

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024345.D
 Acq On : 17 Mar 2023 14:27
 Operator : CG/JU
 Sample : 01880-02DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230309DL

Quant Time: Mar 17 22:42:46 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)

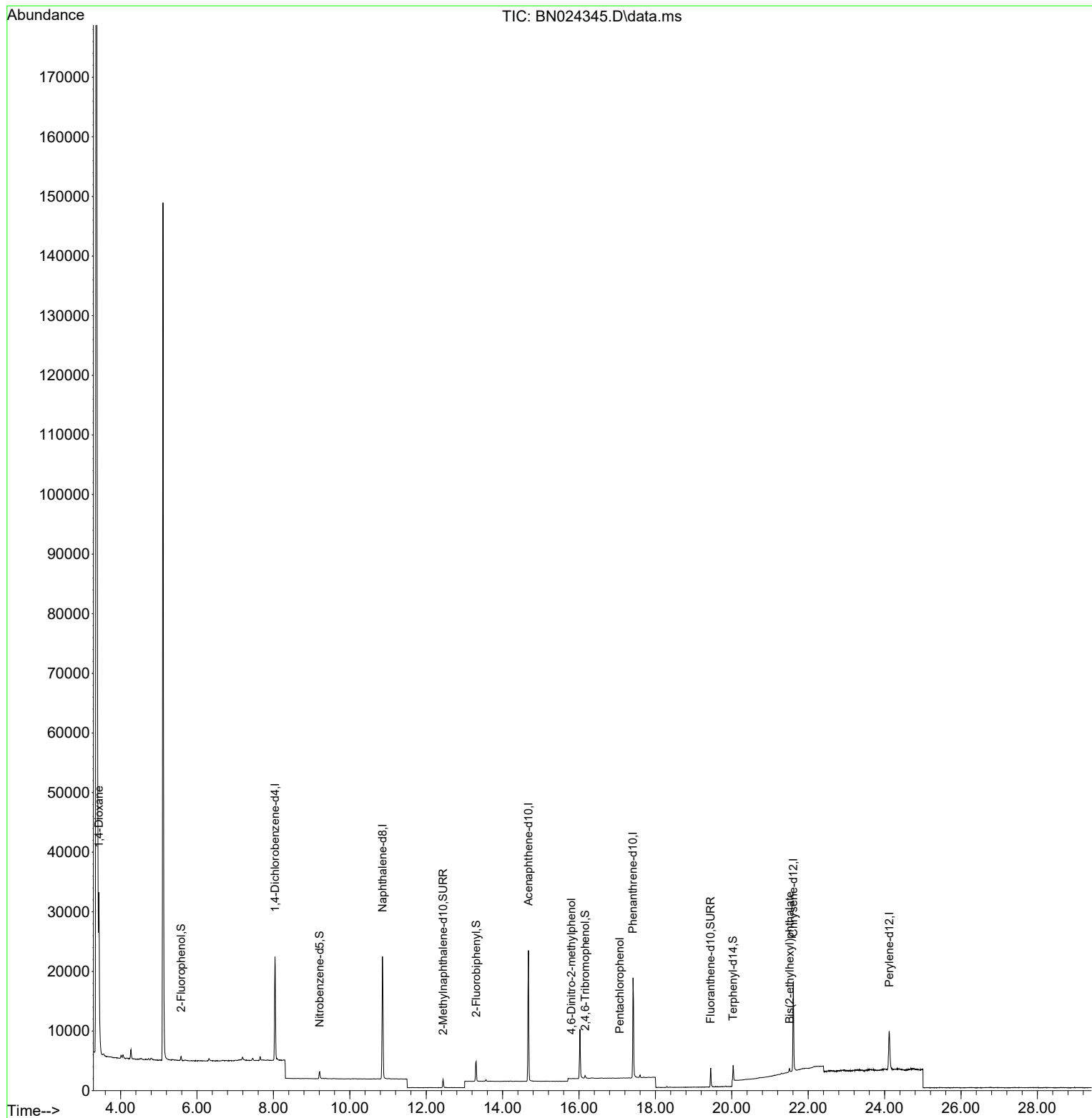
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8705	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	25679	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	11693	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	23459	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	14468	0.400	ng	# 0.00
35) Perylene-d12	24.120	264	10988	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	546	0.028	ng	0.00
5) Phenol-d6	7.195	99	455	0.018	ng	0.00
8) Nitrobenzene-d5	9.211	82	1115	0.065	ng	0.01
11) 2-Methylnaphthalene-d10	12.441	152	1842	0.058	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	283	0.047	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	3101	0.070	ng	0.00
27) Fluoranthene-d10	19.446	212	3288	0.066	ng	0.00
31) Terphenyl-d14	20.034	244	2035	0.083	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	13893	1.467	ng	Qvalue 94
20) 4,6-Dinitro-2-methylph...	15.799	198	2	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	24	0.131	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.511	149	810	0.036	ng	# 93

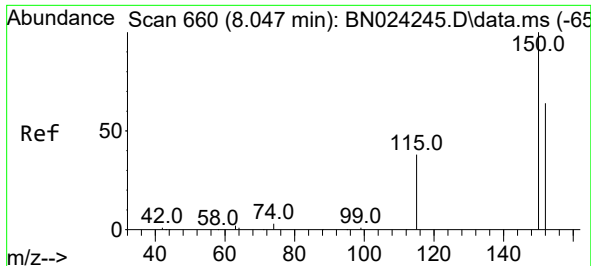
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
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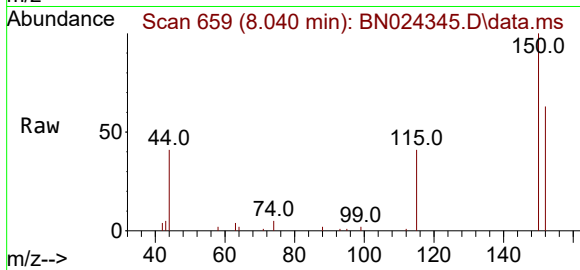
Quant Time: Mar 17 22:42:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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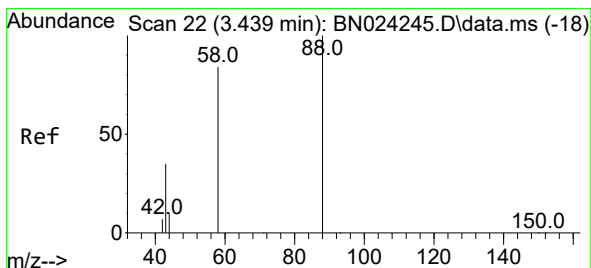
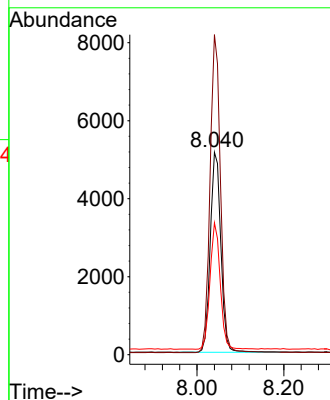
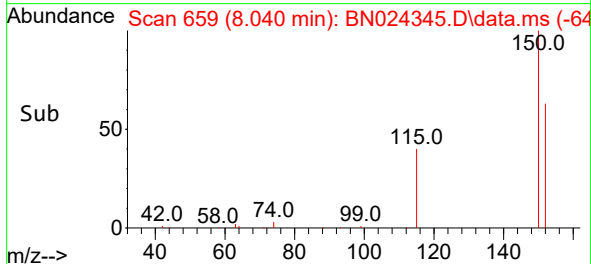


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024345.D
 Acq: 17 Mar 2023 14:27

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230309DL

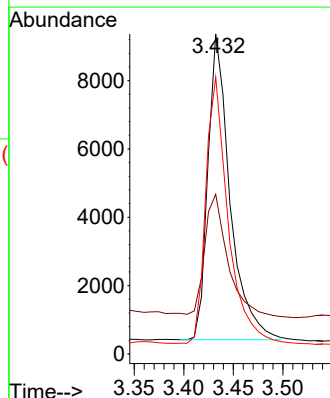
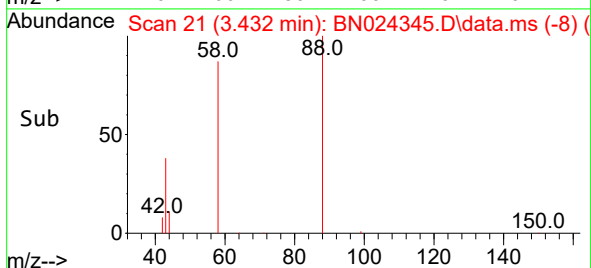
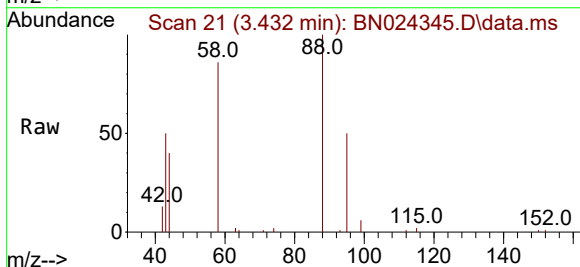


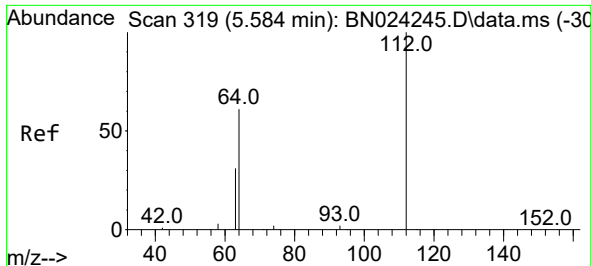
Tgt Ion: 152 Resp: 8705
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.7 187.1
 115 65.1 49.1 73.7



#2
 1,4-Dioxane
 Concen: 1.467 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024345.D
 Acq: 17 Mar 2023 14:27

Tgt Ion: 88 Resp: 13893
 Ion Ratio Lower Upper
 88 100
 43 41.6 29.0 43.4
 58 87.7 67.3 100.9





#4

2-Fluorophenol

Concen: 0.028 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN024345.D

Acq: 17 Mar 2023 14:27

Instrument :

BNA_N

ClientSampleId :

RE115D2-20230309DL

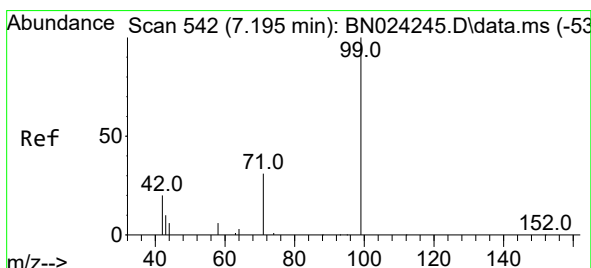
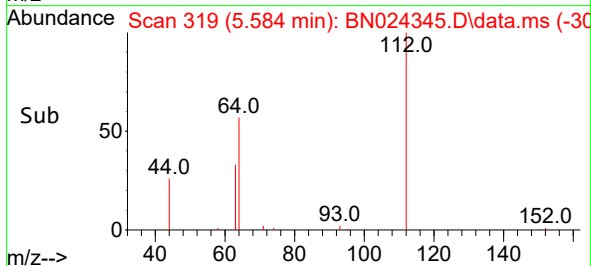
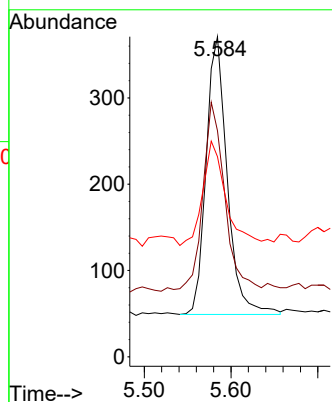
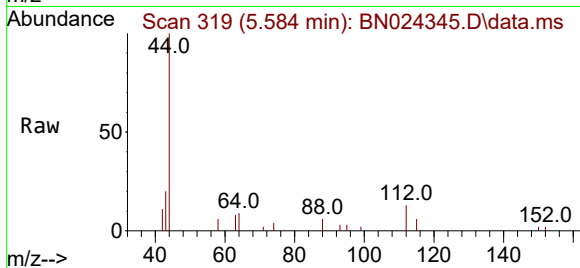
Tgt Ion:112 Resp: 546

Ion Ratio Lower Upper

112 100

64 70.9 49.0 73.6

63 40.5 25.7 38.5#



#5

Phenol-d6

Concen: 0.018 ng

RT: 7.195 min Scan# 542

Delta R.T. 0.007 min

Lab File: BN024345.D

Acq: 17 Mar 2023 14:27

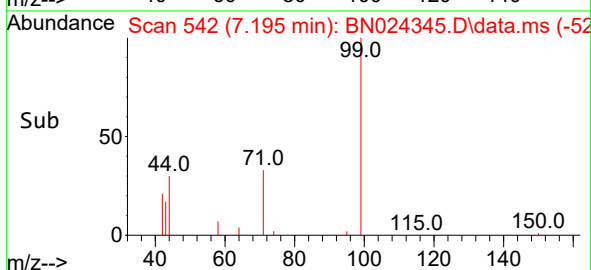
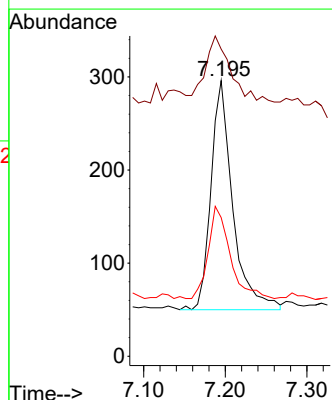
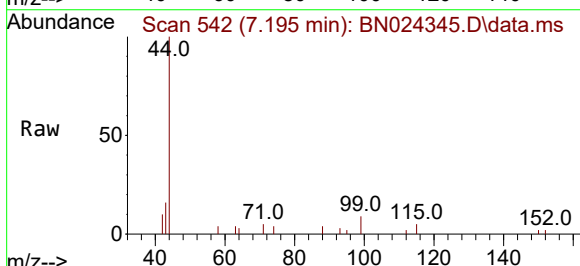
Tgt Ion: 99 Resp: 455

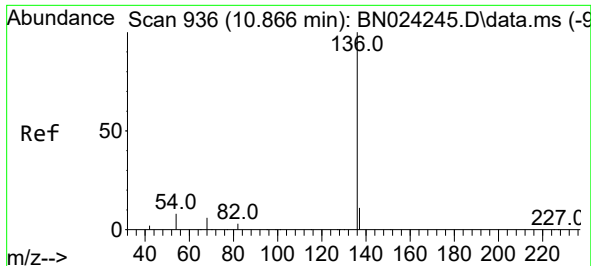
Ion Ratio Lower Upper

99 100

42 33.6 20.1 30.1#

71 41.1 25.8 38.8#

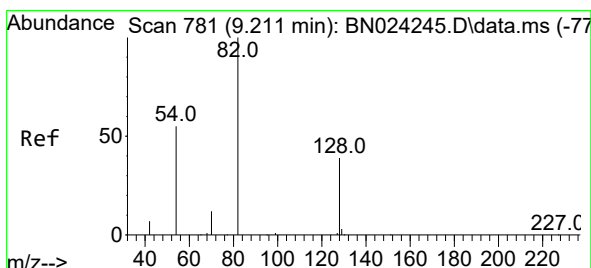
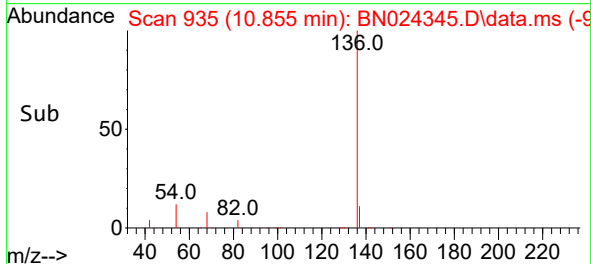
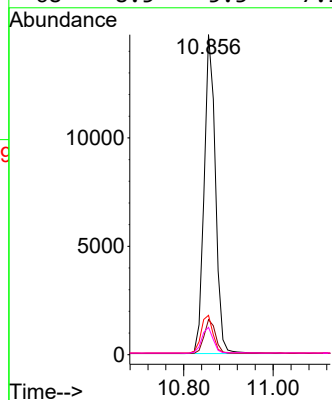
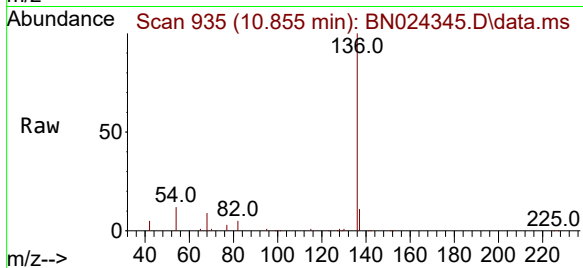




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024345.D
Acq: 17 Mar 2023 14:27

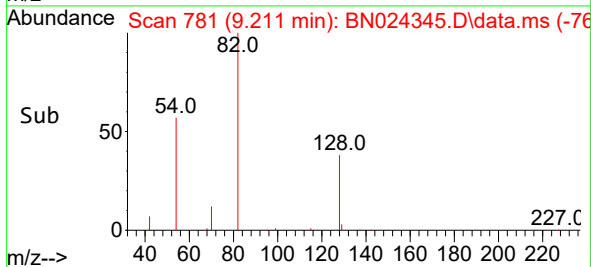
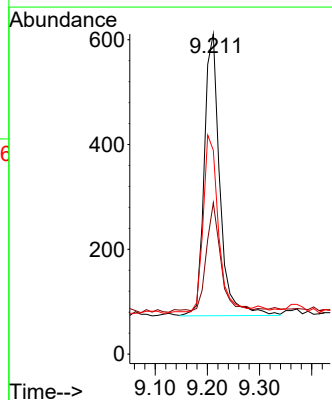
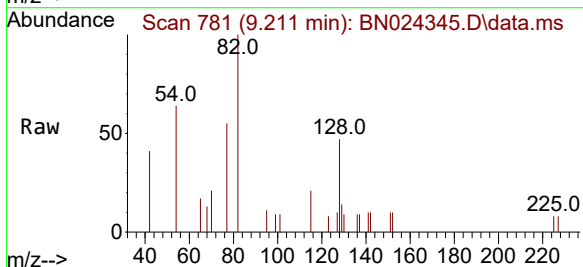
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230309DL

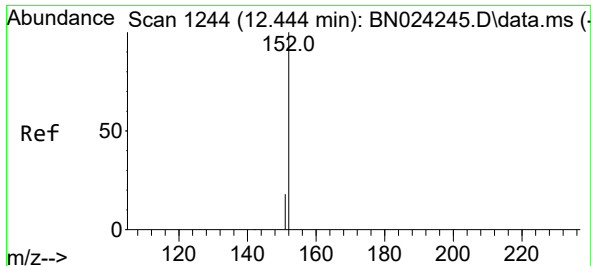
Tgt Ion:	136	Resp:	25679
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	12.3	7.1	10.7#
68	8.5	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.065 ng
RT: 9.211 min Scan# 781
Delta R.T. 0.011 min
Lab File: BN024345.D
Acq: 17 Mar 2023 14:27

Tgt Ion:	82	Resp:	1115
Ion	Ratio	Lower	Upper
82	100		
128	47.3	32.4	48.6
54	63.7	45.2	67.8

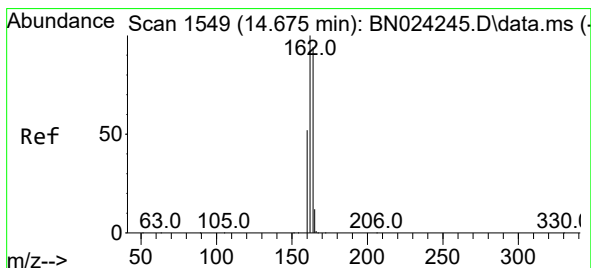
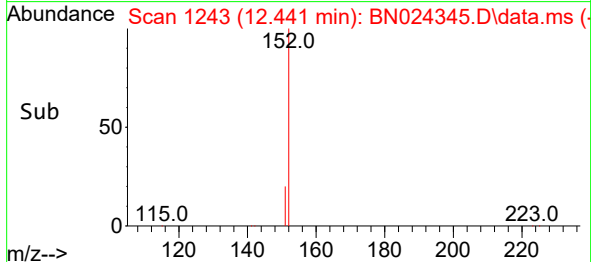
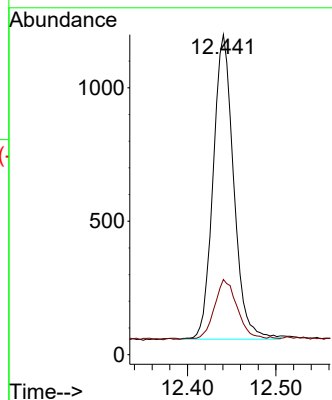
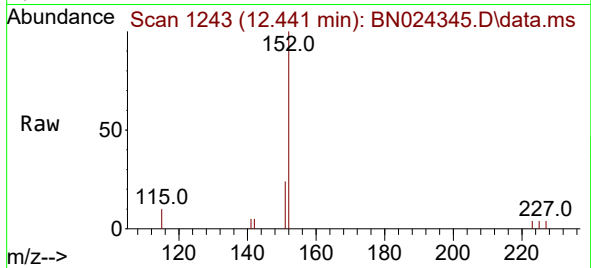




#11
2-Methylnaphthalene-d10
Concen: 0.058 ng
RT: 12.441 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024345.D
Acq: 17 Mar 2023 14:27

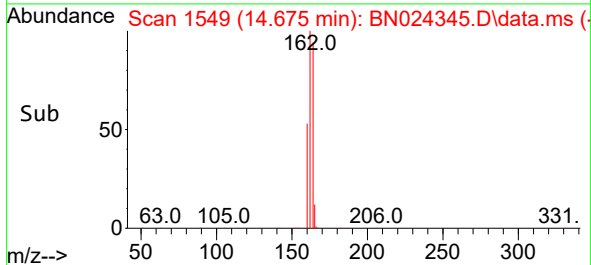
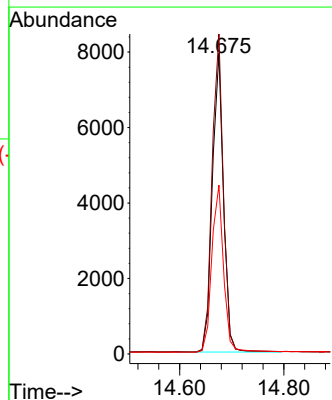
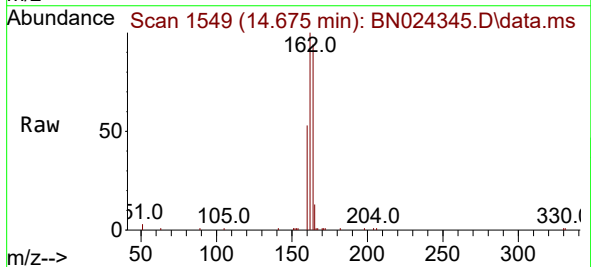
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230309DL

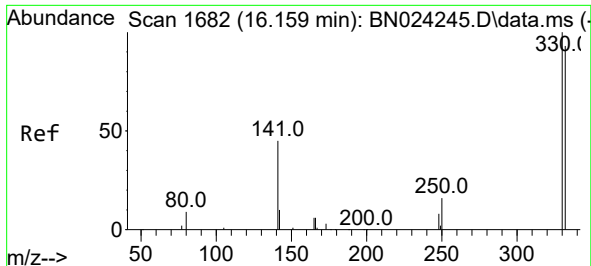
Tgt Ion:152 Resp: 1842
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024345.D
Acq: 17 Mar 2023 14:27

Tgt Ion:164 Resp: 11693
Ion Ratio Lower Upper
164 100
162 106.5 84.7 127.1
160 56.2 44.6 66.8

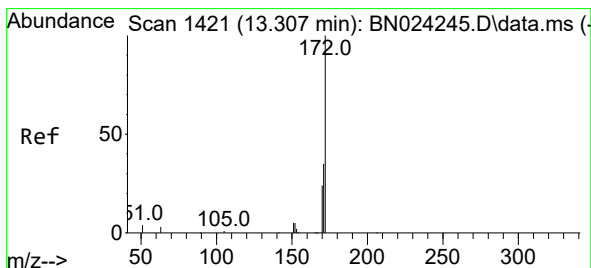
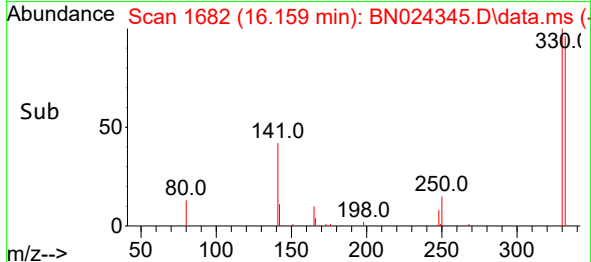
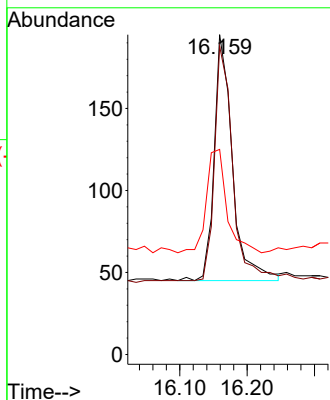
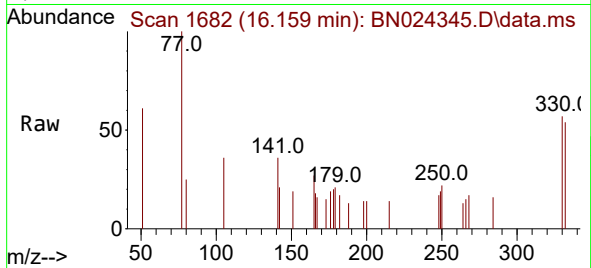




#14
2,4,6-Tribromophenol
Concen: 0.047 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024345.D
Acq: 17 Mar 2023 14:27

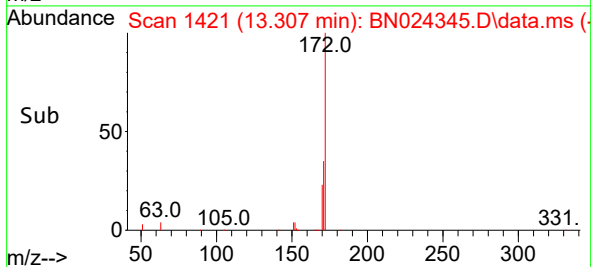
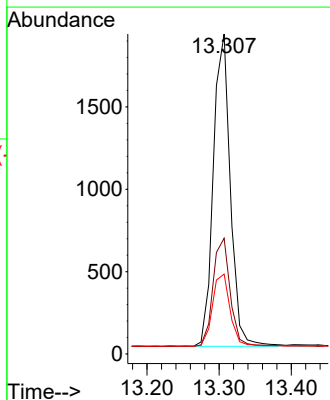
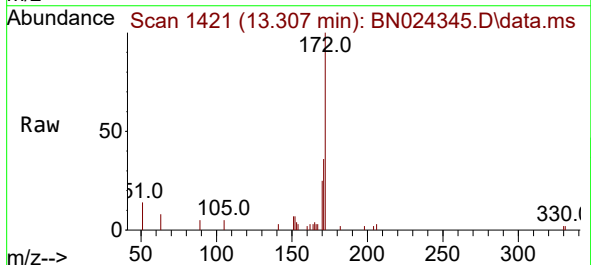
Instrument :
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ClientSampleId :
RE115D2-20230309DL

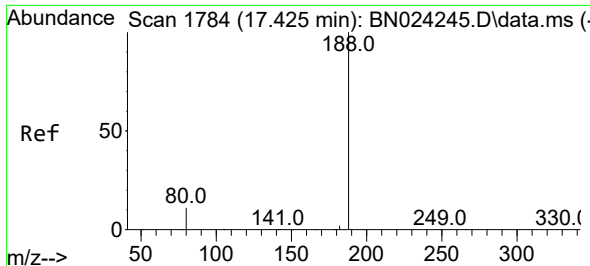
Tgt Ion:330 Resp: 283
Ion Ratio Lower Upper
330 100
332 94.3 78.0 117.0
141 47.0 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.070 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024345.D
Acq: 17 Mar 2023 14:27

Tgt Ion:172 Resp: 3101
Ion Ratio Lower Upper
172 100
171 36.2 27.8 41.8
170 25.0 19.0 28.6

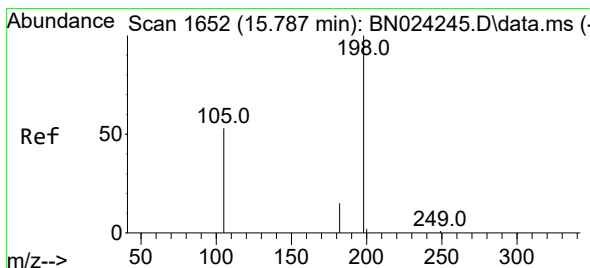
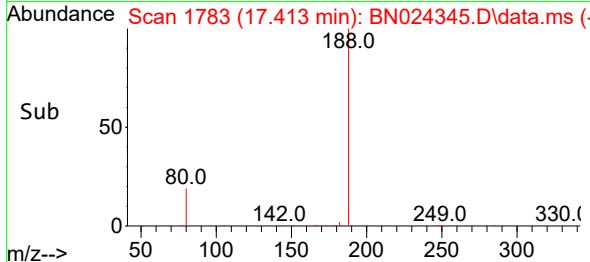
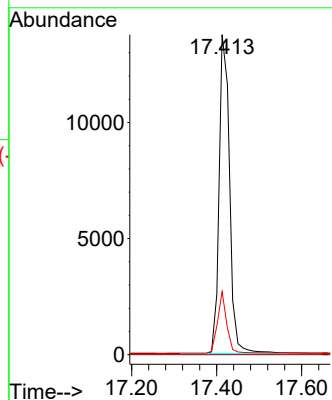
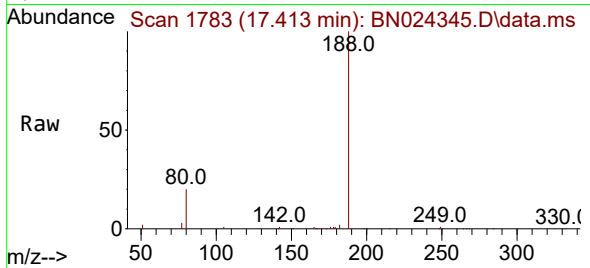




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024345.D
Acq: 17 Mar 2023 14:27

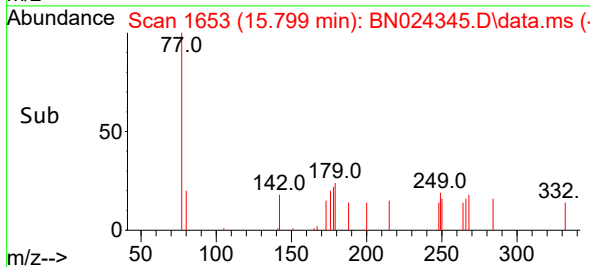
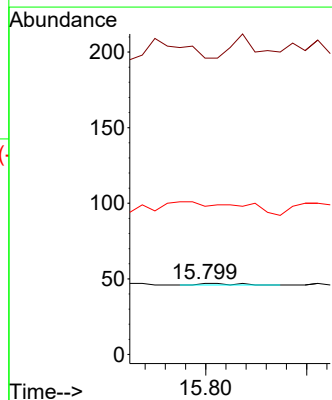
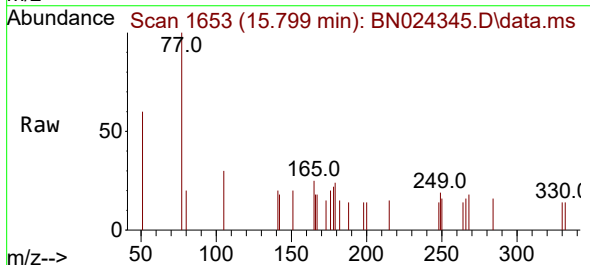
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ClientSampleId :
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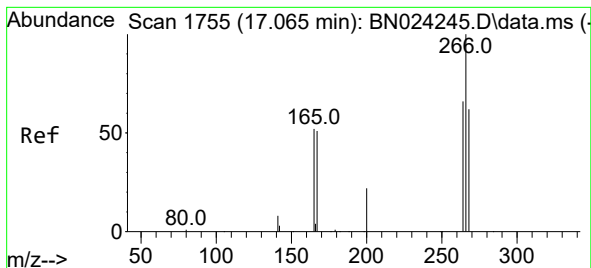
Tgt Ion:188 Resp: 23459
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 19.7 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.799 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BN024345.D
Acq: 17 Mar 2023 14:27

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 417.0 68.2 102.2#
105 208.5 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.131 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024345.D

Acq: 17 Mar 2023 14:27

Instrument :

BNA_N

ClientSampleId :

RE115D2-20230309DL

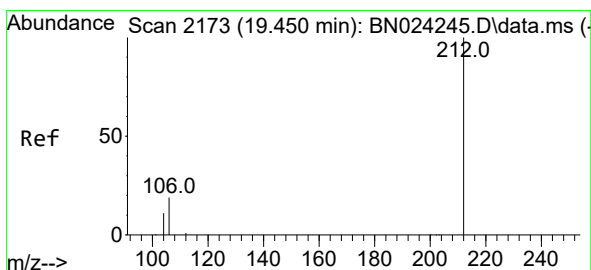
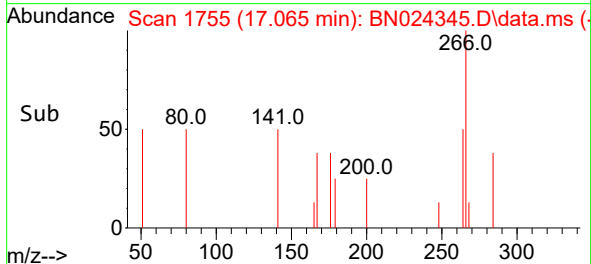
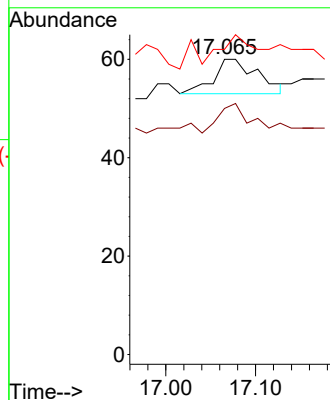
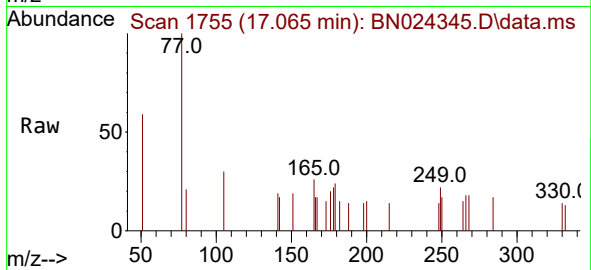
Tgt Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 87.5 51.1 76.7#

268 66.7 52.2 78.4



#27

Fluoranthene-d10

Concen: 0.066 ng

RT: 19.446 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BN024345.D

Acq: 17 Mar 2023 14:27

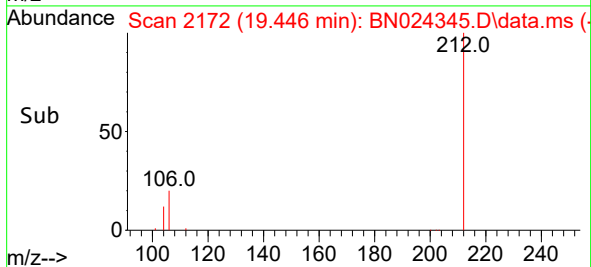
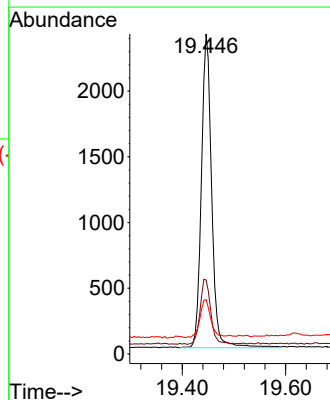
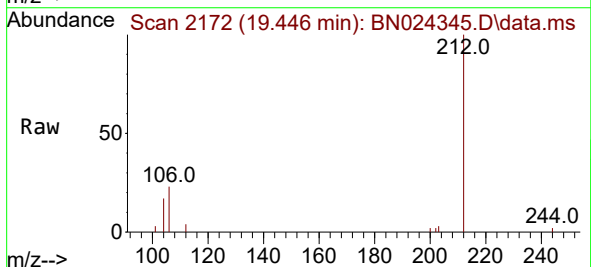
Tgt Ion:212 Resp: 3288

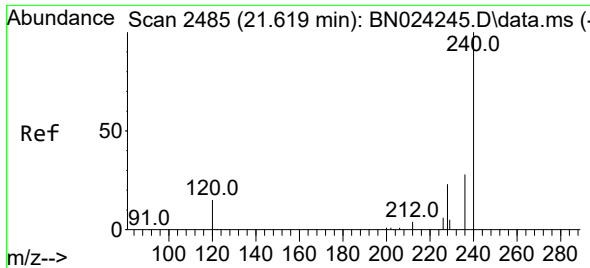
Ion Ratio Lower Upper

212 100

106 21.4 15.4 23.2

104 12.3 8.6 13.0

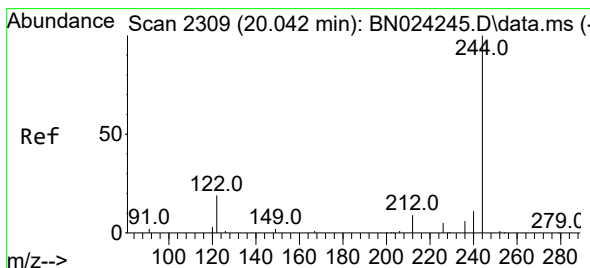
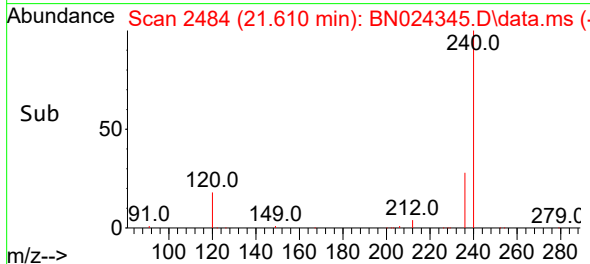
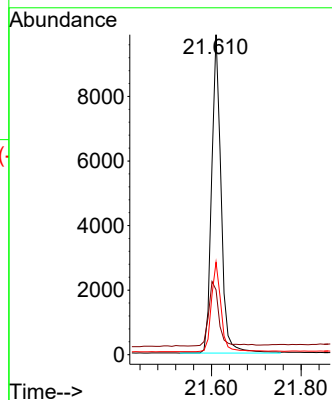
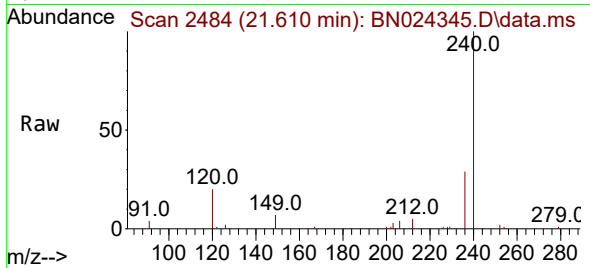




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024345.D
Acq: 17 Mar 2023 14:27

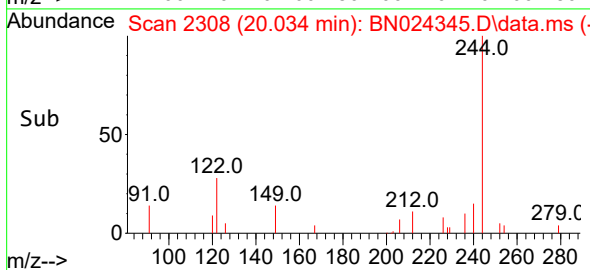
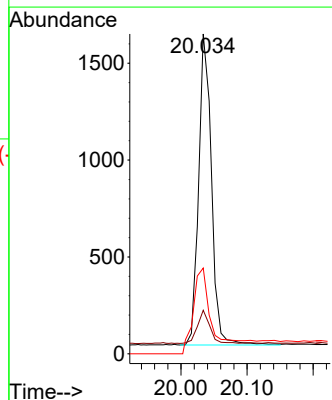
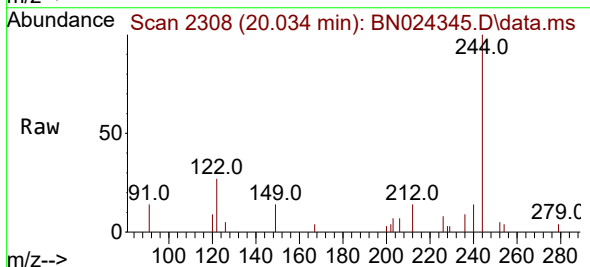
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230309DL

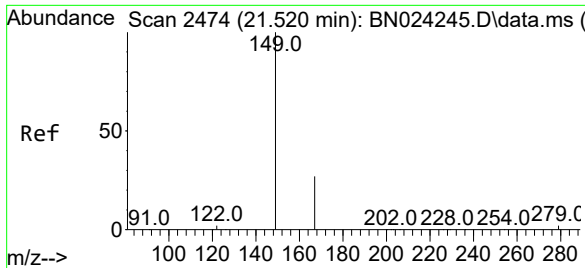
Tgt Ion:240 Resp: 14468
Ion Ratio Lower Upper
240 100
120 20.3 12.8 19.2#
236 28.9 22.5 33.7



#31
Terphenyl-d14
Concen: 0.083 ng
RT: 20.034 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024345.D
Acq: 17 Mar 2023 14:27

Tgt Ion:244 Resp: 2035
Ion Ratio Lower Upper
244 100
212 13.6 7.6 11.4#
122 26.8 15.1 22.7#

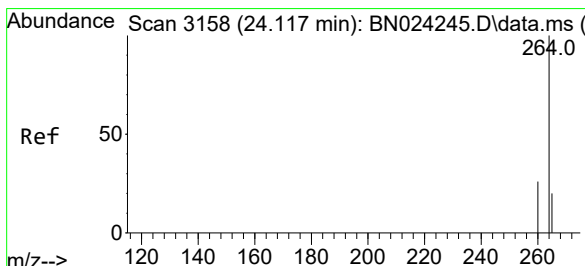
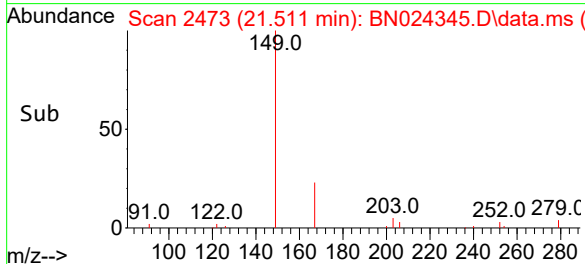
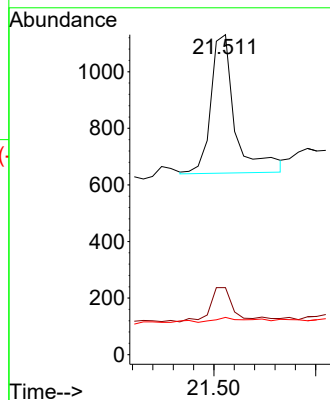
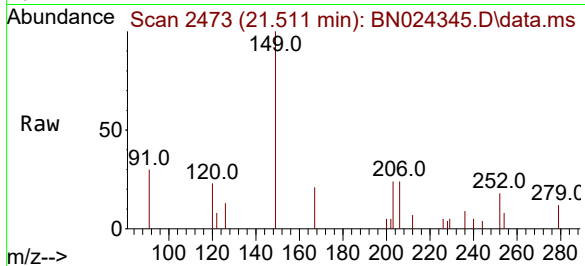




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.036 ng
RT: 21.511 min Scan# 2473
Delta R.T. 0.009 min
Lab File: BN024345.D
Acq: 17 Mar 2023 14:27

Instrument :
BNA_N
ClientSampleId :
RE115D2-20230309DL

Tgt Ion:149 Resp: 810
Ion Ratio Lower Upper
149 100
167 22.6 21.2 31.8
279 3.3 1.8 2.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.120 min Scan# 3159
Delta R.T. 0.006 min
Lab File: BN024345.D
Acq: 17 Mar 2023 14:27

Tgt Ion:264 Resp: 10988
Ion Ratio Lower Upper
264 100
260 27.1 21.4 32.2
265 65.5 35.7 53.5#

