

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024536.D
 Acq On : 24 Mar 2023 08:19
 Operator : CG/JU
 Sample : 01941-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20230313

Quant Time: Mar 24 08:51:16 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)

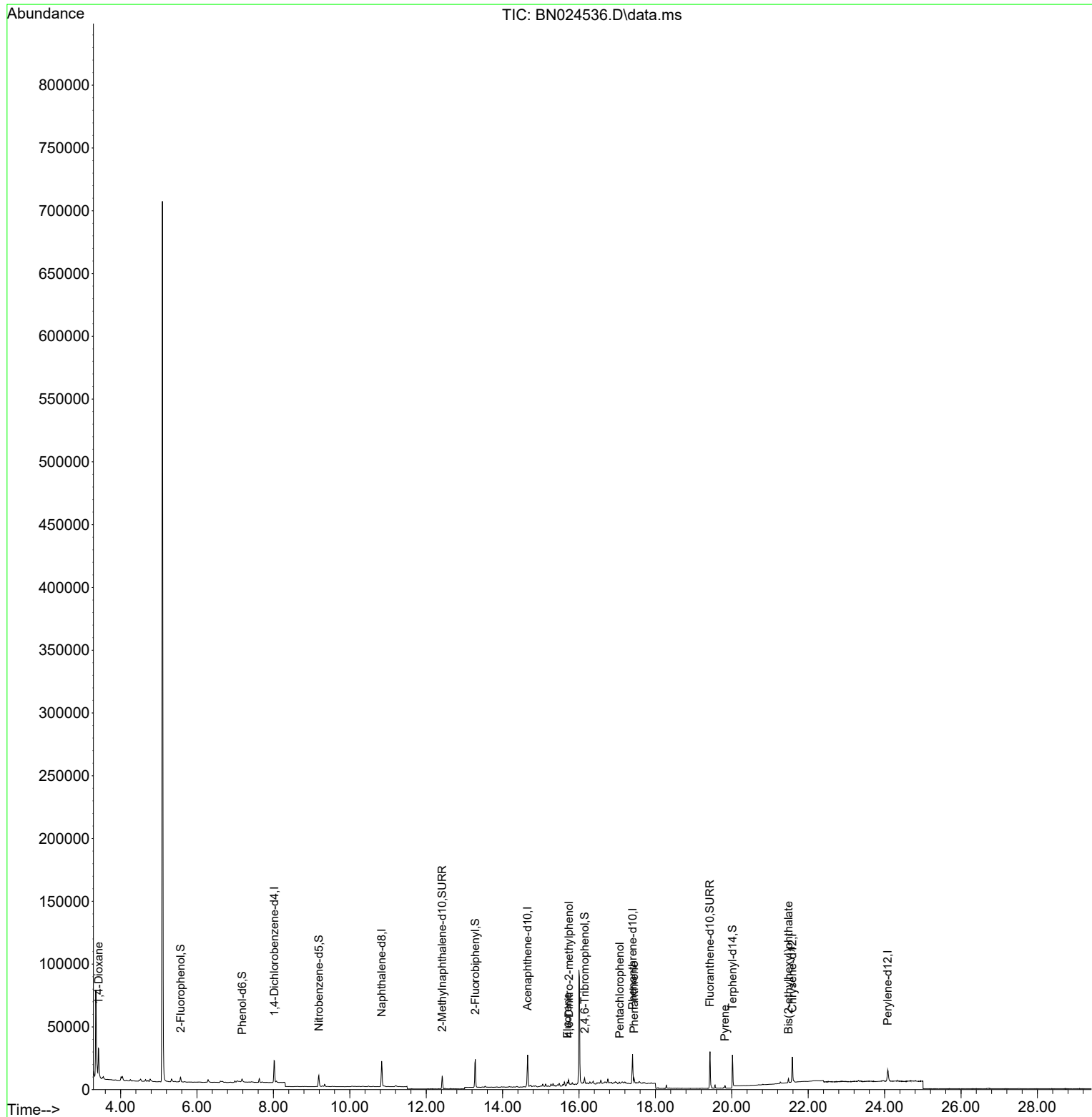
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	8997	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	26030	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	13192	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	29831	0.400	ng	0.00
29) Chrysene-d12	21.583	240	19206	0.400	ng	0.00
35) Perylene-d12	24.082	264	15911	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	3155	0.158	ng	0.00
5) Phenol-d6	7.180	99	2294	0.090	ng	0.00
8) Nitrobenzene-d5	9.190	82	7669	0.441	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	13246	0.414	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2601	0.386	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	20237	0.406	ng	0.00
27) Fluoranthene-d10	19.429	212	30967	0.490	ng	0.00
31) Terphenyl-d14	20.016	244	18802	0.581	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.425	88	15664	1.600	ng	97
18) Fluorene	15.702	166	1587	0.033	ng	# 57
20) 4,6-Dinitro-2-methylph...	15.737	198	8	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	16	0.130	ng	# 47
25) Phenanthrene	17.438	178	4641	0.053	ng	# 92
30) Pyrene	19.821	202	1918	0.025	ng	96
34) Bis(2-ethylhexyl)phtha...	21.484	149	3355	0.111	ng	# 99

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

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Misc :
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Instrument :
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TT172S1-20230313

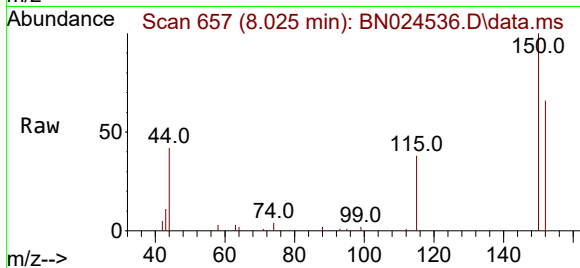
Quant Time: Mar 24 08:51:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



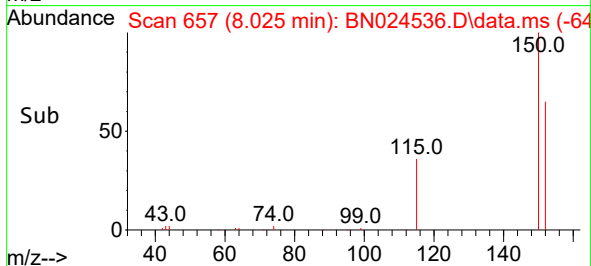
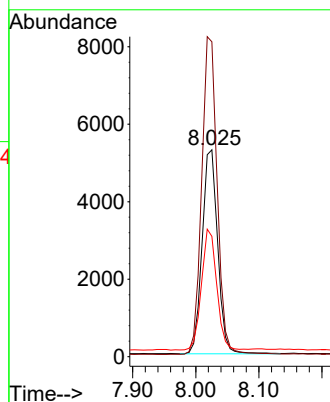


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.025 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN024536.D
 Acq: 24 Mar 2023 08:19

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20230313

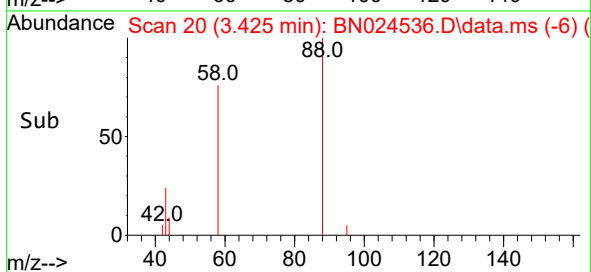
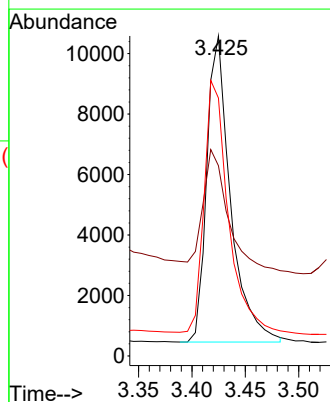
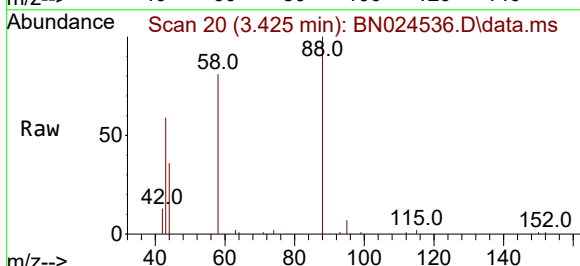


Tgt Ion:152 Resp: 8997
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.7 187.1
 115 58.2 49.1 73.7



#2
 1,4-Dioxane
 Concen: 1.600 ng
 RT: 3.425 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN024536.D
 Acq: 24 Mar 2023 08:19

Tgt Ion: 88 Resp: 15664
 Ion Ratio Lower Upper
 88 100
 43 41.1 29.0 43.4
 58 83.3 67.3 100.9

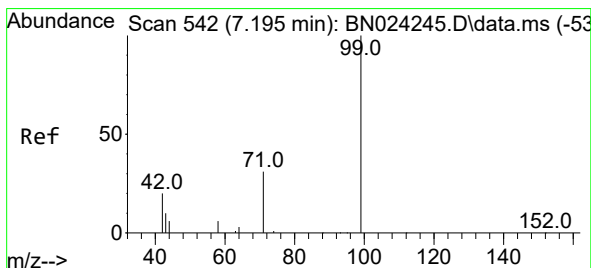
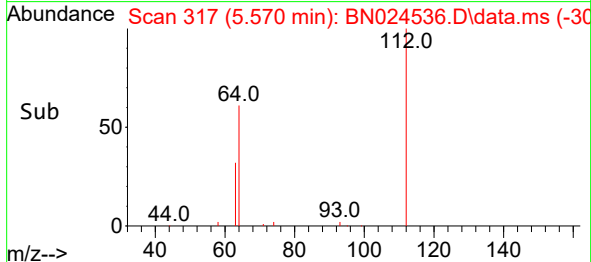
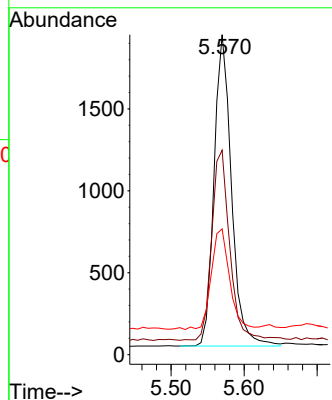
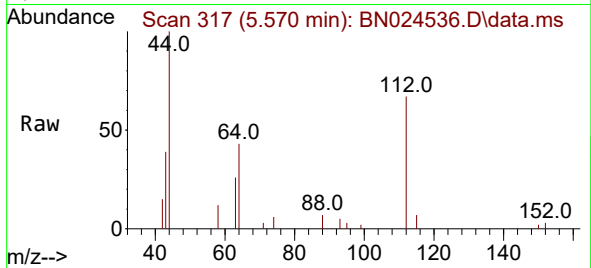




#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.570 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

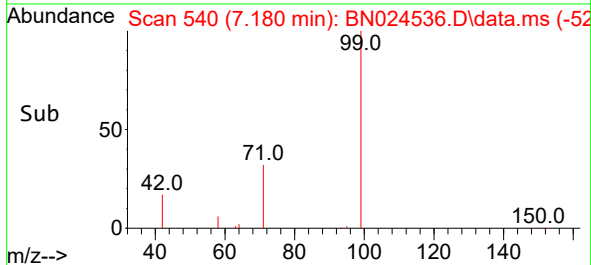
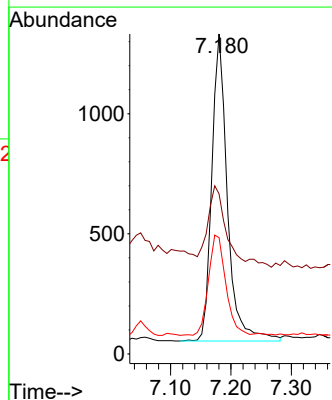
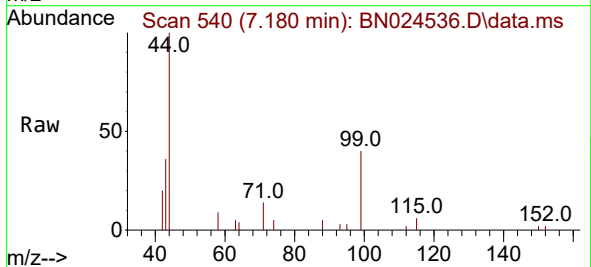
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230313

Tgt Ion:112 Resp: 3155
Ion Ratio Lower Upper
112 100
64 63.1 49.0 73.6
63 33.8 25.7 38.5



#5
Phenol-d6
Concen: 0.090 ng
RT: 7.180 min Scan# 540
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

Tgt Ion: 99 Resp: 2294
Ion Ratio Lower Upper
99 100
42 25.8 20.1 30.1
71 36.7 25.8 38.8

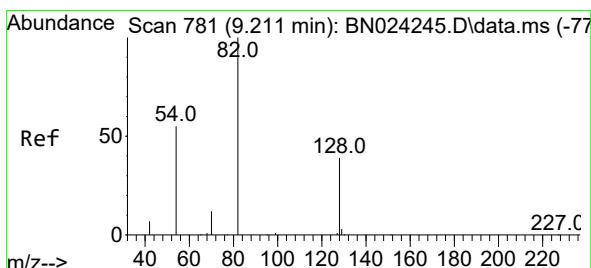
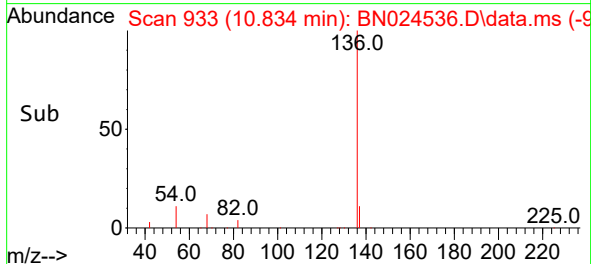
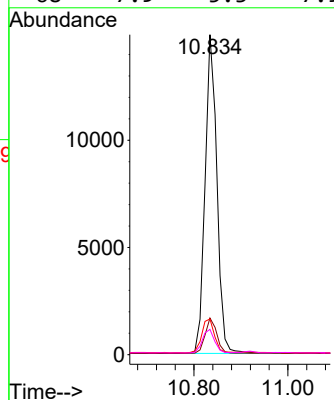
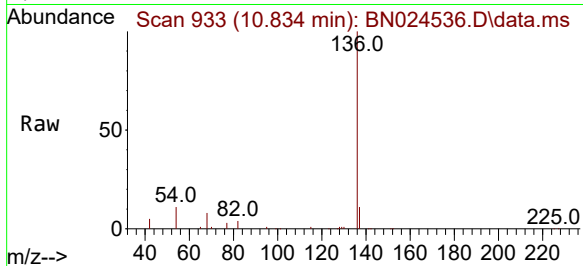




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

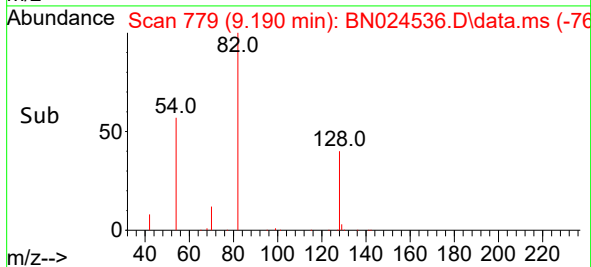
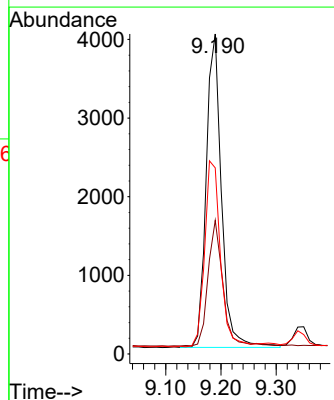
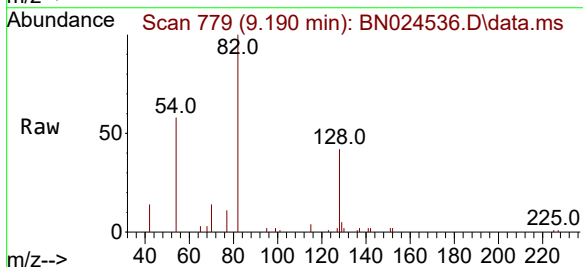
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230313

Tgt Ion:	136	Resp:	26030
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	11.1	7.1	10.7#
68	7.9	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.441 ng
RT: 9.190 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

Tgt Ion:	82	Resp:	7669
Ion Ratio	Lower	Upper	
82	100		
128	41.7	32.4	48.6
54	58.2	45.2	67.8

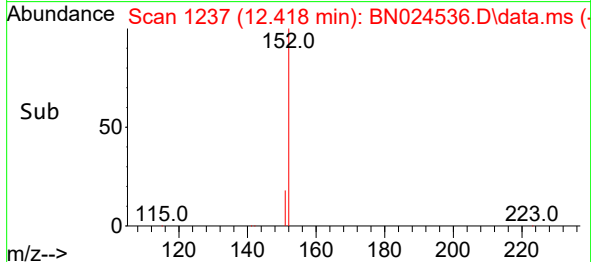
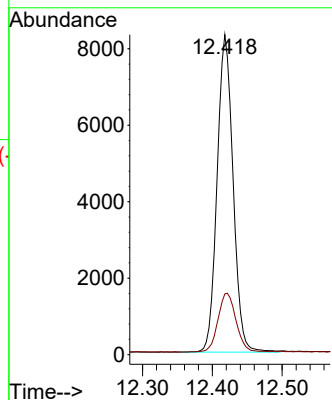
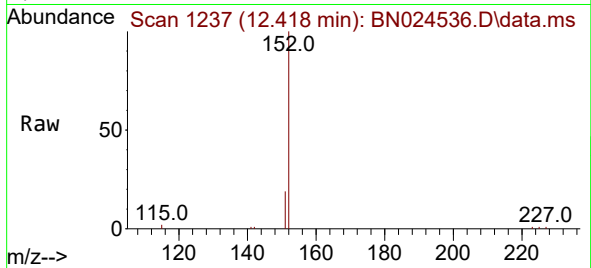




#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.418 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

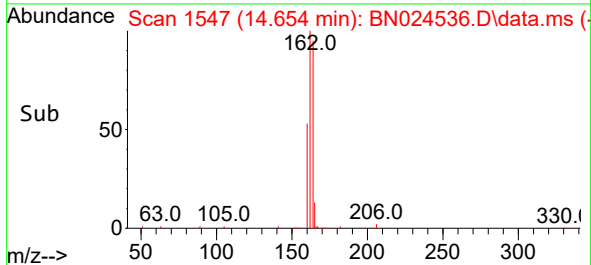
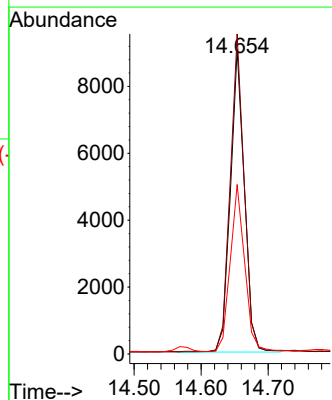
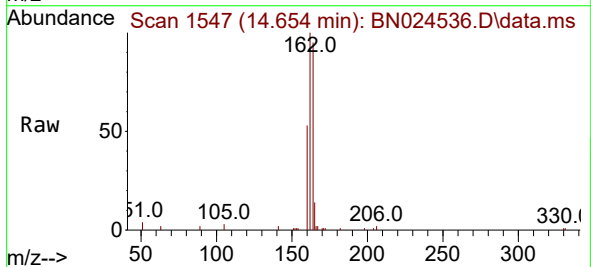
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230313

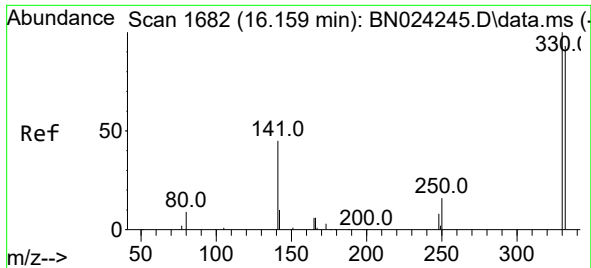
Tgt Ion:152 Resp: 13246
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

Tgt Ion:164 Resp: 13192
Ion Ratio Lower Upper
164 100
162 104.9 84.7 127.1
160 55.5 44.6 66.8

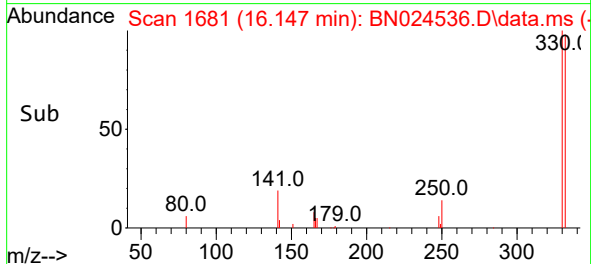
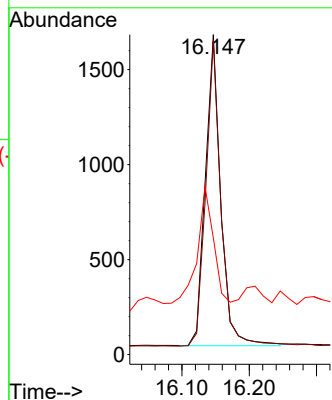
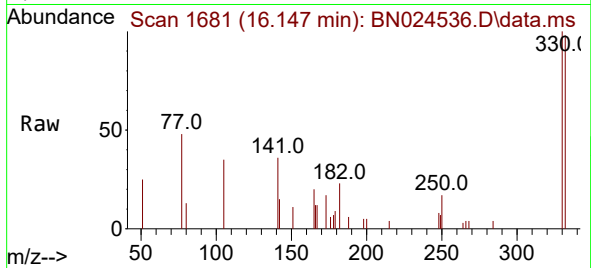




#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 16.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

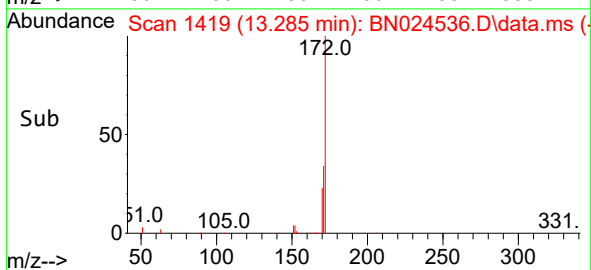
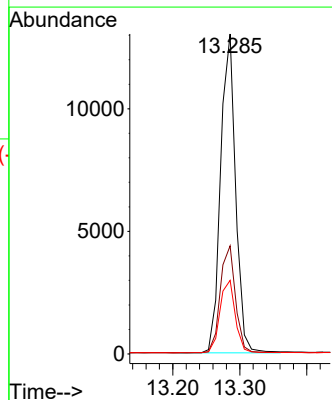
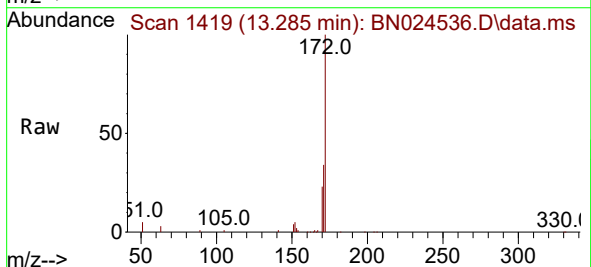
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ClientSampleId :
TT172S1-20230313

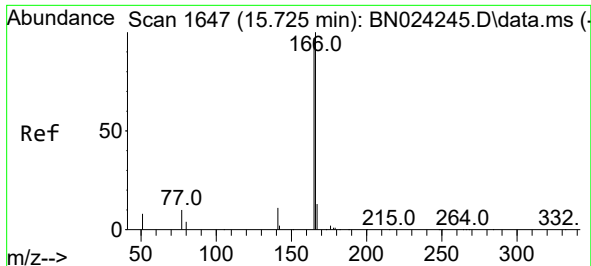
Tgt Ion: 330 Resp: 2601
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 39.0 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.285 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

Tgt Ion: 172 Resp: 20237
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 23.0 19.0 28.6

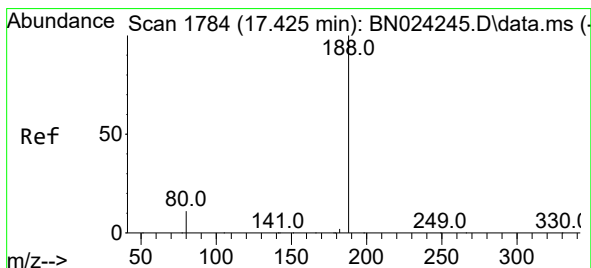
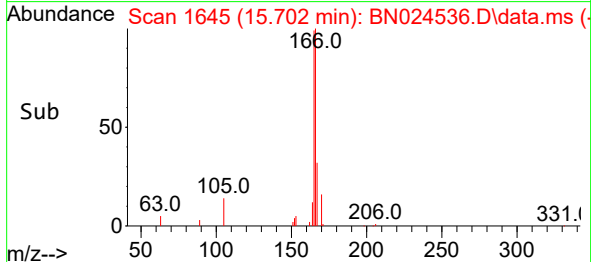
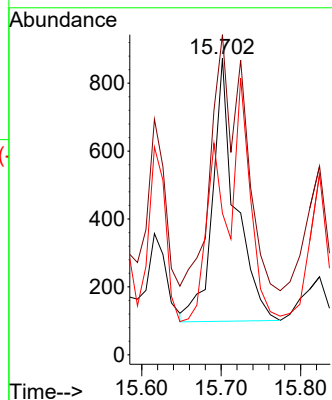
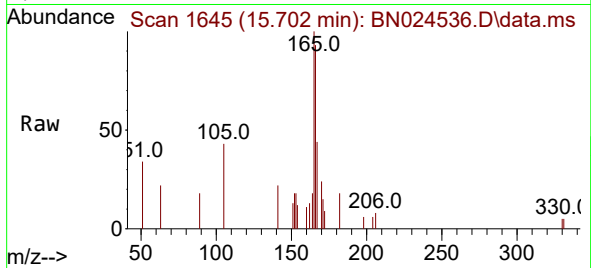




#18
Fluorene
Concen: 0.033 ng
RT: 15.702 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

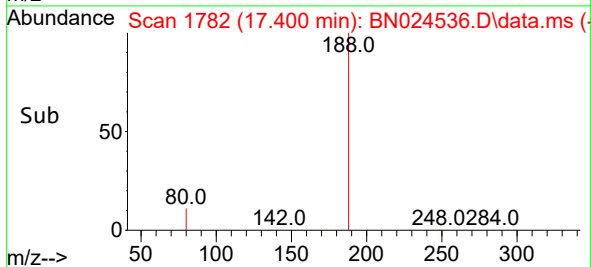
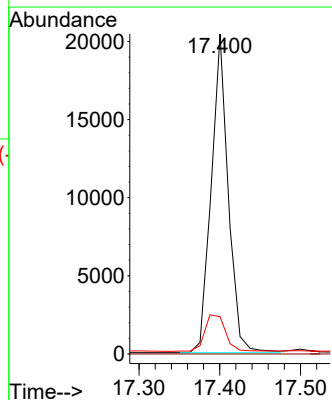
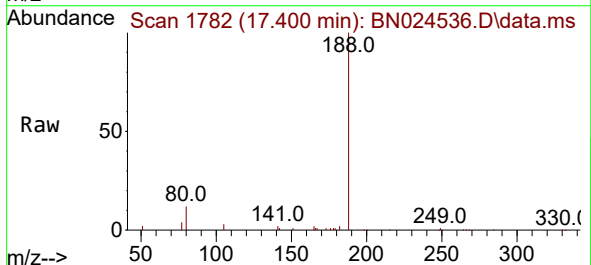
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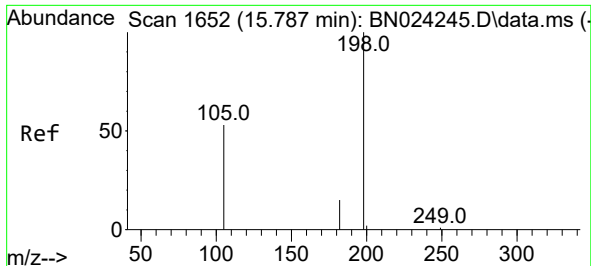
Tgt Ion:166 Resp: 1587
Ion Ratio Lower Upper
166 100
165 135.0 80.2 120.2#
167 56.7 10.8 16.2#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

Tgt Ion:188 Resp: 29831
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 8.9 13.3

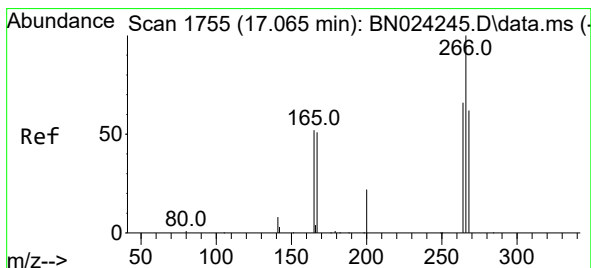
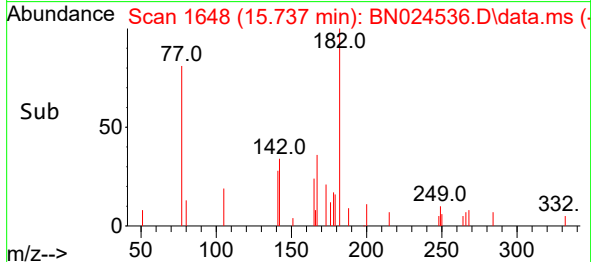
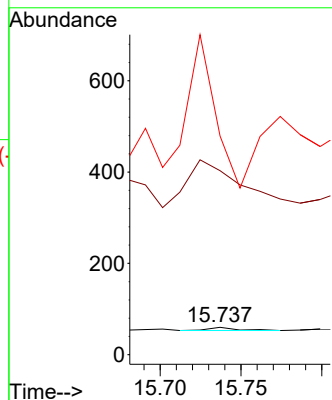
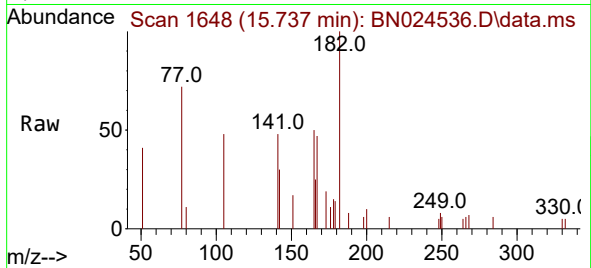




#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.737 min Scan# 1648
Delta R.T. -0.037 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

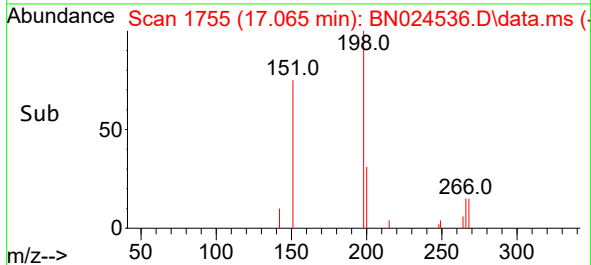
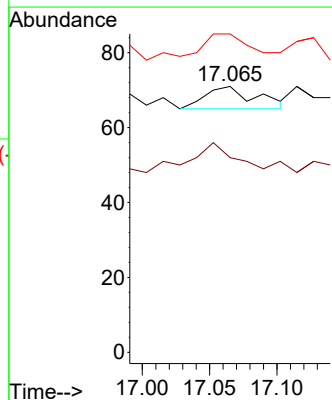
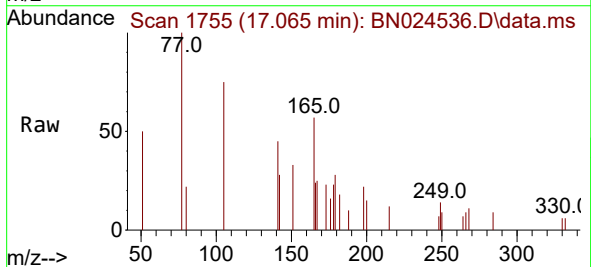
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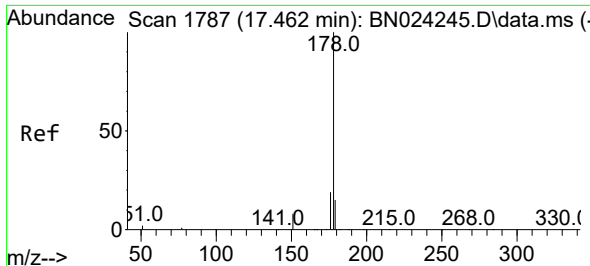
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 671.7 68.2 102.2#
105 798.3 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.130 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.012 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

Tgt Ion:266 Resp: 16
Ion Ratio Lower Upper
266 100
264 118.8 51.1 76.7#
268 93.8 52.2 78.4#

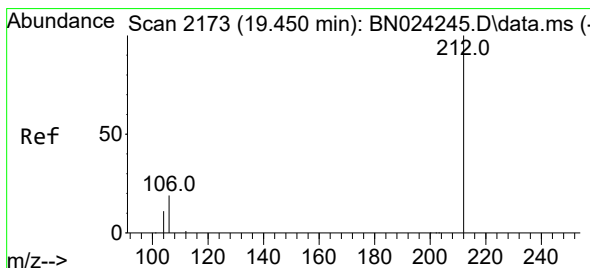
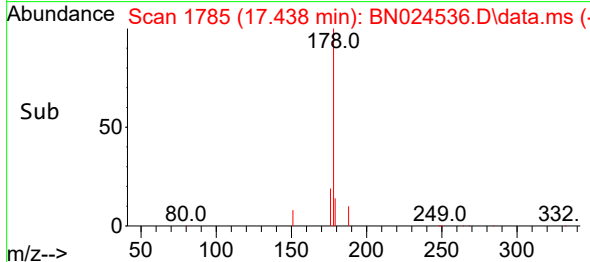
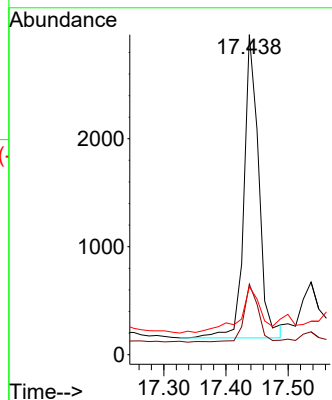
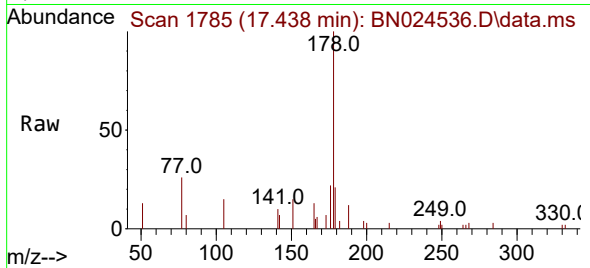




#25
Phenanthrene
Concen: 0.053 ng
RT: 17.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

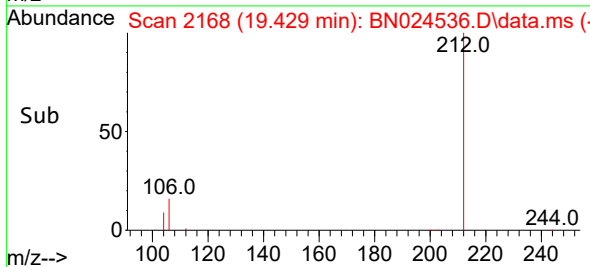
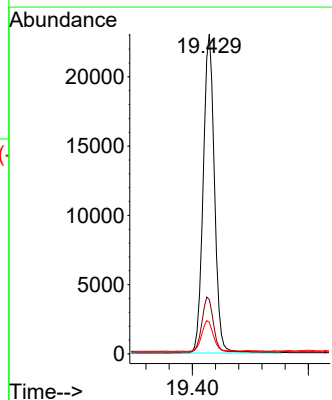
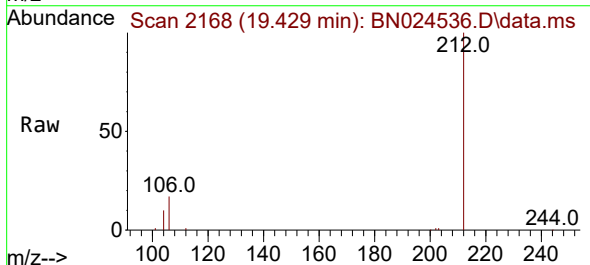
Instrument :
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ClientSampleId :
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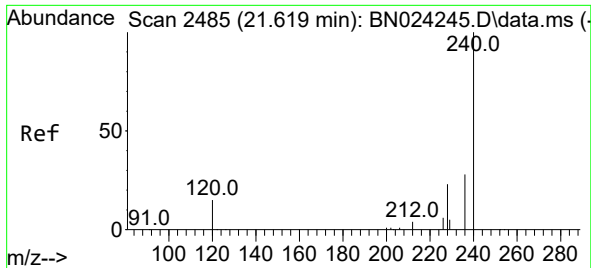
Tgt Ion:178 Resp: 4641
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 22.0 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.490 ng
RT: 19.429 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

Tgt Ion:212 Resp: 30967
Ion Ratio Lower Upper
212 100
106 17.3 15.4 23.2
104 10.0 8.6 13.0

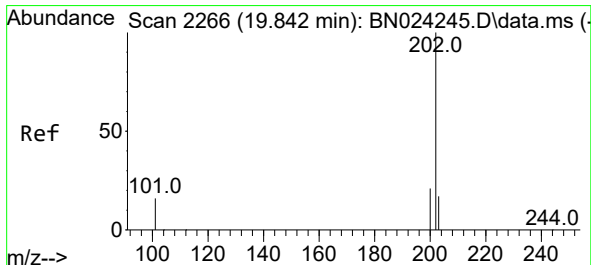
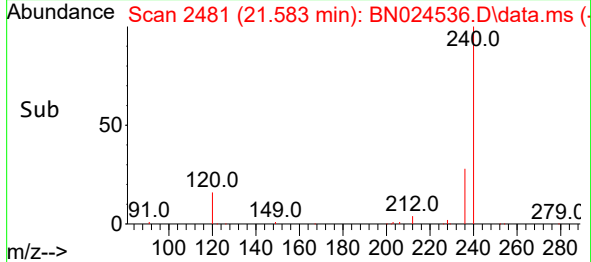
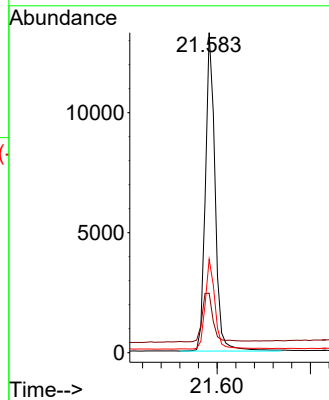
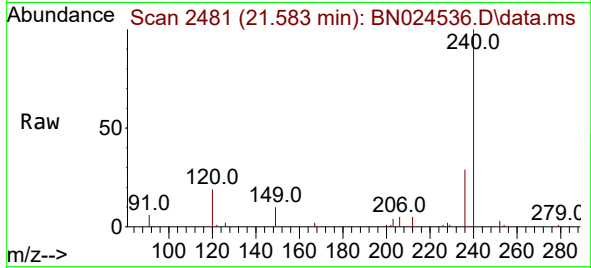




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.583 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

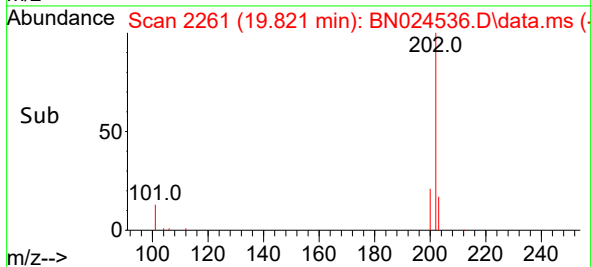
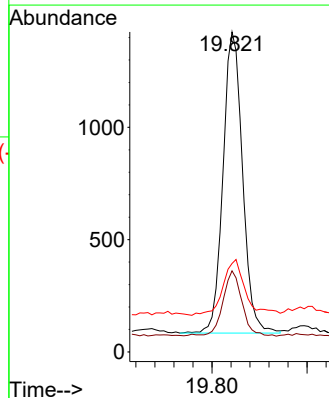
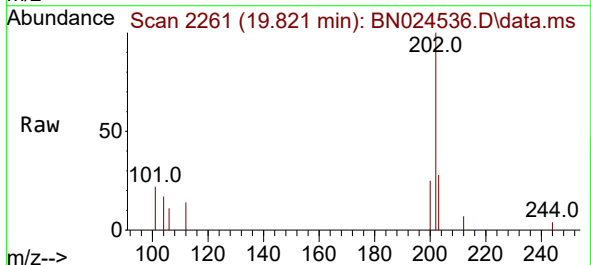
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230313

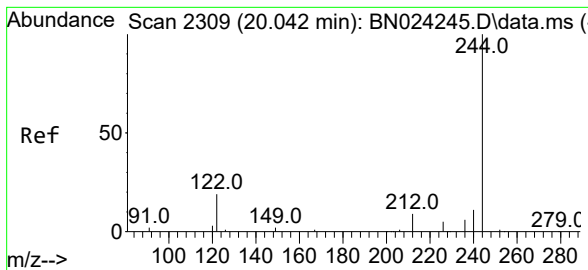
Tgt Ion:240 Resp: 19206
Ion Ratio Lower Upper
240 100
120 18.6 12.8 19.2
236 29.2 22.5 33.7



#30
Pyrene
Concen: 0.025 ng
RT: 19.821 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

Tgt Ion:202 Resp: 1918
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 21.1 14.2 21.2





#31

Terphenyl-d14

Concen: 0.581 ng

RT: 20.016 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN024536.D

Acq: 24 Mar 2023 08:19

Instrument :

BNA_N

ClientSampleId :

TT172S1-20230313

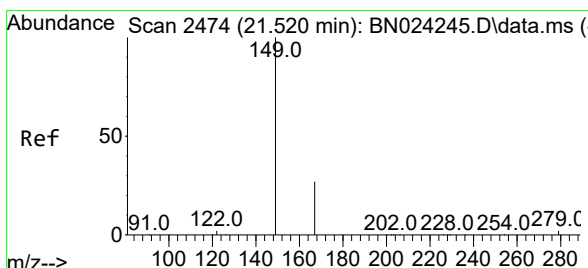
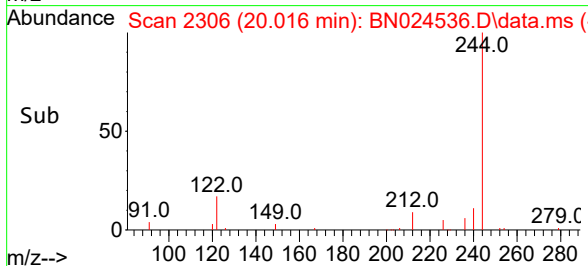
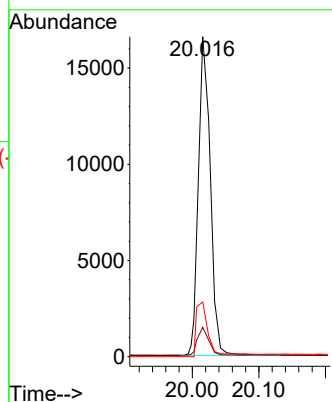
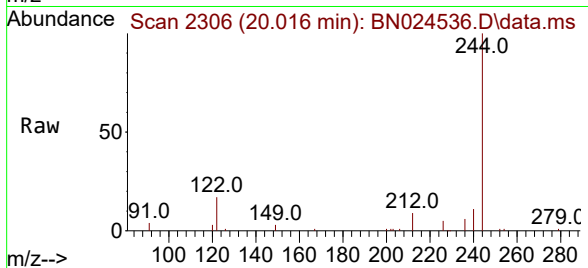
Tgt Ion:244 Resp: 18802

Ion Ratio Lower Upper

244 100

212 9.2 7.6 11.4

122 17.1 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.111 ng

RT: 21.484 min Scan# 2470

Delta R.T. -0.000 min

Lab File: BN024536.D

Acq: 24 Mar 2023 08:19

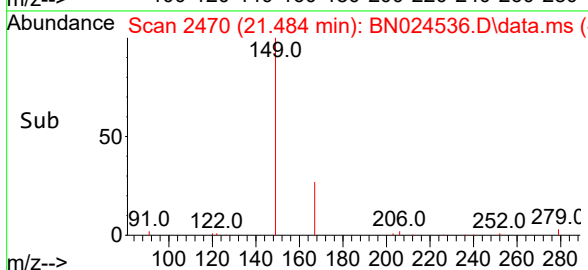
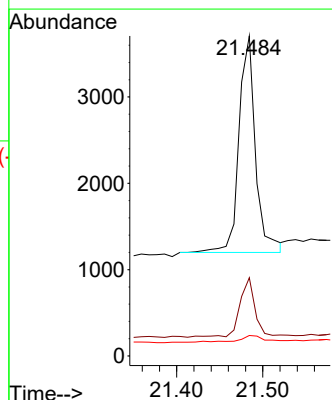
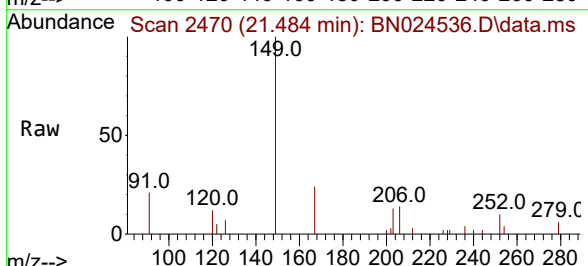
Tgt Ion:149 Resp: 3355

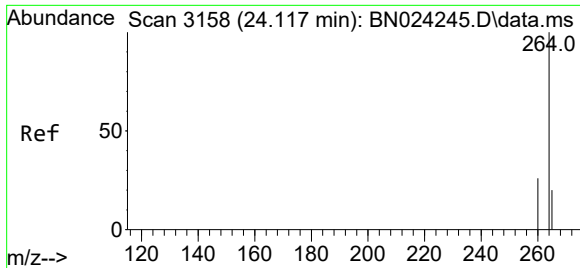
Ion Ratio Lower Upper

149 100

167 26.3 21.2 31.8

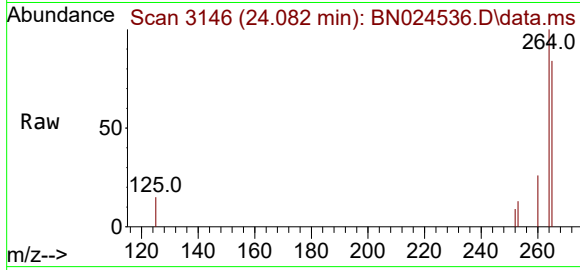
279 4.9 1.8 2.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.082 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN024536.D
 Acq: 24 Mar 2023 08:19

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20230313



Tgt Ion:264 Resp: 15911

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.4	32.2
265	84.3	35.7	53.5

