

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
 Data File : BN021720.D
 Acq On : 12 Sep 2022 18:16
 Operator : CG/JU
 Sample : N4492-07DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-090122DL

Quant Time: Sep 13 03:14:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 13 02:32:27 2022
 Response via : Initial Calibration

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

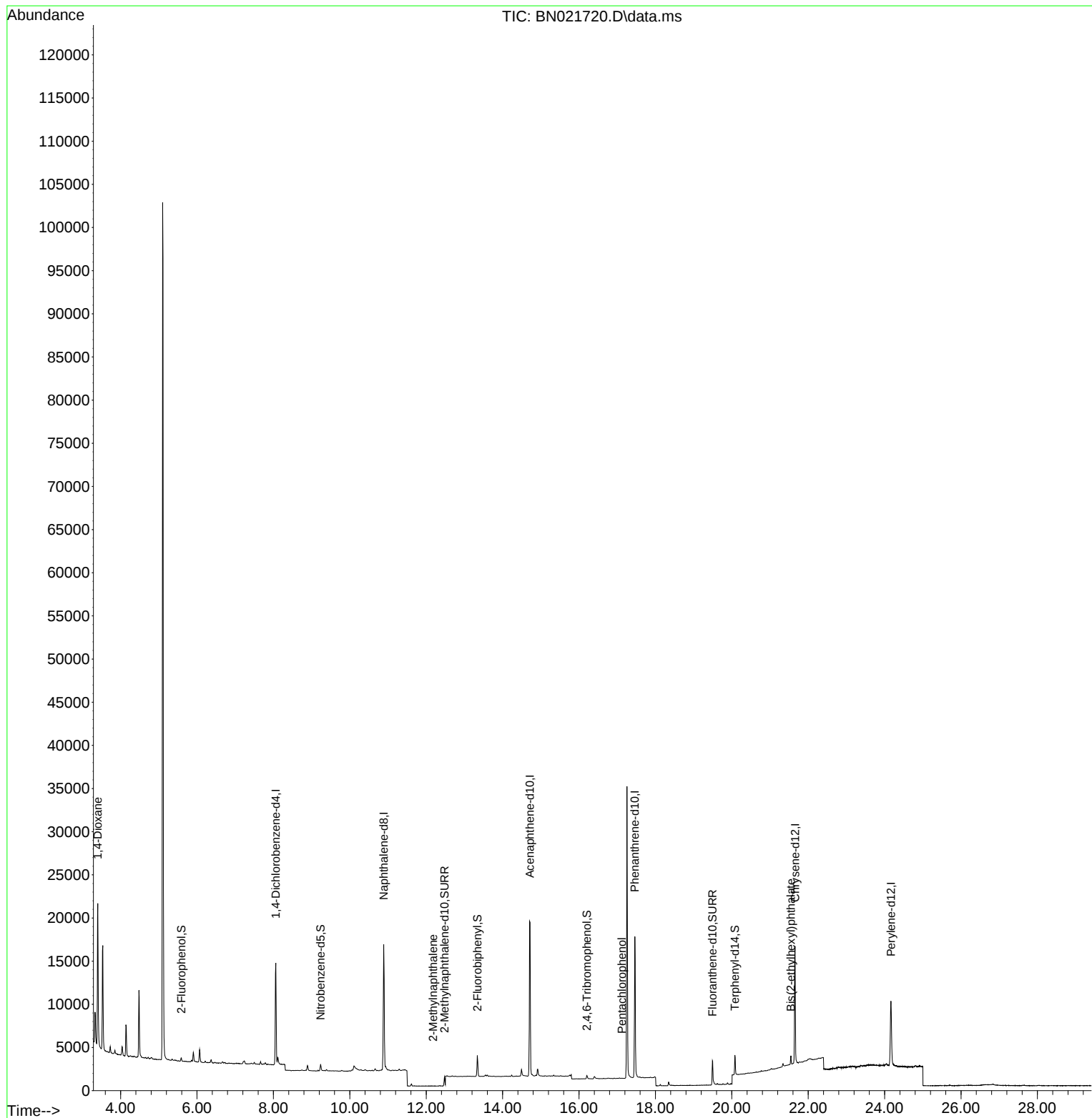
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	5945	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	19825	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	11591	0.400	ng	0.01
19) Phenanthrene-d10	17.460	188	23191	0.400	ng	# 0.00
29) Chrysene-d12	21.655	240	13385	0.400	ng	0.00
35) Perylene-d12	24.165	264	11215	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	333	0.029	ng	0.00
5) Phenol-d6	7.217	99	267	0.018	ng	0.00
8) Nitrobenzene-d5	9.233	82	714	0.053	ng	0.00
11) 2-Methylnaphthalene-d10	12.478	152	1938	0.043	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	239	0.063	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	2201	0.043	ng	0.00
27) Fluoranthene-d10	19.493	212	2976	0.050	ng	0.00
31) Terphenyl-d14	20.079	244	2154	0.072	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	11394	1.532	ng	# 90
12) 2-Methylnaphthalene	12.184	142	7	0.127	ng	# 1
24) Pentachlorophenol	17.121	266	29	0.208	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.548	149	1025	0.055	ng	# 96

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

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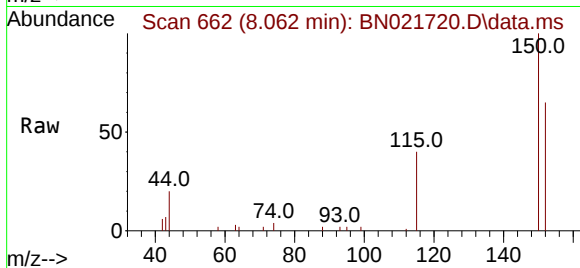
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration



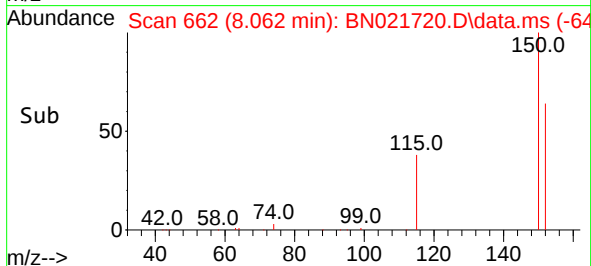
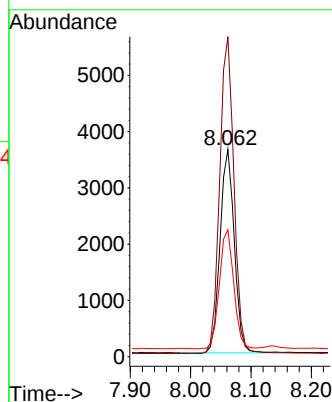


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.062 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021720.D
 Acq: 12 Sep 2022 18:16

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-090122DL

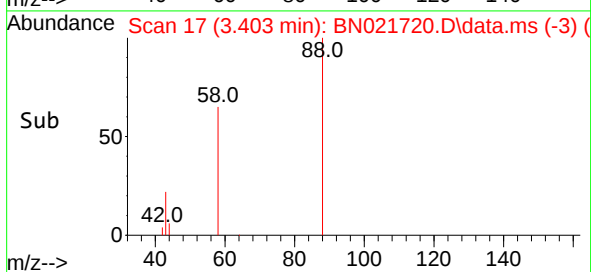
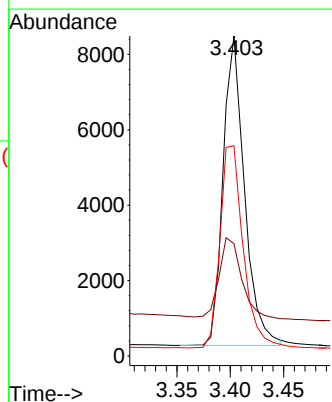
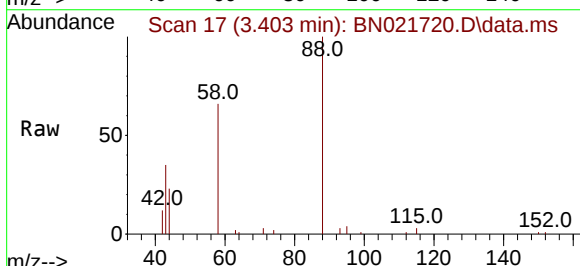


Tgt Ion:152 Resp: 5945
 Ion Ratio Lower Upper
 152 100
 150 154.4 121.4 182.0
 115 61.2 48.6 72.8



#2
 1,4-Dioxane
 Concen: 1.532 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021720.D
 Acq: 12 Sep 2022 18:16

Tgt Ion: 88 Resp: 11394
 Ion Ratio Lower Upper
 88 100
 43 27.7 35.8 53.8#
 58 71.3 57.1 85.7

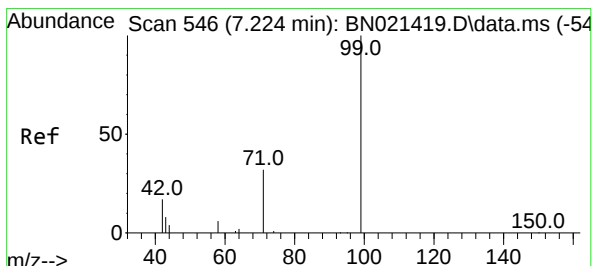
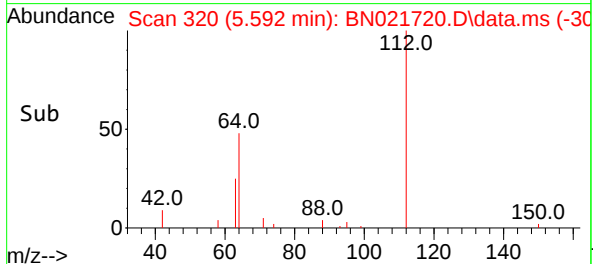
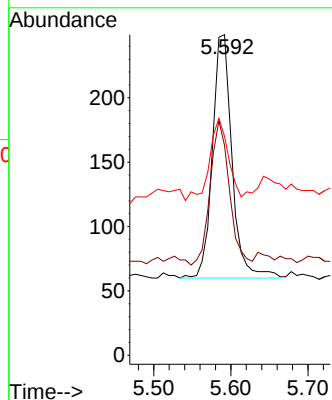
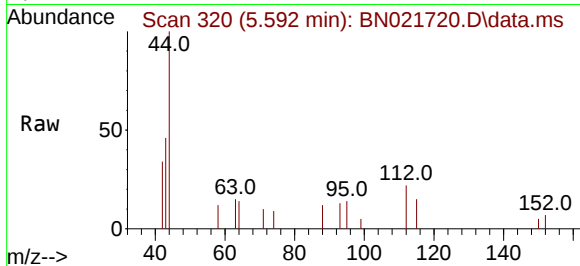




#4
2-Fluorophenol
Concen: 0.029 ng
RT: 5.592 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

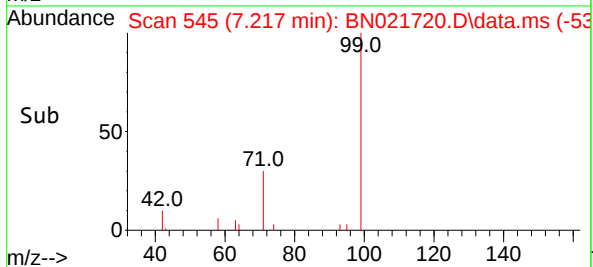
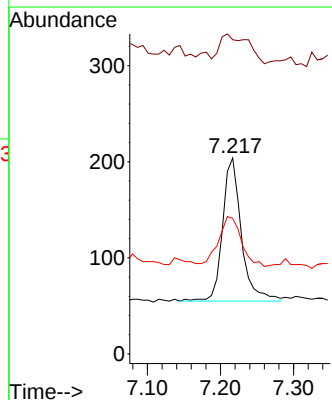
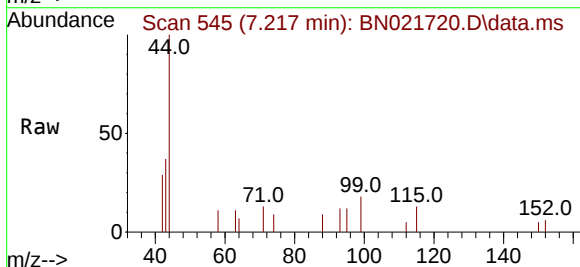
Instrument :
BNA_N
ClientSampleId :
BR-03D-479.5-499.5-090122DL

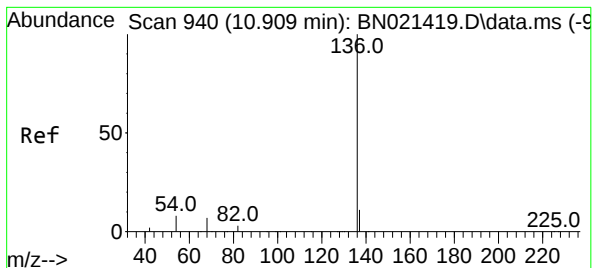
Tgt Ion:112 Resp: 333
Ion Ratio Lower Upper
112 100
64 57.7 43.5 65.3
63 32.4 22.6 34.0



#5
Phenol-d6
Concen: 0.018 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

Tgt Ion: 99 Resp: 267
Ion Ratio Lower Upper
99 100
42 30.7 15.5 23.3#
71 41.9 24.2 36.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.888 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN021720.D

Acq: 12 Sep 2022 18:16

Instrument :

BNA_N

ClientSampleId :

BR-03D-479.5-499.5-090122DL

Tgt Ion:136 Resp: 19825

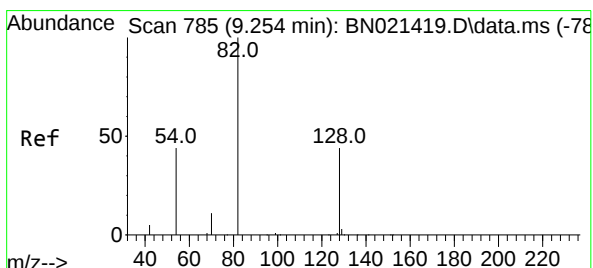
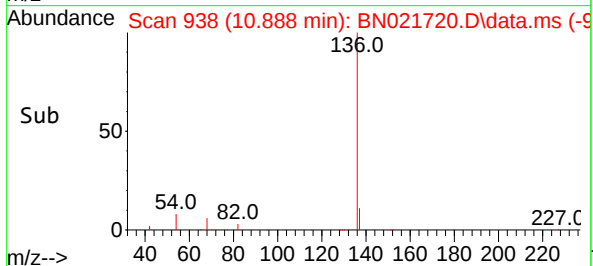
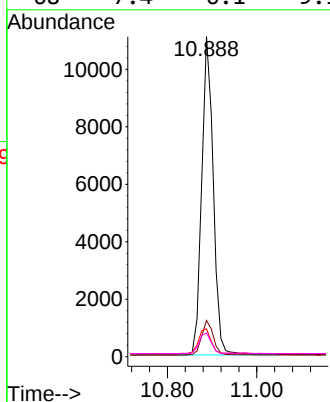
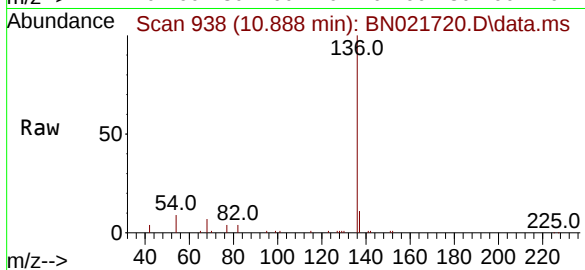
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.7 6.9 10.3

68 7.4 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.053 ng

RT: 9.233 min Scan# 783

Delta R.T. 0.000 min

Lab File: BN021720.D

Acq: 12 Sep 2022 18:16

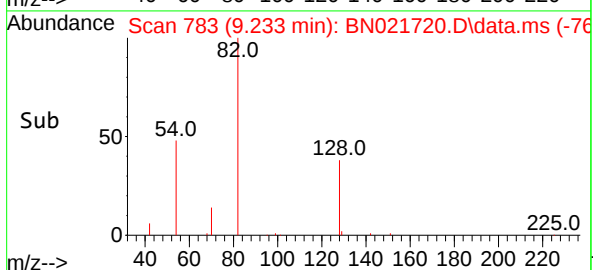
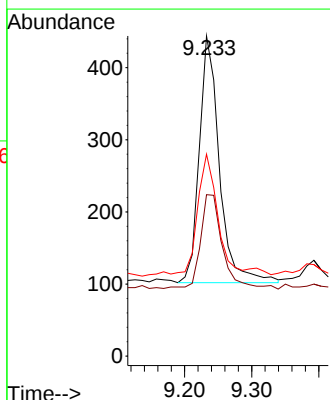
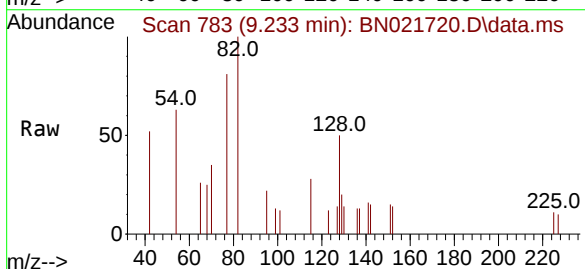
Tgt Ion: 82 Resp: 714

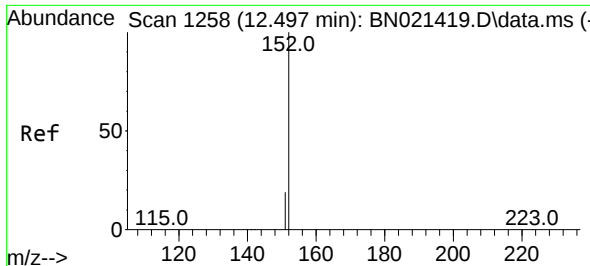
Ion Ratio Lower Upper

82 100

128 50.5 30.9 46.3#

54 63.1 42.7 64.1





#11

2-Methylnaphthalene-d10

Concen: 0.043 ng

RT: 12.478 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN021720.D

Acq: 12 Sep 2022 18:16

Instrument :

BNA_N

ClientSampleId :

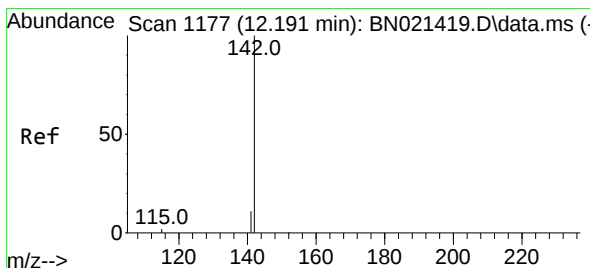
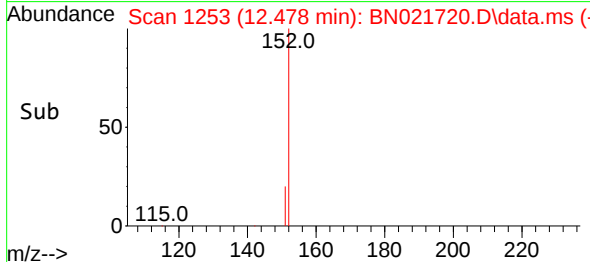
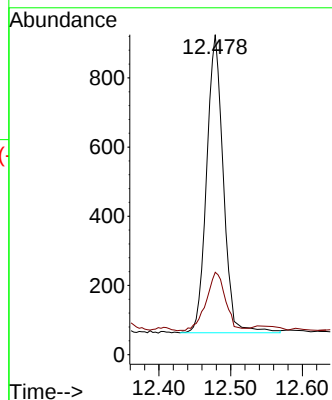
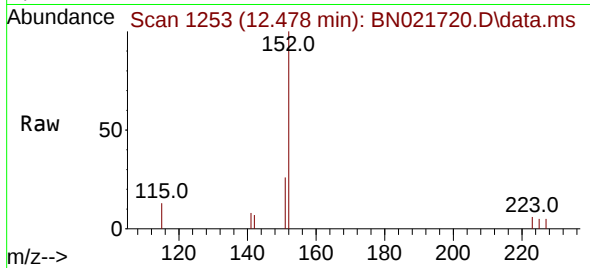
BR-03D-479.5-499.5-090122DL

Tgt Ion:152 Resp: 1938

Ion Ratio Lower Upper

152 100

151 17.4 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.184 min Scan# 1175

Delta R.T. 0.004 min

Lab File: BN021720.D

Acq: 12 Sep 2022 18:16

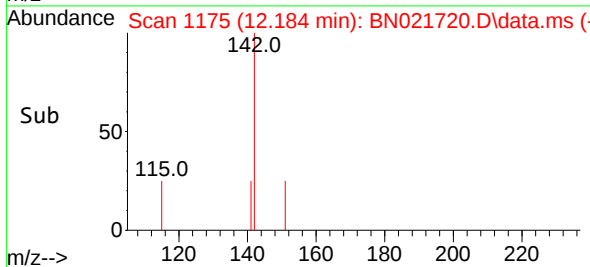
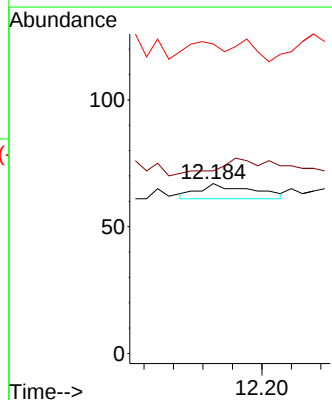
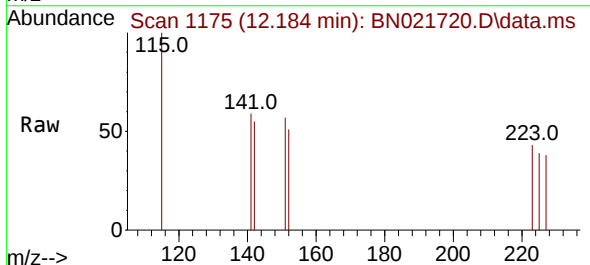
Tgt Ion:142 Resp: 7

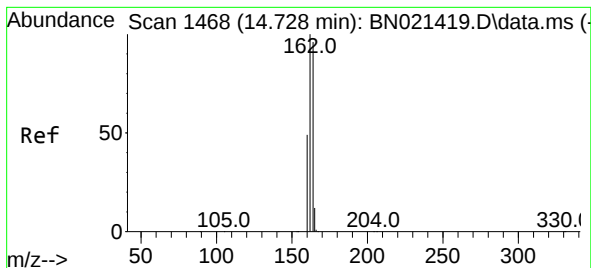
Ion Ratio Lower Upper

142 100

141 107.5 12.2 18.2#

115 182.1 7.9 11.9#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.718 min Scan# 1467

Delta R.T. 0.011 min

Lab File: BN021720.D

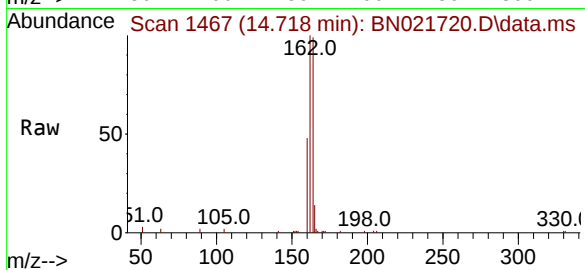
Acq: 12 Sep 2022 18:16

Instrument :

BNA_N

ClientSampleId :

BR-03D-479.5-499.5-090122DL



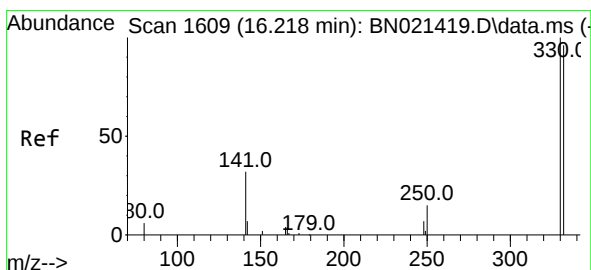
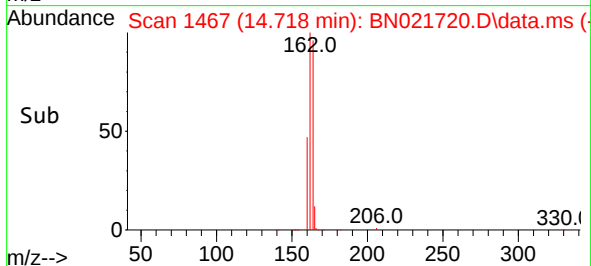
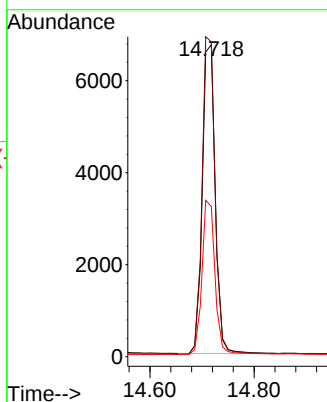
Tgt Ion:164 Resp: 11591

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.4

160 48.2 39.5 59.3



#14

2,4,6-Tribromophenol

Concen: 0.063 ng

RT: 16.208 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BN021720.D

Acq: 12 Sep 2022 18:16

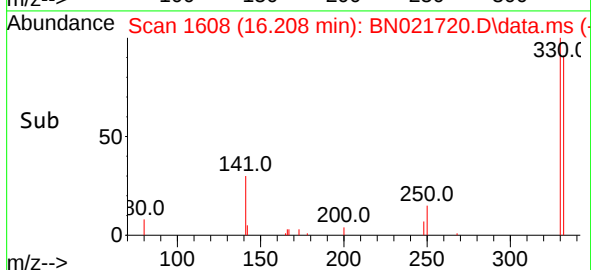
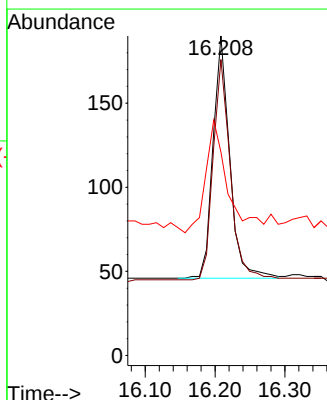
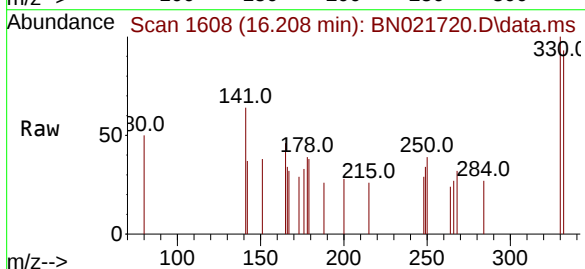
Tgt Ion:330 Resp: 239

Ion Ratio Lower Upper

330 100

332 94.6 79.3 118.9

141 60.7 37.1 55.7#

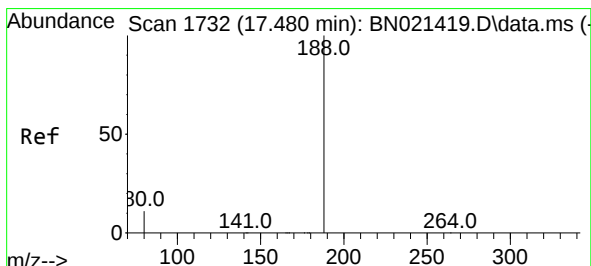
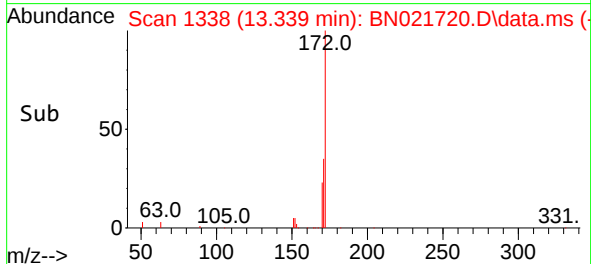
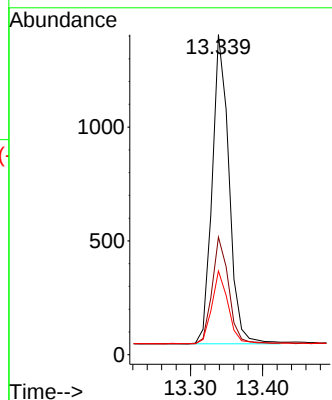
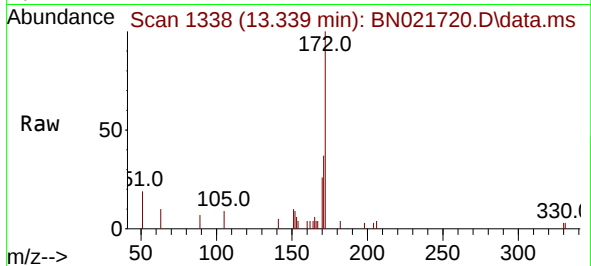




#15
2-Fluorobiphenyl
Concen: 0.043 ng
RT: 13.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

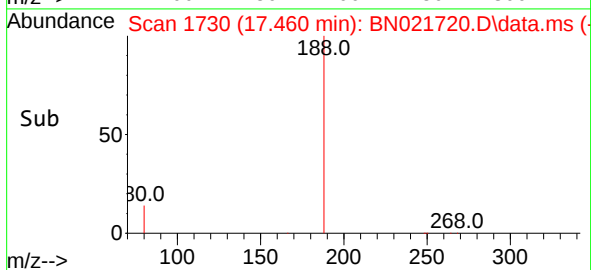
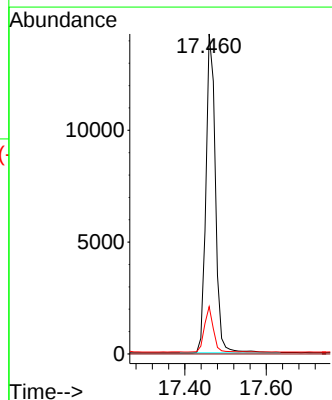
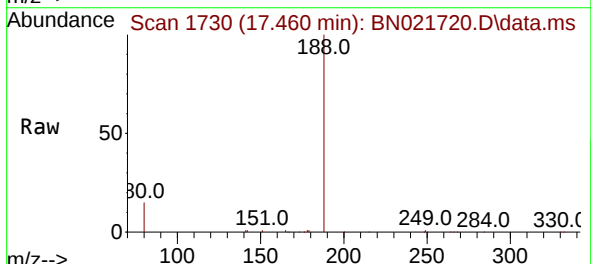
Instrument :
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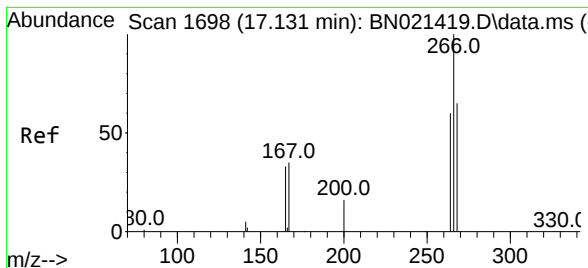
Tgt Ion:	172	Resp:	2201
Ion Ratio	Lower	Upper	
172	100		
171	36.8	27.8	41.6
170	26.2	18.6	28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

Tgt Ion:	188	Resp:	23191
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.8	9.5	14.3



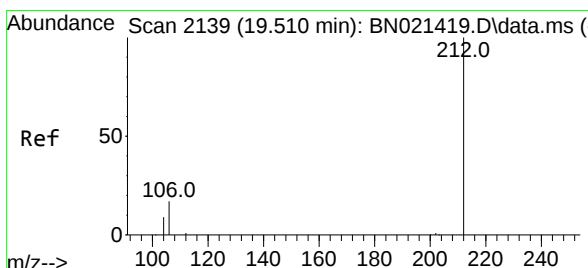
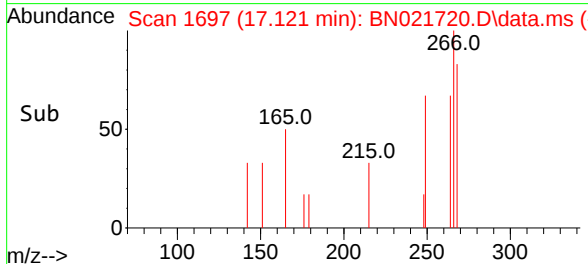
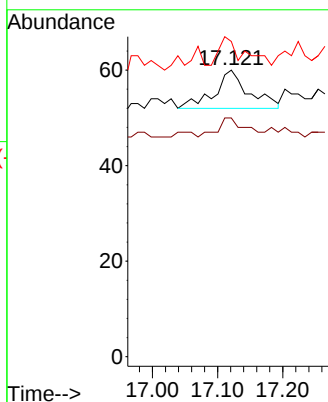
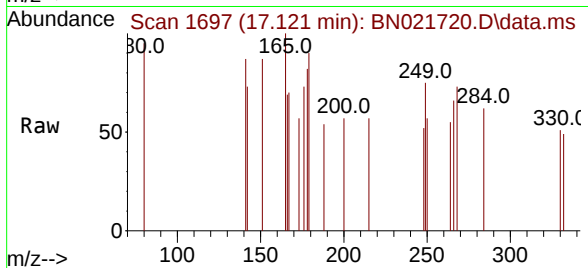


#24
 Pentachlorophenol
 Concen: 0.208 ng
 RT: 17.121 min Scan# 1697
 Delta R.T. 0.010 min
 Lab File: BN021720.D
 Acq: 12 Sep 2022 18:16

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-090122DL

Tgt Ion:266 Resp: 29

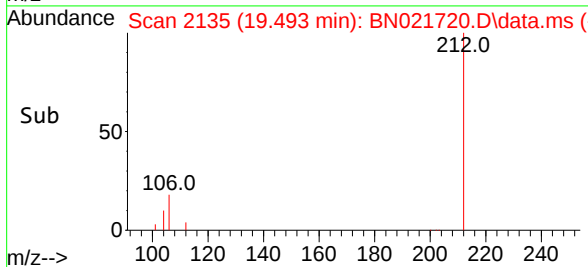
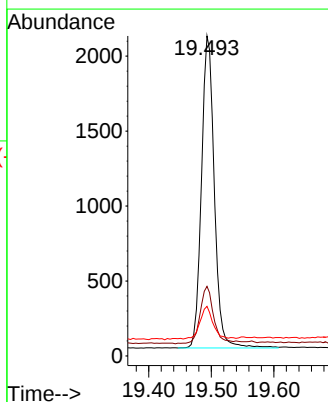
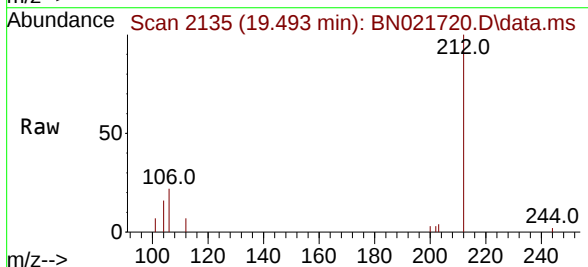
Ion	Ratio	Lower	Upper
266	100		
264	41.4	49.0	73.6
268	51.7	50.9	76.3

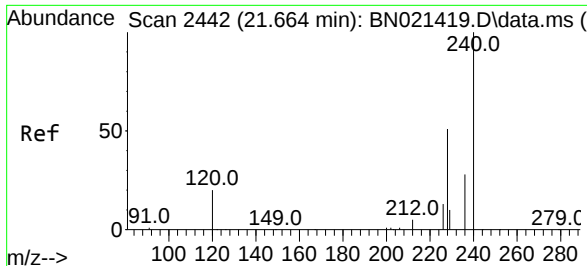


#27
 Fluoranthene-d10
 Concen: 0.050 ng
 RT: 19.493 min Scan# 2135
 Delta R.T. 0.000 min
 Lab File: BN021720.D
 Acq: 12 Sep 2022 18:16

Tgt Ion:212 Resp: 2976

Ion	Ratio	Lower	Upper
212	100		
106	19.3	14.2	21.2
104	10.6	7.8	11.6

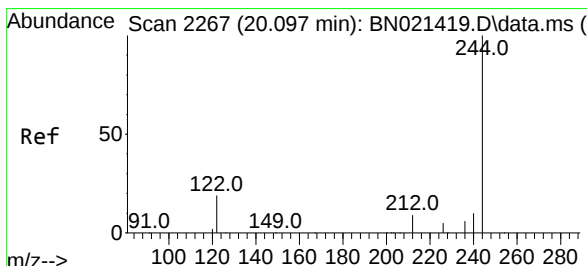
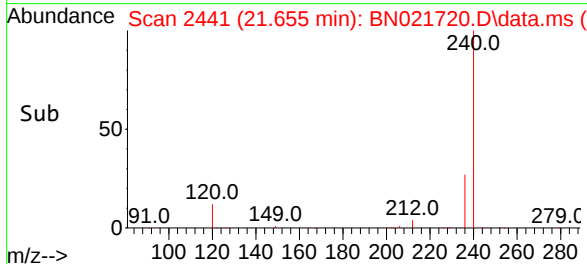
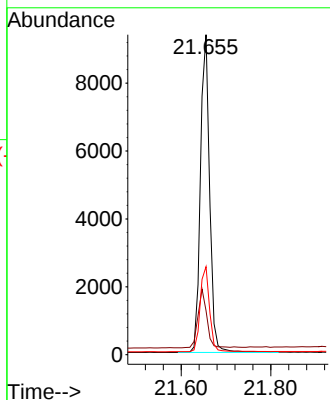
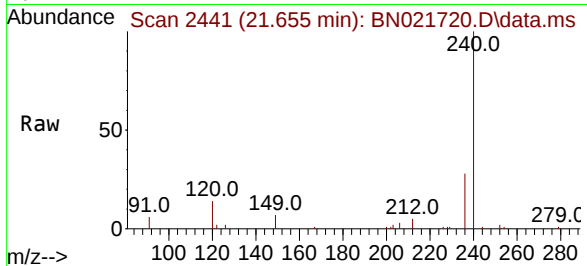




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

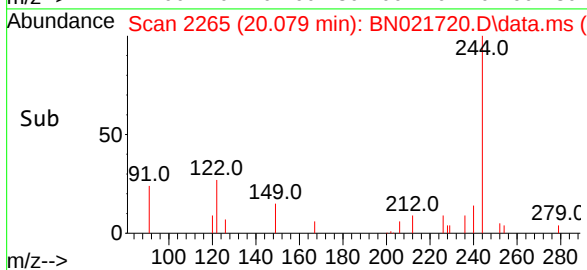
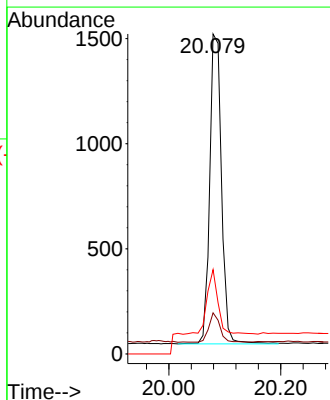
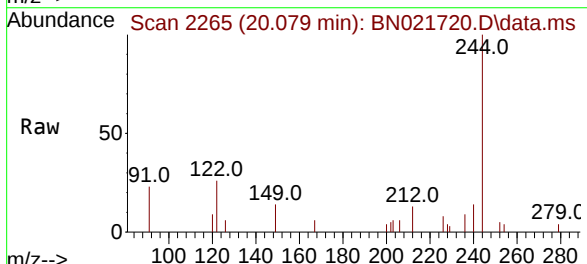
Instrument :
BNA_N
ClientSampleId :
BR-03D-479.5-499.5-090122DL

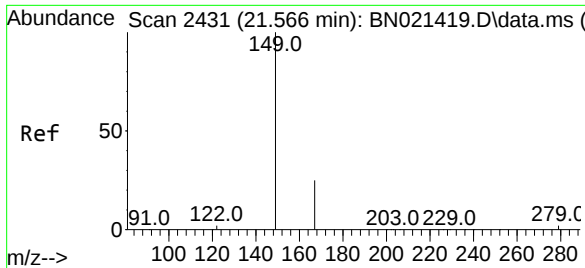
Tgt Ion:240 Resp: 13385
Ion Ratio Lower Upper
240 100
120 13.8 10.2 15.4
236 27.5 22.1 33.1



#31
Terphenyl-d14
Concen: 0.072 ng
RT: 20.079 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

Tgt Ion:244 Resp: 2154
Ion Ratio Lower Upper
244 100
212 12.8 6.5 9.7#
122 26.3 9.1 13.7#

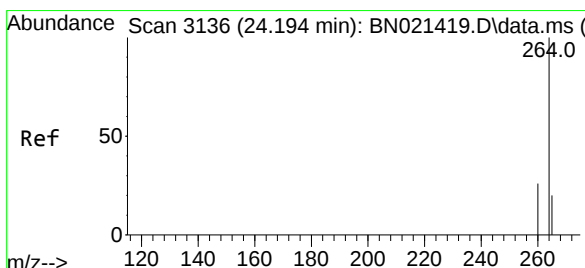
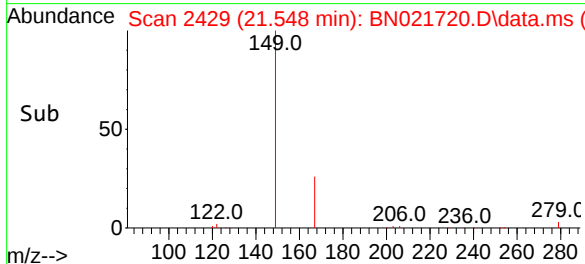
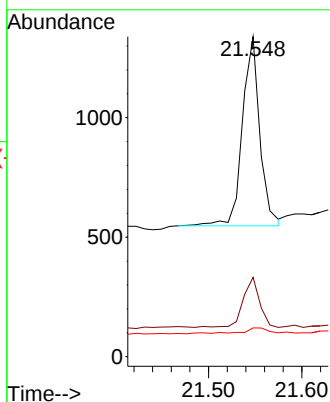
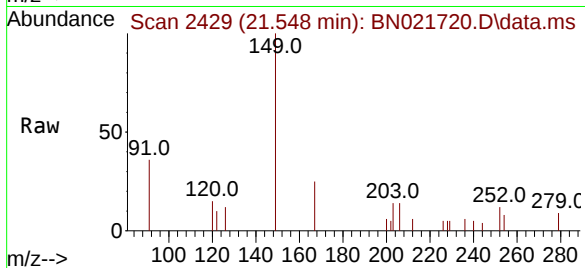




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN021720.D
 Acq: 12 Sep 2022 18:16

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-090122DL

Tgt Ion:149 Resp: 1025
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.4 32.0
 279 4.0 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.165 min Scan# 3126
 Delta R.T. -0.003 min
 Lab File: BN021720.D
 Acq: 12 Sep 2022 18:16

Tgt Ion:264 Resp: 11215
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.0 31.6
 265 46.7 32.2 48.2

