

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024525.D
 Acq On : 24 Mar 2023 01:39
 Operator : CG/JU
 Sample : 01904-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20230313

Quant Time: Mar 24 03:07:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 03:05:57 2023
 Response via : Initial Calibration

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

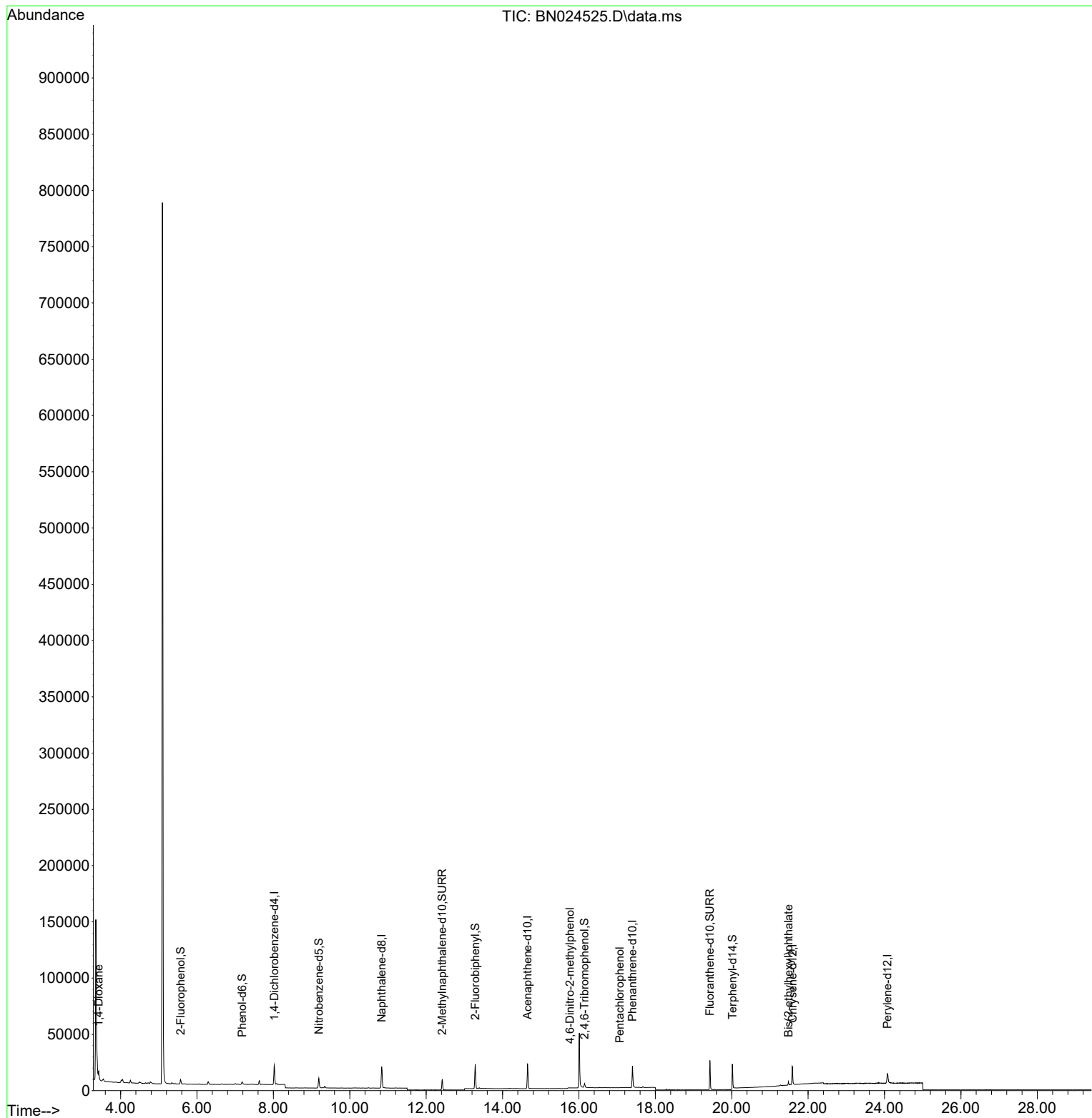
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	8724	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	24970	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	12444	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	26275	0.400	ng	# 0.00
29) Chrysene-d12	21.592	240	16986	0.400	ng	0.00
35) Perylene-d12	24.076	264	14046	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	3351	0.173	ng	0.00
5) Phenol-d6	7.180	99	2366	0.095	ng	0.00
8) Nitrobenzene-d5	9.190	82	7263	0.435	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	12568	0.409	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2228	0.350	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	19015	0.405	ng	0.00
27) Fluoranthene-d10	19.429	212	27662	0.497	ng	0.00
31) Terphenyl-d14	20.015	244	16309	0.569	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.425	88	4156	0.438	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.762	198	16	0.181	ng	# 1
24) Pentachlorophenol	17.065	266	95	0.137	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.484	149	3265	0.122	ng	# 92

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

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Sample : 01904-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
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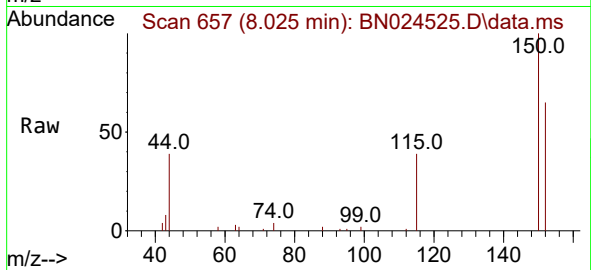
Quant Time: Mar 24 03:07:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



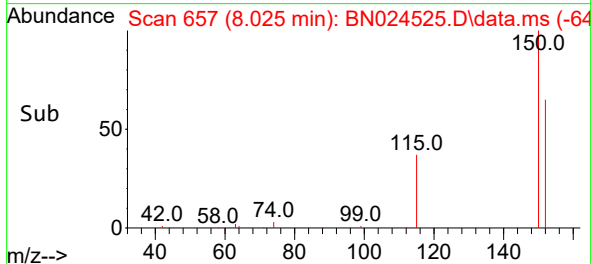
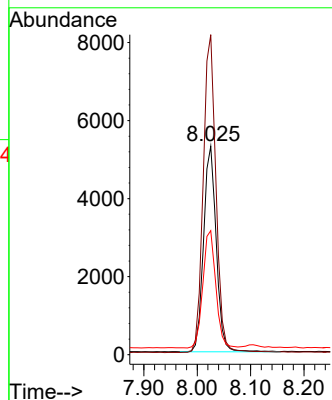


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.025 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024525.D
Acq: 24 Mar 2023 01:39

Instrument :
BNA_N
ClientSampleId :
RE117D1-20230313

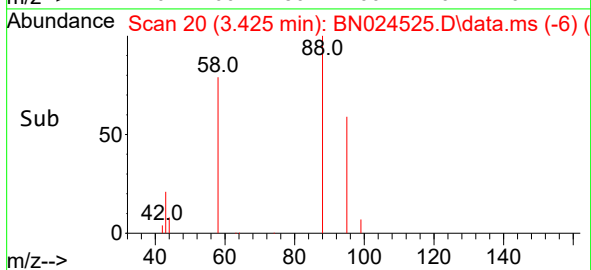
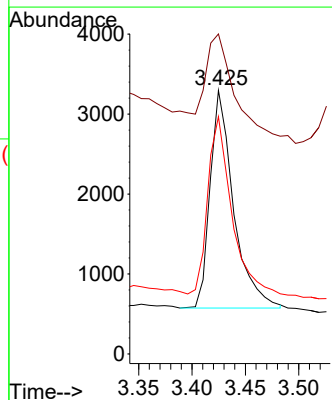
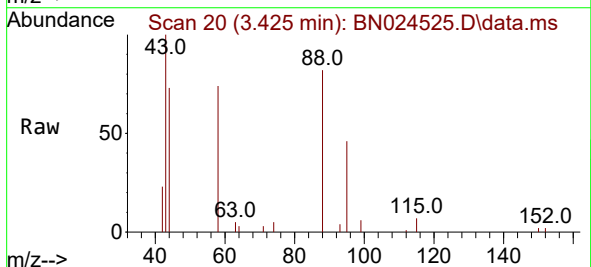


Tgt Ion:152 Resp: 8724
Ion Ratio Lower Upper
152 100
150 153.5 124.7 187.1
115 59.5 49.1 73.7



#2
1,4-Dioxane
Concen: 0.438 ng
RT: 3.425 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN024525.D
Acq: 24 Mar 2023 01:39

Tgt Ion: 88 Resp: 4156
Ion Ratio Lower Upper
88 100
43 54.9 29.0 43.4#
58 81.8 67.3 100.9

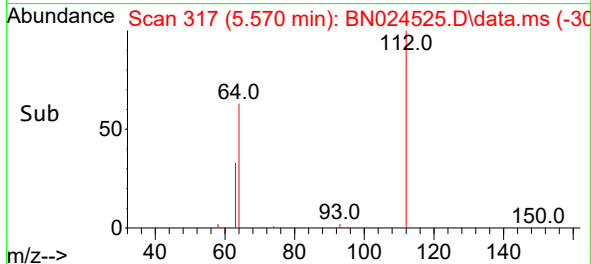
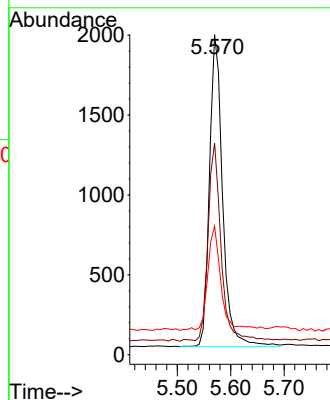
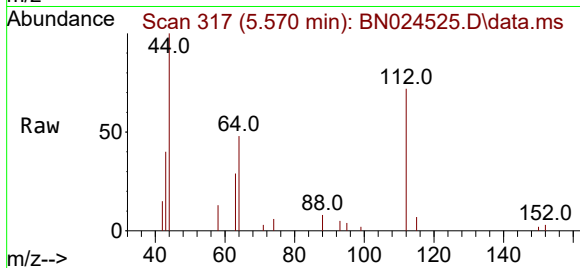




#4
2-Fluorophenol
Concen: 0.173 ng
RT: 5.570 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024525.D
Acq: 24 Mar 2023 01:39

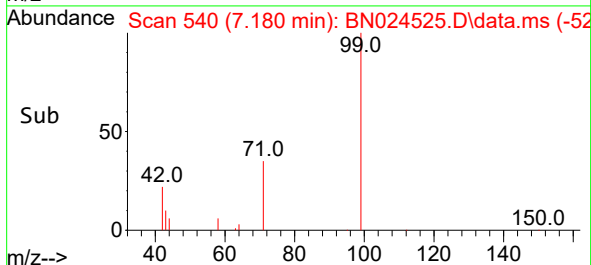
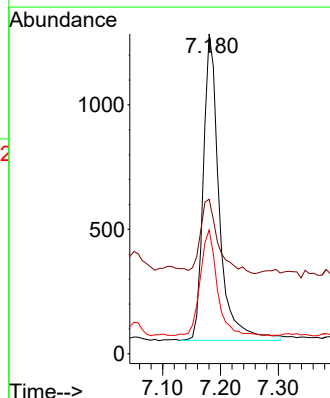
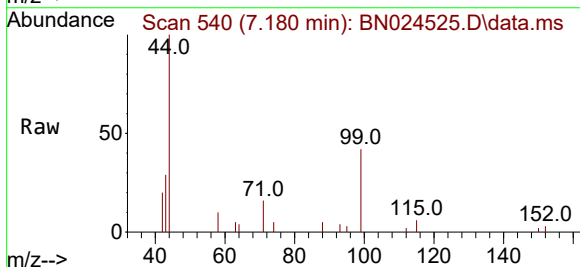
Instrument :
BNA_N
ClientSampleId :
RE117D1-20230313

Tgt Ion:112 Resp: 3351
Ion Ratio Lower Upper
112 100
64 63.7 49.0 73.6
63 33.9 25.7 38.5



#5
Phenol-d6
Concen: 0.095 ng
RT: 7.180 min Scan# 540
Delta R.T. -0.000 min
Lab File: BN024525.D
Acq: 24 Mar 2023 01:39

Tgt Ion: 99 Resp: 2366
Ion Ratio Lower Upper
99 100
42 26.9 20.1 30.1
71 36.4 25.8 38.8

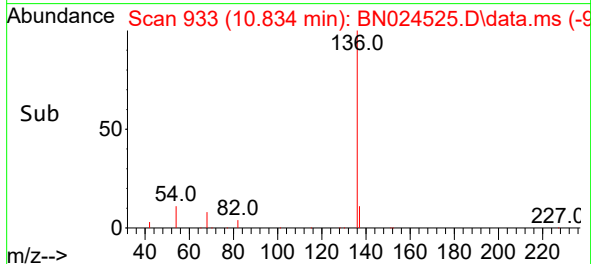
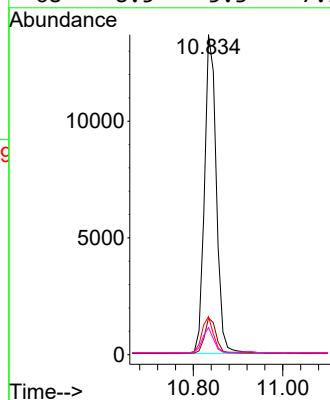
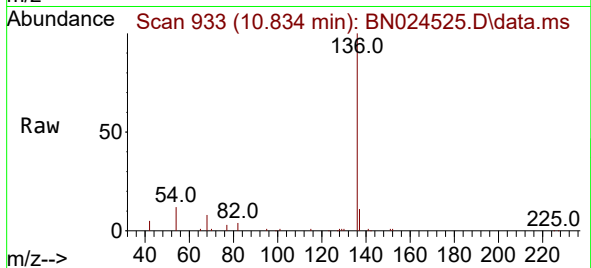




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024525.D
Acq: 24 Mar 2023 01:39

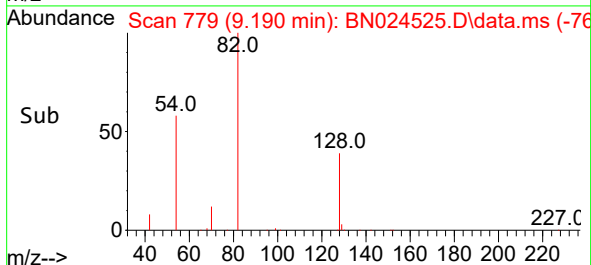
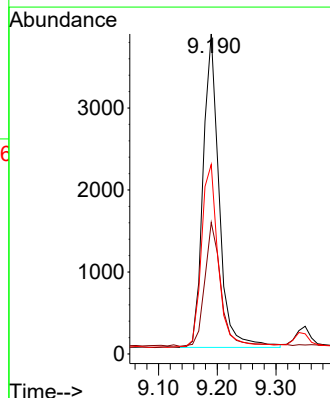
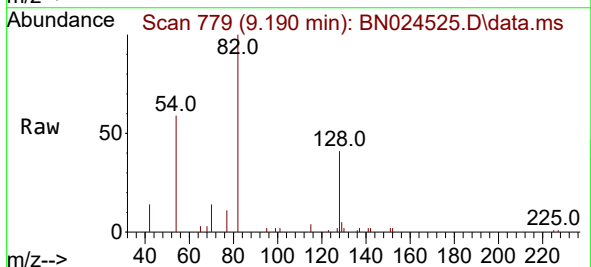
Instrument :
BNA_N
ClientSampleId :
RE117D1-20230313

Tgt Ion:	136	Resp:	24970
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	11.9	7.1	10.7#
68	8.5	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.435 ng
RT: 9.190 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN024525.D
Acq: 24 Mar 2023 01:39

Tgt Ion:	82	Resp:	7263
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.4	48.6
54	59.2	45.2	67.8

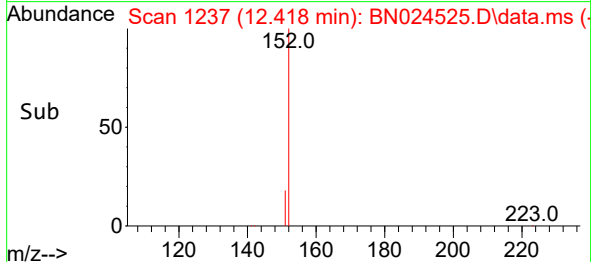
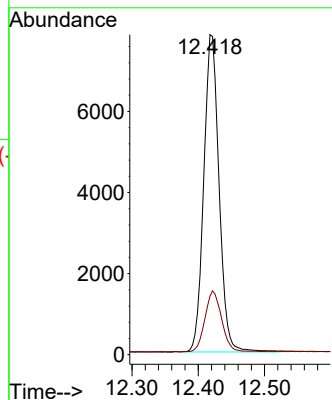
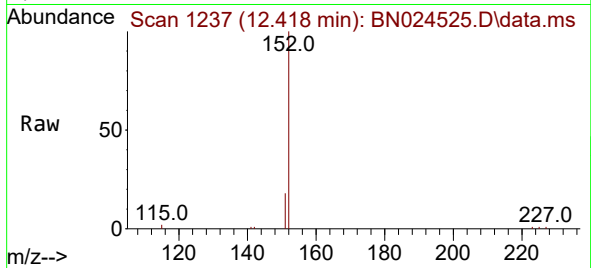




#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.418 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024525.D
Acq: 24 Mar 2023 01:39

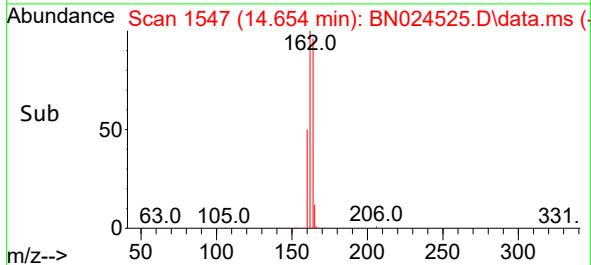
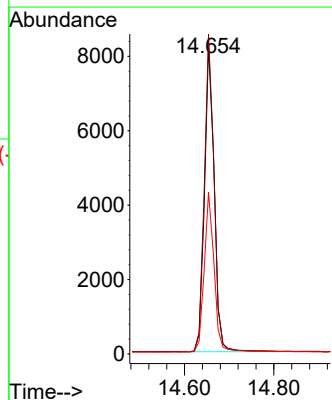
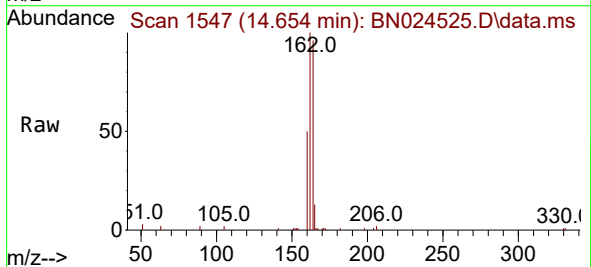
Instrument :
BNA_N
ClientSampleId :
RE117D1-20230313

Tgt Ion:152 Resp: 12568
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BN024525.D
Acq: 24 Mar 2023 01:39

Tgt Ion:164 Resp: 12444
Ion Ratio Lower Upper
164 100
162 104.0 84.7 127.1
160 52.5 44.6 66.8

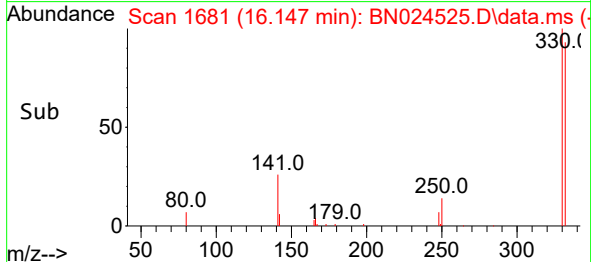
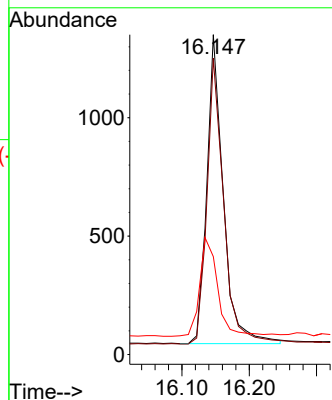
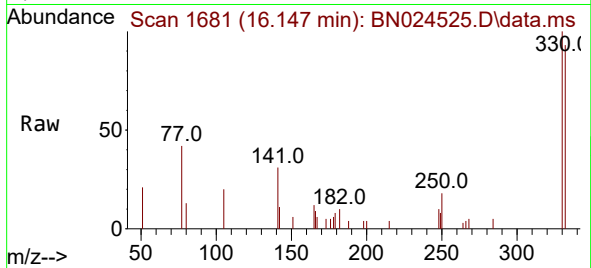




#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 16.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024525.D
Acq: 24 Mar 2023 01:39

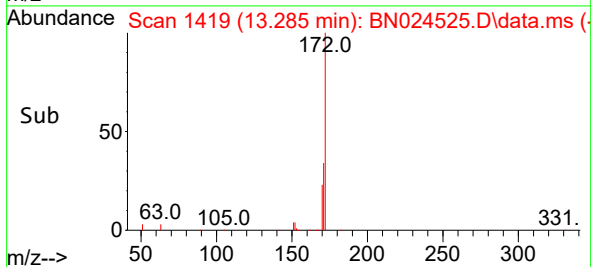
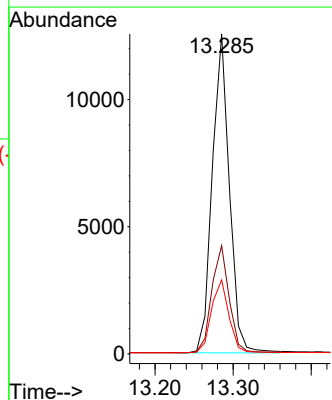
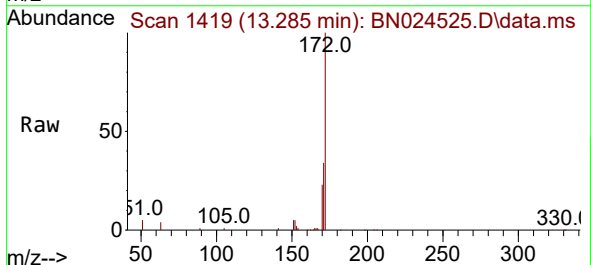
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BNA_N
ClientSampleId :
RE117D1-20230313

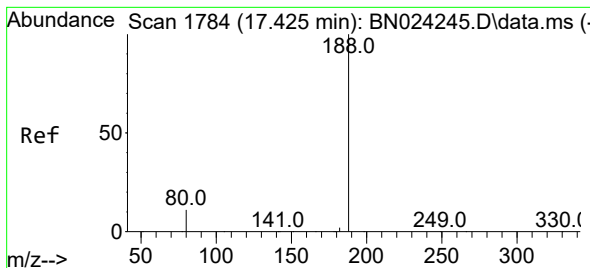
Tgt Ion:330 Resp: 2228
Ion Ratio Lower Upper
330 100
332 93.7 78.0 117.0
141 35.4 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.285 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN024525.D
Acq: 24 Mar 2023 01:39

Tgt Ion:172 Resp: 19015
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.8
170 23.1 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.400 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN024525.D

Acq: 24 Mar 2023 01:39

Instrument :

BNA_N

ClientSampleId :

RE117D1-20230313

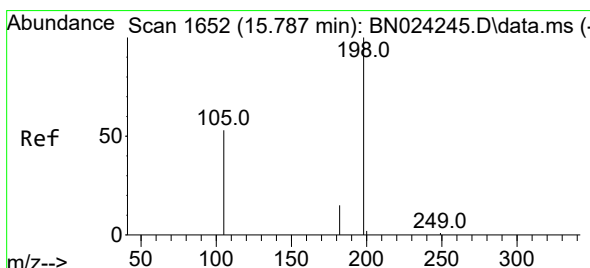
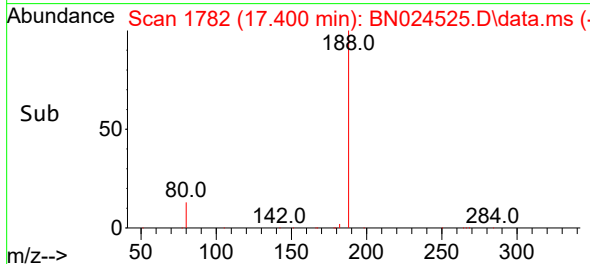
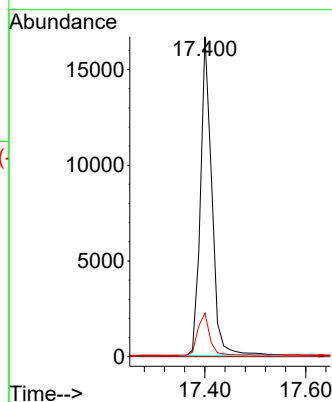
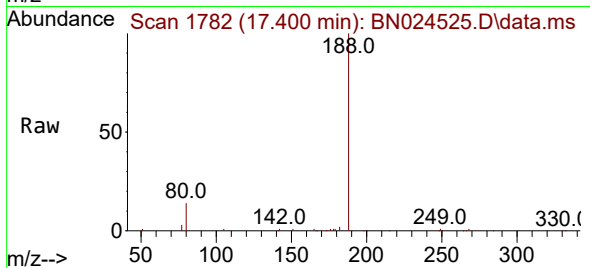
Tgt Ion:188 Resp: 26275

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.181 ng

RT: 15.762 min Scan# 1650

Delta R.T. -0.013 min

Lab File: BN024525.D

Acq: 24 Mar 2023 01:39

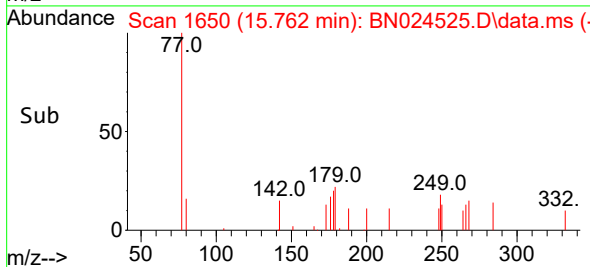
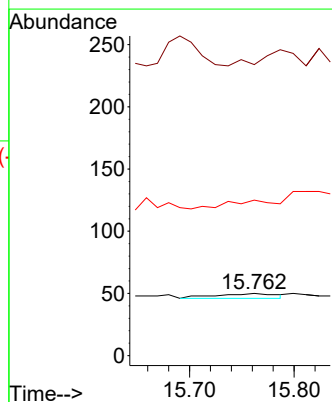
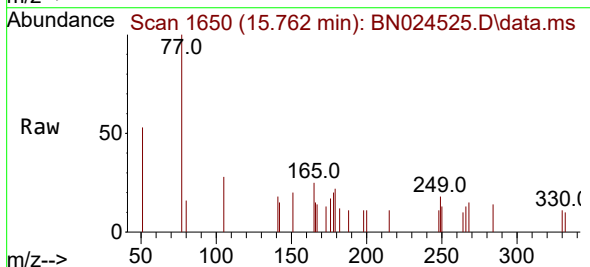
Tgt Ion:198 Resp: 16

Ion Ratio Lower Upper

198 100

51 468.0 68.2 102.2#

105 250.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.137 ng

RT: 17.065 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN024525.D

Acq: 24 Mar 2023 01:39

Instrument :

BNA_N

ClientSampleId :

RE117D1-20230313

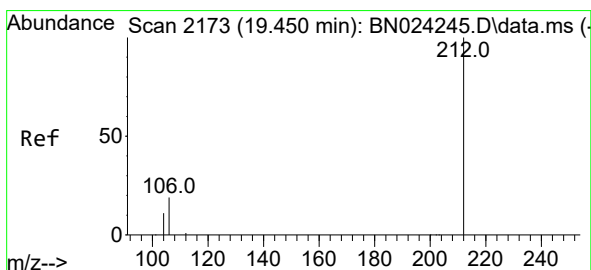
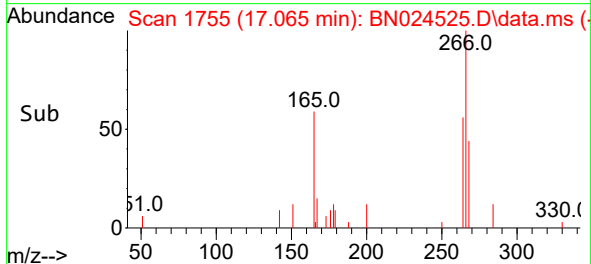
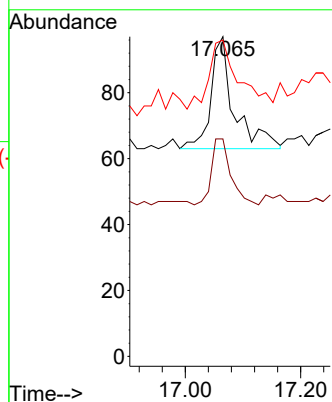
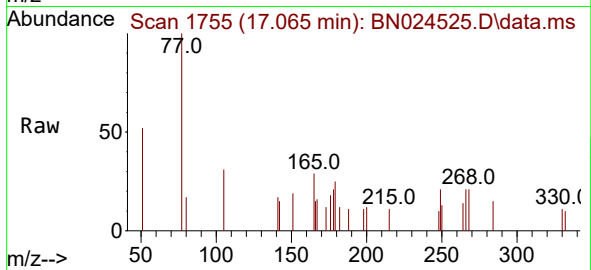
Tgt Ion:266 Resp: 95

Ion Ratio Lower Upper

266 100

264 48.4 51.1 76.7#

268 81.1 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.497 ng

RT: 19.429 min Scan# 2168

Delta R.T. -0.000 min

Lab File: BN024525.D

Acq: 24 Mar 2023 01:39

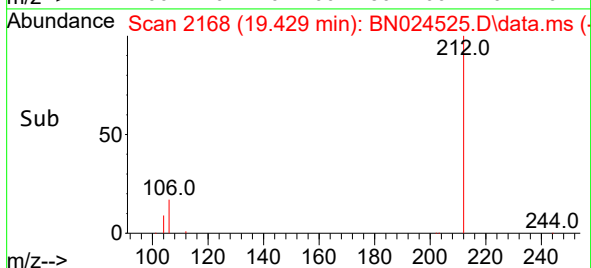
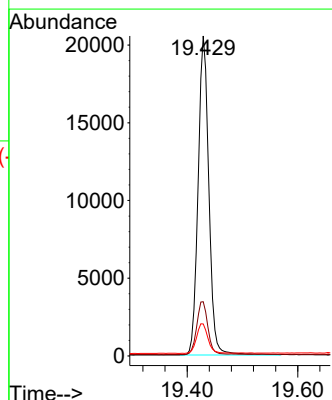
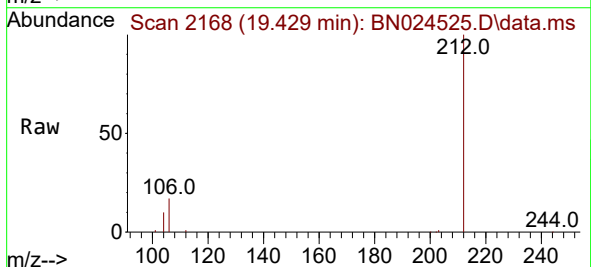
Tgt Ion:212 Resp: 27662

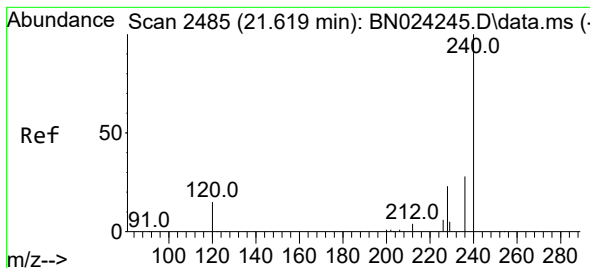
Ion Ratio Lower Upper

212 100

106 17.2 15.4 23.2

104 9.9 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.592 min Scan# 2482

Delta R.T. 0.009 min

Lab File: BN024525.D

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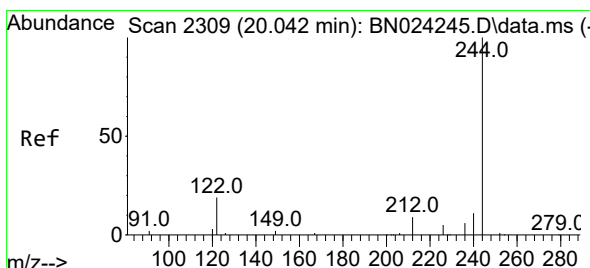
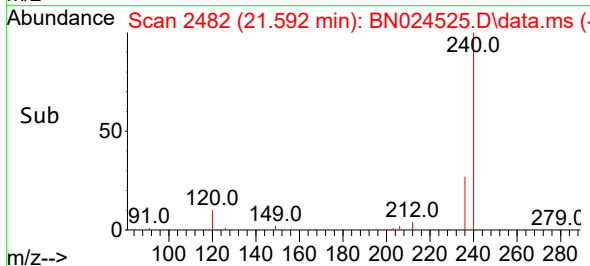
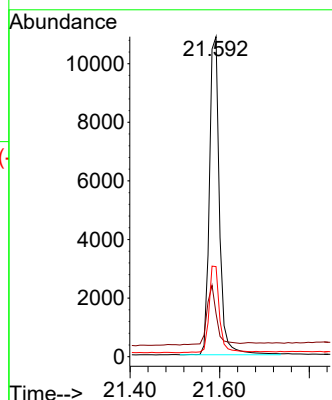
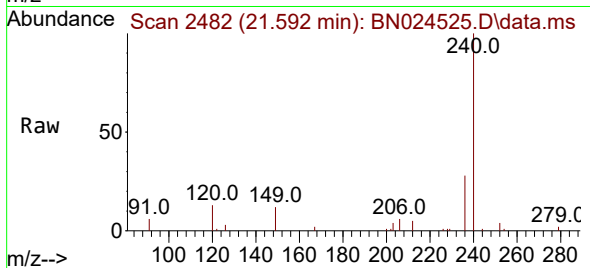
Tgt Ion:240 Resp: 16986

Ion Ratio Lower Upper

240 100

120 13.5 12.8 19.2

236 28.2 22.5 33.7



#31

Terphenyl-d14

Concen: 0.569 ng

RT: 20.015 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BN024525.D

Acq: 24 Mar 2023 01:39

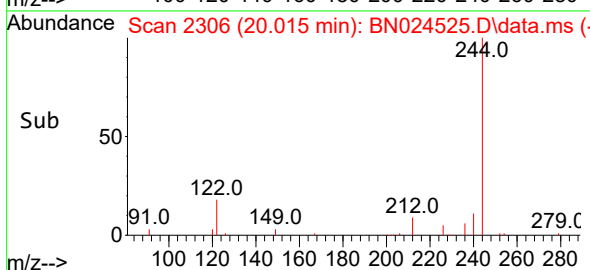
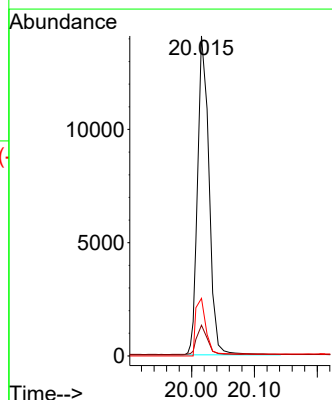
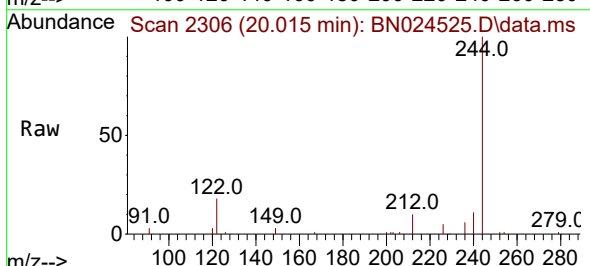
Tgt Ion:244 Resp: 16309

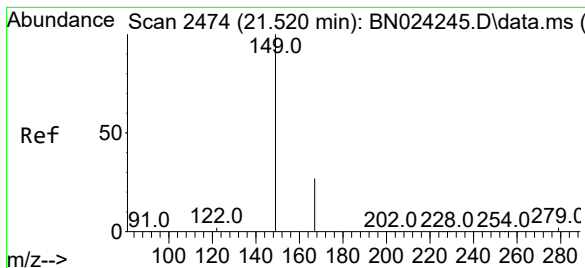
Ion Ratio Lower Upper

244 100

212 9.6 7.6 11.4

122 18.0 15.1 22.7

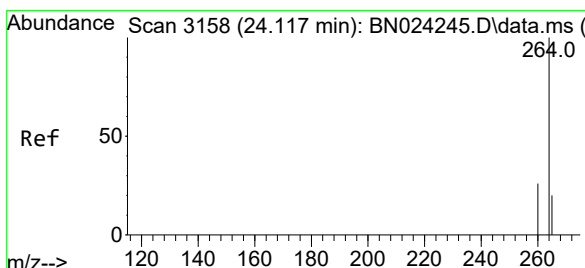
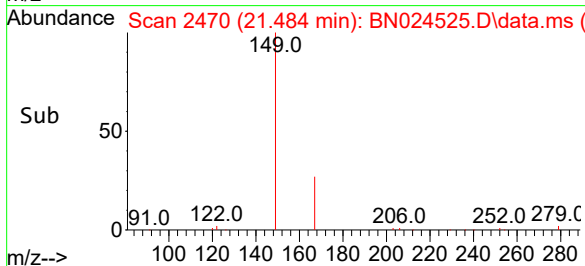
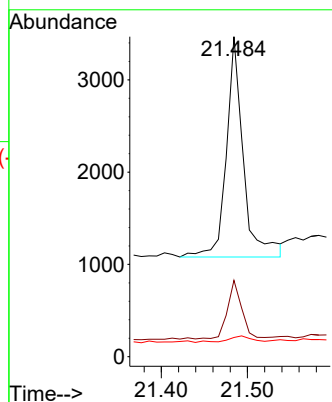
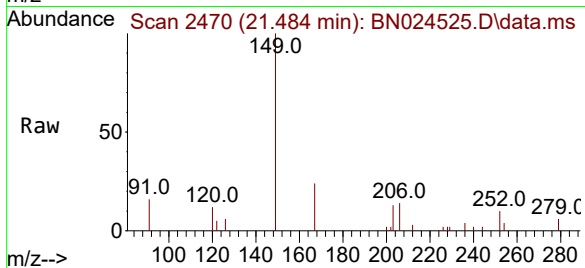




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.122 ng
 RT: 21.484 min Scan# 2470
 Delta R.T. -0.000 min
 Lab File: BN024525.D
 Acq: 24 Mar 2023 01:39

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20230313

Tgt Ion:149 Resp: 3265
 Ion Ratio Lower Upper
 149 100
 167 22.4 21.2 31.8
 279 4.1 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.076 min Scan# 3144
 Delta R.T. -0.003 min
 Lab File: BN024525.D
 Acq: 24 Mar 2023 01:39

Tgt Ion:264 Resp: 14046
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.4 32.2
 265 90.0 35.7 53.5#

