

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017830.D
 Acq On : 09 Dec 2021 11:10
 Operator : CG/JU
 Sample : M4922-21
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20211130

Quant Time: Dec 10 01:53:37 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)

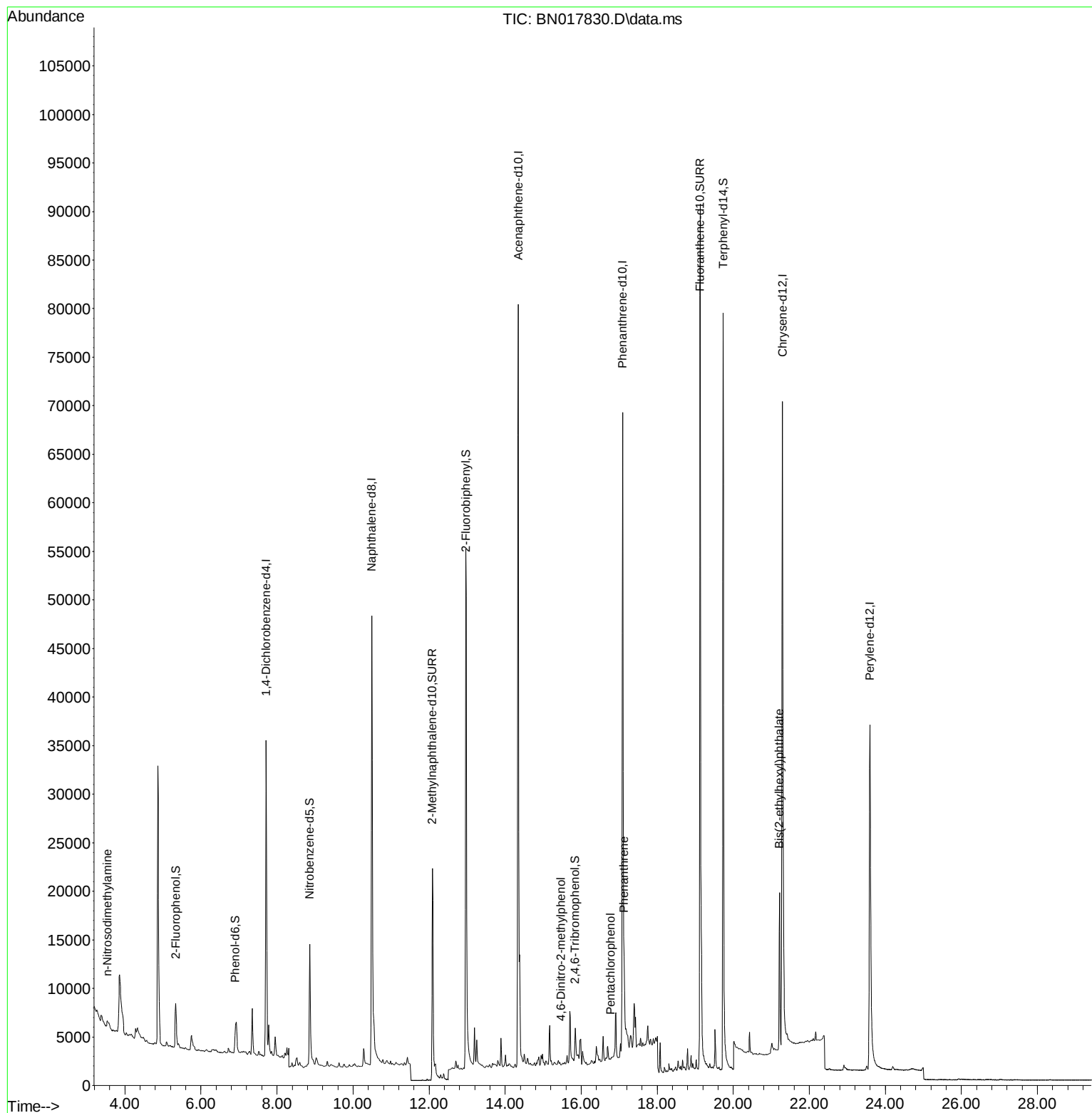
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19676	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	76941	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	55137	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	114471	0.40	ng	0.00
29) Chrysene-d12	21.293	240	94455	0.40	ng	# 0.01
35) Perylene-d12	23.592	264	66940	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5203	0.11	ng	0.00
5) Phenol-d6	6.903	99	2705	0.06	ng	0.00
8) Nitrobenzene-d5	8.859	82	13996	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	38702	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4356	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	60435	0.30	ng	0.01
27) Fluoranthene-d10	19.129	212	126821	0.33	ng	0.00
31) Terphenyl-d14	19.735	244	103094	0.51	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.538	42	663	0.03	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.464	198	10	0.09	ng	# 1
24) Pentachlorophenol	16.776	266	13	0.28	ng	# 43
25) Phenanthrene	17.129	178	6508	0.02	ng	95
34) Bis(2-ethylhexyl)phtha...	21.218	149	16809	0.13	ng	100

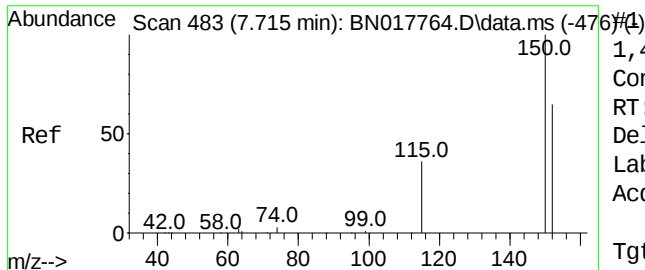
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017830.D
Acq On : 09 Dec 2021 11:10
Operator : CG/JU
Sample : M4922-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE117D2-20211130

Quant Time: Dec 10 01:53:37 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





1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.715 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017830.D

Acq: 09 Dec 2021 11:10

Instrument :

BNA_N

ClientSampleId :

RE117D2-20211130

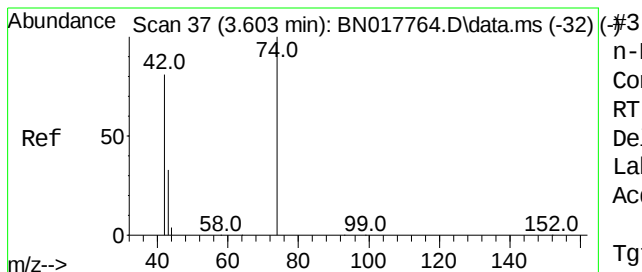
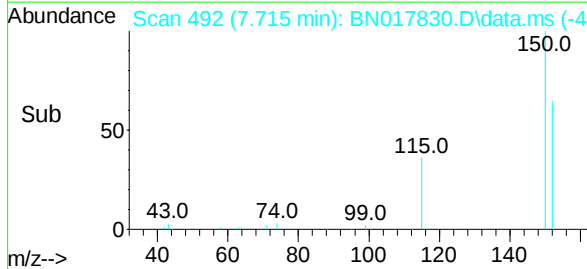
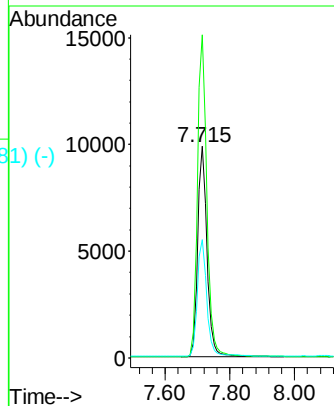
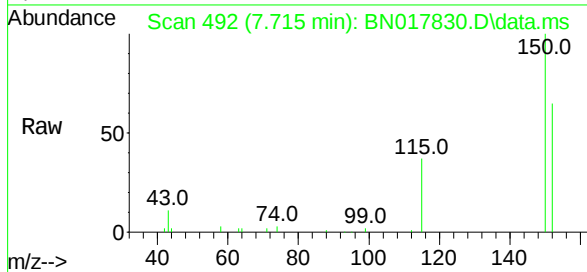
Tgt Ion:152 Resp: 19676

Ion Ratio Lower Upper

152 100

150 152.7 123.0 184.4

115 55.9 45.3 67.9



n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.538 min Scan# 39

Delta R.T. -0.065 min

Lab File: BN017830.D

Acq: 09 Dec 2021 11:10

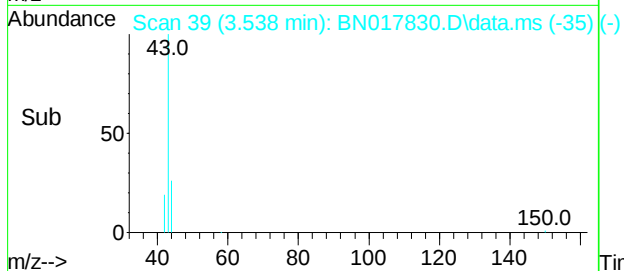
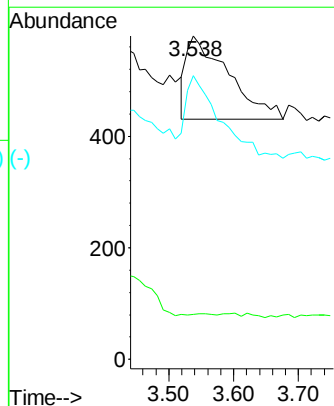
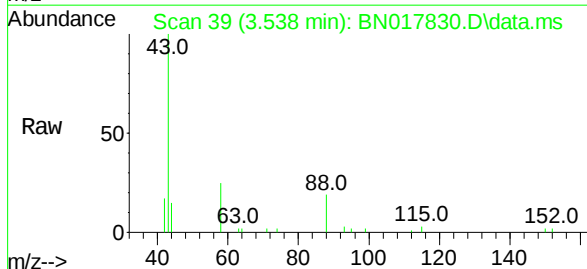
Tgt Ion: 42 Resp: 663

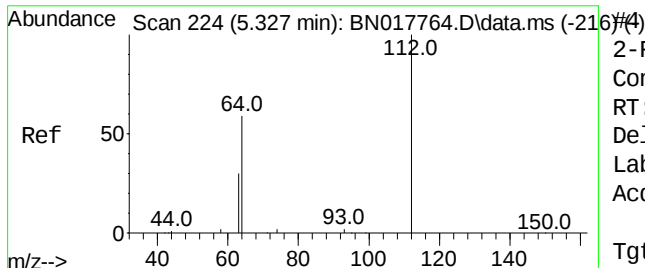
Ion Ratio Lower Upper

42 100

74 1.1 101.3 151.9#

44 79.6 5.0 7.4#





2-Fluorophenol

Concen: 0.11 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017830.D

Acq: 09 Dec 2021 11:10

Instrument :

BNA_N

ClientSampleId :

RE117D2-20211130

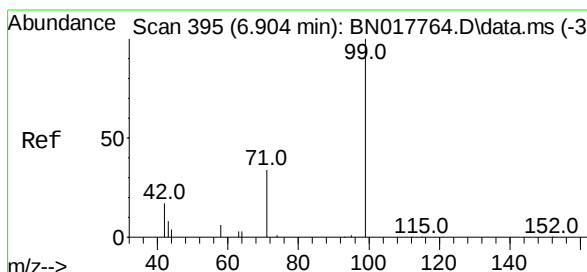
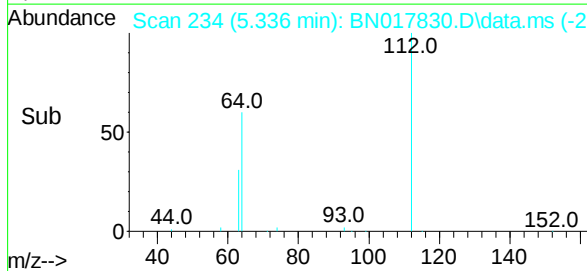
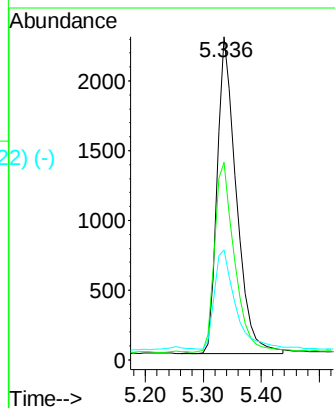
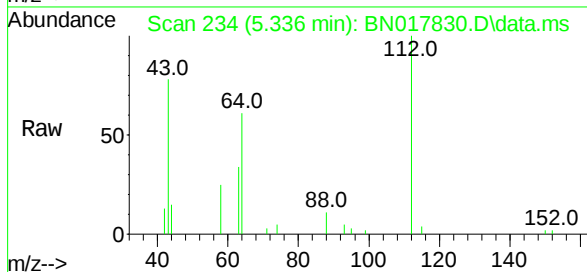
Tgt Ion:112 Resp: 5203

Ion Ratio Lower Upper

112 100

64 62.4 49.3 73.9

63 34.2 25.8 38.8



Phenol-d6

Concen: 0.06 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.001 min

Lab File: BN017830.D

Acq: 09 Dec 2021 11:10

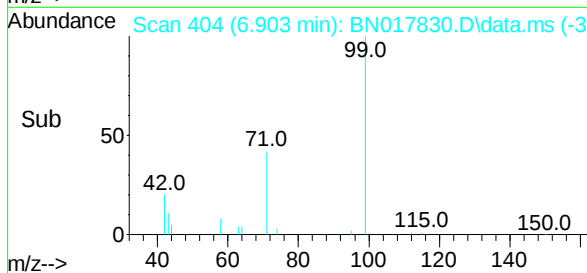
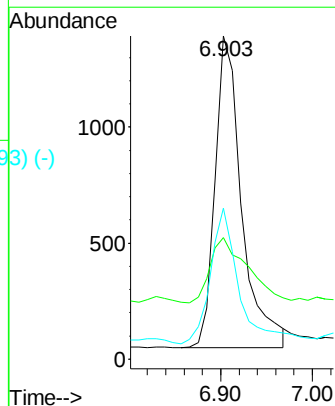
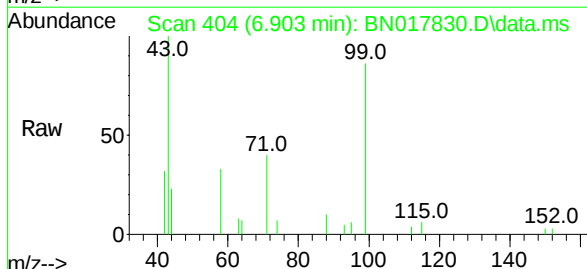
Tgt Ion: 99 Resp: 2705

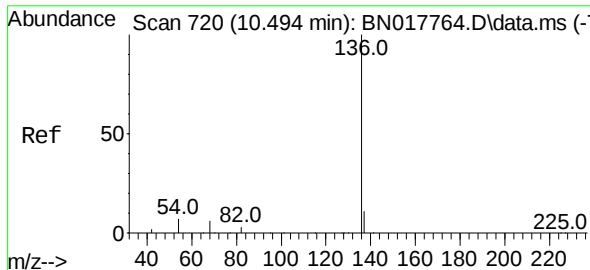
Ion Ratio Lower Upper

99 100

42 29.8 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: BN017830.D

Acq: 09 Dec 2021 11:10

Instrument :

BNA_N

ClientSampleId :

RE117D2-20211130

Tgt Ion:136 Resp: 76941

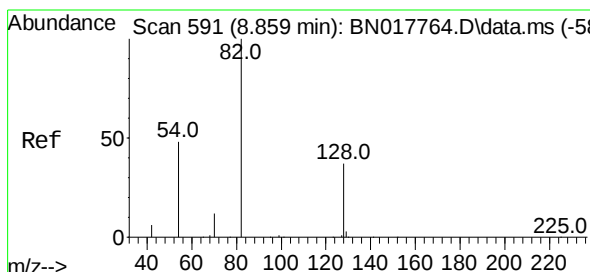
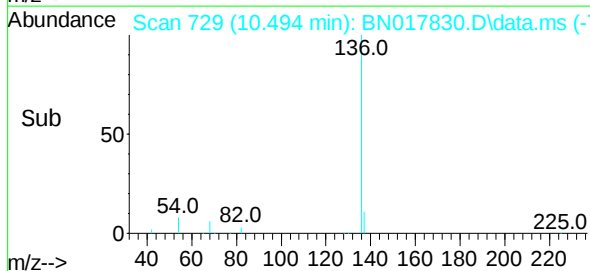
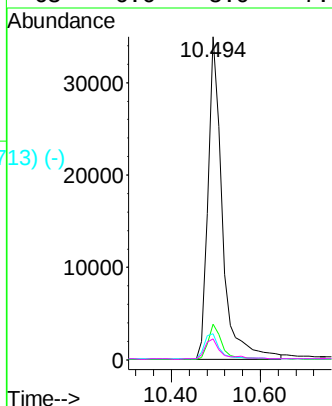
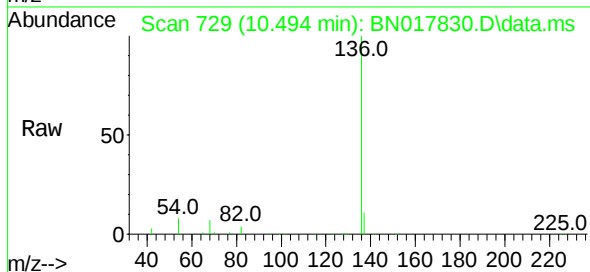
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.0 5.9 8.9

68 6.6 5.0 7.6



Nitrobenzene-d5

Concen: 0.27 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.001 min

Lab File: BN017830.D

Acq: 09 Dec 2021 11:10

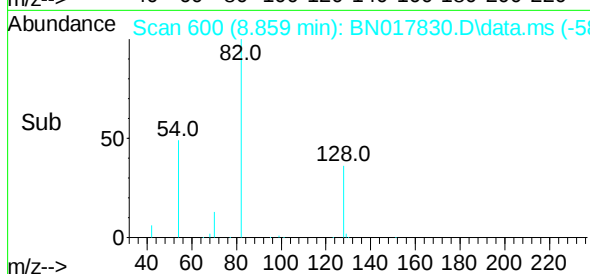
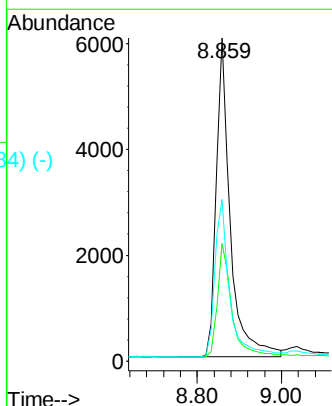
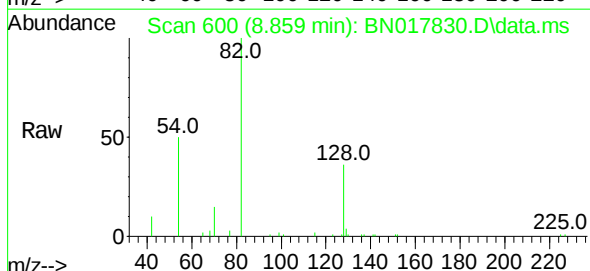
Tgt Ion: 82 Resp: 13996

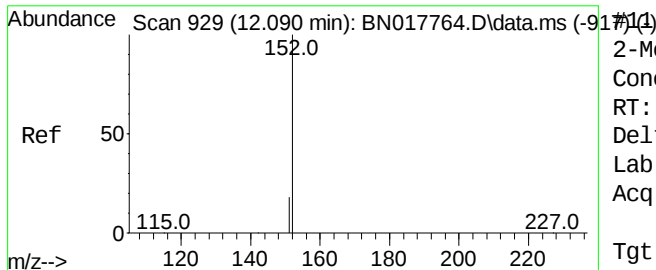
Ion Ratio Lower Upper

82 100

128 36.4 30.2 45.2

54 50.1 39.0 58.6

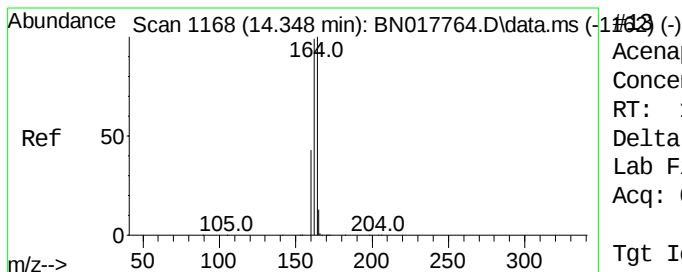
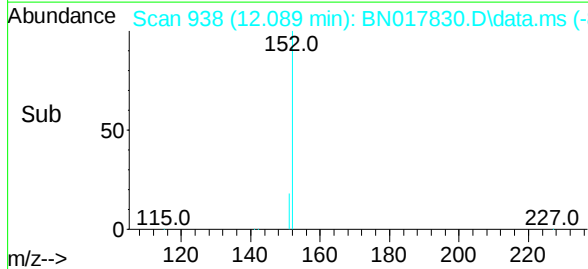
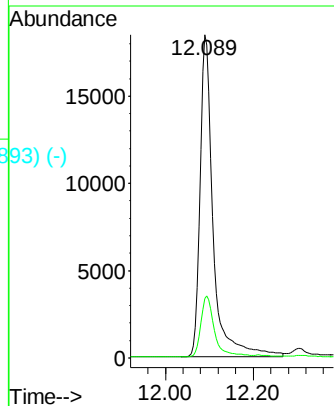
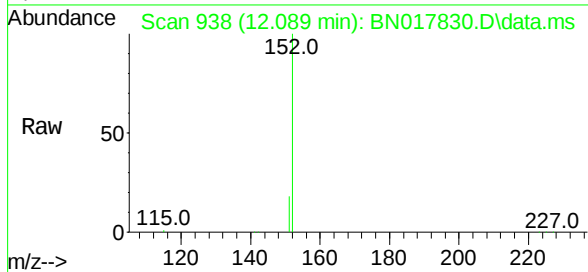




2-Methylnaphthalene-d10
 Concen: 0.25 ng
 RT: 12.089 min Scan# 938
 Delta R.T. -0.001 min
 Lab File: BN017830.D
 Acq: 09 Dec 2021 11:10

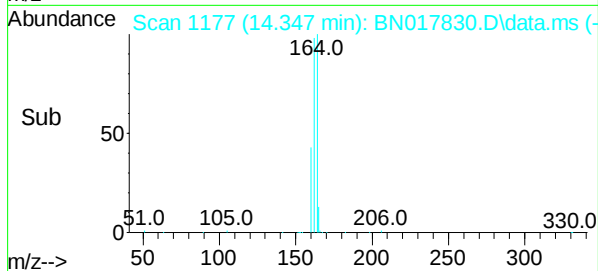
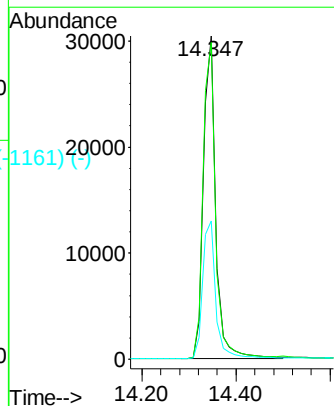
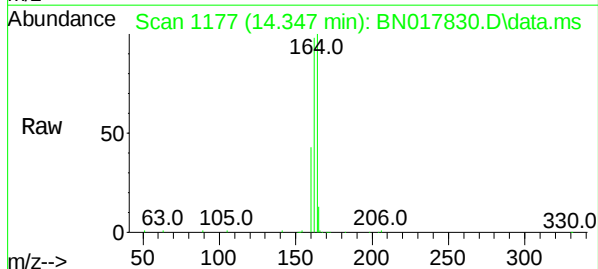
Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20211130

Tgt Ion:152 Resp: 38702
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.4 24.6



Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.347 min Scan# 1177
 Delta R.T. -0.001 min
 Lab File: BN017830.D
 Acq: 09 Dec 2021 11:10

Tgt Ion:164 Resp: 55137
 Ion Ratio Lower Upper
 164 100
 162 98.1 79.0 118.6
 160 42.8 34.6 52.0



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

2,4,6-Tribromophenol

Concen: 0.15 ng

RT: 15.844 min Scan# 1286

Delta R.T. -0.001 min

Lab File: BN017830.D

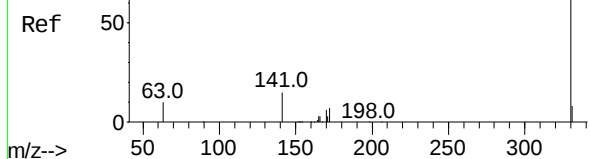
Acq: 09 Dec 2021 11:10

Instrument :

BNA_N

ClientSampleId :

RE117D2-20211130



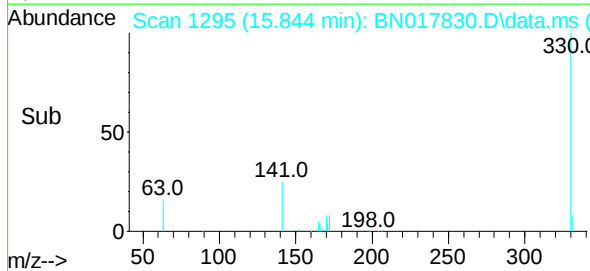
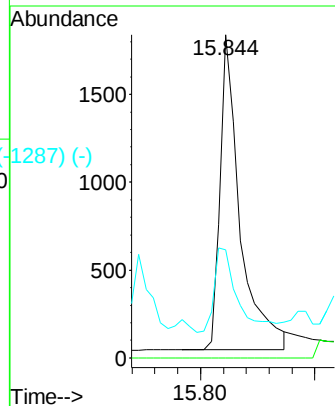
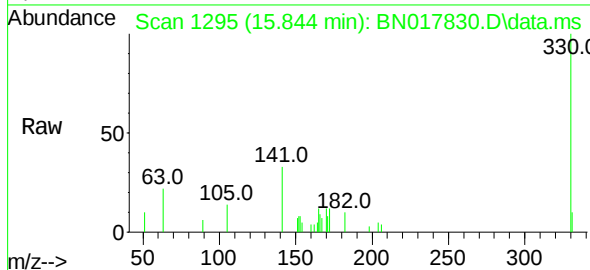
Tgt Ion:330 Resp: 4356

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.3 21.5 32.3



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

2-Fluorobiphenyl

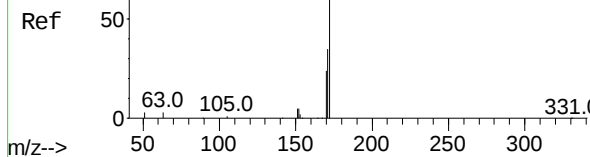
Concen: 0.30 ng

RT: 12.977 min Scan# 1069

Delta R.T. 0.012 min

Lab File: BN017830.D

Acq: 09 Dec 2021 11:10



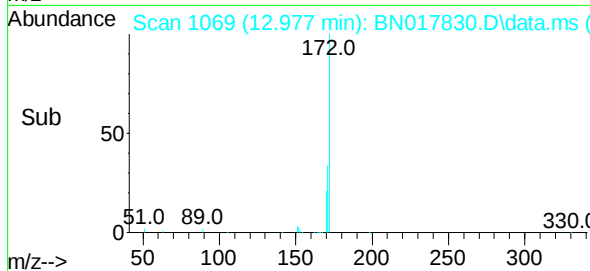
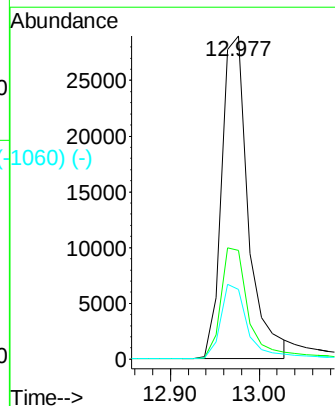
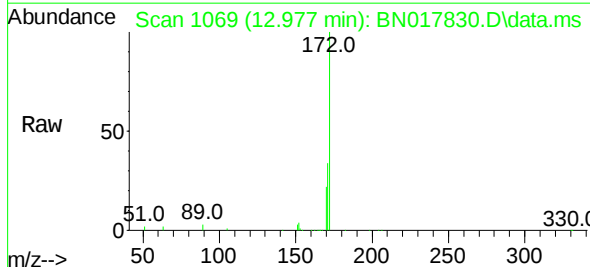
Tgt Ion:172 Resp: 60435

Ion Ratio Lower Upper

172 100

171 33.6 28.1 42.1

170 21.6 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. -0.001 min

Lab File: BN017830.D

Acq: 09 Dec 2021 11:10

Instrument :

BNA_N

ClientSampleId :

RE117D2-20211130

Tgt Ion:188 Resp: 114471

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.4 5.1 7.7

Abundance Scan 1397 (17.092 min): BN017830.D\data.ms

Raw

80.0 141.0 188.0 250.0 284.0 330.0

m/z-->

Abundance Scan 1397 (17.092 min): BN017830.D\data.ms (-1381) (-)

Sub

80.0 142.0 188.0 249.0 284.0 332.0

m/z-->

Abundance

60000 17.092

40000

20000

0

Time--> 16.80 17.00 17.20

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: BN017830.D

Acq: 09 Dec 2021 11:10

Tgt Ion:198 Resp: 10

Ion Ratio Lower Upper

198 100

182 133.9 44.2 66.2#

77 0.0 0.0 0.0

Abundance Scan 1265 (15.464 min): BN017830.D\data.ms

Raw

51.0 105.0 141.0 182.0 330.0

m/z-->

Abundance Scan 1265 (15.464 min): BN017830.D\data.ms (-1259) (-)

Sub

182.0

m/z-->

Abundance

100

50

0

Time--> 15.45 15.50

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: BN017830.D

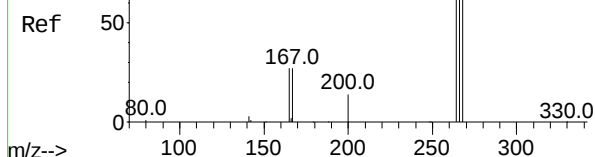
Acq: 09 Dec 2021 11:10

Instrument :

BNA_N

ClientSampleId :

RE117D2-20211130



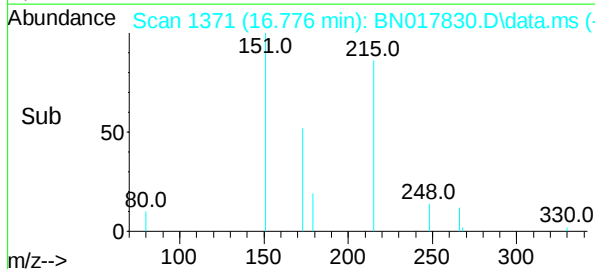
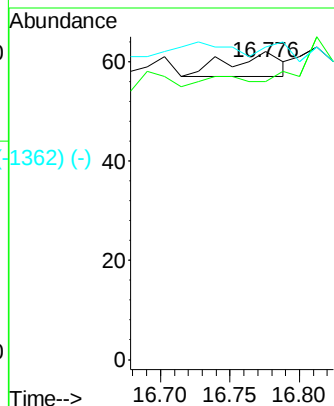
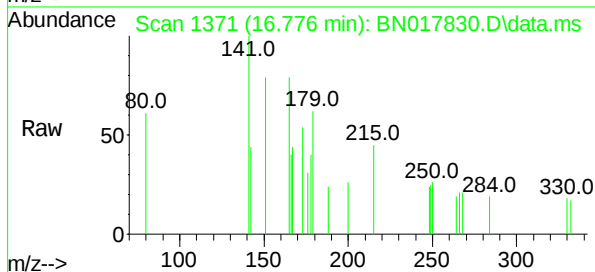
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 0.0 50.8 76.2#

268 38.5 51.8 77.6#



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. -0.001 min

Lab File: BN017830.D

Acq: 09 Dec 2021 11:10

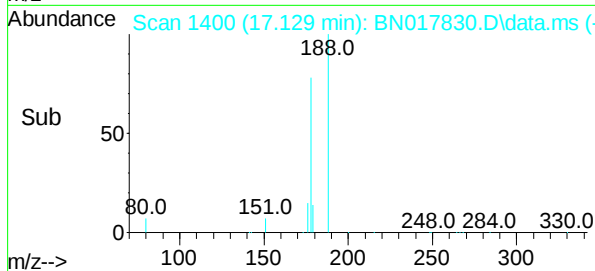
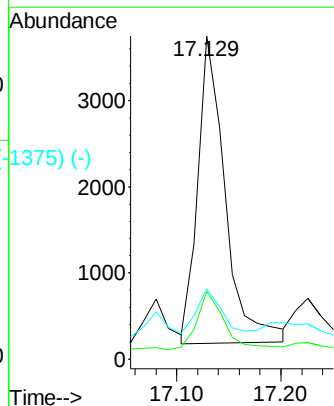
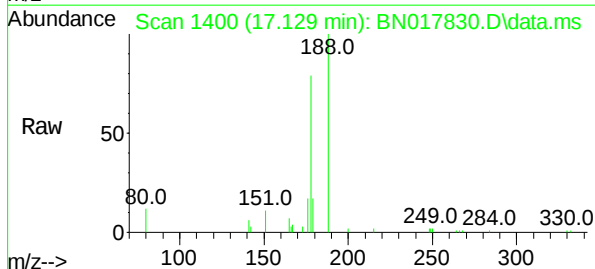
Tgt Ion:178 Resp: 6508

Ion Ratio Lower Upper

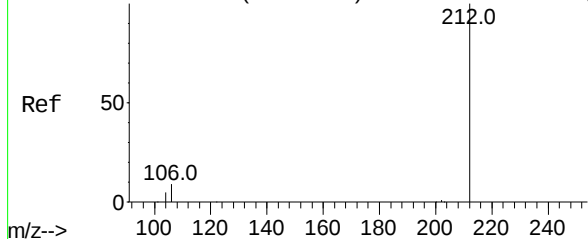
178 100

176 22.3 15.0 22.6

179 14.6 12.5 18.7



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



Fluoranthene-d10

Concen: 0.33 ng

RT: 19.129 min Scan# 1688

Delta R.T. -0.001 min

Lab File: BN017830.D

Acq: 09 Dec 2021 11:10

Instrument :

BNA_N

ClientSampleId :

RE117D2-20211130

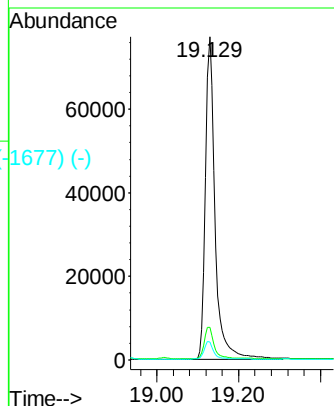
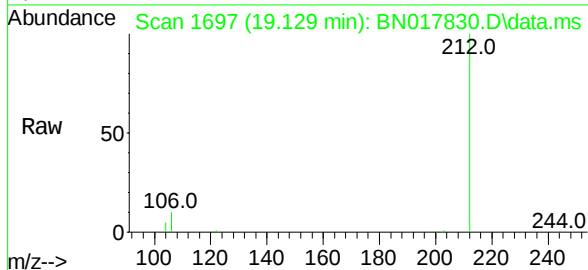
Tgt Ion:212 Resp: 126821

Ion Ratio Lower Upper

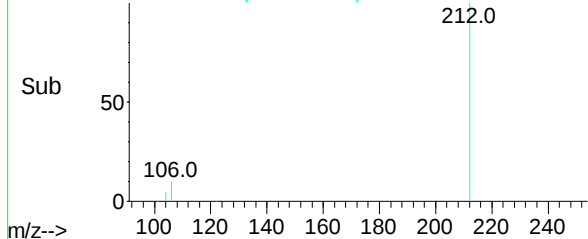
212 100

106 9.7 8.2 12.2

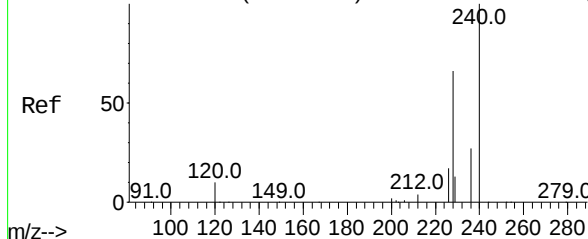
104 5.5 4.6 6.8



Abundance Scan 1697 (19.129 min): BN017830.D\data.ms (-1677) (-)



Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1929) (-)



Chrysene-d12

Concen: 0.40 ng

RT: 21.293 min Scan# 1995

Delta R.T. 0.010 min

Lab File: BN017830.D

Acq: 09 Dec 2021 11:10

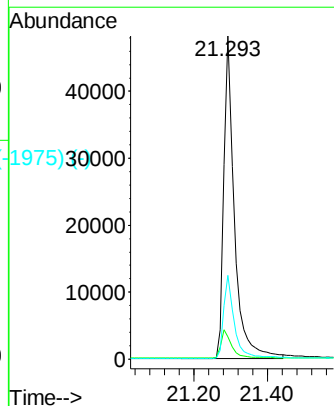
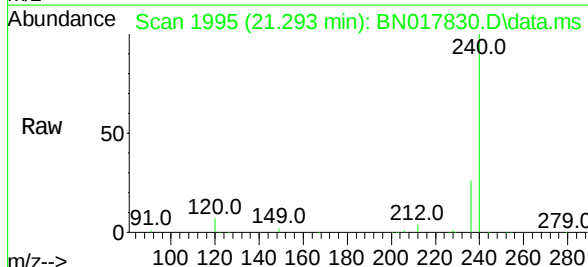
Tgt Ion:240 Resp: 94455

Ion Ratio Lower Upper

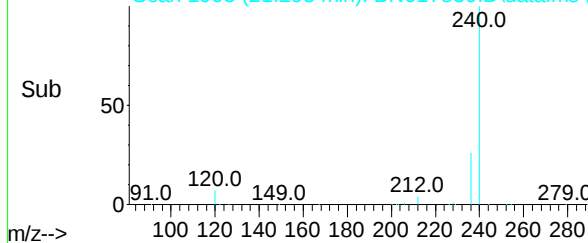
240 100

120 6.9 7.9 11.9#

236 26.0 21.4 32.2



Abundance Scan 1995 (21.293 min): BN017830.D\data.ms (-1975) (-)



Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1789) (-)

Terphenyl-d14

Concen: 0.51 ng

RT: 19.735 min Scan# 1810

Delta R.T. -0.001 min

Lab File: BN017830.D

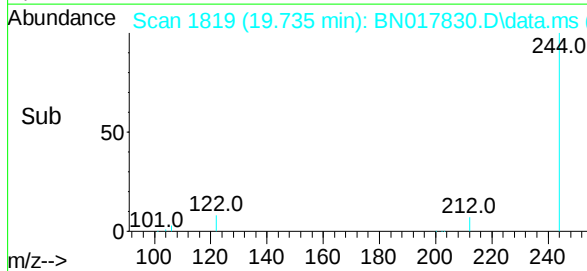
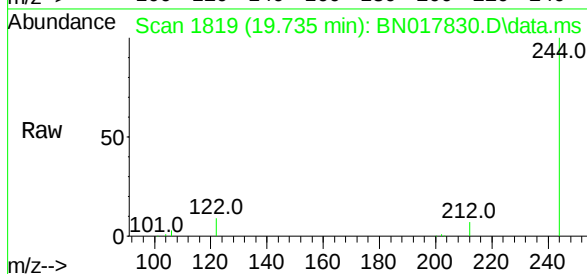
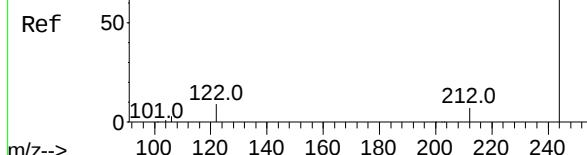
Acq: 09 Dec 2021 11:10

Instrument :

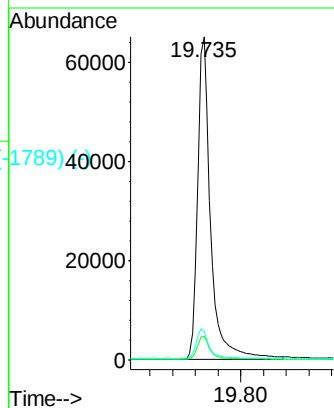
BNA_N

ClientSampleId :

RE117D2-20211130



Tgt Ion:	244	Resp:	103094
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.8
122	9.0	7.1	10.7



Abundance Scan 1979 (21.218 min): BN017764.D\data.ms (-1789) (-)

Bis(2-ethylhexyl)phthalate

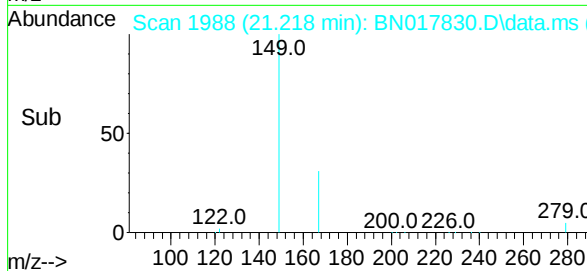
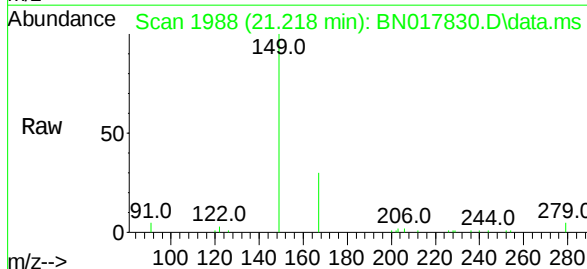
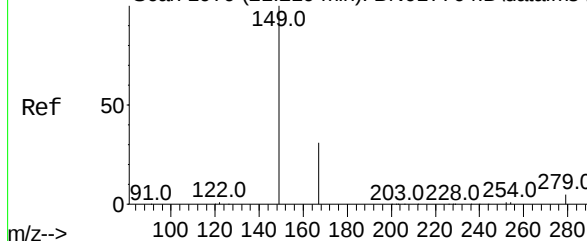
Concen: 0.13 ng

RT: 21.218 min Scan# 1988

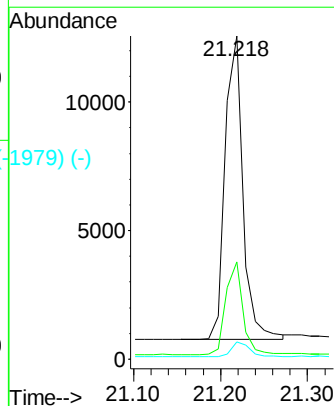
Delta R.T. -0.001 min

Lab File: BN017830.D

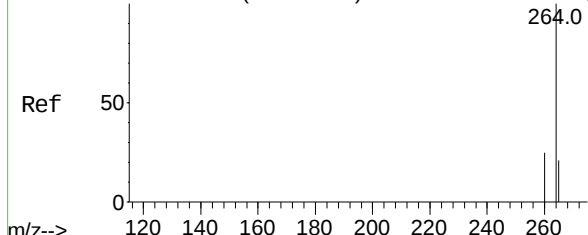
Acq: 09 Dec 2021 11:10



Tgt Ion:	149	Resp:	16809
Ion Ratio	Lower	Upper	
149	100		
167	29.3	23.5	35.3
279	4.8	3.8	5.6



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



Perylene-d12

Concen: 0.40 ng

RT: 23.592 min Scan# 1

Delta R.T. 0.010 min

Lab File: BN017830.D

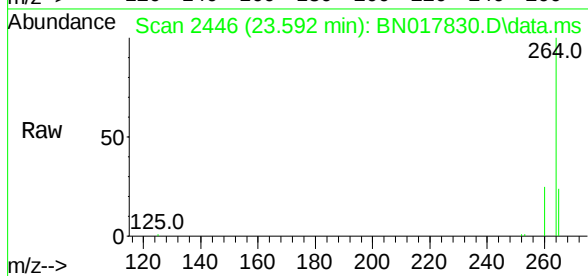
Acq: 09 Dec 2021 11:10

Instrument :

BNA_N

ClientSampleId :

RE117D2-20211130



Tgt Ion:264 Resp: 66940

Ion Ratio Lower Upper

264 100

260 25.5 20.0 30.0

265 24.2 20.5 30.7

