

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024387.D
 Acq On : 18 Mar 2023 19:51
 Operator : CG/JU
 Sample : 01880-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20230310

Quant Time: Mar 20 01:11:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:49:08 2023
 Response via : Initial Calibration

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

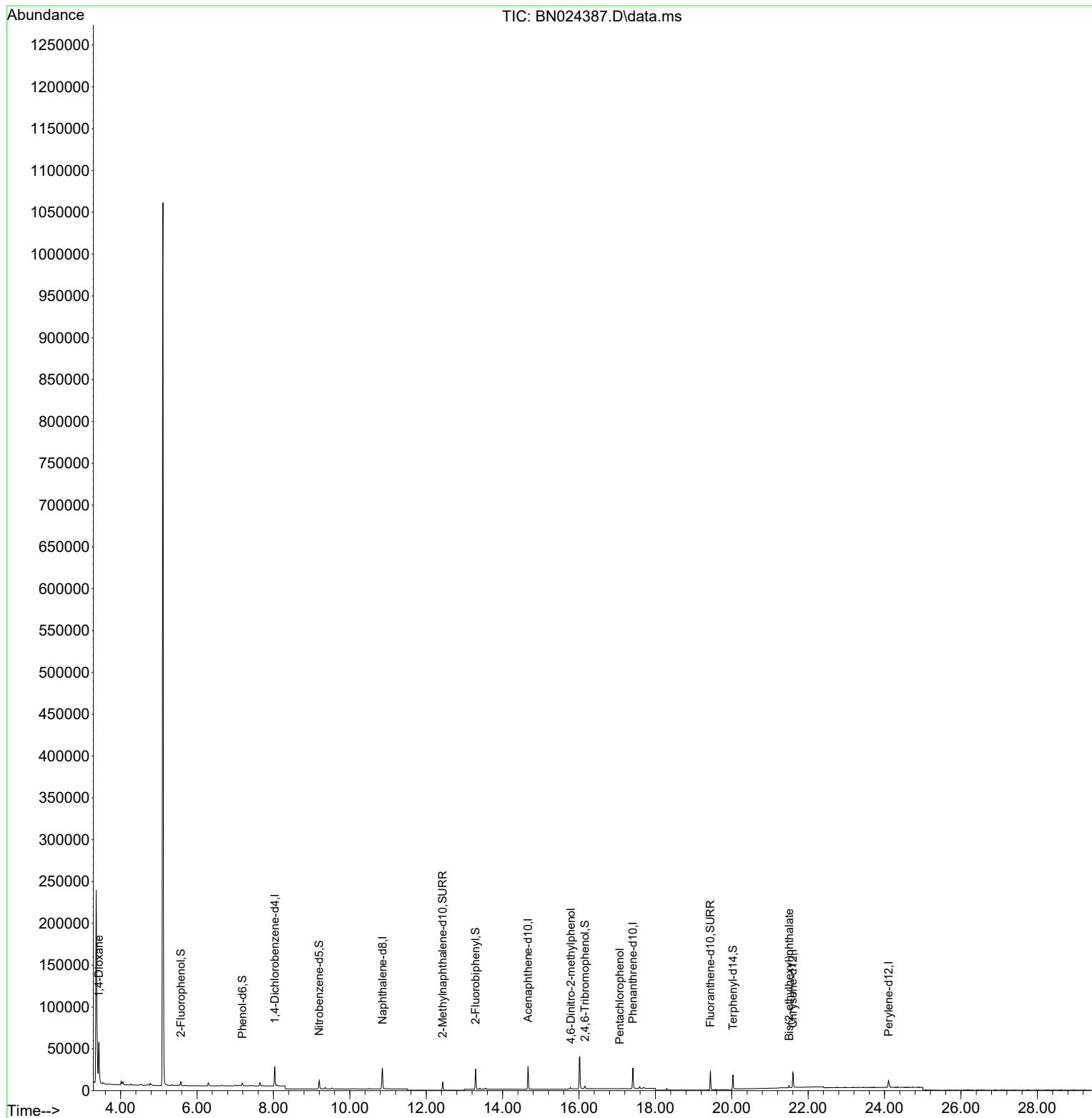
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	10815	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	32165	0.400	ng	0.00
13) Acenaphthene-d10	14.664	164	14829	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	30301	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	17959	0.400	ng	# 0.00
35) Perylene-d12	24.105	264	12532	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3575	0.149	ng	0.00
5) Phenol-d6	7.187	99	2712	0.088	ng	0.00
8) Nitrobenzene-d5	9.200	82	7936	0.369	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	12692	0.321	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1800	0.237	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	20004	0.357	ng	0.00
27) Fluoranthene-d10	19.442	212	22095	0.344	ng	0.00
31) Terphenyl-d14	20.033	244	12468	0.412	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	29972	2.547	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.787	198	5	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	41	0.132	ng	92
34) Bis(2-ethylhexyl)phtha...	21.502	149	2567	0.091	ng	96

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

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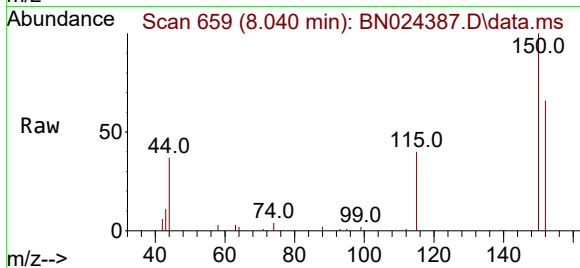
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:49:08 2023
Response via : Initial Calibration



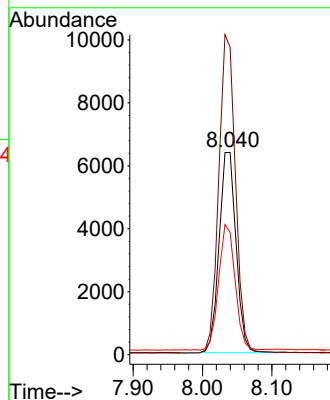
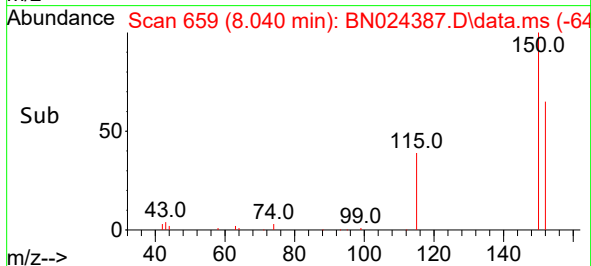


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024387.D
Acq: 18 Mar 2023 19:51

Instrument :
BNA_N
ClientSampleId :
RE125D3-20230310

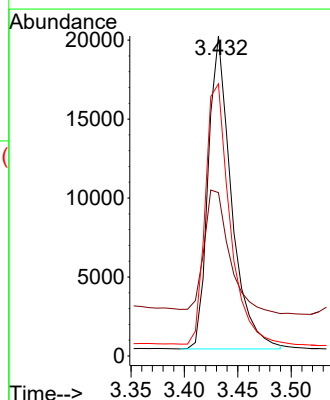
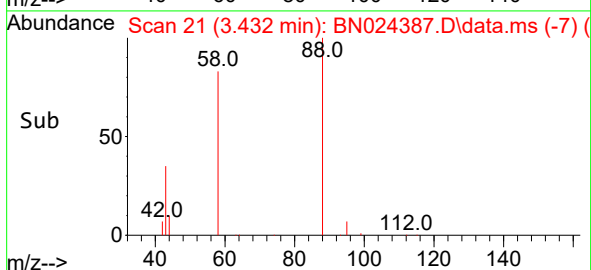
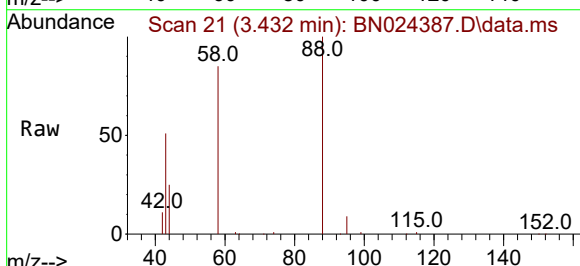


Tgt Ion:152 Resp: 10815
Ion Ratio Lower Upper
152 100
150 152.0 124.7 187.1
115 60.5 49.1 73.7



#2
1,4-Dioxane
Concen: 2.547 ng
RT: 3.432 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024387.D
Acq: 18 Mar 2023 19:51

Tgt Ion: 88 Resp: 29972
Ion Ratio Lower Upper
88 100
43 43.5 29.0 43.4#
58 87.5 67.3 100.9

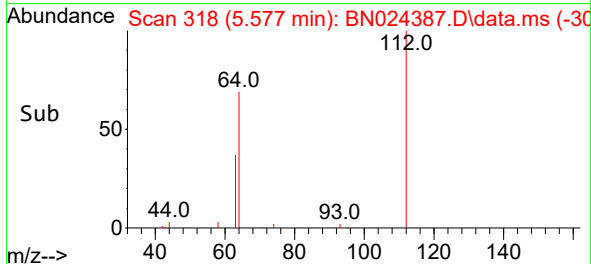
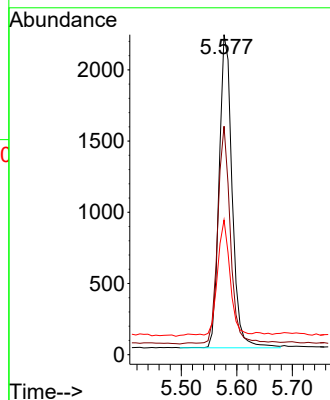
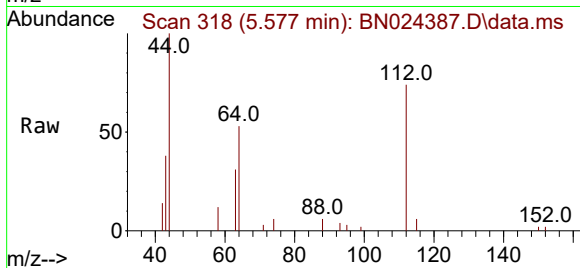




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.577 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024387.D
Acq: 18 Mar 2023 19:51

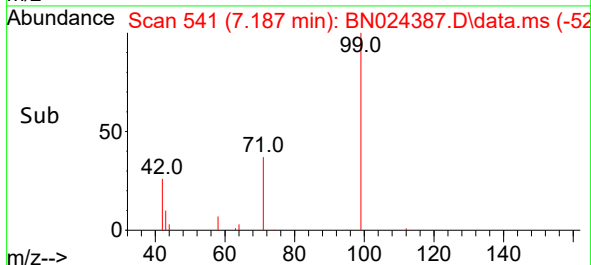
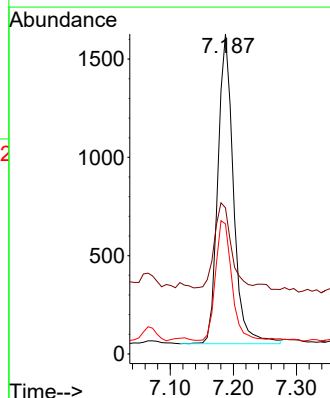
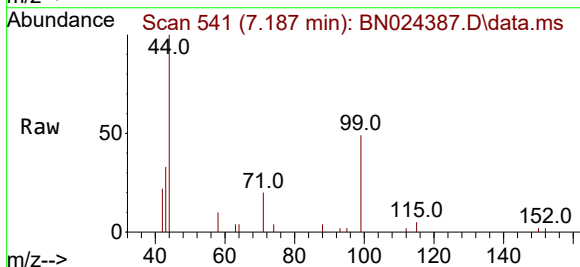
Instrument :
BNA_N
ClientSampleId :
RE125D3-20230310

Tgt Ion:112 Resp: 3575
Ion Ratio Lower Upper
112 100
64 67.0 49.0 73.6
63 34.9 25.7 38.5



#5
Phenol-d6
Concen: 0.088 ng
RT: 7.187 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN024387.D
Acq: 18 Mar 2023 19:51

Tgt Ion: 99 Resp: 2712
Ion Ratio Lower Upper
99 100
42 29.0 20.1 30.1
71 40.2 25.8 38.8#

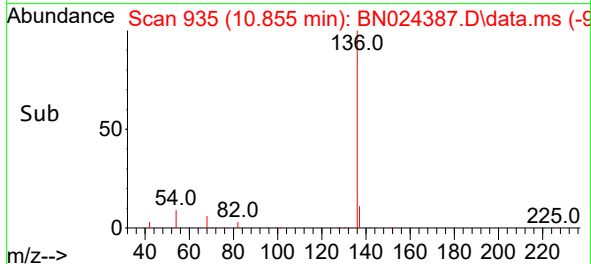
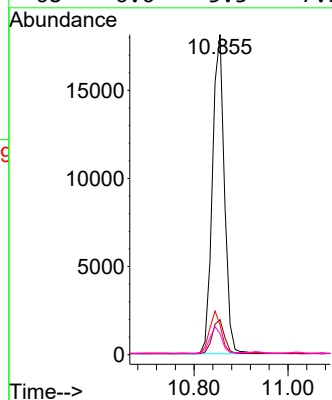
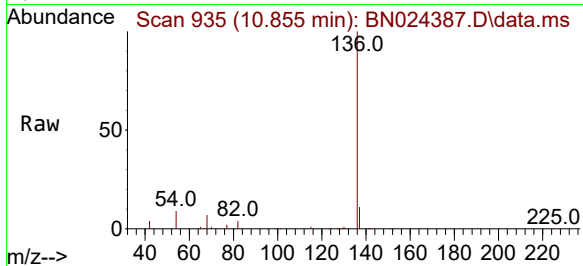




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024387.D
Acq: 18 Mar 2023 19:51

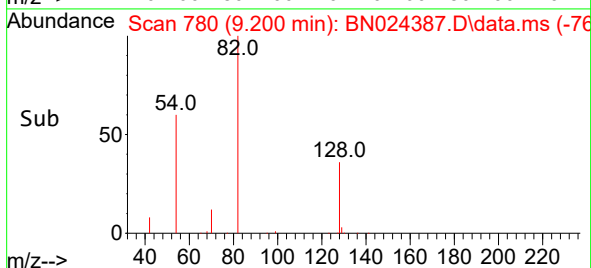
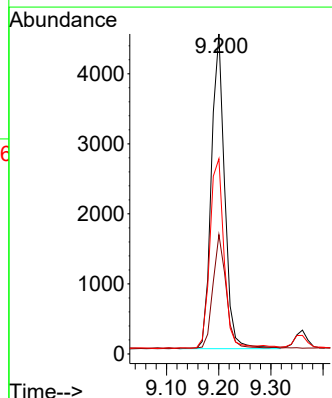
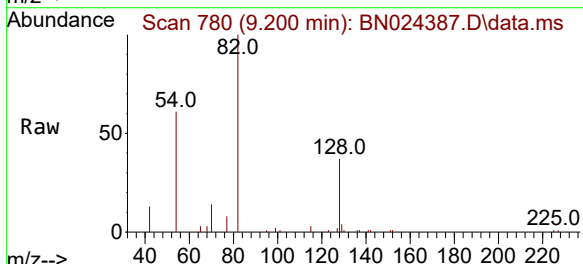
Instrument :
BNA_N
ClientSampleId :
RE125D3-20230310

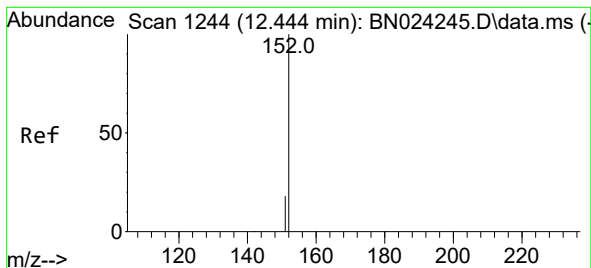
Tgt Ion:	136	Resp:	32165
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.3	7.1	10.7
68	6.6	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 9.200 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN024387.D
Acq: 18 Mar 2023 19:51

Tgt Ion:	82	Resp:	7936
Ion Ratio	Lower	Upper	
82	100		
128	37.3	32.4	48.6
54	61.0	45.2	67.8

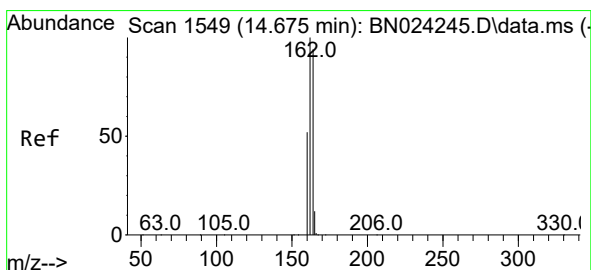
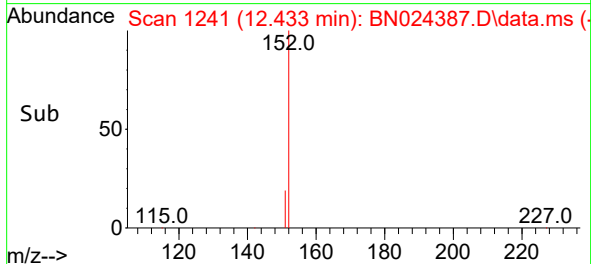
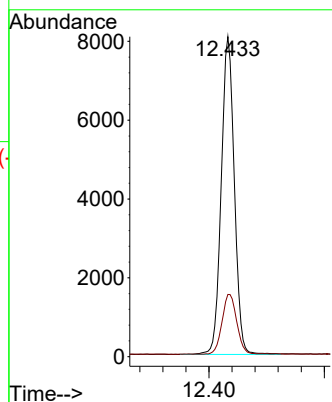
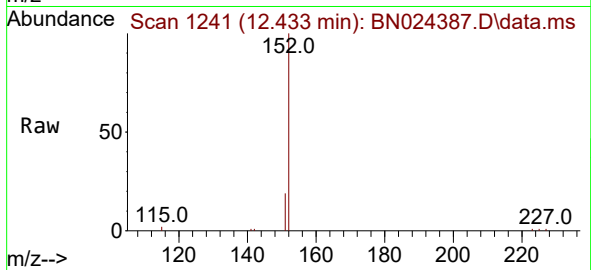




#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024387.D
Acq: 18 Mar 2023 19:51

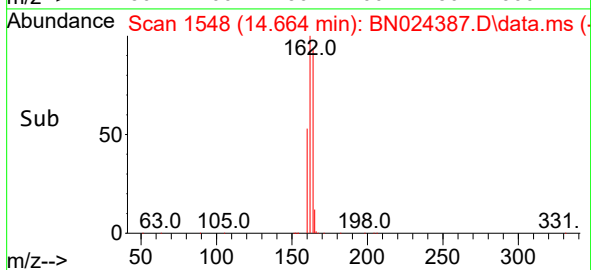
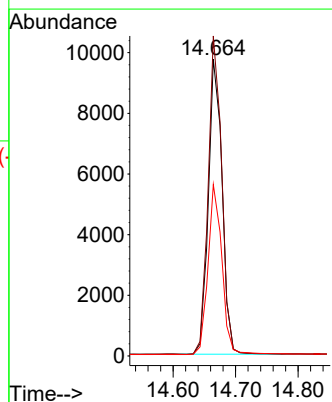
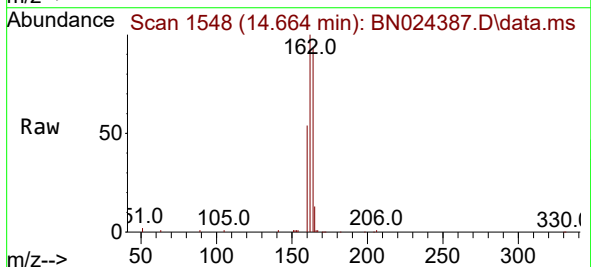
Instrument :
BNA_N
ClientSampleId :
RE125D3-20230310

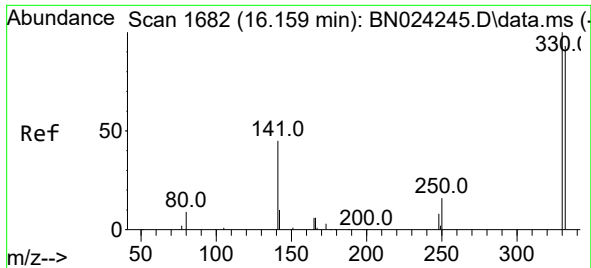
Tgt Ion:152 Resp: 12692
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.664 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BN024387.D
Acq: 18 Mar 2023 19:51

Tgt Ion:164 Resp: 14829
Ion Ratio Lower Upper
164 100
162 107.9 84.7 127.1
160 57.7 44.6 66.8

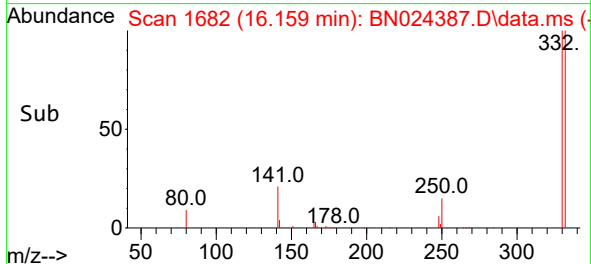
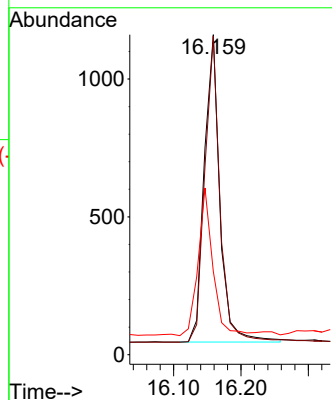
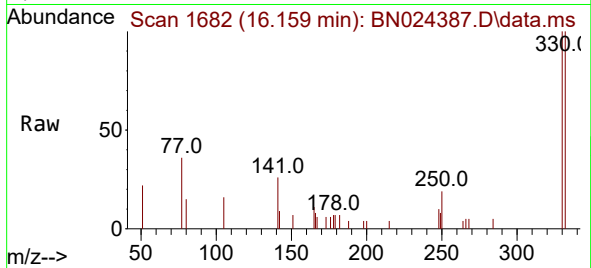




#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 16.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024387.D
Acq: 18 Mar 2023 19:51

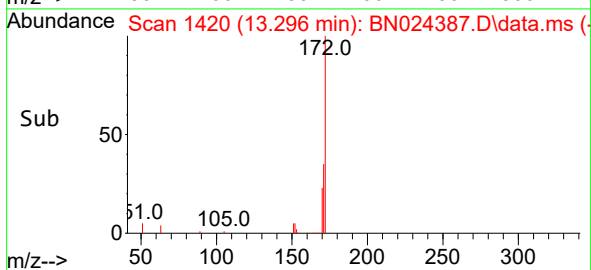
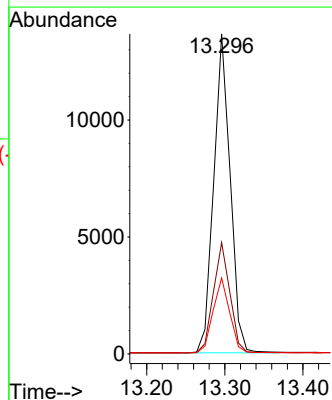
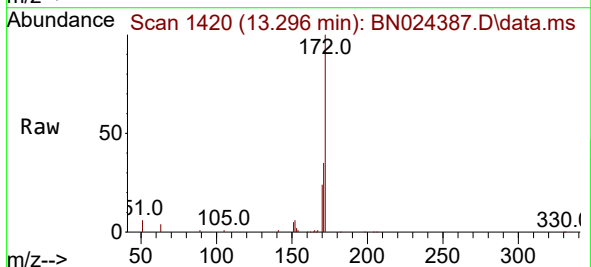
Instrument :
BNA_N
ClientSampleId :
RE125D3-20230310

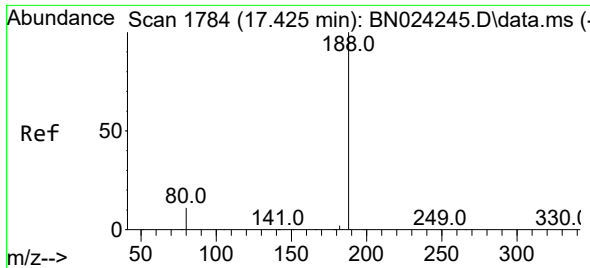
Tgt Ion: 330 Resp: 1800
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 44.0 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.296 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BN024387.D
Acq: 18 Mar 2023 19:51

Tgt Ion: 172 Resp: 20004
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.7 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN024387.D

Acq: 18 Mar 2023 19:51

Instrument :

BNA_N

ClientSampleId :

RE125D3-20230310

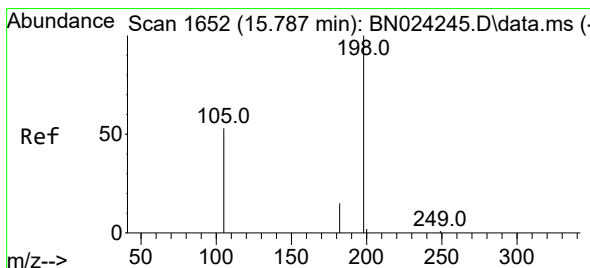
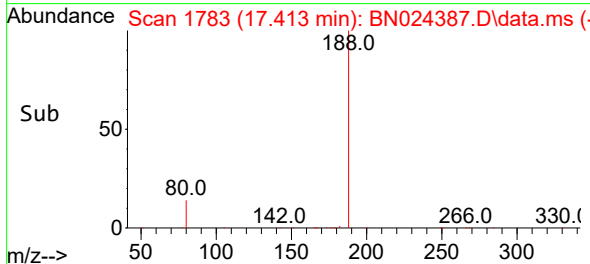
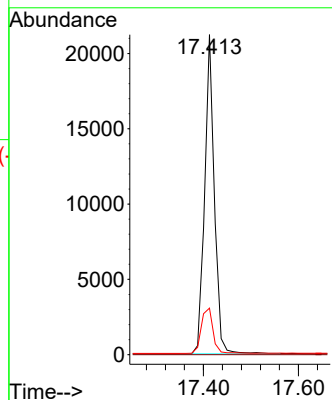
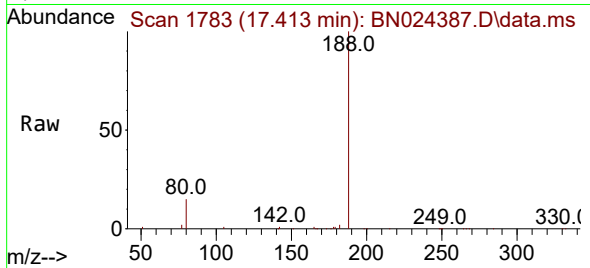
Tgt Ion:188 Resp: 30301

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.5 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.787 min Scan# 1652

Delta R.T. -0.000 min

Lab File: BN024387.D

Acq: 18 Mar 2023 19:51

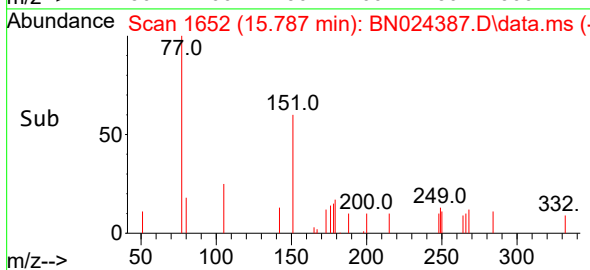
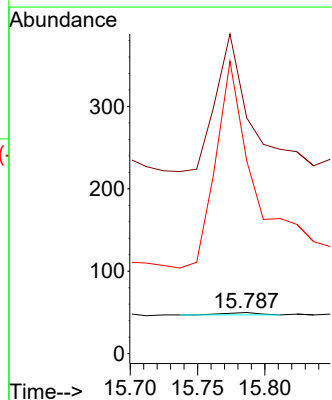
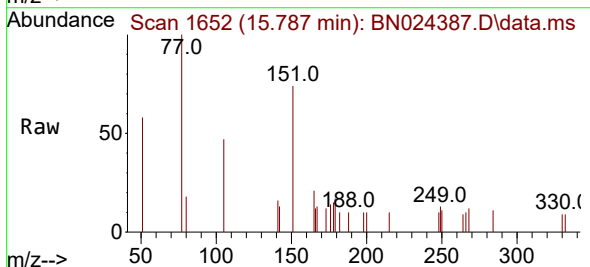
Tgt Ion:198 Resp: 5

Ion Ratio Lower Upper

198 100

51 572.0 68.2 102.2#

105 468.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.132 ng

RT: 17.065 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024387.D

Acq: 18 Mar 2023 19:51

Instrument :

BNA_N

ClientSampleId :

RE125D3-20230310

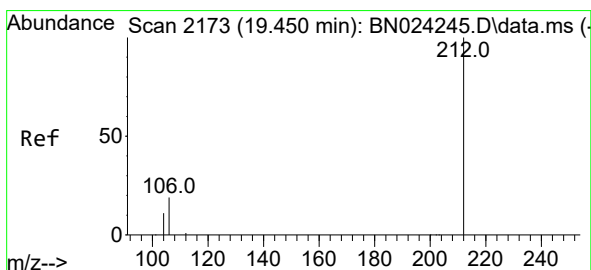
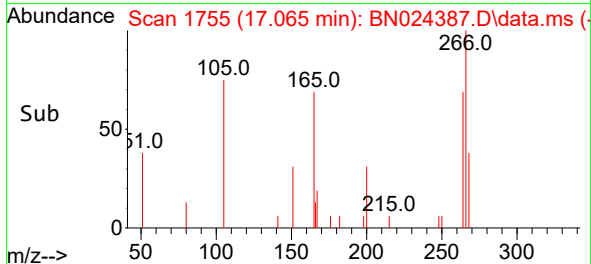
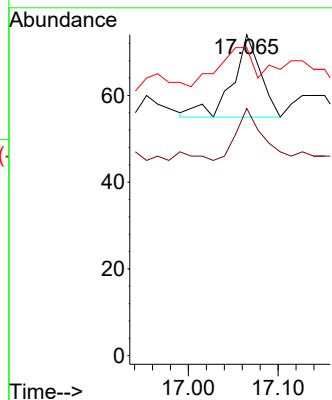
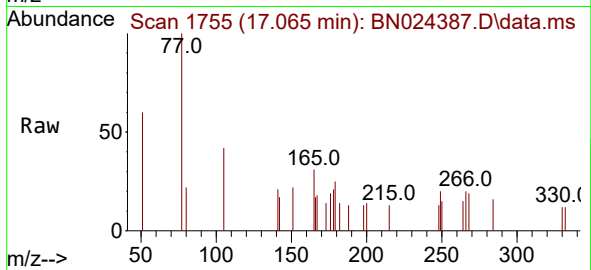
Tgt Ion:266 Resp: 41

Ion Ratio Lower Upper

266 100

264 65.9 51.1 76.7

268 75.6 52.2 78.4



#27

Fluoranthene-d10

Concen: 0.344 ng

RT: 19.442 min Scan# 2171

Delta R.T. -0.000 min

Lab File: BN024387.D

Acq: 18 Mar 2023 19:51

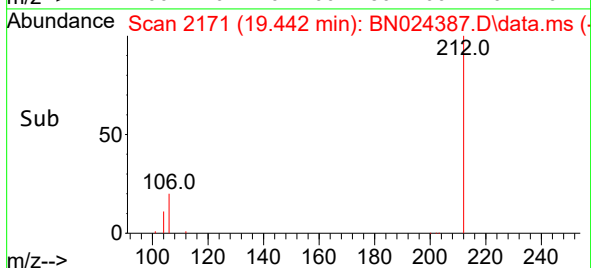
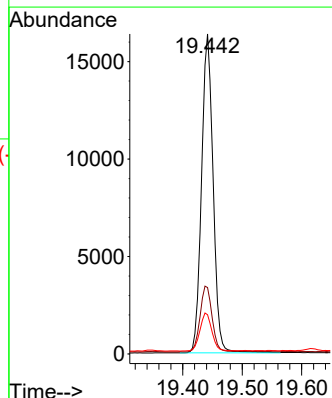
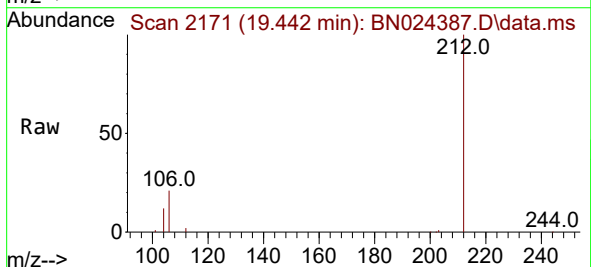
Tgt Ion:212 Resp: 22095

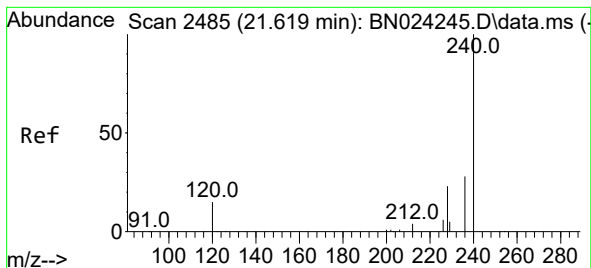
Ion Ratio Lower Upper

212 100

106 21.3 15.4 23.2

104 12.3 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.601 min Scan# 2483

Delta R.T. -0.000 min

Lab File: BN024387.D

Acq: 18 Mar 2023 19:51

Instrument :

BNA_N

ClientSampleId :

RE125D3-20230310

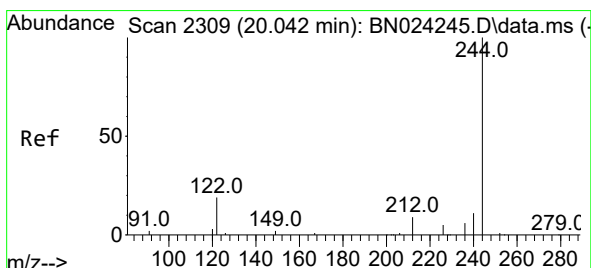
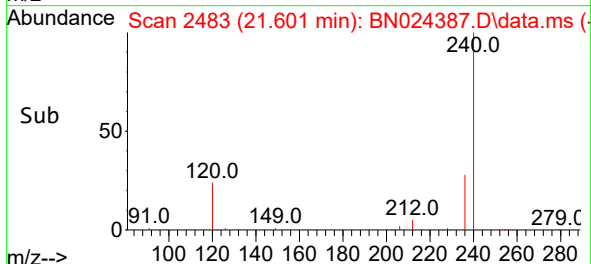
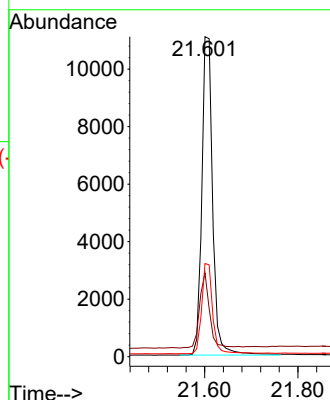
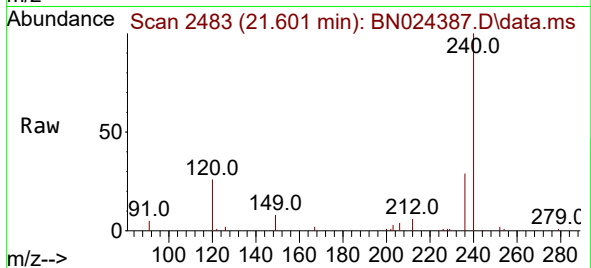
Tgt Ion:240 Resp: 17959

Ion Ratio Lower Upper

240 100

120 26.2 12.8 19.2#

236 29.1 22.5 33.7



#31

Terphenyl-d14

Concen: 0.412 ng

RT: 20.033 min Scan# 2308

Delta R.T. -0.000 min

Lab File: BN024387.D

Acq: 18 Mar 2023 19:51

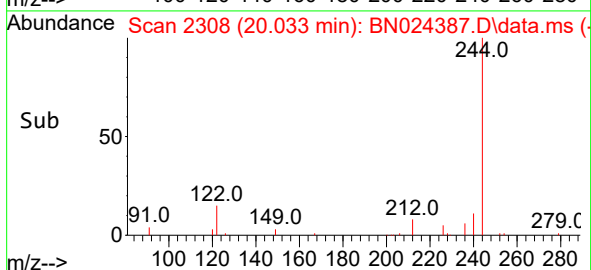
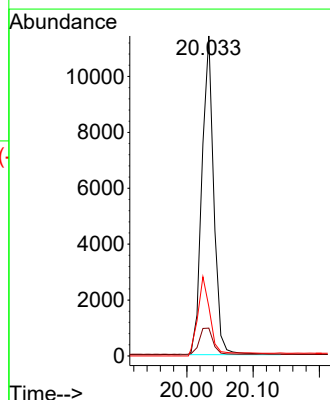
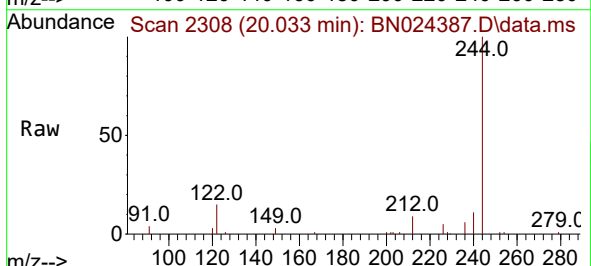
Tgt Ion:244 Resp: 12468

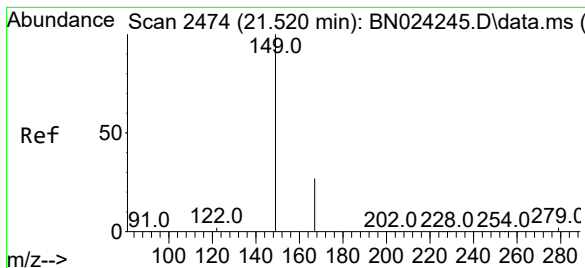
Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

122 15.4 15.1 22.7

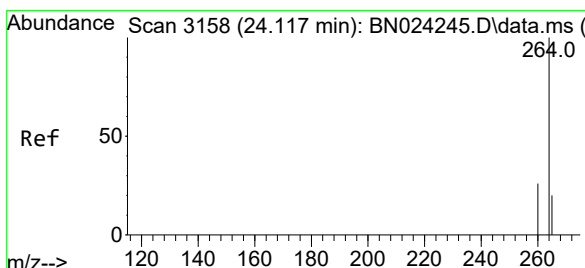
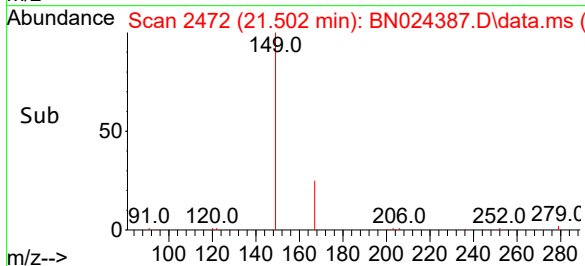
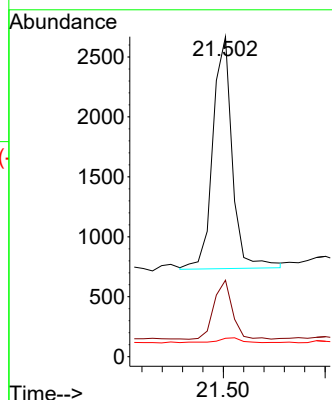
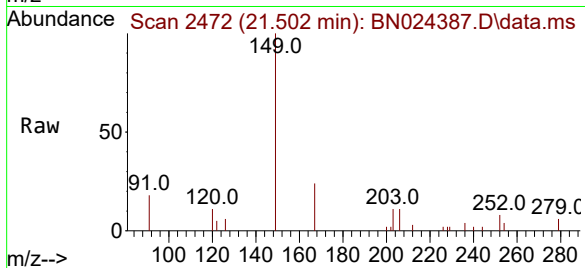




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.091 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. -0.000 min
 Lab File: BN024387.D
 Acq: 18 Mar 2023 19:51

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20230310

Tgt Ion:	149	Resp:	2567
Ion Ratio	Lower	Upper	
149	100		
167	24.1	21.2	31.8
279	2.6	1.8	2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.105 min Scan# 3154
 Delta R.T. 0.009 min
 Lab File: BN024387.D
 Acq: 18 Mar 2023 19:51

Tgt Ion:	264	Resp:	12532
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.4	32.2
265	62.7	35.7	53.5

