

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025675.D
 Acq On : 28 May 2023 10:17
 Operator : CG/JU
 Sample : 02911-21
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20230523

Quant Time: May 29 01:15:17 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)

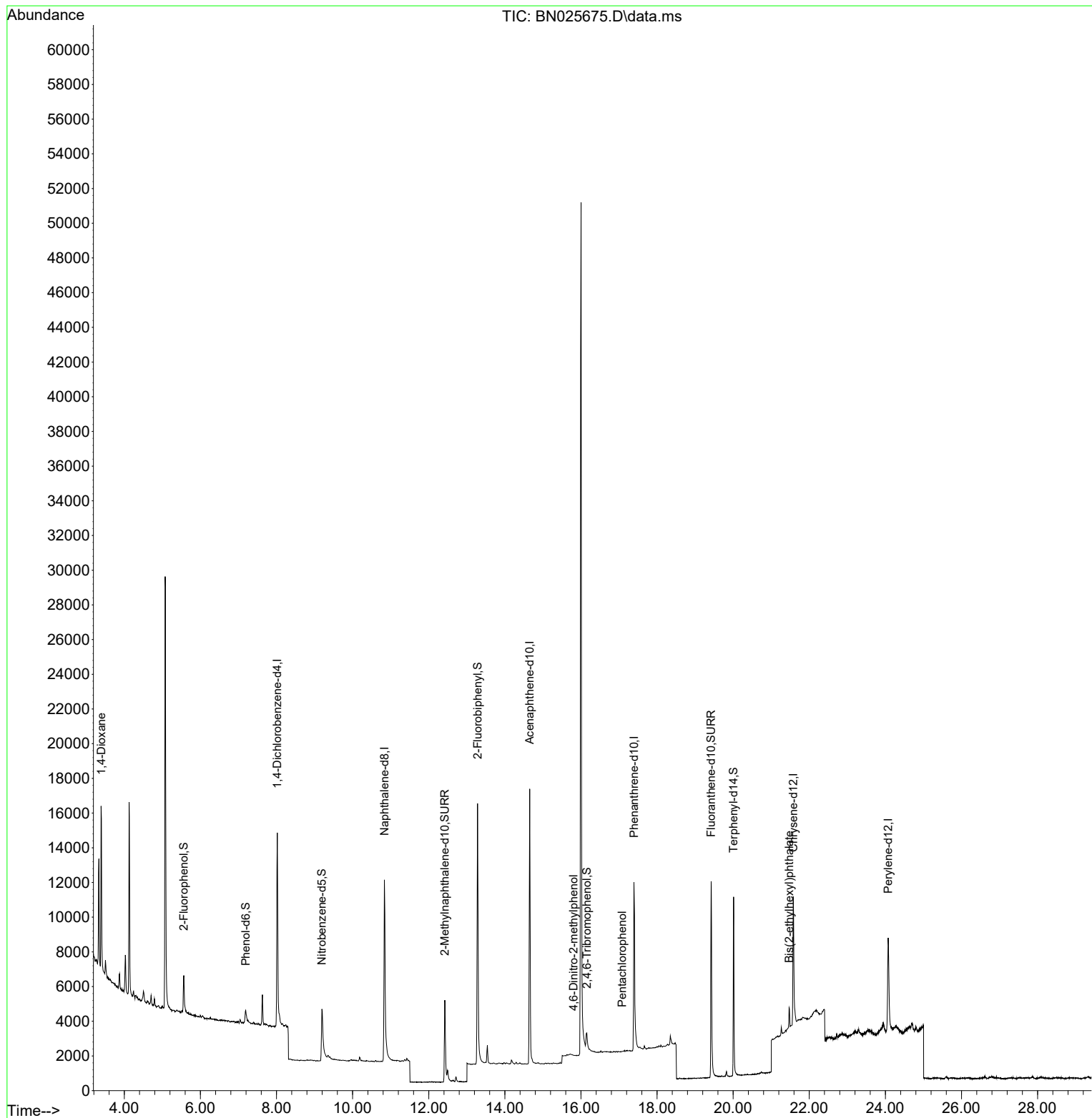
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6583	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	17775	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9594	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	17117	0.400	ng	0.00
29) Chrysene-d12	21.578	240	9719	0.400	ng	0.00
35) Perylene-d12	24.075	264	10366	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2362	0.140	ng	0.00
5) Phenol-d6	7.189	99	1353	0.067	ng	0.01
8) Nitrobenzene-d5	9.191	82	4735	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	8767	0.346	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	768	0.396	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	15370	0.388	ng	0.00
27) Fluoranthene-d10	19.421	212	14870	0.383	ng	0.00
31) Terphenyl-d14	20.011	244	10511	0.494	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	5874	0.771	ng	Qvalue 96
20) 4,6-Dinitro-2-methylph...	15.804	198	5	0.115	ng	# 1
24) Pentachlorophenol	17.083	266	8	0.373	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	1736	0.079	ng	# 90

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

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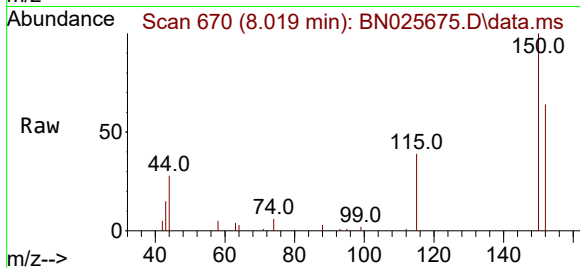
Quant Time: May 29 01:15:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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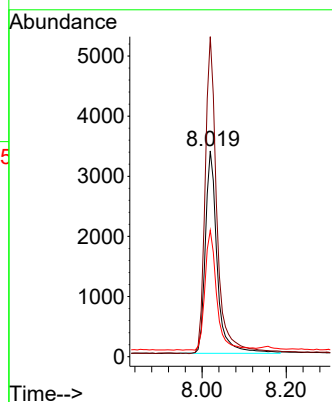
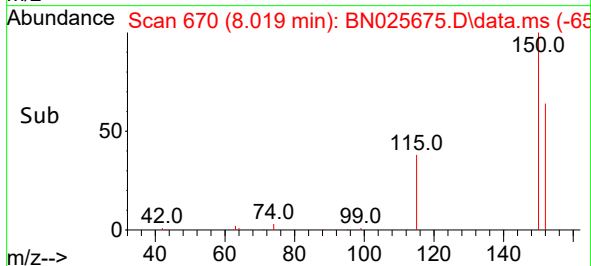


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.019 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025675.D
 Acq: 28 May 2023 10:17

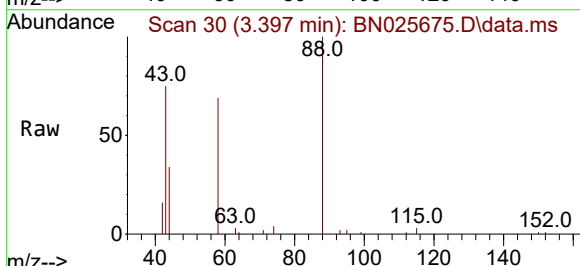
Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20230523



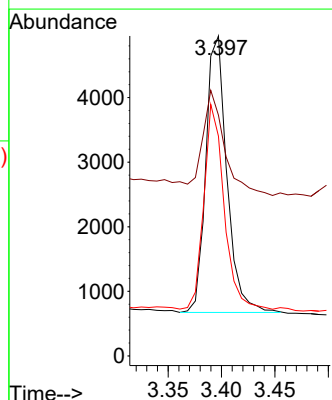
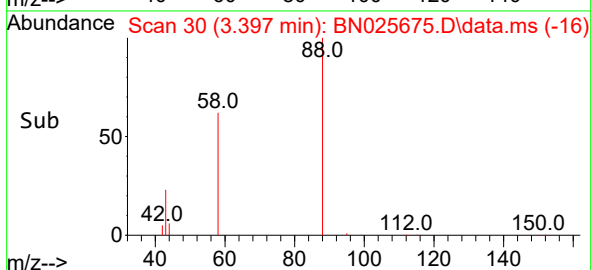
Tgt Ion:152 Resp: 6583
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.0 181.6
 115 61.4 48.5 72.7



#2
 1,4-Dioxane
 Concen: 0.771 ng
 RT: 3.397 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN025675.D
 Acq: 28 May 2023 10:17



Tgt Ion: 88 Resp: 5874
 Ion Ratio Lower Upper
 88 100
 43 39.7 26.5 39.7
 58 70.9 56.8 85.2

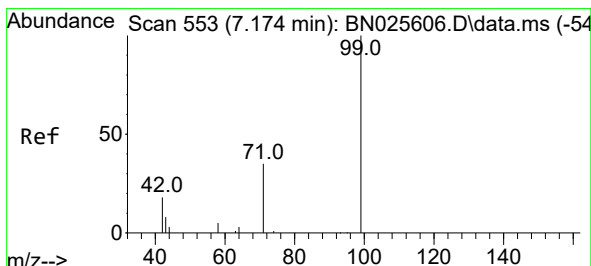
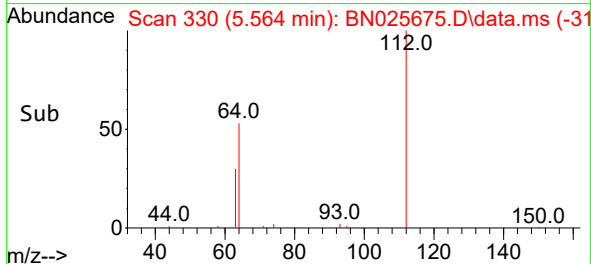
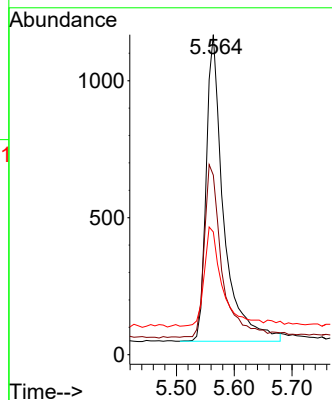
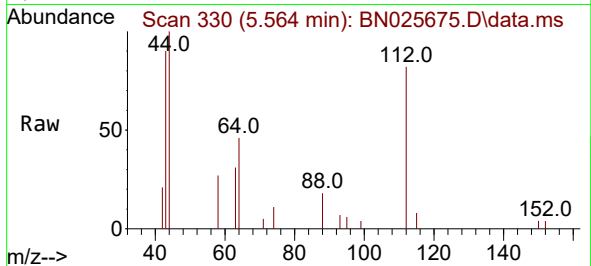




#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025675.D
Acq: 28 May 2023 10:17

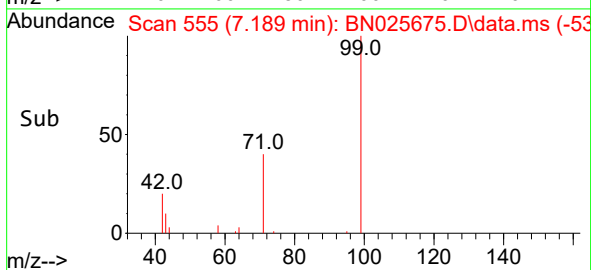
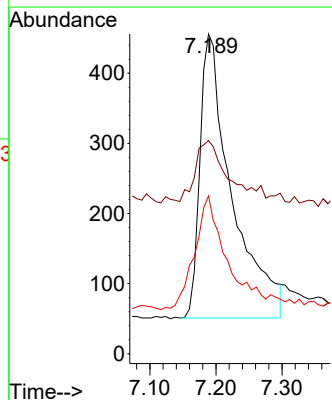
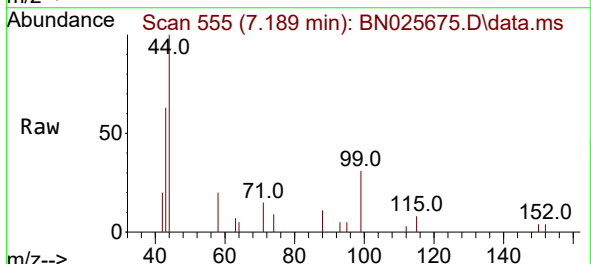
Instrument :
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ClientSampleId :
RE134D1-20230523

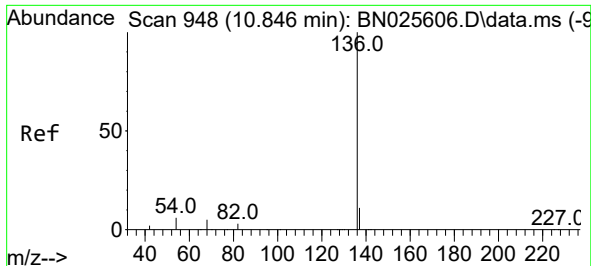
Tgt Ion:112 Resp: 2362
Ion Ratio Lower Upper
112 100
64 58.5 45.7 68.5
63 32.6 26.2 39.2



#5
Phenol-d6
Concen: 0.067 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025675.D
Acq: 28 May 2023 10:17

Tgt Ion: 99 Resp: 1353
Ion Ratio Lower Upper
99 100
42 22.0 17.1 25.7
71 40.4 29.3 43.9

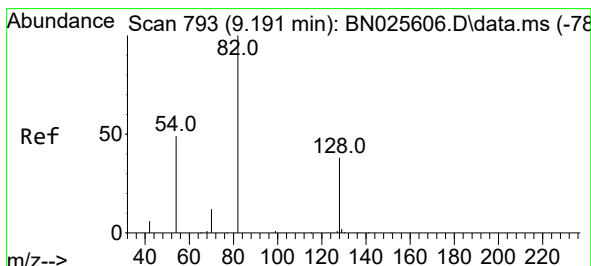
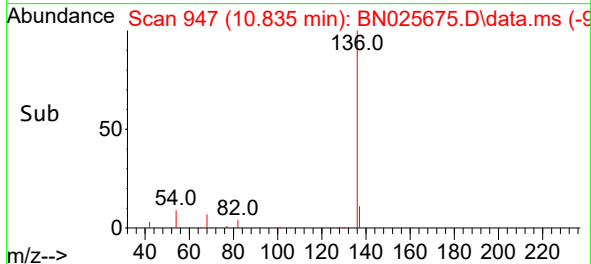
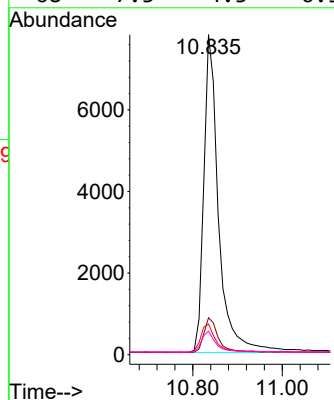
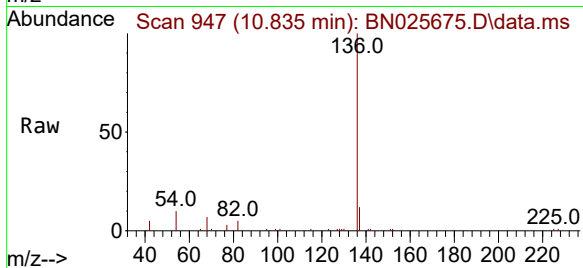




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025675.D
Acq: 28 May 2023 10:17

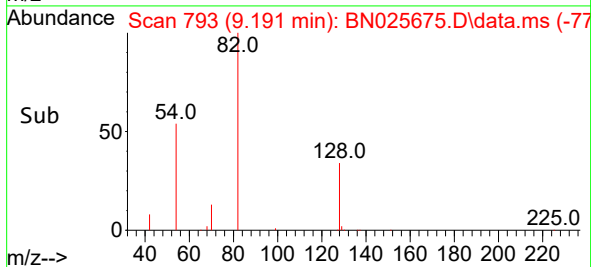
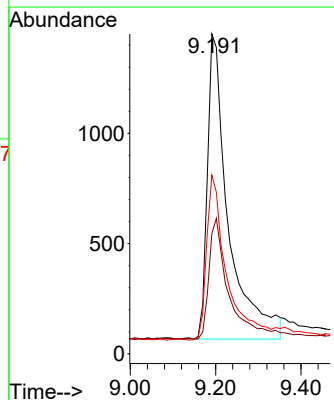
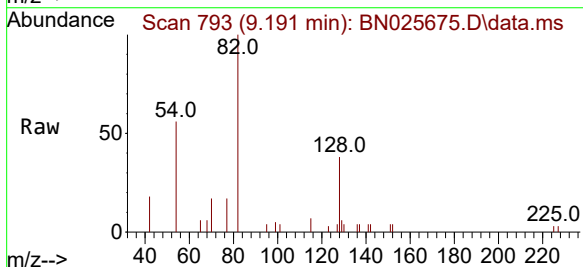
Instrument :
BNA_N
ClientSampleId :
RE134D1-20230523

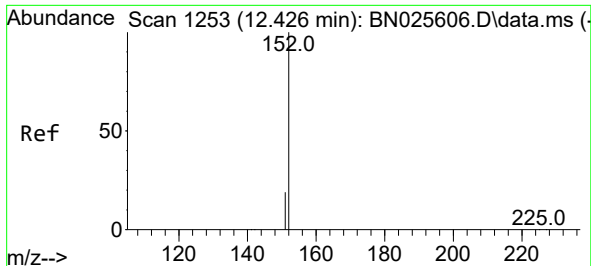
Tgt Ion:	136	Resp:	17775
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	9.5	5.4	8.0#
68	7.3	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025675.D
Acq: 28 May 2023 10:17

Tgt Ion:	82	Resp:	4735
Ion Ratio	Lower	Upper	
82	100		
128	37.6	32.5	48.7
54	55.9	40.6	60.8





#11

2-Methylnaphthalene-d10

Concen: 0.346 ng

RT: 12.423 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BN025675.D

Acq: 28 May 2023 10:17

Instrument :

BNA_N

ClientSampleId :

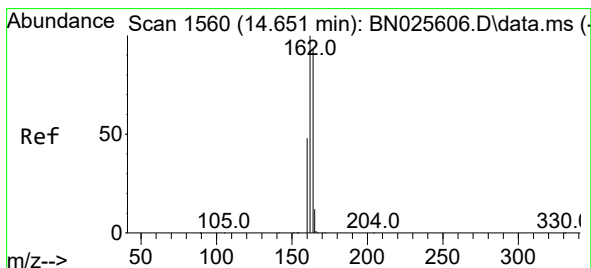
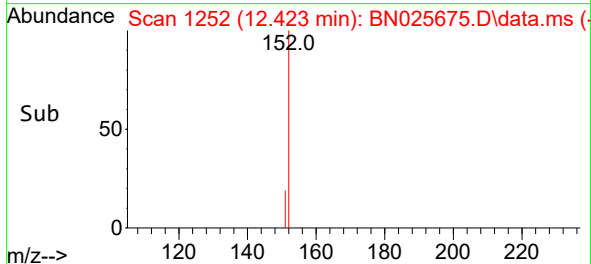
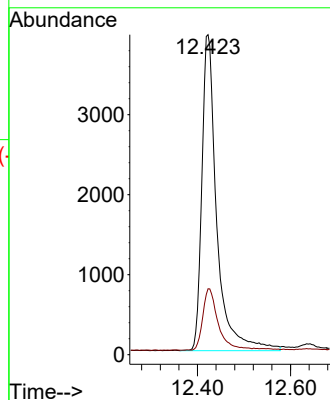
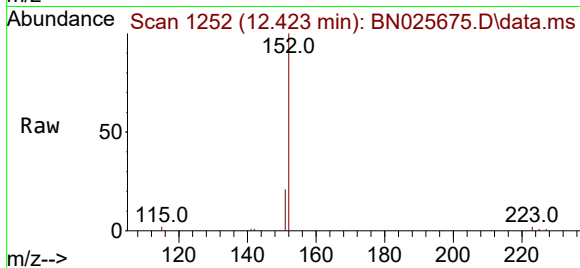
RE134D1-20230523

Tgt Ion:152 Resp: 8767

Ion Ratio Lower Upper

152 100

151 19.8 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: BN025675.D

Acq: 28 May 2023 10:17

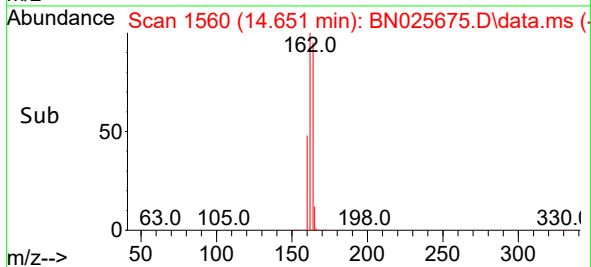
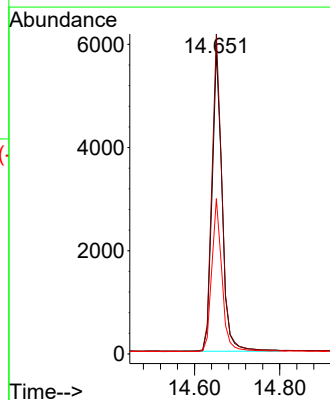
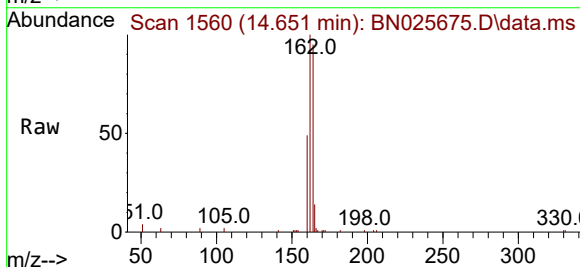
Tgt Ion:164 Resp: 9594

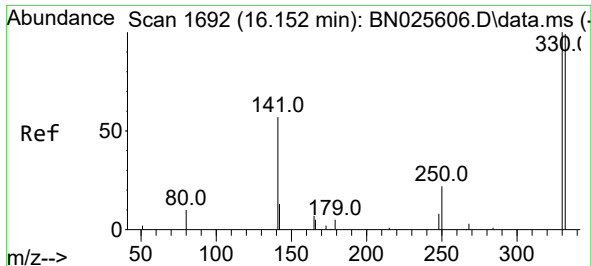
Ion Ratio Lower Upper

164 100

162 105.4 86.4 129.6

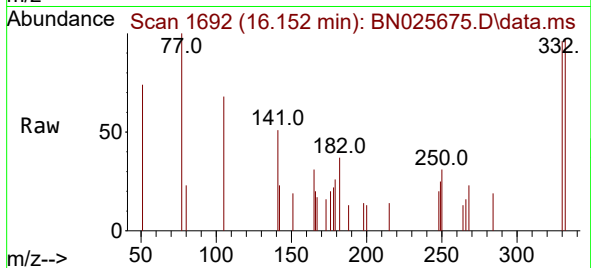
160 51.2 41.9 62.9



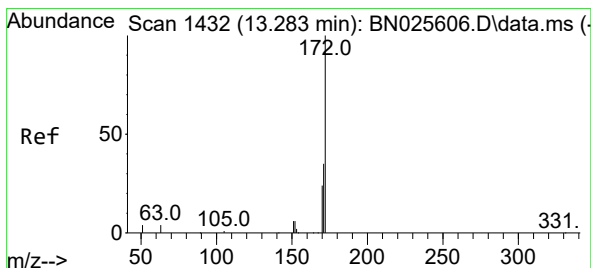
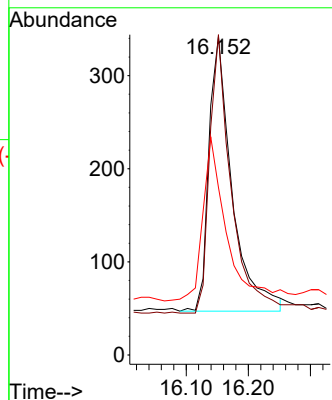
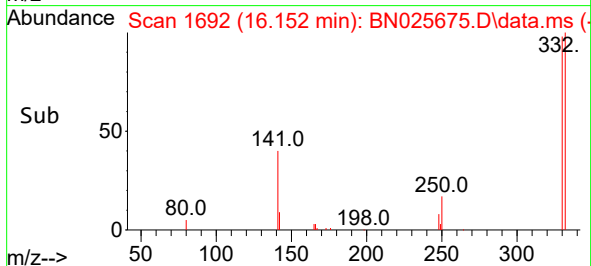


#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025675.D
Acq: 28 May 2023 10:17

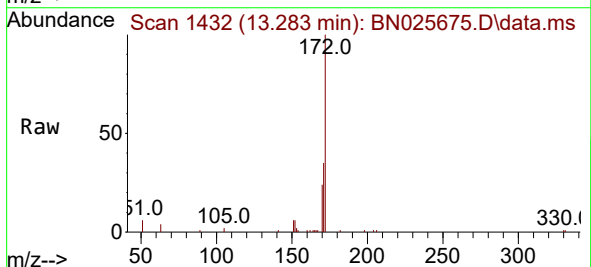
Instrument :
BNA_N
ClientSampleId :
RE134D1-20230523



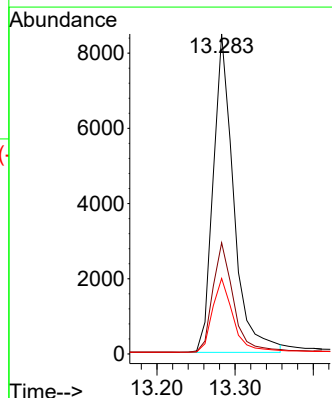
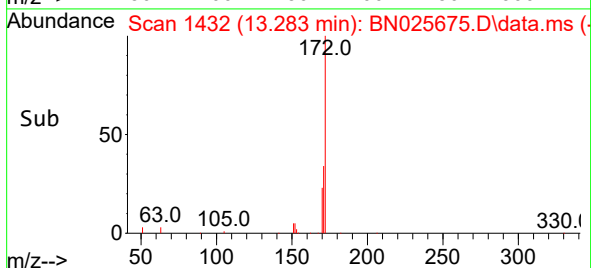
Tgt Ion: 330 Resp: 768
Ion Ratio Lower Upper
330 100
332 94.0 80.0 120.0
141 57.6 45.8 68.6

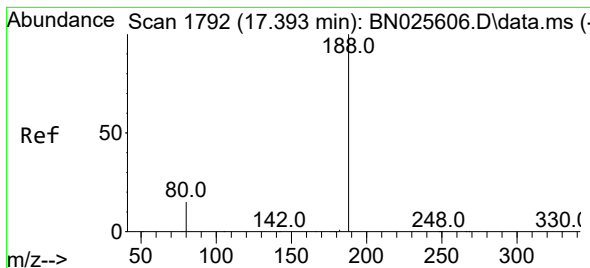


#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025675.D
Acq: 28 May 2023 10:17



Tgt Ion: 172 Resp: 15370
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.6 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: BN025675.D

Acq: 28 May 2023 10:17

Instrument :

BNA_N

ClientSampleId :

RE134D1-20230523

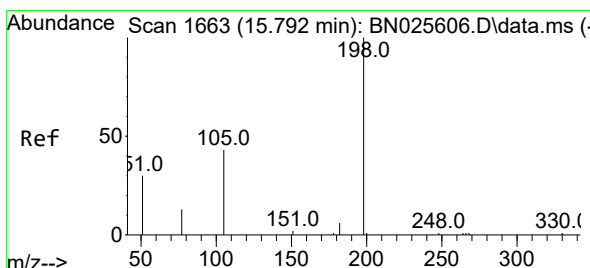
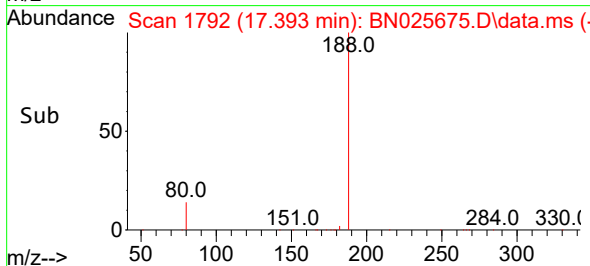
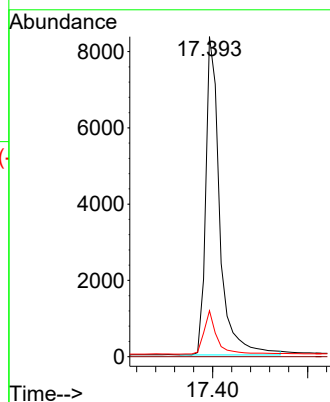
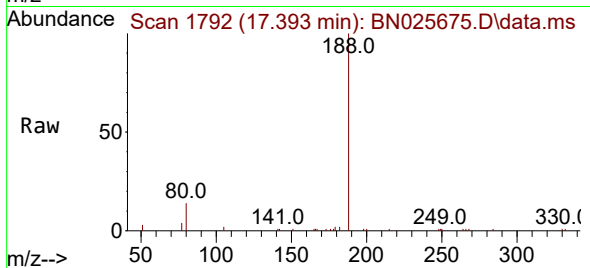
Tgt Ion:188 Resp: 17117

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.3 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.115 ng

RT: 15.804 min Scan# 1664

Delta R.T. 0.012 min

Lab File: BN025675.D

Acq: 28 May 2023 10:17

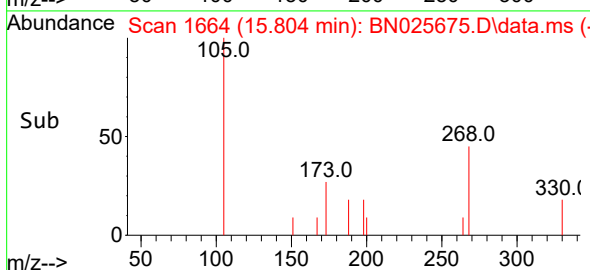
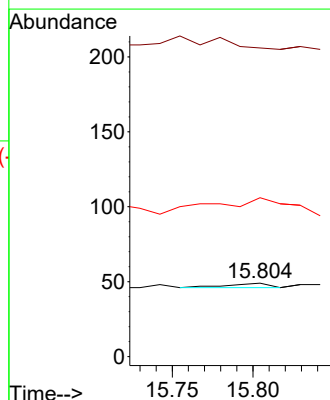
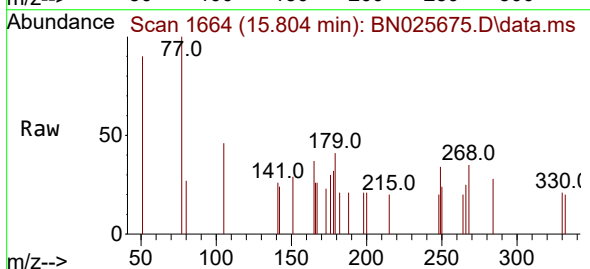
Tgt Ion:198 Resp: 5

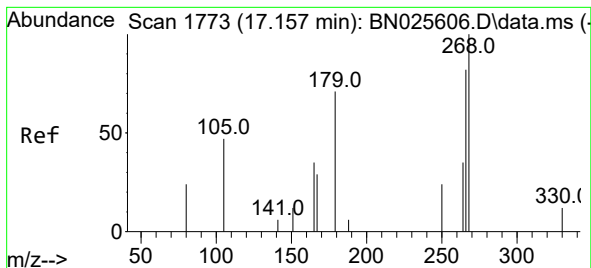
Ion Ratio Lower Upper

198 100

51 420.4 110.8 166.2#

105 216.3 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.373 ng

RT: 17.083 min Scan# 1767

Delta R.T. 0.012 min

Lab File: BN025675.D

Acq: 28 May 2023 10:17

Instrument :

BNA_N

ClientSampleId :

RE134D1-20230523

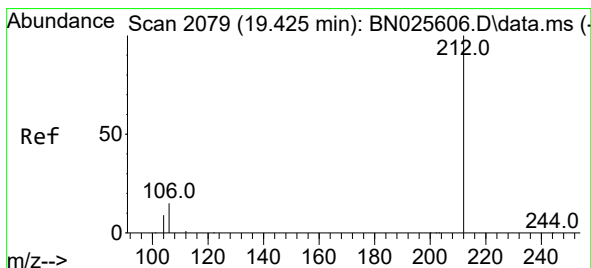
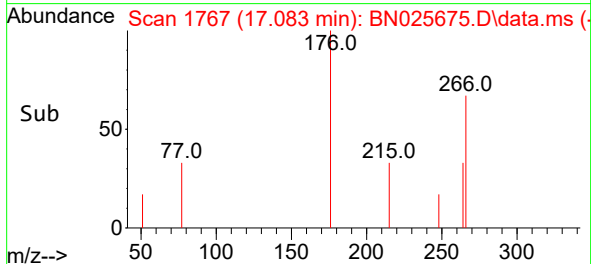
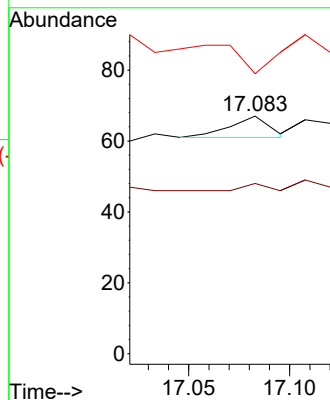
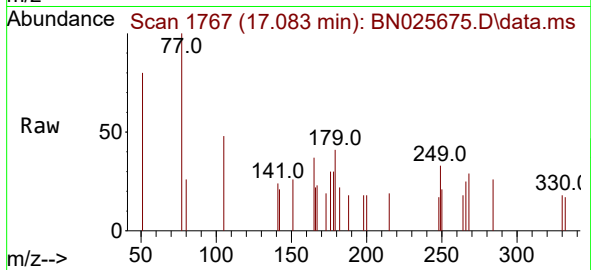
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 0.0 60.0 90.0#

268 0.0 0.0 0.0



#27

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.421 min Scan# 2078

Delta R.T. -0.000 min

Lab File: BN025675.D

Acq: 28 May 2023 10:17

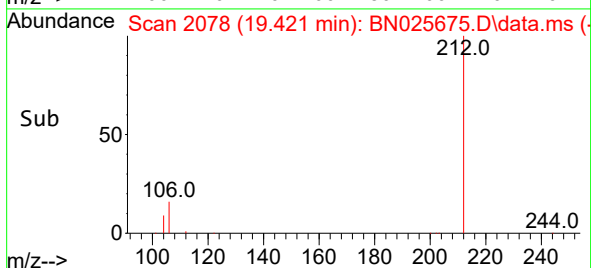
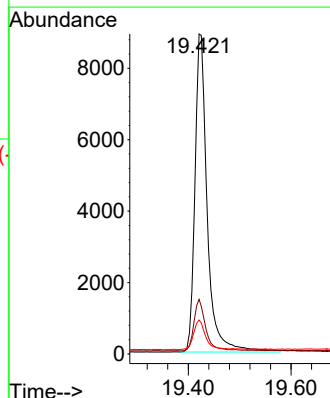
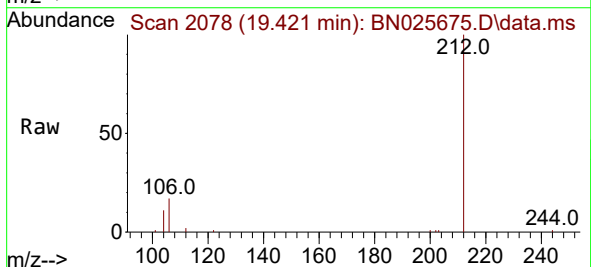
Tgt Ion:212 Resp: 14870

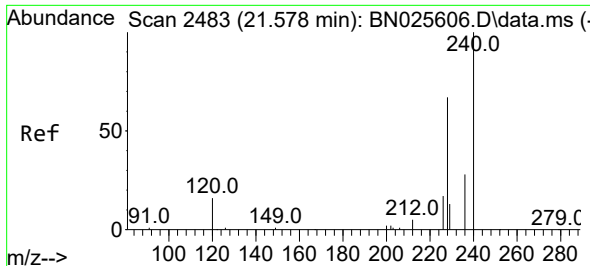
Ion Ratio Lower Upper

212 100

106 15.7 12.3 18.5

104 9.2 7.2 10.8

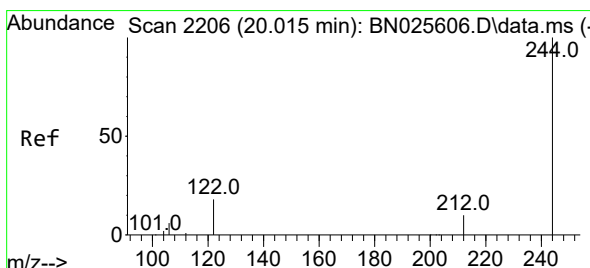
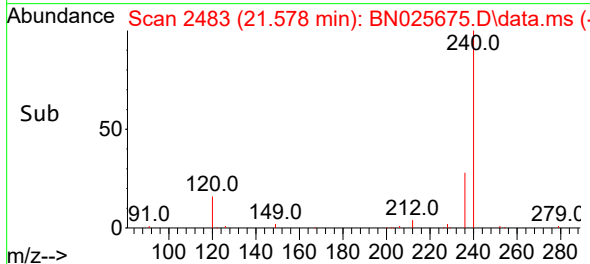
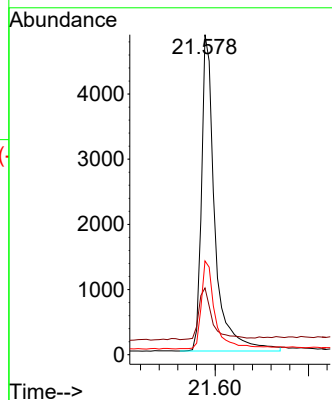
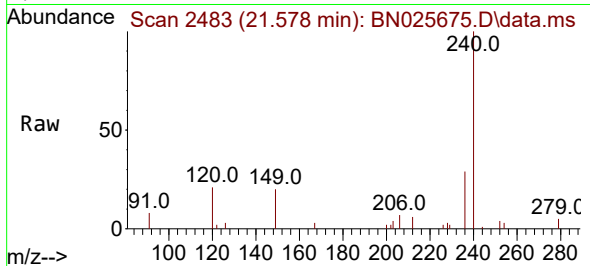




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025675.D
Acq: 28 May 2023 10:17

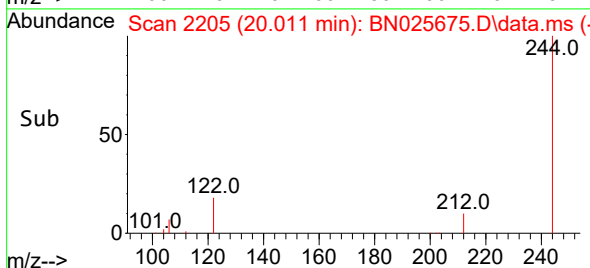
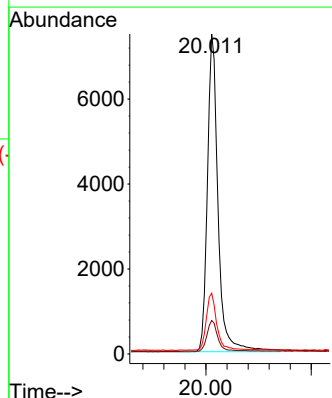
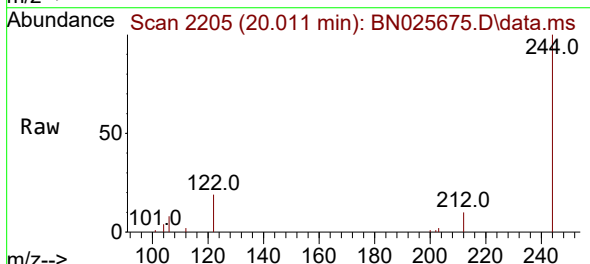
Instrument :
BNA_N
ClientSampleId :
RE134D1-20230523

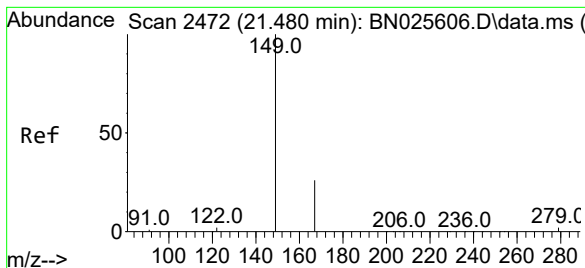
Tgt Ion:240 Resp: 9719
Ion Ratio Lower Upper
240 100
120 20.9 15.4 23.0
236 29.3 23.2 34.8



#31
Terphenyl-d14
Concen: 0.494 ng
RT: 20.011 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BN025675.D
Acq: 28 May 2023 10:17

Tgt Ion:244 Resp: 10511
Ion Ratio Lower Upper
244 100
212 10.5 8.5 12.7
122 19.0 14.9 22.3

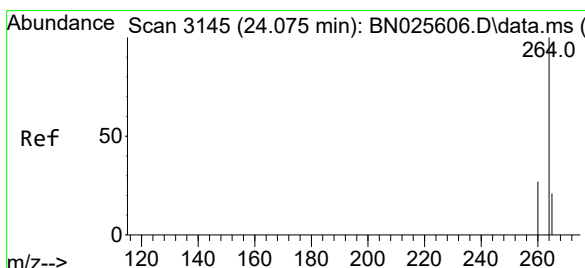
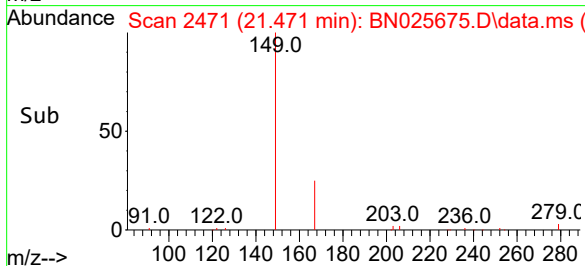
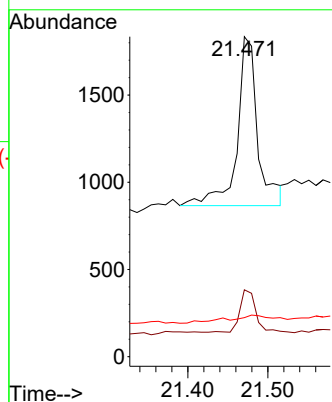
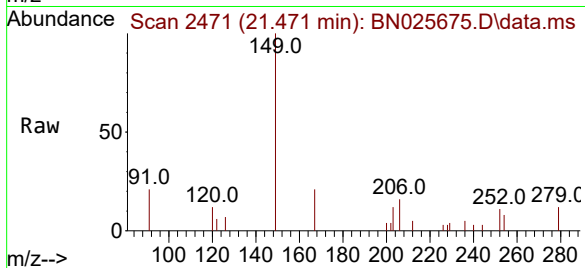




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025675.D
 Acq: 28 May 2023 10:17

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20230523

Tgt Ion:149 Resp: 1736
 Ion Ratio Lower Upper
 149 100
 167 19.9 20.4 30.6#
 279 4.8 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.075 min Scan# 3145
 Delta R.T. 0.006 min
 Lab File: BN025675.D
 Acq: 28 May 2023 10:17

Tgt Ion:264 Resp: 10366
 Ion Ratio Lower Upper
 264 100
 260 26.9 22.3 33.5
 265 62.0 54.3 81.5

