

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
 Data File : BN025733.D
 Acq On : 31 May 2023 02:43
 Operator : CG/JU
 Sample : 02911-19DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230522DL

Quant Time: May 31 04:49:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

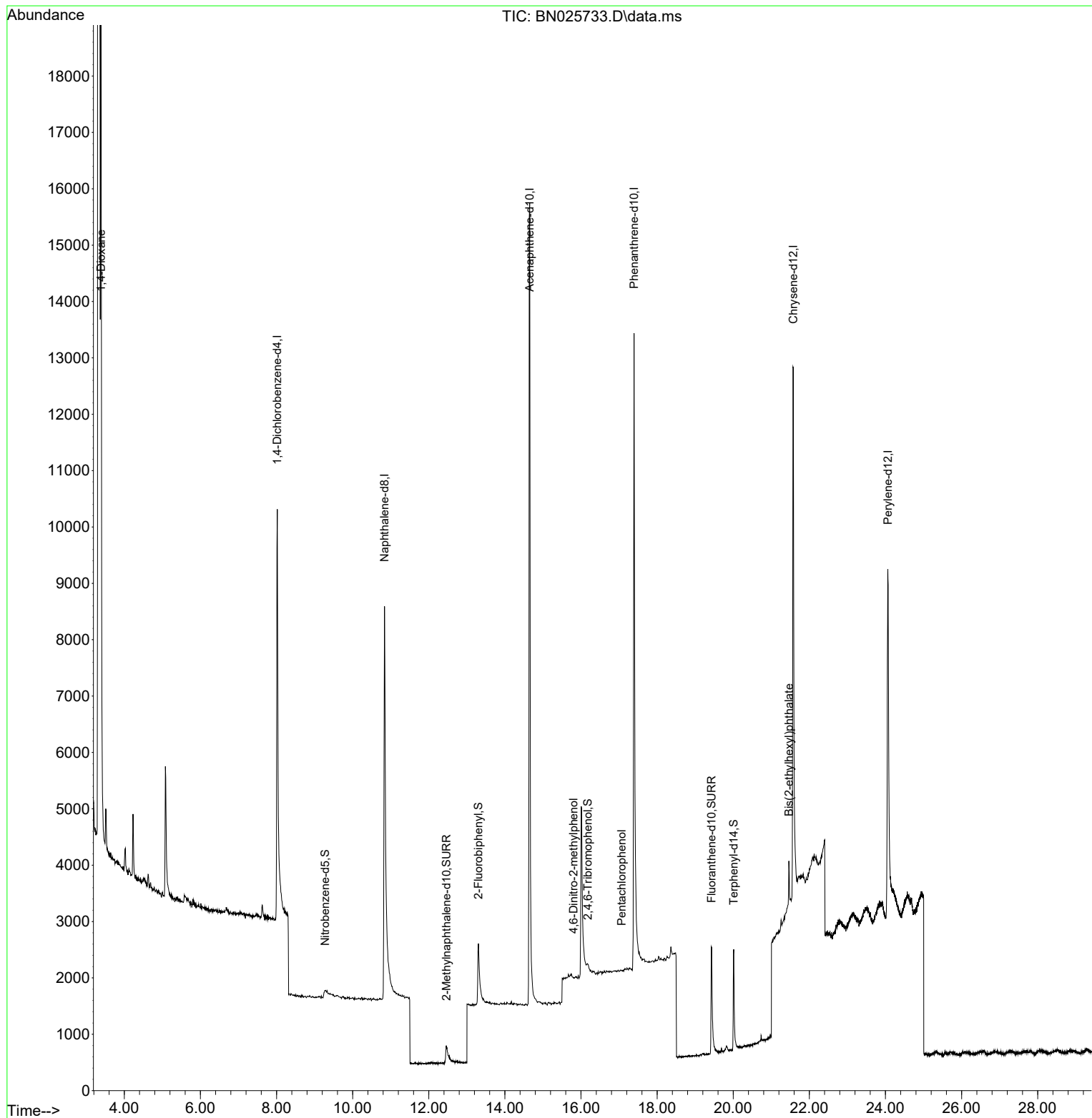
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6117	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	16590	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	10840	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	21802	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	14026	0.400	ng	0.00
35) Perylene-d12	24.063	264	12258	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.593	112	253	0.016	ng	0.04
5) Phenol-d6	7.145	99	3	0.000	ng	-0.03
8) Nitrobenzene-d5	9.276	82	379	0.027	ng	0.09
11) 2-Methylnaphthalene-d10	12.460	152	1071	0.045	ng	0.04
14) 2,4,6-Tribromophenol	16.177	330	92	0.042	ng	0.02
15) 2-Fluorobiphenyl	13.304	172	1821	0.041	ng	0.02
27) Fluoranthene-d10	19.430	212	3473	0.070	ng	0.00
31) Terphenyl-d14	20.011	244	2434	0.079	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	10267	1.449	ng	Qvalue 100
20) 4,6-Dinitro-2-methylph...	15.804	198	1	0.114	ng	# 1
24) Pentachlorophenol	17.070	266	5	0.369	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.462	149	1042	0.033	ng	96

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

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Data File : BN025733.D
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Operator : CG/JU
Sample : 02911-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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RE115D2-20230522DL

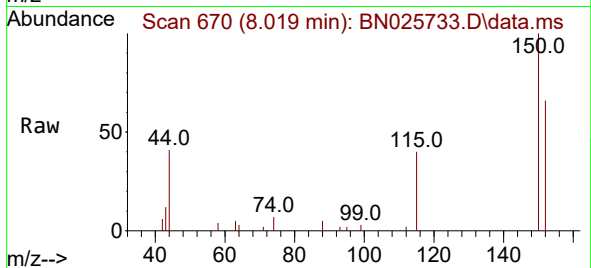
Quant Time: May 31 04:49:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration



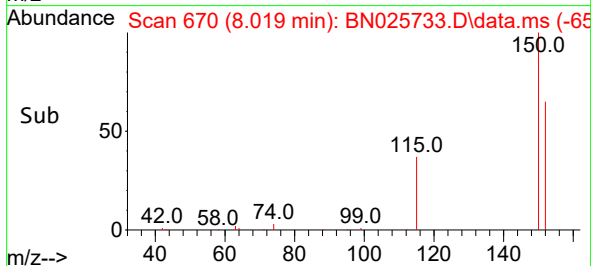
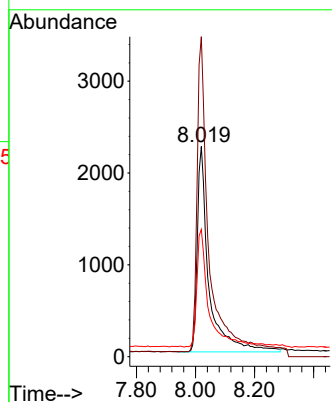


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

Instrument :
BNA_N
ClientSampleId :
RE115D2-20230522DL

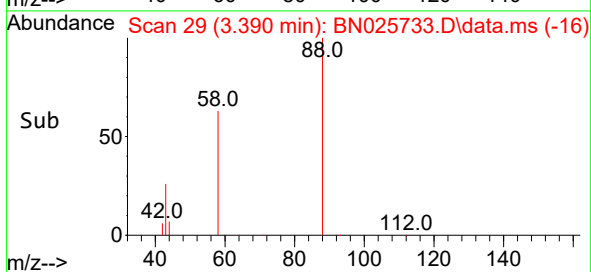
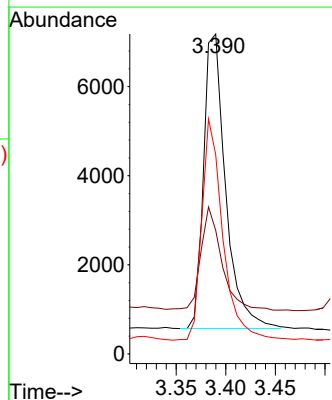
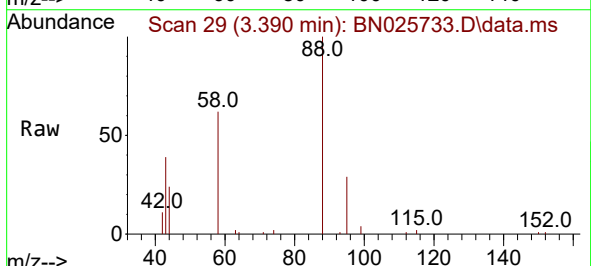


Tgt Ion:152 Resp: 6117
Ion Ratio Lower Upper
152 100
150 152.2 121.0 181.6
115 60.5 48.5 72.7



#2
1,4-Dioxane
Concen: 1.449 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

Tgt Ion: 88 Resp: 10267
Ion Ratio Lower Upper
88 100
43 32.9 26.5 39.7
58 71.4 56.8 85.2





#4

2-Fluorophenol

Concen: 0.016 ng

RT: 5.593 min Scan# 31

Delta R.T. 0.036 min

Lab File: BN025733.D

Acq: 31 May 2023 02:43

Instrument :

BNA_N

ClientSampleId :

RE115D2-20230522DL

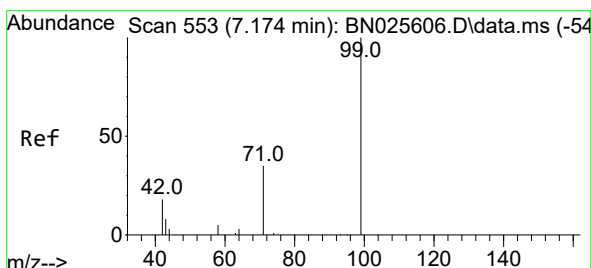
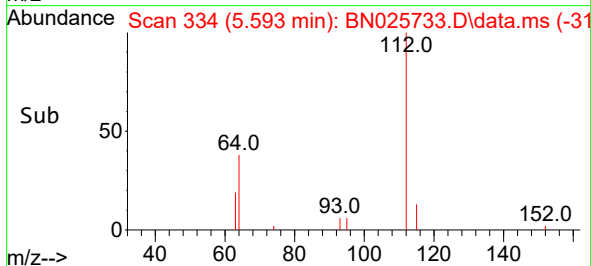
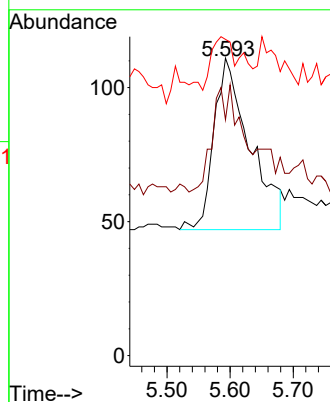
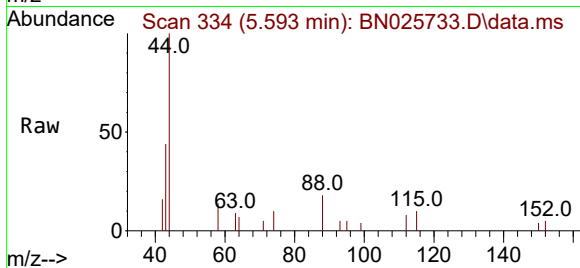
Tgt Ion:112 Resp: 253

Ion Ratio Lower Upper

112 100

64 48.6 45.7 68.5

63 20.6 26.2 39.2#



#5

Phenol-d6

Concen: 0.000 ng

RT: 7.145 min Scan# 549

Delta R.T. -0.029 min

Lab File: BN025733.D

Acq: 31 May 2023 02:43

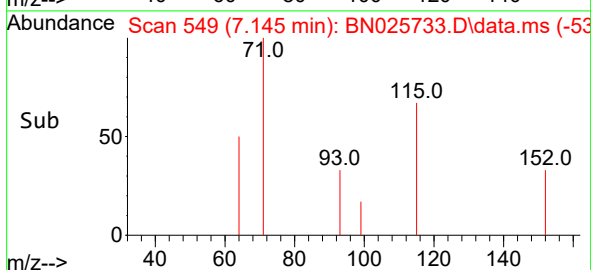
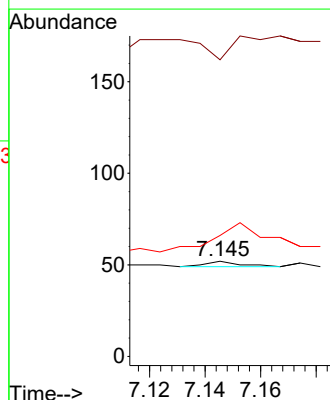
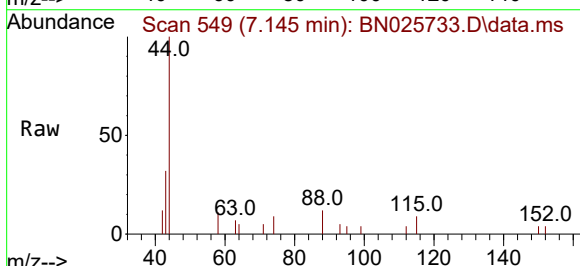
Tgt Ion: 99 Resp: 3

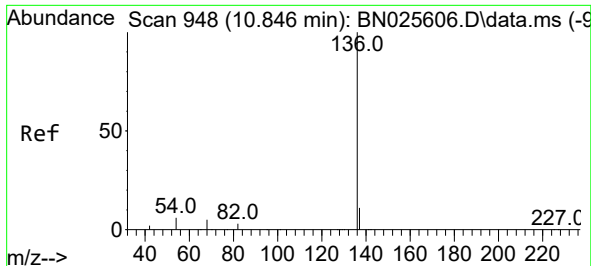
Ion Ratio Lower Upper

99 100

42 1066.7 17.1 25.7#

71 766.7 29.3 43.9#

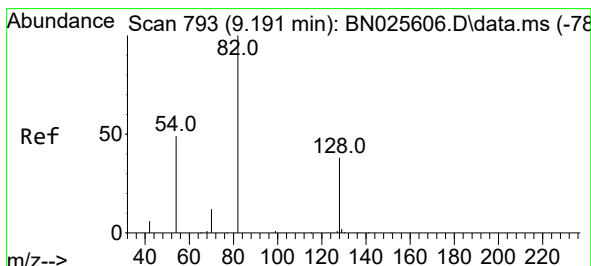
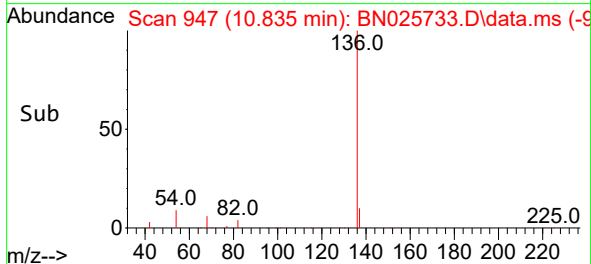
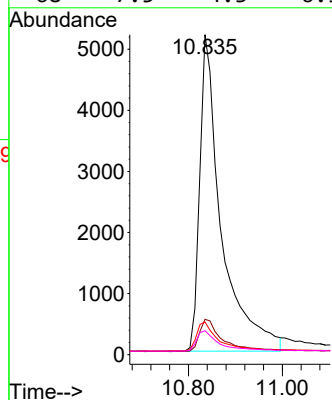
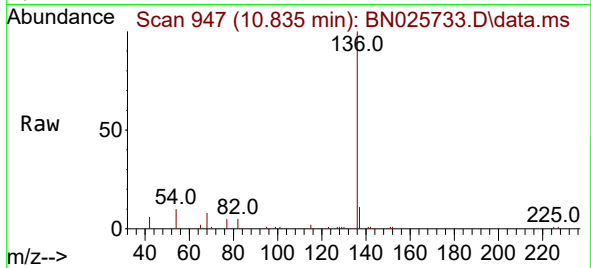




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

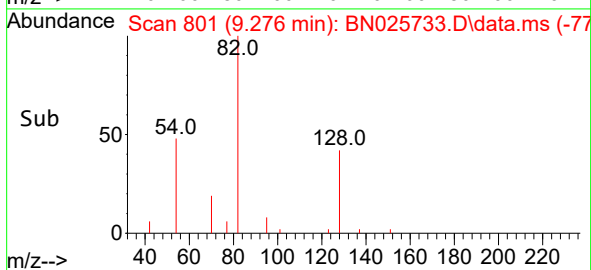
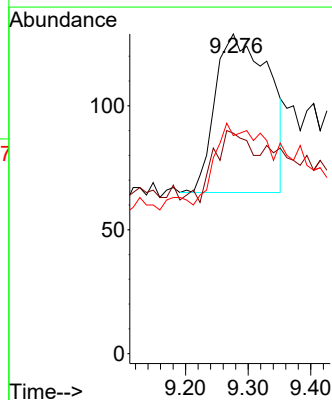
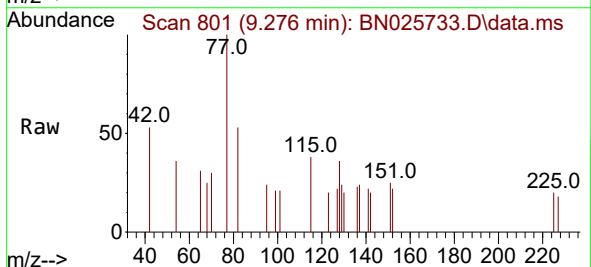
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230522DL

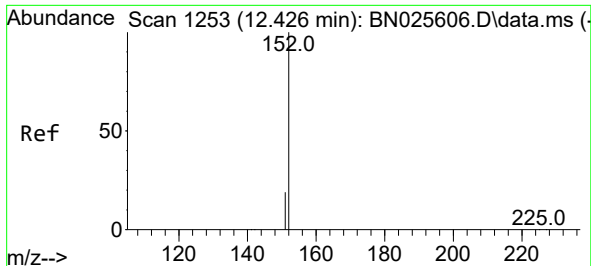
Tgt Ion:	136	Resp:	16590
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	10.2	5.4	8.0#
68	7.5	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.027 ng
RT: 9.276 min Scan# 801
Delta R.T. 0.085 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

Tgt Ion:	82	Resp:	379
Ion Ratio	Lower	Upper	
82	100		
128	69.0	32.5	48.7#
54	68.2	40.6	60.8#





#11

2-Methylnaphthalene-d10

Concen: 0.045 ng

RT: 12.460 min Scan# 11

Delta R.T. 0.037 min

Lab File: BN025733.D

Acq: 31 May 2023 02:43

Instrument :

BNA_N

ClientSampleId :

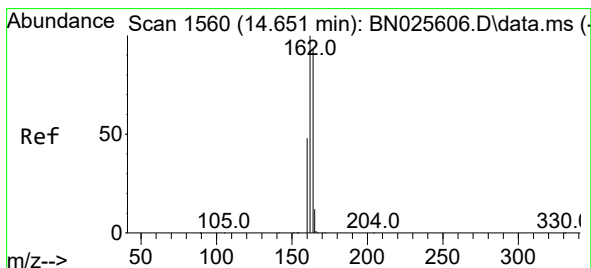
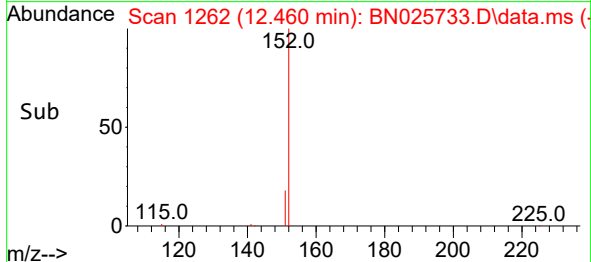
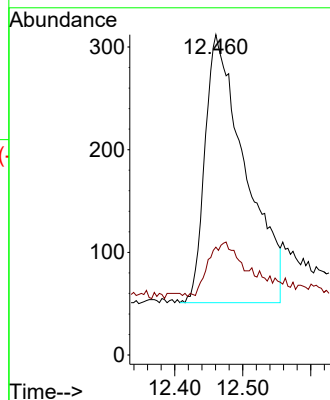
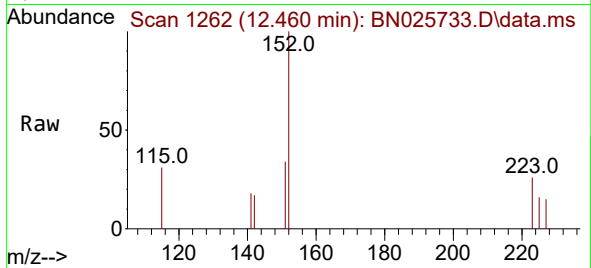
RE115D2-20230522DL

Tgt Ion:152 Resp: 1071

Ion Ratio Lower Upper

152 100

151 16.2 16.1 24.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BN025733.D

Acq: 31 May 2023 02:43

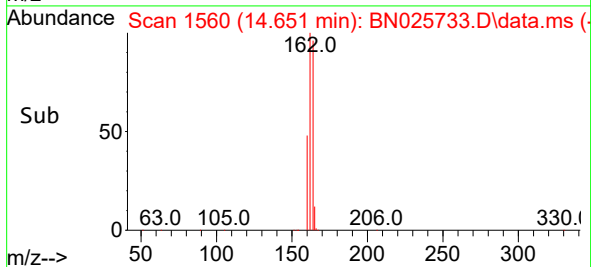
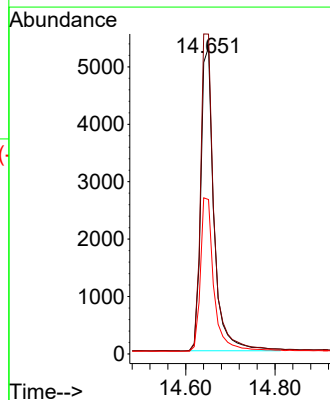
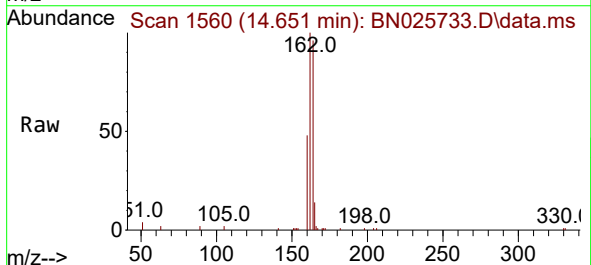
Tgt Ion:164 Resp: 10840

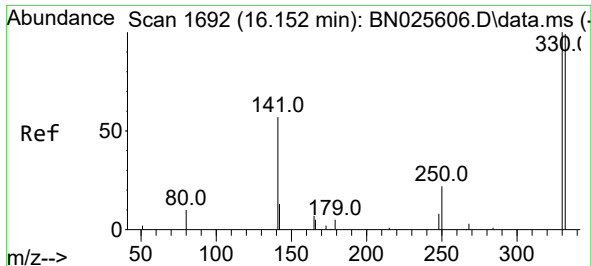
Ion Ratio Lower Upper

164 100

162 104.2 86.4 129.6

160 50.3 41.9 62.9

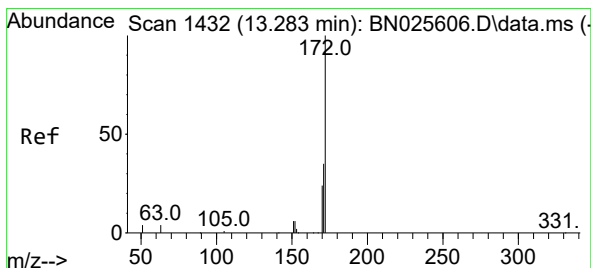
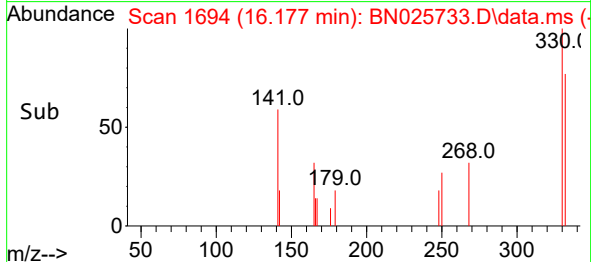
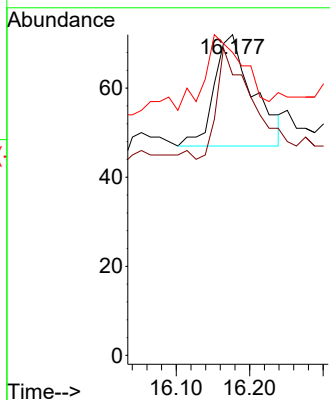
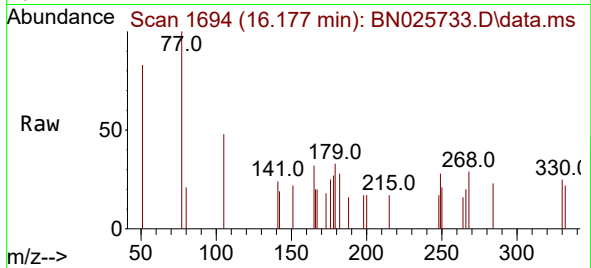




#14
2,4,6-Tribromophenol
Concen: 0.042 ng
RT: 16.177 min Scan# 1692
Delta R.T. 0.025 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

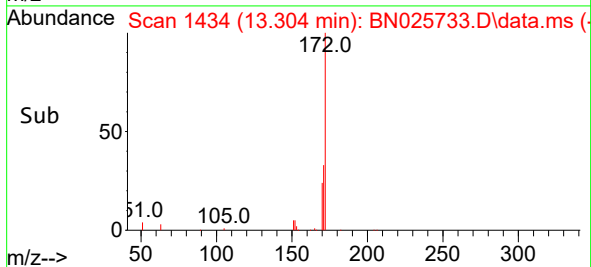
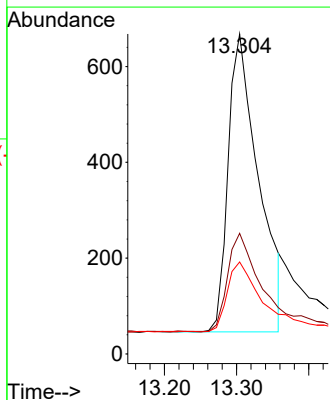
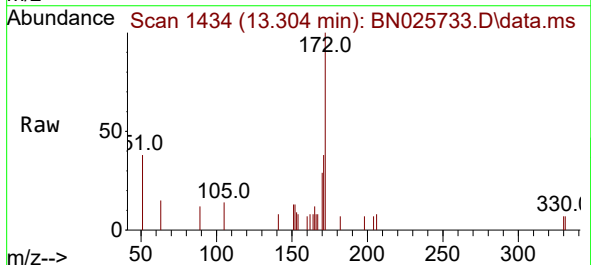
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230522DL

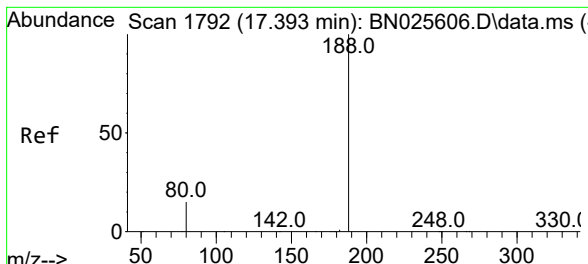
Tgt Ion:330 Resp: 92
Ion Ratio Lower Upper
330 100
332 93.5 80.0 120.0
141 0.0 45.8 68.6#



#15
2-Fluorobiphenyl
Concen: 0.041 ng
RT: 13.304 min Scan# 1434
Delta R.T. 0.021 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

Tgt Ion:172 Resp: 1821
Ion Ratio Lower Upper
172 100
171 37.7 28.6 42.8
170 28.7 19.7 29.5

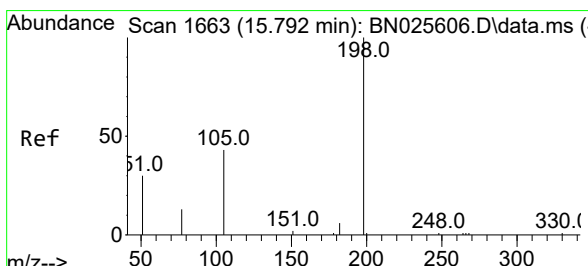
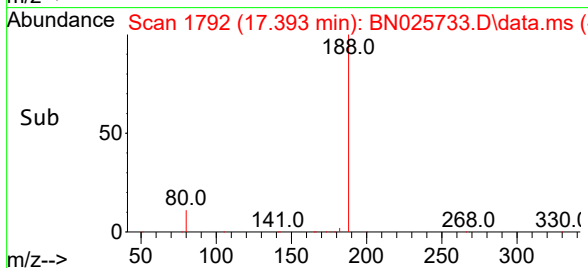
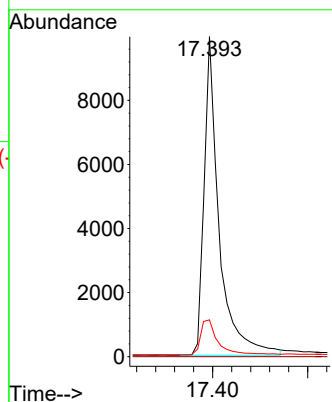
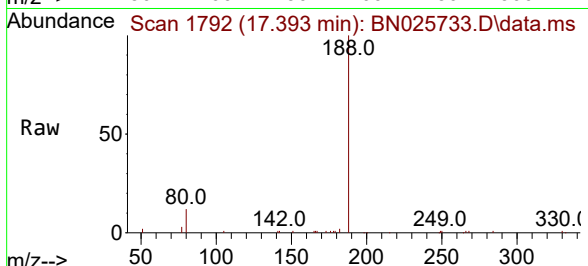




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

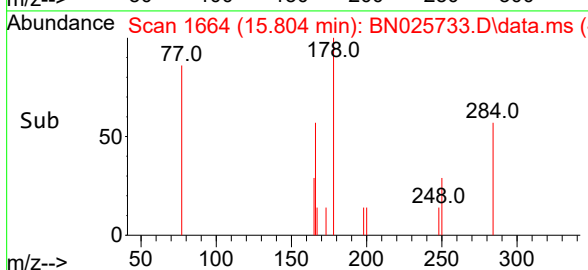
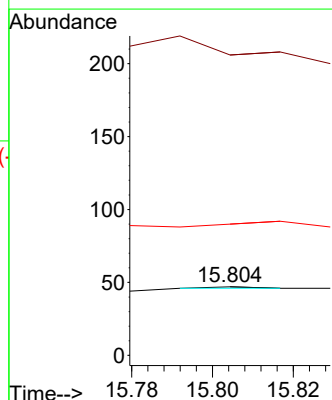
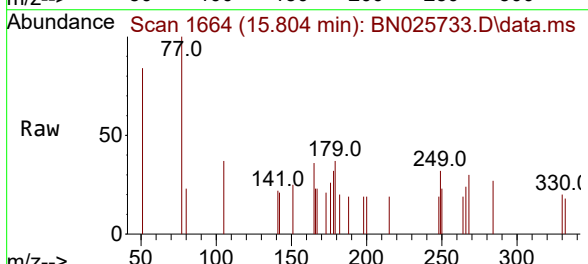
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230522DL

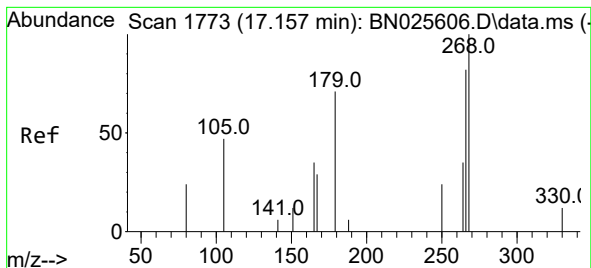
Tgt Ion:188 Resp: 21802
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 12.2 18.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.114 ng
RT: 15.804 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 438.3 110.8 166.2#
105 191.5 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.369 ng

RT: 17.070 min Scan# 1

Delta R.T. -0.001 min

Lab File: BN025733.D

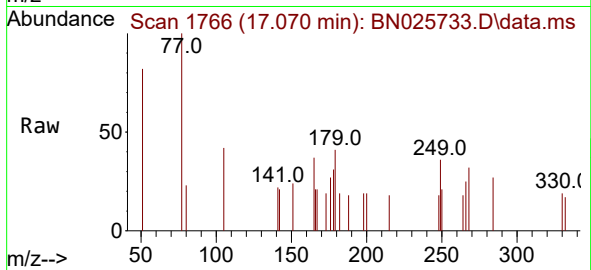
Acq: 31 May 2023 02:43

Instrument :

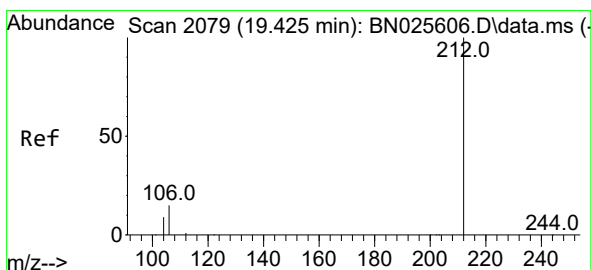
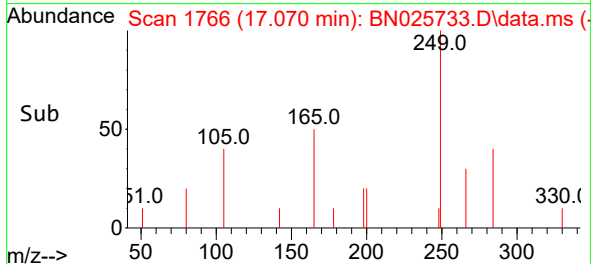
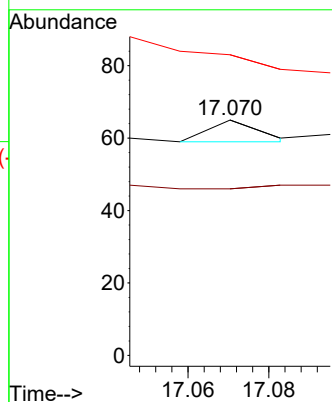
BNA_N

ClientSampleId :

RE115D2-20230522DL



Tgt Ion:	266	Resp:	5
Ion Ratio	Lower	Upper	
266	100		
264	0.0	60.0	90.0#
268	0.0	0.0	0.0



#27

Fluoranthene-d10

Concen: 0.070 ng

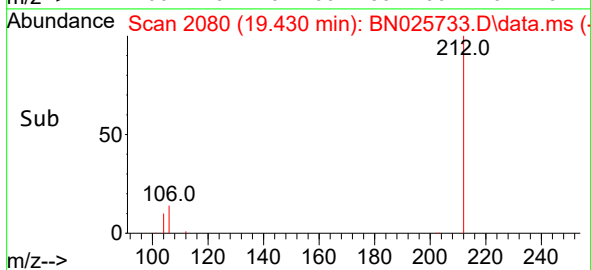
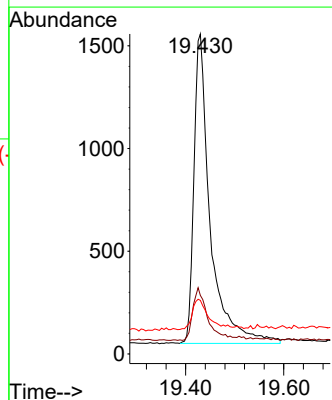
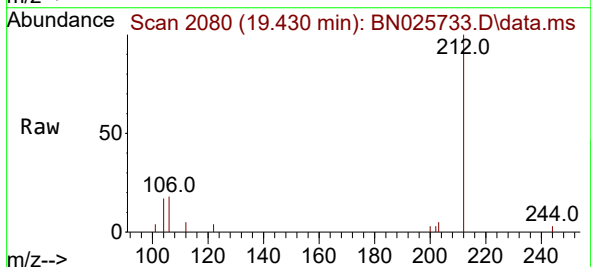
RT: 19.430 min Scan# 2080

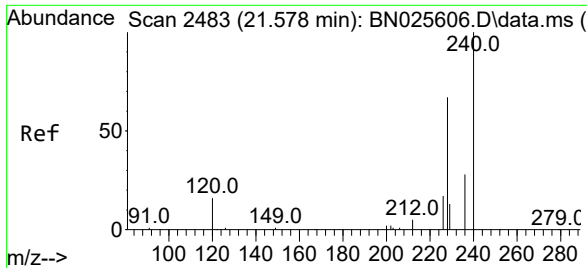
Delta R.T. 0.009 min

Lab File: BN025733.D

Acq: 31 May 2023 02:43

Tgt Ion:	212	Resp:	3473
Ion Ratio	Lower	Upper	
212	100		
106	15.6	12.3	18.5
104	9.2	7.2	10.8

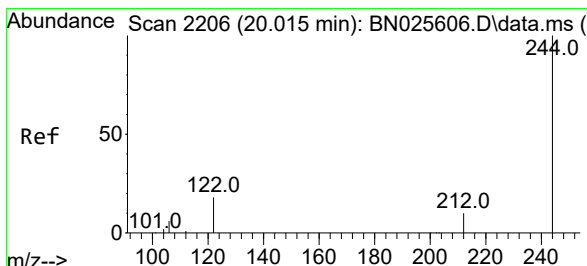
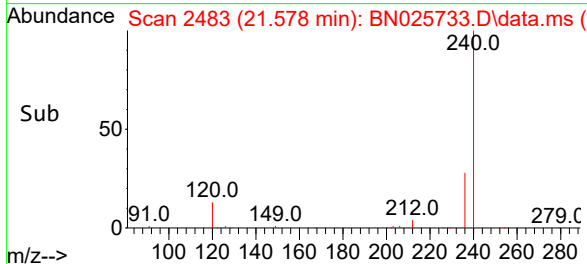
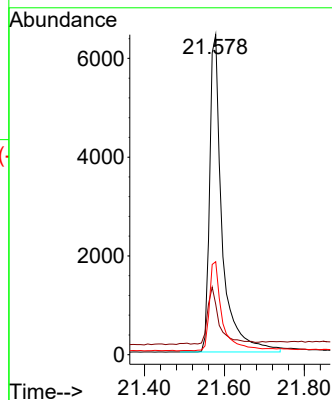
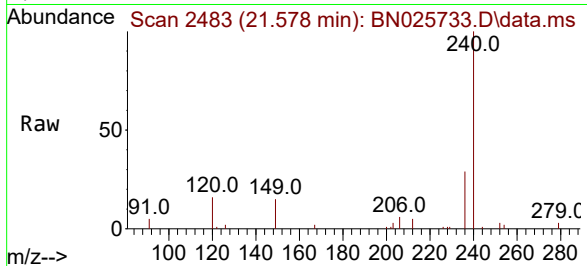




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

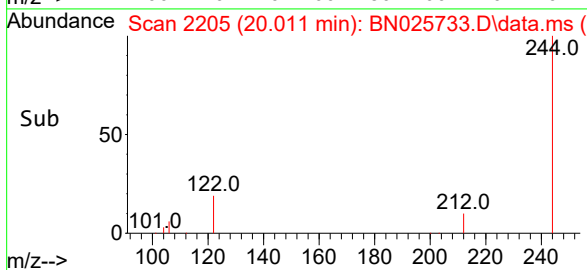
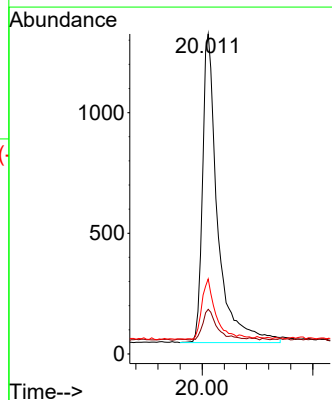
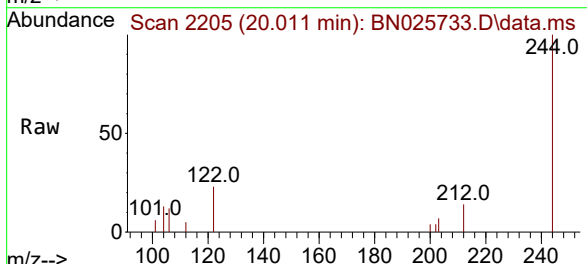
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230522DL

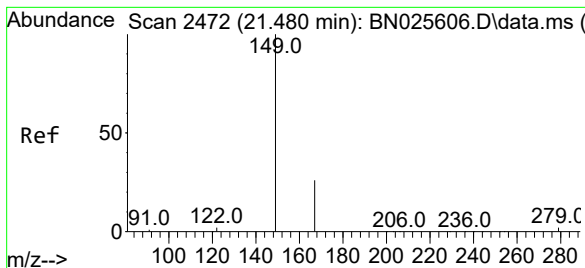
Tgt Ion:240 Resp: 14026
Ion Ratio Lower Upper
240 100
120 15.8 15.4 23.0
236 29.0 23.2 34.8



#31
Terphenyl-d14
Concen: 0.079 ng
RT: 20.011 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

Tgt Ion:244 Resp: 2434
Ion Ratio Lower Upper
244 100
212 14.0 8.5 12.7#
122 23.5 14.9 22.3#

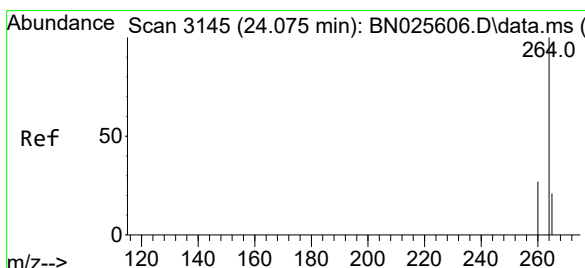
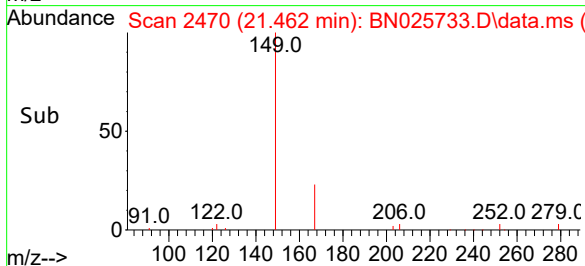
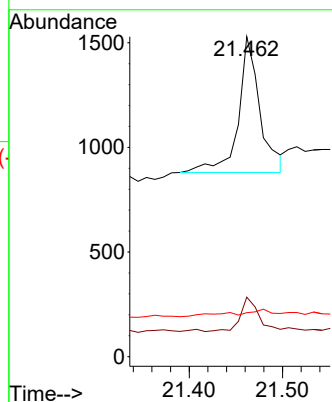
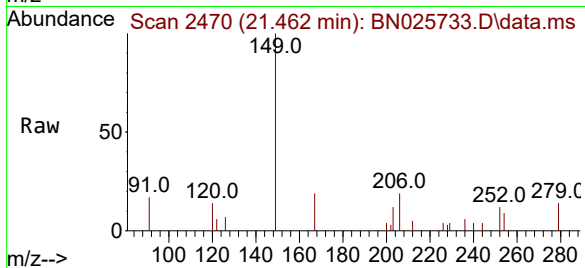




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 21.462 min Scan# 2470
 Delta R.T. -0.009 min
 Lab File: BN025733.D
 Acq: 31 May 2023 02:43

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230522DL

Tgt Ion:149 Resp: 1042
 Ion Ratio Lower Upper
 149 100
 167 23.3 20.4 30.6
 279 3.6 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.063 min Scan# 3141
 Delta R.T. -0.006 min
 Lab File: BN025733.D
 Acq: 31 May 2023 02:43

Tgt Ion:264 Resp: 12258
 Ion Ratio Lower Upper
 264 100
 260 27.1 22.3 33.5
 265 55.8 54.3 81.5

