

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017849.D
 Acq On : 09 Dec 2021 23:54
 Operator : CG/JU
 Sample : M4922-03DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20211129DL

Quant Time: Dec 10 06:50:33 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)

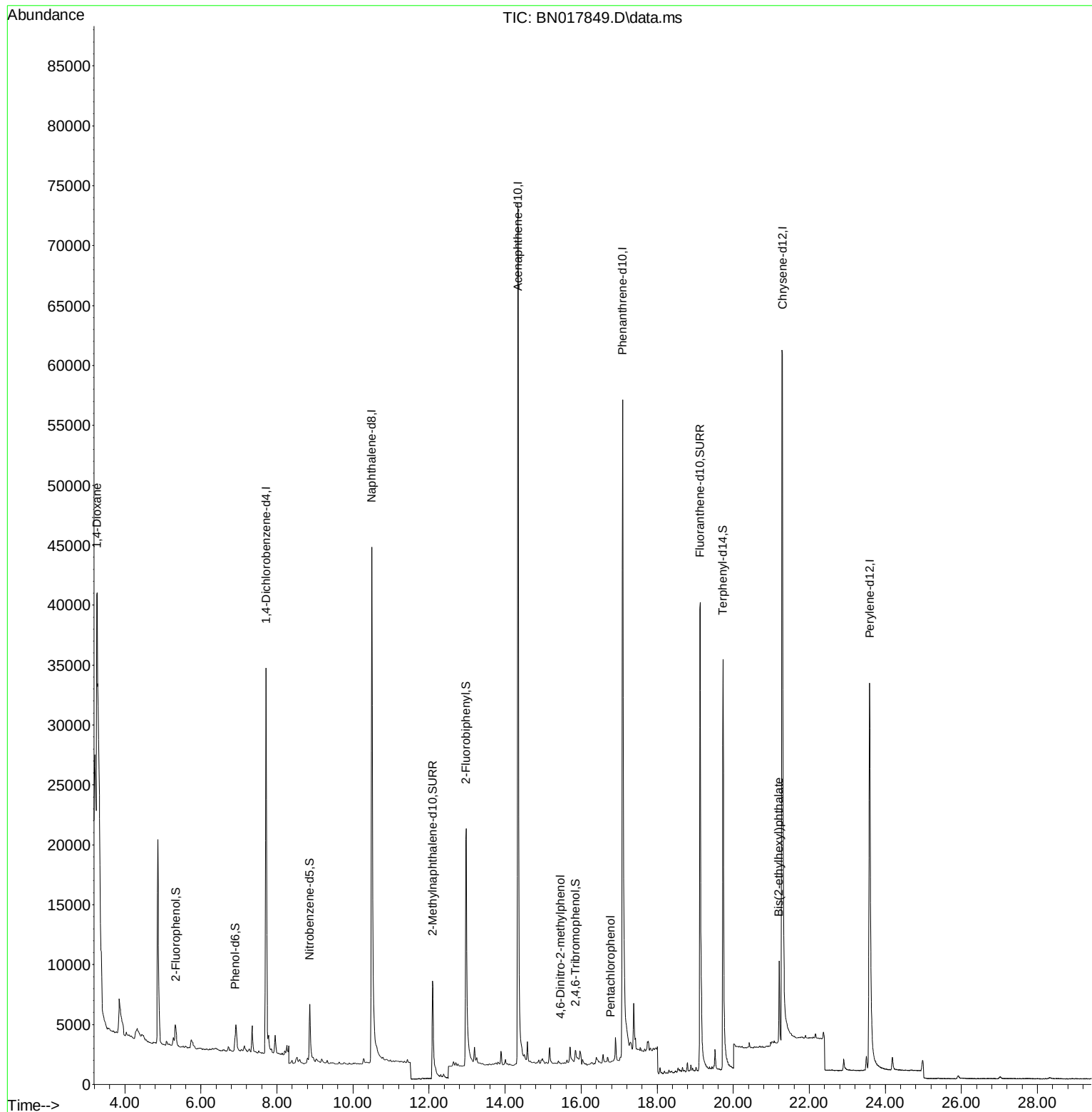
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	21500	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	81975	0.40	ng	0.00
13) Acenaphthene-d10	14.335	164	57970	0.40	ng	-0.01
19) Phenanthrene-d10	17.093	188	118071	0.40	ng	0.00
29) Chrysene-d12	21.293	240	95352	0.40	ng	# 0.01
35) Perylene-d12	23.586	264	64627	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	2465	0.05	ng	0.00
5) Phenol-d6	6.903	99	1278	0.03	ng	0.00
8) Nitrobenzene-d5	8.859	82	6411	0.12	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	18255	0.11	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	1581	0.05	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	26717	0.13	ng	0.01
27) Fluoranthene-d10	19.129	212	65054	0.16	ng	0.00
31) Terphenyl-d14	19.730	244	53746	0.26	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	31000	3.92	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.451	198	8	0.09	ng	# 1
24) Pentachlorophenol	16.776	266	8	0.28	ng	# 43
34) Bis(2-ethylhexyl)phtha...	21.208	149	6427	0.05	ng	99

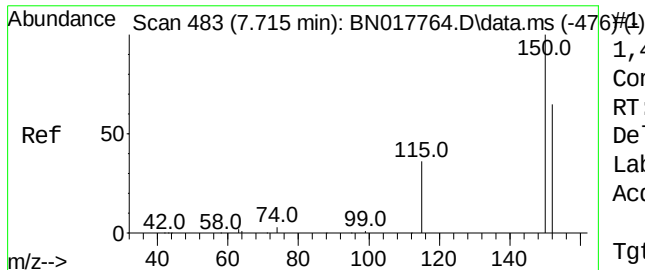
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.715 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017849.D

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Instrument :

BNA_N

ClientSampleId :

RE132D3-20211129DL

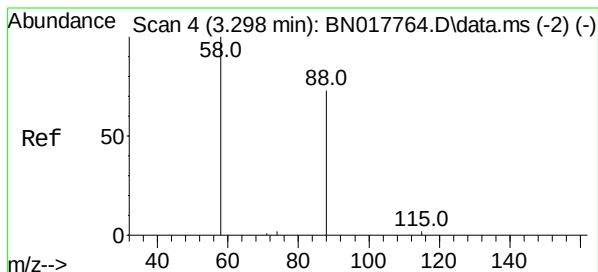
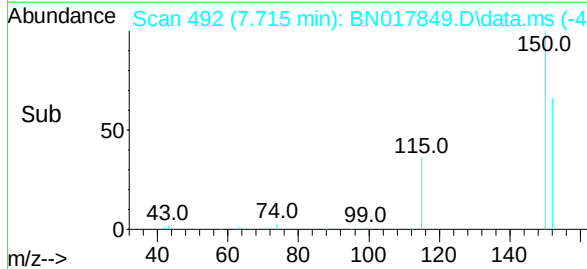
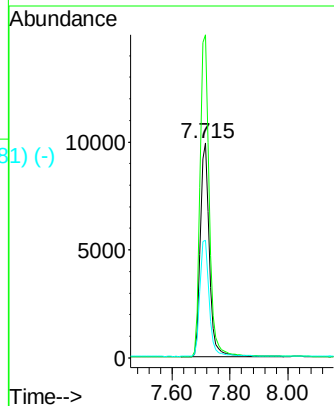
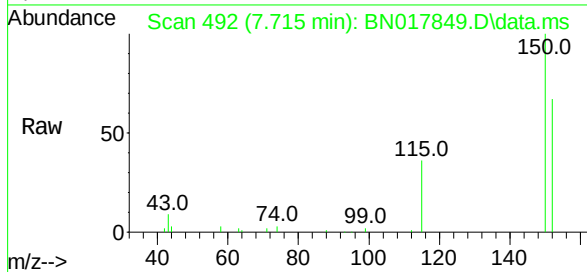
Tgt Ion:152 Resp: 21500

Ion Ratio Lower Upper

152 100

150 150.3 123.0 184.4

115 54.6 45.3 67.9



#2

1,4-Dioxane

Concen: 3.92 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

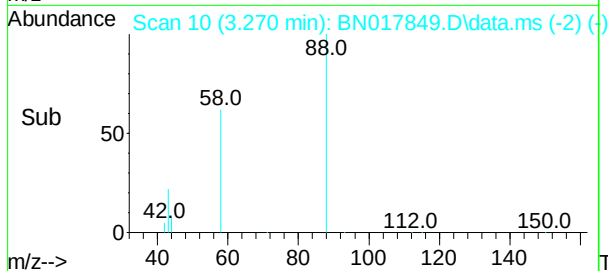
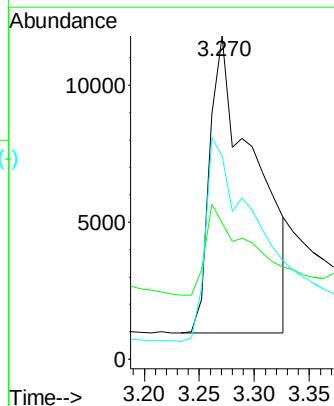
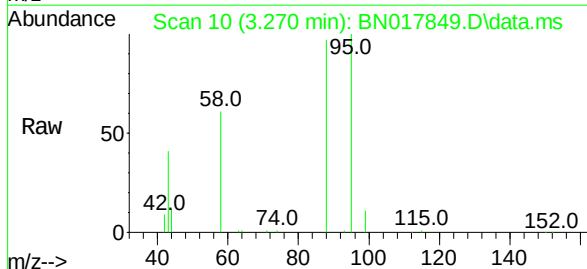
Tgt Ion: 88 Resp: 31000

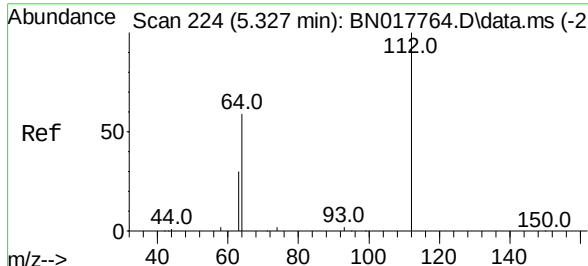
Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

58 73.8 0.0 0.0#





2-Fluorophenol

Concen: 0.05 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

Instrument :

BNA_N

ClientSampleId :

RE132D3-20211129DL

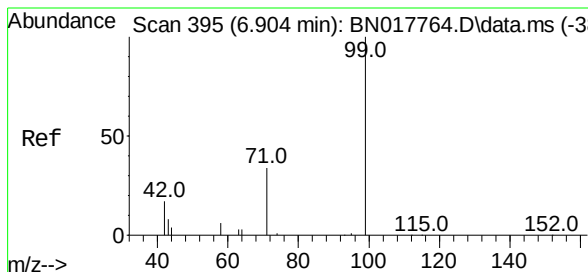
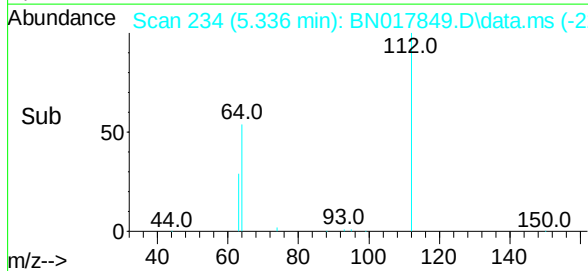
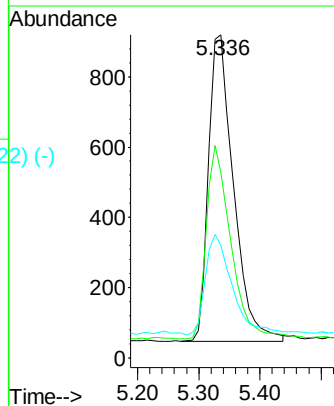
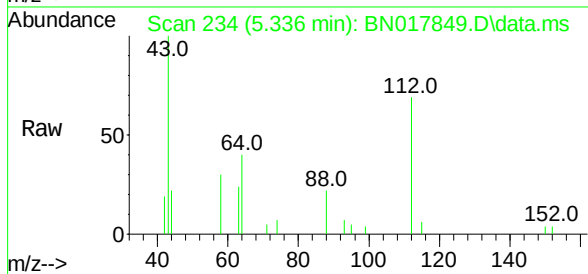
Tgt Ion:112 Resp: 2465

Ion Ratio Lower Upper

112 100

64 61.4 49.3 73.9

63 35.2 25.8 38.8



Phenol-d6

Concen: 0.03 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.000 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

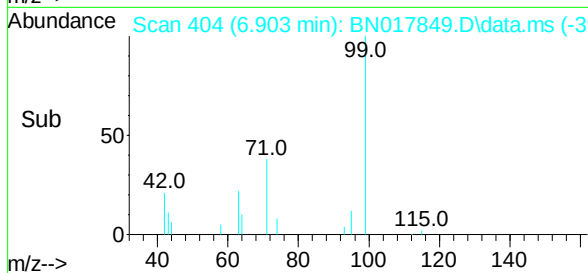
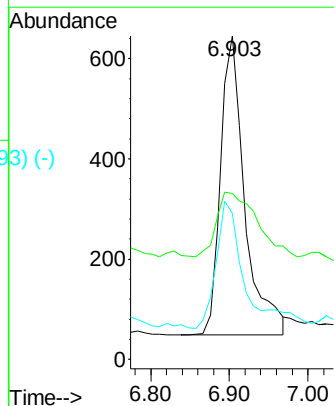
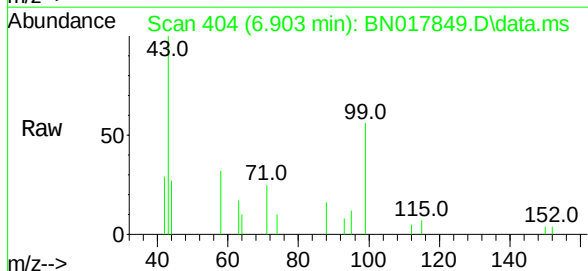
Tgt Ion: 99 Resp: 1278

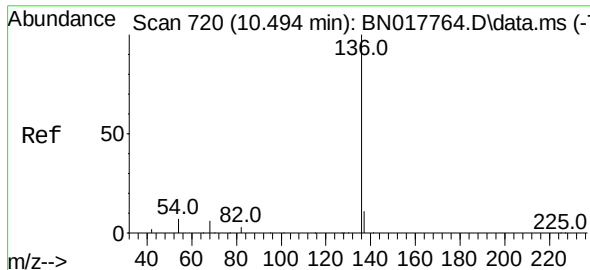
Ion Ratio Lower Upper

99 100

42 34.6 16.6 25.0#

71 47.3 29.0 43.4#





Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan#

Delta R.T. -0.000 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

Instrument :

BNA_N

ClientSampleId :

RE132D3-20211129DL

Tgt Ion:136 Resp: 81975

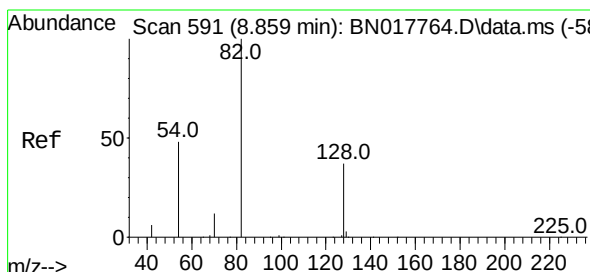
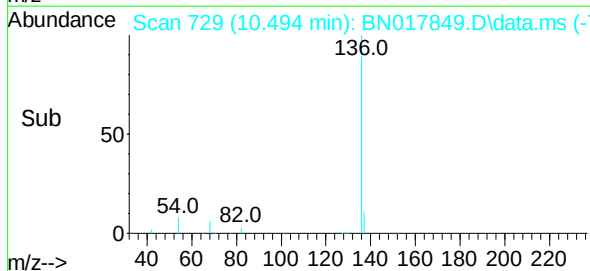
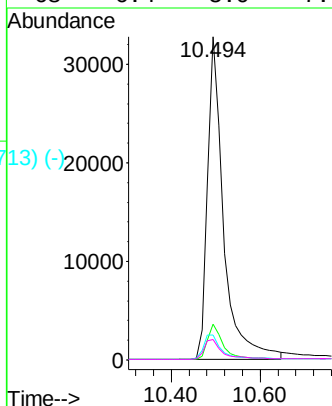
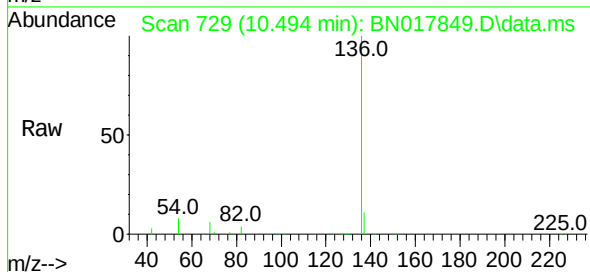
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.8 5.9 8.9

68 6.4 5.0 7.6



Nitrobenzene-d5

Concen: 0.12 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

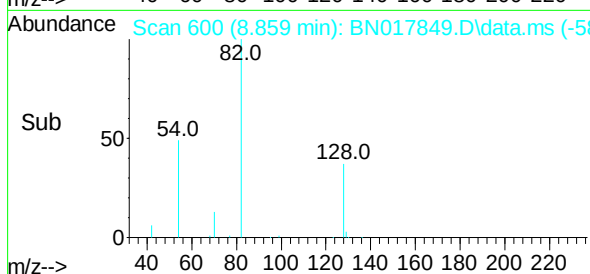
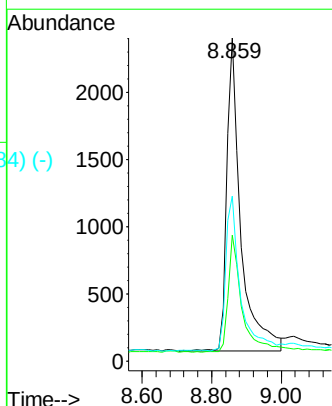
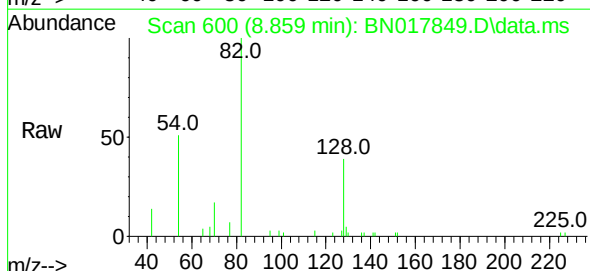
Tgt Ion: 82 Resp: 6411

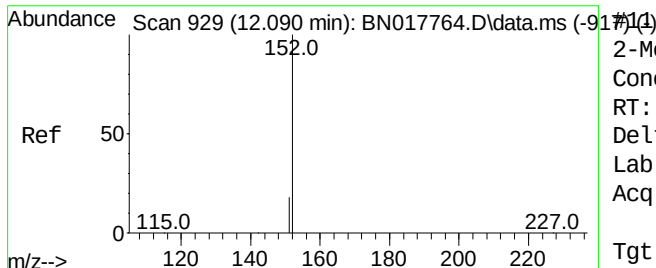
Ion Ratio Lower Upper

82 100

128 39.0 30.2 45.2

54 51.1 39.0 58.6

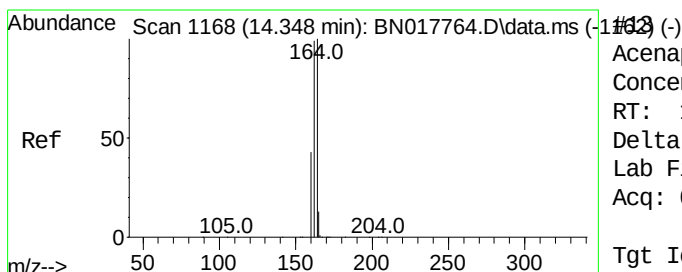
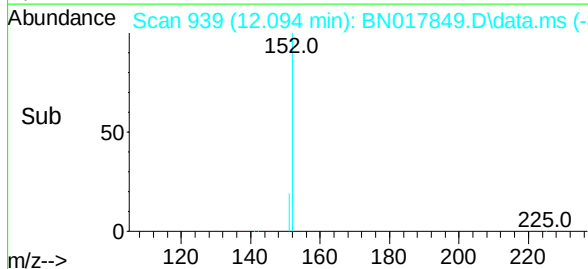
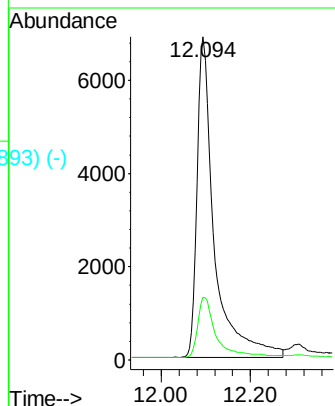
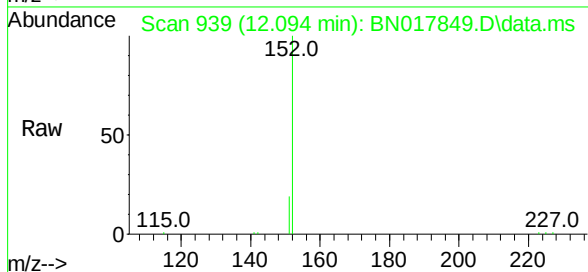




2-Methylnaphthalene-d10
 Concen: 0.11 ng
 RT: 12.094 min Scan# 939
 Delta R.T. 0.004 min
 Lab File: BN017849.D
 Acq: 09 Dec 2021 23:54

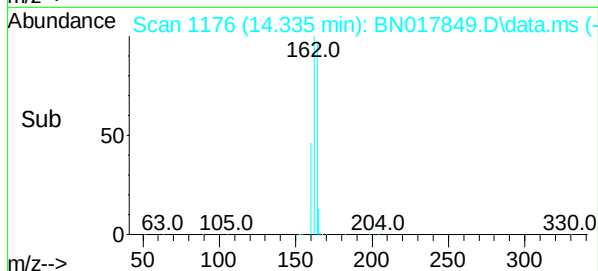
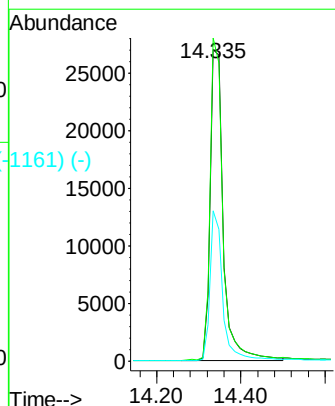
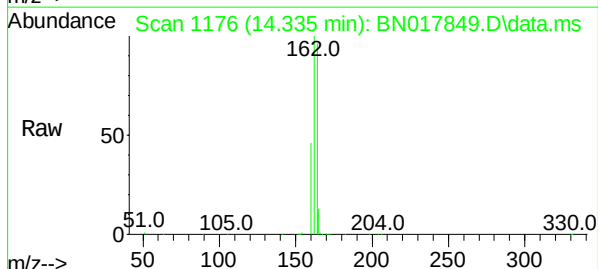
Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20211129DL

Tgt Ion:152 Resp: 18255
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.4 24.6

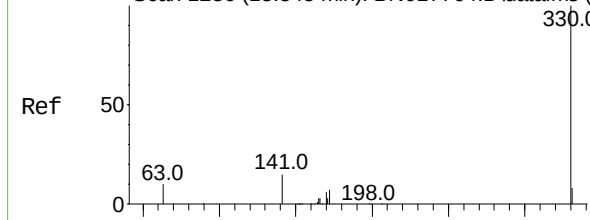


Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.335 min Scan# 1176
 Delta R.T. -0.013 min
 Lab File: BN017849.D
 Acq: 09 Dec 2021 23:54

Tgt Ion:164 Resp: 57970
 Ion Ratio Lower Upper
 164 100
 162 103.8 79.0 118.6
 160 48.2 34.6 52.0



Abundance Scan 1286 (15.845 min): BN017764.D\data.ms (-1281) (-)



2,4,6-Tribromophenol

Concen: 0.05 ng

RT: 15.857 min Scan#

Delta R.T. 0.012 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

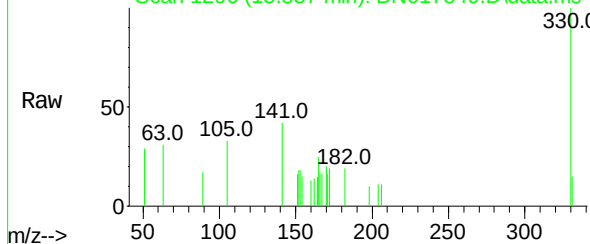
Instrument :

BNA_N

ClientSampleId :

RE132D3-20211129DL

Abundance Scan 1296 (15.857 min): BN017849.D\data.ms



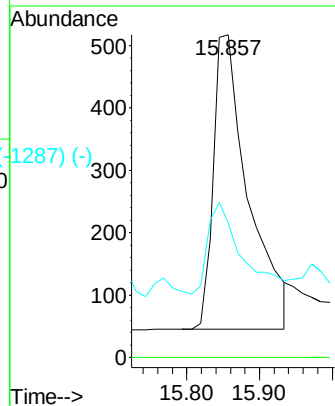
Tgt Ion:330 Resp: 1581

Ion Ratio Lower Upper

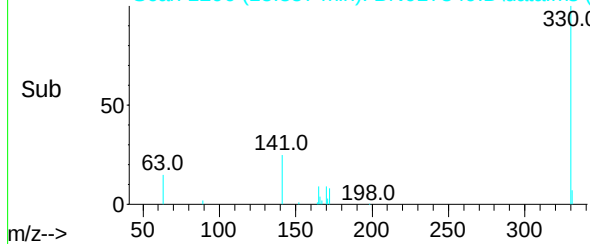
330 100

332 0.0 0.0 0.0

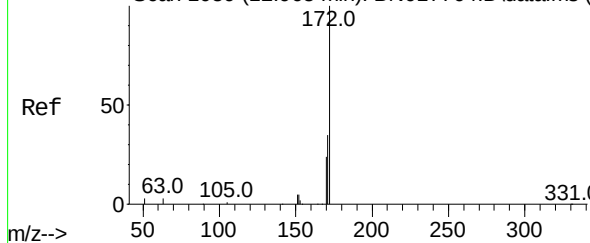
141 30.2 21.5 32.3



Abundance Scan 1296 (15.857 min): BN017849.D\data.ms (-1287) (-)



Abundance Scan 1059 (12.965 min): BN017764.D\data.ms (-1035) (-)



2-Fluorobiphenyl

Concen: 0.13 ng

RT: 12.977 min Scan# 1069

Delta R.T. 0.012 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

Tgt Ion:172 Resp: 26717

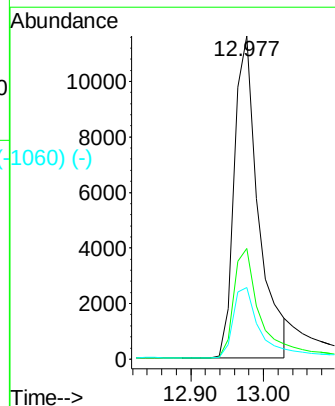
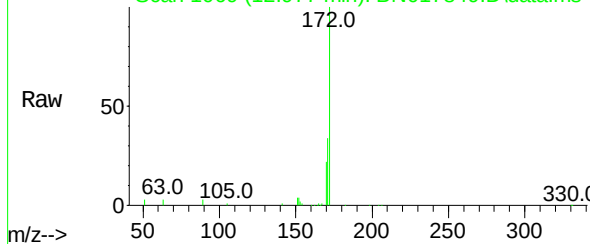
Ion Ratio Lower Upper

172 100

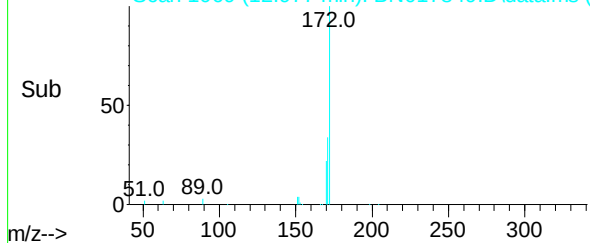
171 34.2 28.1 42.1

170 22.1 18.9 28.3

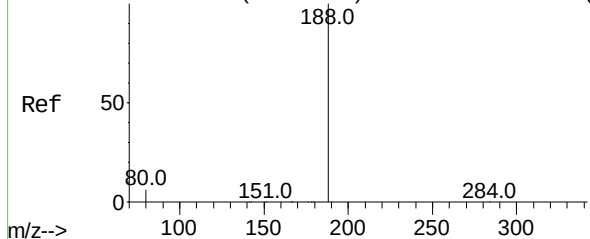
Abundance Scan 1069 (12.977 min): BN017849.D\data.ms



Abundance Scan 1069 (12.977 min): BN017849.D\data.ms (-1060) (-)



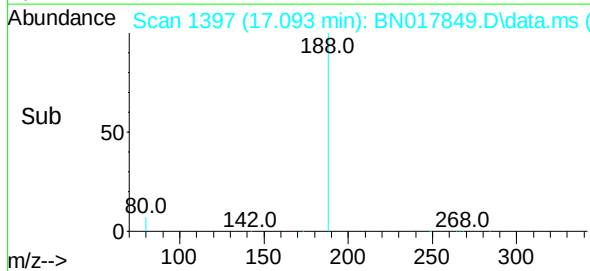
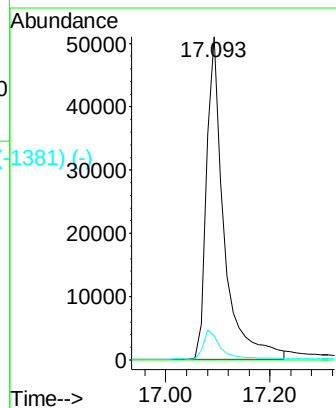
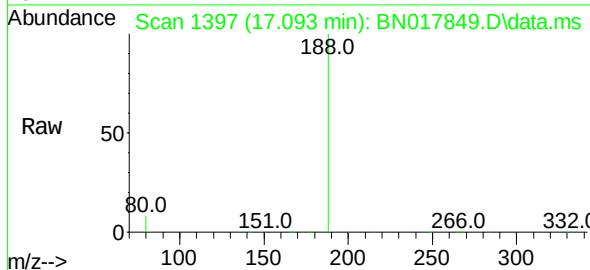
Abundance Scan 1388 (17.093 min): BN017764.D\data.ms (-1388) (-)



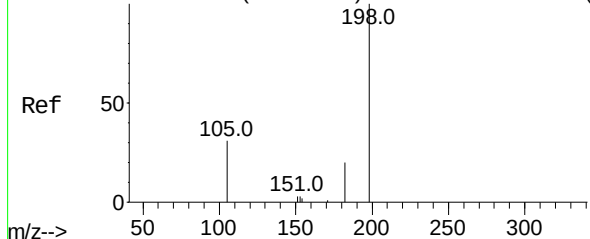
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.093 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54

Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129DL

Tgt Ion:188 Resp: 118071
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 5.1 7.7

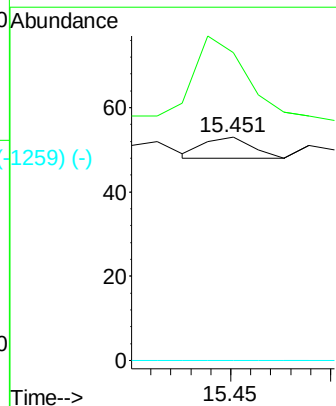
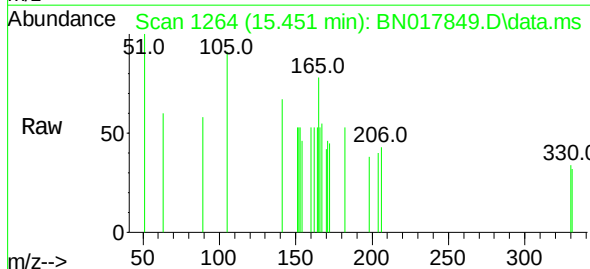


Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1258) (-)

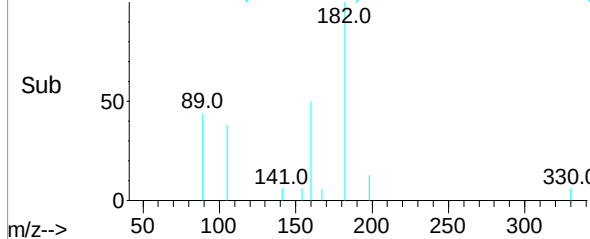


4,6-Dinitro-2-methylphenol
Concen: 0.09 ng
RT: 15.451 min Scan# 1264
Delta R.T. -0.038 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 137.7 44.2 66.2#
77 0.0 0.0 0.0



Abundance Scan 1264 (15.451 min): BN017849.D\data.ms (-1259) (-)



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

Pentachlorophenol

Concen: 0.28 ng

RT: 16.776 min Scan# 1361

Delta R.T. 0.012 min

Lab File: BN017849.D

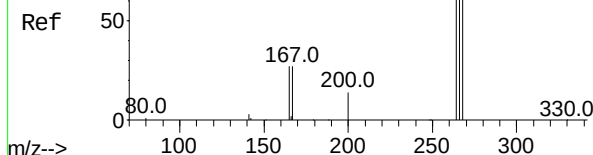
Acq: 09 Dec 2021 23:54

Instrument :

BNA_N

ClientSampleId :

RE132D3-20211129DL



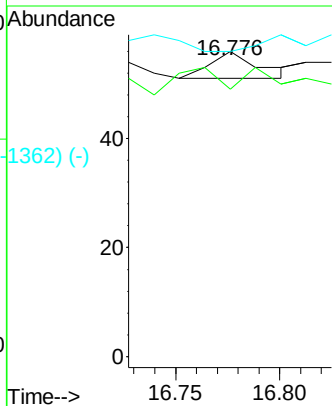
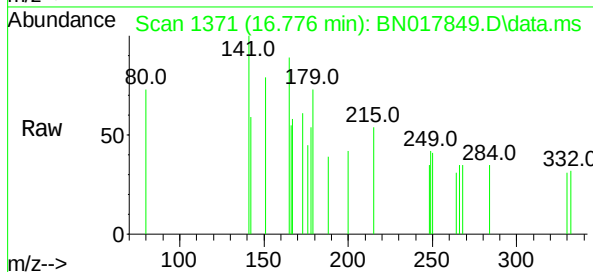
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

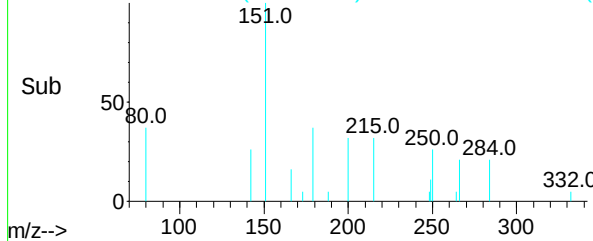
266 100

264 87.5 50.8 76.2#

268 0.0 51.8 77.6#



Abundance Scan 1371 (16.776 min): BN017849.D\data.ms (-1362) (-)



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

Fluoranthene-d10

Concen: 0.16 ng

RT: 19.129 min Scan# 1697

Delta R.T. -0.000 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

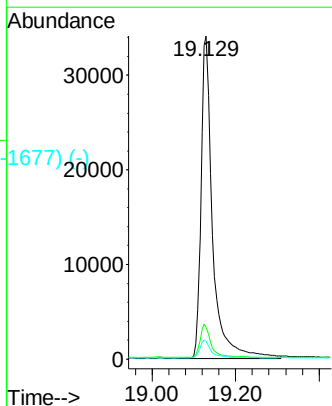
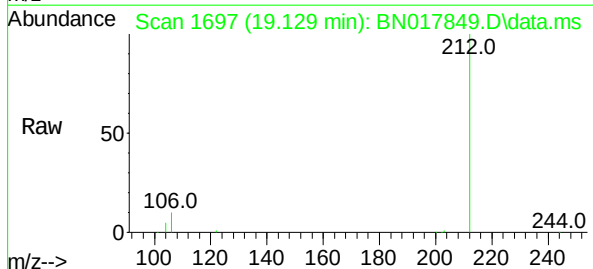
Tgt Ion:212 Resp: 65054

Ion Ratio Lower Upper

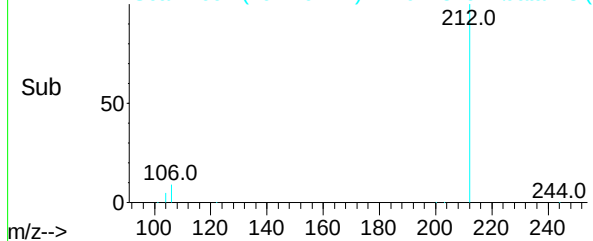
212 100

106 9.7 8.2 12.2

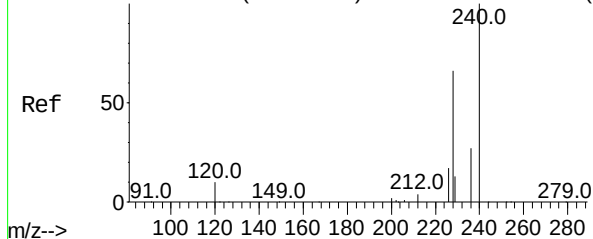
104 5.8 4.6 6.8



Abundance Scan 1697 (19.129 min): BN017849.D\data.ms (-1677) (-)



Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1975) (-)



Chrysene-d12

Concen: 0.40 ng

RT: 21.293 min Scan# 1985

Delta R.T. 0.010 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

Instrument :

BNA_N

ClientSampleId :

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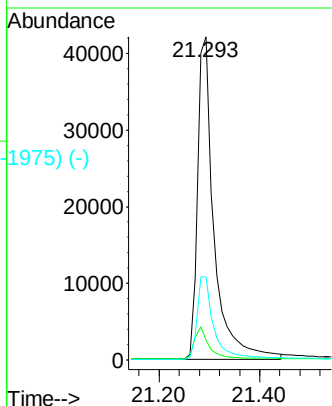
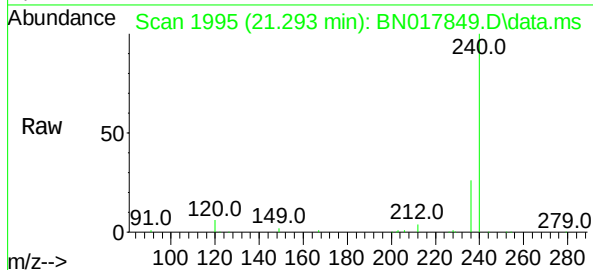
Tgt Ion:240 Resp: 95352

Ion Ratio Lower Upper

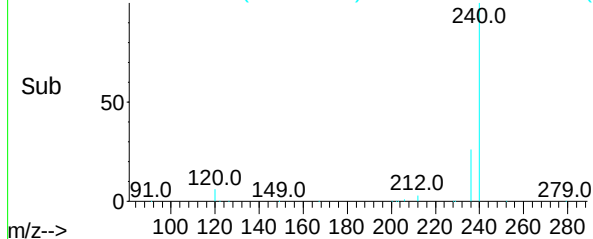
240 100

120 6.1 7.9 11.9#

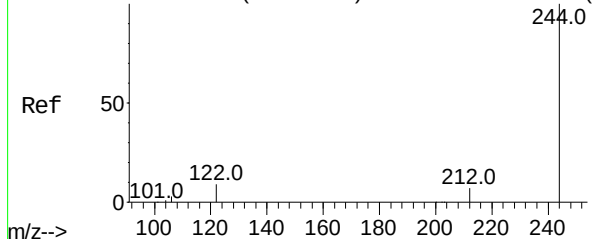
236 25.7 21.4 32.2



Abundance Scan 1995 (21.293 min): BN017849.D\data.ms (-1975) (-)



Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1801) (-)



Terphenyl-d14

Concen: 0.26 ng

RT: 19.730 min Scan# 1818

Delta R.T. -0.005 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

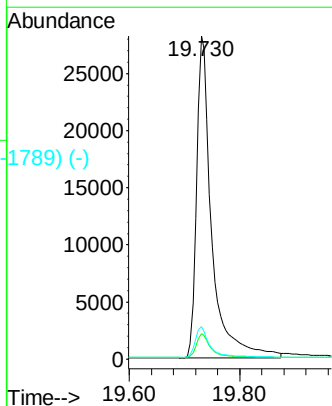
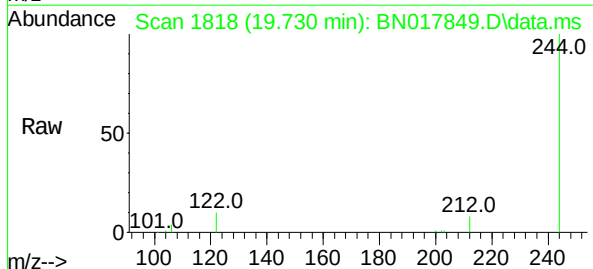
Tgt Ion:244 Resp: 53746

Ion Ratio Lower Upper

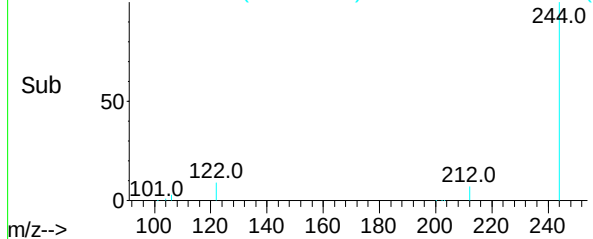
244 100

212 7.9 5.8 8.8

122 10.0 7.1 10.7



Abundance Scan 1818 (19.730 min): BN017849.D\data.ms (-1789) (-)



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

Bis(2-ethylhexyl)phthalate

Concen: 0.05 ng

RT: 21.208 min Scan# 1979

Delta R.T. -0.011 min

Lab File: BN017849.D

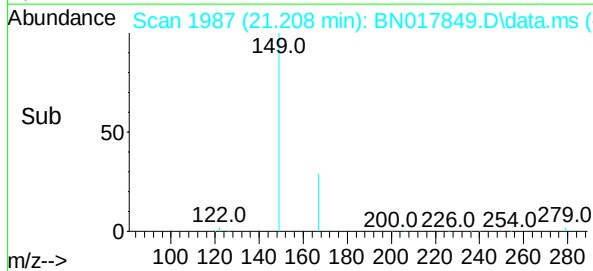
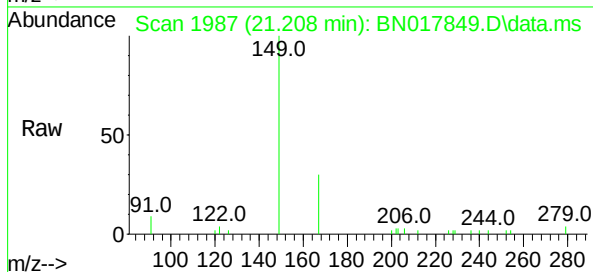
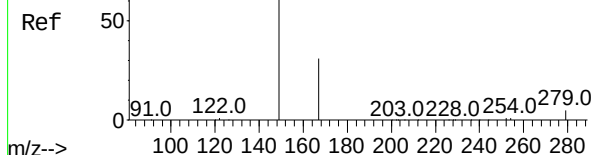
Acq: 09 Dec 2021 23:54

Instrument :

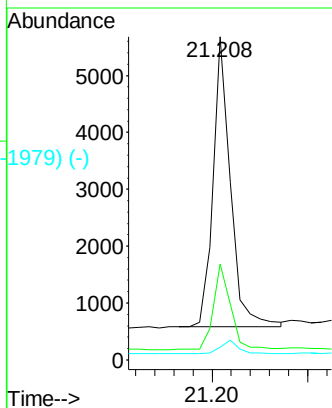
BNA_N

ClientSampleId :

RE132D3-20211129DL



Tgt Ion:	149	Resp:	6427
Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.5	35.3
279	5.0	3.8	5.6



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

Perylene-d12

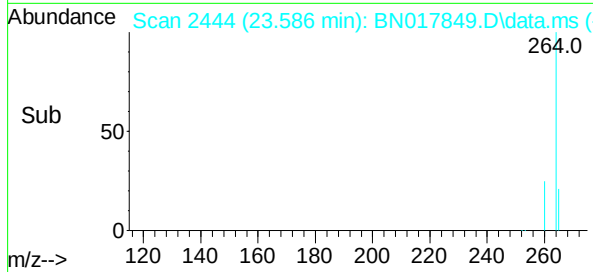
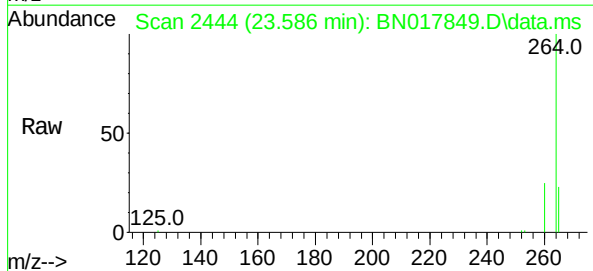
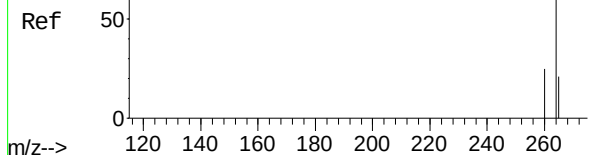
Concen: 0.40 ng

RT: 23.586 min Scan# 2444

Delta R.T. 0.003 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54



Tgt Ion:	264	Resp:	64627
Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	23.0	20.5	30.7

