

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024537.D
 Acq On : 24 Mar 2023 08:56
 Operator : CG/JU
 Sample : 01941-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20230314

Quant Time: Mar 24 09:25:59 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)

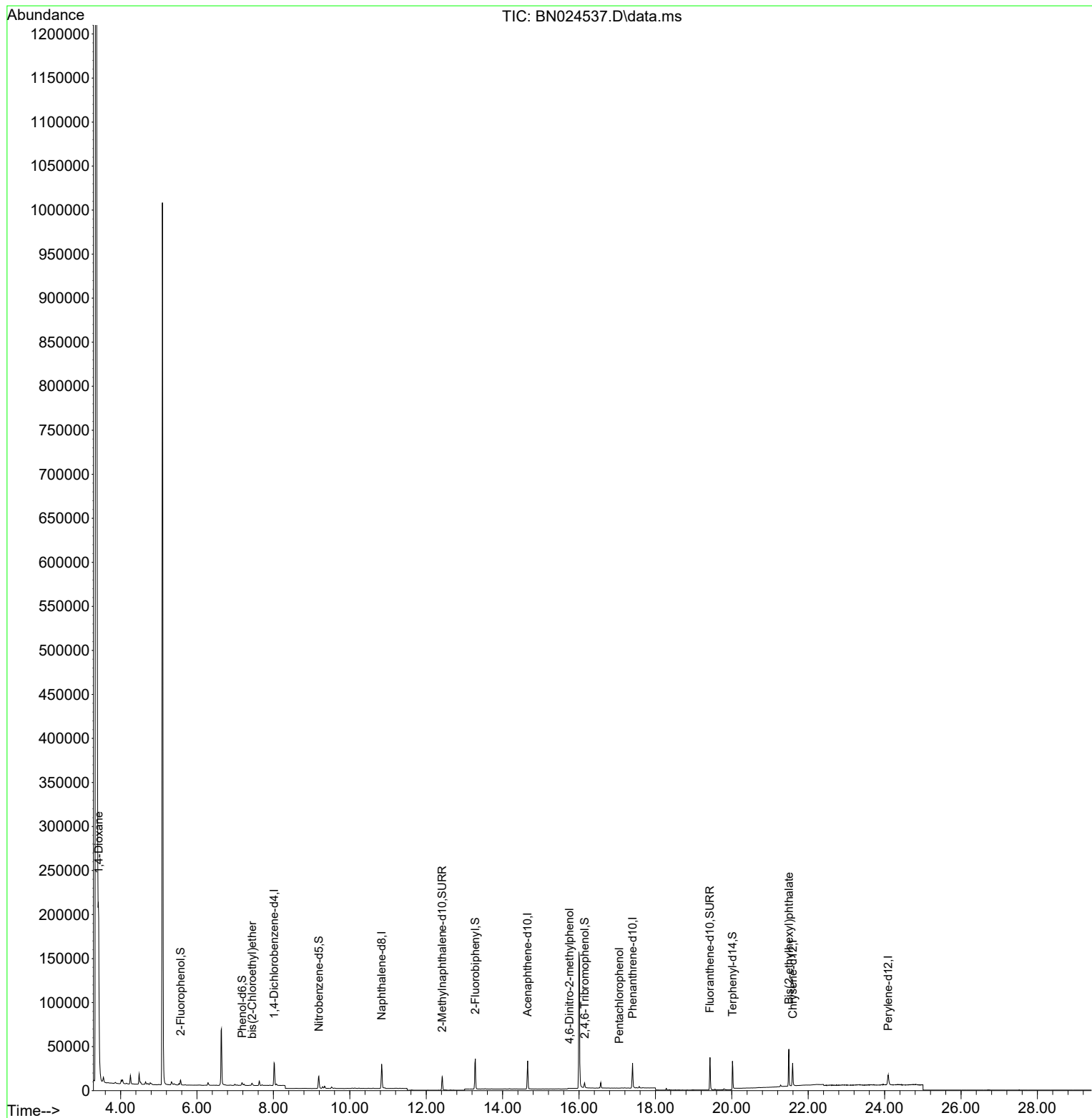
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.018	152	12557	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	35330	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	17544	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	37071	0.400	ng	0.00
29) Chrysene-d12	21.592	240	24246	0.400	ng	0.00
35) Perylene-d12	24.091	264	19210	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	4490	0.161	ng	0.00
5) Phenol-d6	7.180	99	3022	0.085	ng	0.00
8) Nitrobenzene-d5	9.190	82	11987	0.508	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	20342	0.468	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	3491	0.389	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	30857	0.466	ng	0.00
27) Fluoranthene-d10	19.429	212	39648	0.504	ng	0.00
31) Terphenyl-d14	20.016	244	23199	0.567	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	66228	4.847	ng	96
6) bis(2-Chloroethyl)ether	7.440	93	1463	0.041	ng	96
20) 4,6-Dinitro-2-methylph...	15.749	198	7	0.179	ng	# 1
24) Pentachlorophenol	17.053	266	26	0.130	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.493	149	38938	1.022	ng	100

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

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Instrument :
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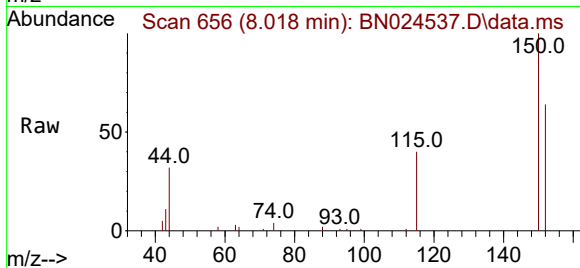
Quant Time: Mar 24 09:25:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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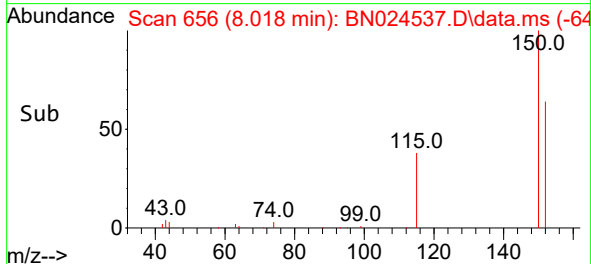
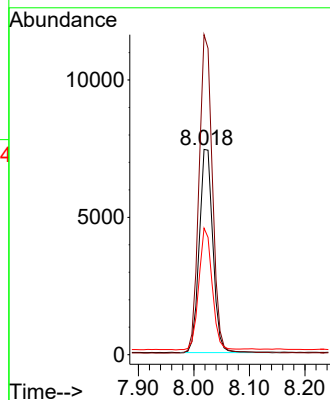


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.018 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

Instrument :
BNA_N
ClientSampleId :
TT101D2-20230314

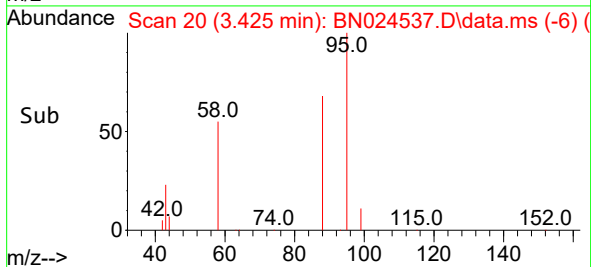
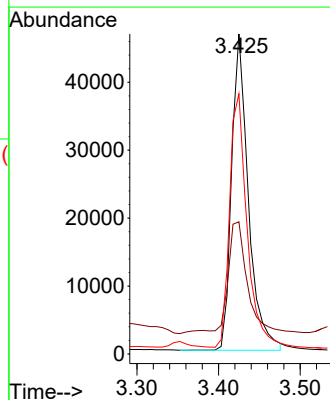
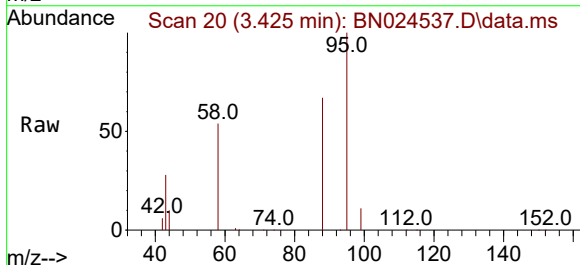


Tgt Ion:152 Resp: 12557
Ion Ratio Lower Upper
152 100
150 155.9 124.7 187.1
115 61.7 49.1 73.7



#2
1,4-Dioxane
Concen: 4.847 ng
RT: 3.425 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

Tgt Ion: 88 Resp: 66228
Ion Ratio Lower Upper
88 100
43 41.2 29.0 43.4
58 82.9 67.3 100.9

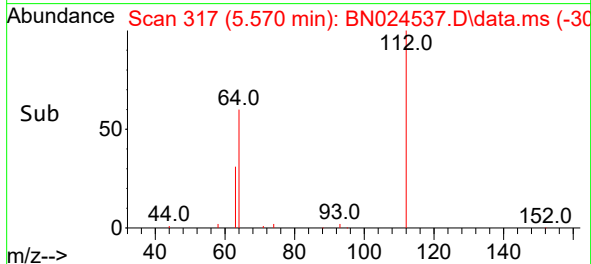
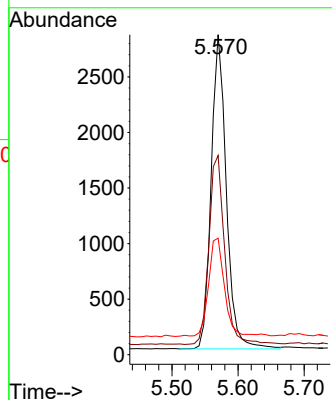
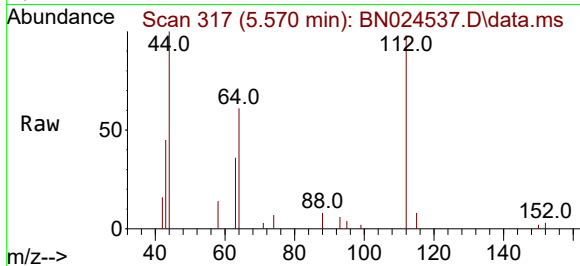




#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.570 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

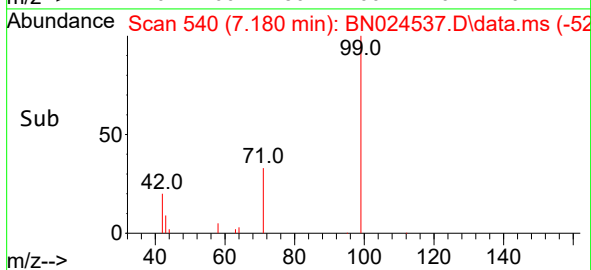
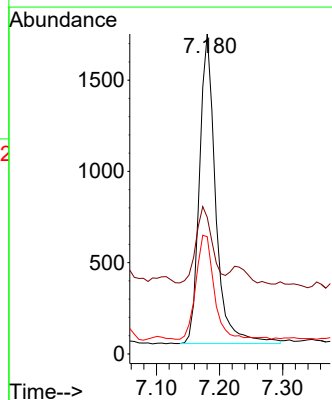
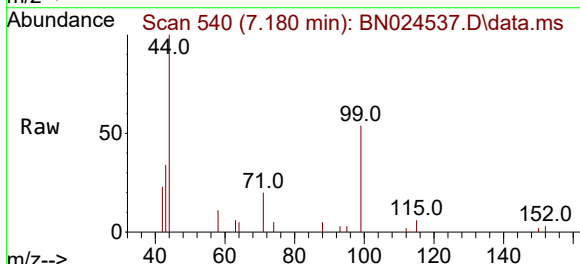
Instrument :
BNA_N
ClientSampleId :
TT101D2-20230314

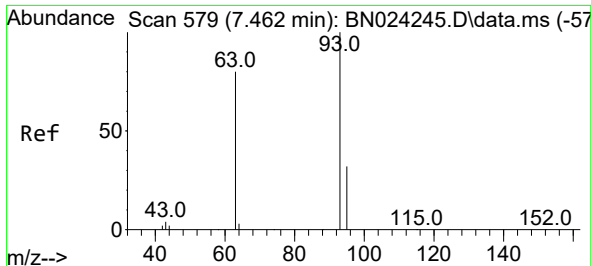
Tgt Ion:112 Resp: 4490
Ion Ratio Lower Upper
112 100
64 62.8 49.0 73.6
63 33.3 25.7 38.5



#5
Phenol-d6
Concen: 0.085 ng
RT: 7.180 min Scan# 540
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

Tgt Ion: 99 Resp: 3022
Ion Ratio Lower Upper
99 100
42 24.9 20.1 30.1
71 37.7 25.8 38.8

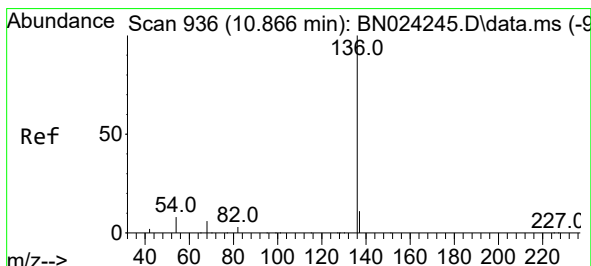
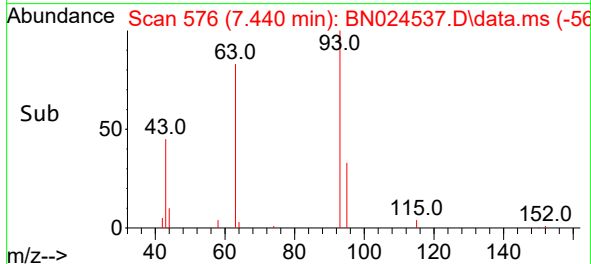
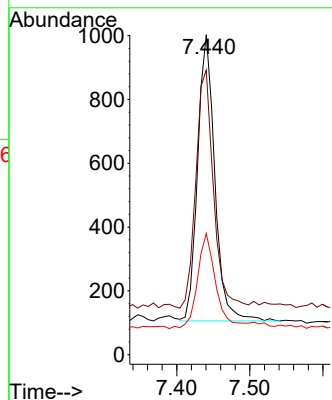
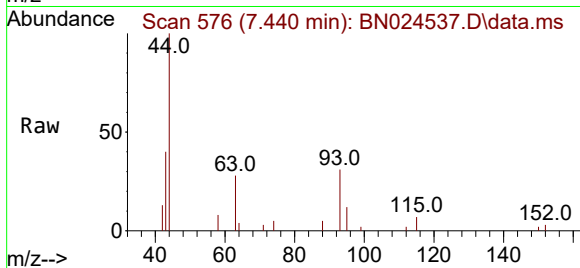




#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 7.440 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

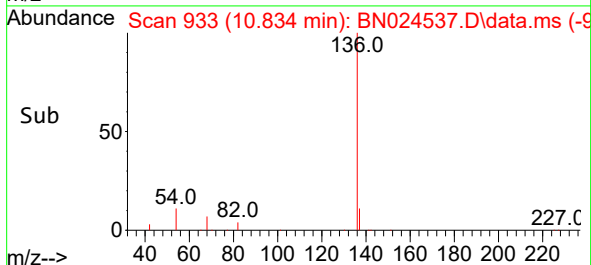
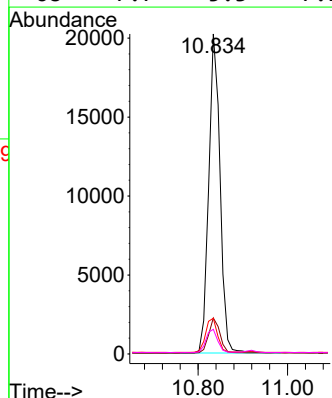
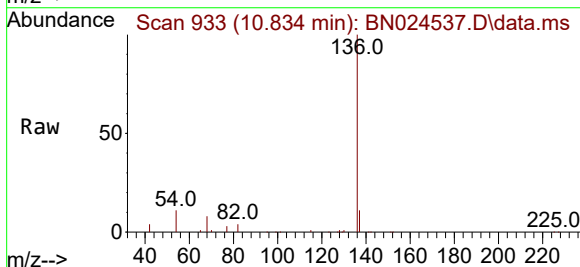
Instrument :
BNA_N
ClientSampleId :
TT101D2-20230314

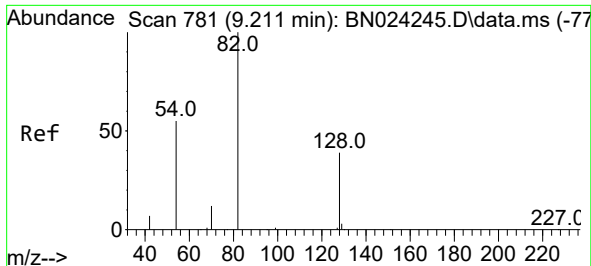
Tgt Ion: 93 Resp: 1463
Ion Ratio Lower Upper
93 100
63 85.4 65.4 98.2
95 35.3 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

Tgt Ion: 136 Resp: 35330
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 11.2 7.1 10.7#
68 7.7 5.3 7.9

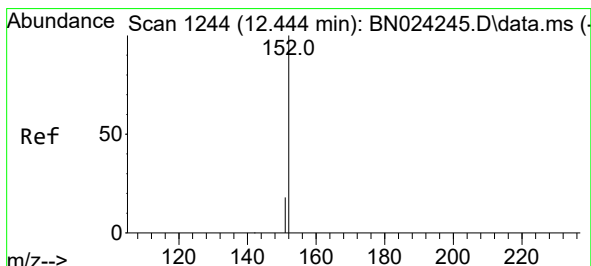
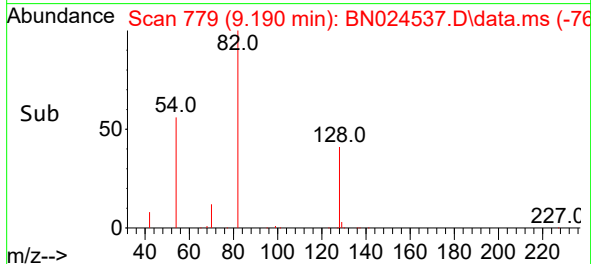
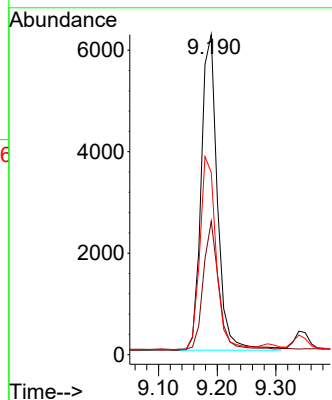
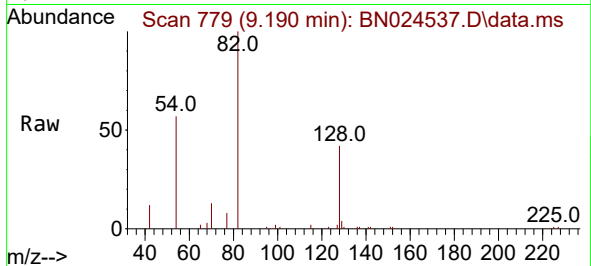




#8
Nitrobenzene-d5
Concen: 0.508 ng
RT: 9.190 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

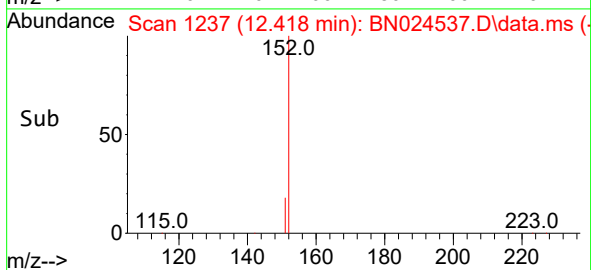
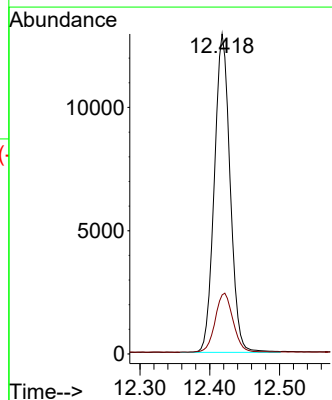
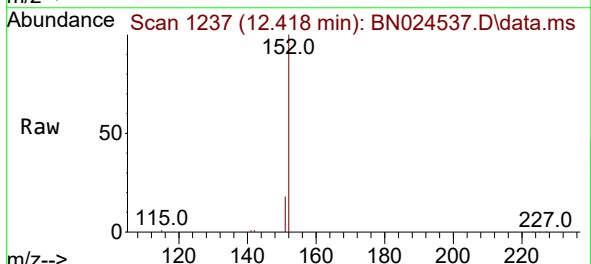
Instrument :
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ClientSampleId :
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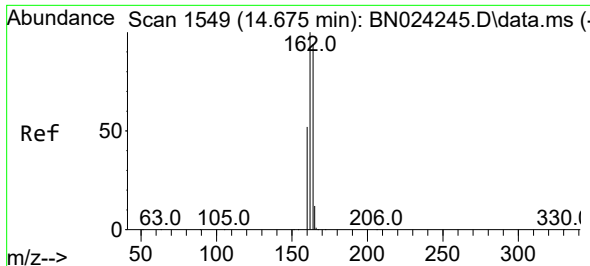
Tgt Ion: 82 Resp: 11987
Ion Ratio Lower Upper
82 100
128 41.7 32.4 48.6
54 57.0 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.468 ng
RT: 12.418 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

Tgt Ion: 152 Resp: 20342
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2

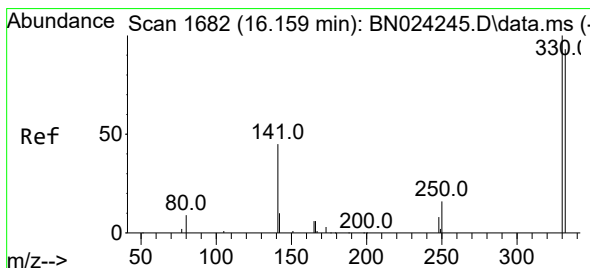
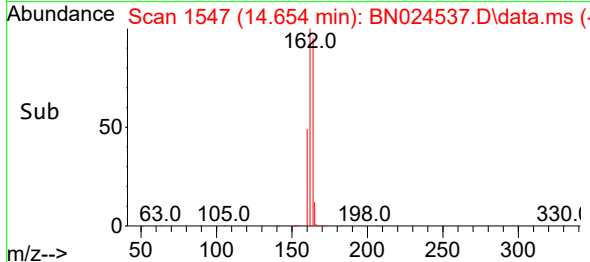
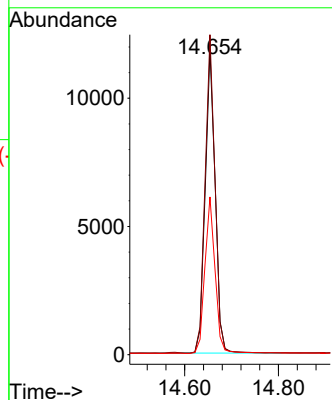
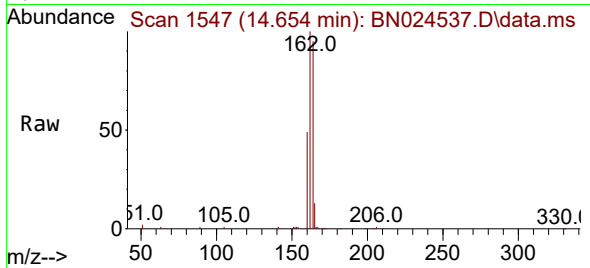




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

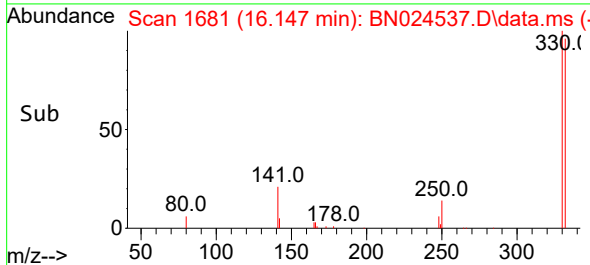
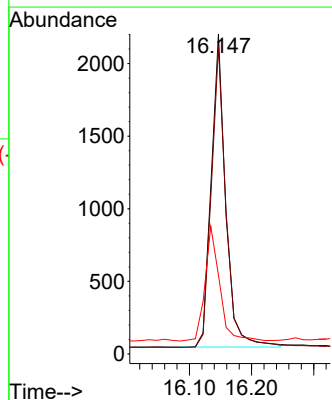
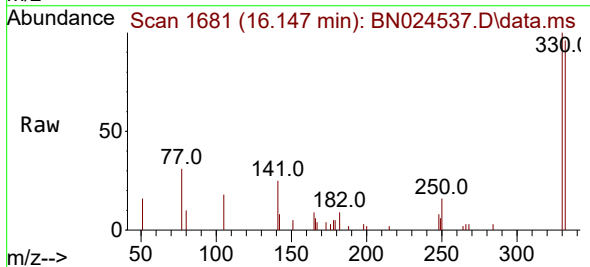
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ClientSampleId :
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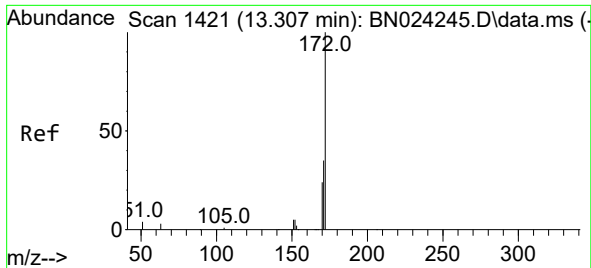
Tgt Ion:164 Resp: 17544
Ion Ratio Lower Upper
164 100
162 105.0 84.7 127.1
160 51.8 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 16.147 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

Tgt Ion:330 Resp: 3491
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 37.1 30.8 46.2

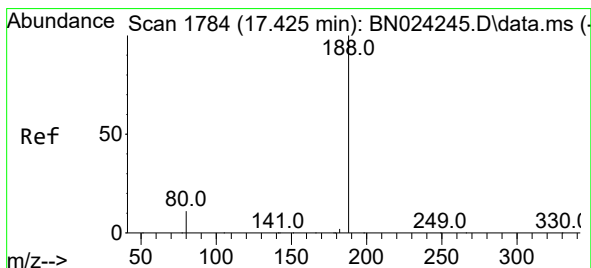
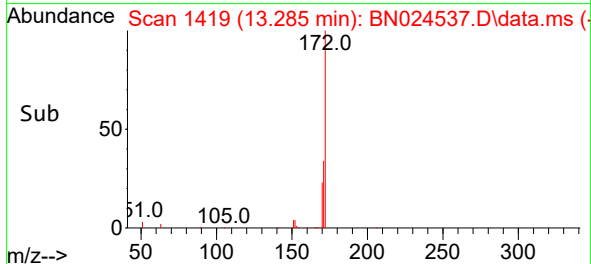
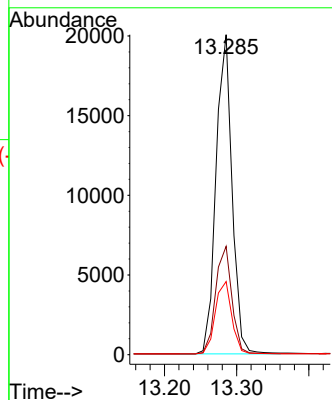
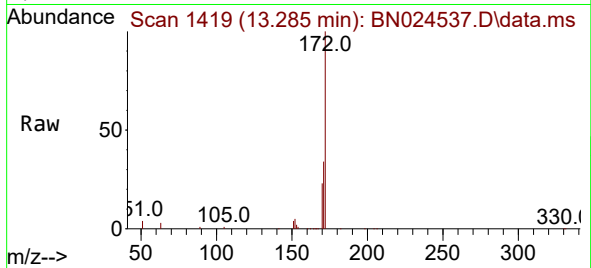




#15
2-Fluorobiphenyl
Concen: 0.466 ng
RT: 13.285 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

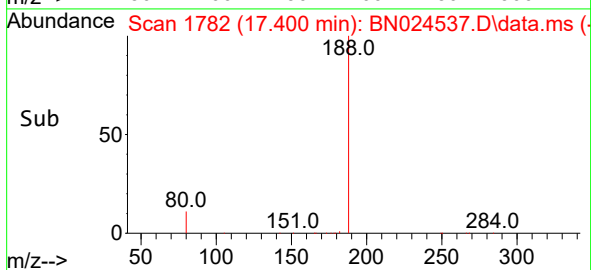
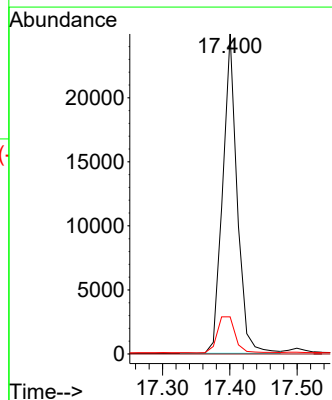
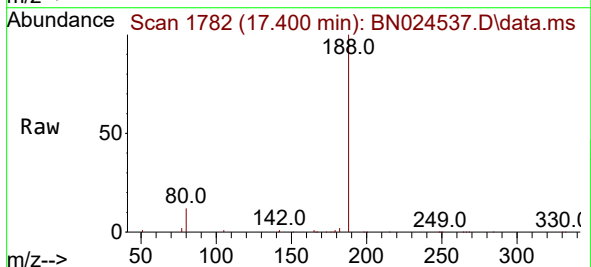
Instrument :
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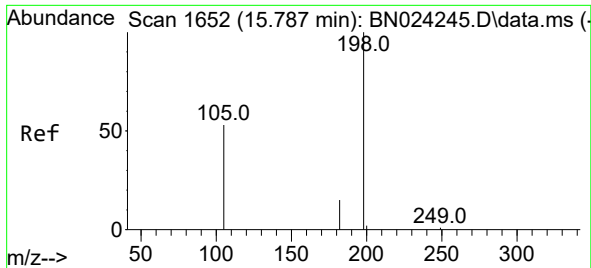
Tgt Ion:172 Resp: 30857
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 22.8 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

Tgt Ion:188 Resp: 37071
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 8.9 13.3

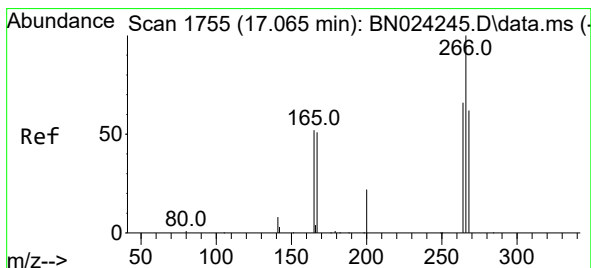
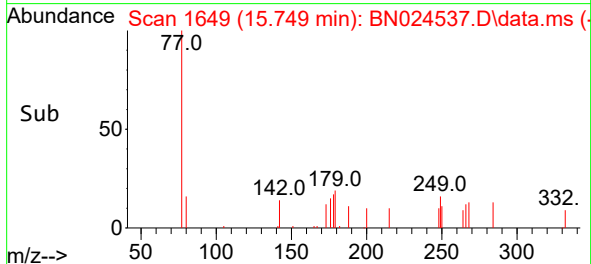
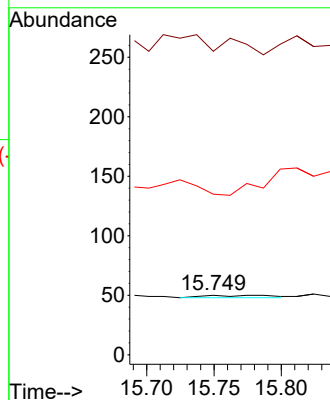
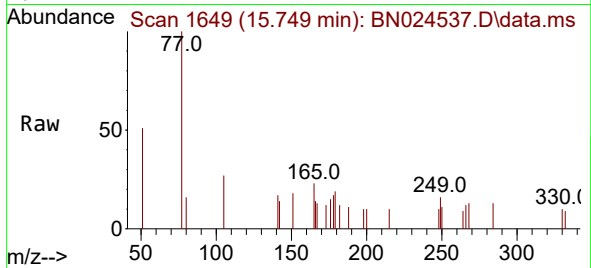




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.749 min Scan# 1649
Delta R.T. -0.025 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

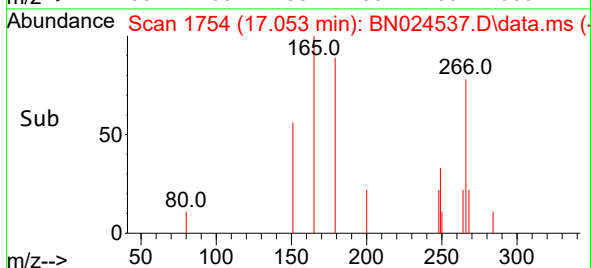
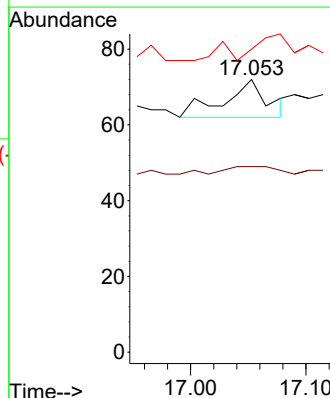
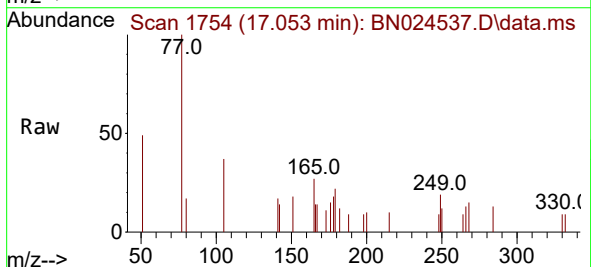
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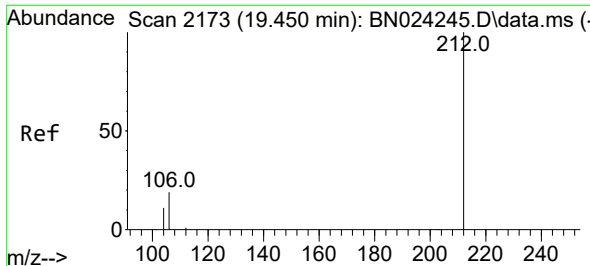
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 510.0 68.2 102.2#
105 270.0 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.130 ng
RT: 17.053 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

Tgt Ion:266 Resp: 26
Ion Ratio Lower Upper
266 100
264 26.9 51.1 76.7#
268 0.0 52.2 78.4#

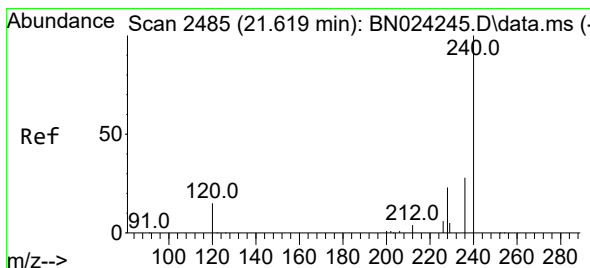
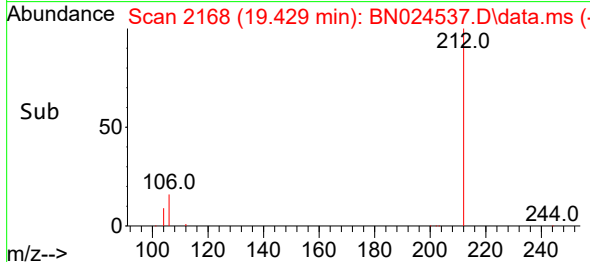
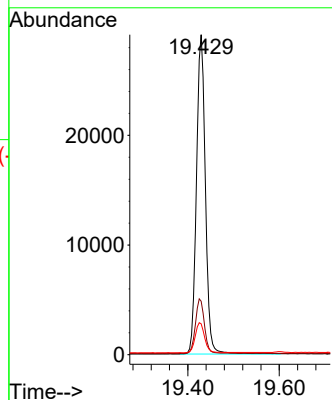
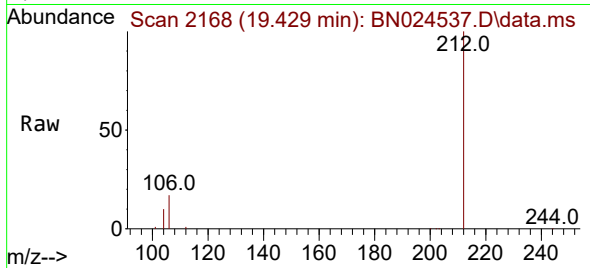




#27
Fluoranthene-d10
Concen: 0.504 ng
RT: 19.429 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

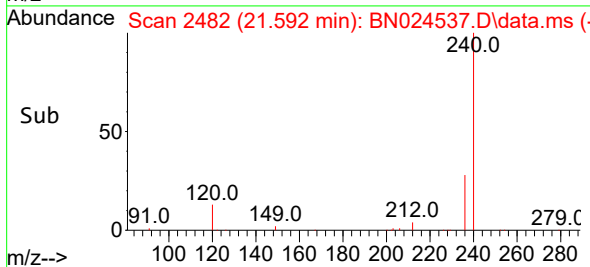
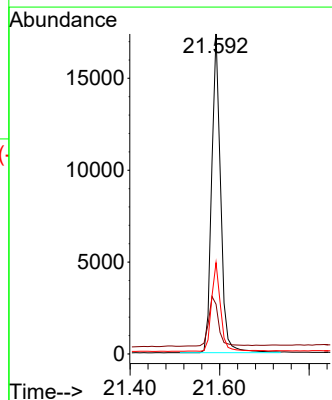
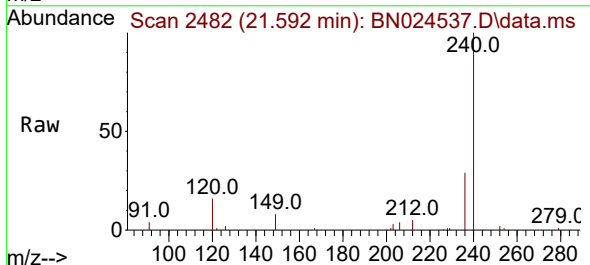
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ClientSampleId :
TT101D2-20230314

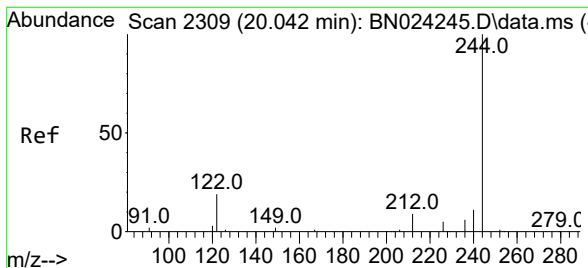
Tgt Ion:212 Resp: 39648
Ion Ratio Lower Upper
212 100
106 17.3 15.4 23.2
104 9.8 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.592 min Scan# 2482
Delta R.T. 0.009 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

Tgt Ion:240 Resp: 24246
Ion Ratio Lower Upper
240 100
120 15.6 12.8 19.2
236 28.6 22.5 33.7





#31

Terphenyl-d14

Concen: 0.567 ng

RT: 20.016 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN024537.D

Acq: 24 Mar 2023 08:56

Instrument :

BNA_N

ClientSampleId :

TT101D2-20230314

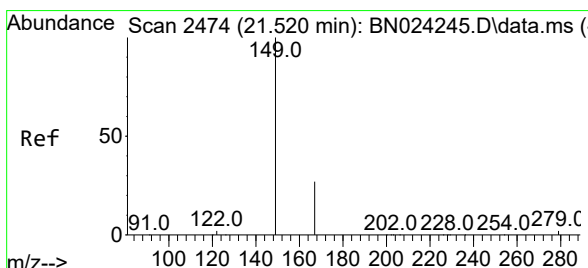
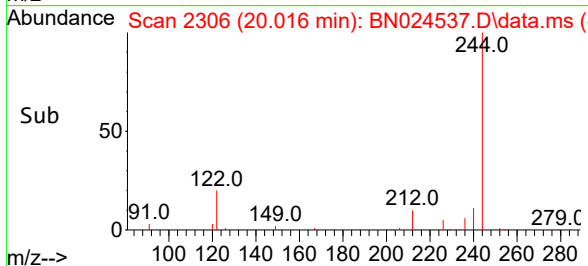
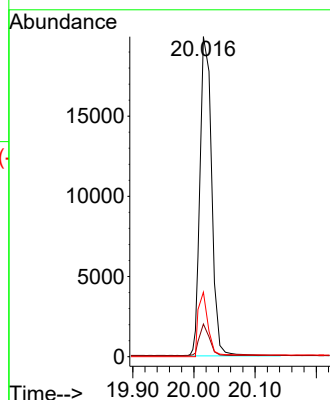
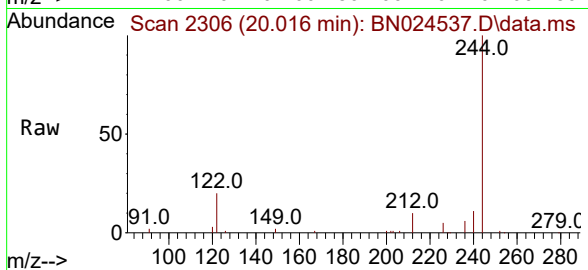
Tgt Ion:244 Resp: 23199

Ion Ratio Lower Upper

244 100

212 10.2 7.6 11.4

122 20.1 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 1.022 ng

RT: 21.493 min Scan# 2471

Delta R.T. 0.009 min

Lab File: BN024537.D

Acq: 24 Mar 2023 08:56

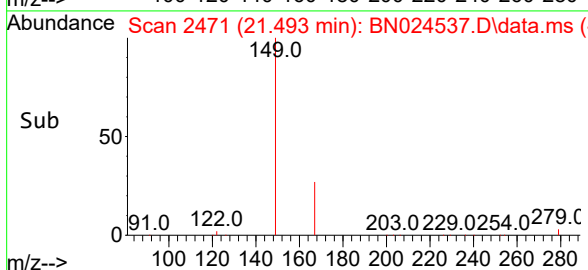
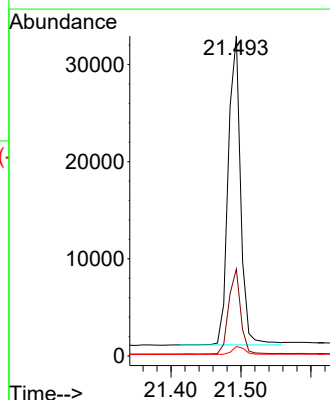
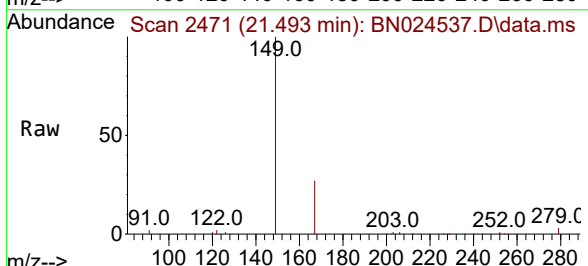
Tgt Ion:149 Resp: 38938

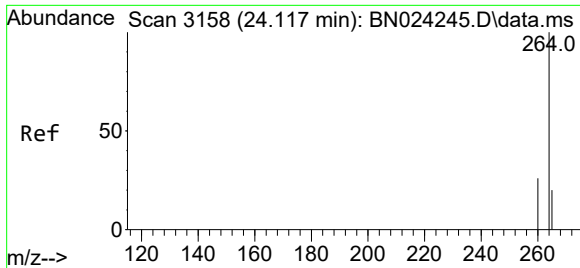
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

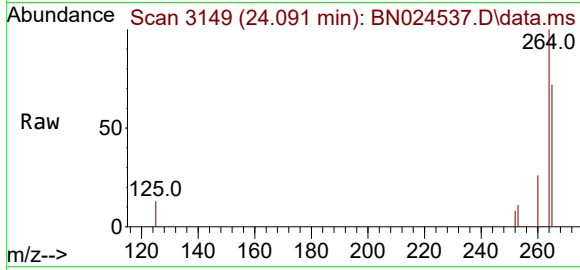
279 2.7 1.8 2.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.091 min Scan# 31
Delta R.T. 0.012 min
Lab File: BN024537.D
Acq: 24 Mar 2023 08:56

Instrument :
BNA_N
ClientSampleId :
TT101D2-20230314



Tgt Ion:264 Resp: 19210
Ion Ratio Lower Upper
264 100
260 26.5 21.4 32.2
265 72.5 35.7 53.5#

