

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032423\
 Data File : BN024542.D
 Acq On : 24 Mar 2023 12:01
 Operator : CG/JU
 Sample : 01941-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20230314

Quant Time: Mar 25 00:24:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 00:22:43 2023
 Response via : Initial Calibration

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

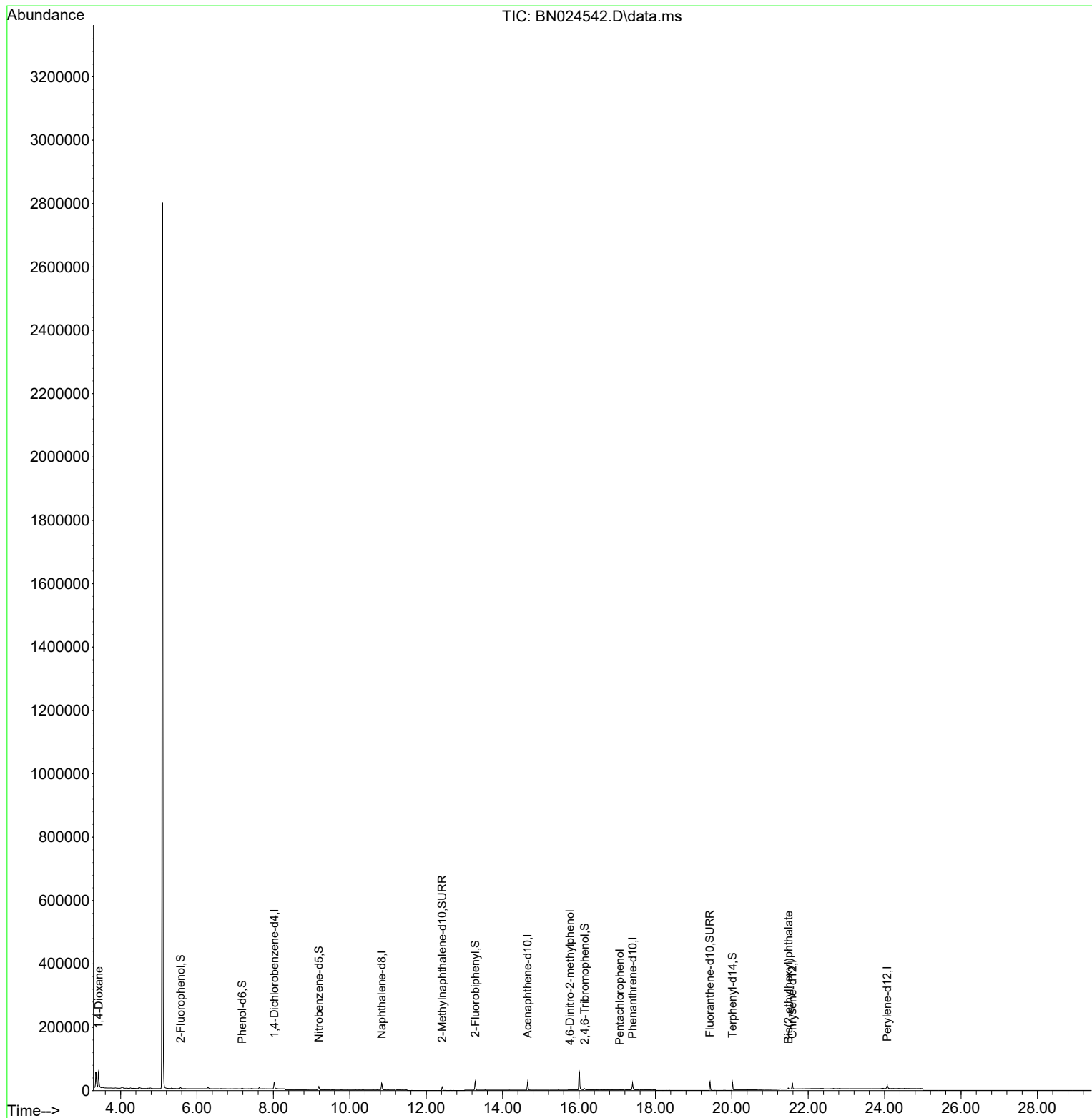
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	9764	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	27740	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	13643	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	29644	0.400	ng	0.00
29) Chrysene-d12	21.583	240	17979	0.400	ng	0.00
35) Perylene-d12	24.068	264	14641	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	3123	0.144	ng	0.00
5) Phenol-d6	7.181	99	2145	0.077	ng	0.00
8) Nitrobenzene-d5	9.190	82	9633	0.520	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	16378	0.480	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2192	0.314	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	24627	0.478	ng	0.00
27) Fluoranthene-d10	19.429	212	30873	0.491	ng	0.00
31) Terphenyl-d14	20.016	244	16732	0.552	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	31738	2.987	ng	Qvalue 98
20) 4,6-Dinitro-2-methylph...	15.762	198	5	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	60	0.133	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.484	149	4079	0.144	ng	# 97

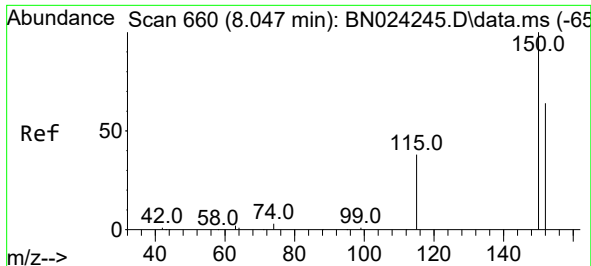
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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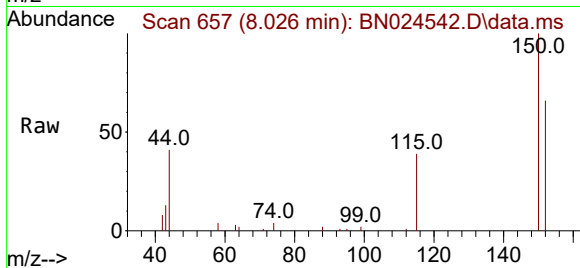
Quant Time: Mar 25 00:24:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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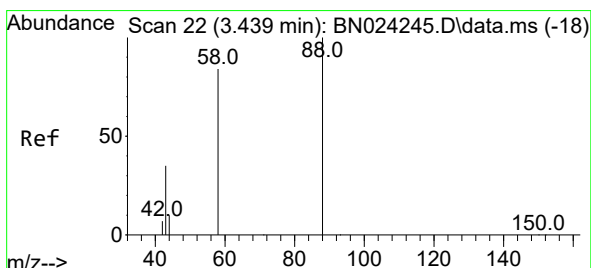
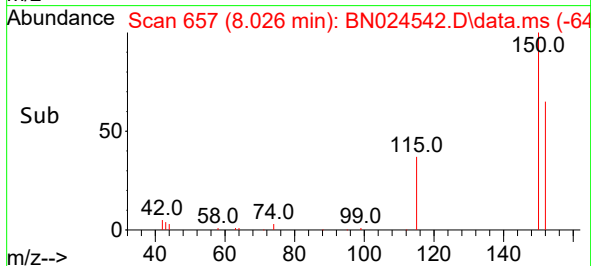
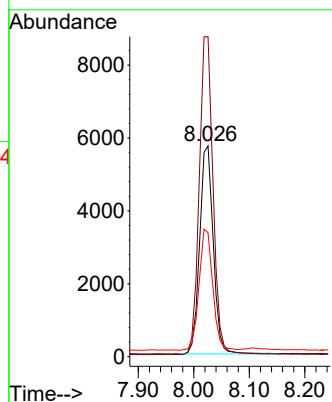


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.026 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN024542.D
Acq: 24 Mar 2023 12:01

Instrument :
BNA_N
ClientSampleId :
RE126D1-20230314

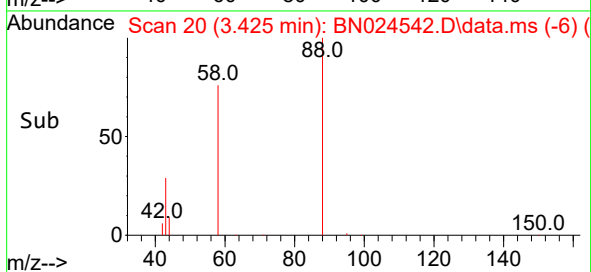
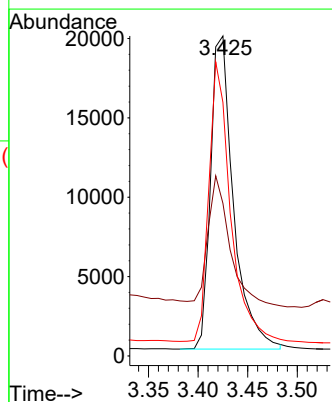
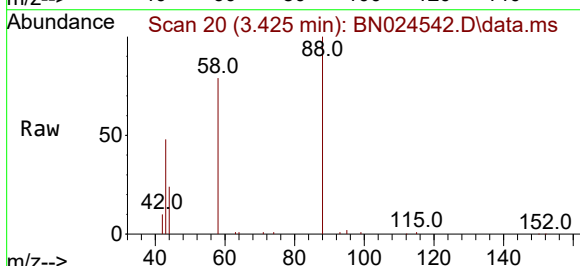


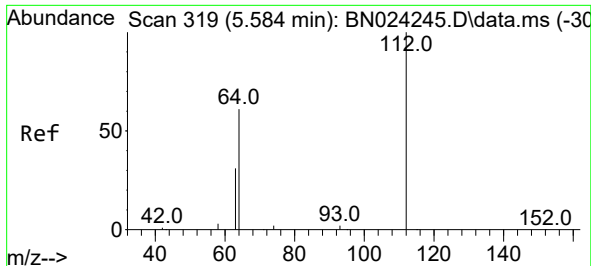
Tgt Ion:152 Resp: 9764
Ion Ratio Lower Upper
152 100
150 151.8 124.7 187.1
115 58.8 49.1 73.7



#2
1,4-Dioxane
Concen: 2.987 ng
RT: 3.425 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN024542.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 88 Resp: 31738
Ion Ratio Lower Upper
88 100
43 39.6 29.0 43.4
58 84.2 67.3 100.9

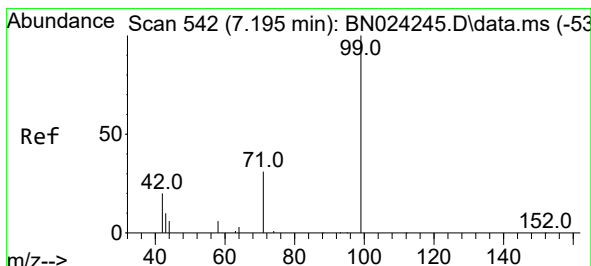
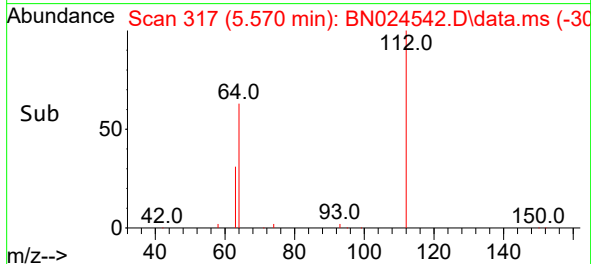
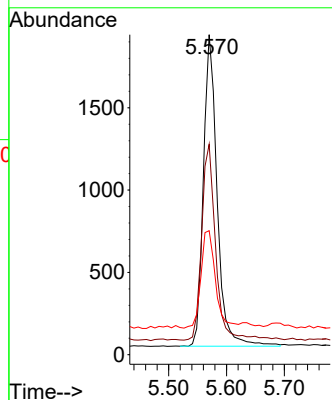
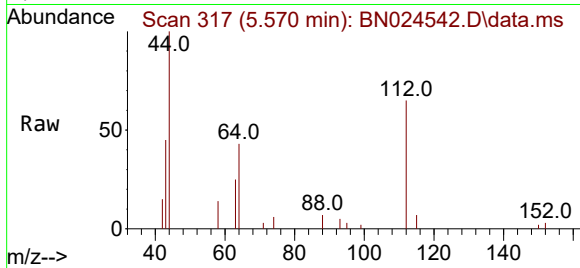




#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.570 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024542.D
Acq: 24 Mar 2023 12:01

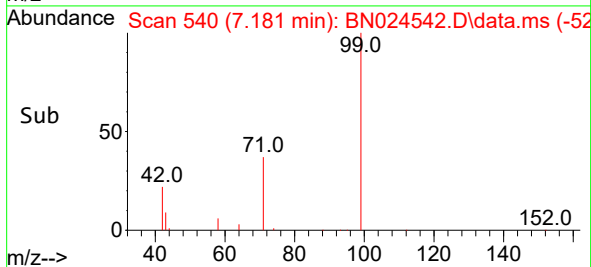
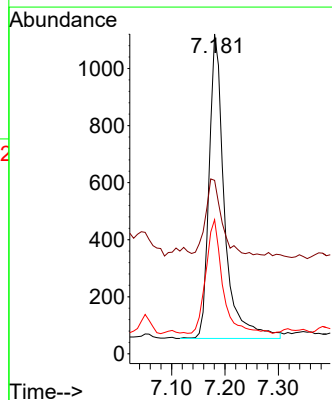
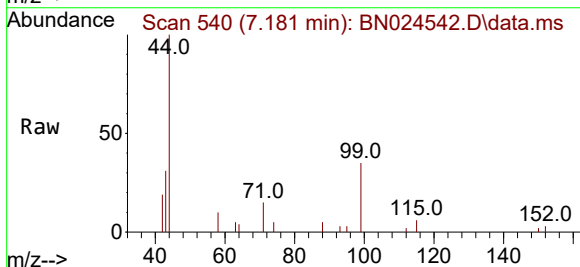
Instrument :
BNA_N
ClientSampleId :
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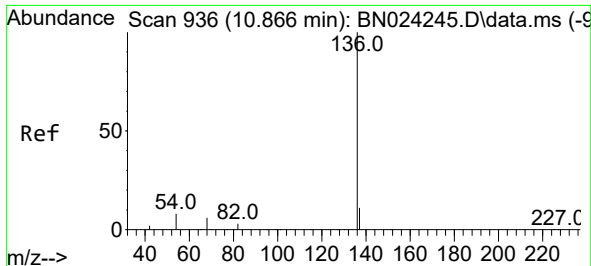
Tgt Ion:112 Resp: 3123
Ion Ratio Lower Upper
112 100
64 64.2 49.0 73.6
63 33.1 25.7 38.5



#5
Phenol-d6
Concen: 0.077 ng
RT: 7.181 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN024542.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 99 Resp: 2145
Ion Ratio Lower Upper
99 100
42 26.1 20.1 30.1
71 40.3 25.8 38.8#

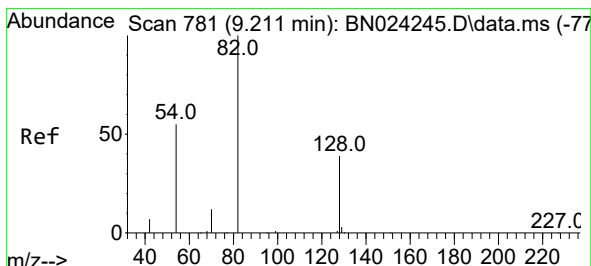
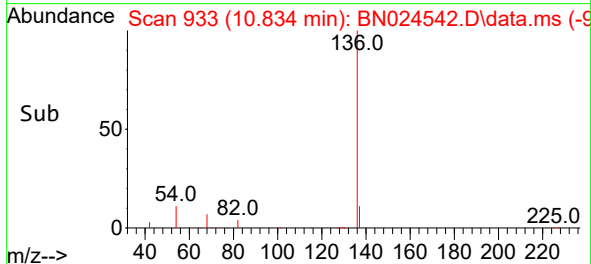
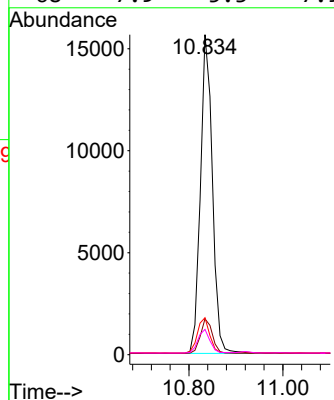
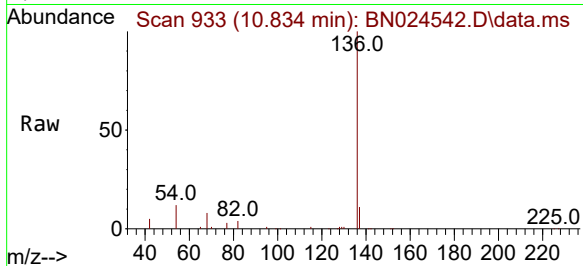




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024542.D
Acq: 24 Mar 2023 12:01

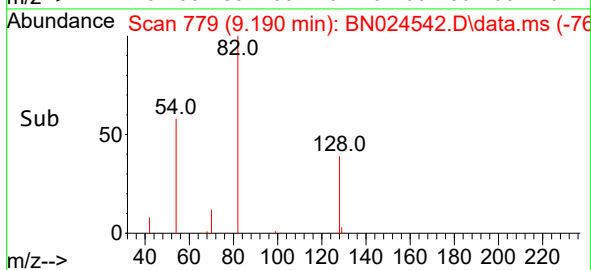
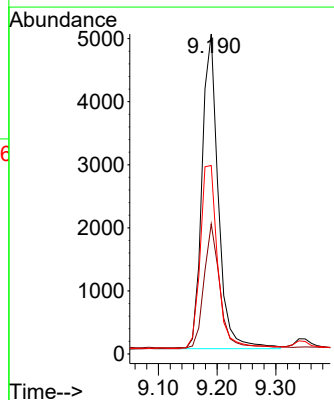
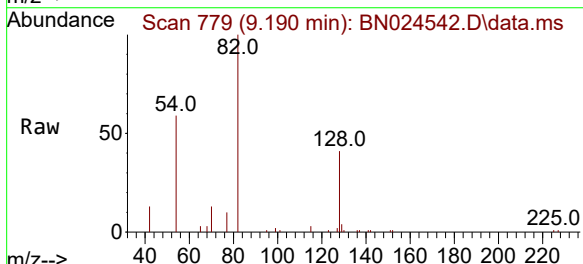
Instrument :
BNA_N
ClientSampleId :
RE126D1-20230314

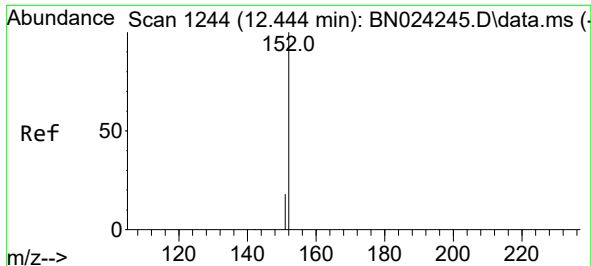
Tgt Ion:	136	Resp:	27740
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.6	7.1	10.7#
68	7.9	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.520 ng
RT: 9.190 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN024542.D
Acq: 24 Mar 2023 12:01

Tgt Ion:	82	Resp:	9633
Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.4	48.6
54	58.9	45.2	67.8

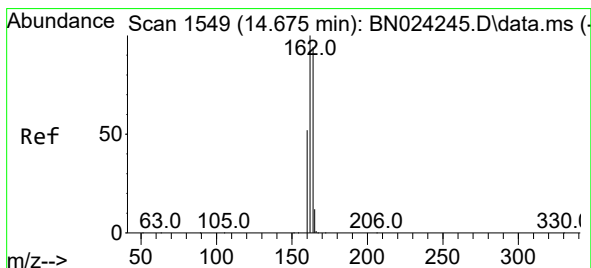
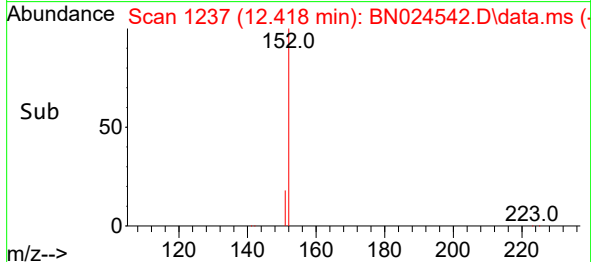
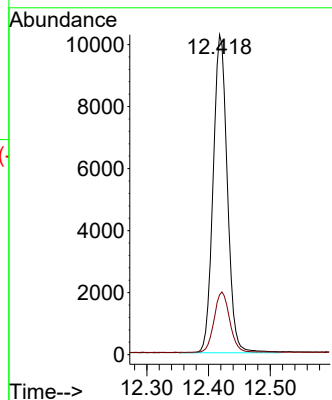
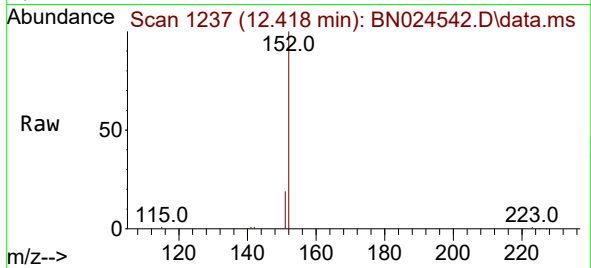




#11
2-Methylnaphthalene-d10
Concen: 0.480 ng
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024542.D
Acq: 24 Mar 2023 12:01

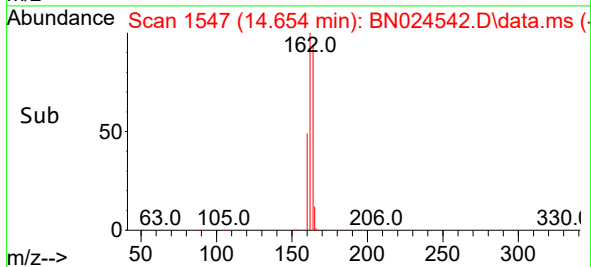
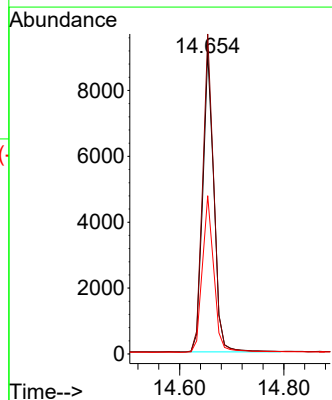
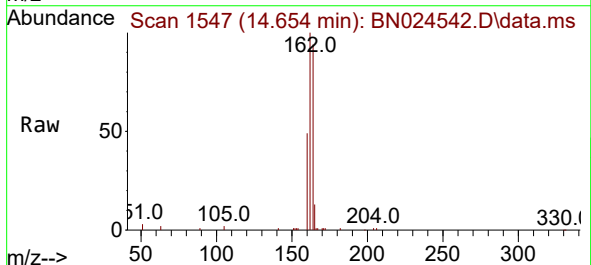
Instrument :
BNA_N
ClientSampleId :
RE126D1-20230314

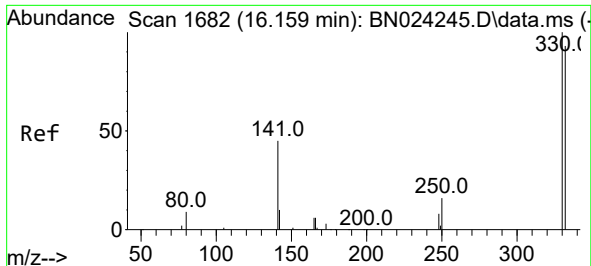
Tgt Ion:152 Resp: 16378
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN024542.D
Acq: 24 Mar 2023 12:01

Tgt Ion:164 Resp: 13643
Ion Ratio Lower Upper
164 100
162 106.0 84.7 127.1
160 52.4 44.6 66.8

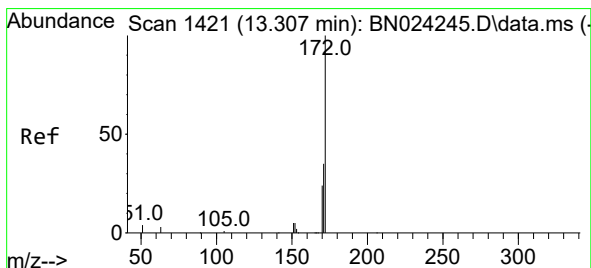
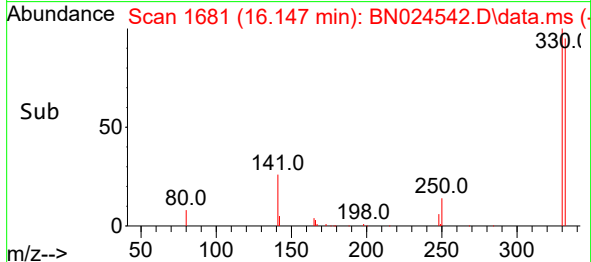
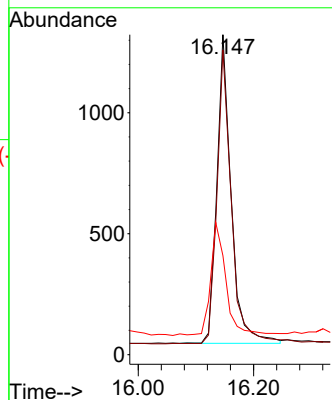
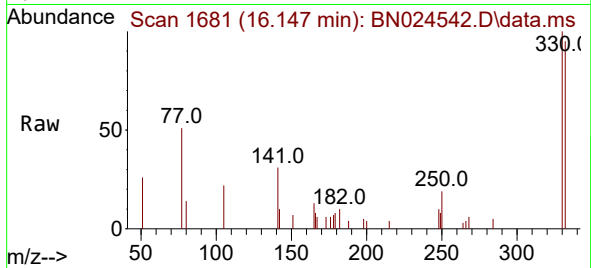




#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 16.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024542.D
Acq: 24 Mar 2023 12:01

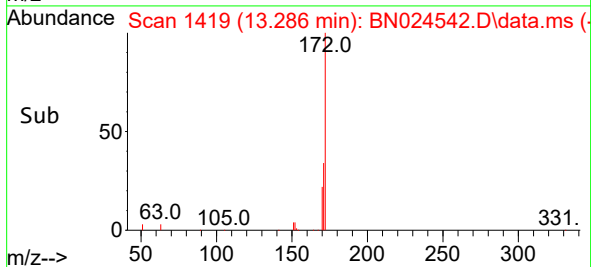
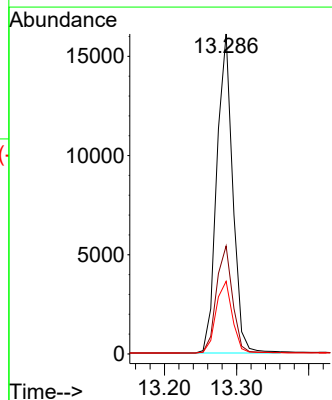
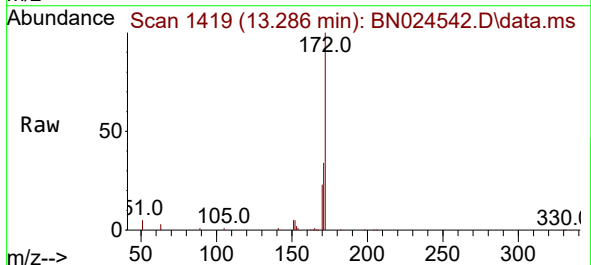
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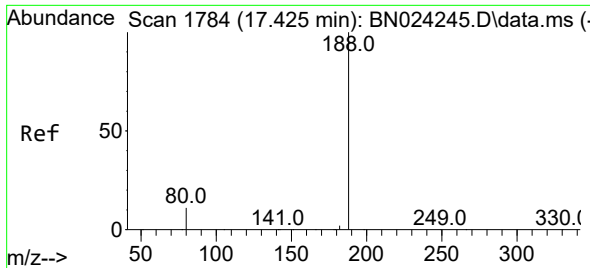
Tgt Ion: 330 Resp: 2192
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 38.1 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.478 ng
RT: 13.286 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN024542.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 172 Resp: 24627
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 22.7 19.0 28.6

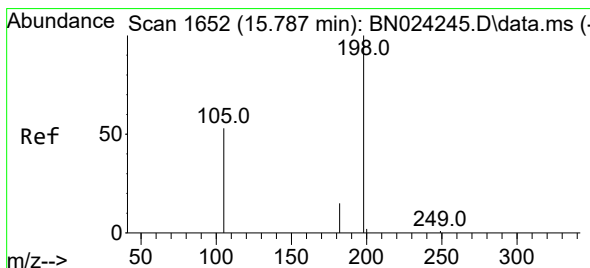
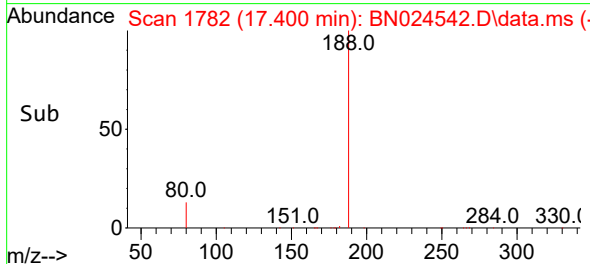
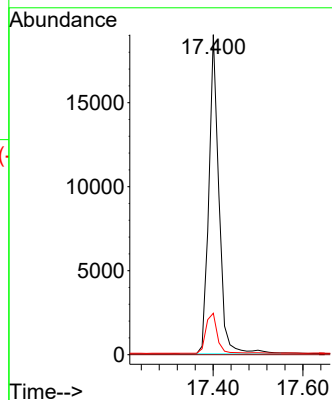
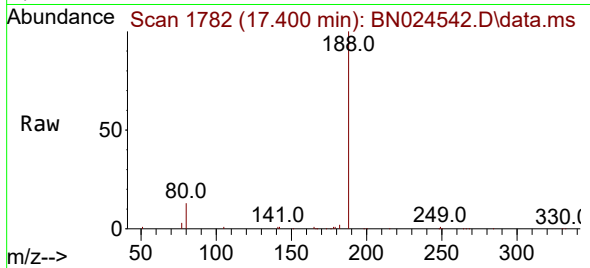




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024542.D
Acq: 24 Mar 2023 12:01

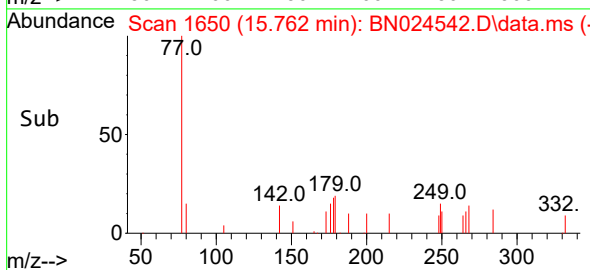
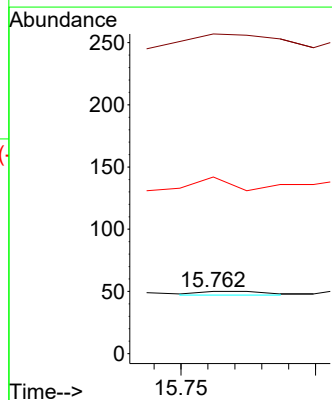
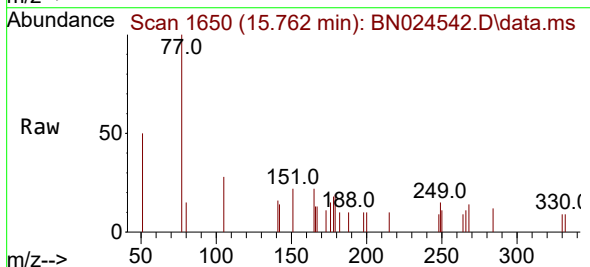
Instrument :
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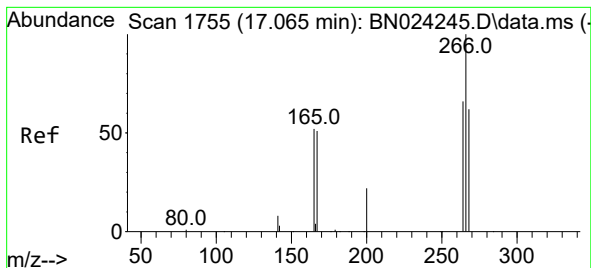
Tgt Ion:188 Resp: 29644
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 8.9 13.3



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.762 min Scan# 1650
Delta R.T. -0.012 min
Lab File: BN024542.D
Acq: 24 Mar 2023 12:01

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 514.0 68.2 102.2#
105 284.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.133 ng

RT: 17.065 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN024542.D

Acq: 24 Mar 2023 12:01

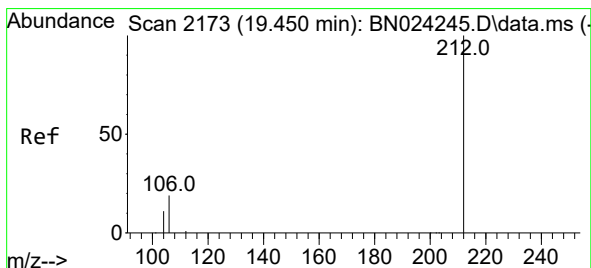
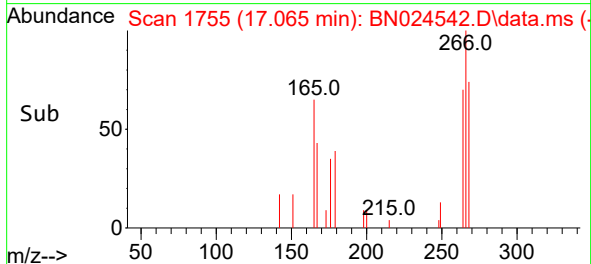
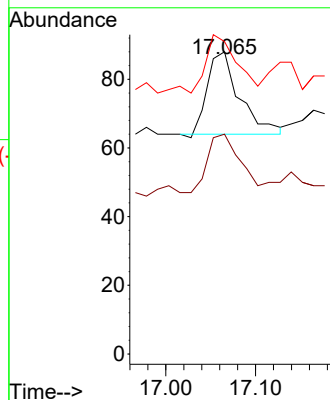
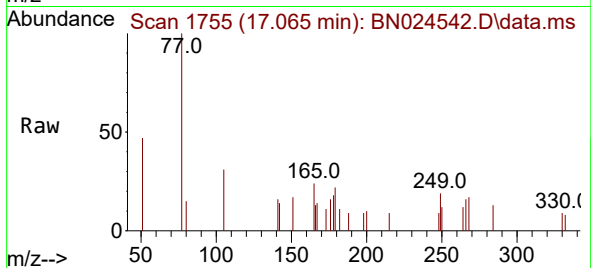
Instrument :

BNA_N

ClientSampleId :

RE126D1-20230314

Tgt Ion:	266	Resp:	60
Ion Ratio	Lower	Upper	
266	100		
264	78.3	51.1	76.7#
268	60.0	52.2	78.4



#27

Fluoranthene-d10

Concen: 0.491 ng

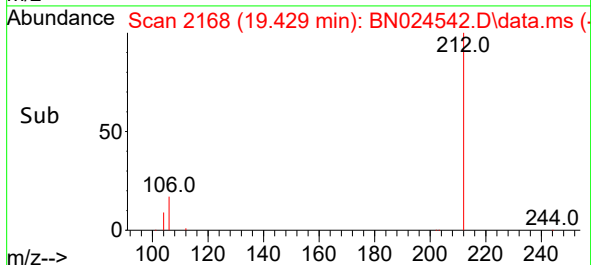
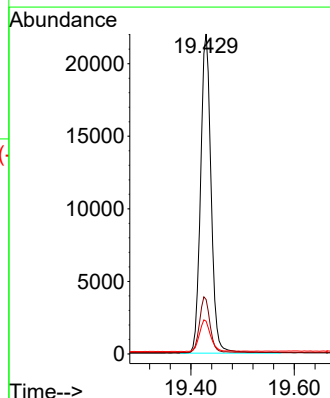
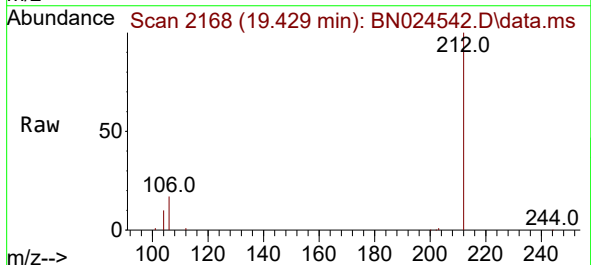
RT: 19.429 min Scan# 2168

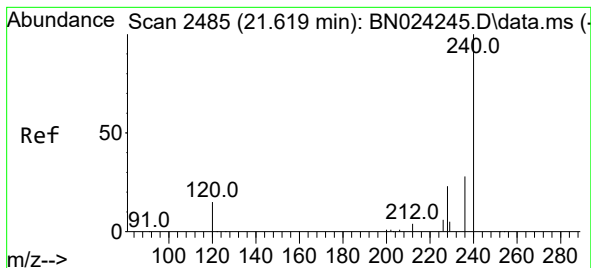
Delta R.T. 0.000 min

Lab File: BN024542.D

Acq: 24 Mar 2023 12:01

Tgt Ion:	212	Resp:	30873
Ion Ratio	Lower	Upper	
212	100		
106	17.5	15.4	23.2
104	10.6	8.6	13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.583 min Scan# 2485

Delta R.T. -0.009 min

Lab File: BN024542.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_N

ClientSampleId :

RE126D1-20230314

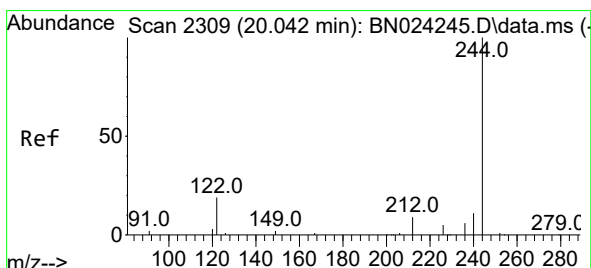
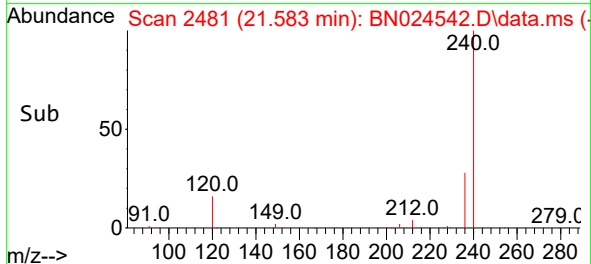
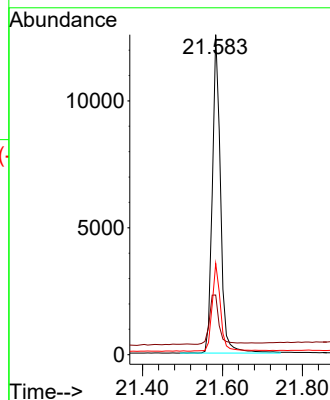
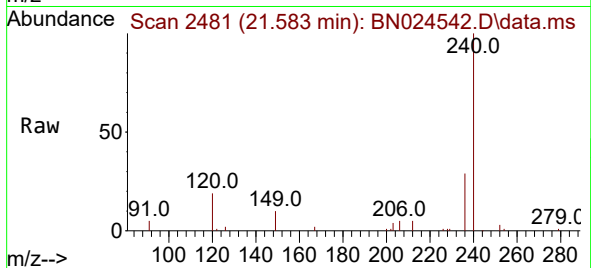
Tgt Ion:240 Resp: 17979

Ion Ratio Lower Upper

240 100

120 18.6 12.8 19.2

236 28.5 22.5 33.7



#31

Terphenyl-d14

Concen: 0.552 ng

RT: 20.016 min Scan# 2306

Delta R.T. 0.000 min

Lab File: BN024542.D

Acq: 24 Mar 2023 12:01

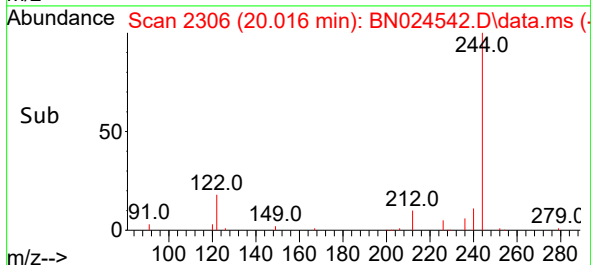
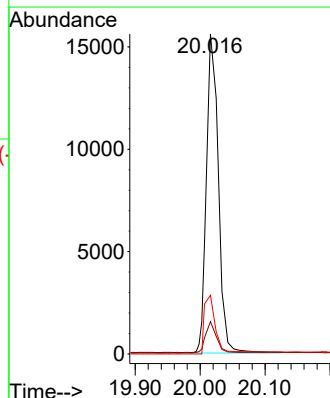
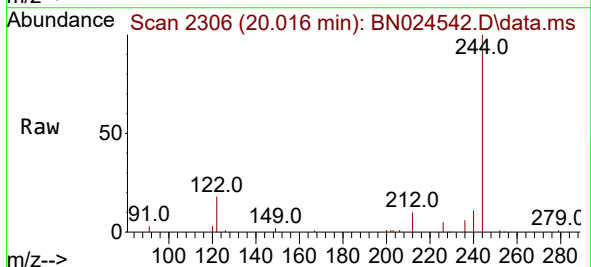
Tgt Ion:244 Resp: 16732

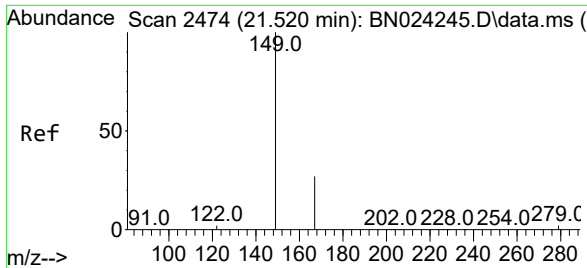
Ion Ratio Lower Upper

244 100

212 10.1 7.6 11.4

122 18.4 15.1 22.7

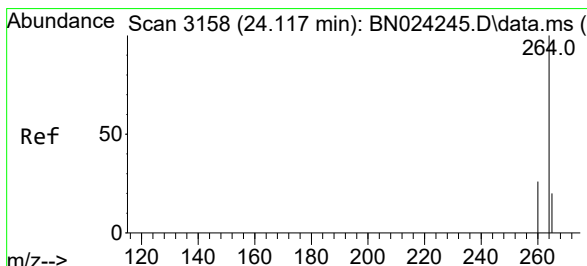
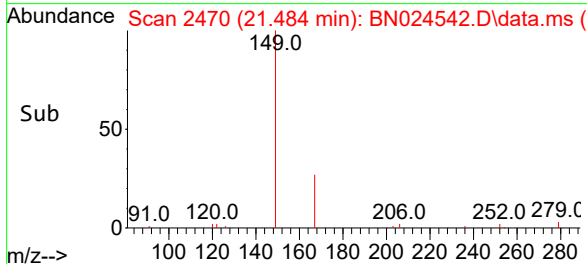
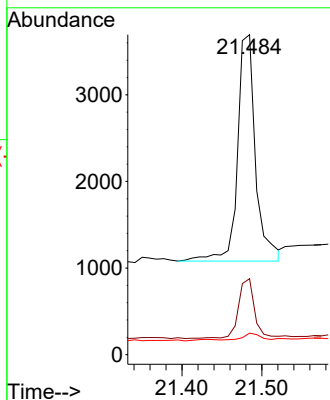
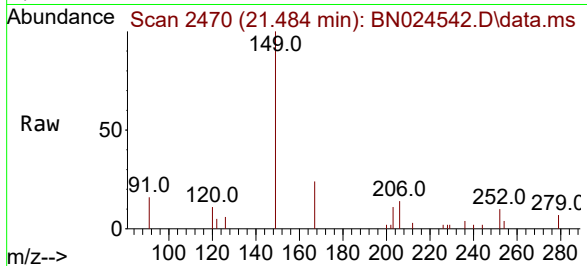




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.144 ng
 RT: 21.484 min Scan# 2470
 Delta R.T. 0.000 min
 Lab File: BN024542.D
 Acq: 24 Mar 2023 12:01

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20230314

Tgt Ion:149 Resp: 4079
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.2 31.8
 279 2.8 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.068 min Scan# 3141
 Delta R.T. -0.029 min
 Lab File: BN024542.D
 Acq: 24 Mar 2023 12:01

Tgt Ion:264 Resp: 14641
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.4 32.2
 265 85.2 35.7 53.5#

