

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025690.D
 Acq On : 28 May 2023 20:25
 Operator : CG/JU
 Sample : 02912-09
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20230522

Quant Time: May 29 01:41:25 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)

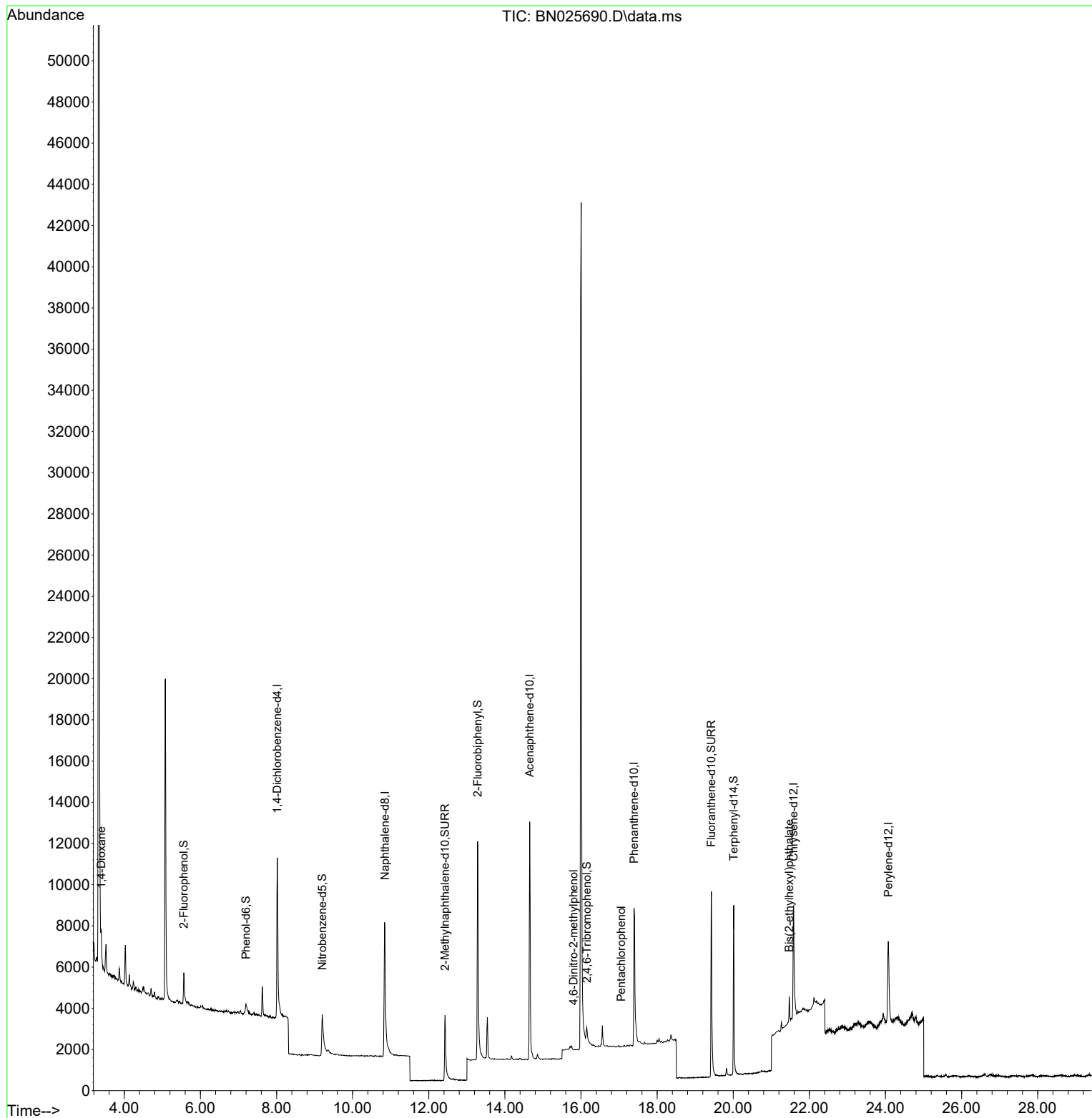
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5001	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	13156	0.400	ng	# 0.01
13) Acenaphthene-d10	14.651	164	7290	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	13306	0.400	ng	0.00
29) Chrysene-d12	21.587	240	7907	0.400	ng	0.00
35) Perylene-d12	24.075	264	8100	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1831	0.143	ng	0.00
5) Phenol-d6	7.196	99	973	0.063	ng	0.02
8) Nitrobenzene-d5	9.202	82	3596	0.326	ng	0.01
11) 2-Methylnaphthalene-d10	12.426	152	6639	0.354	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	536	0.364	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	11828	0.393	ng	0.00
27) Fluoranthene-d10	19.425	212	12002	0.398	ng	0.00
31) Terphenyl-d14	20.011	244	8480	0.490	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	709	0.122	ng	# 50
20) 4,6-Dinitro-2-methylph...	15.804	198	4	0.116	ng	# 1
24) Pentachlorophenol	17.058	266	9	0.376	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	1579	0.088	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025690.D
Acq On : 28 May 2023 20:25
Operator : CG/JU
Sample : 02912-09
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D3-20230522

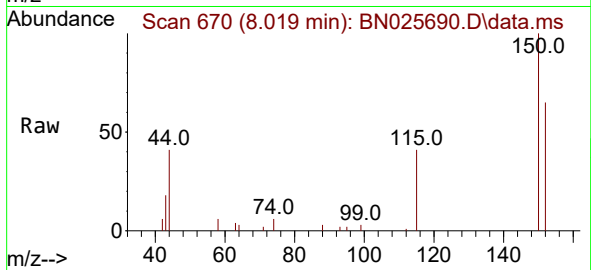
Quant Time: May 29 01:41:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration



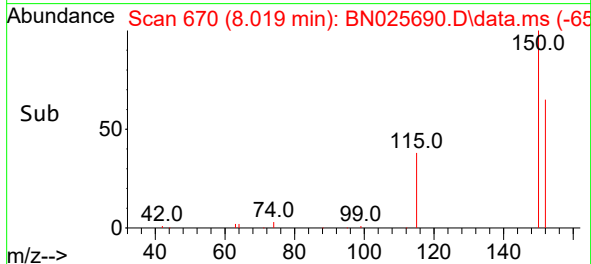
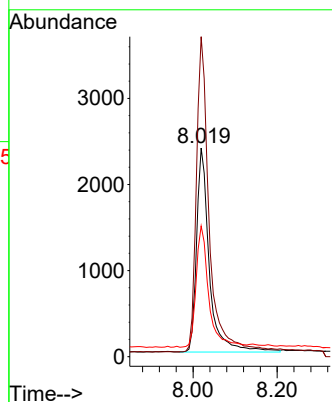


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025690.D
Acq: 28 May 2023 20:25

Instrument :
BNA_N
ClientSampleId :
RE103D3-20230522

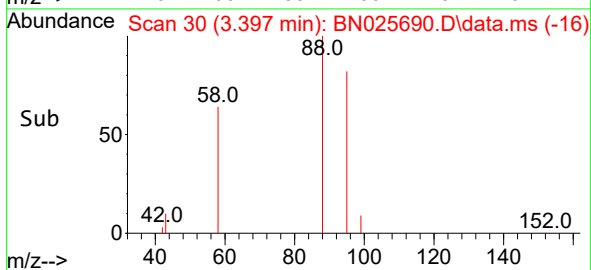
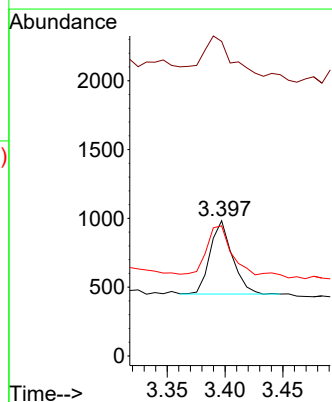
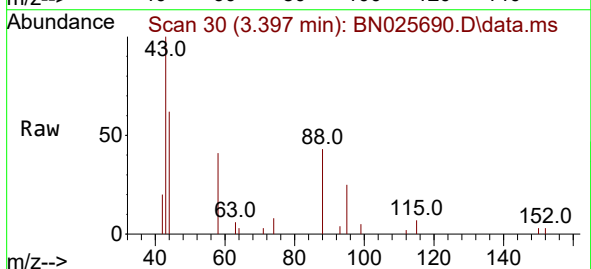


Tgt Ion:152 Resp: 5001
Ion Ratio Lower Upper
152 100
150 153.3 121.0 181.6
115 62.7 48.5 72.7



#2
1,4-Dioxane
Concen: 0.122 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025690.D
Acq: 28 May 2023 20:25

Tgt Ion: 88 Resp: 709
Ion Ratio Lower Upper
88 100
43 94.9 26.5 39.7#
58 89.7 56.8 85.2#

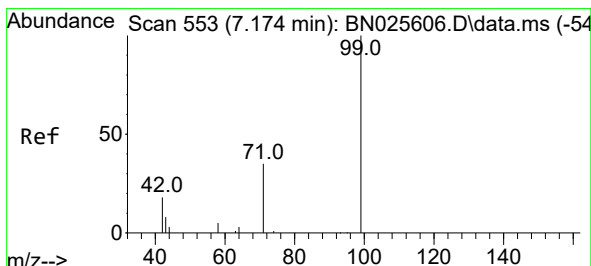
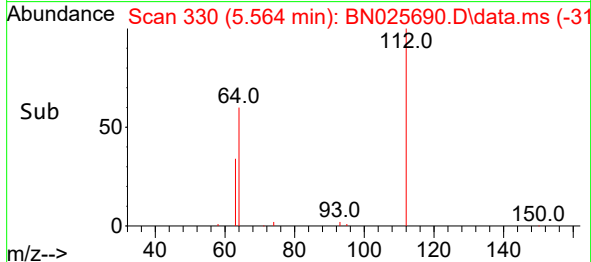
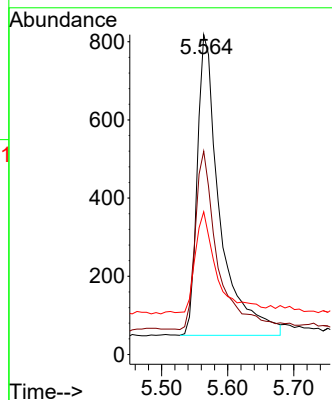
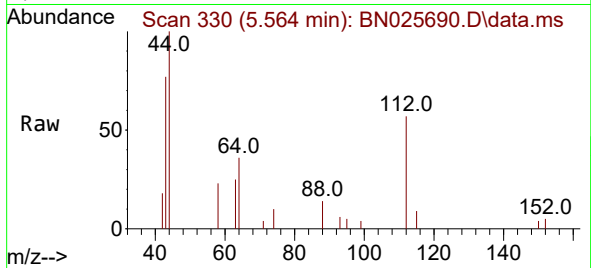




#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025690.D
Acq: 28 May 2023 20:25

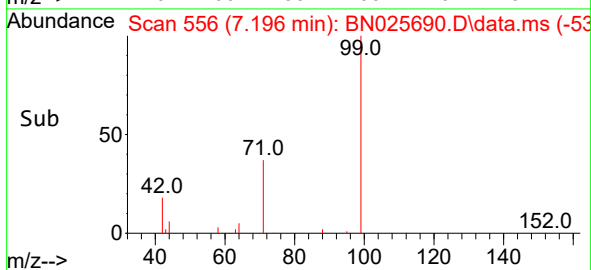
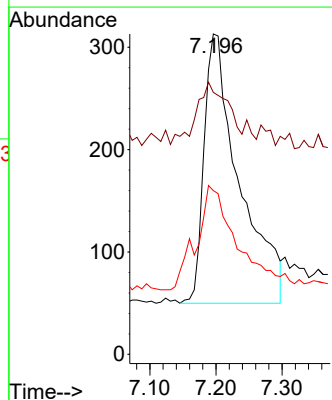
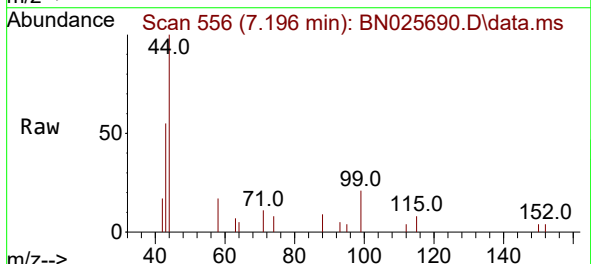
Instrument :
BNA_N
ClientSampleId :
RE103D3-20230522

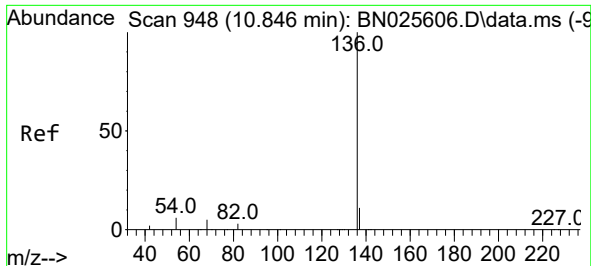
Tgt Ion:112 Resp: 1831
Ion Ratio Lower Upper
112 100
64 57.8 45.7 68.5
63 31.7 26.2 39.2



#5
Phenol-d6
Concen: 0.063 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.021 min
Lab File: BN025690.D
Acq: 28 May 2023 20:25

Tgt Ion: 99 Resp: 973
Ion Ratio Lower Upper
99 100
42 21.2 17.1 25.7
71 44.2 29.3 43.9#

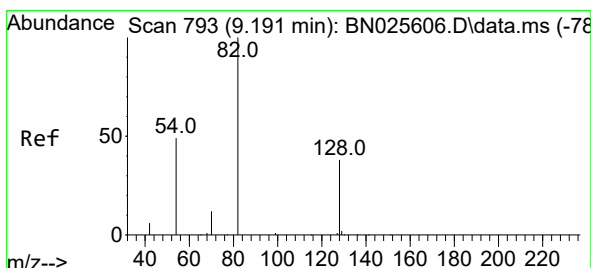
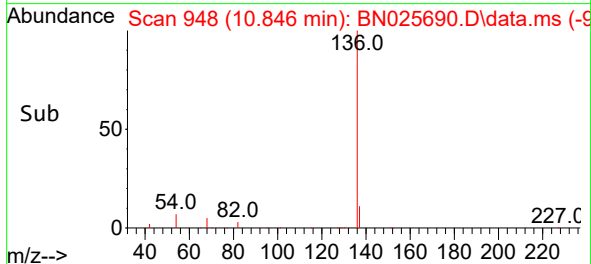
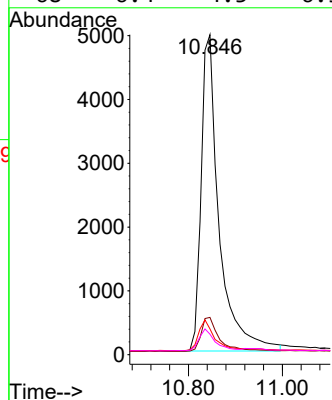
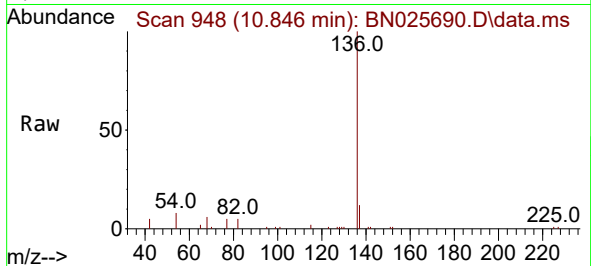




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN025690.D
Acq: 28 May 2023 20:25

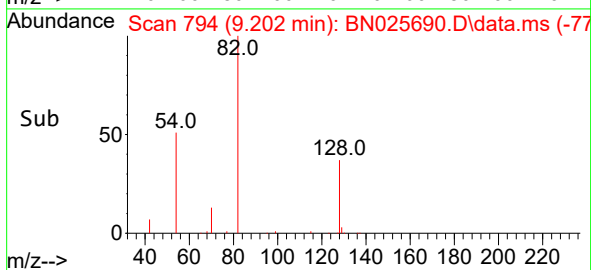
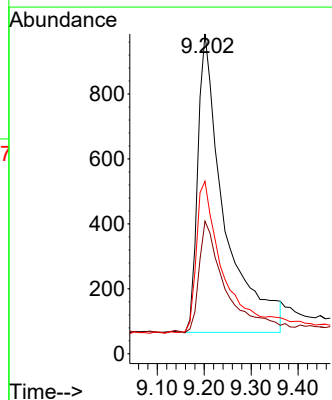
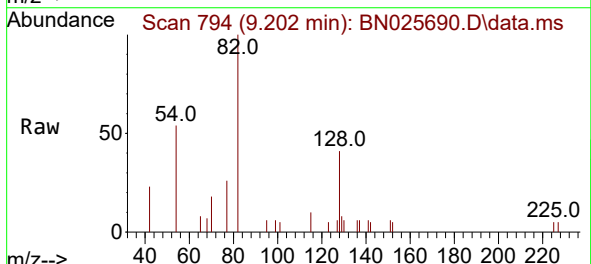
Instrument :
BNA_N
ClientSampleId :
RE103D3-20230522

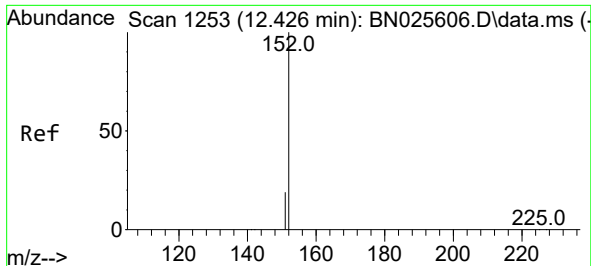
Tgt Ion:	136	Resp:	13156
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	8.1	5.4	8.0#
68	6.4	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025690.D
Acq: 28 May 2023 20:25

Tgt Ion:	82	Resp:	3596
Ion Ratio	Lower	Upper	
82	100		
128	41.4	32.5	48.7
54	53.9	40.6	60.8





#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 12.426 min Scan# 1253

Delta R.T. 0.004 min

Lab File: BN025690.D

Acq: 28 May 2023 20:25

Instrument :

BNA_N

ClientSampleId :

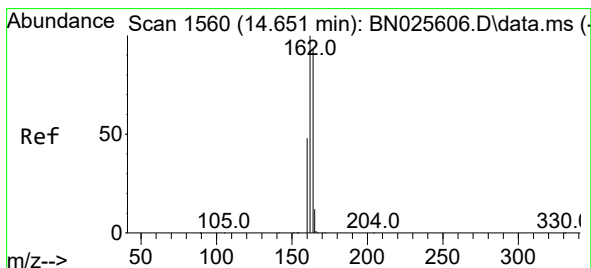
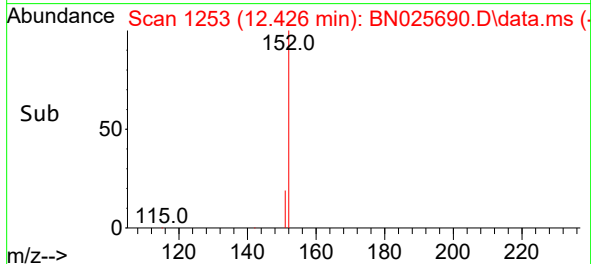
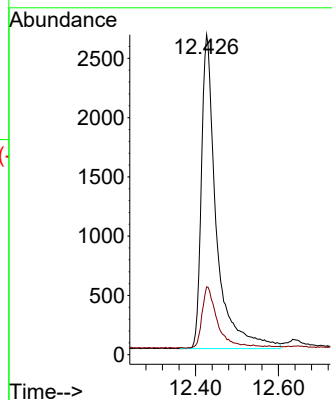
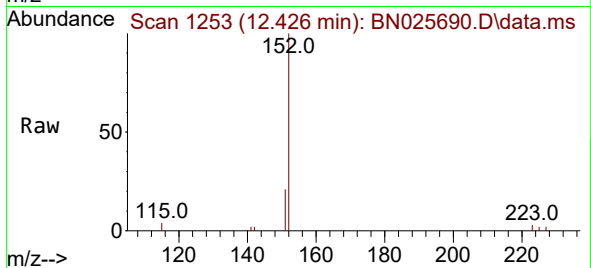
RE103D3-20230522

Tgt Ion:152 Resp: 6639

Ion Ratio Lower Upper

152 100

151 20.0 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: BN025690.D

Acq: 28 May 2023 20:25

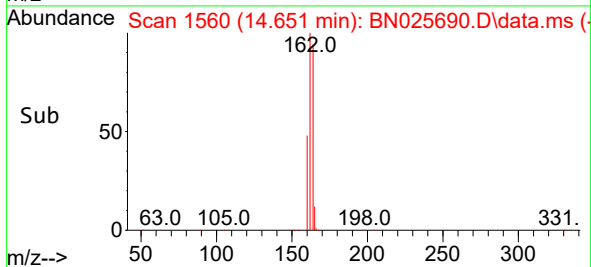
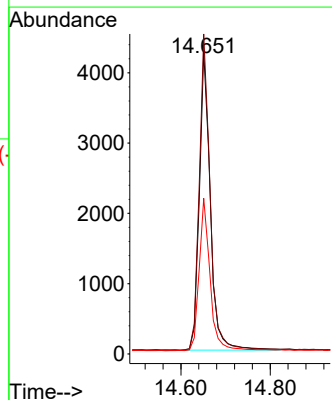
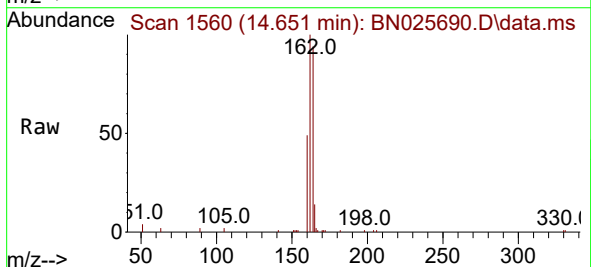
Tgt Ion:164 Resp: 7290

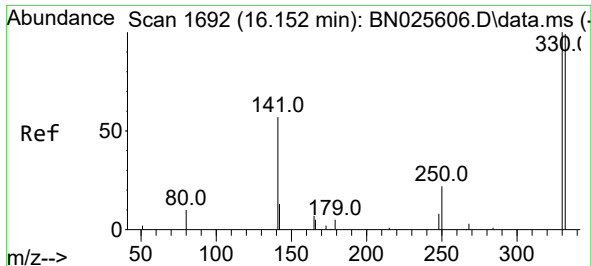
Ion Ratio Lower Upper

164 100

162 105.8 86.4 129.6

160 51.5 41.9 62.9

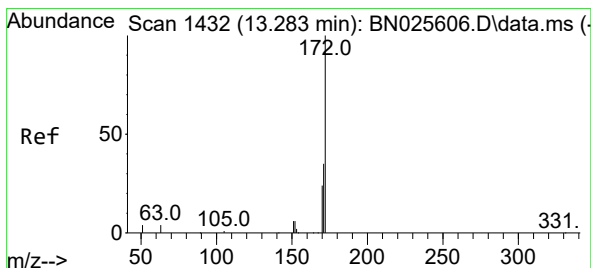
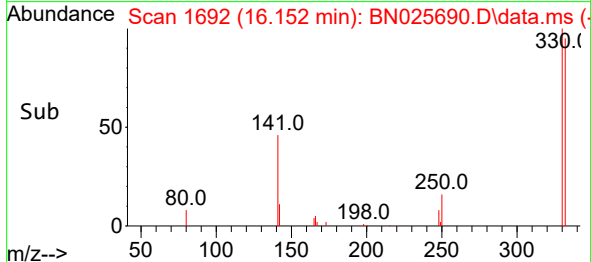
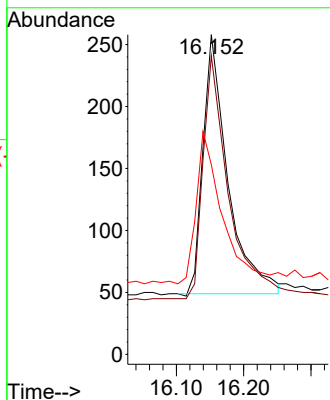
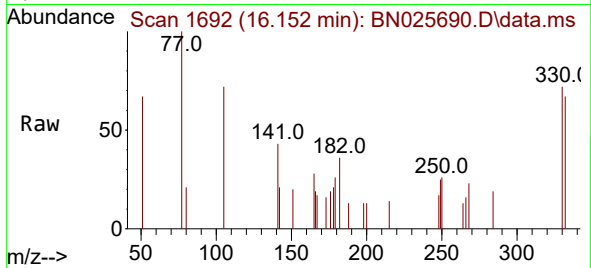




#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025690.D
Acq: 28 May 2023 20:25

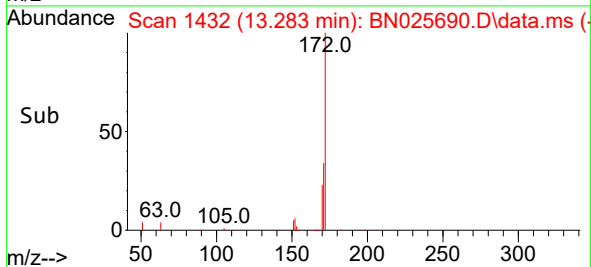
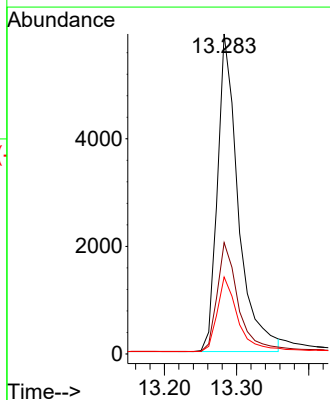
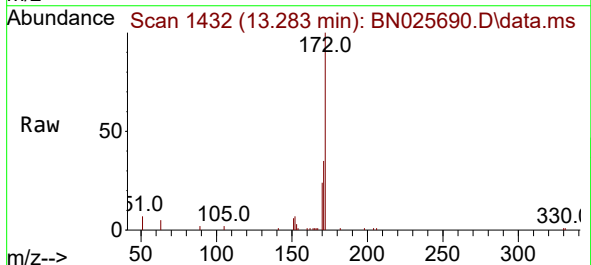
Instrument :
BNA_N
ClientSampleId :
RE103D3-20230522

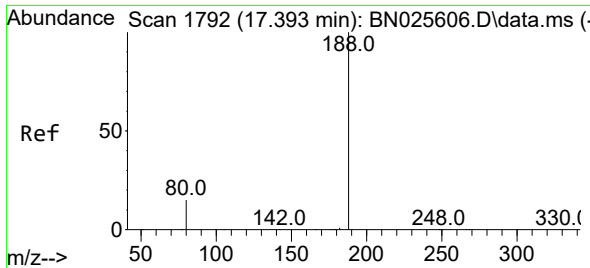
Tgt Ion:330 Resp: 536
Ion Ratio Lower Upper
330 100
332 96.3 80.0 120.0
141 59.9 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025690.D
Acq: 28 May 2023 20:25

Tgt Ion:172 Resp: 11828
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 24.0 19.7 29.5

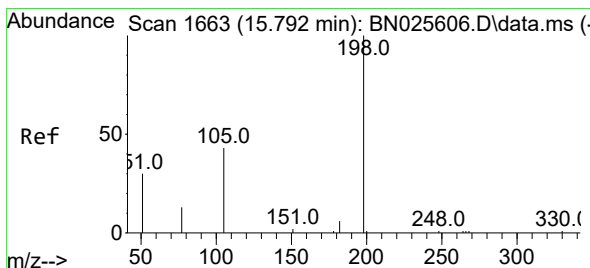
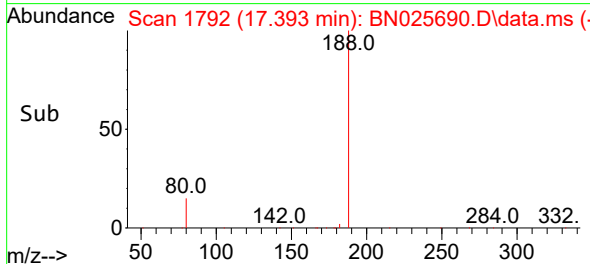
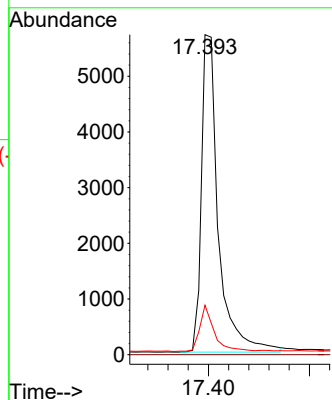
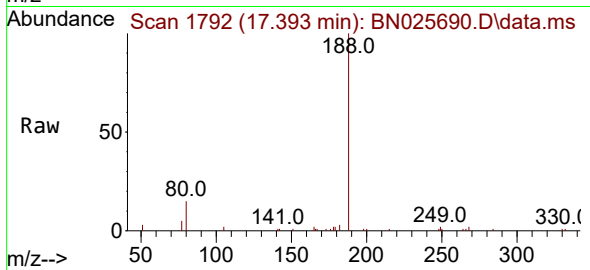




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025690.D
Acq: 28 May 2023 20:25

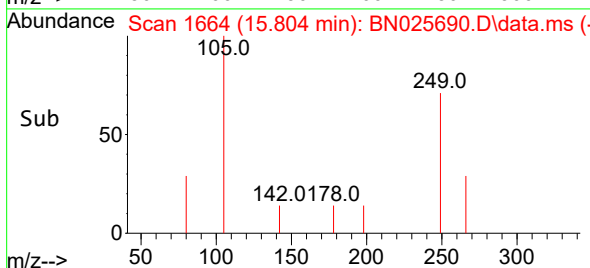
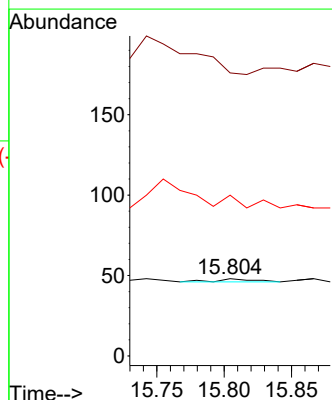
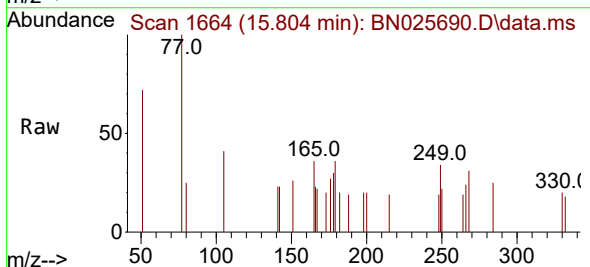
Instrument :
BNA_N
ClientSampleId :
RE103D3-20230522

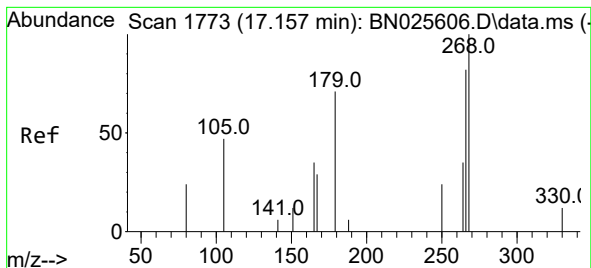
Tgt Ion:188 Resp: 13306
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 12.2 18.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.116 ng
RT: 15.804 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BN025690.D
Acq: 28 May 2023 20:25

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 366.7 110.8 166.2#
105 208.3 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.376 ng

RT: 17.058 min Scan# 1773

Delta R.T. -0.013 min

Lab File: BN025690.D

Acq: 28 May 2023 20:25

Instrument :

BNA_N

ClientSampleId :

RE103D3-20230522

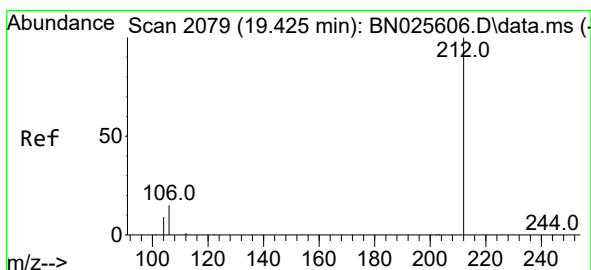
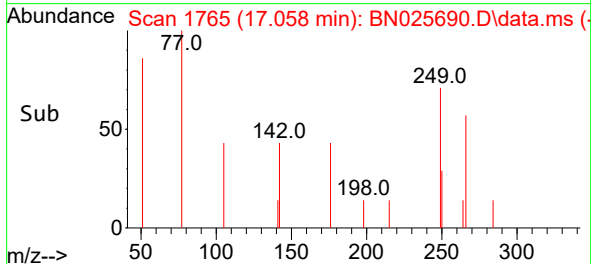
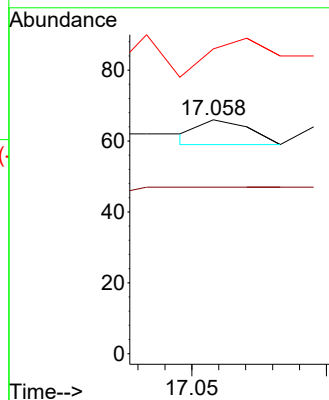
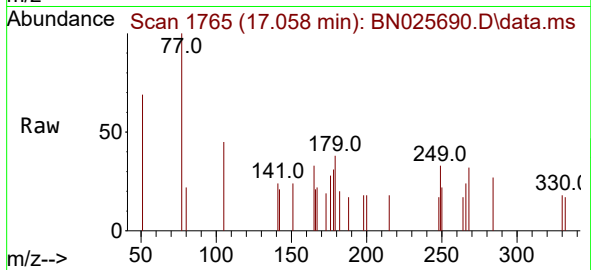
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 0.0 60.0 90.0#

268 255.6 0.0 0.0#



#27

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.425 min Scan# 2079

Delta R.T. 0.004 min

Lab File: BN025690.D

Acq: 28 May 2023 20:25

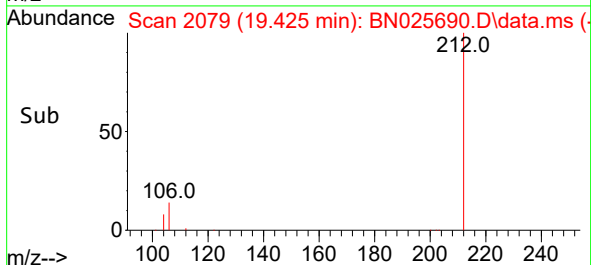
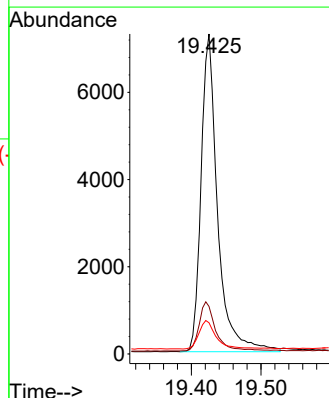
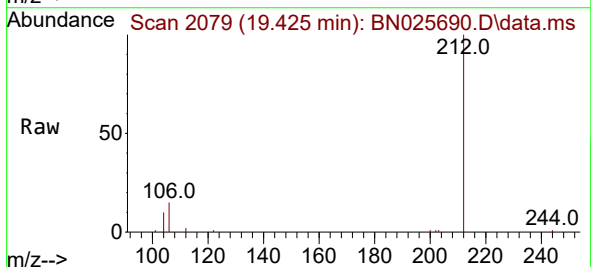
Tgt Ion:212 Resp: 12002

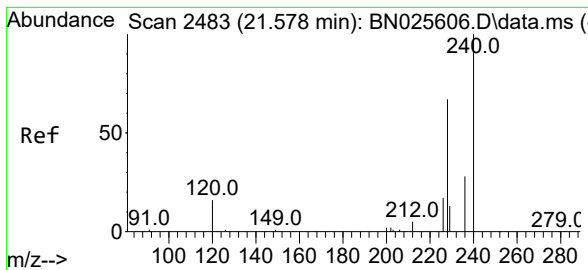
Ion Ratio Lower Upper

212 100

106 15.5 12.3 18.5

104 9.5 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: BN025690.D

Acq: 28 May 2023 20:25

Instrument :

BNA_N

ClientSampleId :

RE103D3-20230522

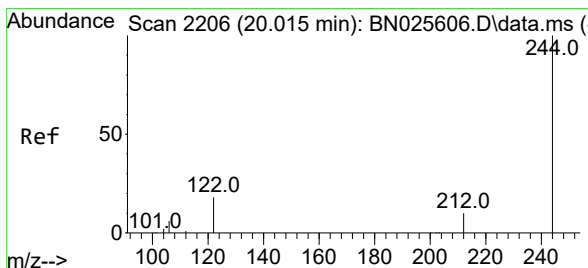
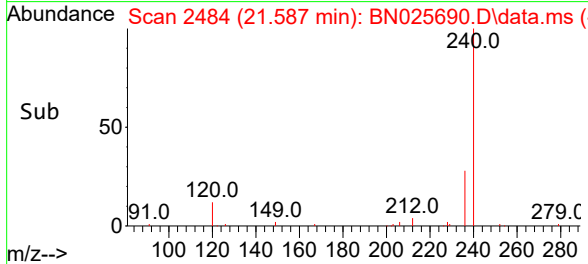
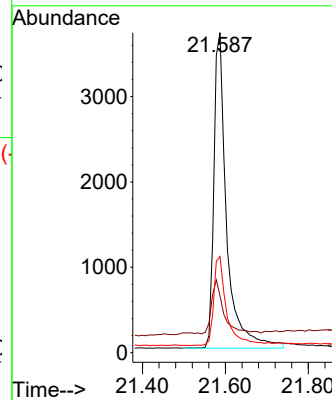
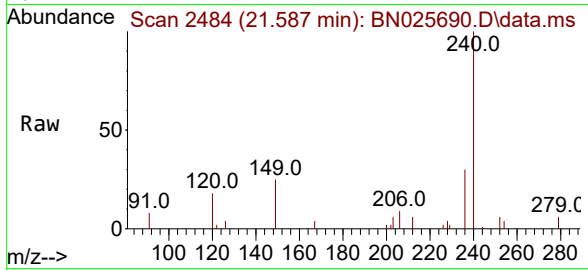
Tgt Ion:240 Resp: 7907

Ion Ratio Lower Upper

240 100

120 17.7 15.4 23.0

236 30.1 23.2 34.8



#31

Terphenyl-d14

Concen: 0.490 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025690.D

Acq: 28 May 2023 20:25

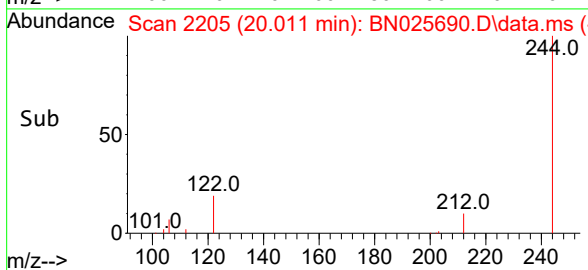
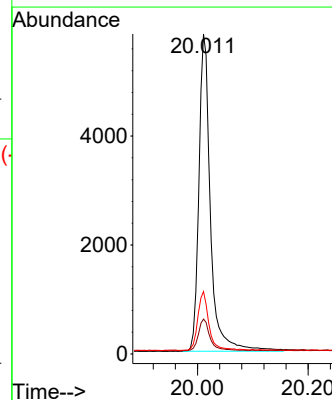
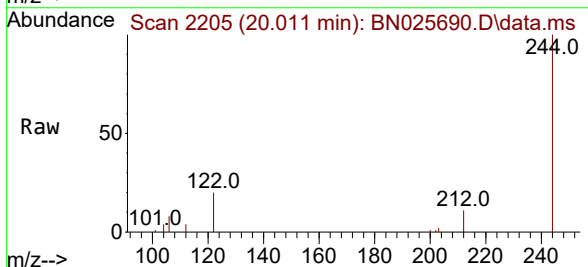
Tgt Ion:244 Resp: 8480

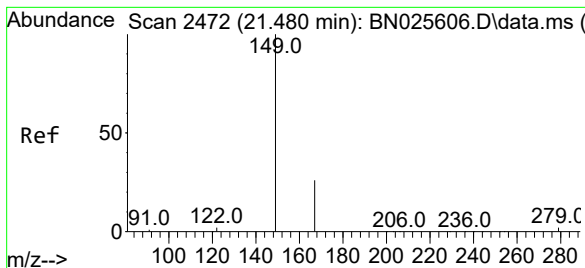
Ion Ratio Lower Upper

244 100

212 10.9 8.5 12.7

122 19.5 14.9 22.3

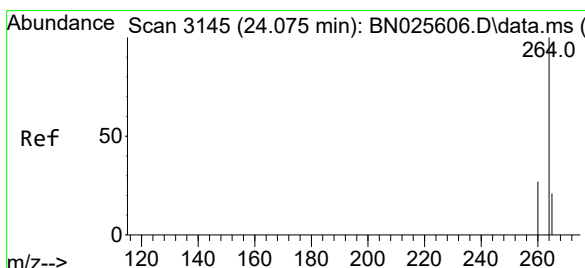
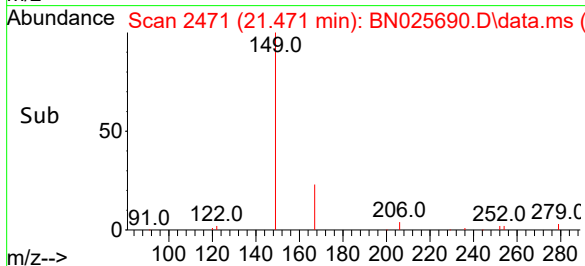
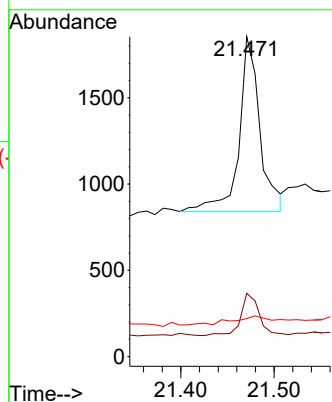
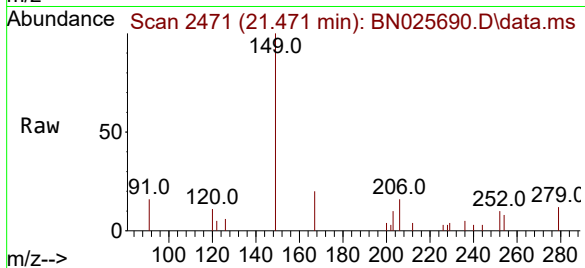




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025690.D
 Acq: 28 May 2023 20:25

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20230522

Tgt Ion:149 Resp: 1579
 Ion Ratio Lower Upper
 149 100
 167 21.4 20.4 30.6
 279 12.3 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: BN025690.D
 Acq: 28 May 2023 20:25

Tgt Ion:264 Resp: 8100
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.3 33.5
 265 74.7 54.3 81.5

