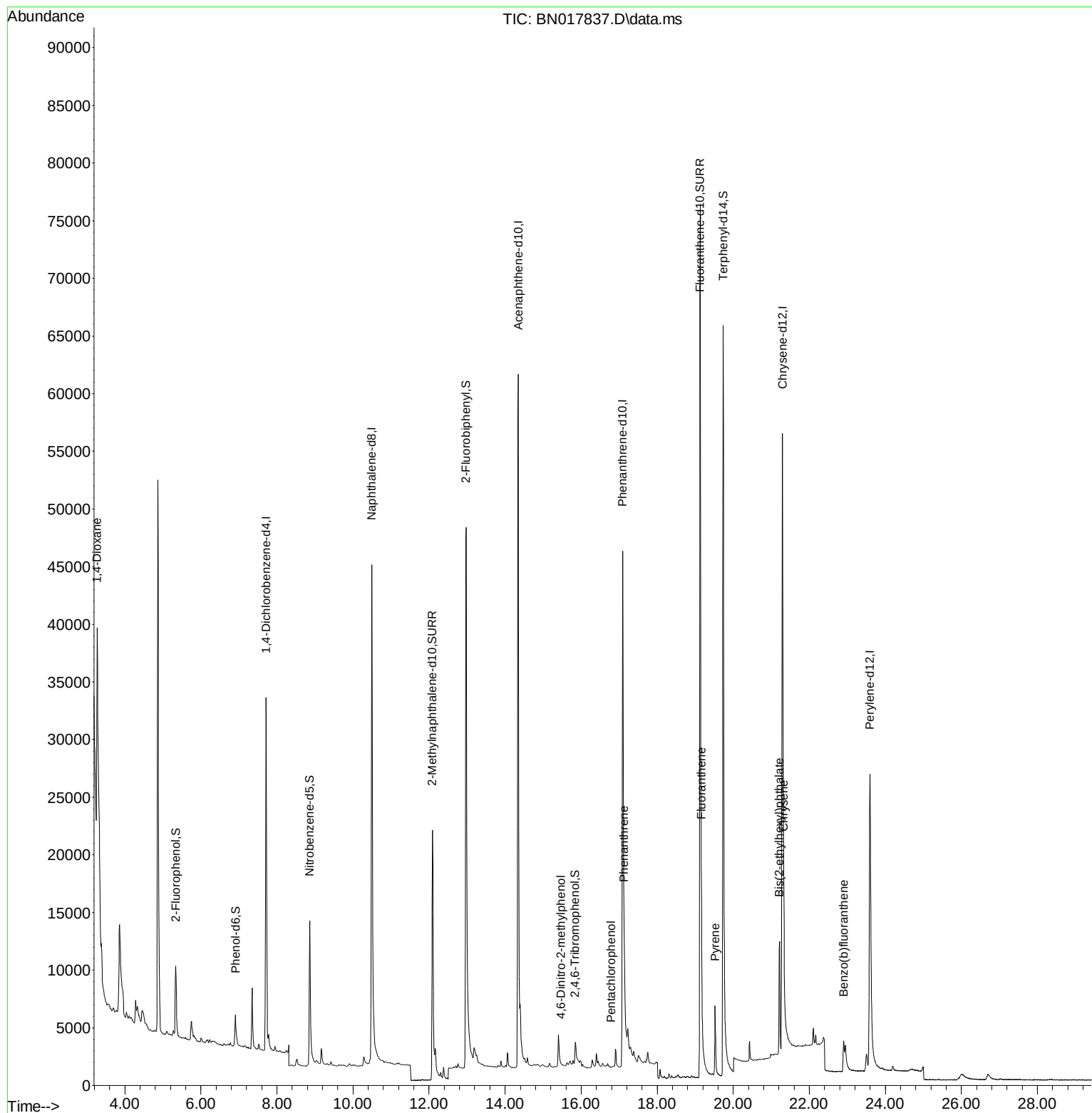
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19341	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	75134	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	49608	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	100469	0.40	ng	# 0.00
29) Chrysene-d12	21.293	240	80270	0.40	ng	# 0.01
35) Perylene-d12	23.596	264	54210	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6542	0.14	ng	0.00
5) Phenol-d6	6.912	99	3188	0.07	ng	0.00
8) Nitrobenzene-d5	8.859	82	14756	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	42350	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3330	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	63424	0.35	ng	0.01
27) Fluoranthene-d10	19.129	212	126548	0.38	ng	0.00
31) Terphenyl-d14	19.735	244	104702	0.61	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	24097	3.38	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.464	198	8	0.09	ng	# 3
24) Pentachlorophenol	16.788	266	54	0.28	ng	# 89
25) Phenanthrene	17.129	178	6592	0.02	ng	97
28) Fluoranthene	19.159	202	7774	0.02	ng	# 97
30) Pyrene	19.521	202	7482	0.03	ng	100
33) Chrysene	21.325	228	6356	0.02	ng	96
34) Bis(2-ethylhexyl)phtha...	21.219	149	11421	0.10	ng	99
37) Benzo(b)fluoranthene	22.904	252	4257	0.02	ng	# 69

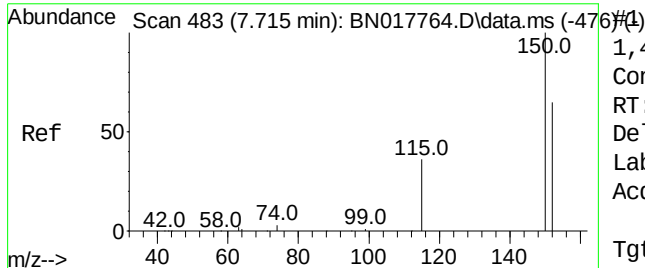
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.715 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41

Instrument :

BNA_N

ClientSampleId :

RE134D4-20211202

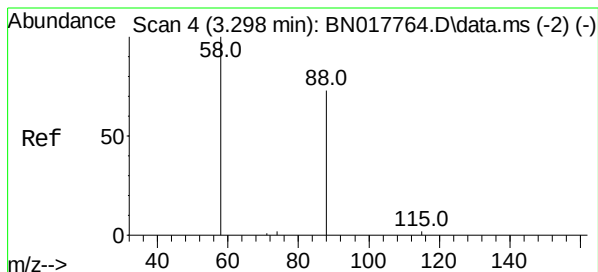
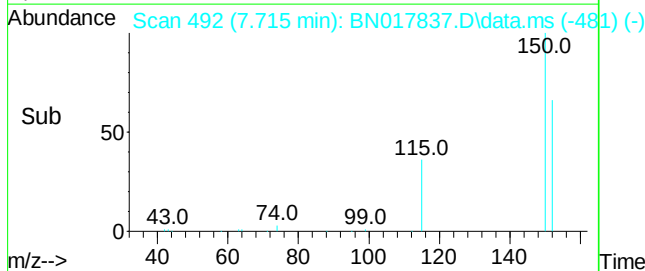
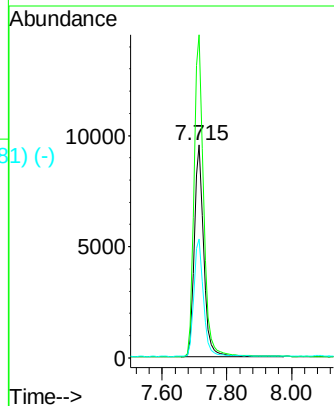
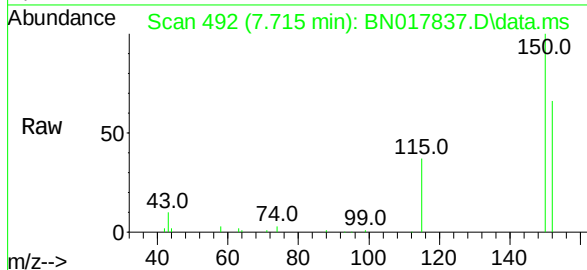
Tgt Ion:152 Resp: 19341

Ion Ratio Lower Upper

152 100

150 151.6 123.0 184.4

115 55.8 45.3 67.9



#2

1,4-Dioxane

Concen: 3.38 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41

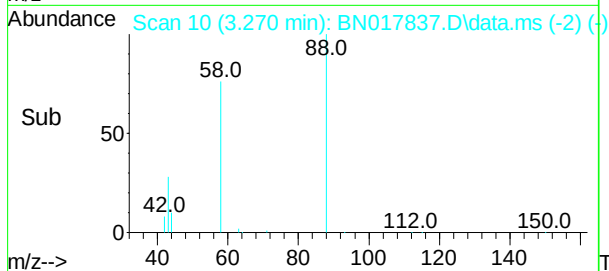
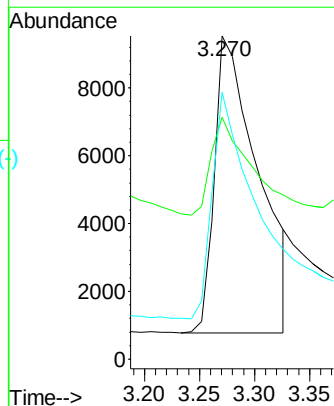
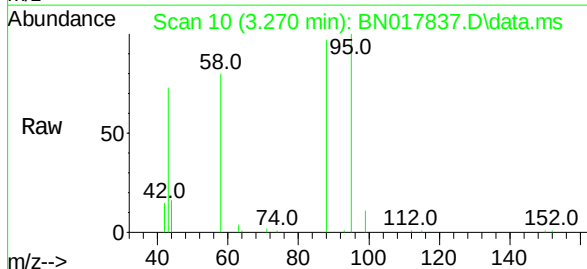
Tgt Ion: 88 Resp: 24097

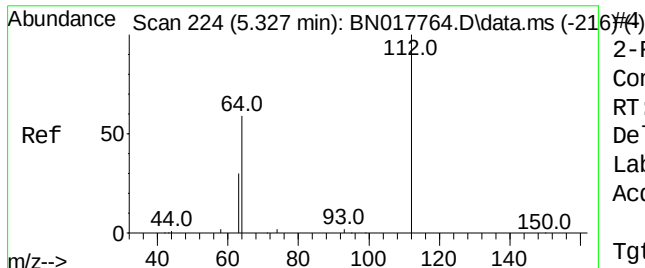
Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 72.9 0.0 0.0#





2-Fluorophenol

Concen: 0.14 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41

Instrument :

BNA_N

ClientSampleId :

RE134D4-20211202

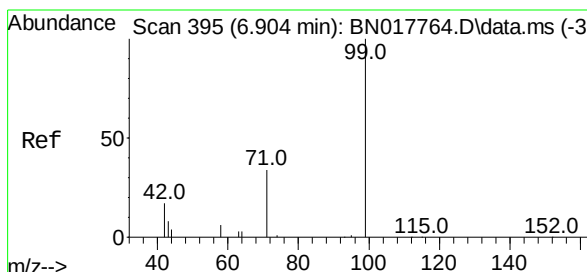
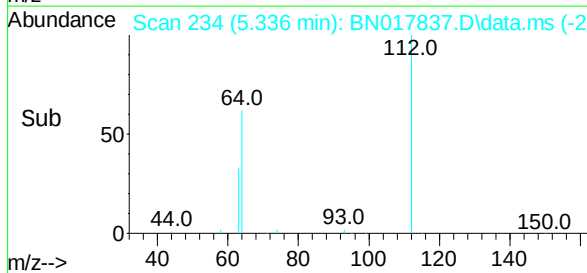
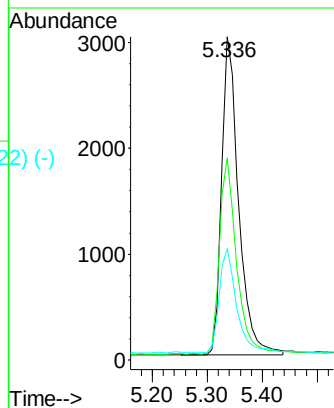
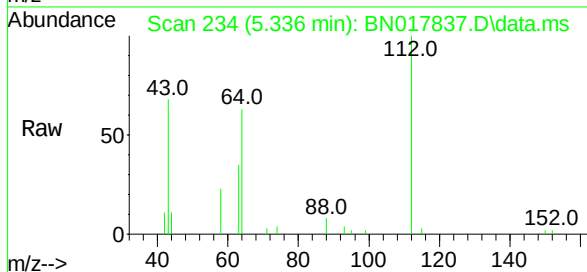
Tgt Ion:112 Resp: 6542

Ion Ratio Lower Upper

112 100

64 61.5 49.3 73.9

63 33.0 25.8 38.8



Phenol-d6

Concen: 0.07 ng

RT: 6.912 min Scan# 405

Delta R.T. 0.009 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41

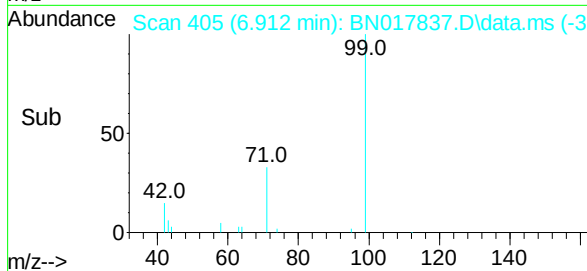
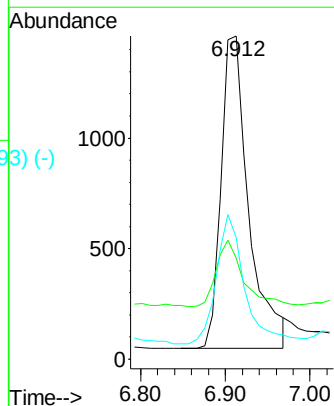
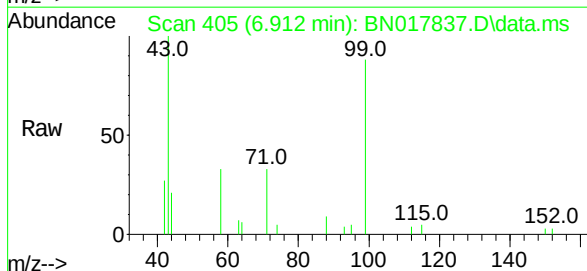
Tgt Ion: 99 Resp: 3188

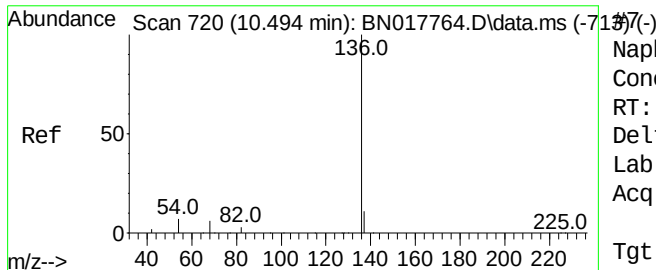
Ion Ratio Lower Upper

99 100

42 20.7 16.6 25.0

71 41.8 29.0 43.4





Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan#

Delta R.T. -0.000 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41

Instrument :

BNA_N

ClientSampleId :

RE134D4-20211202

Tgt Ion:136 Resp: 75134

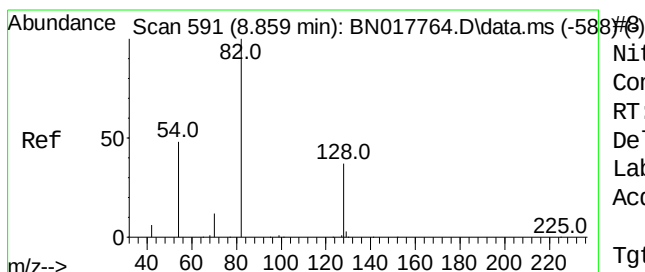
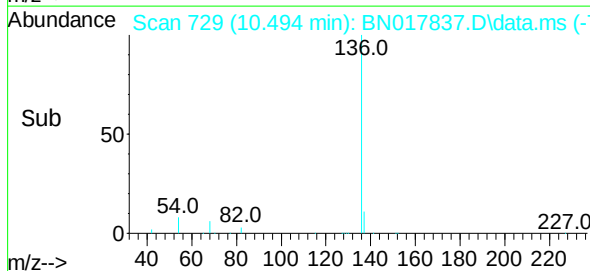
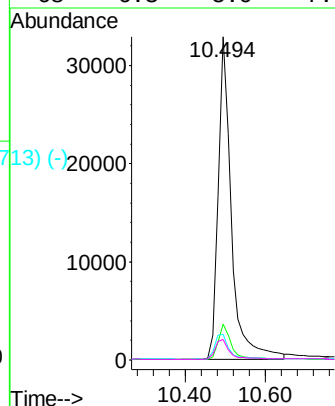
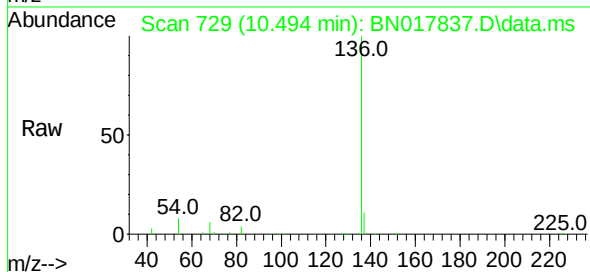
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.9 5.9 8.9

68 6.3 5.0 7.6



Nitrobenzene-d5

Concen: 0.30 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41

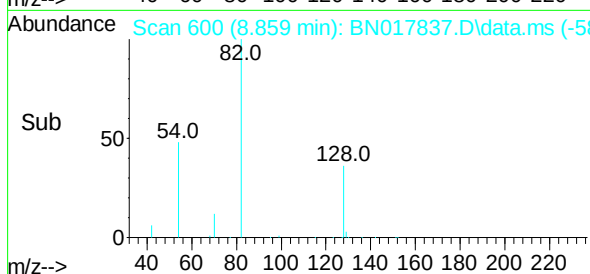
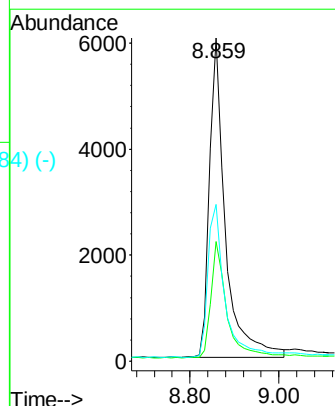
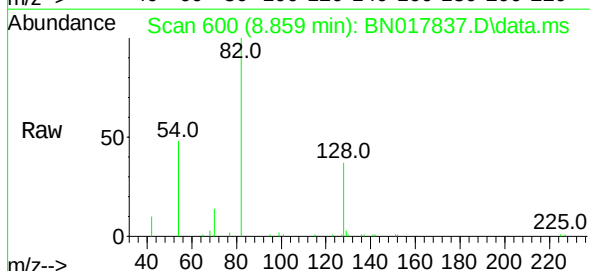
Tgt Ion: 82 Resp: 14756

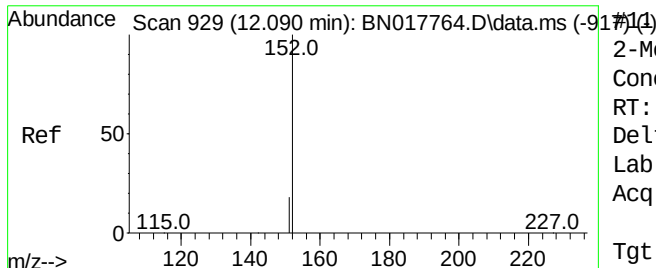
Ion Ratio Lower Upper

82 100

128 36.9 30.2 45.2

54 48.5 39.0 58.6

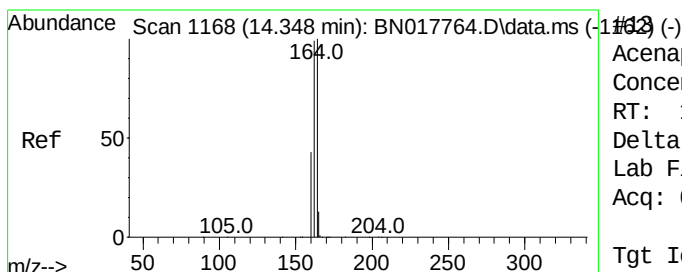
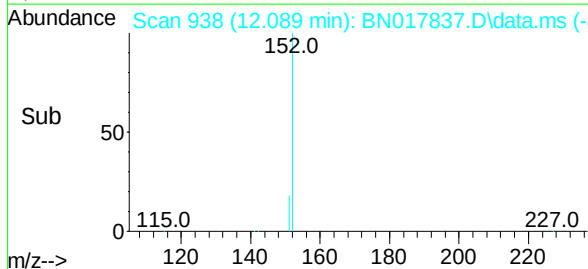
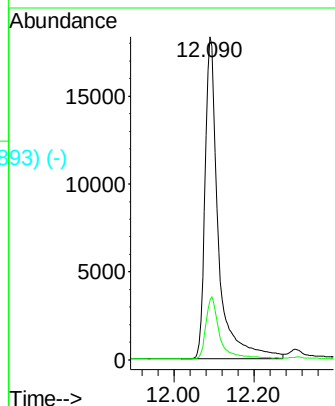
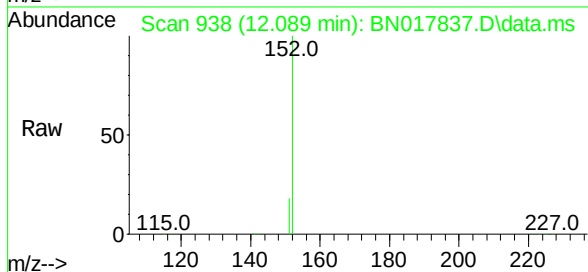




2-Methylnaphthalene-d10
 Concen: 0.28 ng
 RT: 12.089 min Scan# 938
 Delta R.T. -0.000 min
 Lab File: BN017837.D
 Acq: 09 Dec 2021 16:41

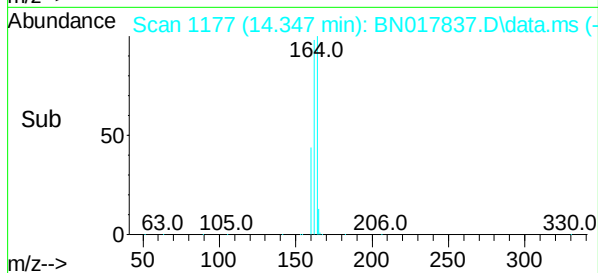
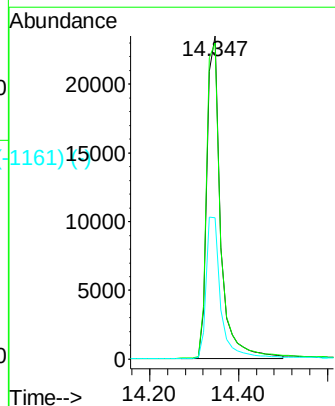
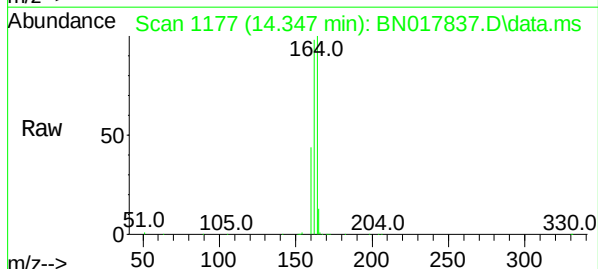
Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20211202

Tgt Ion:152 Resp: 42350
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.4 24.6



Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.347 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: BN017837.D
 Acq: 09 Dec 2021 16:41

Tgt Ion:164 Resp: 49608
 Ion Ratio Lower Upper
 164 100
 162 97.9 79.0 118.6
 160 43.8 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. -0.000 min

Lab File: BN017837.D

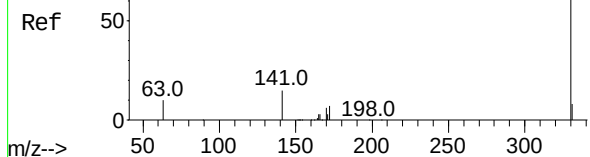
Acq: 09 Dec 2021 16:41

Instrument :

BNA_N

ClientSampleId :

RE134D4-20211202



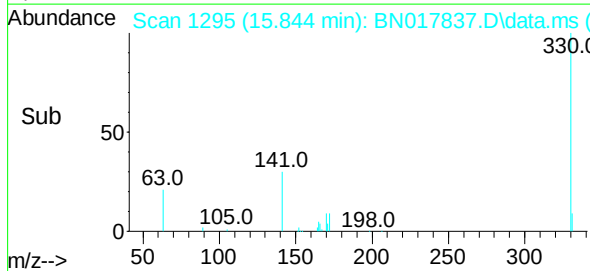
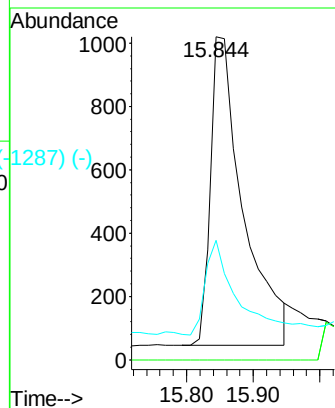
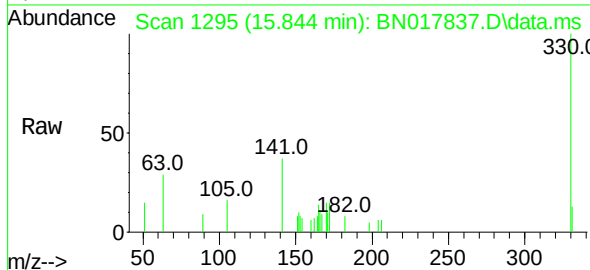
Tgt Ion:330 Resp: 3330

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 28.4 21.5 32.3



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

2-Fluorobiphenyl

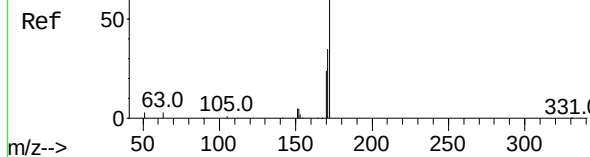
Concen: 0.35 ng

RT: 12.977 min Scan# 1069

Delta R.T. 0.012 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41



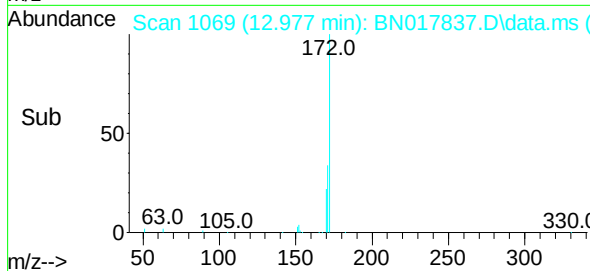
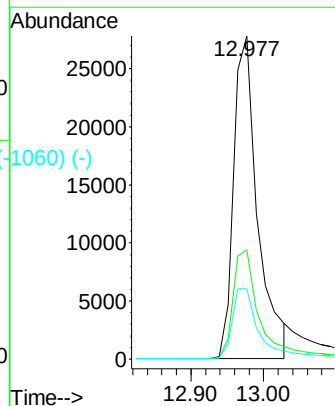
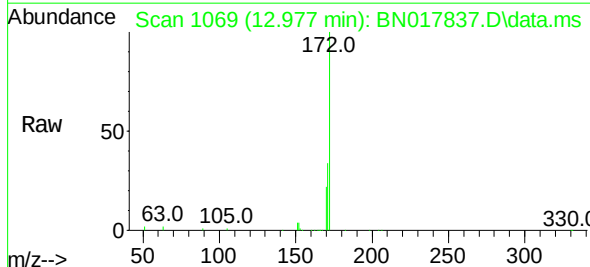
Tgt Ion:172 Resp: 63424

Ion Ratio Lower Upper

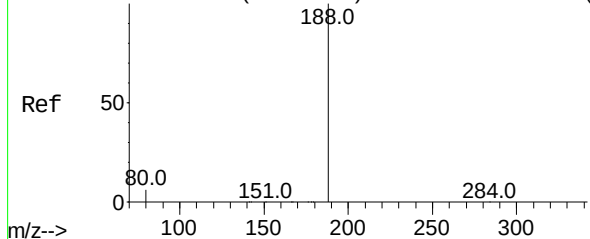
172 100

171 33.8 28.1 42.1

170 21.8 18.9 28.3



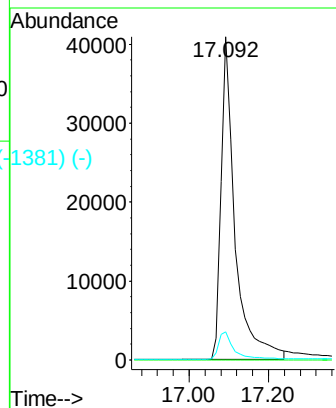
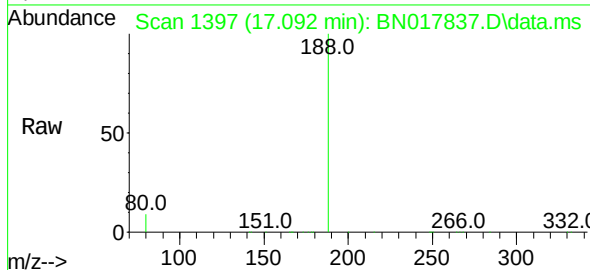
Abundance Scan 1388 (17.093 min): BN017764.D\data.ms (-1388) (-)



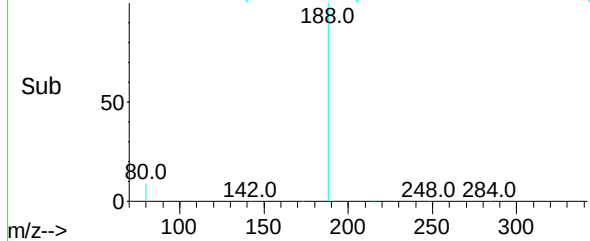
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

Instrument :
BNA_N
ClientSampleId :
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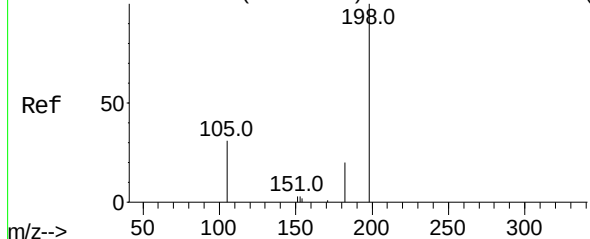
Tgt Ion:188 Resp: 100469
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 5.1 7.7#



Abundance Scan 1397 (17.092 min): BN017837.D\data.ms (-1381) (-)

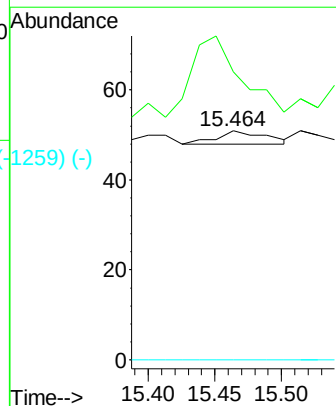
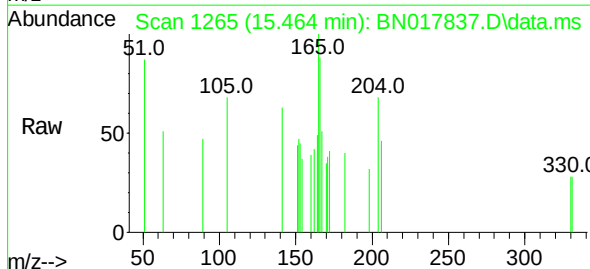


Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1258) (-)

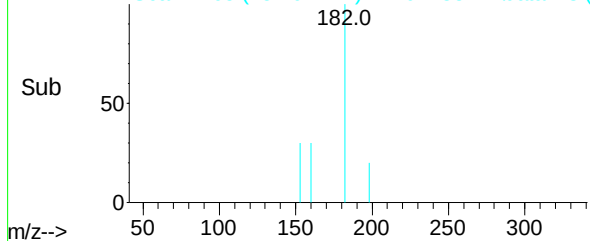


4,6-Dinitro-2-methylphenol
Concen: 0.09 ng
RT: 15.464 min Scan# 1265
Delta R.T. -0.025 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

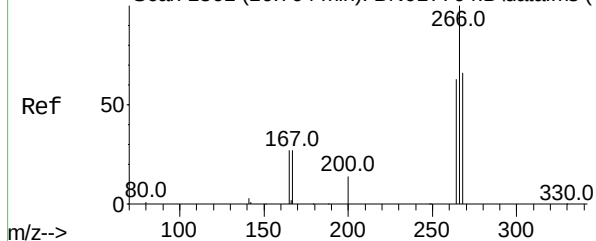
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 125.5 44.2 66.2#
77 0.0 0.0 0.0



Abundance Scan 1265 (15.464 min): BN017837.D\data.ms (-1259) (-)



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

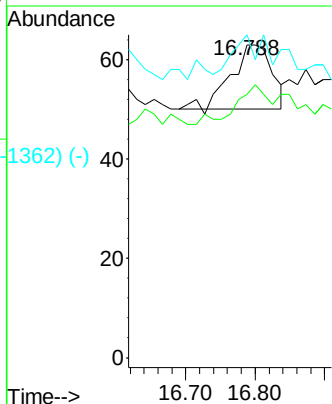
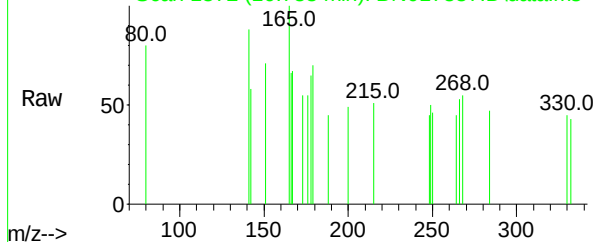


Pentachlorophenol
Concen: 0.28 ng
RT: 16.788 min Scan# 1324
Delta R.T. 0.024 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

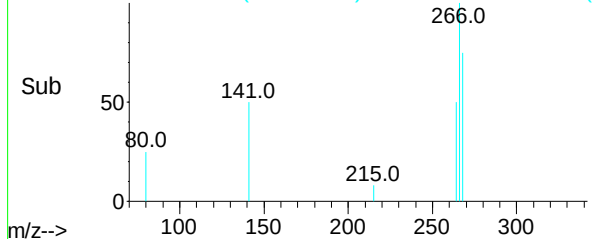
Instrument :
BNA_N
ClientSampleId :
RE134D4-20211202

Tgt Ion:	266	Resp:	54
Ion Ratio	Lower	Upper	
266	100		
264	48.1	50.8	76.2#
268	66.7	51.8	77.6

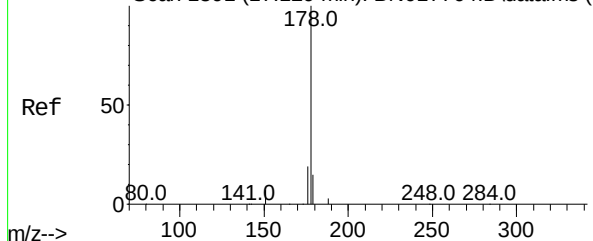
Abundance Scan 1372 (16.788 min): BN017837.D\data.ms



Abundance Scan 1372 (16.788 min): BN017837.D\data.ms (-1362) (-)



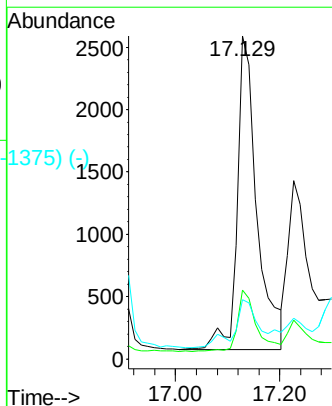
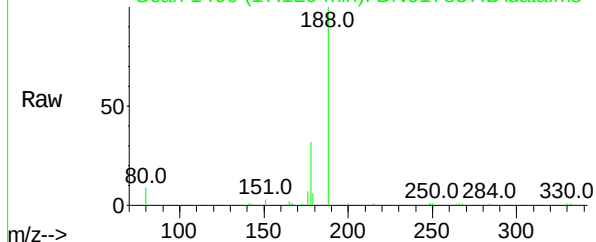
Abundance Scan 1391 (17.129 min): BN017764.D\data.ms (-1325) (-)



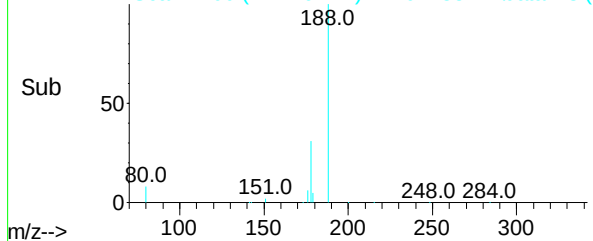
Phenanthrene
Concen: 0.02 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

Tgt Ion:	178	Resp:	6592
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.0	22.6
179	18.3	12.5	18.7

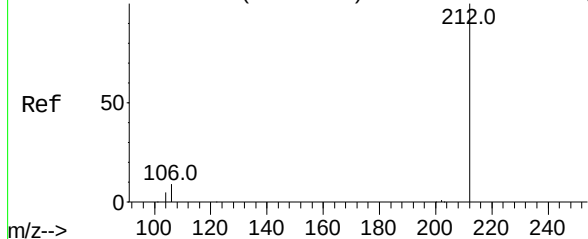
Abundance Scan 1400 (17.129 min): BN017837.D\data.ms



Abundance Scan 1400 (17.129 min): BN017837.D\data.ms (-1375) (-)



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



Fluoranthene-d10

Concen: 0.38 ng

RT: 19.129 min Scan#

Delta R.T. -0.000 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41

Instrument :

BNA_N

ClientSampleId :

RE134D4-20211202

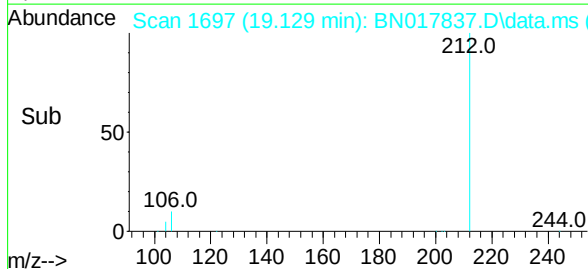
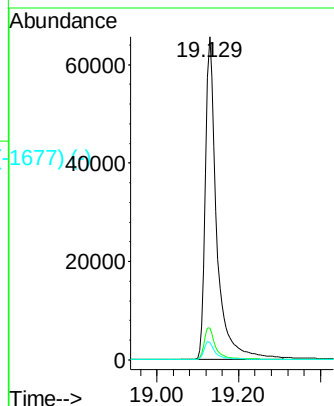
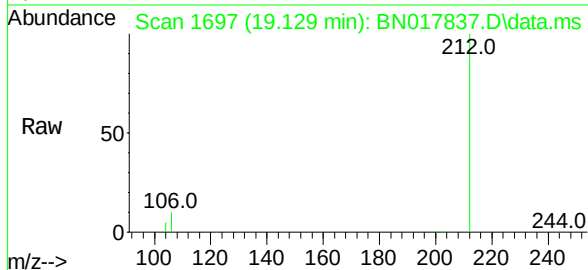
Tgt Ion:212 Resp: 126548

Ion Ratio Lower Upper

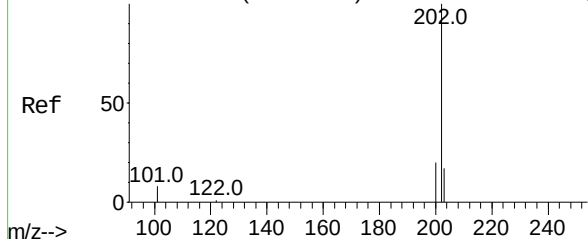
212 100

106 10.2 8.2 12.2

104 5.7 4.6 6.8



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



Fluoranthene

Concen: 0.02 ng

RT: 19.159 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41

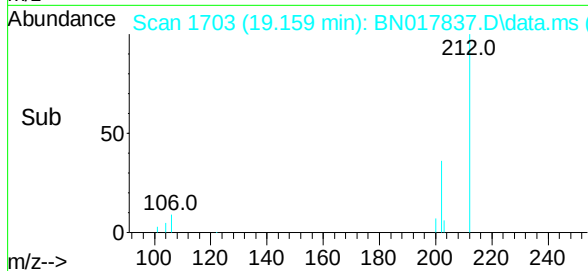
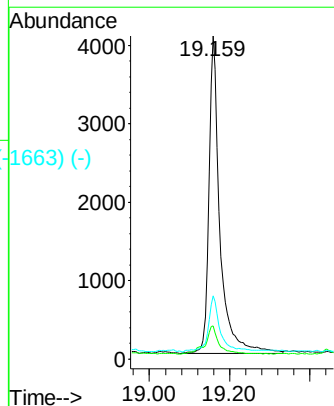
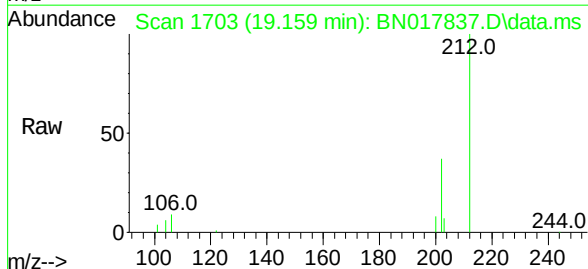
Tgt Ion:202 Resp: 7774

Ion Ratio Lower Upper

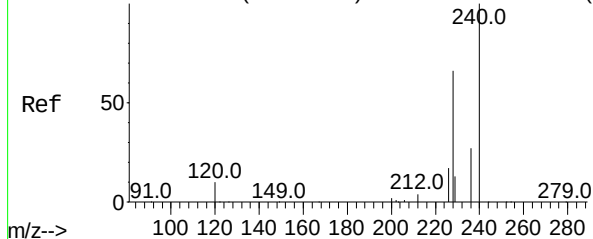
202 100

101 11.2 7.2 10.8#

203 17.6 13.7 20.5



Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1729) (-)



Chrysene-d12

Concen: 0.40 ng

RT: 21.293 min Scan# 1995

Delta R.T. 0.010 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41

Instrument :

BNA_N

ClientSampleId :

RE134D4-20211202

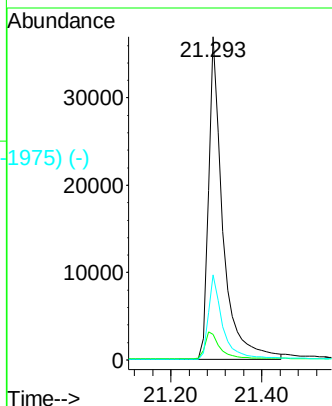
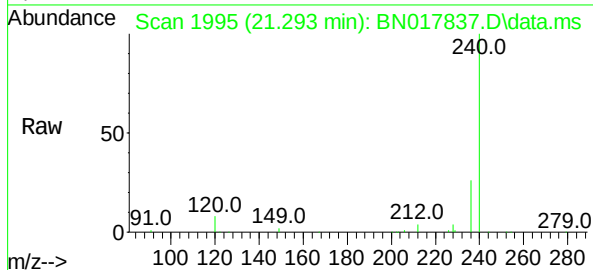
Tgt Ion:240 Resp: 80270

Ion Ratio Lower Upper

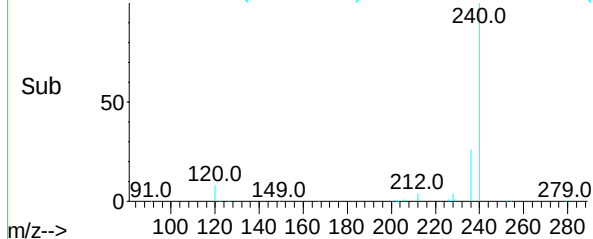
240 100

120 7.9 7.9 11.9#

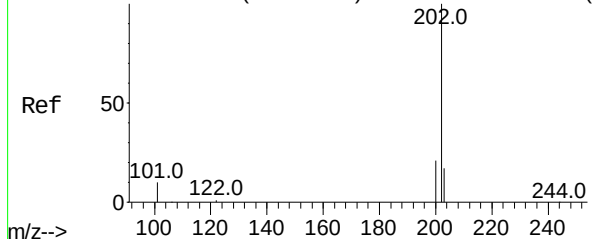
236 26.3 21.4 32.2



Abundance Scan 1995 (21.293 min): BN017837.D\data.ms (-1975) (-)



Abundance Scan 1767 (19.522 min): BN017764.D\data.ms (-1730) (-)



Pyrene

Concen: 0.03 ng

RT: 19.521 min Scan# 1776

Delta R.T. -0.000 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41

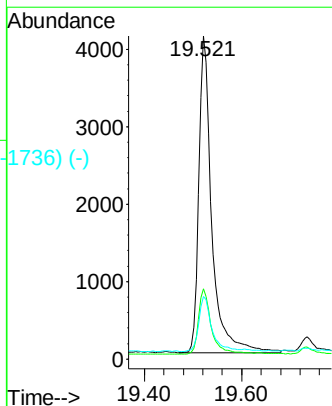
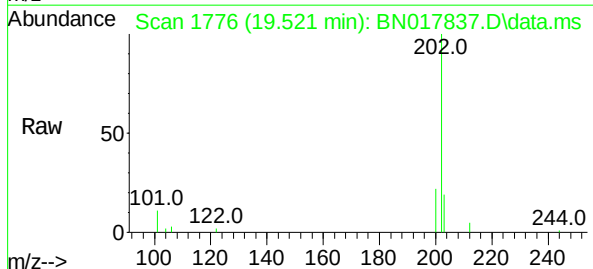
Tgt Ion:202 Resp: 7482

Ion Ratio Lower Upper

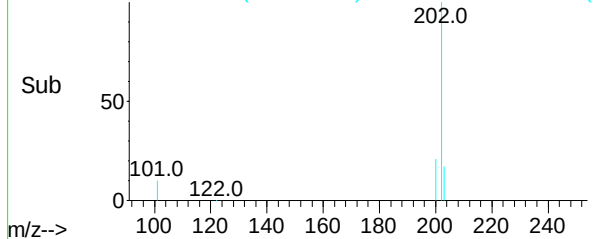
202 100

200 20.2 16.5 24.7

203 17.4 14.0 21.0



Abundance Scan 1776 (19.521 min): BN017837.D\data.ms (-1736) (-)



Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1810) (-)

Terphenyl-d14

Concen: 0.61 ng

RT: 19.735 min Scan# 1810

Delta R.T. -0.000 min

Lab File: BN017837.D

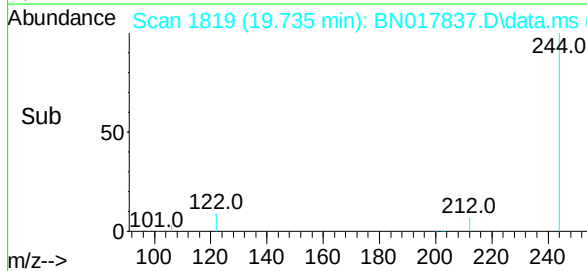
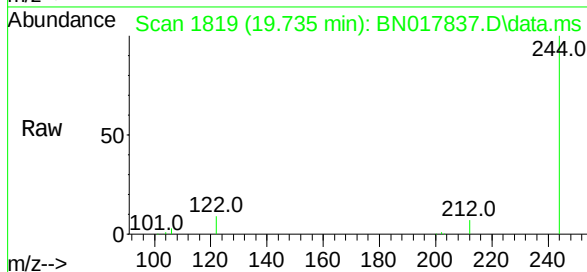
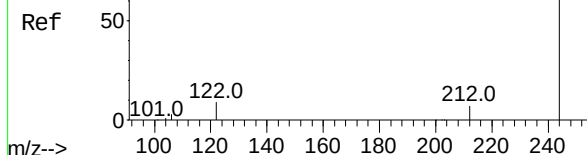
Acq: 09 Dec 2021 16:41

Instrument :

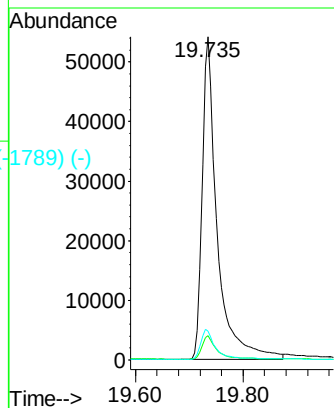
BNA_N

ClientSampleId :

RE134D4-20211202



Tgt Ion:	244	Resp:	104702
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	8.9	7.1	10.7



Abundance Scan 1989 (21.325 min): BN017764.D\data.ms (-1989) (-)

Chrysene

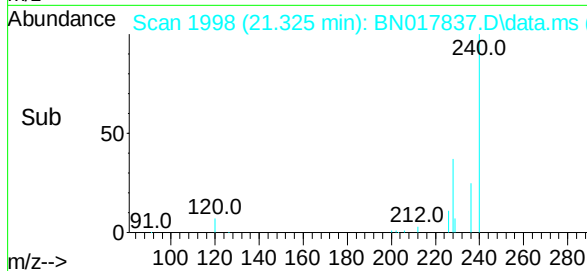
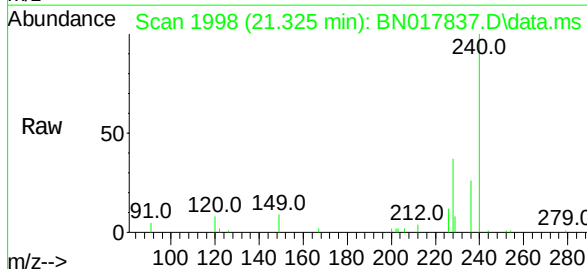
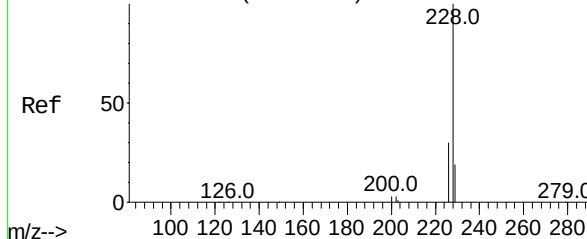
Concen: 0.02 ng

RT: 21.325 min Scan# 1998

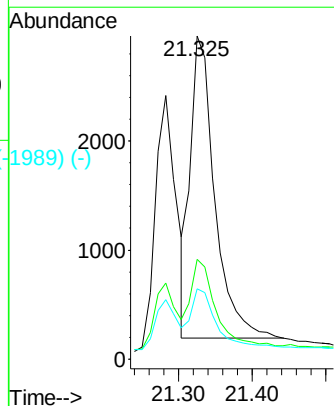
Delta R.T. -0.000 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41



Tgt Ion:	228	Resp:	6356
Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.6	35.4
229	21.9	15.6	23.4



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

Bis(2-ethylhexyl)phthalate

Concen: 0.10 ng

RT: 21.219 min Scan# 1979

Delta R.T. -0.000 min

Lab File: BN017837.D

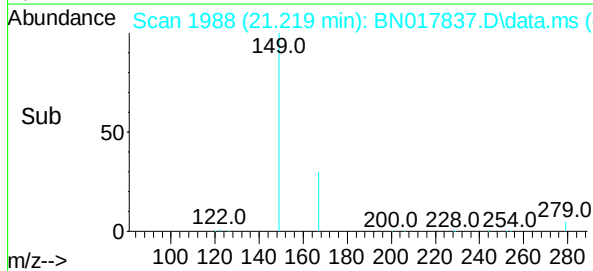
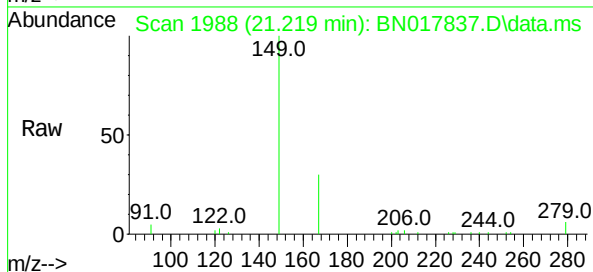
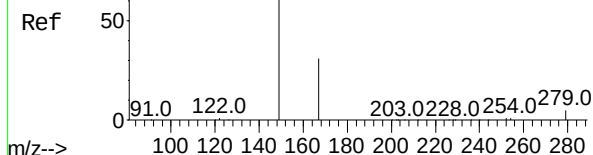
Acq: 09 Dec 2021 16:41

Instrument :

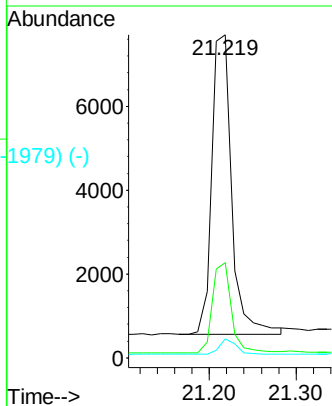
BNA_N

ClientSampleId :

RE134D4-20211202



Tgt Ion:	149	Resp:	11421
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.5	35.3
279	4.6	3.8	5.6



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

Perylene-d12

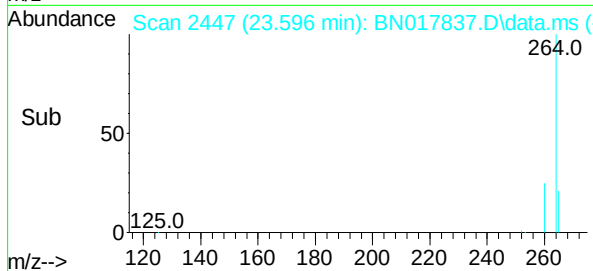
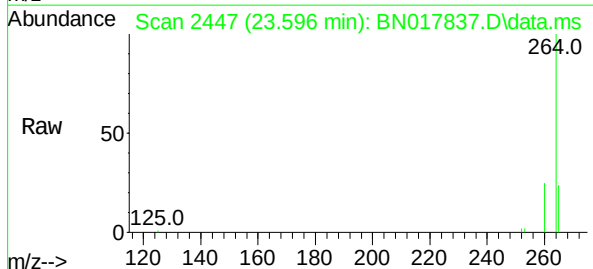
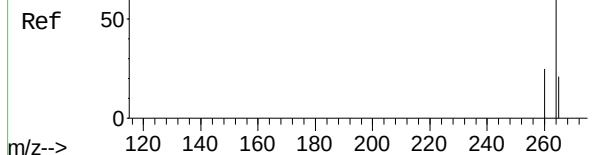
Concen: 0.40 ng

RT: 23.596 min Scan# 2447

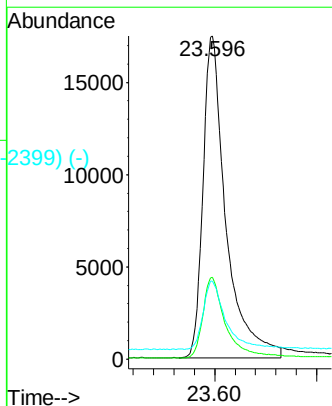
Delta R.T. 0.013 min

Lab File: BN017837.D

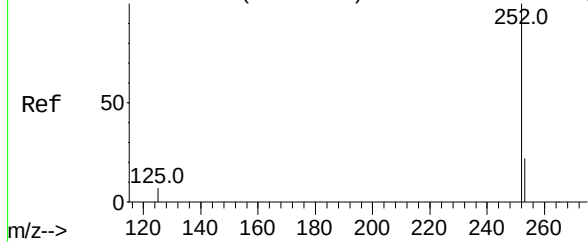
Acq: 09 Dec 2021 16:41



Tgt Ion:	264	Resp:	54210
Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	24.1	20.5	30.7



Abundance Scan 2231 (22.888 min): BN017764.D\data.ms (-2187) (-)



Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 22.904 min Scan# 1

Delta R.T. 0.017 min

Lab File: BN017837.D

Acq: 09 Dec 2021 16:41

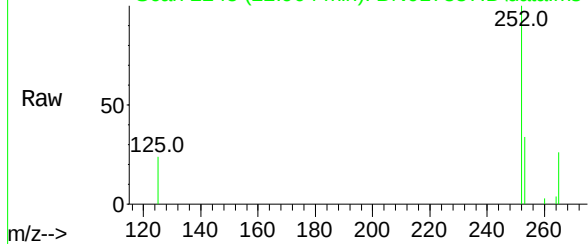
Instrument :

BNA_N

ClientSampleId :

RE134D4-20211202

Abundance Scan 2245 (22.904 min): BN017837.D\data.ms



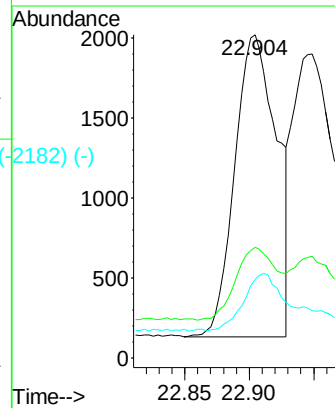
Tgt Ion:252 Resp: 4257

Ion Ratio Lower Upper

252 100

253 34.2 17.7 26.5#

125 24.3 6.2 9.2#



Abundance Scan 2245 (22.904 min): BN017837.D\data.ms (-2182) (-)

