

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025688.D
 Acq On : 28 May 2023 19:13
 Operator : CG/JU
 Sample : 02912-07
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20230523

Quant Time: May 29 01:41:03 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)

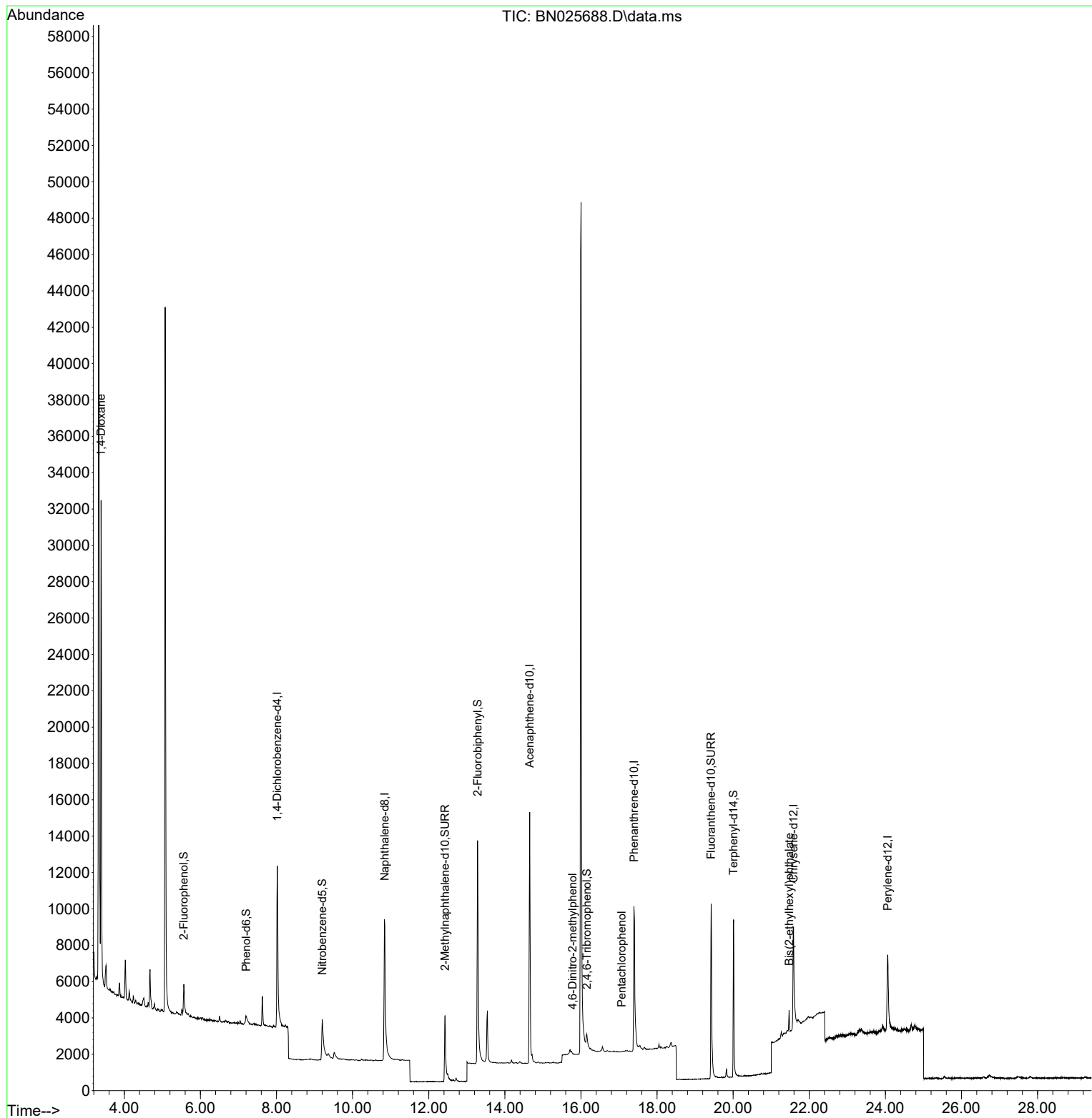
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5704	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	15430	0.400	ng	0.01
13) Acenaphthene-d10	14.651	164	8696	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	15645	0.400	ng	0.00
29) Chrysene-d12	21.587	240	7945	0.400	ng	0.00
35) Perylene-d12	24.060	264	8106	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2012	0.138	ng	0.00
5) Phenol-d6	7.203	99	1031	0.059	ng	0.03
8) Nitrobenzene-d5	9.202	82	3840	0.297	ng	0.01
11) 2-Methylnaphthalene-d10	12.427	152	7523	0.342	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	576	0.328	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13585	0.379	ng	0.00
27) Fluoranthene-d10	19.421	212	13265	0.374	ng	0.00
31) Terphenyl-d14	20.011	244	9406	0.541	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	15632	2.367	ng	Qvalue 100
20) 4,6-Dinitro-2-methylph...	15.780	198	1	0.114	ng	# 1
24) Pentachlorophenol	17.071	266	18	0.384	ng	# 38
34) Bis(2-ethylhexyl)phtha...	21.471	149	1081	0.060	ng	# 97

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

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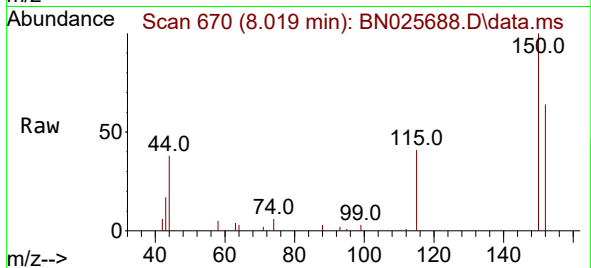
Quant Time: May 29 01:41:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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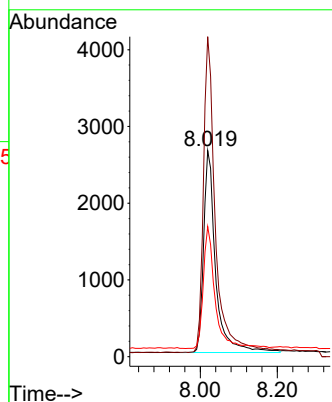
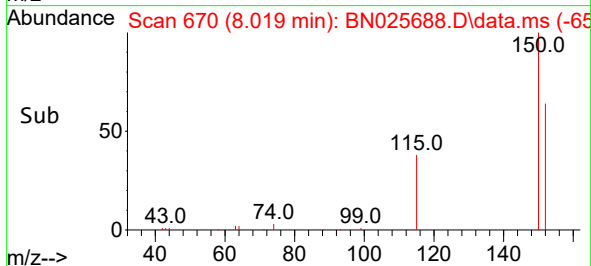


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025688.D
Acq: 28 May 2023 19:13

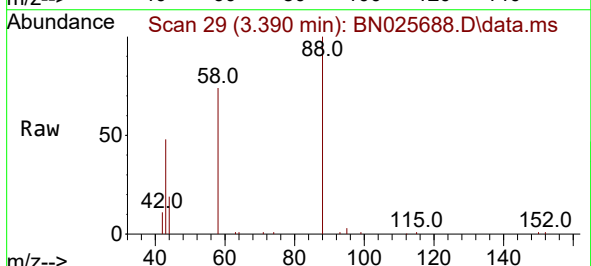
Instrument :
BNA_N
ClientSampleId :
RE134D4-20230523



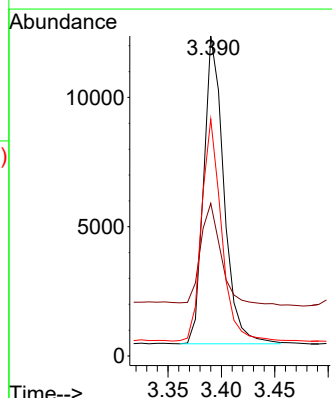
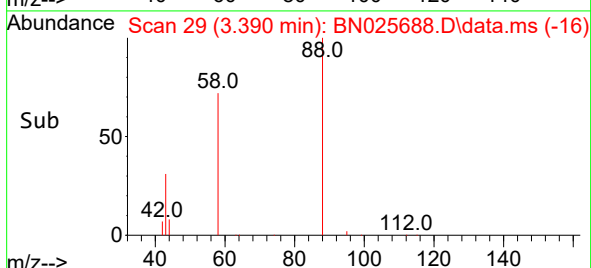
Tgt Ion:152 Resp: 5704
Ion Ratio Lower Upper
152 100
150 155.2 121.0 181.6
115 63.1 48.5 72.7



#2
1,4-Dioxane
Concen: 2.367 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025688.D
Acq: 28 May 2023 19:13



Tgt Ion: 88 Resp: 15632
Ion Ratio Lower Upper
88 100
43 33.8 26.5 39.7
58 71.1 56.8 85.2

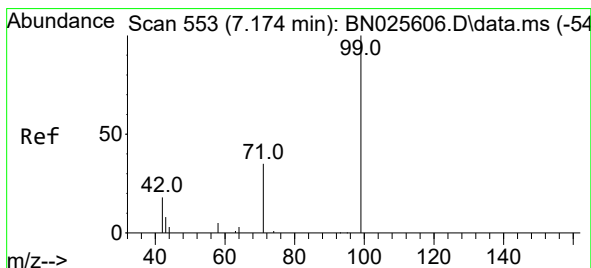
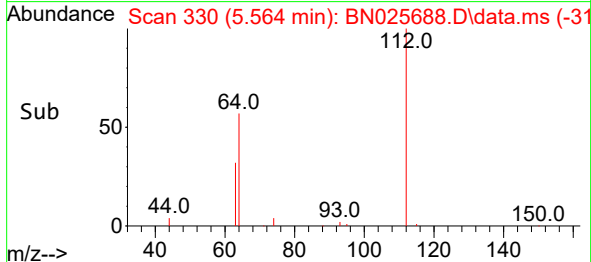
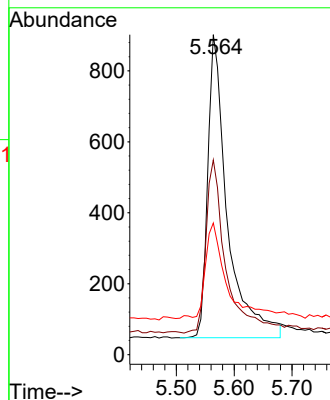
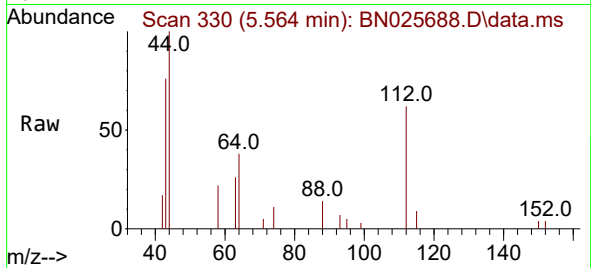




#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025688.D
Acq: 28 May 2023 19:13

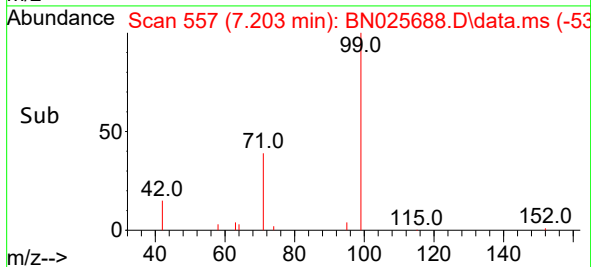
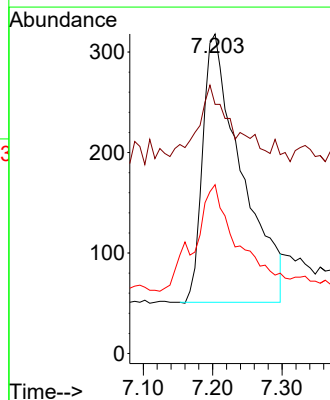
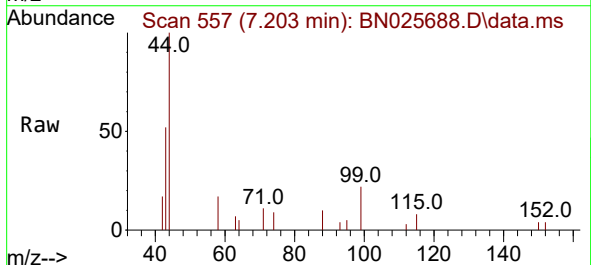
Instrument :
BNA_N
ClientSampleId :
RE134D4-20230523

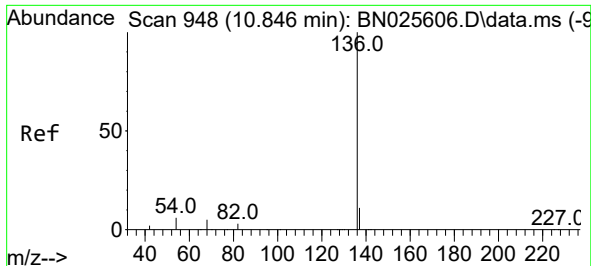
Tgt Ion:112 Resp: 2012
Ion Ratio Lower Upper
112 100
64 58.0 45.7 68.5
63 33.8 26.2 39.2



#5
Phenol-d6
Concen: 0.059 ng
RT: 7.203 min Scan# 557
Delta R.T. 0.029 min
Lab File: BN025688.D
Acq: 28 May 2023 19:13

Tgt Ion: 99 Resp: 1031
Ion Ratio Lower Upper
99 100
42 24.5 17.1 25.7
71 30.5 29.3 43.9

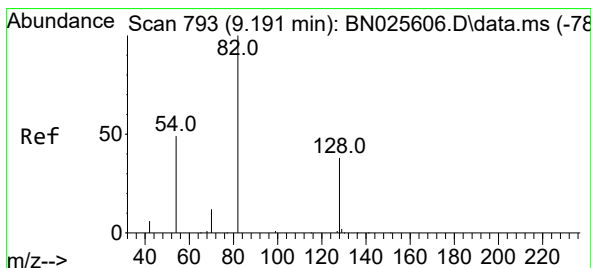
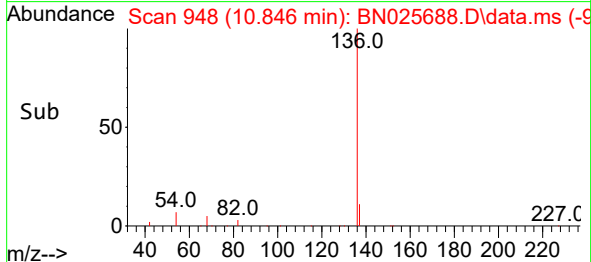
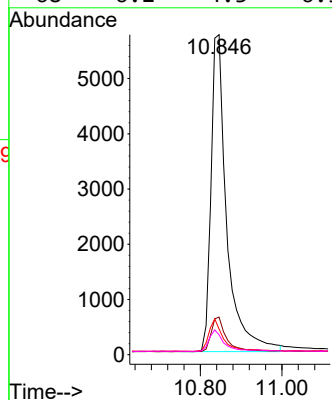
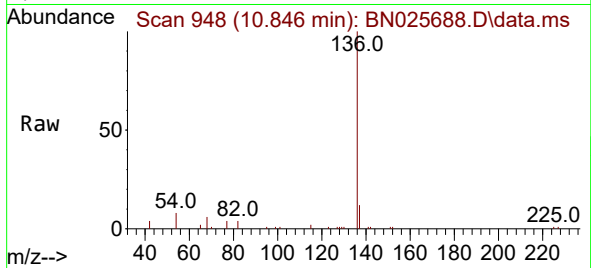




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN025688.D
Acq: 28 May 2023 19:13

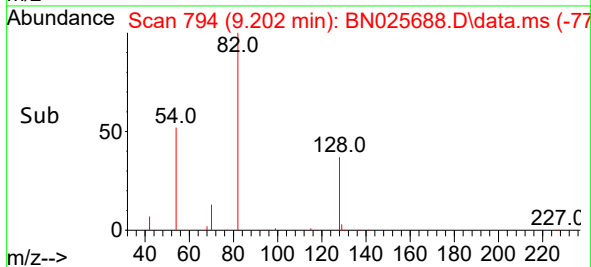
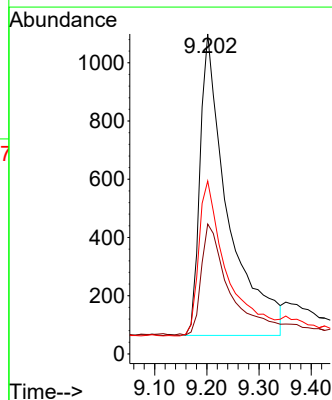
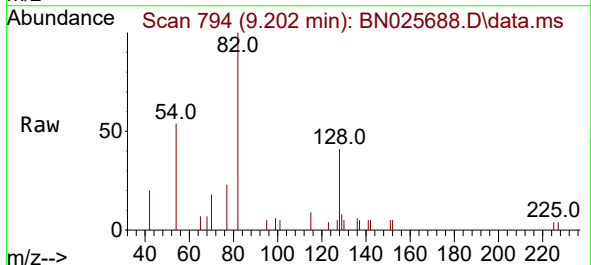
Instrument :
BNA_N
ClientSampleId :
RE134D4-20230523

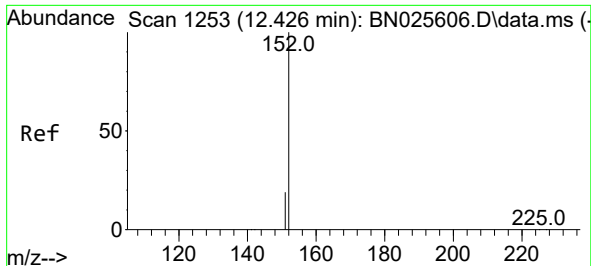
Tgt Ion:	136	Resp:	15430
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	8.0	5.4	8.0
68	6.2	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025688.D
Acq: 28 May 2023 19:13

Tgt Ion:	82	Resp:	3840
Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.5	48.7
54	54.0	40.6	60.8

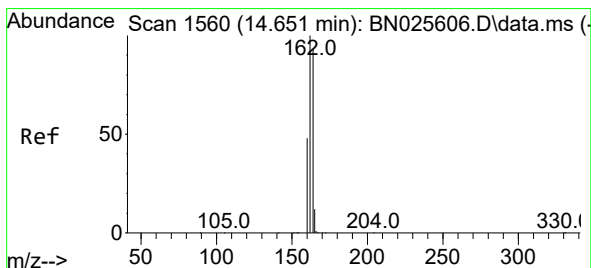
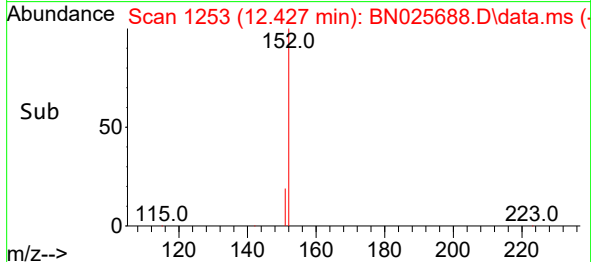
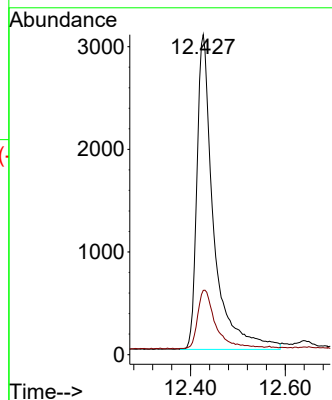
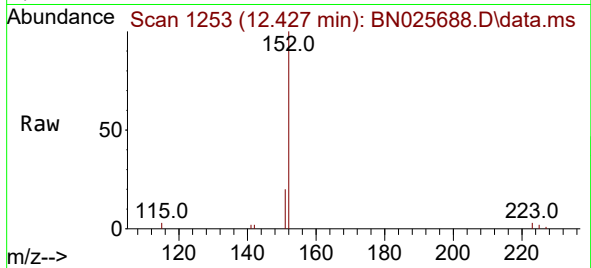




#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.427 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN025688.D
Acq: 28 May 2023 19:13

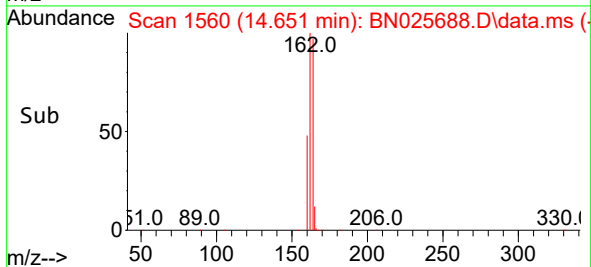
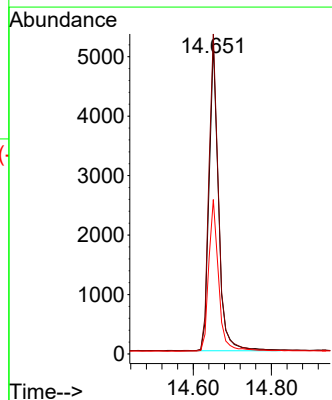
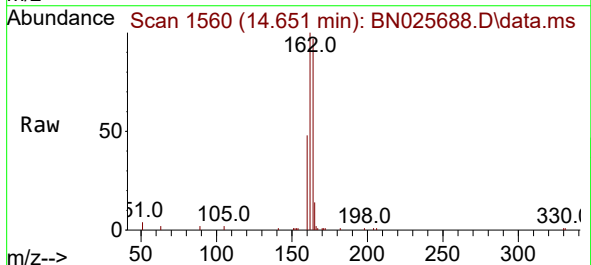
Instrument :
BNA_N
ClientSampleId :
RE134D4-20230523

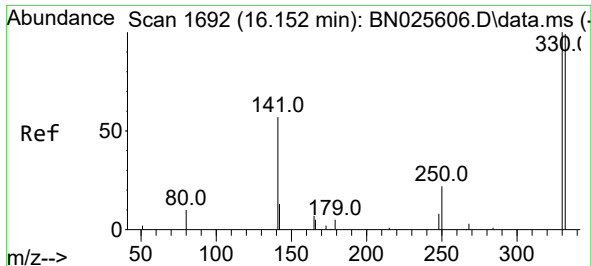
Tgt Ion:152 Resp: 7523
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025688.D
Acq: 28 May 2023 19:13

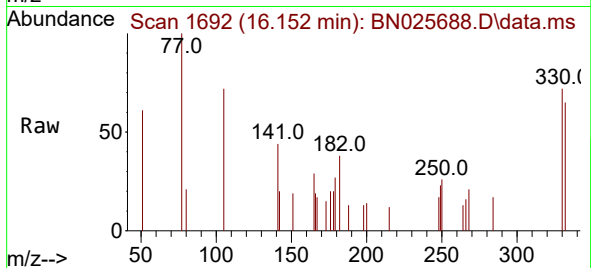
Tgt Ion:164 Resp: 8696
Ion Ratio Lower Upper
164 100
162 103.0 86.4 129.6
160 49.7 41.9 62.9



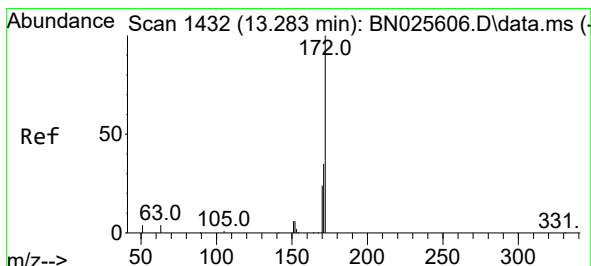
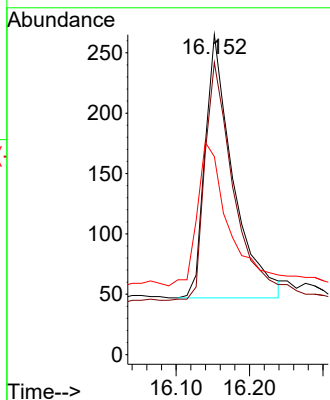
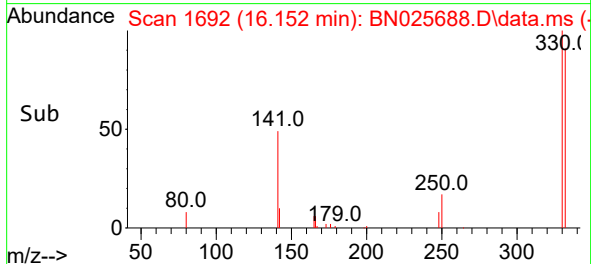


#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 16.152 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025688.D
Acq: 28 May 2023 19:13

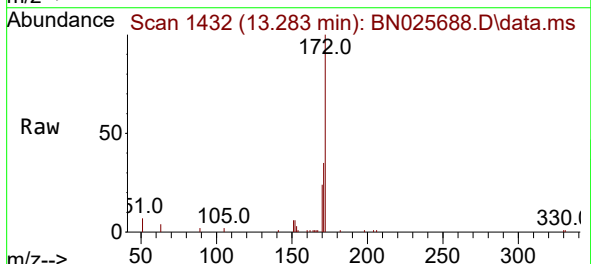
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RE134D4-20230523



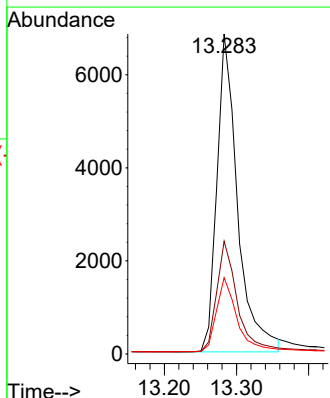
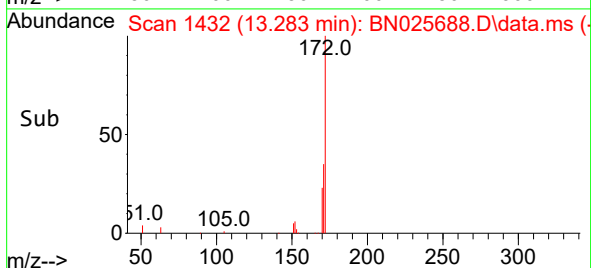
Tgt Ion:330 Resp: 576
Ion Ratio Lower Upper
330 100
332 93.4 80.0 120.0
141 62.0 45.8 68.6

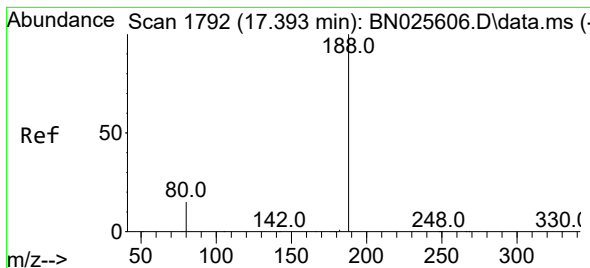


#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025688.D
Acq: 28 May 2023 19:13



Tgt Ion:172 Resp: 13585
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.9 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN025688.D

Acq: 28 May 2023 19:13

Instrument :

BNA_N

ClientSampleId :

RE134D4-20230523

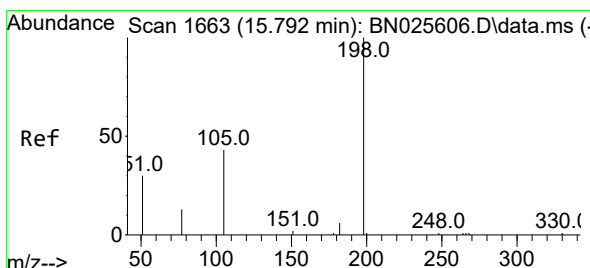
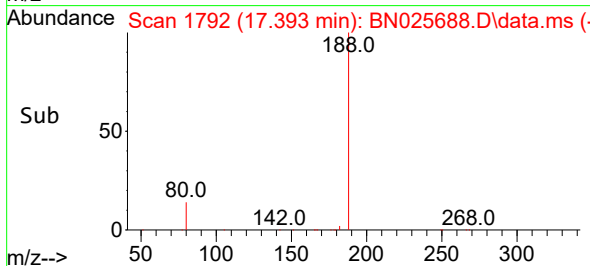
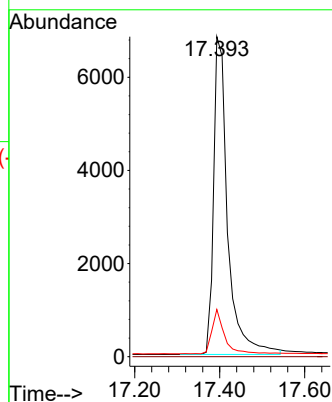
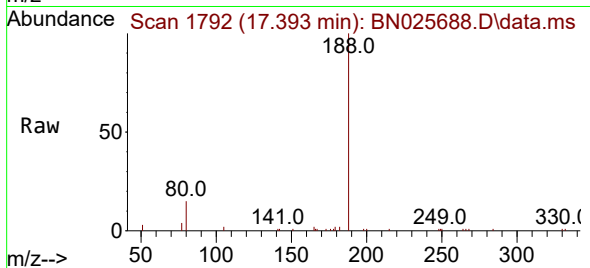
Tgt Ion:188 Resp: 15645

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.8 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.114 ng

RT: 15.780 min Scan# 1662

Delta R.T. -0.012 min

Lab File: BN025688.D

Acq: 28 May 2023 19:13

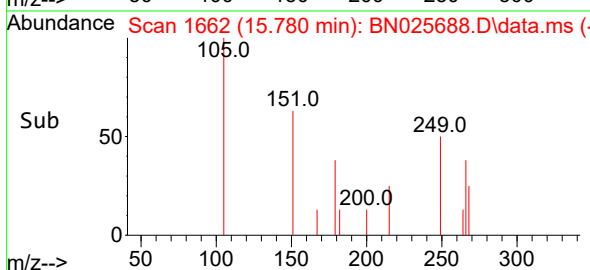
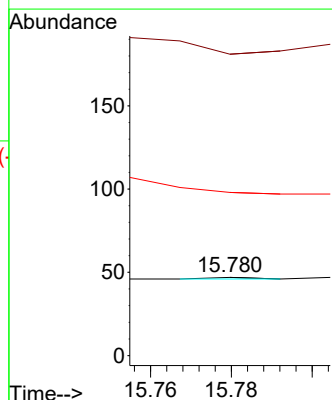
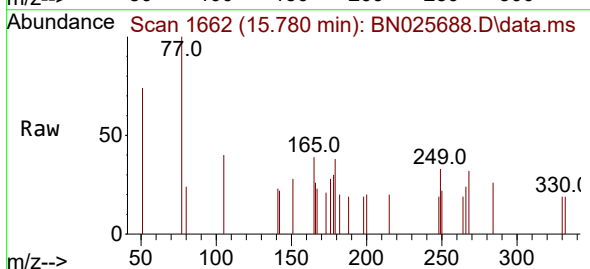
Tgt Ion:198 Resp: 1

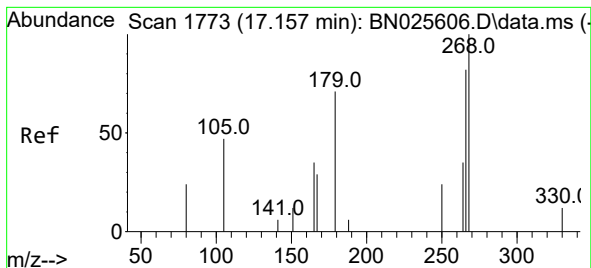
Ion Ratio Lower Upper

198 100

51 385.1 110.8 166.2#

105 208.5 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.384 ng

RT: 17.071 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN025688.D

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Instrument :

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RE134D4-20230523

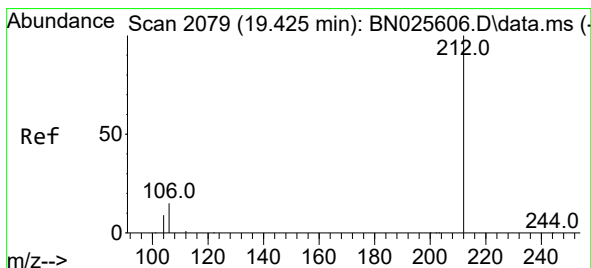
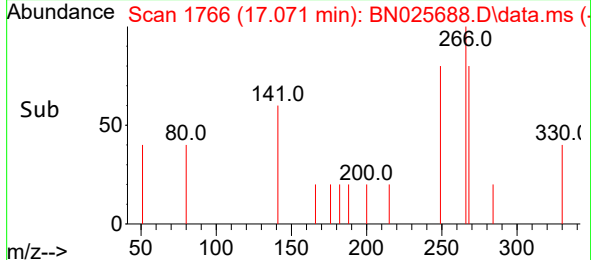
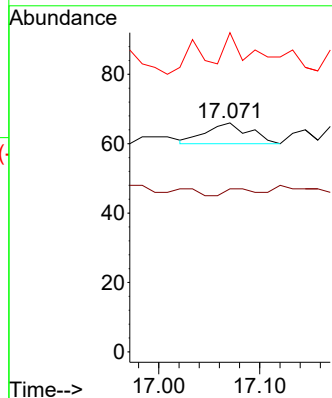
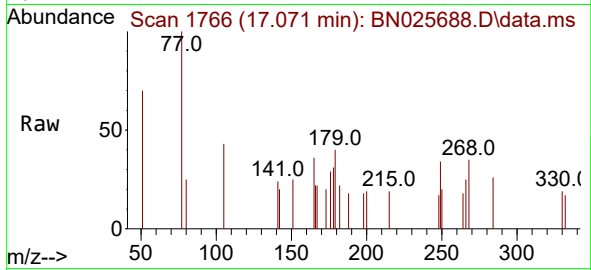
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 22.2 60.0 90.0#

268 144.4 0.0 0.0#



#27

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.421 min Scan# 2078

Delta R.T. -0.000 min

Lab File: BN025688.D

Acq: 28 May 2023 19:13

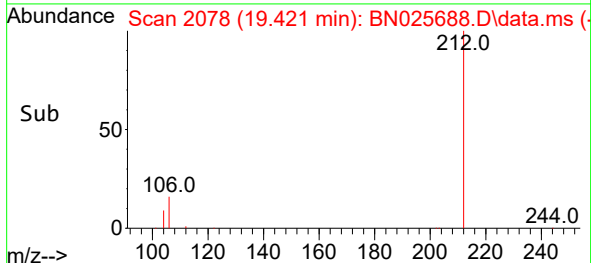
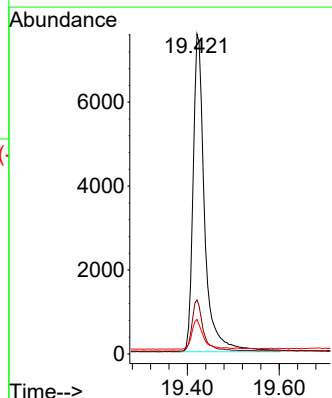
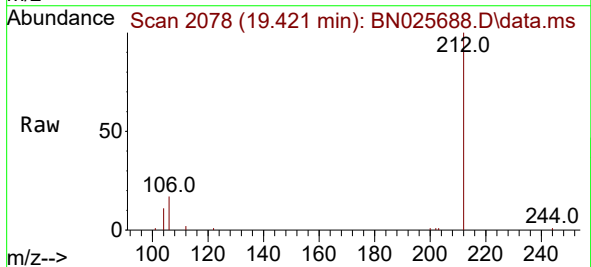
Tgt Ion:212 Resp: 13265

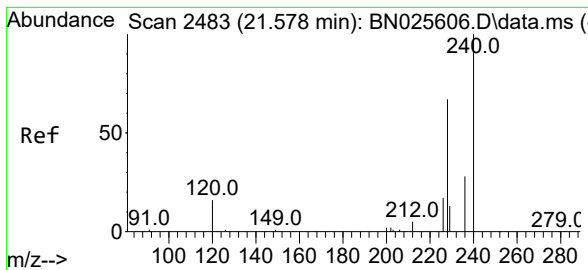
Ion Ratio Lower Upper

212 100

106 15.6 12.3 18.5

104 9.2 7.2 10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 2484

Delta R.T. 0.009 min

Lab File: BN025688.D

Acq: 28 May 2023 19:13

Instrument :

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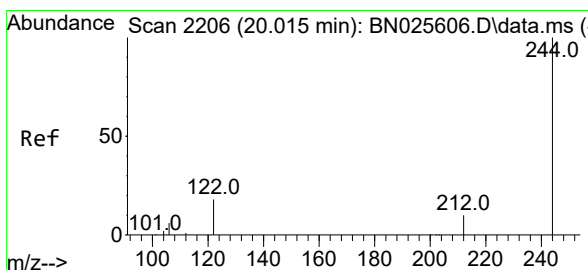
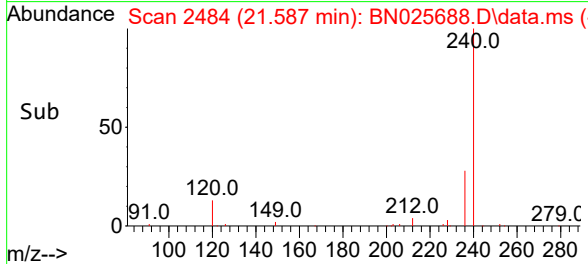
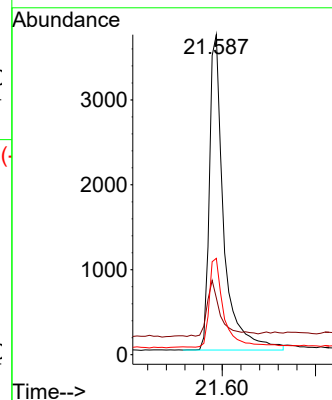
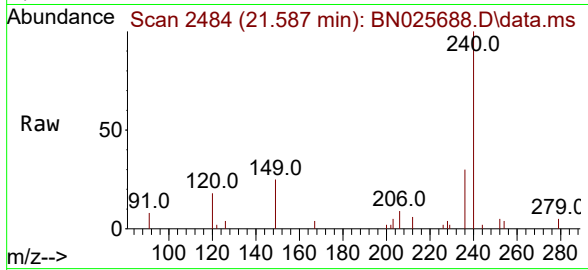
Tgt Ion:240 Resp: 7945

Ion Ratio Lower Upper

240 100

120 17.7 15.4 23.0

236 30.1 23.2 34.8



#31

Terphenyl-d14

Concen: 0.541 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025688.D

Acq: 28 May 2023 19:13

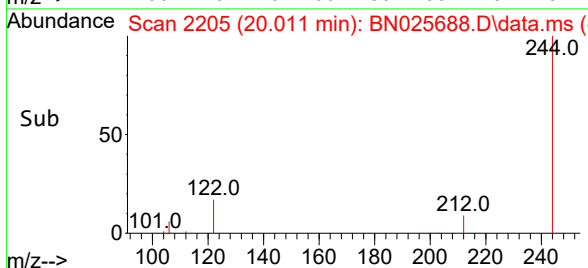
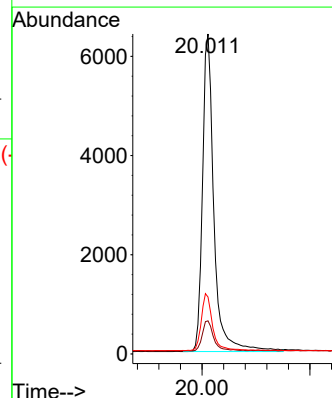
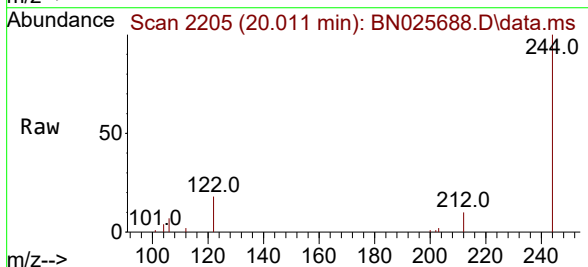
Tgt Ion:244 Resp: 9406

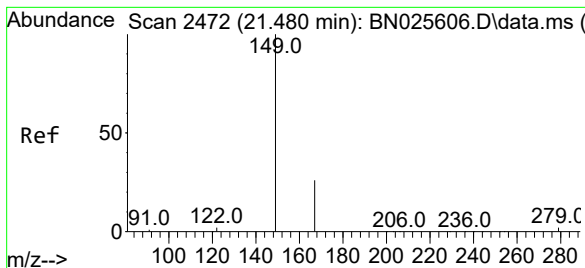
Ion Ratio Lower Upper

244 100

212 10.4 8.5 12.7

122 17.8 14.9 22.3

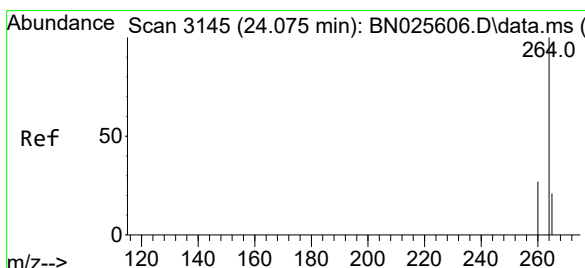
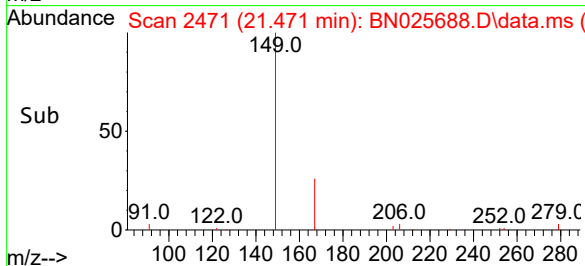
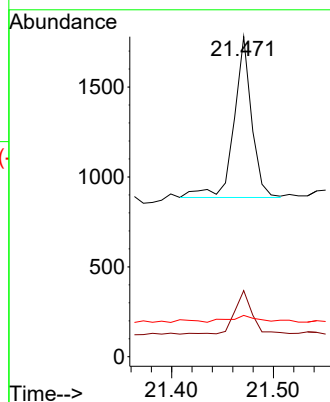
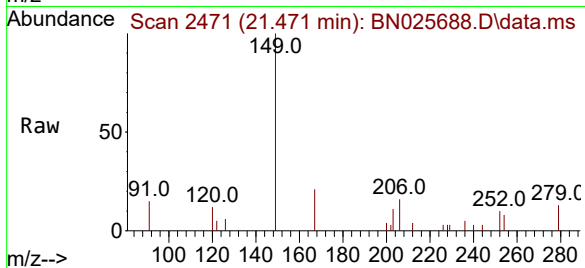




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.060 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025688.D
 Acq: 28 May 2023 19:13

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20230523

Tgt Ion:149 Resp: 1081
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.4 30.6
 279 7.6 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.060 min Scan# 3140
 Delta R.T. -0.009 min
 Lab File: BN025688.D
 Acq: 28 May 2023 19:13

Tgt Ion:264 Resp: 8106
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.3 33.5
 265 74.9 54.3 81.5

