

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032723\
 Data File : BN024558.D
 Acq On : 27 Mar 2023 11:39
 Operator : CG/JU
 Sample : 01978-1DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230316DL

Quant Time: Mar 27 16:17:23 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)

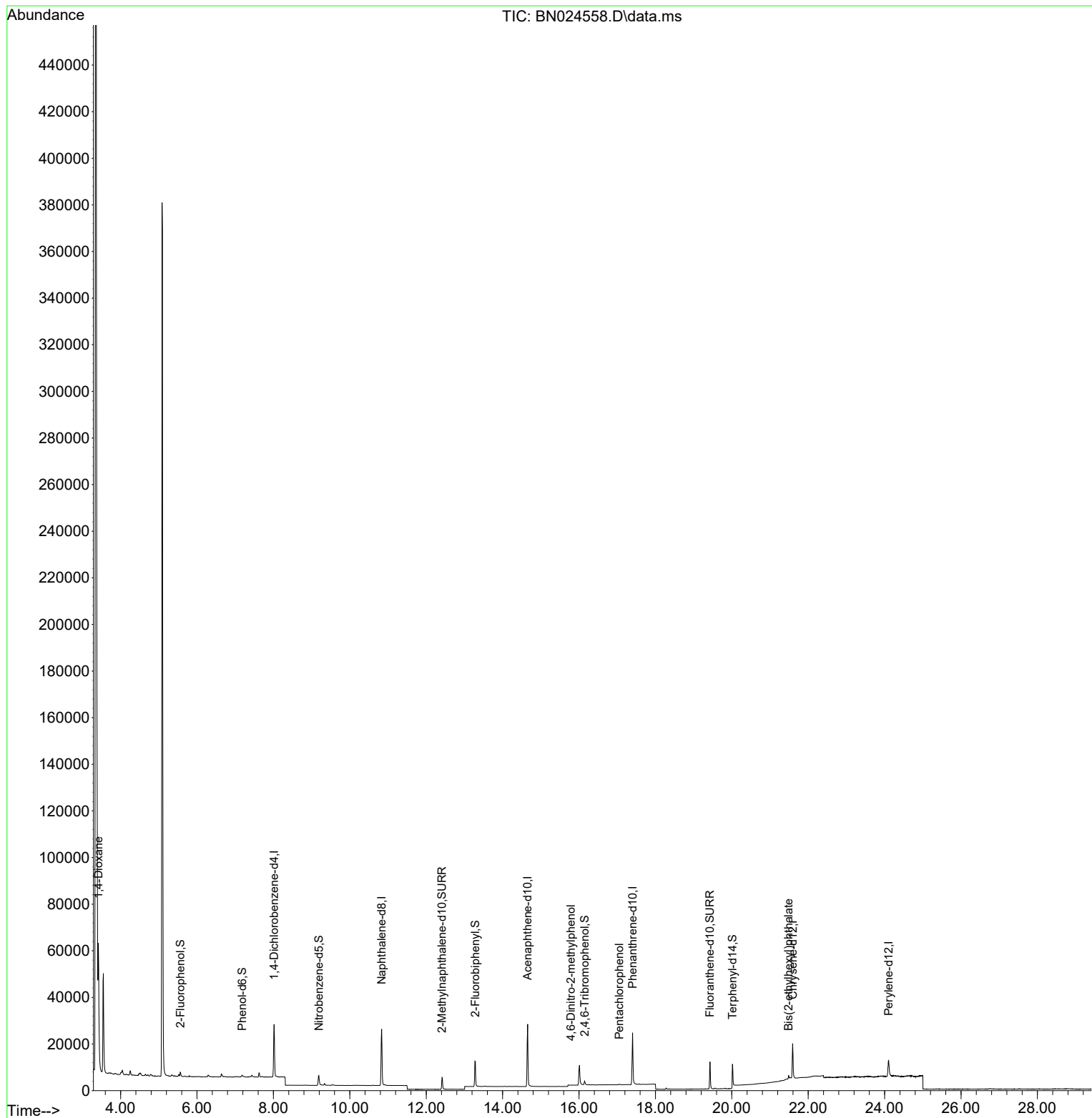
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.018	152	11407	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	32826	0.400	ng	0.00
13) Acenaphthene-d10	14.654	164	15941	0.400	ng	0.00
19) Phenanthrene-d10	17.401	188	31736	0.400	ng	0.00
29) Chrysene-d12	21.592	240	15745	0.400	ng	# 0.00
35) Perylene-d12	24.103	264	12505	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.563	112	1536	0.061	ng	0.00
5) Phenol-d6	7.181	99	1015	0.031	ng	0.00
8) Nitrobenzene-d5	9.190	82	4214	0.192	ng	0.00
11) 2-Methylnaphthalene-d10	12.414	152	7123	0.177	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	1031	0.127	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	10839	0.180	ng	0.00
27) Fluoranthene-d10	19.429	212	13065	0.194	ng	0.00
31) Terphenyl-d14	20.016	244	7278	0.274	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.418	88	28233	2.275	ng	Qvalue 97
20) 4,6-Dinitro-2-methylph...	15.787	198	7	0.179	ng	# 1
24) Pentachlorophenol	17.053	266	185	0.142	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.485	149	1923	0.078	ng	# 90

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

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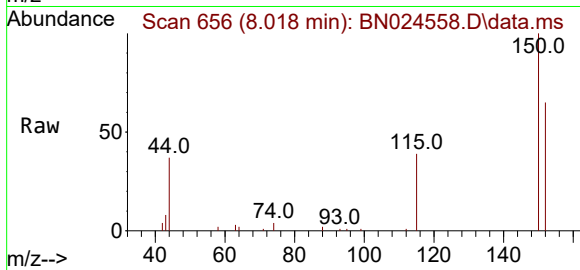
Quant Time: Mar 27 16:17:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 25 00:22:43 2023
Response via : Initial Calibration



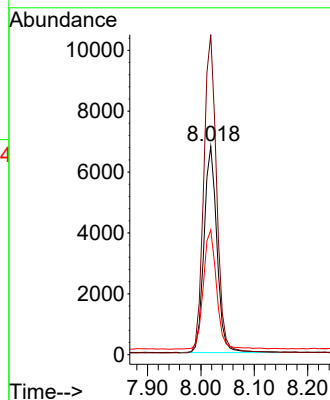
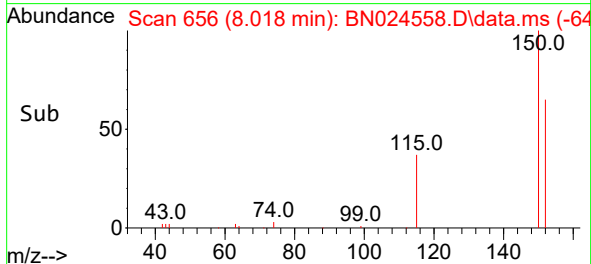


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.018 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

Instrument :
BNA_N
ClientSampleId :
SP-100-20230316DL

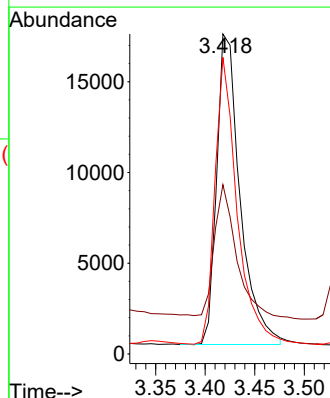
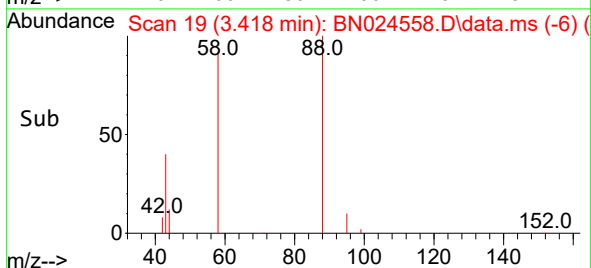
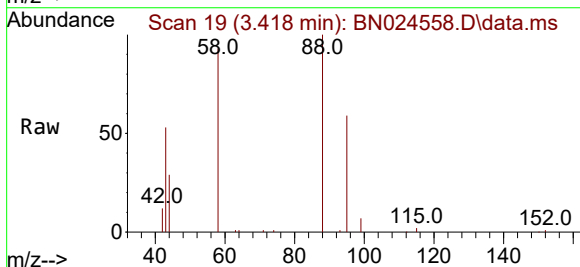


Tgt Ion:152 Resp: 11407
Ion Ratio Lower Upper
152 100
150 153.6 124.7 187.1
115 59.9 49.1 73.7



#2
1,4-Dioxane
Concen: 2.275 ng
RT: 3.418 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

Tgt Ion: 88 Resp: 28233
Ion Ratio Lower Upper
88 100
43 39.1 29.0 43.4
58 86.5 67.3 100.9

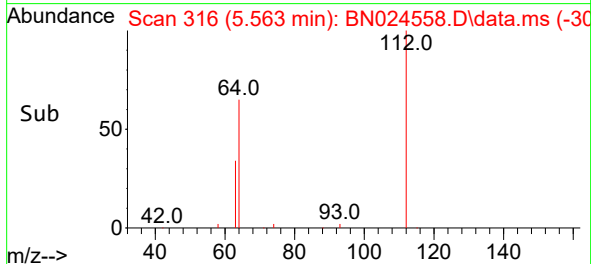
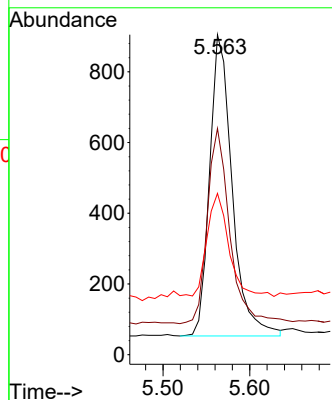
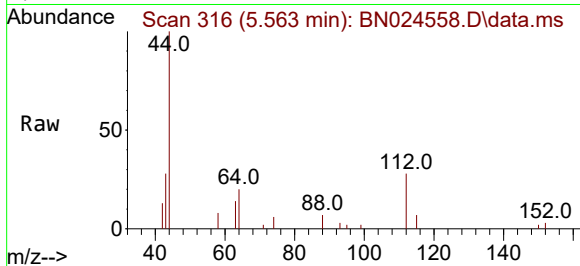




#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.563 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

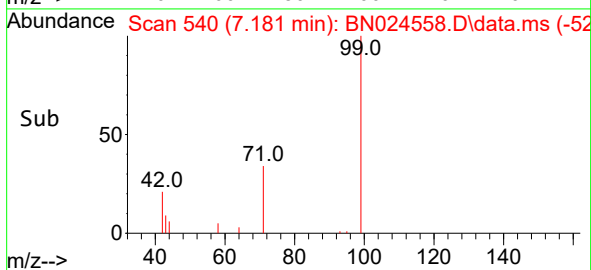
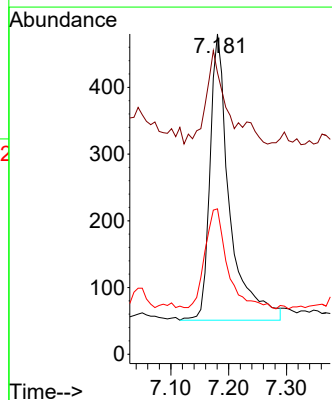
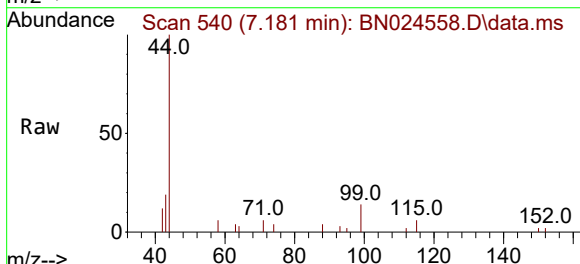
Instrument :
BNA_N
ClientSampleId :
SP-100-20230316DL

Tgt Ion:112 Resp: 1536
Ion Ratio Lower Upper
112 100
64 64.8 49.0 73.6
63 33.5 25.7 38.5



#5
Phenol-d6
Concen: 0.031 ng
RT: 7.181 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

Tgt Ion: 99 Resp: 1015
Ion Ratio Lower Upper
99 100
42 31.0 20.1 30.1#
71 40.1 25.8 38.8#

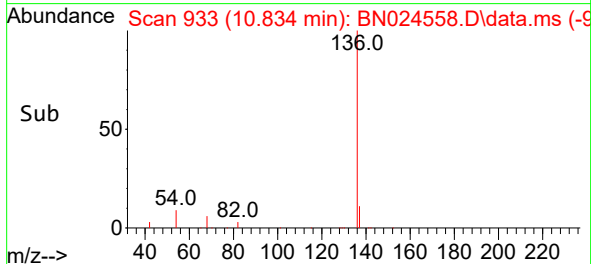
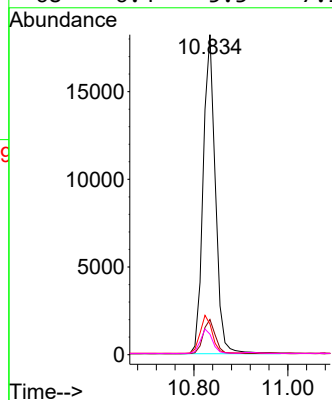
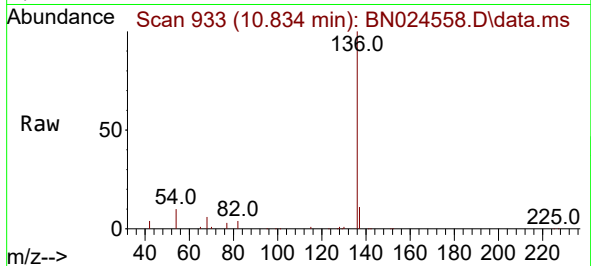




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

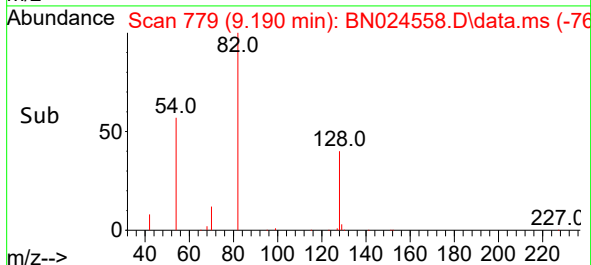
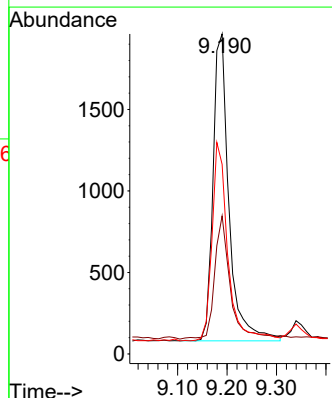
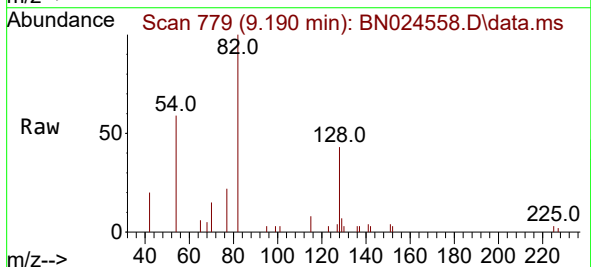
Instrument :
BNA_N
ClientSampleId :
SP-100-20230316DL

Tgt Ion:	136	Resp:	32826
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.6	7.1	10.7
68	6.4	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.192 ng
RT: 9.190 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

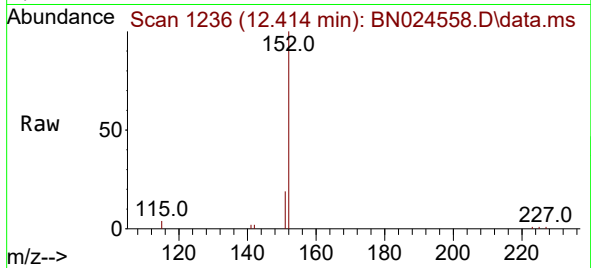
Tgt Ion:	82	Resp:	4214
Ion Ratio	Lower	Upper	
82	100		
128	43.1	32.4	48.6
54	59.2	45.2	67.8



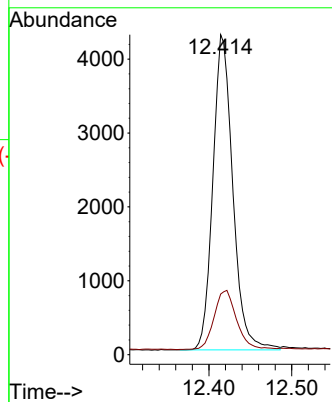
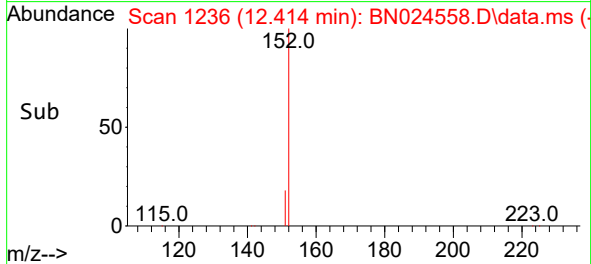


#11
2-Methylnaphthalene-d10
Concen: 0.177 ng
RT: 12.414 min Scan# 1236
Delta R.T. -0.004 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

Instrument :
BNA_N
ClientSampleId :
SP-100-20230316DL

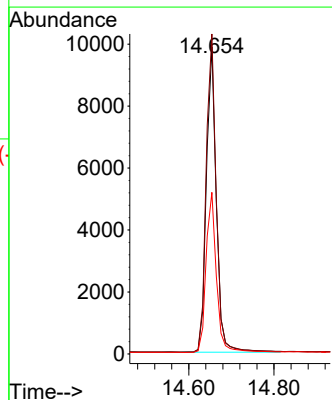
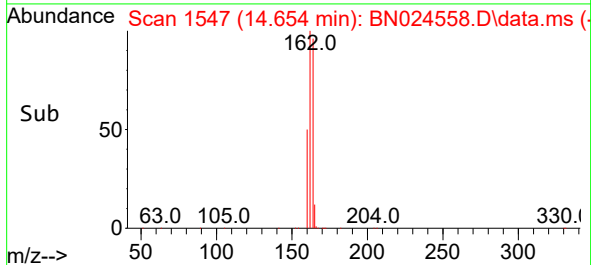
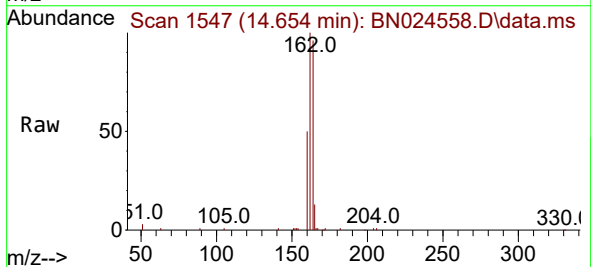


Tgt Ion:152 Resp: 7123
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

Tgt Ion:164 Resp: 15941
Ion Ratio Lower Upper
164 100
162 104.2 84.7 127.1
160 52.6 44.6 66.8

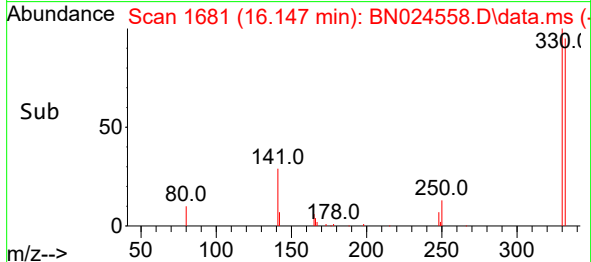
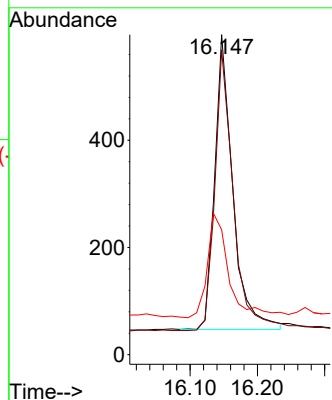
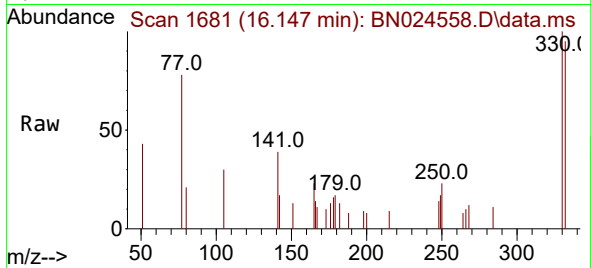




#14
2,4,6-Tribromophenol
Concen: 0.127 ng
RT: 16.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

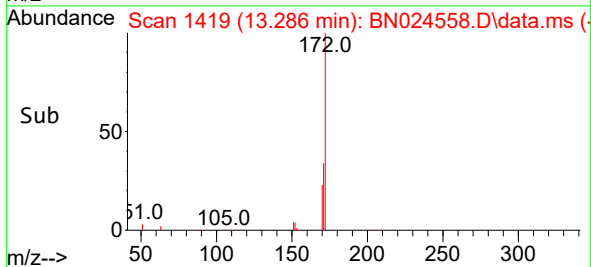
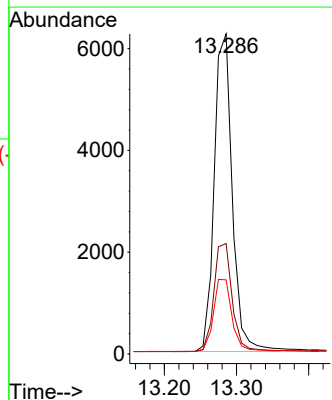
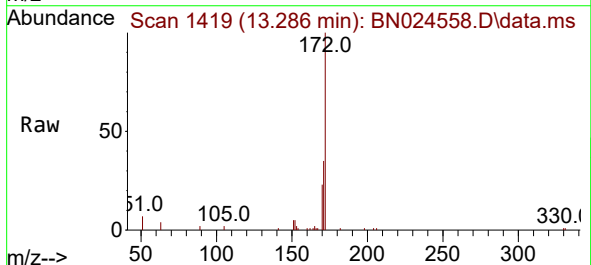
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SP-100-20230316DL

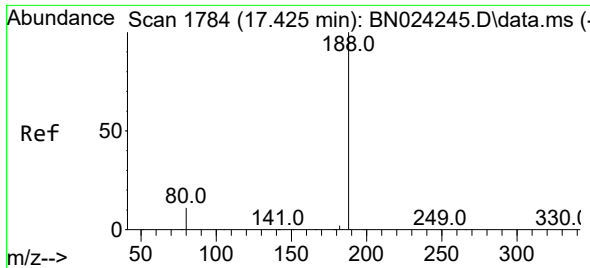
Tgt Ion:330 Resp: 1031
Ion Ratio Lower Upper
330 100
332 97.9 78.0 117.0
141 42.3 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.180 ng
RT: 13.286 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

Tgt Ion:172 Resp: 10839
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.2 19.0 28.6

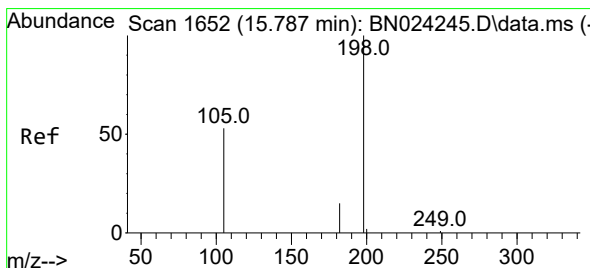
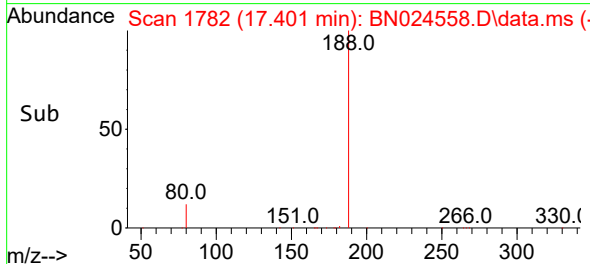
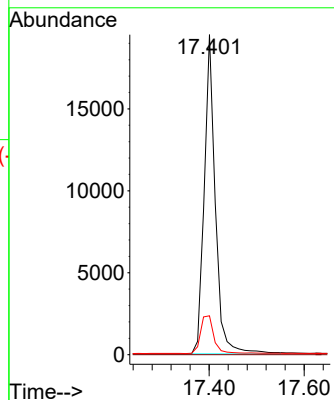
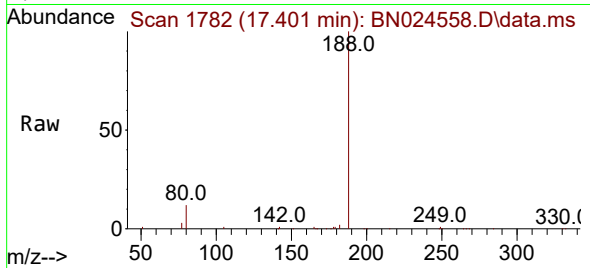




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.401 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

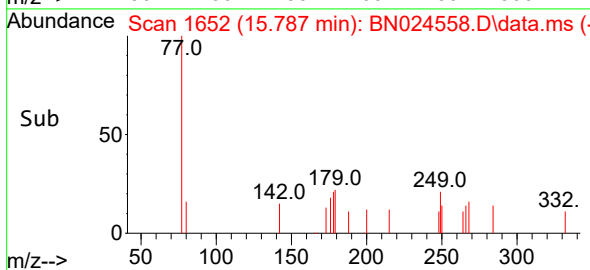
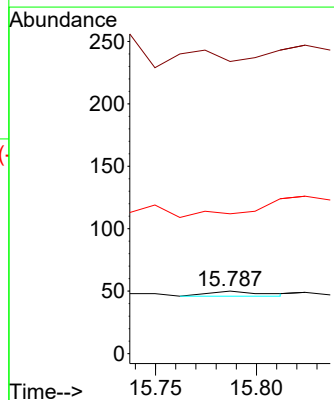
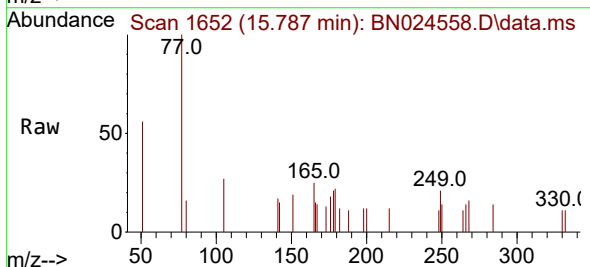
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ClientSampleId :
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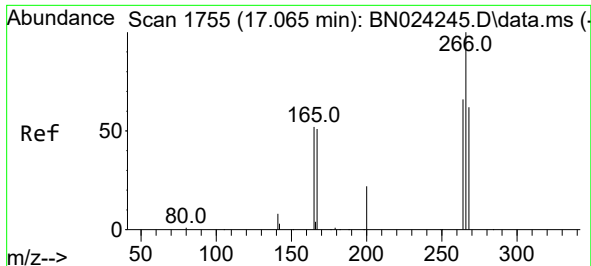
Tgt Ion:188 Resp: 31736
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 8.9 13.3



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.013 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 468.0 68.2 102.2#
105 224.0 51.6 77.4#

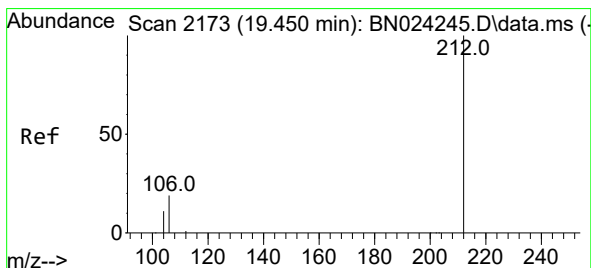
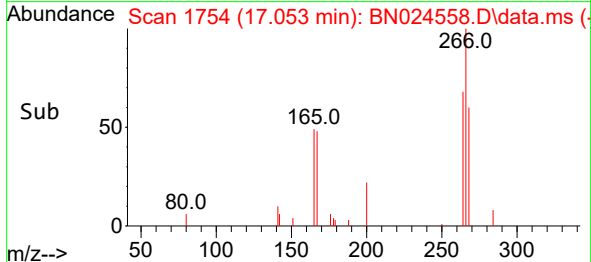
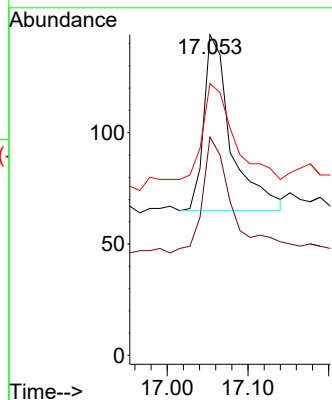
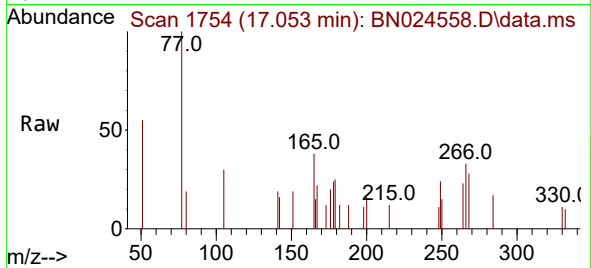




#24
Pentachlorophenol
Concen: 0.142 ng
RT: 17.053 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

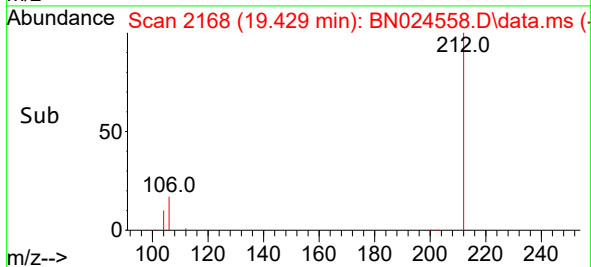
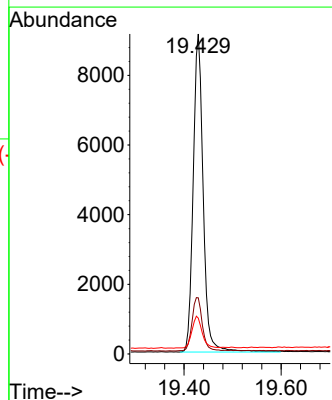
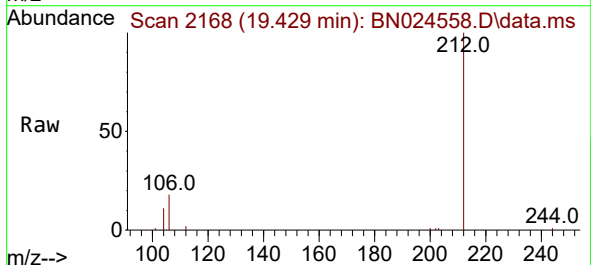
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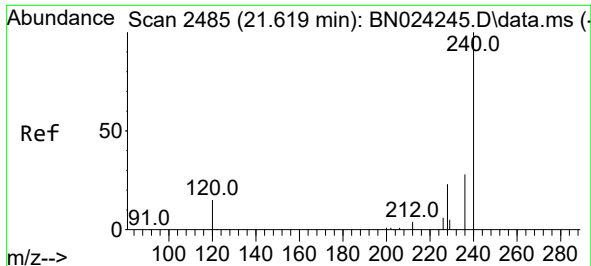
Tgt Ion:266 Resp: 185
Ion Ratio Lower Upper
266 100
264 77.8 51.1 76.7#
268 60.5 52.2 78.4



#27
Fluoranthene-d10
Concen: 0.194 ng
RT: 19.429 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

Tgt Ion:212 Resp: 13065
Ion Ratio Lower Upper
212 100
106 17.4 15.4 23.2
104 10.3 8.6 13.0

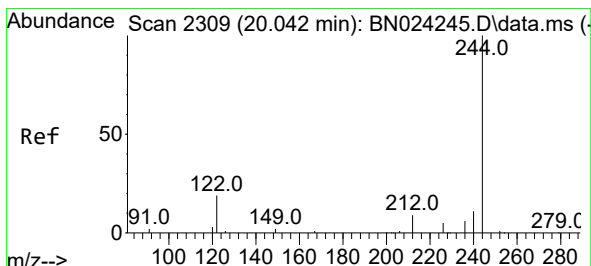
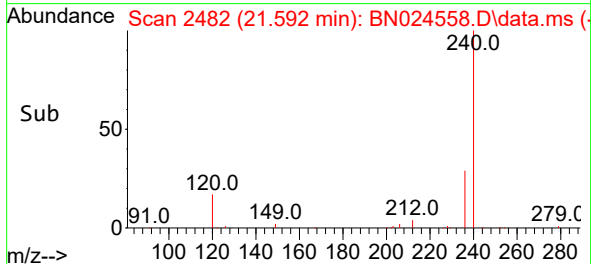
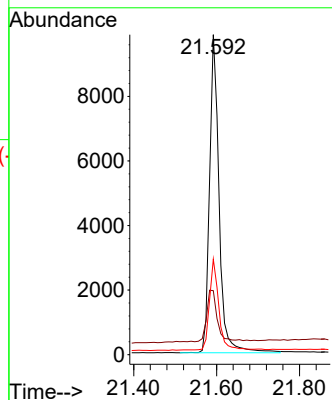
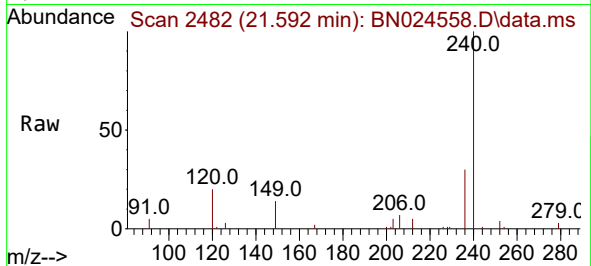




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.592 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

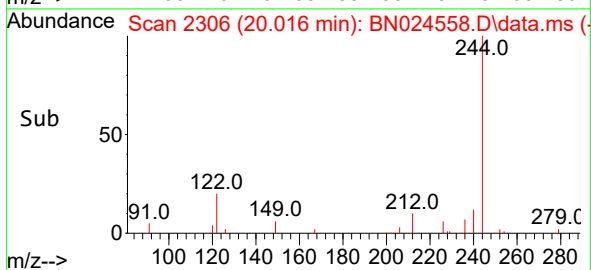
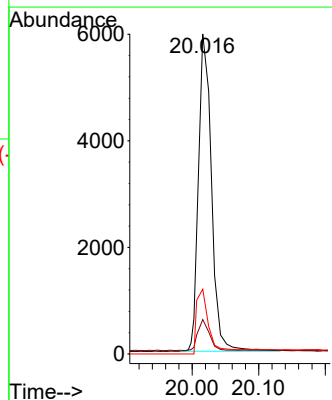
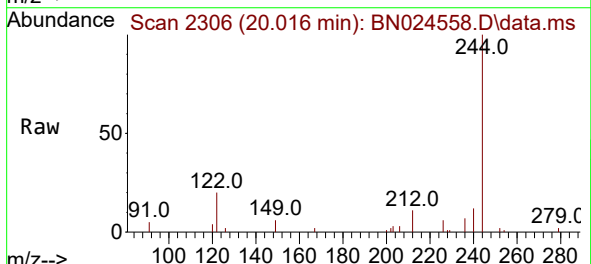
Instrument :
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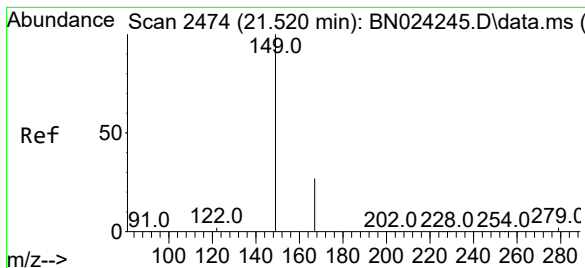
Tgt Ion:240 Resp: 15745
Ion Ratio Lower Upper
240 100
120 20.0 12.8 19.2#
236 29.8 22.5 33.7



#31
Terphenyl-d14
Concen: 0.274 ng
RT: 20.016 min Scan# 2306
Delta R.T. 0.000 min
Lab File: BN024558.D
Acq: 27 Mar 2023 11:39

Tgt Ion:244 Resp: 7278
Ion Ratio Lower Upper
244 100
212 10.8 7.6 11.4
122 20.2 15.1 22.7





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

RT: 21.485 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BN024558.D

Acq: 27 Mar 2023 11:39

Instrument :

BNA_N

ClientSampleId :

SP-100-20230316DL

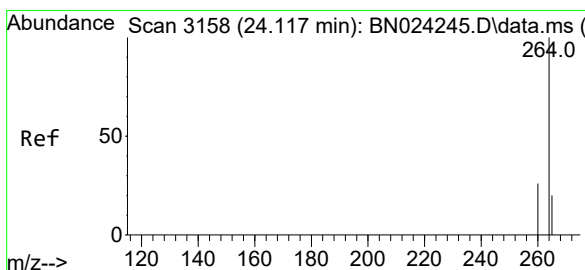
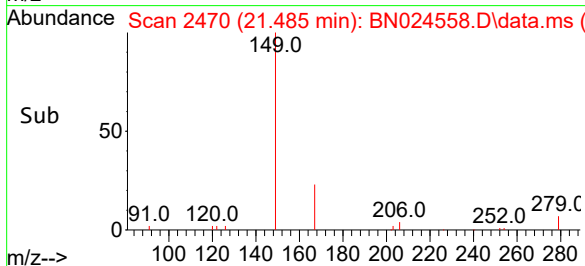
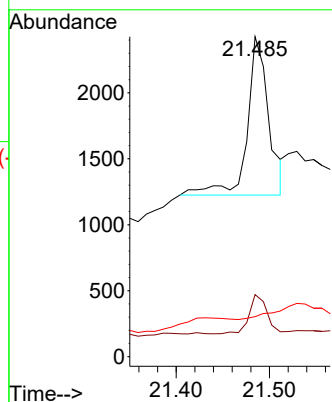
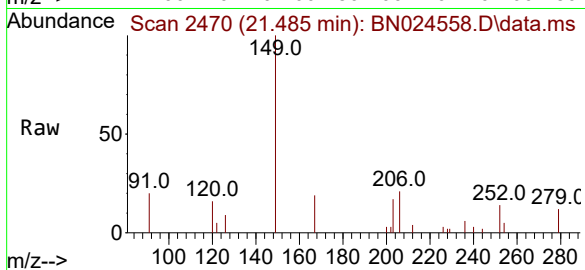
Tgt Ion:149 Resp: 1923

Ion Ratio Lower Upper

149 100

167 21.0 21.2 31.8#

279 0.0 1.8 2.8#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.103 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BN024558.D

Acq: 27 Mar 2023 11:39

Tgt Ion:264 Resp: 12505

Ion Ratio Lower Upper

264 100

260 27.6 21.4 32.2

265 99.1 35.7 53.5#

