

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024337.D
 Acq On : 17 Mar 2023 08:14
 Operator : CG/JU
 Sample : 01880-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230309

Quant Time: Mar 17 08:49:31 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 17 04:37:08 2023
 Response via : Initial Calibration

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

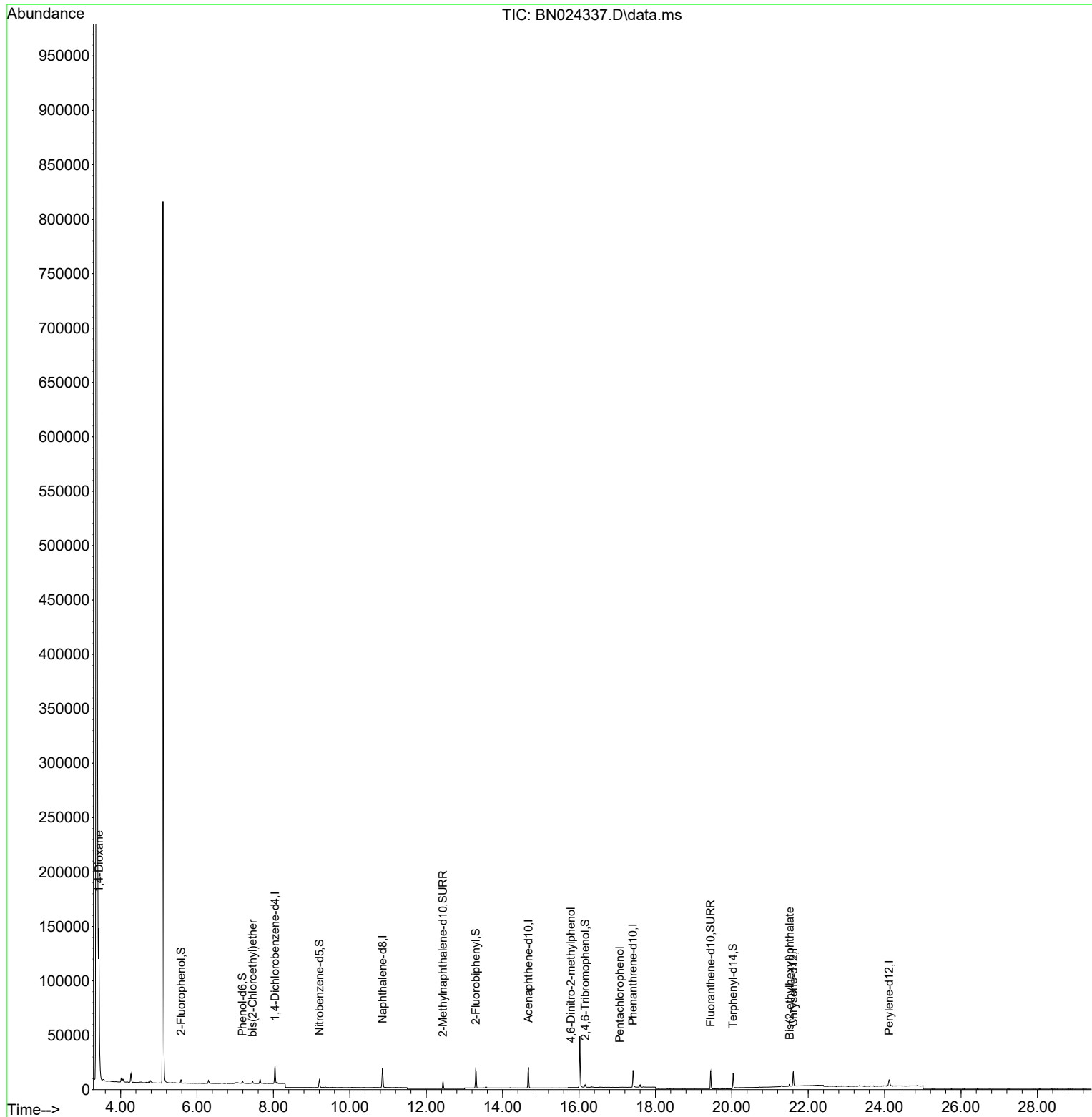
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7765	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	22616	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10225	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	20370	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	13233	0.400	ng	0.00
35) Perylene-d12	24.117	264	9743	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2484	0.144	ng	0.00
5) Phenol-d6	7.188	99	1905	0.086	ng	0.00
8) Nitrobenzene-d5	9.201	82	5551	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	9098	0.327	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1332	0.255	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	14994	0.388	ng	-0.01
27) Fluoranthene-d10	19.446	212	16542	0.383	ng	0.00
31) Terphenyl-d14	20.034	244	10751	0.482	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.432	88	68498	8.107	ng	94
6) bis(2-Chloroethyl)ether	7.455	93	1267	0.058	ng	96
20) 4,6-Dinitro-2-methylph...	15.787	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	55	0.135	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.511	149	2067	0.099	ng	# 97

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

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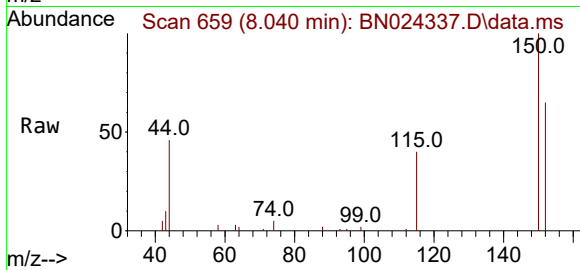
Quant Time: Mar 17 08:49:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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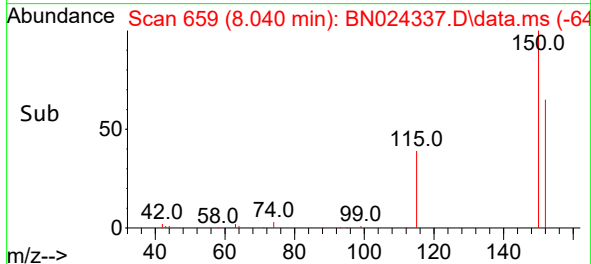
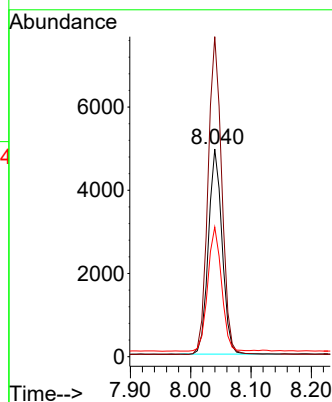


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024337.D
 Acq: 17 Mar 2023 08:14

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230309

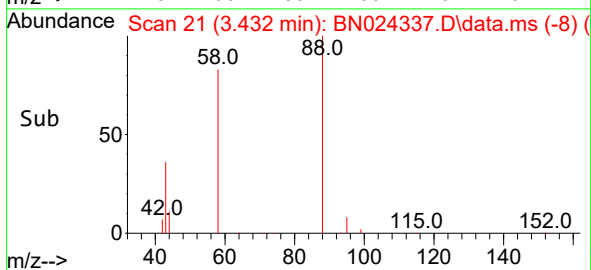
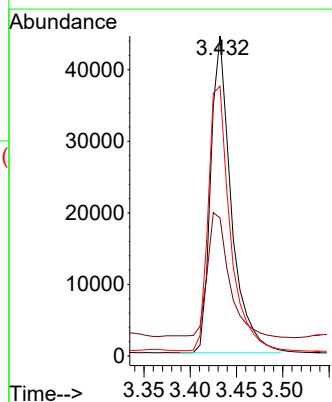
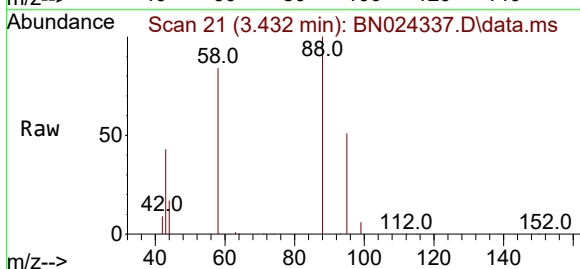


Tgt Ion: 152 Resp: 7765
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.7 187.1
 115 62.4 49.1 73.7



#2
 1,4-Dioxane
 Concen: 8.107 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024337.D
 Acq: 17 Mar 2023 08:14

Tgt Ion: 88 Resp: 68498
 Ion Ratio Lower Upper
 88 100
 43 42.0 29.0 43.4
 58 88.7 67.3 100.9





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN024337.D

Acq: 17 Mar 2023 08:14

Instrument :

BNA_N

ClientSampleId :

RE115D2-20230309

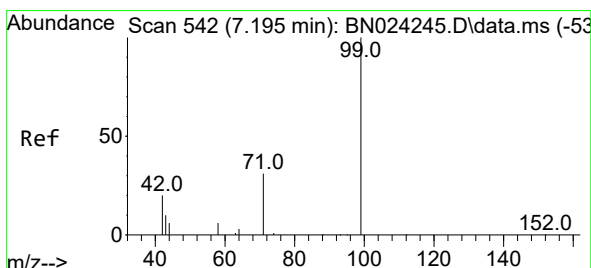
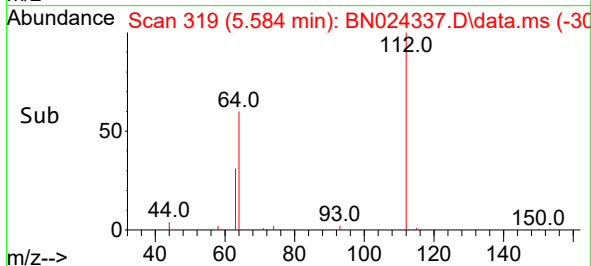
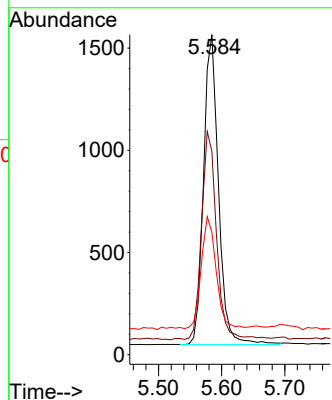
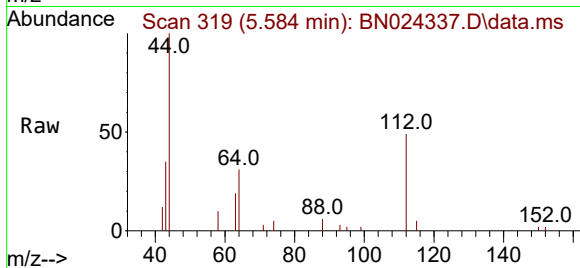
Tgt Ion:112 Resp: 2484

Ion Ratio Lower Upper

112 100

64 68.3 49.0 73.6

63 36.0 25.7 38.5



#5

Phenol-d6

Concen: 0.086 ng

RT: 7.188 min Scan# 541

Delta R.T. 0.000 min

Lab File: BN024337.D

Acq: 17 Mar 2023 08:14

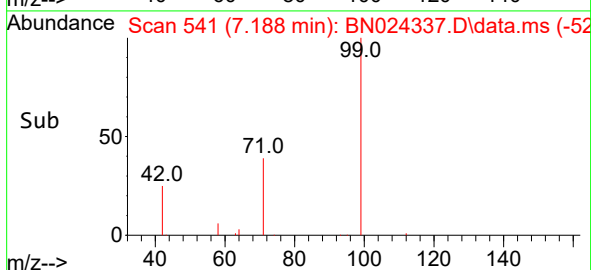
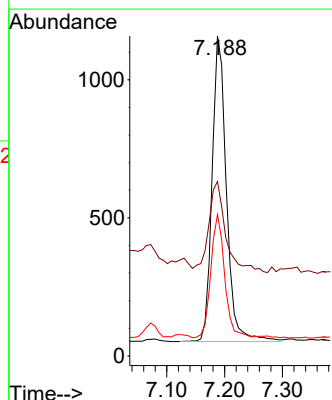
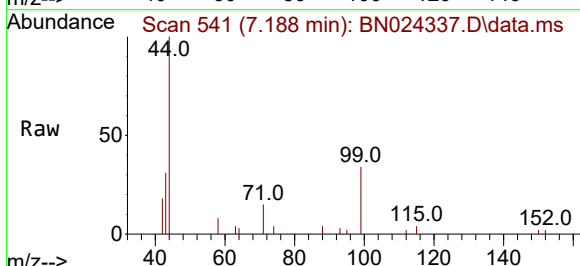
Tgt Ion: 99 Resp: 1905

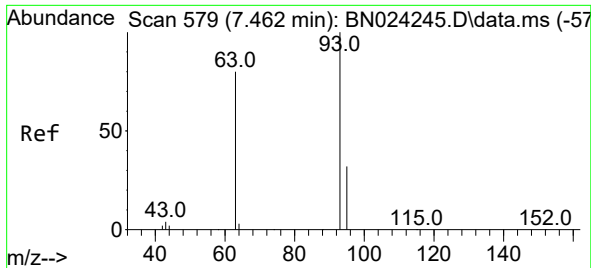
Ion Ratio Lower Upper

99 100

42 35.7 20.1 30.1#

71 39.0 25.8 38.8#

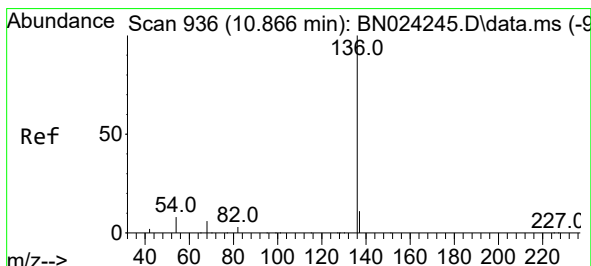
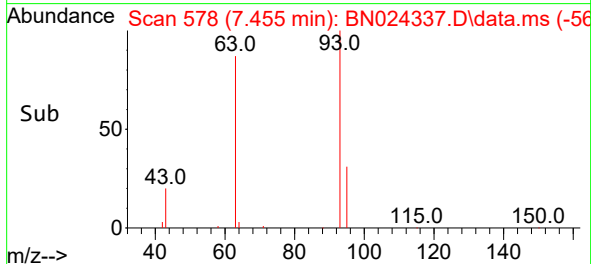
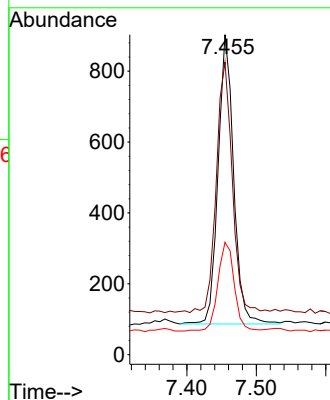
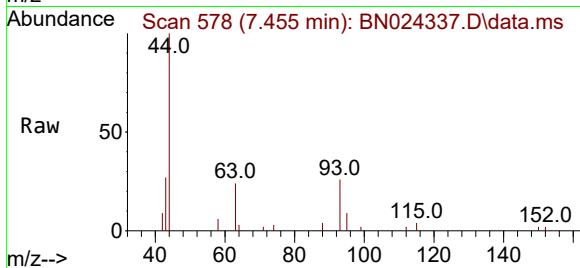




#6
 bis(2-Chloroethyl)ether
 Concen: 0.058 ng
 RT: 7.455 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN024337.D
 Acq: 17 Mar 2023 08:14

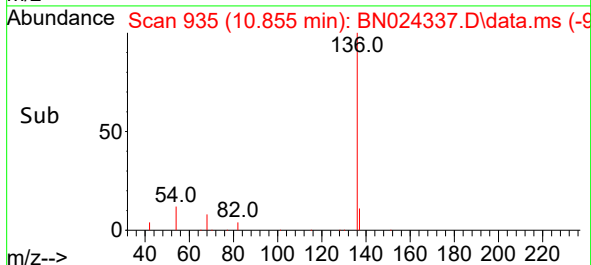
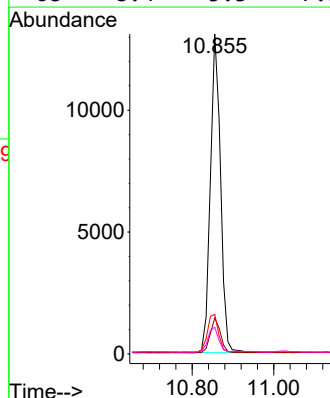
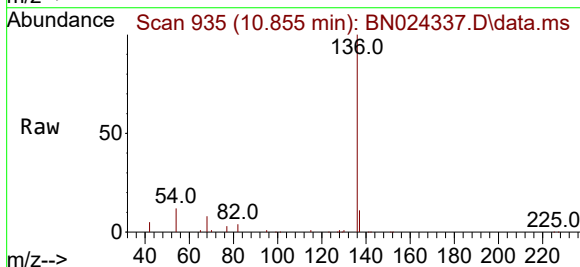
Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230309

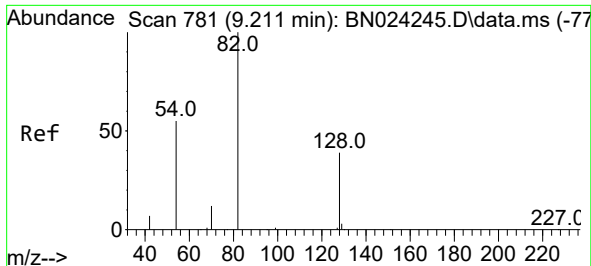
Tgt Ion:	93	Resp:	1267
Ion	Ratio	Lower	Upper
93	100		
63	87.3	65.4	98.2
95	32.2	25.8	38.8



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.855 min Scan# 935
 Delta R.T. 0.000 min
 Lab File: BN024337.D
 Acq: 17 Mar 2023 08:14

Tgt Ion:	136	Resp:	22616
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	12.3	7.1	10.7#
68	8.4	5.3	7.9#

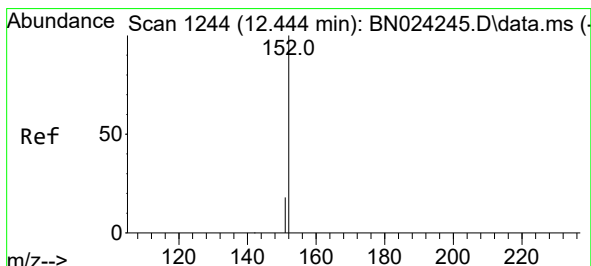
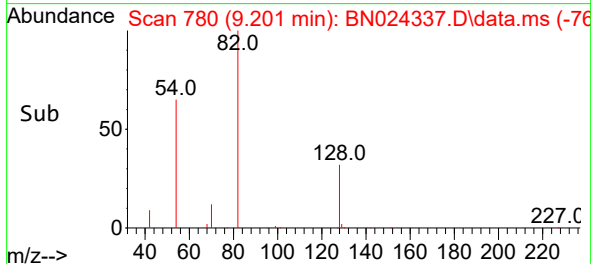
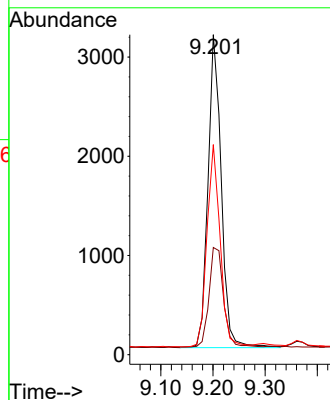
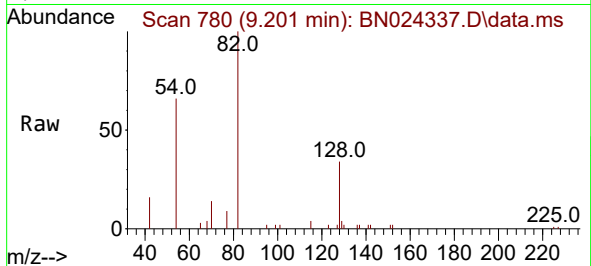




#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 9.201 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024337.D
Acq: 17 Mar 2023 08:14

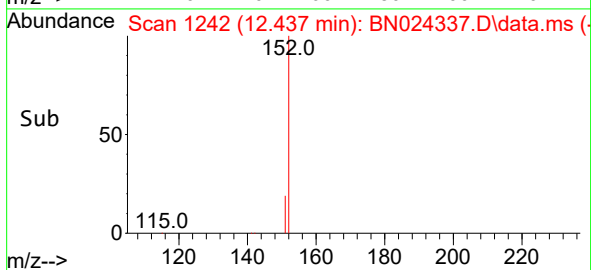
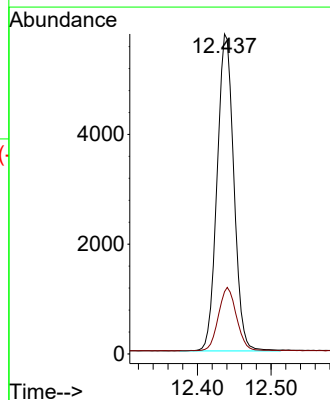
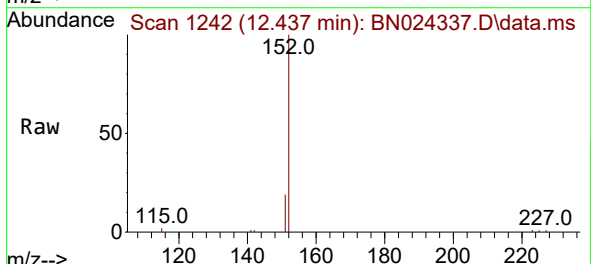
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230309

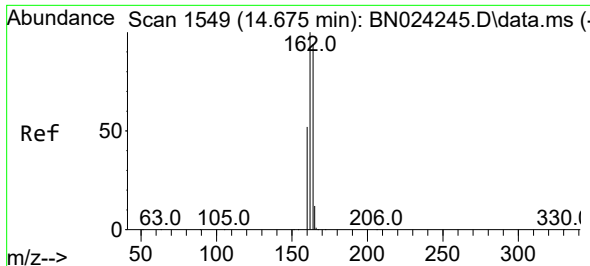
Tgt Ion: 82 Resp: 5551
Ion Ratio Lower Upper
82 100
128 33.5 32.4 48.6
54 65.6 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.437 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BN024337.D
Acq: 17 Mar 2023 08:14

Tgt Ion: 152 Resp: 9098
Ion Ratio Lower Upper
152 100
151 21.6 16.8 25.2

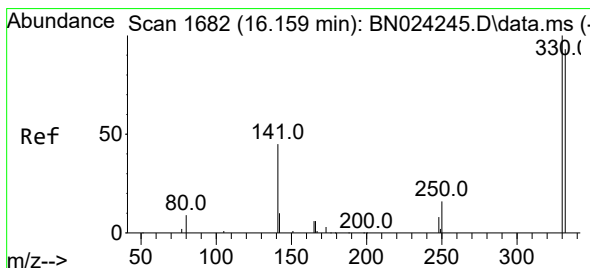
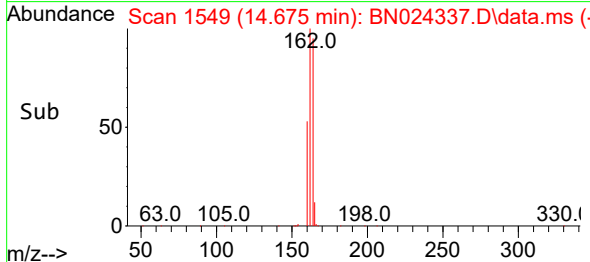
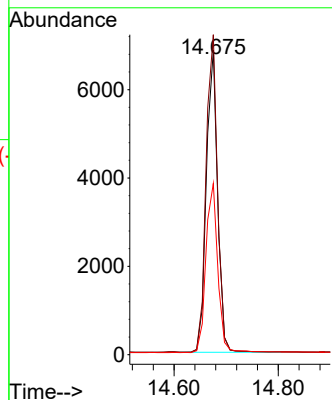
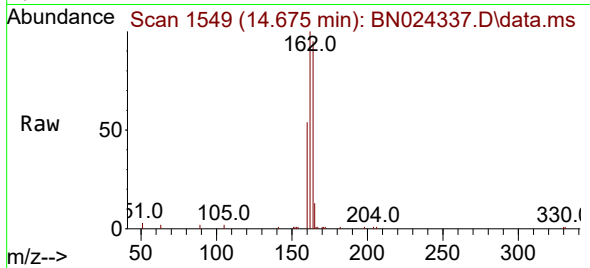




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024337.D
Acq: 17 Mar 2023 08:14

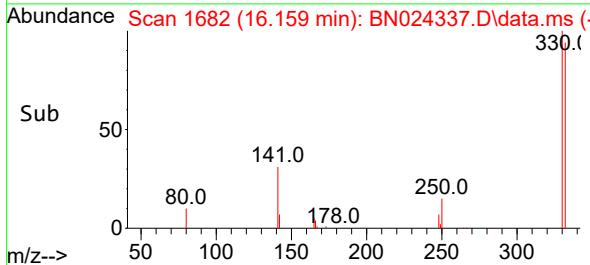
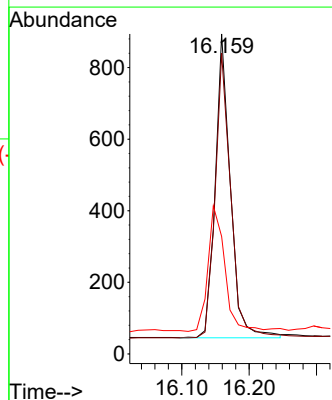
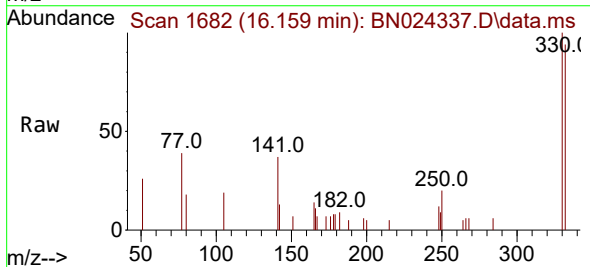
Instrument :
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ClientSampleId :
RE115D2-20230309

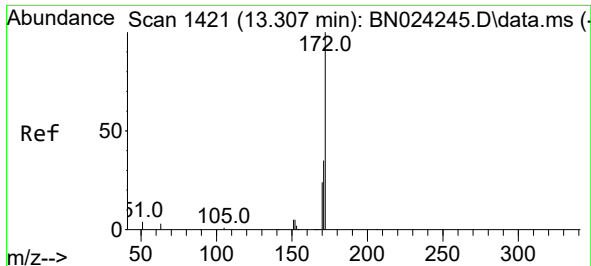
Tgt Ion:164 Resp: 10225
Ion Ratio Lower Upper
164 100
162 105.2 84.7 127.1
160 56.3 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024337.D
Acq: 17 Mar 2023 08:14

Tgt Ion:330 Resp: 1332
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 46.5 30.8 46.2#

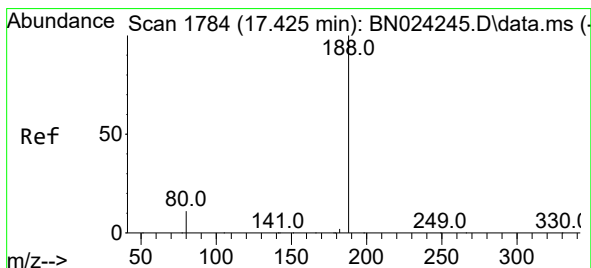
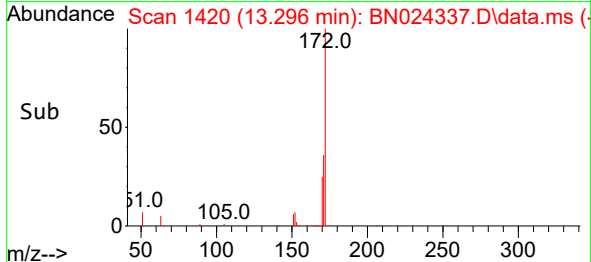
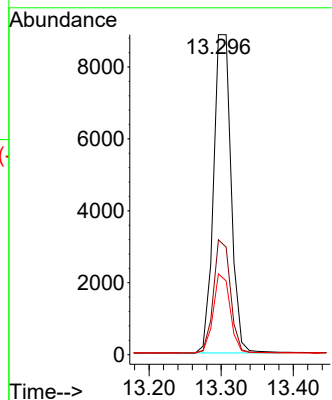
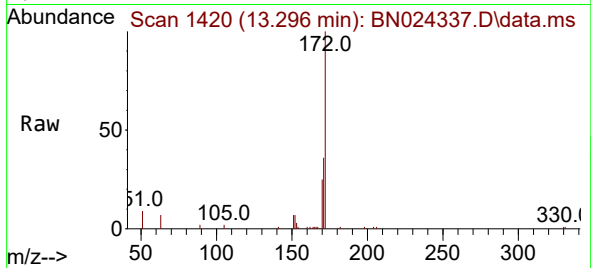




#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.296 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN024337.D
Acq: 17 Mar 2023 08:14

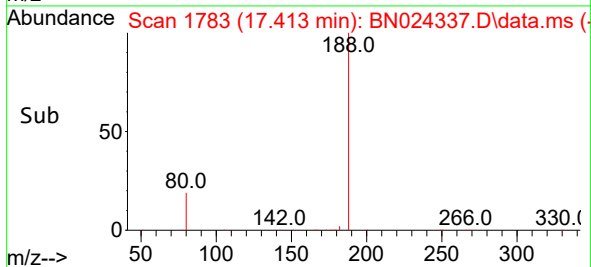
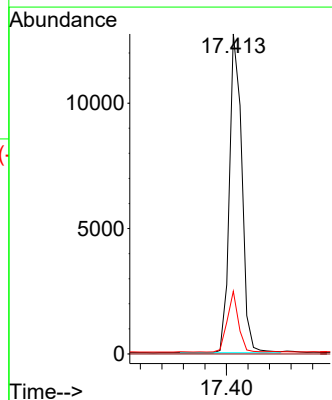
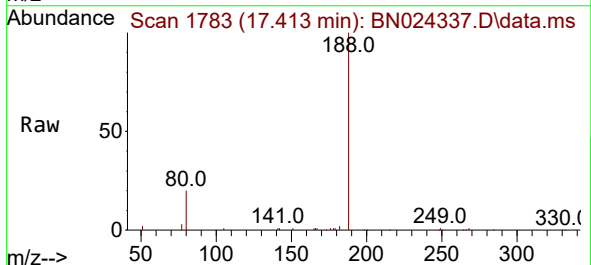
Instrument :
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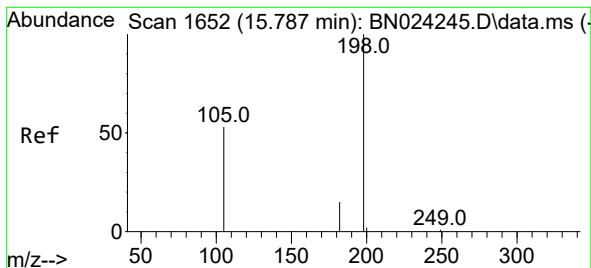
Tgt Ion:172 Resp: 14994
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.8
170 25.2 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024337.D
Acq: 17 Mar 2023 08:14

Tgt Ion:188 Resp: 20370
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 19.6 8.9 13.3#

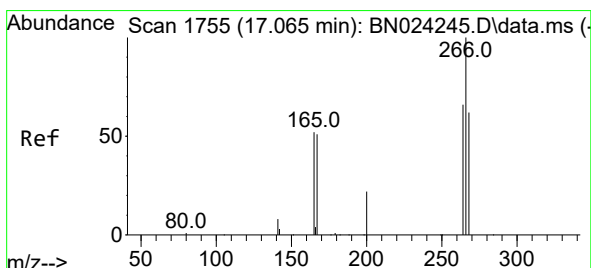
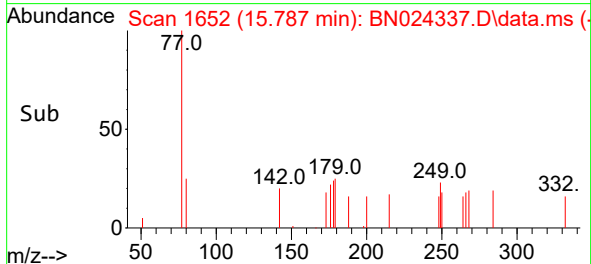
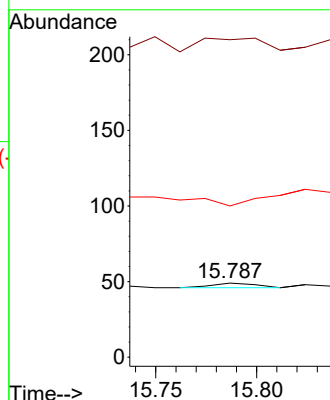
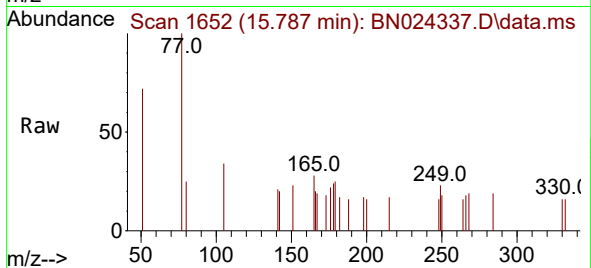




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN024337.D
Acq: 17 Mar 2023 08:14

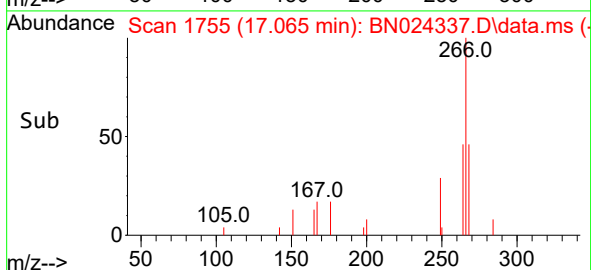
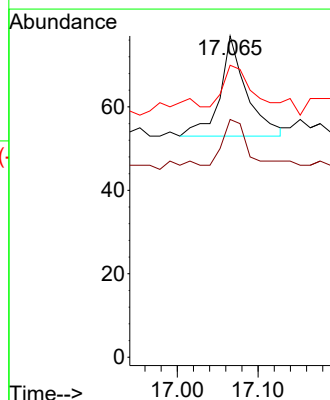
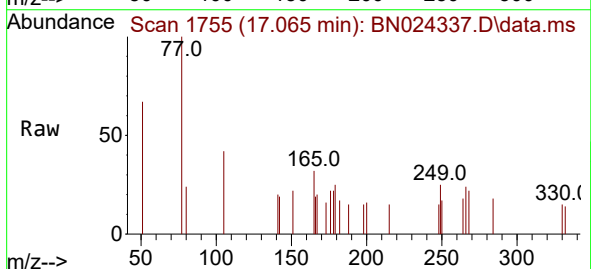
Instrument :
BNA_N
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RE115D2-20230309

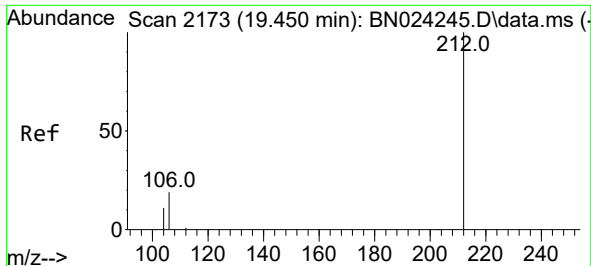
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 428.6 68.2 102.2#
105 204.1 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.135 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024337.D
Acq: 17 Mar 2023 08:14

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
264 41.8 51.1 76.7#
268 65.5 52.2 78.4

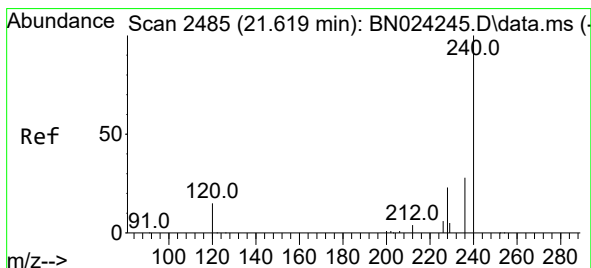
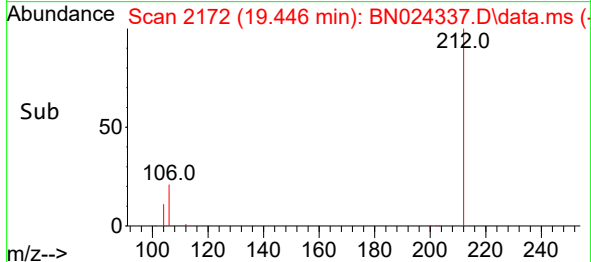
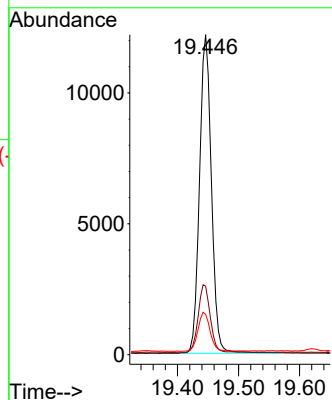
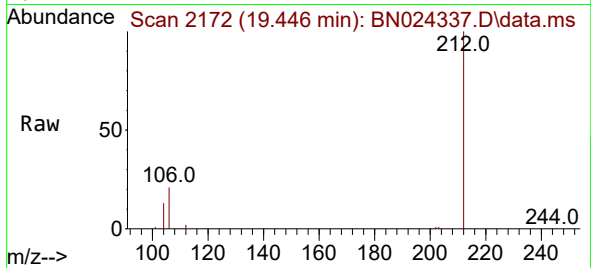




#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024337.D
Acq: 17 Mar 2023 08:14

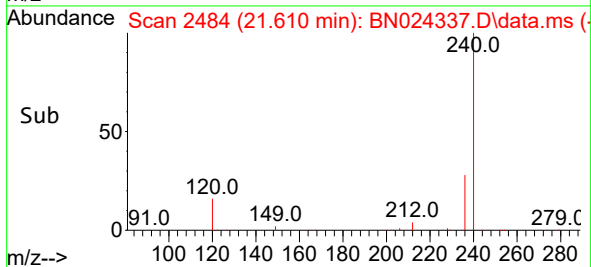
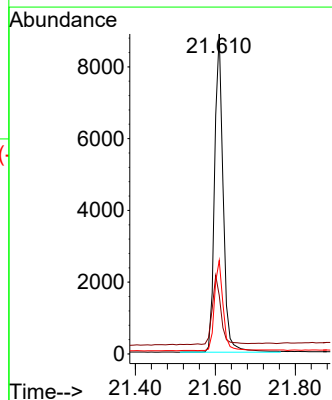
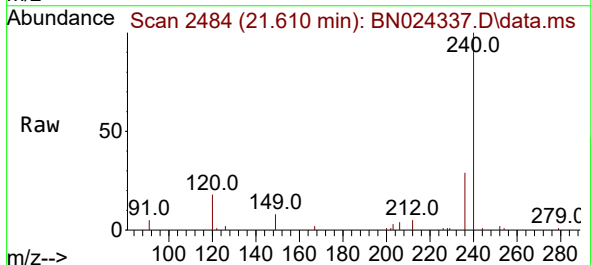
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230309

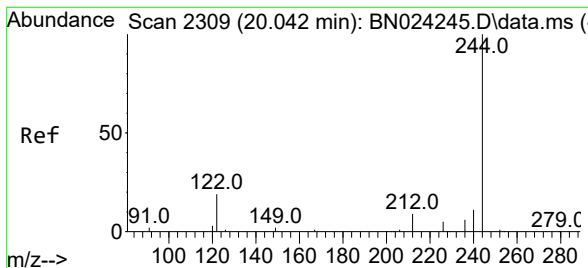
Tgt Ion:212 Resp: 16542
Ion Ratio Lower Upper
212 100
106 21.3 15.4 23.2
104 12.4 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024337.D
Acq: 17 Mar 2023 08:14

Tgt Ion:240 Resp: 13233
Ion Ratio Lower Upper
240 100
120 18.3 12.8 19.2
236 29.2 22.5 33.7





#31

Terphenyl-d14

Concen: 0.482 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024337.D

Acq: 17 Mar 2023 08:14

Instrument :

BNA_N

ClientSampleId :

RE115D2-20230309

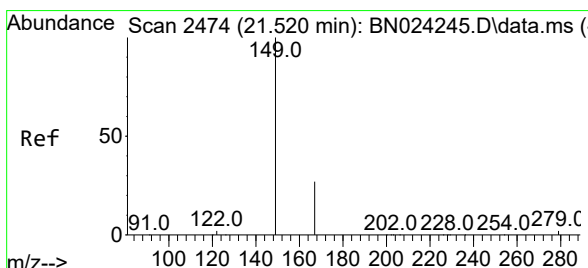
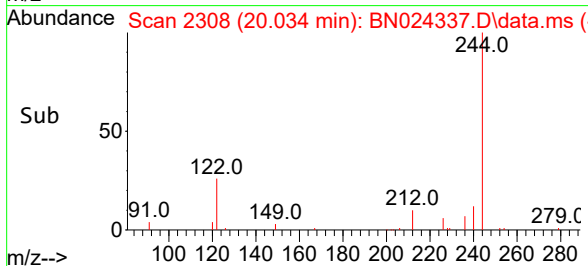
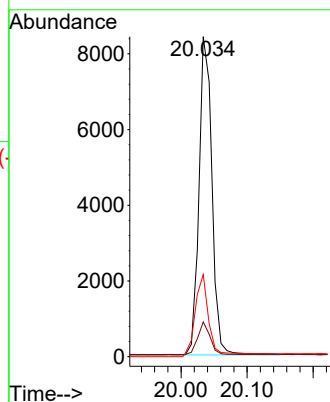
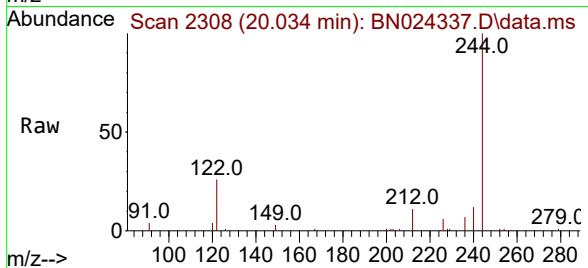
Tgt Ion:244 Resp: 10751

Ion Ratio Lower Upper

244 100

212 10.8 7.6 11.4

122 25.7 15.1 22.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.099 ng

RT: 21.511 min Scan# 2473

Delta R.T. 0.009 min

Lab File: BN024337.D

Acq: 17 Mar 2023 08:14

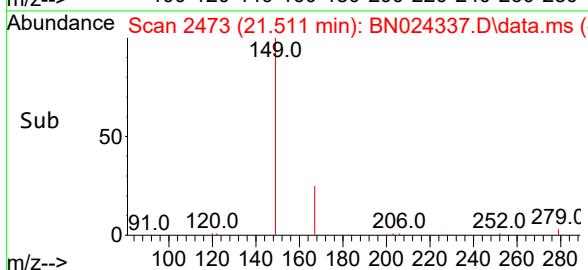
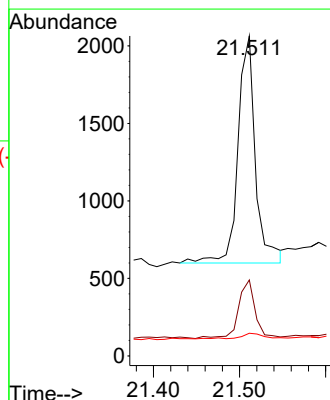
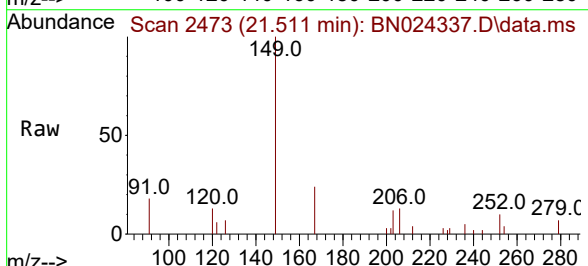
Tgt Ion:149 Resp: 2067

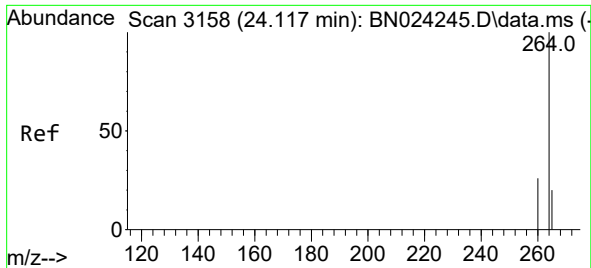
Ion Ratio Lower Upper

149 100

167 25.0 21.2 31.8

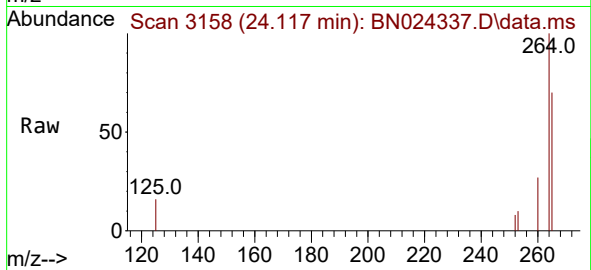
279 3.5 1.8 2.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.117 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN024337.D
 Acq: 17 Mar 2023 08:14

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230309



Tgt Ion:264 Resp: 9743
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 70.3 35.7 53.5#

