

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
 Data File : BN024461.D
 Acq On : 22 Mar 2023 00:21
 Operator : CG/JU
 Sample : 01880-15DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20230310DL

Quant Time: Mar 22 04:17:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 04:14:21 2023
 Response via : Initial Calibration

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

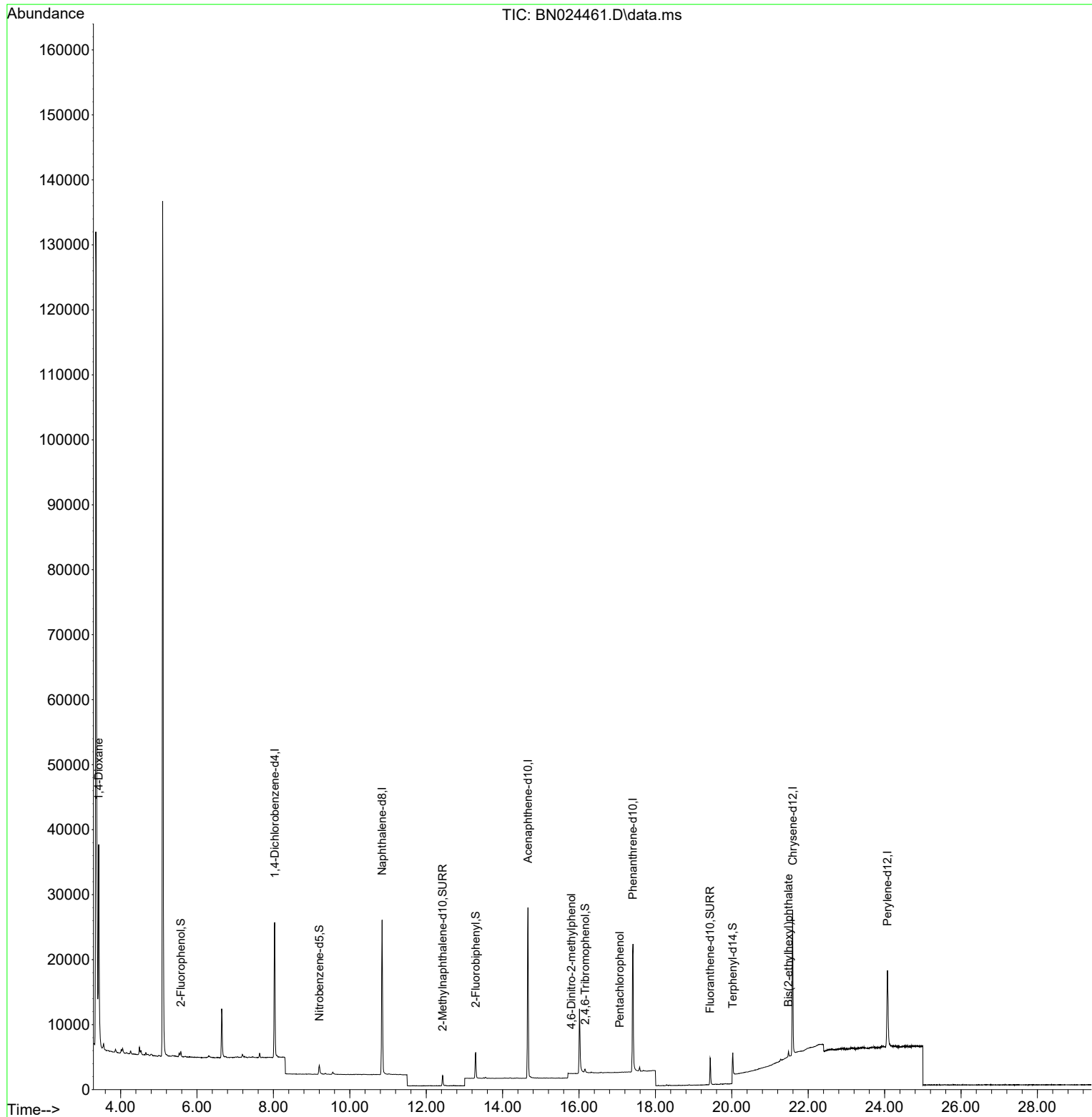
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	10708	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	30850	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	15773	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	31930	0.400	ng	0.00
29) Chrysene-d12	21.592	240	22485	0.400	ng	0.00
35) Perylene-d12	24.073	264	19177	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	695	0.029	ng	0.00
5) Phenol-d6	7.188	99	484	0.016	ng	0.00
8) Nitrobenzene-d5	9.201	82	1396	0.068	ng	0.01
11) 2-Methylnaphthalene-d10	12.429	152	2363	0.062	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	398	0.049	ng	0.01
15) 2-Fluorobiphenyl	13.296	172	3914	0.066	ng	0.00
27) Fluoranthene-d10	19.433	212	4653	0.069	ng	0.00
31) Terphenyl-d14	20.025	244	2442	0.064	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	19004	1.631	ng	99
20) 4,6-Dinitro-2-methylph...	15.799	198	1	0.178	ng	# 1
24) Pentachlorophenol	17.065	266	30	0.131	ng	# 43
34) Bis(2-ethylhexyl)phtha...	21.484	149	1102	0.031	ng	# 91

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

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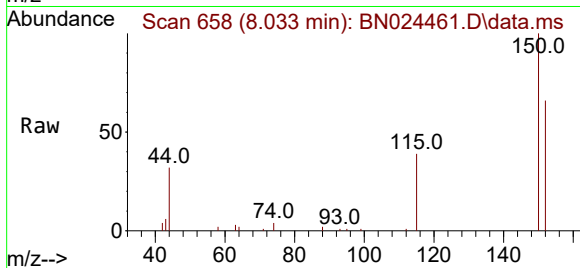
Quant Time: Mar 22 04:17:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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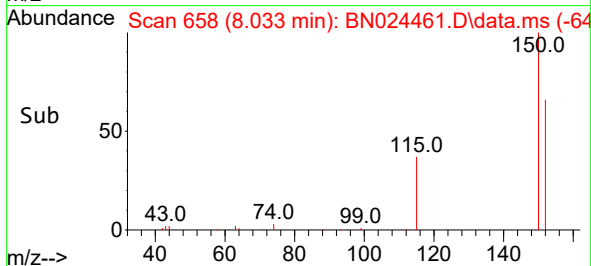
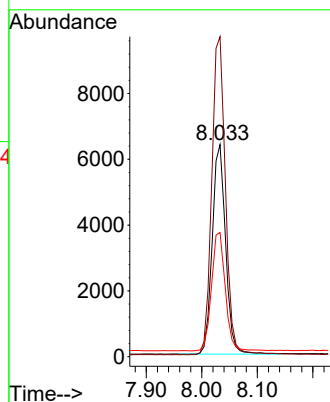


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.033 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024461.D
Acq: 22 Mar 2023 00:21

Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310DL

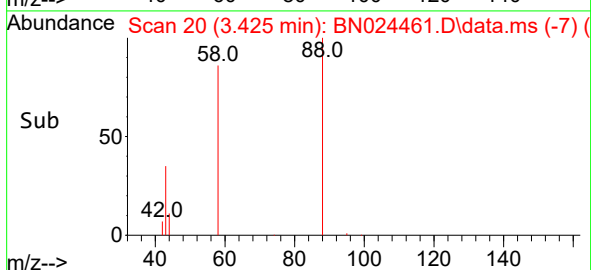
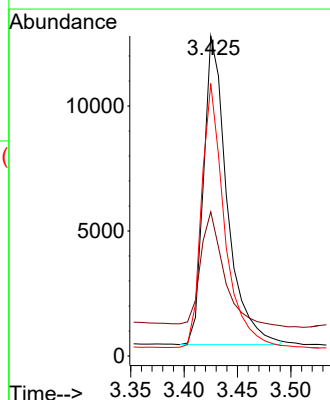
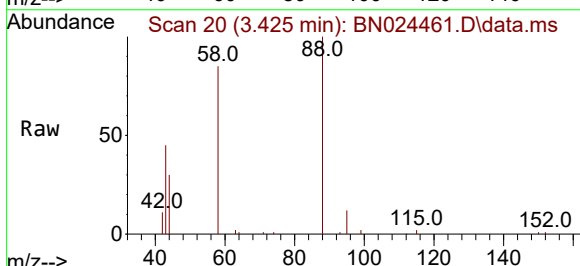


Tgt Ion:152 Resp: 10708
Ion Ratio Lower Upper
152 100
150 150.8 124.7 187.1
115 58.5 49.1 73.7



#2
1,4-Dioxane
Concen: 1.631 ng
RT: 3.425 min Scan# 20
Delta R.T. -0.007 min
Lab File: BN024461.D
Acq: 22 Mar 2023 00:21

Tgt Ion: 88 Resp: 19004
Ion Ratio Lower Upper
88 100
43 36.1 29.0 43.4
58 83.0 67.3 100.9

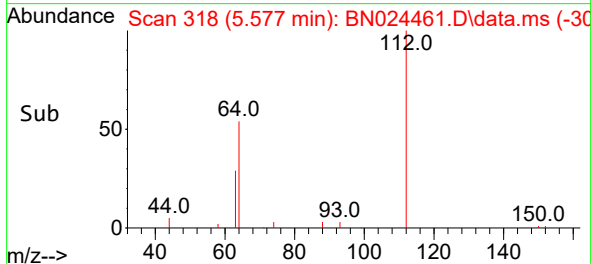
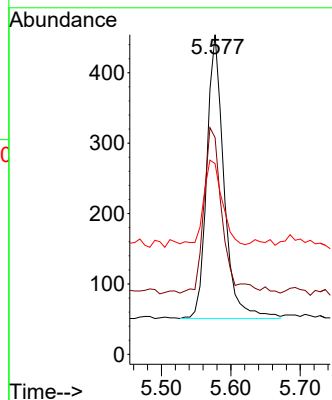
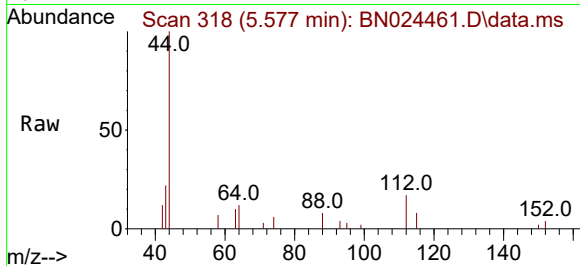




#4
2-Fluorophenol
Concen: 0.029 ng
RT: 5.577 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024461.D
Acq: 22 Mar 2023 00:21

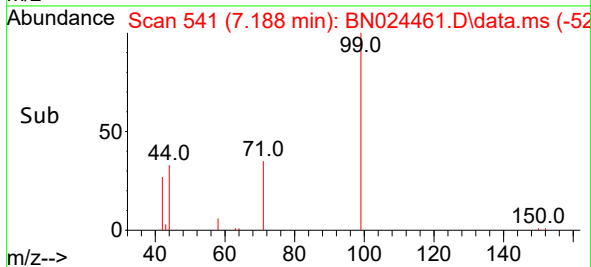
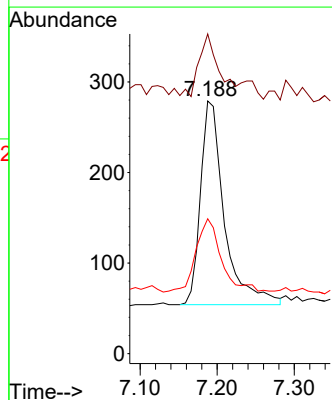
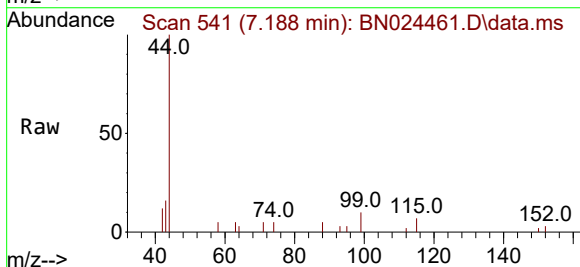
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310DL

Tgt Ion:112 Resp: 695
Ion Ratio Lower Upper
112 100
64 61.2 49.0 73.6
63 31.4 25.7 38.5



#5
Phenol-d6
Concen: 0.016 ng
RT: 7.188 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN024461.D
Acq: 22 Mar 2023 00:21

Tgt Ion: 99 Resp: 484
Ion Ratio Lower Upper
99 100
42 24.0 20.1 30.1
71 38.2 25.8 38.8

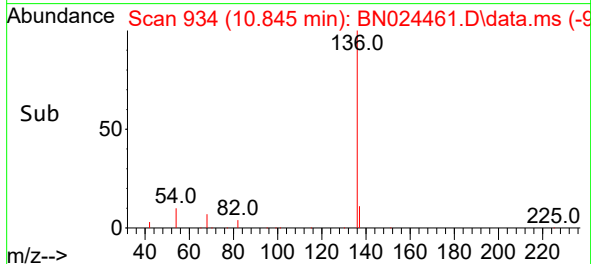
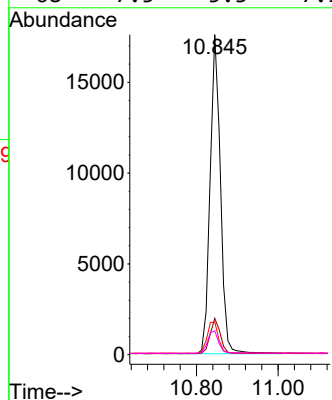
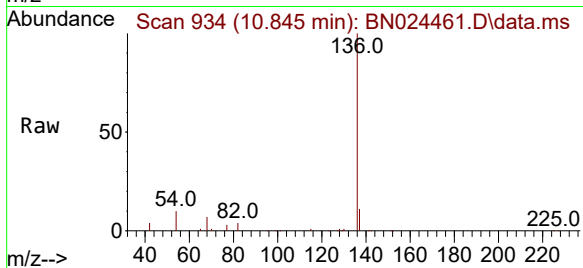




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024461.D
Acq: 22 Mar 2023 00:21

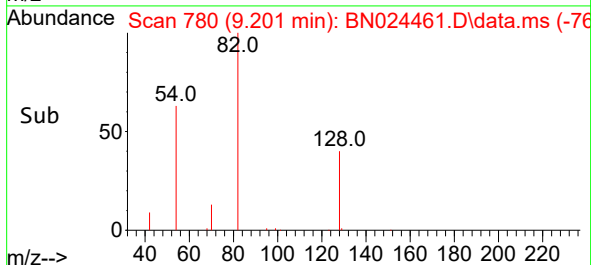
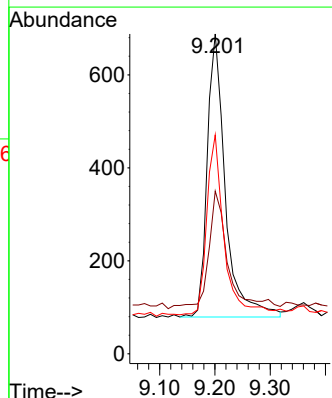
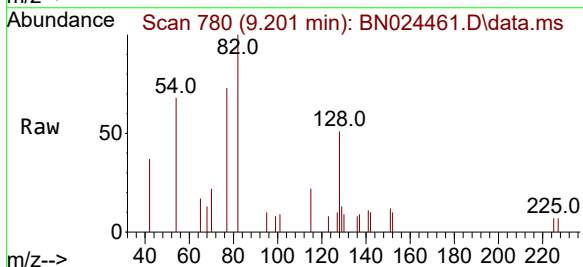
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310DL

Tgt Ion:	136	Resp:	30850
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	10.3	7.1	10.7
68	7.5	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.068 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.011 min
Lab File: BN024461.D
Acq: 22 Mar 2023 00:21

Tgt Ion:	82	Resp:	1396
Ion Ratio	Lower	Upper	
82	100		
128	50.9	32.4	48.6#
54	68.5	45.2	67.8#

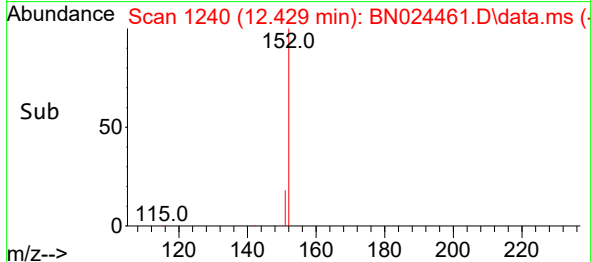
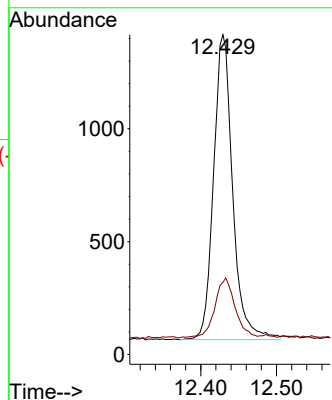
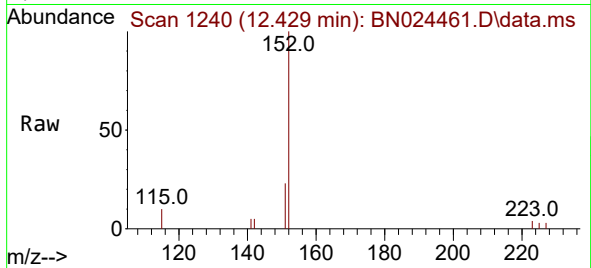




#11
2-Methylnaphthalene-d10
Concen: 0.062 ng
RT: 12.429 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024461.D
Acq: 22 Mar 2023 00:21

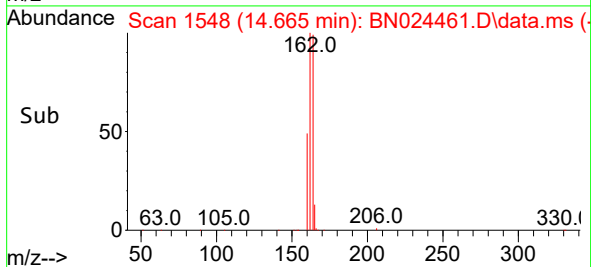
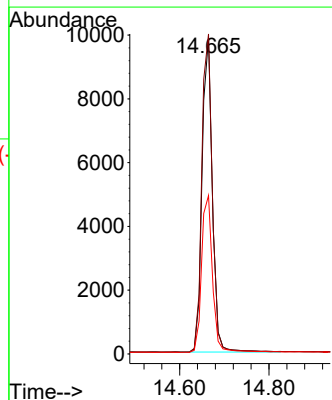
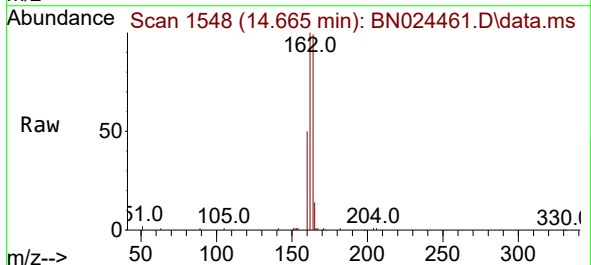
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310DL

Tgt Ion:152 Resp: 2363
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BN024461.D
Acq: 22 Mar 2023 00:21

Tgt Ion:164 Resp: 15773
Ion Ratio Lower Upper
164 100
162 101.2 84.7 127.1
160 50.1 44.6 66.8

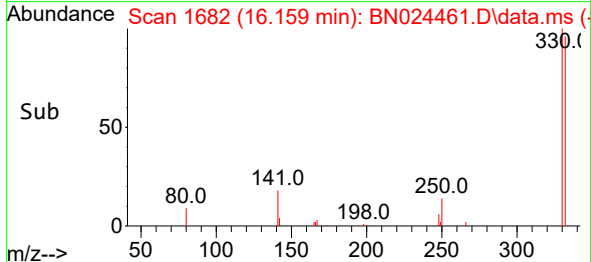
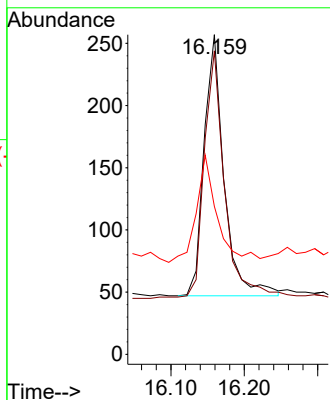
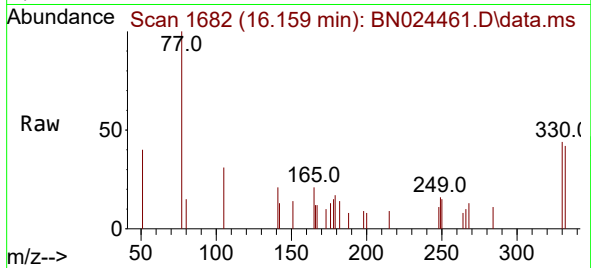




#14
2,4,6-Tribromophenol
Concen: 0.049 ng
RT: 16.159 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN024461.D
Acq: 22 Mar 2023 00:21

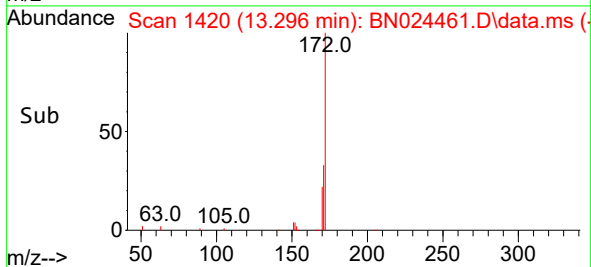
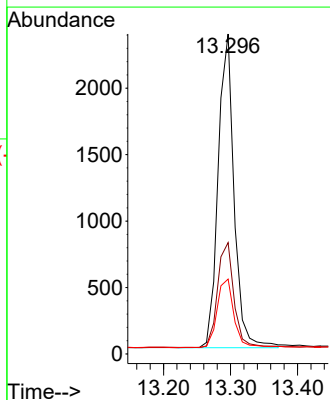
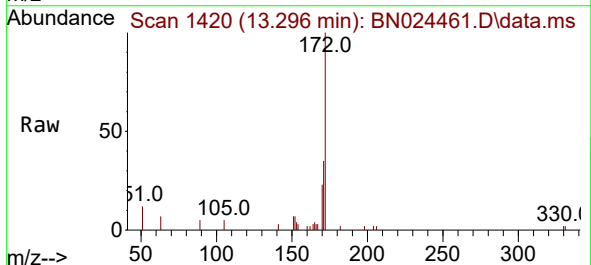
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310DL

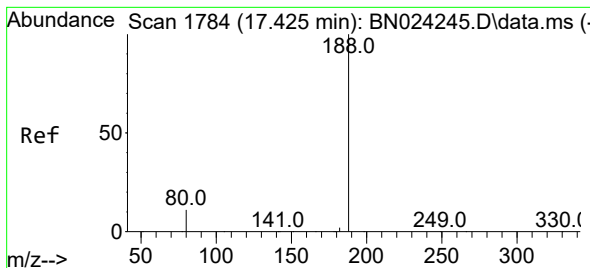
Tgt Ion:330 Resp: 398
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 42.5 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.066 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024461.D
Acq: 22 Mar 2023 00:21

Tgt Ion:172 Resp: 3914
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.4 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024461.D

Acq: 22 Mar 2023 00:21

Instrument :

BNA_N

ClientSampleId :

RE125D2-20230310DL

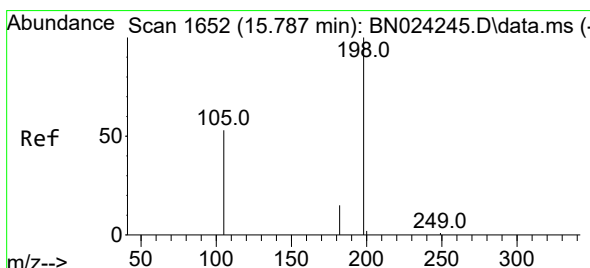
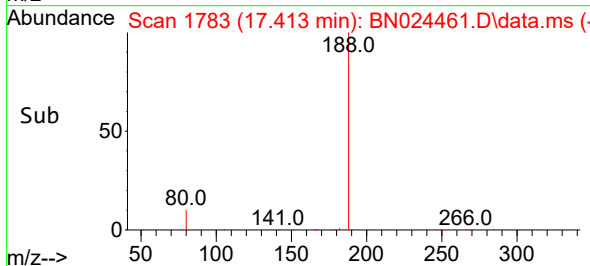
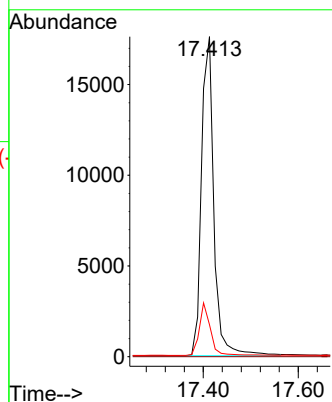
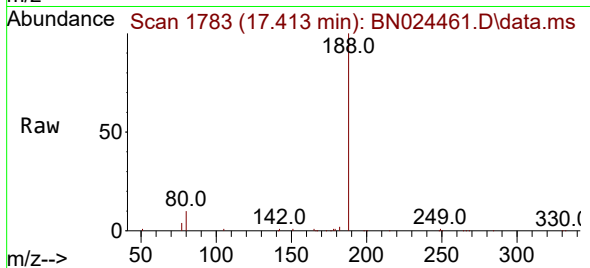
Tgt Ion:188 Resp: 31930

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 8.9 13.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.178 ng

RT: 15.799 min Scan# 1653

Delta R.T. 0.012 min

Lab File: BN024461.D

Acq: 22 Mar 2023 00:21

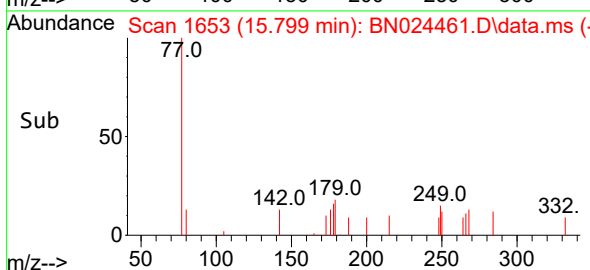
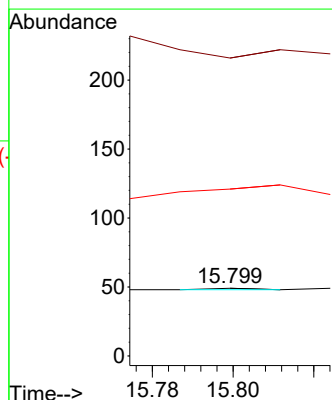
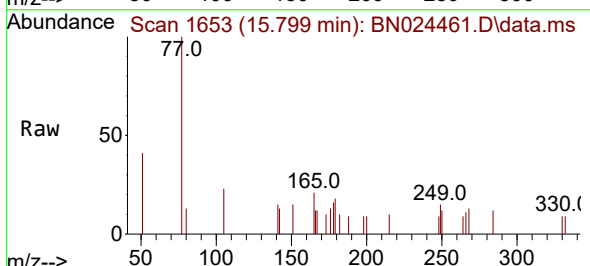
Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

51 440.8 68.2 102.2#

105 246.9 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.131 ng

RT: 17.065 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024461.D

Acq: 22 Mar 2023 00:21

Instrument :

BNA_N

ClientSampleId :

RE125D2-20230310DL

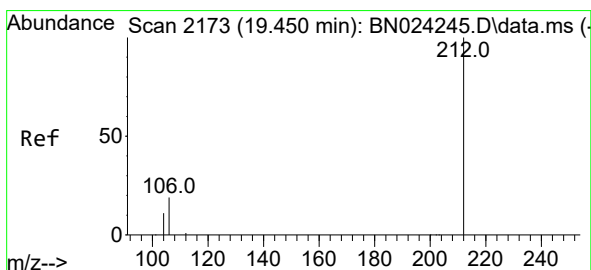
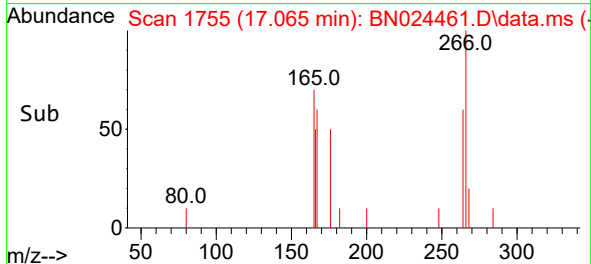
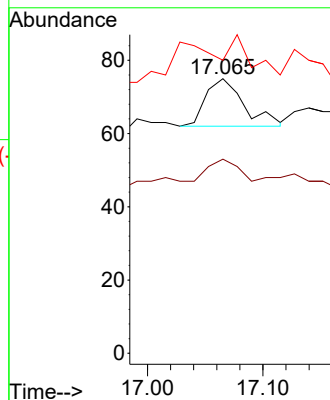
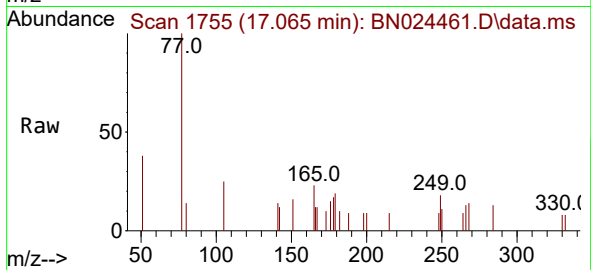
Tgt Ion:266 Resp: 30

Ion Ratio Lower Upper

266 100

264 40.0 51.1 76.7#

268 0.0 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.069 ng

RT: 19.433 min Scan# 2169

Delta R.T. -0.004 min

Lab File: BN024461.D

Acq: 22 Mar 2023 00:21

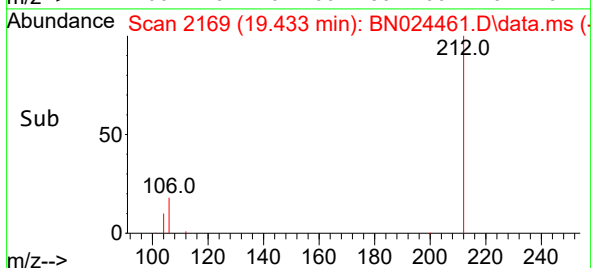
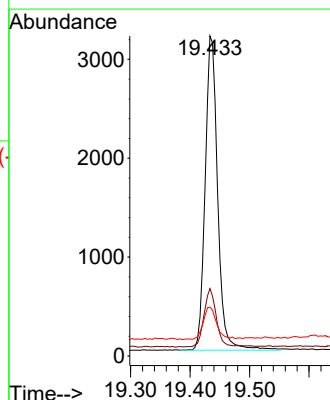
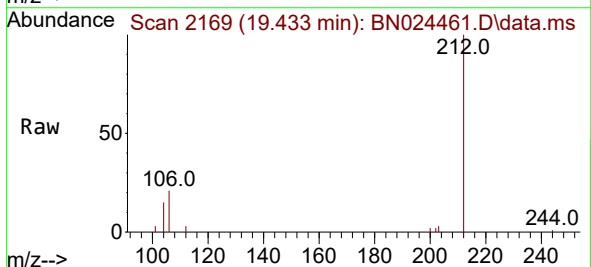
Tgt Ion:212 Resp: 4653

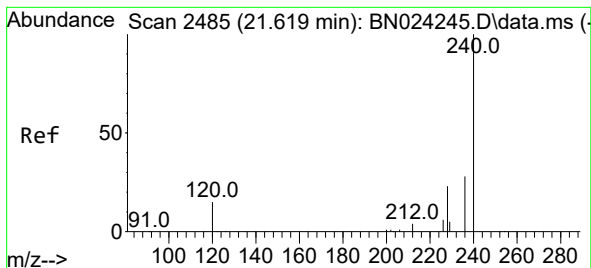
Ion Ratio Lower Upper

212 100

106 18.0 15.4 23.2

104 11.2 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.592 min Scan# 2485

Delta R.T. -0.000 min

Lab File: BN024461.D

Acq: 22 Mar 2023 00:21

Instrument :

BNA_N

ClientSampleId :

RE125D2-20230310DL

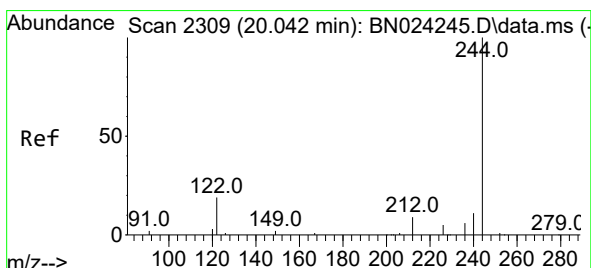
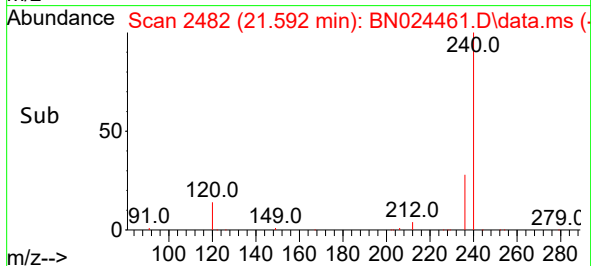
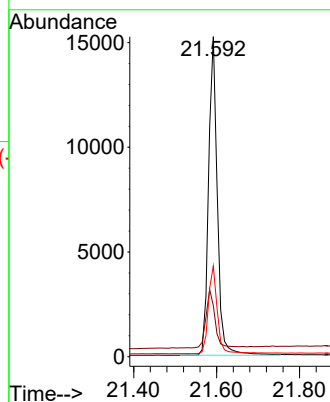
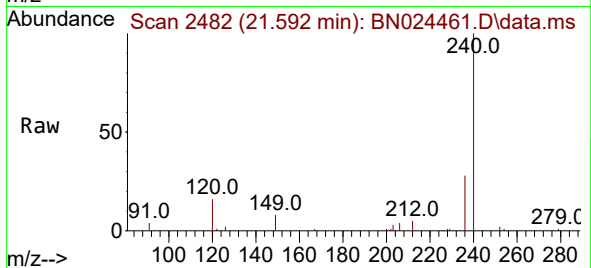
Tgt Ion:240 Resp: 22485

Ion Ratio Lower Upper

240 100

120 16.0 12.8 19.2

236 28.3 22.5 33.7



#31

Terphenyl-d14

Concen: 0.064 ng

RT: 20.025 min Scan# 2307

Delta R.T. 0.000 min

Lab File: BN024461.D

Acq: 22 Mar 2023 00:21

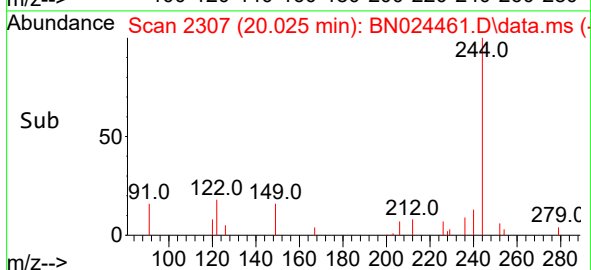
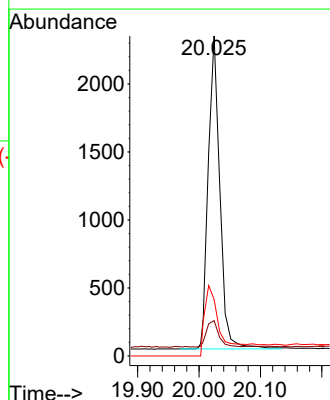
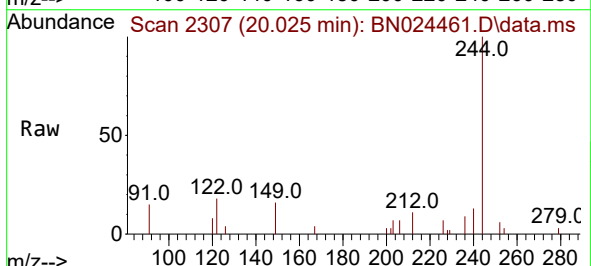
Tgt Ion:244 Resp: 2442

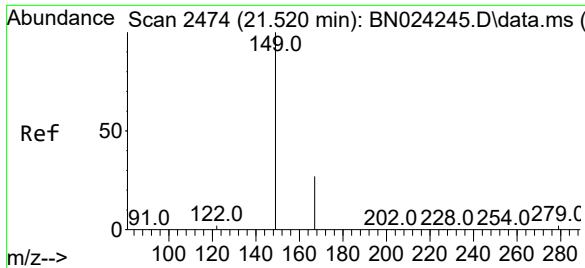
Ion Ratio Lower Upper

244 100

212 11.0 7.6 11.4

122 17.6 15.1 22.7

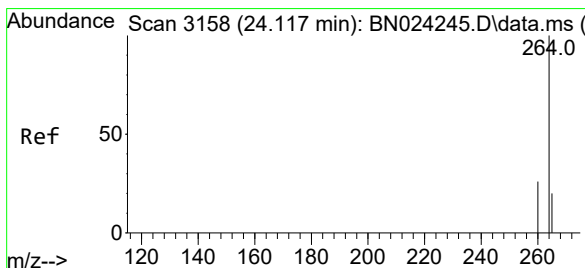
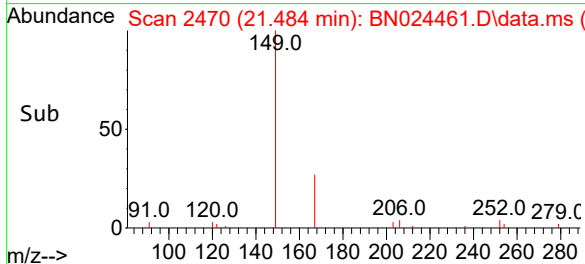
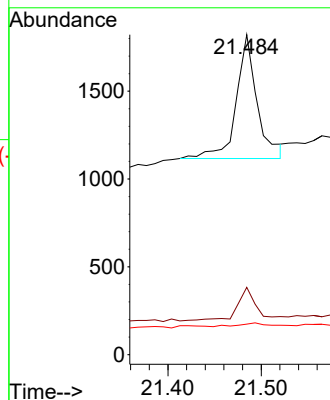
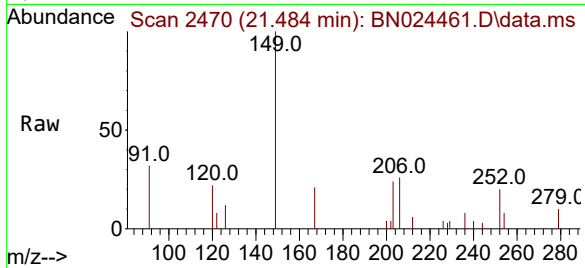




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.031 ng
RT: 21.484 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BN024461.D
Acq: 22 Mar 2023 00:21

Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310DL

Tgt Ion:149 Resp: 1102
Ion Ratio Lower Upper
149 100
167 21.9 21.2 31.8
279 4.4 1.8 2.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.073 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BN024461.D
Acq: 22 Mar 2023 00:21

Tgt Ion:264 Resp: 19177
Ion Ratio Lower Upper
264 100
260 26.6 21.4 32.2
265 70.3 35.7 53.5#

