

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110623\
 Data File : BN028482.D
 Acq On : 06 Nov 2023 14:59
 Operator : MA/JU
 Sample : PB156879BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156879BL

Quant Time: Nov 06 15:58:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 06:26:50 2023
 Response via : Initial Calibration

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

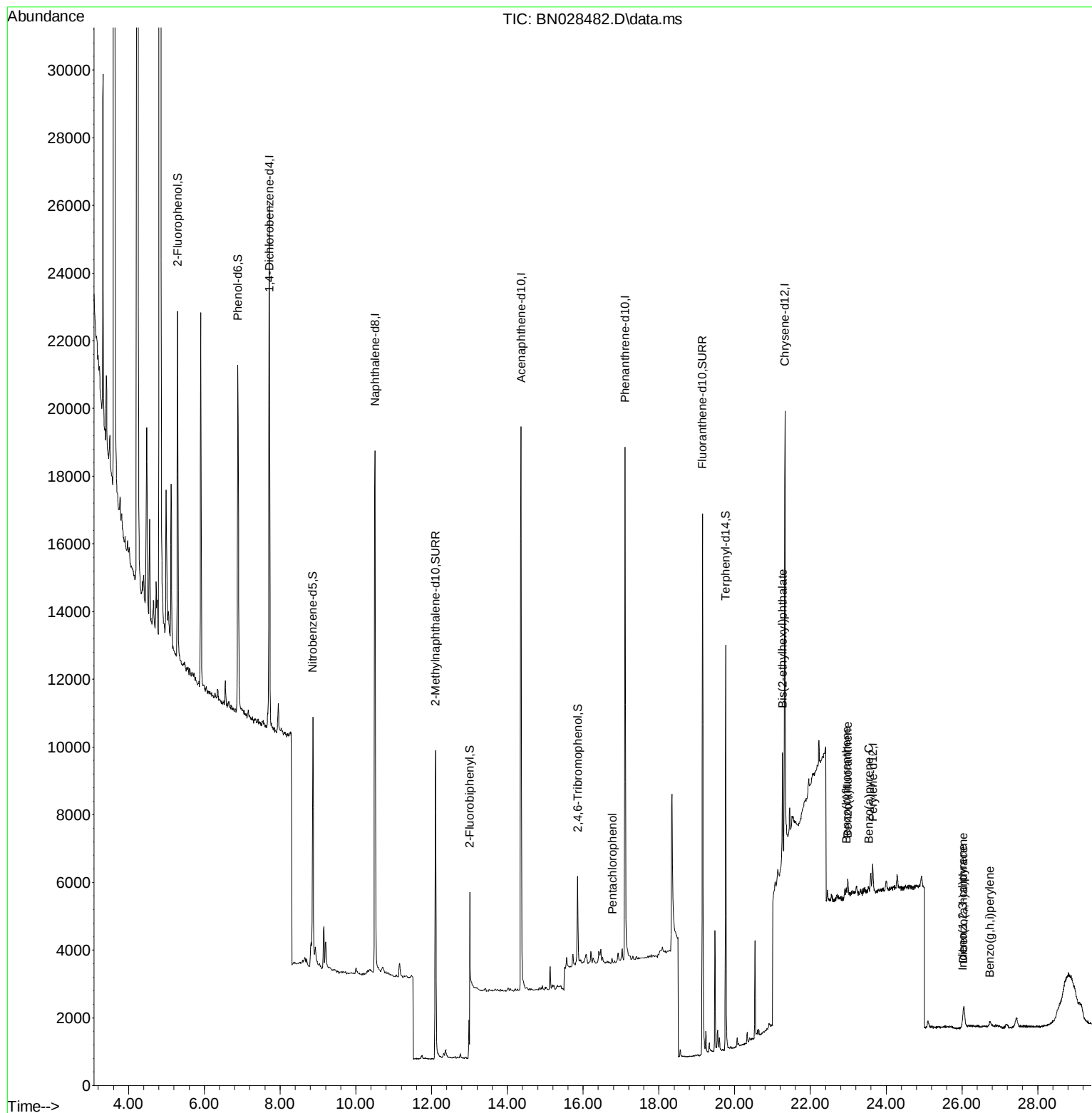
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	7682	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	21899	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	10055	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	20596	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	12828	0.400	ng	0.00
35) Perylene-d12	23.646	264	962	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	8427	0.420	ng	0.00
5) Phenol-d6	6.887	99	9267	0.365	ng	0.00
8) Nitrobenzene-d5	8.865	82	5917	0.418	ng	-0.01
11) 2-Methylnaphthalene-d10	12.102	152	12493	0.399	ng	-0.01
14) 2,4,6-Tribromophenol	15.855	330	1568	0.400	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	1993	0.167	ng	0.00
27) Fluoranthene-d10	19.152	212	18093	0.355	ng	0.00
31) Terphenyl-d14	19.765	244	12425	0.460	ng	0.00
Target Compounds						
						Qvalue
24) Pentachlorophenol	16.773	266	118	0.027	ng	91
34) Bis(2-ethylhexyl)phtha...	21.266	149	4156	0.158	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.023	276	168	0.092	ng	# 55
37) Benzo(b)fluoranthene	22.947	252	344	0.159	ng	# 1
38) Benzo(k)fluoranthene	22.994	252	179	0.048	ng	# 1
39) Benzo(a)pyrene	23.540	252	78	0.024	ng	# 1
40) Dibenzo(a,h)anthracene	26.040	278	421	0.137	ng	# 1
41) Benzo(g,h,i)perylene	26.739	276	94	0.029	ng	# 1

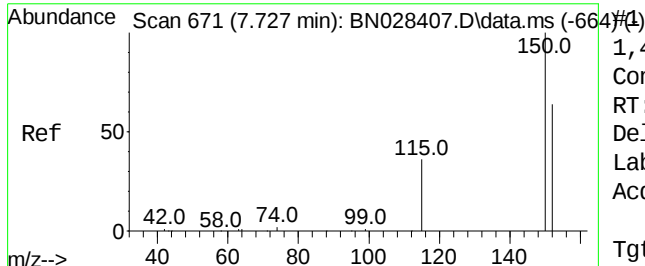
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110623\
Data File : BN028482.D
Acq On : 06 Nov 2023 14:59
Operator : MA/JU
Sample : PB156879BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156879BL

Quant Time: Nov 06 15:58:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.717 min Scan#

Delta R.T. -0.010 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB156879BL

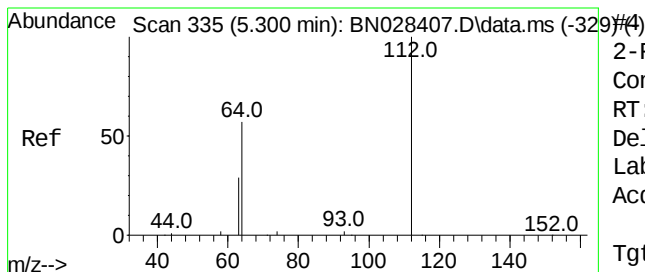
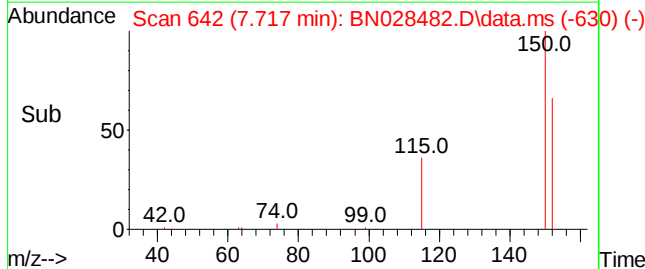
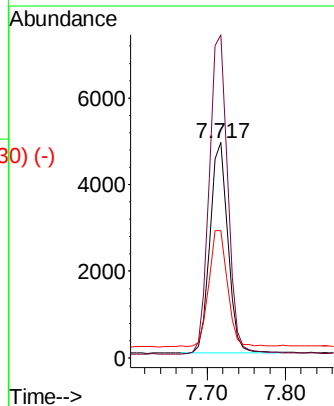
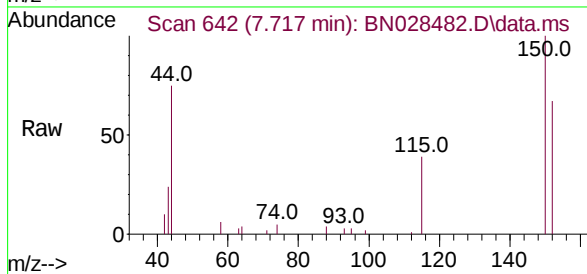
Tgt Ion:152 Resp: 7682

Ion Ratio Lower Upper

152 100

150 149.9 123.8 185.6

115 59.1 47.0 70.6



2-Fluorophenol

Concen: 0.420 ng

RT: 5.298 min Scan# 307

Delta R.T. -0.002 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

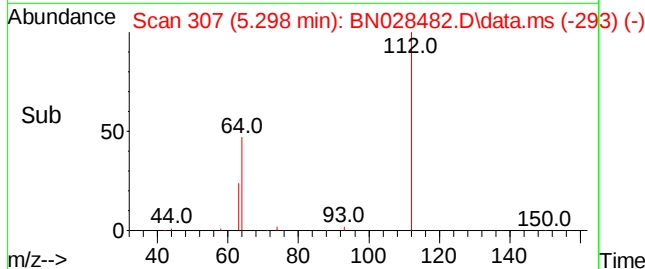
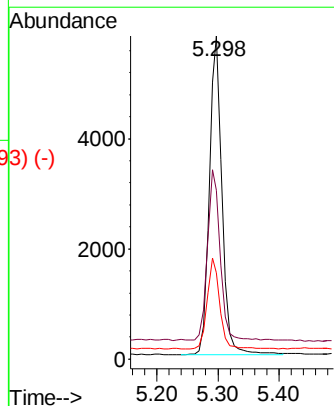
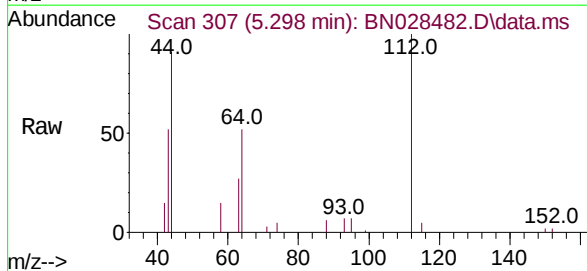
Tgt Ion:112 Resp: 8427

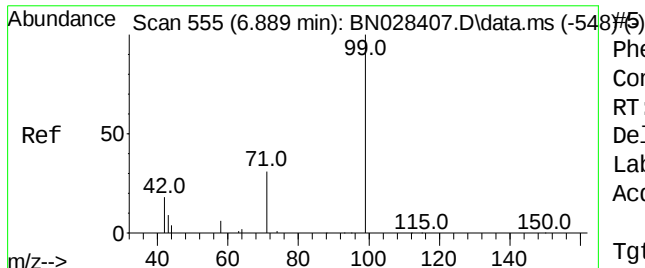
Ion Ratio Lower Upper

112 100

64 53.2 44.3 66.5

63 28.5 22.6 33.8





Phenol-d6

Concen: 0.365 ng

RT: 6.887 min Scan# 555

Delta R.T. -0.002 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB156879BL

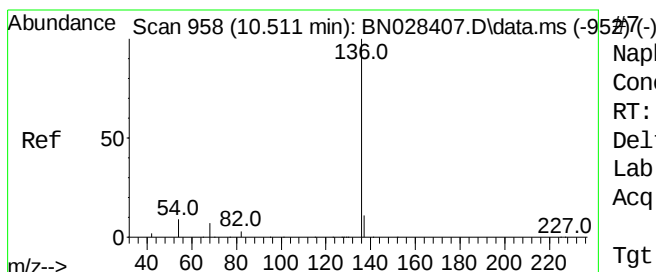
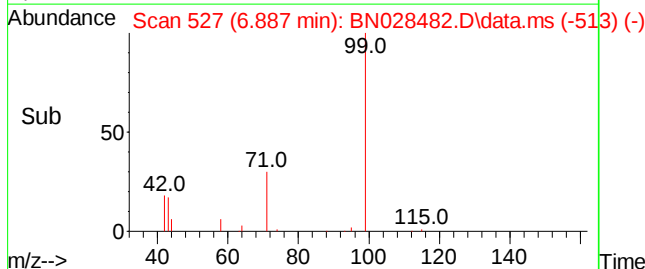
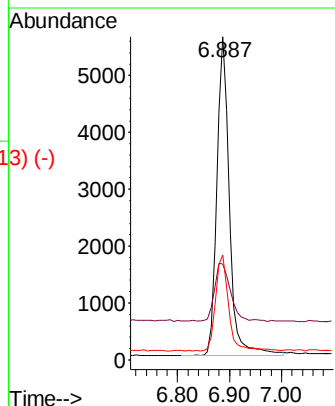
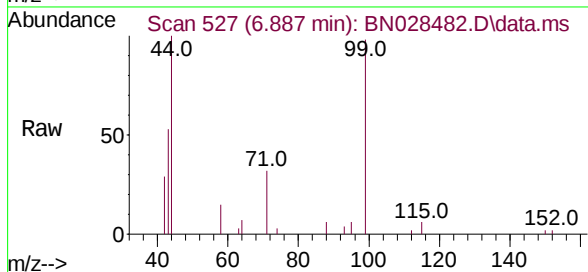
Tgt Ion: 99 Resp: 9267

Ion Ratio Lower Upper

99 100

42 23.7 15.4 23.0#

71 31.5 24.4 36.6



Naphthalene-d8

Concen: 0.400 ng

RT: 10.509 min Scan# 930

Delta R.T. -0.002 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

Tgt Ion: 136 Resp: 21899

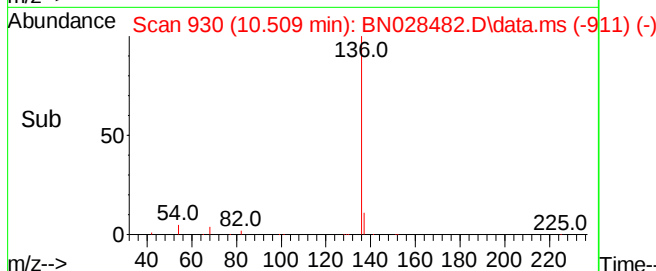
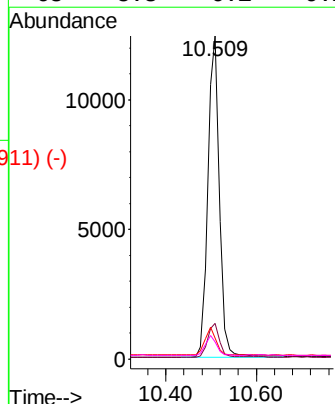
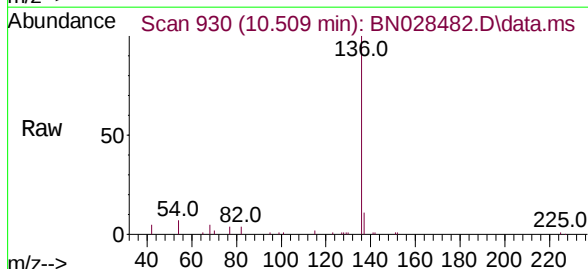
Ion Ratio Lower Upper

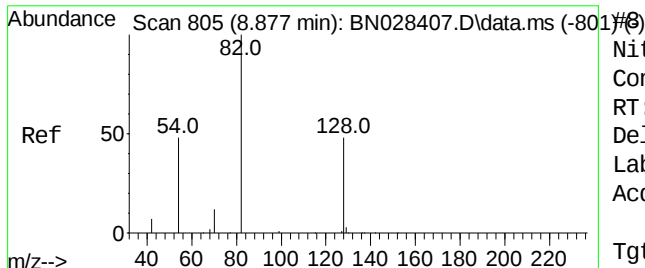
136 100

137 11.2 9.0 13.4

54 6.5 7.9 11.9#

68 5.3 6.1 9.1#





Nitrobenzene-d5

Concen: 0.418 ng

RT: 8.865 min Scan#

Delta R.T. -0.013 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB156879BL

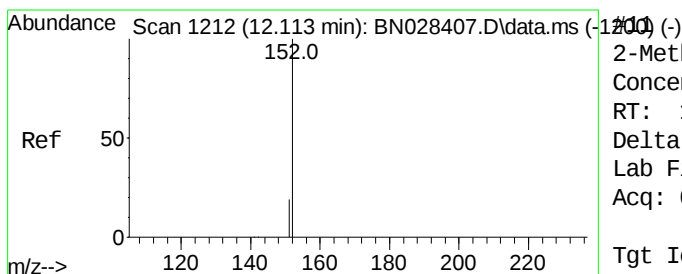
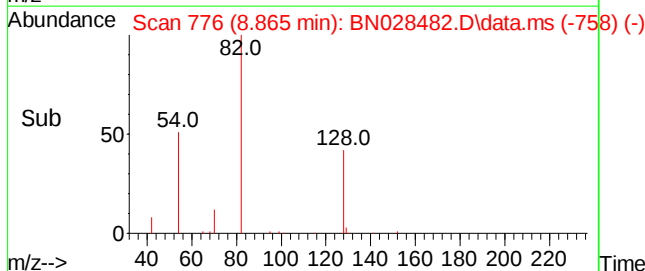
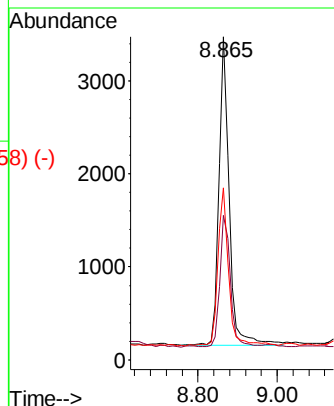
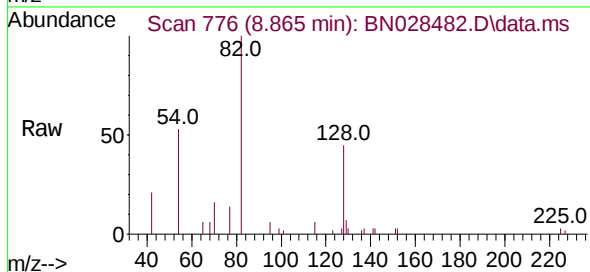
Tgt Ion: 82 Resp: 5917

Ion Ratio Lower Upper

82 100

128 44.7 38.8 58.2

54 53.2 40.3 60.5



2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 12.102 min Scan# 1180

Delta R.T. -0.010 min

Lab File: BN028482.D

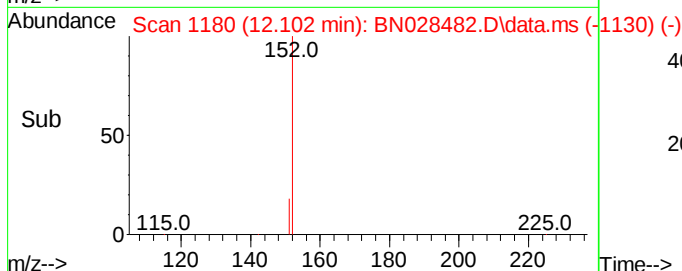
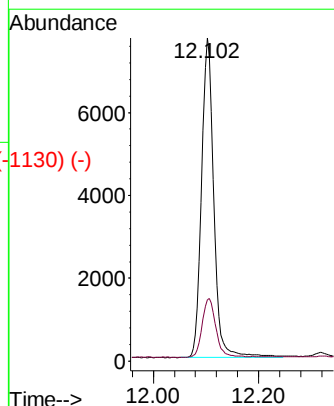
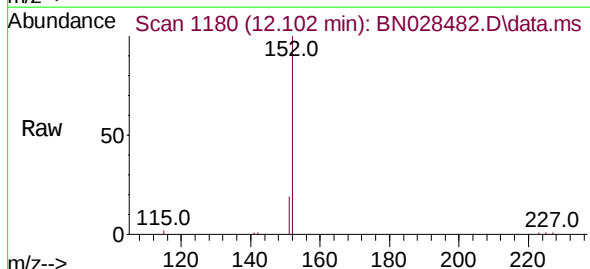
Acq: 06 Nov 2023 14:59

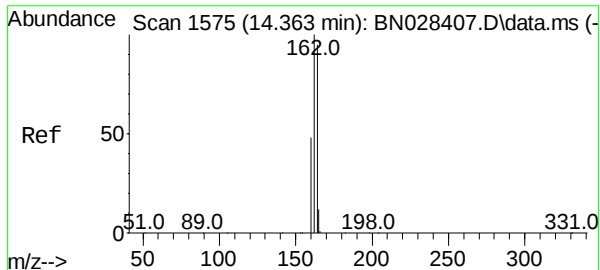
Tgt Ion: 152 Resp: 12493

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6





Acenaphthene-d10

Concen: 0.400 ng

RT: 14.363 min Scan# 1575

Delta R.T. 0.001 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB156879BL

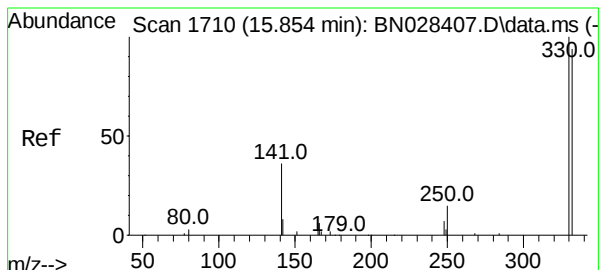
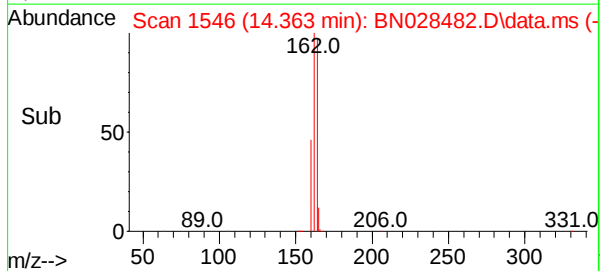
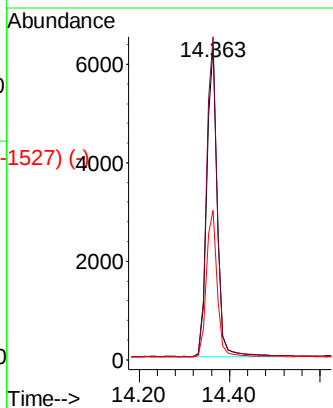
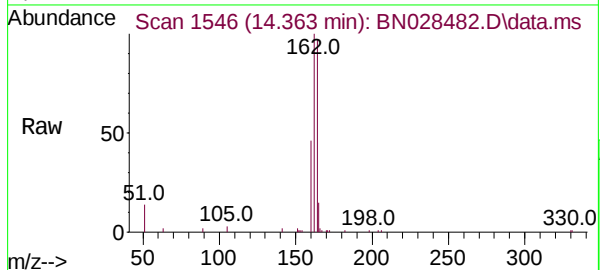
Tgt Ion:164 Resp: 10055

Ion Ratio Lower Upper

164 100

162 103.3 84.6 127.0

160 47.8 41.3 61.9



2,4,6-Tribromophenol

Concen: 0.400 ng

RT: 15.855 min Scan# 1681

Delta R.T. 0.001 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

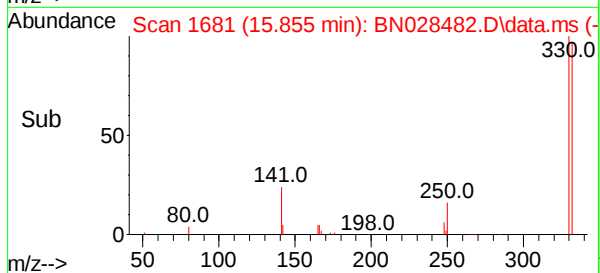
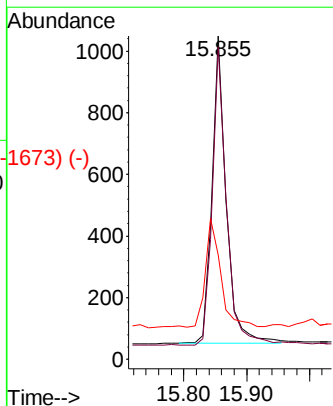
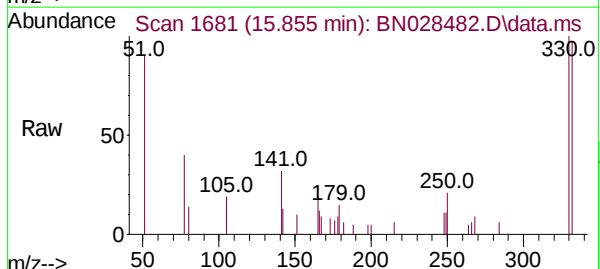
Tgt Ion:330 Resp: 1568

Ion Ratio Lower Upper

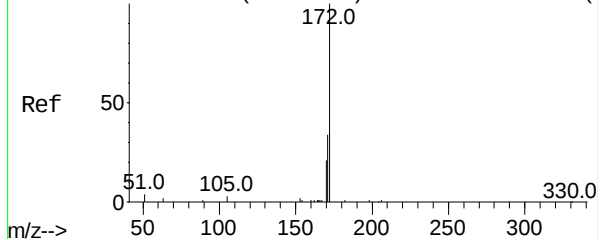
330 100

332 97.0 76.2 114.2

141 38.5 32.8 49.2



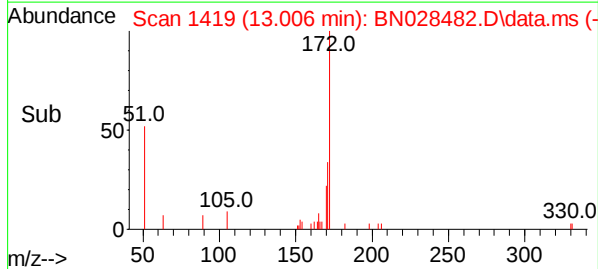
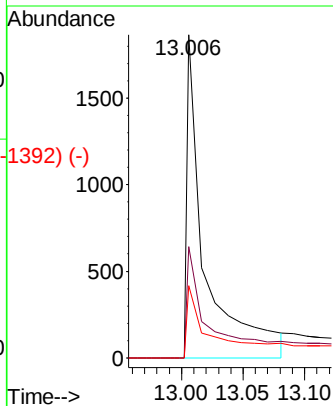
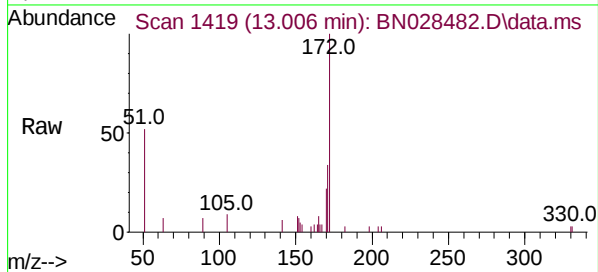
Abundance Scan 1448 (13.005 min): BN028407.D\data.ms (-1415) (-)



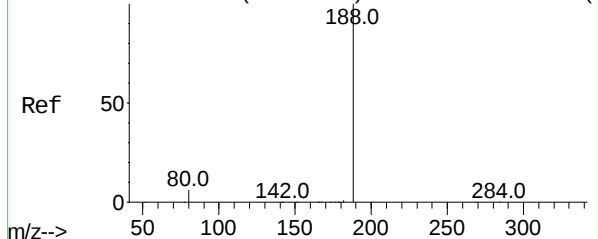
2-Fluorobiphenyl
Concen: 0.167 ng
RT: 13.006 min Scan# 1419
Delta R.T. 0.001 min
Lab File: BN028482.D
Acq: 06 Nov 2023 14:59

Instrument :
BNA_N
ClientSampleId :
PB156879BL

Tgt Ion:	172	Resp:	1993
Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.2	40.8
170	22.4	17.1	25.7

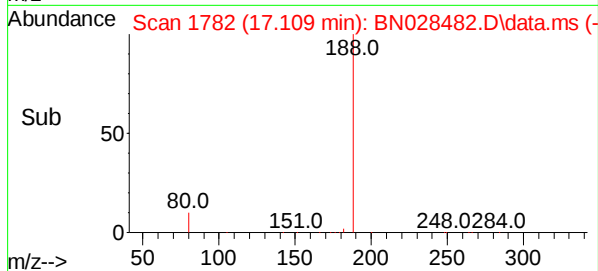
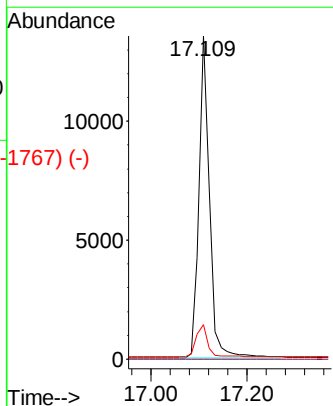
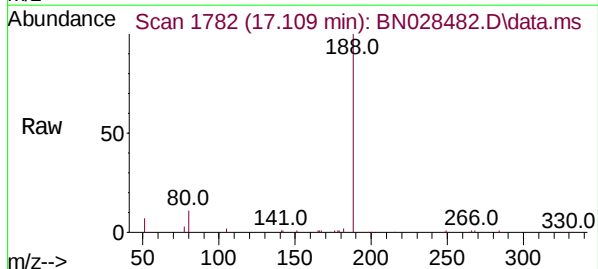


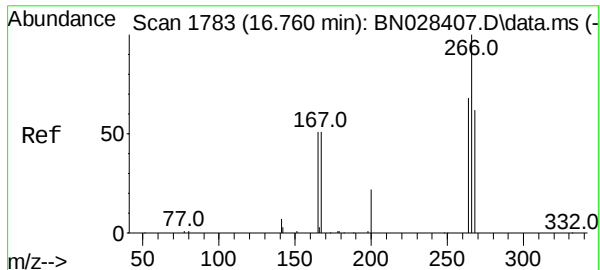
Abundance Scan 1812 (17.120 min): BN028407.D\data.ms (-1801) (-)



Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BN028482.D
Acq: 06 Nov 2023 14:59

Tgt Ion:	188	Resp:	20596
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	5.3	7.9#

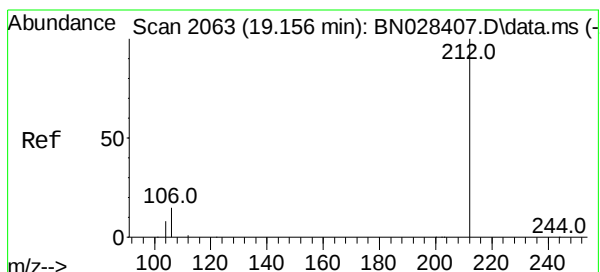
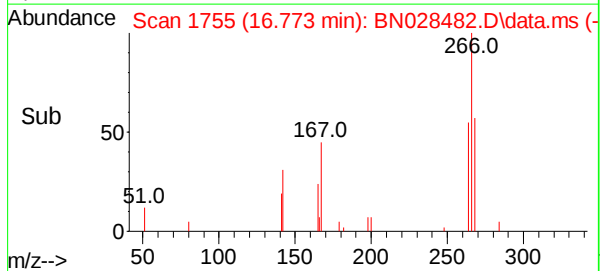
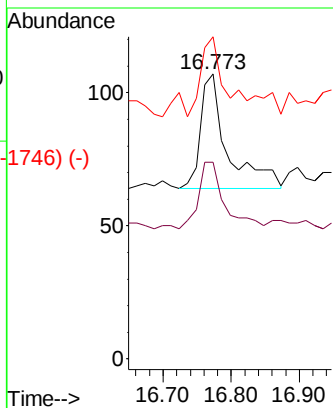
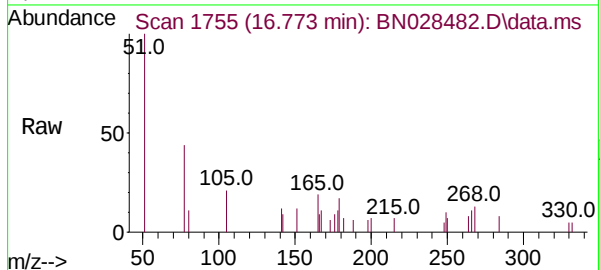




#234 (-)
 Pentachlorophenol
 Concen: 0.027 ng
 RT: 16.773 min Scan# 1783
 Delta R.T. 0.013 min
 Lab File: BN028482.D
 Acq: 06 Nov 2023 14:59

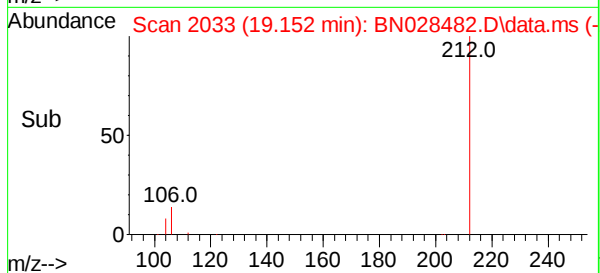
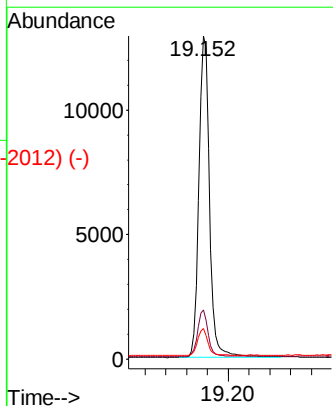
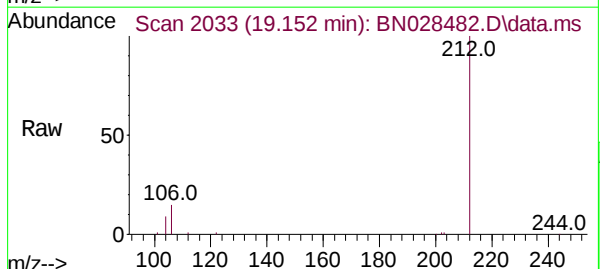
Instrument :
 BNA_N
 ClientSampleId :
 PB156879BL

Tgt Ion:	266	Resp:	118
Ion	Ratio	Lower	Upper
266	100		
264	56.8	50.9	76.3
268	70.3	51.0	76.4

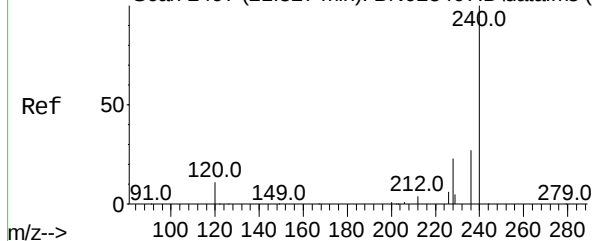


#235 (-)
 Fluoranthene-d10
 Concen: 0.355 ng
 RT: 19.152 min Scan# 2033
 Delta R.T. -0.004 min
 Lab File: BN028482.D
 Acq: 06 Nov 2023 14:59

Tgt Ion:	212	Resp:	18093
Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.9	17.9
104	7.9	6.7	10.1



Abundance Scan 2497 (21.327 min): BN028407.D\data.ms (-2429) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.328 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB156879BL

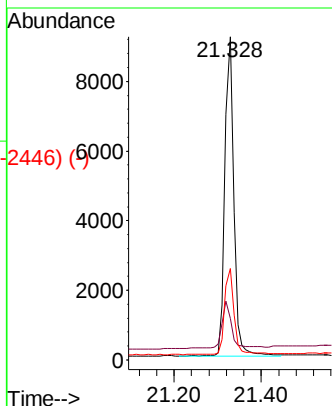
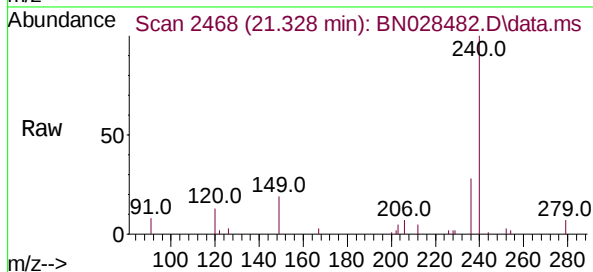
Tgt Ion:240 Resp: 12828

Ion Ratio Lower Upper

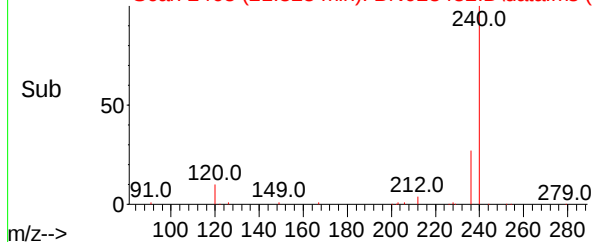
240 100

120 12.9 9.8 14.6

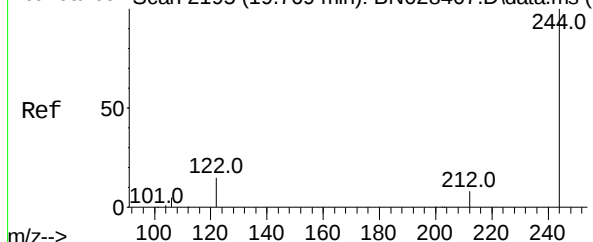
236 28.4 22.2 33.2



Abundance Scan 2468 (21.328 min): BN028482.D\data.ms (-2446) (-)



Abundance Scan 2195 (19.769 min): BN028407.D\data.ms (-2185) (-)



Terphenyl-d14

Concen: 0.460 ng

RT: 19.765 min Scan# 2165

Delta R.T. -0.004 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

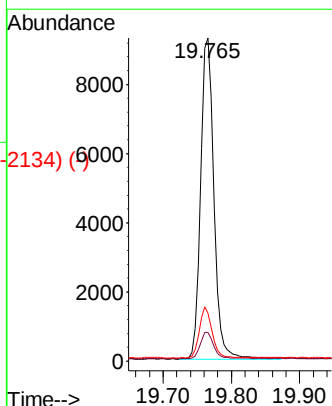
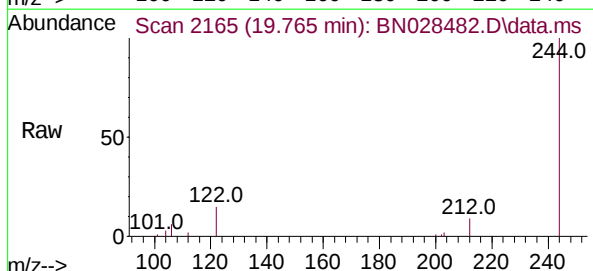
Tgt Ion:244 Resp: 12425

Ion Ratio Lower Upper

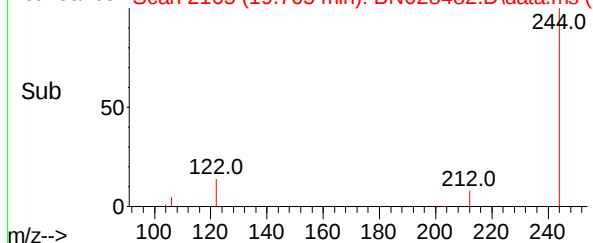
244 100

212 8.9 6.6 10.0

122 14.8 12.6 19.0



Abundance Scan 2165 (19.765 min): BN028482.D\data.ms (-2134) (-)



Abundance Scan 2491 (21.274 min): BN028407.D\data.ms (-2484) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.158 ng

RT: 21.266 min Scan# 1

Delta R.T. -0.008 min

Lab File: BN028482.D

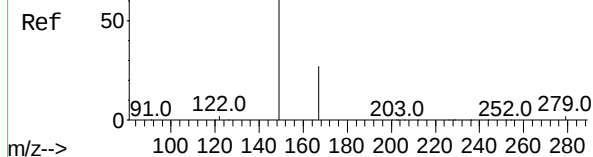
Acq: 06 Nov 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB156879BL



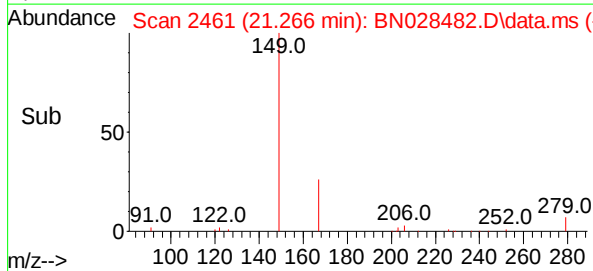
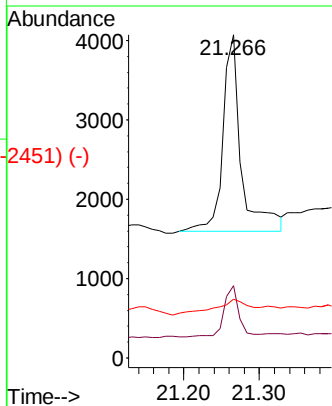
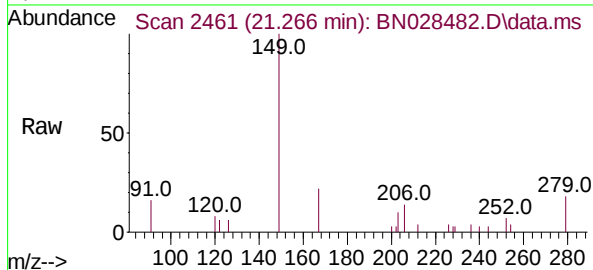
Tgt Ion:149 Resp: 4156

Ion Ratio Lower Upper

149 100

167 21.4 21.4 32.0

279 11.5 2.3 3.5#



Abundance Scan 3040 (23.645 min): BN028407.D\data.ms (-3025) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.646 min Scan# 3011

Delta R.T. 0.001 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

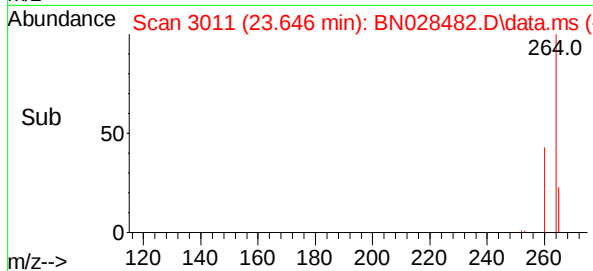
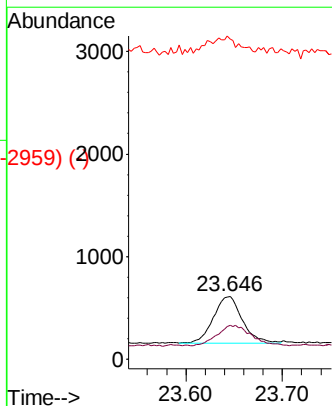
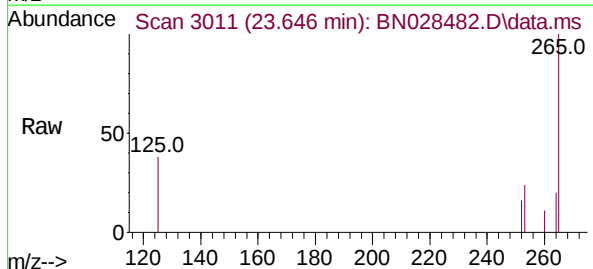
Tgt Ion:264 Resp: 962

Ion Ratio Lower Upper

264 100

260 53.7 20.8 31.2#

265 508.6 21.7 32.5#



Abundance Scan 3853 (26.022 min): BN028407.D\data.ms (-3826) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.092 ng

RT: 26.023 min Scan# 3826

Delta R.T. 0.001 min

Lab File: BN028482.D

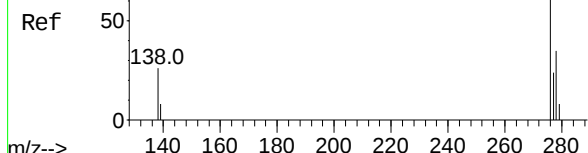
Acq: 06 Nov 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB156879BL



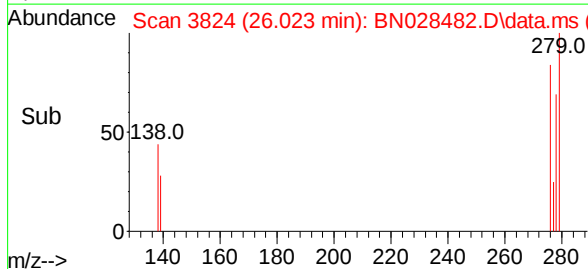
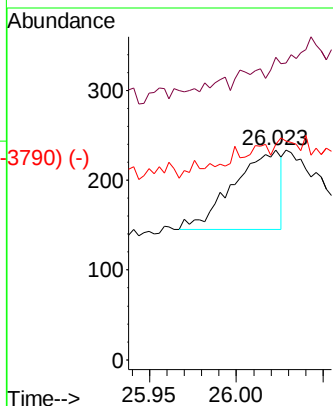
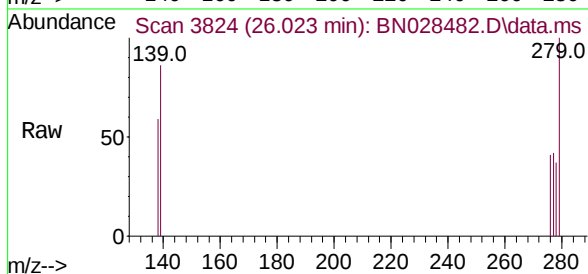
Tgt Ion:276 Resp: 168

Ion Ratio Lower Upper

276 100

138 0.0 24.1 36.1#

277 8.3 19.7 29.5#



Abundance Scan 2800 (22.943 min): BN028407.D\data.ms (-2787) (-)

Benzo(b)fluoranthene

Concen: 0.159 ng

RT: 22.947 min Scan# 2772

Delta R.T. 0.004 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

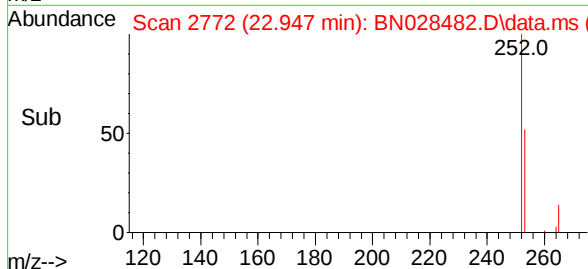
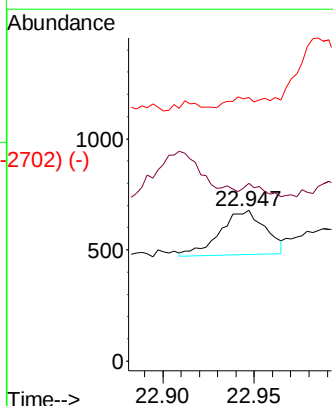
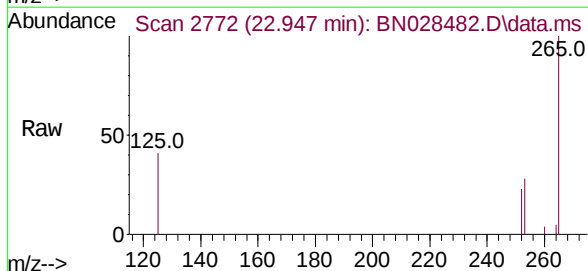
Tgt Ion:252 Resp: 344

Ion Ratio Lower Upper

252 100

253 117.7 18.2 27.4#

125 174.7 10.0 15.0#



Abundance Scan 2816 (22.990 min): BN028407.D\data.ms (-2808) (-)

Benzo(k)fluoranthene

Concen: 0.048 ng

RT: 22.994 min Scan# 2816

Delta R.T. 0.004 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB156879BL

Tgt Ion:252 Resp: 179

Ion Ratio Lower Upper

252 100

253 134.0 18.1 27.1#

125 231.5 10.2 15.2#

Abundance Scan 2788 (22.994 min): BN028482.D\data.ms

Ref 50

125.0

252.0

265.0

Raw 50

125.0

252.0

265.0

m/z-->

Abundance Scan 2788 (22.994 min): BN028482.D\data.ms (-2770) (-)

Ref 50

125.0

253.0

Sub 50

125.0

253.0

m/z-->

Abundance

1000

500

22.994

Time-->

Abundance Scan 3004 (23.540 min): BN028407.D\data.ms (-2989) (-)

Benzo(a)pyrene

Concen: 0.024 ng

RT: 23.540 min Scan# 2975

Delta R.T. 0.001 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59

Tgt Ion:252 Resp: 78

Ion Ratio Lower Upper

252 100

253 146.8 17.9 26.9#

125 220.9 11.0 16.6#

Abundance Scan 2975 (23.540 min): BN028482.D\data.ms

Ref 50

125.0

252.0

265.0

Raw 50

125.0

252.0

265.0

m/z-->

Abundance Scan 2975 (23.540 min): BN028482.D\data.ms (-2906) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

Abundance

1000

500

23.540

Time-->

Abundance Scan 3863 (26.051 min): BN028407.D\data.ms (-3831) (-)

Dibenzo(a,h)anthracene

Concen: 0.137 ng

RT: 26.040 min Scan# 4041

Delta R.T. -0.011 min

Lab File: BN028482.D

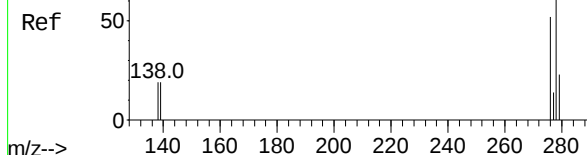
Acq: 06 Nov 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB156879BL



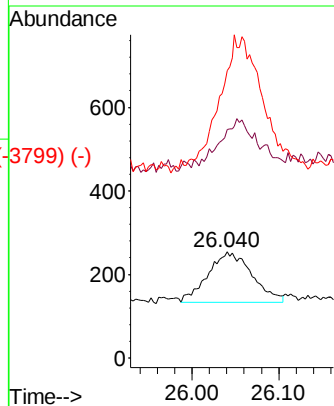
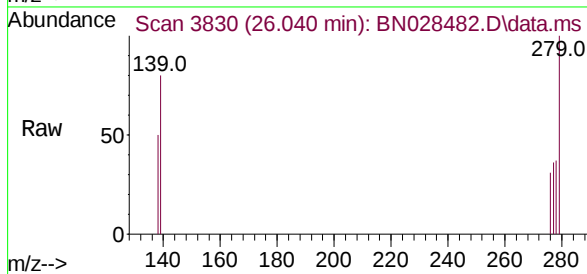
Tgt Ion:278 Resp: 421

Ion Ratio Lower Upper

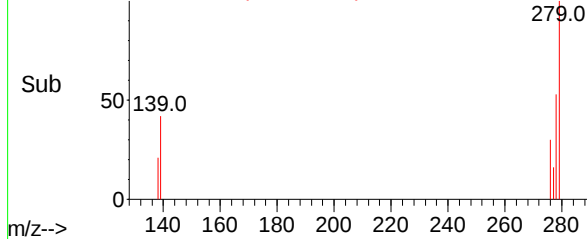
278 100

139 214.5 15.8 23.8#

279 269.8 19.7 29.5#



Abundance Scan 3830 (26.040 min): BN028482.D\data.ms (-3799) (-)



Abundance Scan 4100 (26.744 min): BN028407.D\data.ms (-4041) (-)

Benzo(g,h,i)perylene

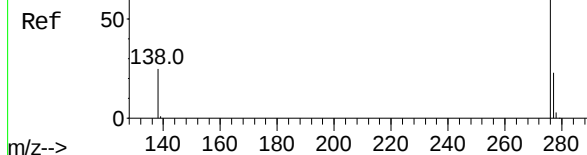
Concen: 0.029 ng

RT: 26.739 min Scan# 4069

Delta R.T. -0.005 min

Lab File: BN028482.D

Acq: 06 Nov 2023 14:59



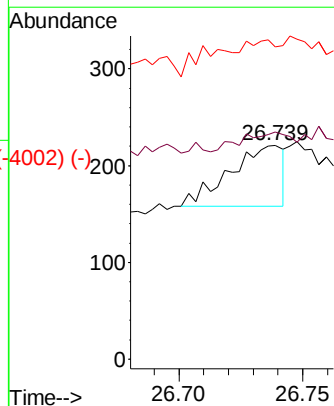
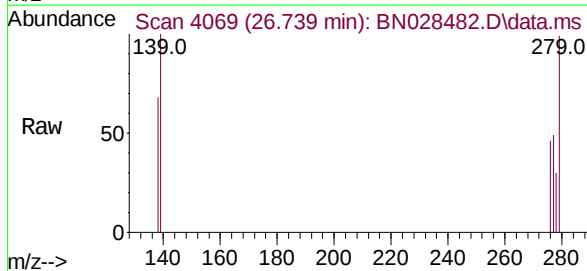
Tgt Ion:276 Resp: 94

Ion Ratio Lower Upper

276 100

277 106.3 19.0 28.4#

138 146.2 21.1 31.7#



Abundance Scan 4069 (26.739 min): BN028482.D\data.ms (-4002) (-)

