

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024515.D
 Acq On : 23 Mar 2023 17:39
 Operator : CG/JU
 Sample : 01904-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20230313

Quant Time: Mar 24 02:37:37 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 02:34:14 2023
 Response via : Initial Calibration

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

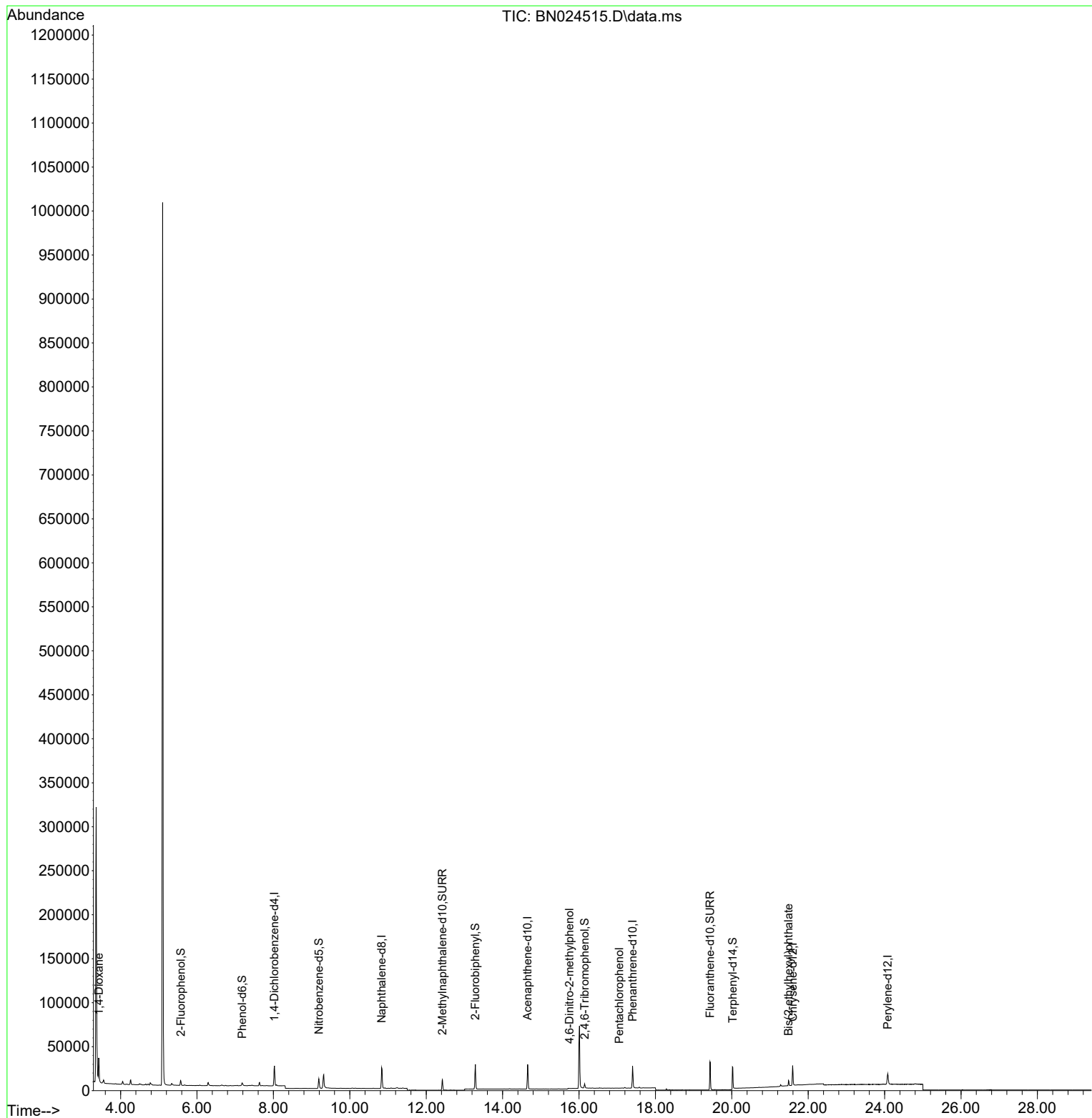
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	11226	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	31617	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	15630	0.400	ng	0.00
19) Phenanthrene-d10	17.401	188	33246	0.400	ng	# 0.00
29) Chrysene-d12	21.592	240	21539	0.400	ng	0.00
35) Perylene-d12	24.079	264	18828	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	4418	0.178	ng	0.00
5) Phenol-d6	7.181	99	3171	0.099	ng	0.00
8) Nitrobenzene-d5	9.190	82	9021	0.427	ng	0.00
11) 2-Methylnaphthalene-d10	12.422	152	15558	0.400	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2905	0.364	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	23285	0.394	ng	0.00
27) Fluoranthene-d10	19.433	212	34036	0.483	ng	0.00
31) Terphenyl-d14	20.025	244	19590	0.539	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	15548	1.273	ng	Qvalue 95
20) 4,6-Dinitro-2-methylph...	15.750	198	7	0.179	ng	# 1
24) Pentachlorophenol	17.053	266	35	0.131	ng	# 55
34) Bis(2-ethylhexyl)phtha...	21.485	149	5958	0.176	ng	# 98

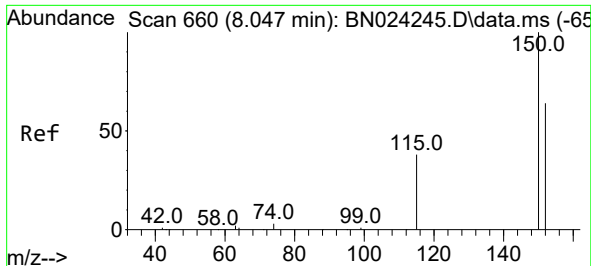
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
Data File : BN024515.D
Acq On : 23 Mar 2023 17:39
Operator : CG/JU
Sample : 01904-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
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RE139D1-20230313

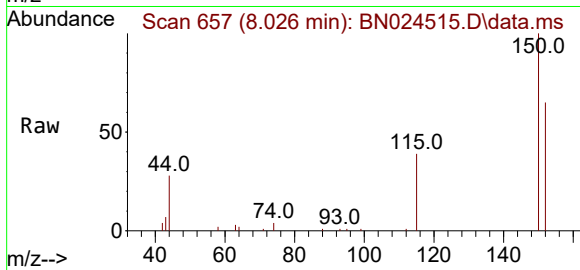
Quant Time: Mar 24 02:37:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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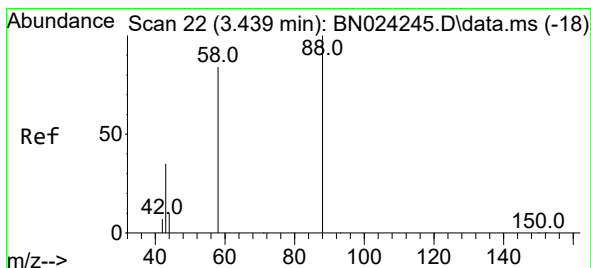
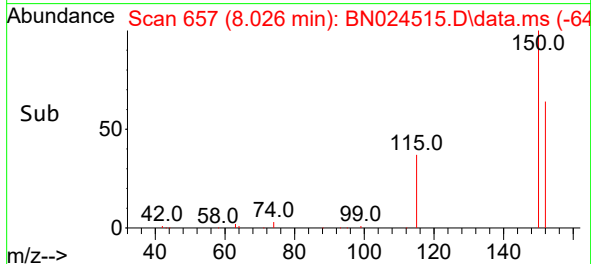
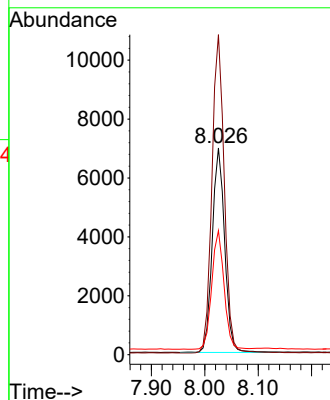


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.026 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024515.D
 Acq: 23 Mar 2023 17:39

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20230313

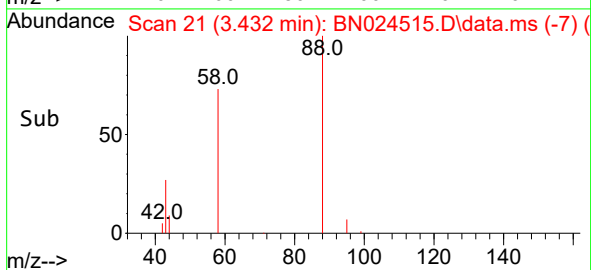
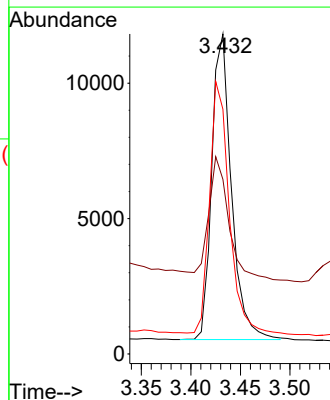
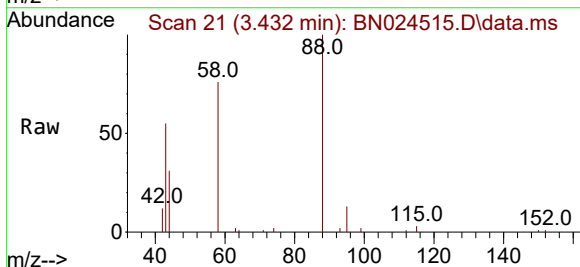


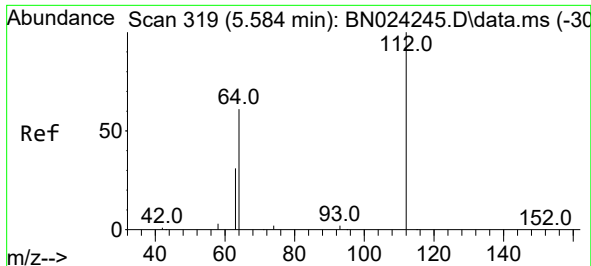
Tgt Ion:152 Resp: 11226
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.7 187.1
 115 60.0 49.1 73.7



#2
 1,4-Dioxane
 Concen: 1.273 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN024515.D
 Acq: 23 Mar 2023 17:39

Tgt Ion: 88 Resp: 15548
 Ion Ratio Lower Upper
 88 100
 43 41.1 29.0 43.4
 58 81.5 67.3 100.9





#4

2-Fluorophenol

Concen: 0.178 ng

RT: 5.577 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN024515.D

Acq: 23 Mar 2023 17:39

Instrument :

BNA_N

ClientSampleId :

RE139D1-20230313

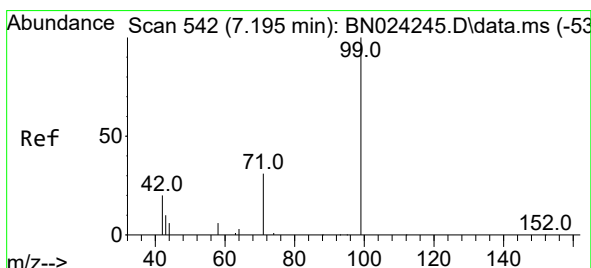
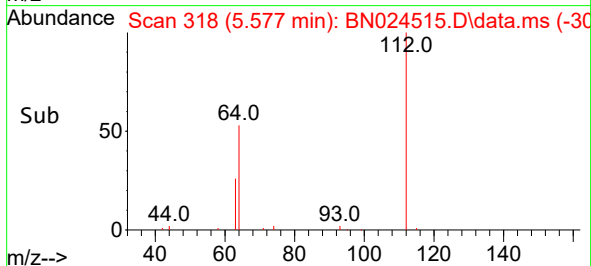
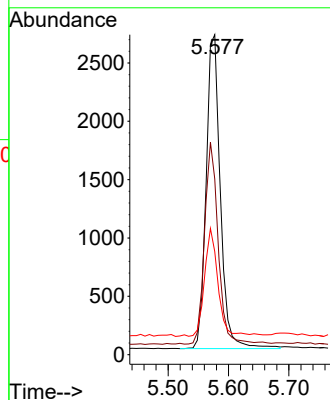
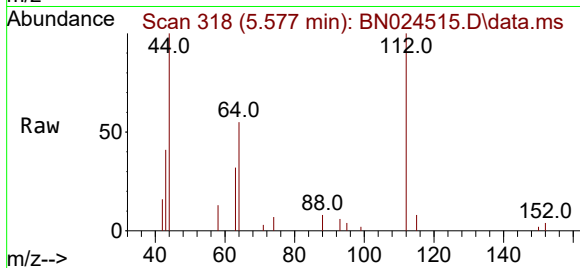
Tgt Ion:112 Resp: 4418

Ion Ratio Lower Upper

112 100

64 61.7 49.0 73.6

63 31.8 25.7 38.5



#5

Phenol-d6

Concen: 0.099 ng

RT: 7.181 min Scan# 540

Delta R.T. -0.000 min

Lab File: BN024515.D

Acq: 23 Mar 2023 17:39

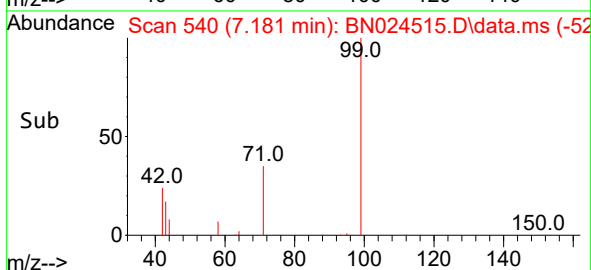
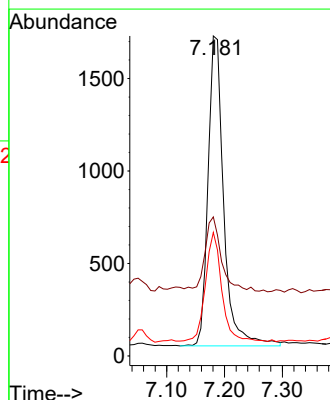
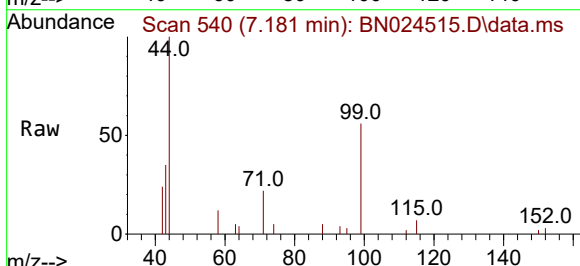
Tgt Ion: 99 Resp: 3171

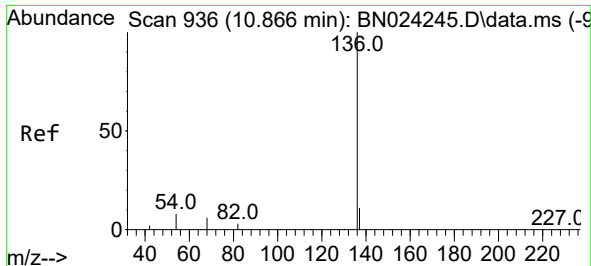
Ion Ratio Lower Upper

99 100

42 24.8 20.1 30.1

71 36.2 25.8 38.8

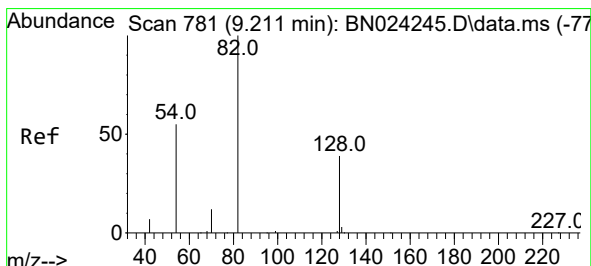
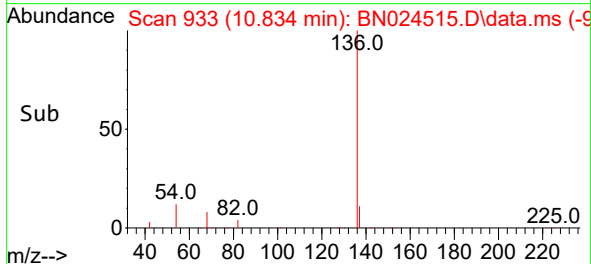
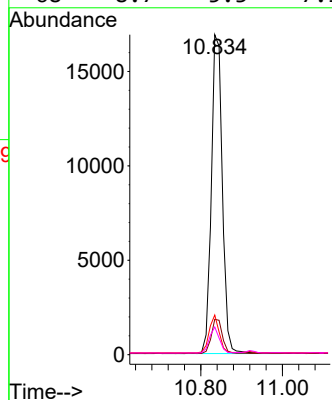
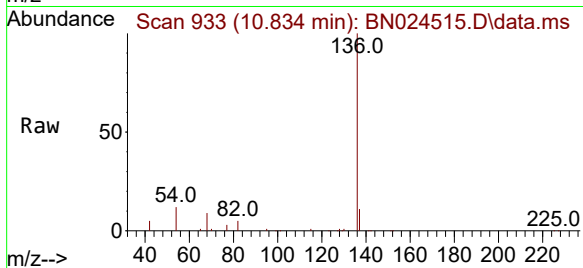




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN024515.D
Acq: 23 Mar 2023 17:39

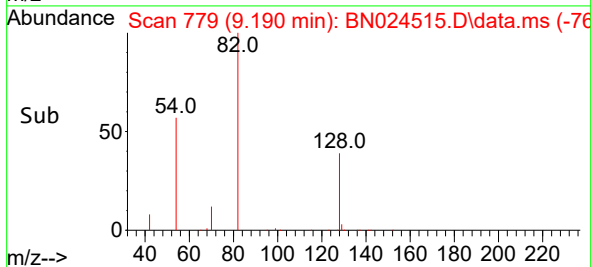
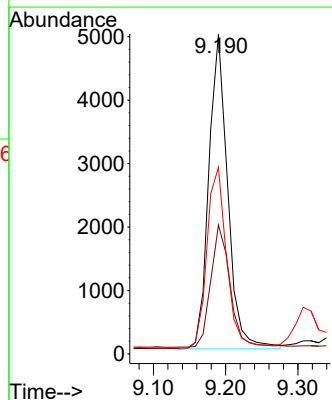
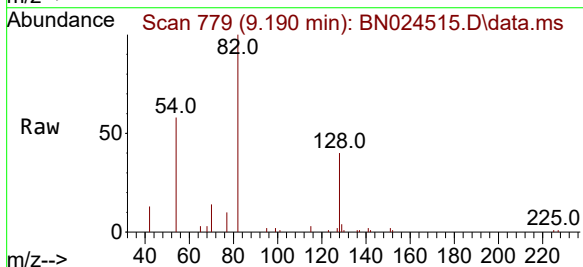
Instrument :
BNA_N
ClientSampleId :
RE139D1-20230313

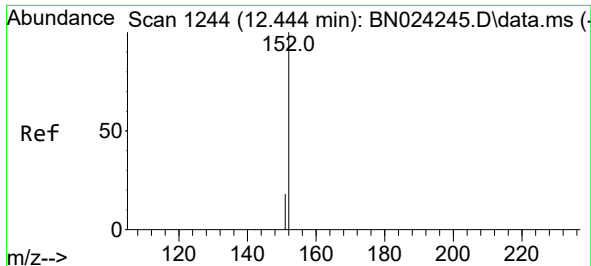
Tgt Ion:	136	Resp:	31617
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	12.4	7.1	10.7#
68	8.7	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 9.190 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN024515.D
Acq: 23 Mar 2023 17:39

Tgt Ion:	82	Resp:	9021
Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.4	48.6
54	58.4	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 12.422 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN024515.D

Acq: 23 Mar 2023 17:39

Instrument :

BNA_N

ClientSampleId :

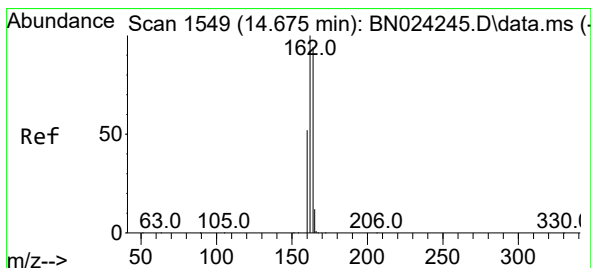
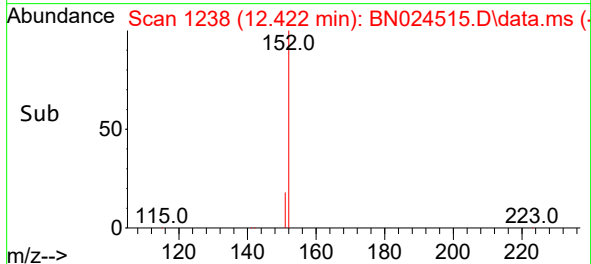
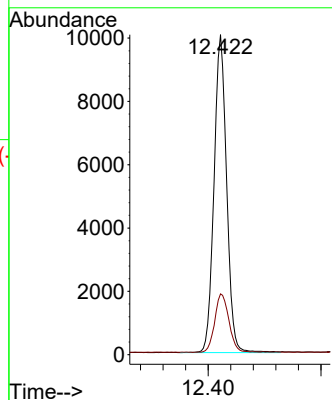
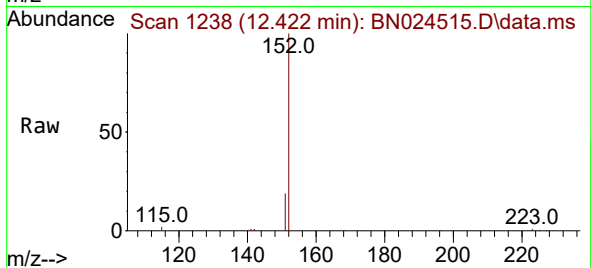
RE139D1-20230313

Tgt Ion:152 Resp: 15558

Ion Ratio Lower Upper

152 100

151 20.7 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: BN024515.D

Acq: 23 Mar 2023 17:39

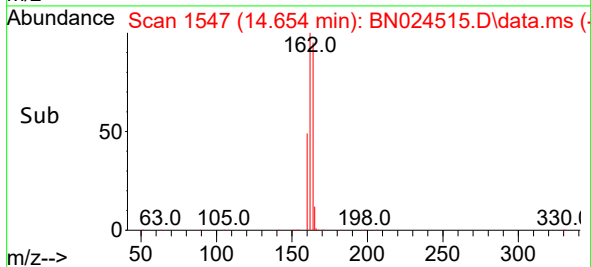
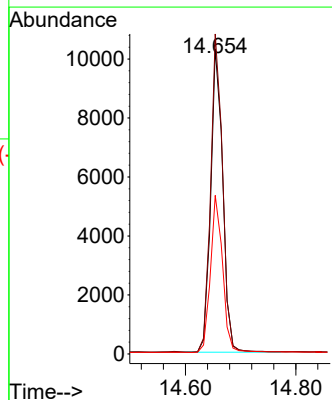
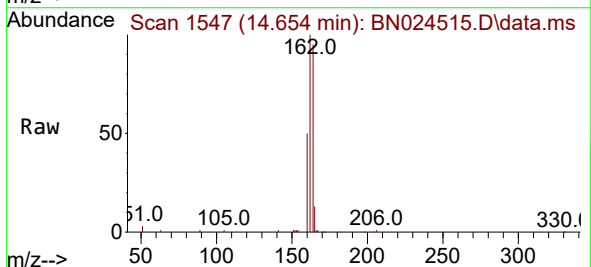
Tgt Ion:164 Resp: 15630

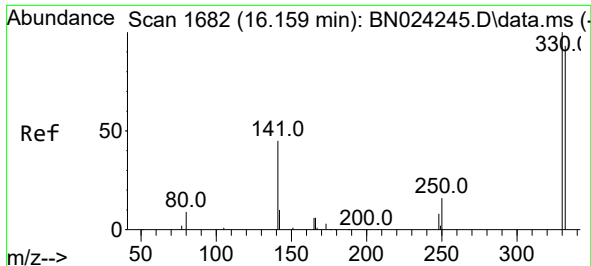
Ion Ratio Lower Upper

164 100

162 104.9 84.7 127.1

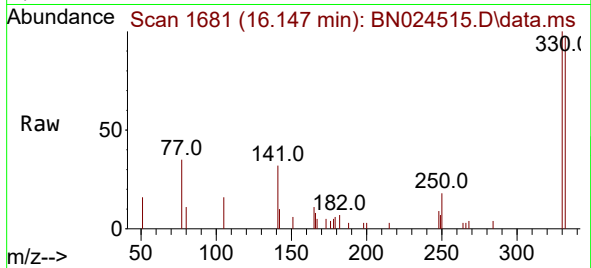
160 52.0 44.6 66.8



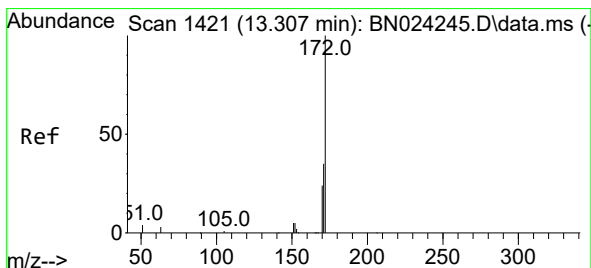
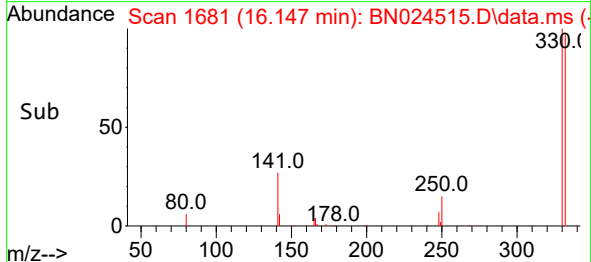
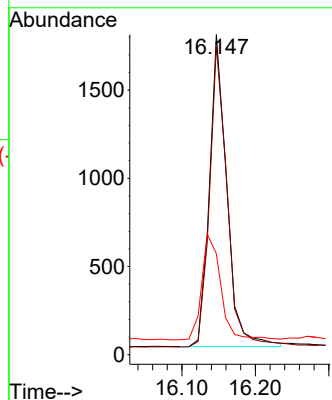


#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 16.147 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN024515.D
Acq: 23 Mar 2023 17:39

Instrument :
BNA_N
ClientSampleId :
RE139D1-20230313

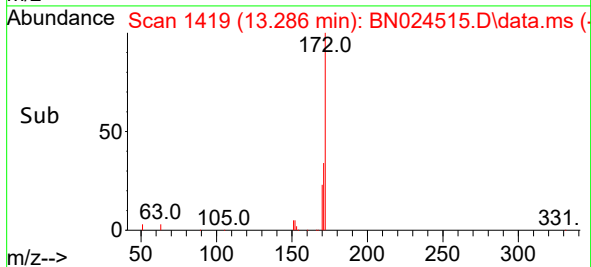
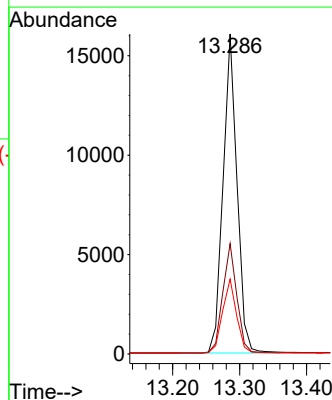
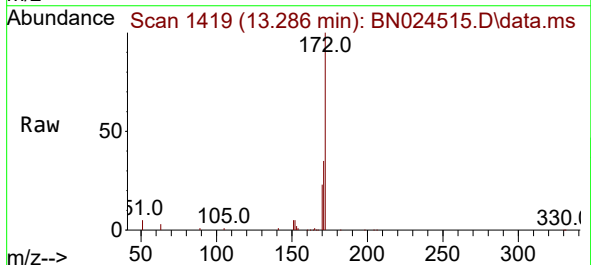


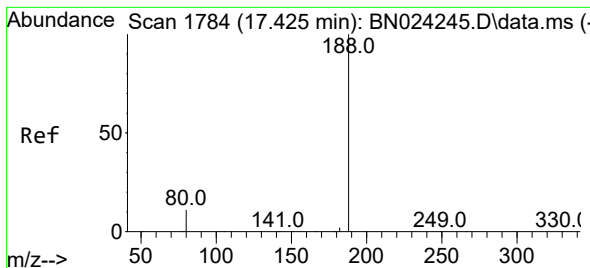
Tgt Ion:330 Resp: 2905
Ion Ratio Lower Upper
330 100
332 97.9 78.0 117.0
141 36.9 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.286 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN024515.D
Acq: 23 Mar 2023 17:39

Tgt Ion:172 Resp: 23285
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.4 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.401 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024515.D

Acq: 23 Mar 2023 17:39

Instrument :

BNA_N

ClientSampleId :

RE139D1-20230313

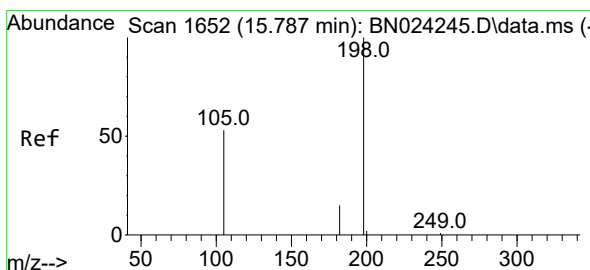
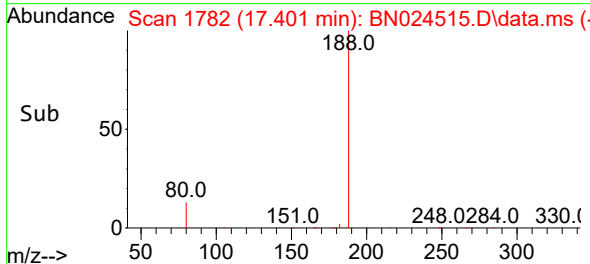
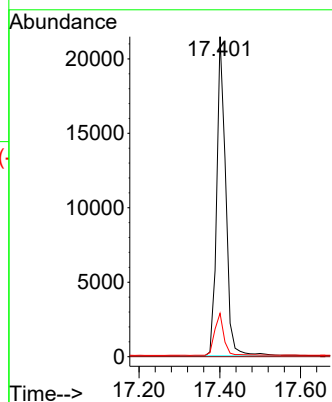
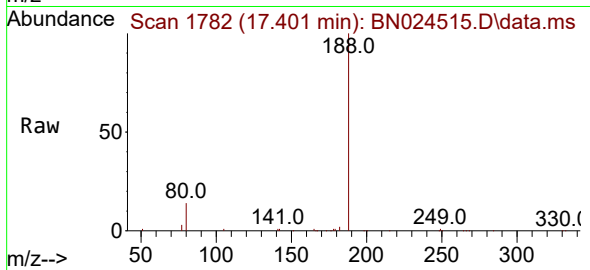
Tgt Ion:188 Resp: 33246

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: 0.179 ng

RT: 15.750 min Scan# 1649

Delta R.T. -0.025 min

Lab File: BN024515.D

Acq: 23 Mar 2023 17:39

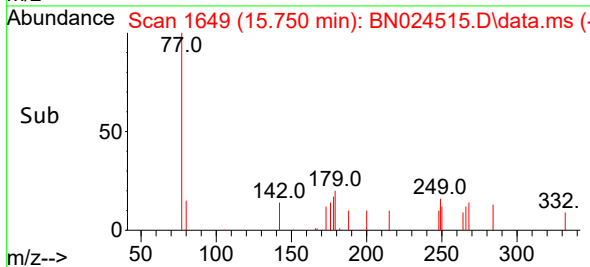
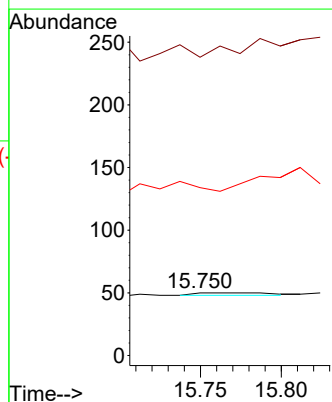
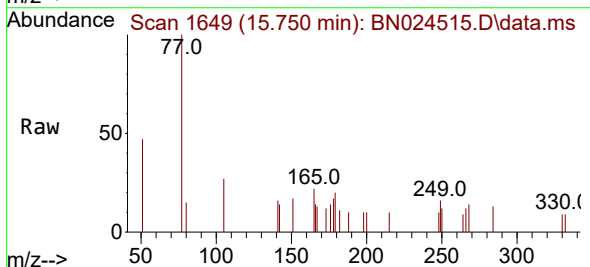
Tgt Ion:198 Resp: 7

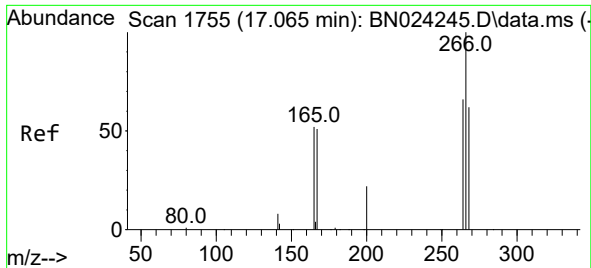
Ion Ratio Lower Upper

198 100

51 476.0 68.2 102.2#

105 268.0 51.6 77.4#

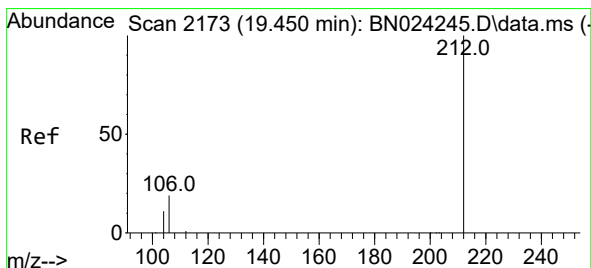
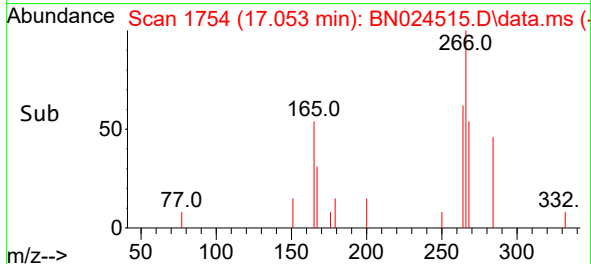
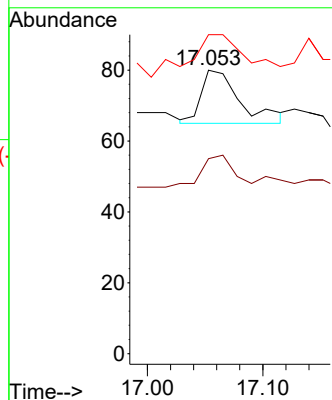
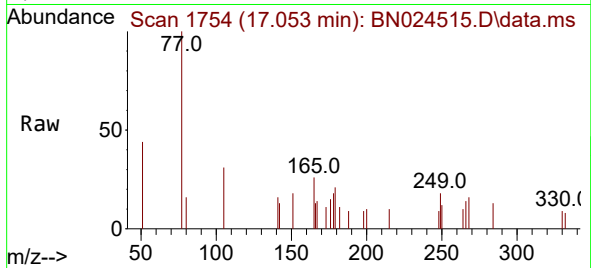




#24
Pentachlorophenol
Concen: 0.131 ng
RT: 17.053 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024515.D
Acq: 23 Mar 2023 17:39

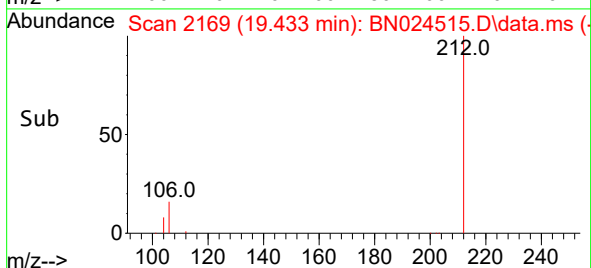
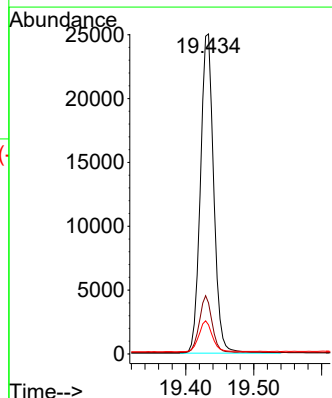
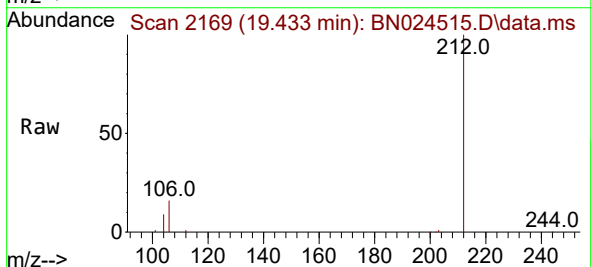
Instrument :
BNA_N
ClientSampleId :
RE139D1-20230313

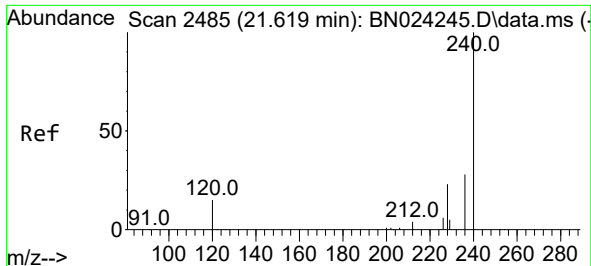
Tgt Ion:266 Resp: 35
Ion Ratio Lower Upper
266 100
264 48.6 51.1 76.7#
268 120.0 52.2 78.4#



#27
Fluoranthene-d10
Concen: 0.483 ng
RT: 19.433 min Scan# 2169
Delta R.T. 0.004 min
Lab File: BN024515.D
Acq: 23 Mar 2023 17:39

Tgt Ion:212 Resp: 34036
Ion Ratio Lower Upper
212 100
106 17.0 15.4 23.2
104 9.8 8.6 13.0

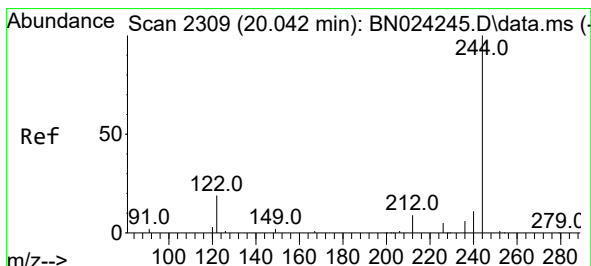
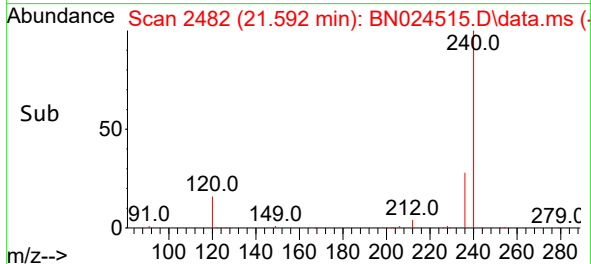
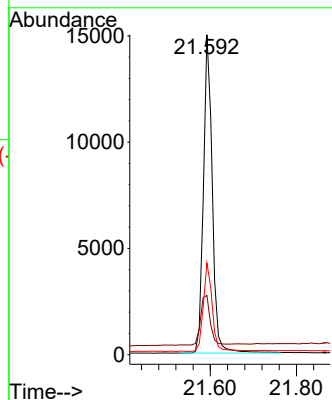
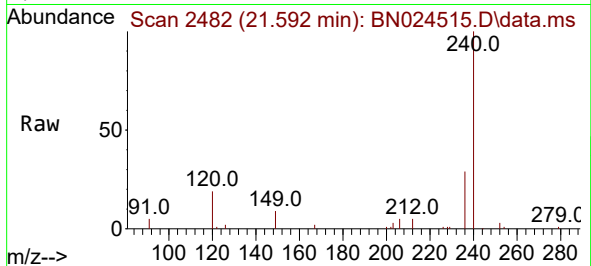




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.592 min Scan# 2482
Delta R.T. -0.009 min
Lab File: BN024515.D
Acq: 23 Mar 2023 17:39

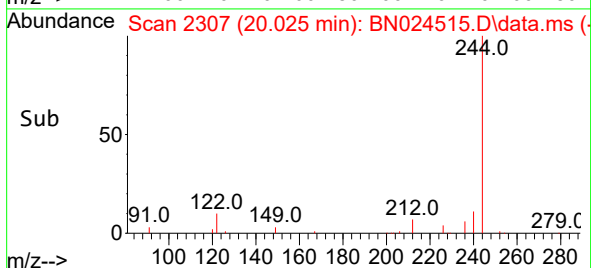
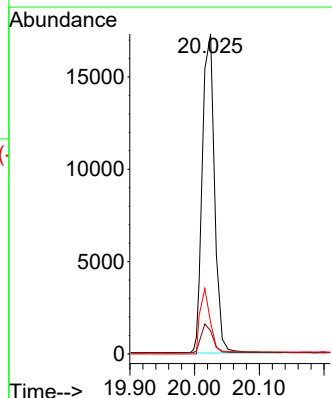
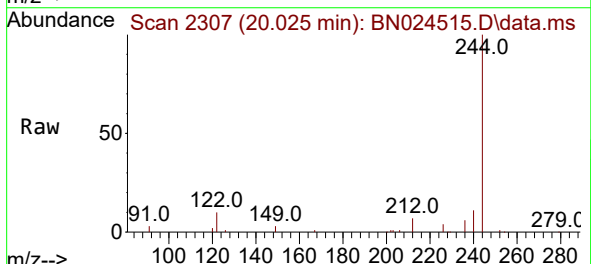
Instrument :
BNA_N
ClientSampleId :
RE139D1-20230313

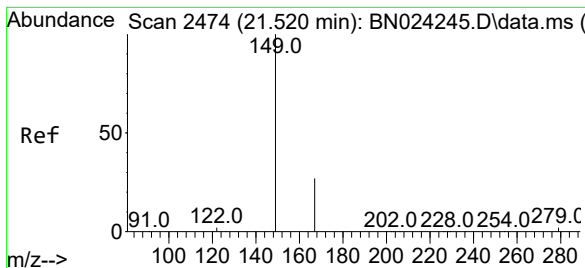
Tgt Ion:240 Resp: 21539
Ion Ratio Lower Upper
240 100
120 18.5 12.8 19.2
236 28.7 22.5 33.7



#31
Terphenyl-d14
Concen: 0.539 ng
RT: 20.025 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BN024515.D
Acq: 23 Mar 2023 17:39

Tgt Ion:244 Resp: 19590
Ion Ratio Lower Upper
244 100
212 7.3 7.6 11.4#
122 9.9 15.1 22.7#

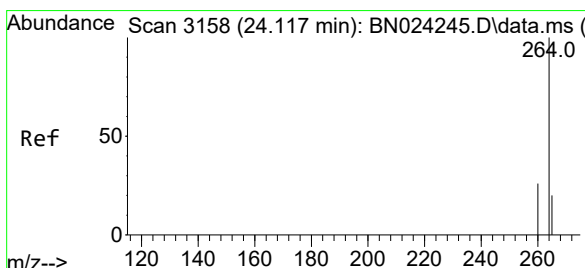
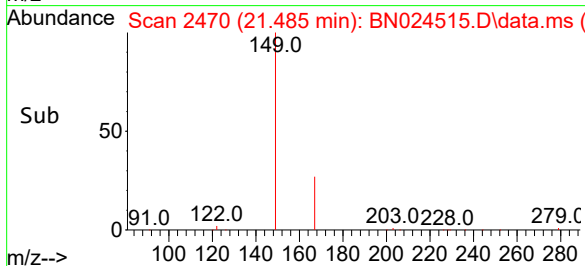
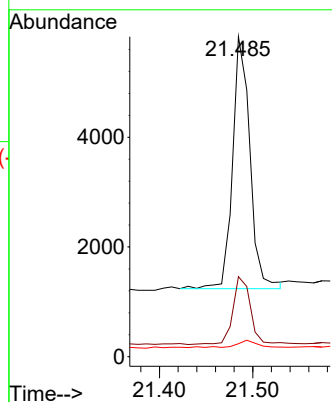
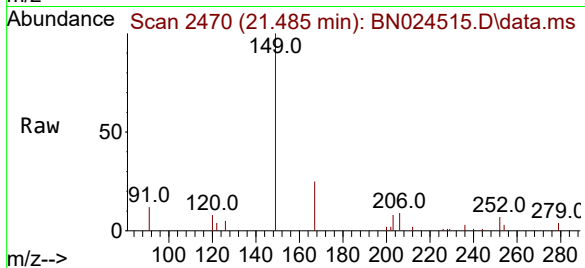




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.176 ng
 RT: 21.485 min Scan# 2470
 Delta R.T. -0.009 min
 Lab File: BN024515.D
 Acq: 23 Mar 2023 17:39

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20230313

Tgt Ion:149 Resp: 5958
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.2 31.8
 279 3.6 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.079 min Scan# 3145
 Delta R.T. -0.003 min
 Lab File: BN024515.D
 Acq: 23 Mar 2023 17:39

Tgt Ion:264 Resp: 18828
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.4 32.2
 265 75.9 35.7 53.5#

