

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024512.D
 Acq On : 23 Mar 2023 14:34
 Operator : CG/JU
 Sample : 01941-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20230313

Quant Time: Mar 24 02:36:51 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)

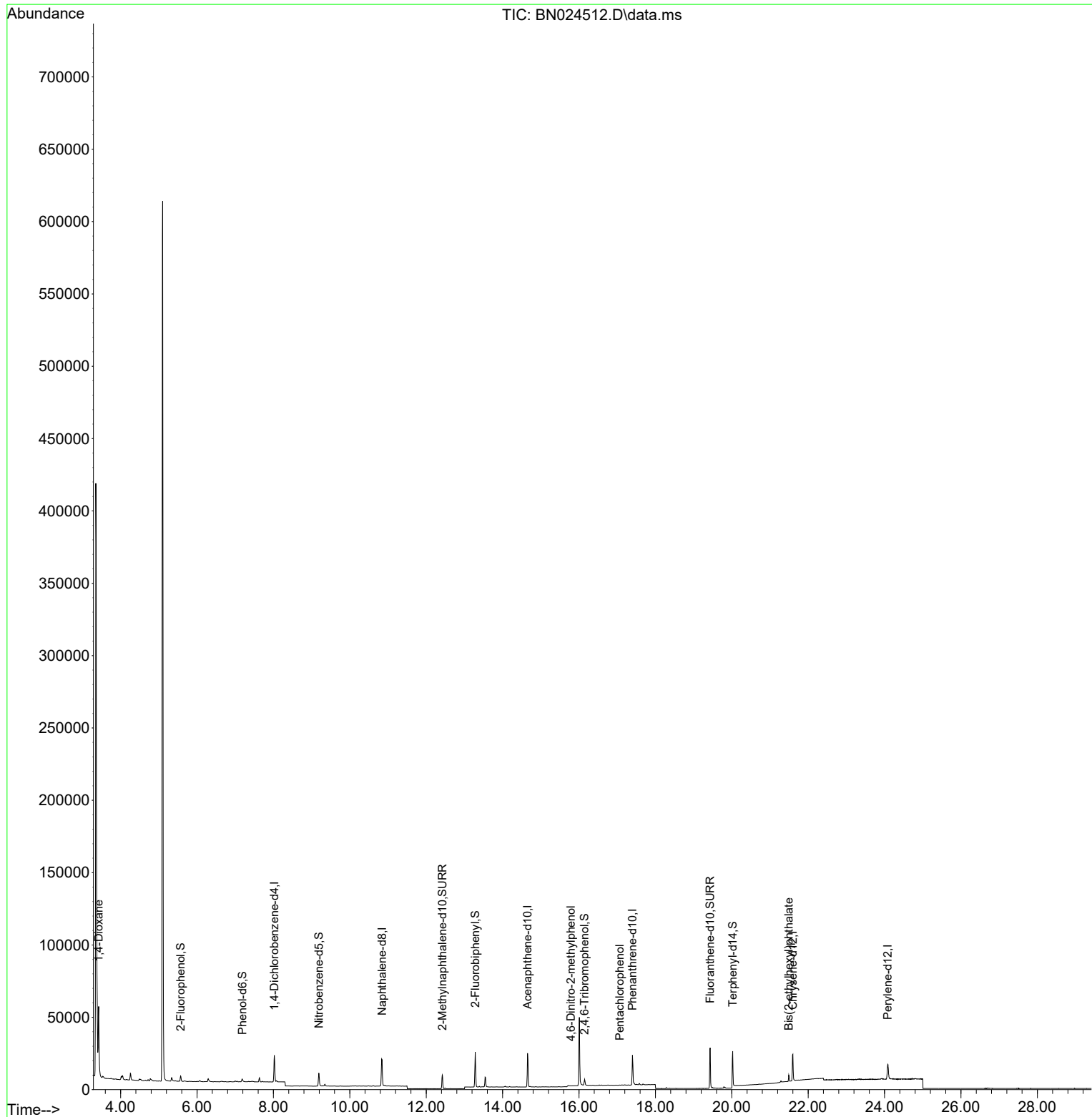
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	9275	0.400	ng	0.00
7) Naphthalene-d8	10.844	136	26426	0.400	ng	0.01
13) Acenaphthene-d10	14.654	164	13478	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	28590	0.400	ng	# 0.00
29) Chrysene-d12	21.600	240	19037	0.400	ng	0.00
35) Perylene-d12	24.085	264	16561	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.569	112	3080	0.150	ng	0.00
5) Phenol-d6	7.187	99	2015	0.076	ng	0.00
8) Nitrobenzene-d5	9.189	82	7544	0.427	ng	0.00
11) 2-Methylnaphthalene-d10	12.421	152	13119	0.404	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	2502	0.363	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	19993	0.393	ng	0.00
27) Fluoranthene-d10	19.433	212	29862	0.493	ng	0.00
31) Terphenyl-d14	20.024	244	18554	0.578	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	28549	2.829	ng	Qvalue 97
20) 4,6-Dinitro-2-methylph...	15.786	198	1	0.178	ng	# 1
24) Pentachlorophenol	17.065	266	56	0.133	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.493	149	4469	0.149	ng	# 97

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

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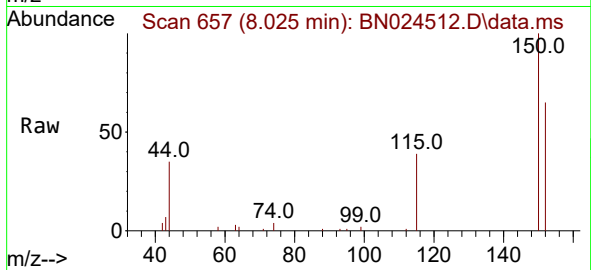
Quant Time: Mar 24 02:36:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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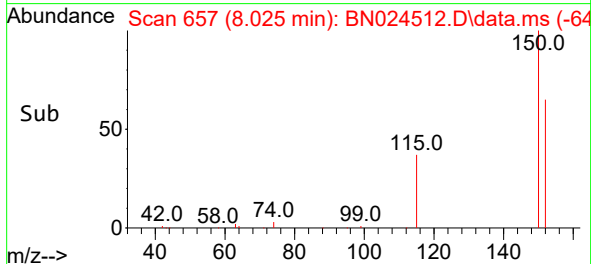
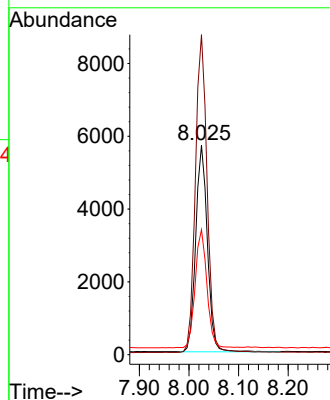


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.025 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN024512.D
Acq: 23 Mar 2023 14:34

Instrument :
BNA_N
ClientSampleId :
TT180D1-20230313

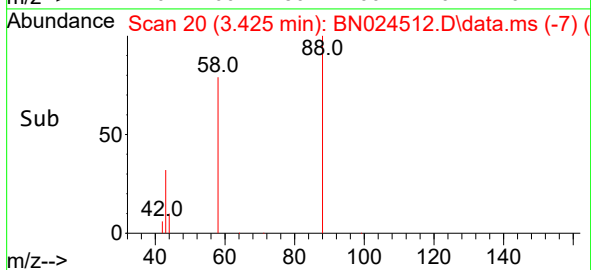
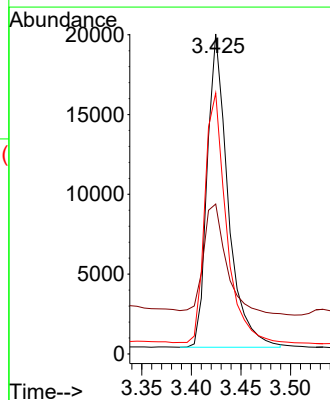
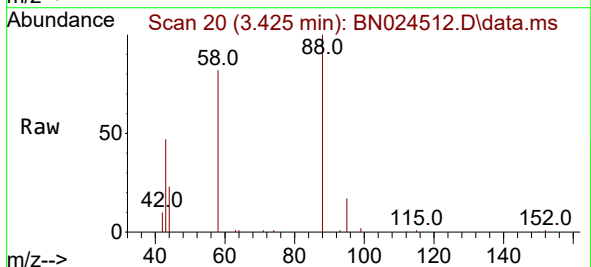


Tgt Ion:152 Resp: 9275
Ion Ratio Lower Upper
152 100
150 152.7 124.7 187.1
115 59.7 49.1 73.7



#2
1,4-Dioxane
Concen: 2.829 ng
RT: 3.425 min Scan# 20
Delta R.T. -0.008 min
Lab File: BN024512.D
Acq: 23 Mar 2023 14:34

Tgt Ion: 88 Resp: 28549
Ion Ratio Lower Upper
88 100
43 38.3 29.0 43.4
58 82.0 67.3 100.9

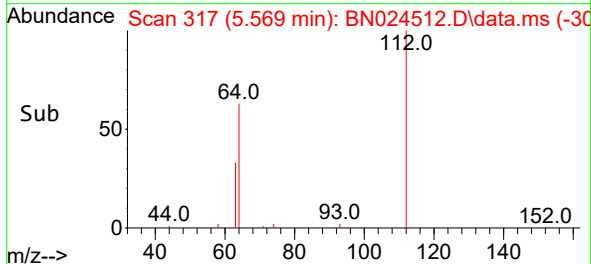
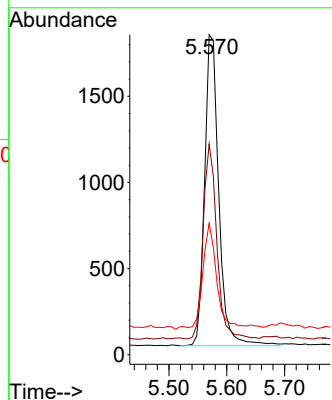
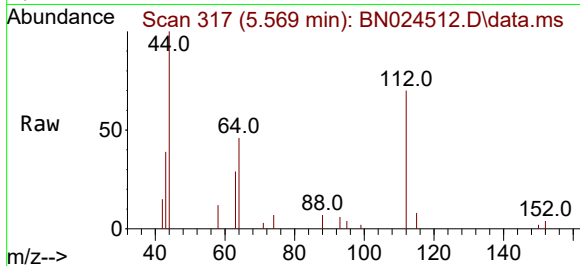




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.569 min Scan# 31
Delta R.T. -0.001 min
Lab File: BN024512.D
Acq: 23 Mar 2023 14:34

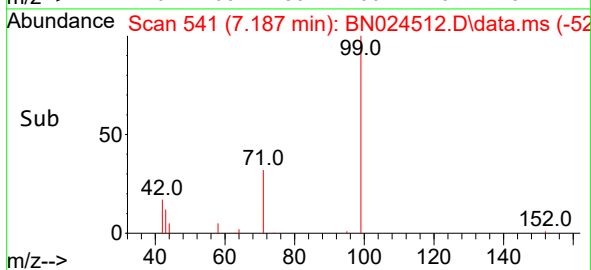
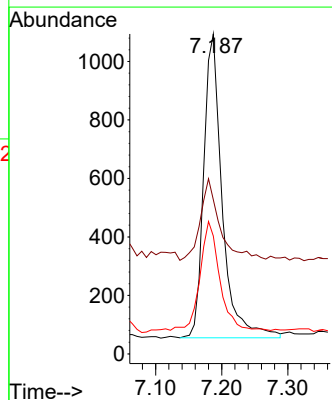
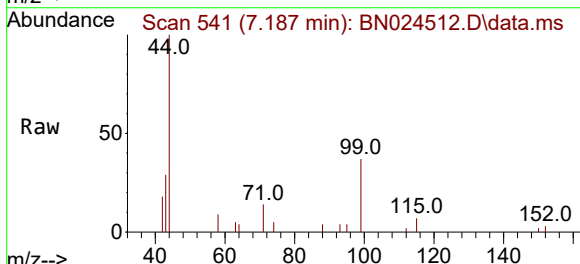
Instrument :
BNA_N
ClientSampleId :
TT180D1-20230313

Tgt Ion:112 Resp: 3080
Ion Ratio Lower Upper
112 100
64 60.5 49.0 73.6
63 34.1 25.7 38.5



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.187 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN024512.D
Acq: 23 Mar 2023 14:34

Tgt Ion: 99 Resp: 2015
Ion Ratio Lower Upper
99 100
42 28.5 20.1 30.1
71 38.3 25.8 38.8

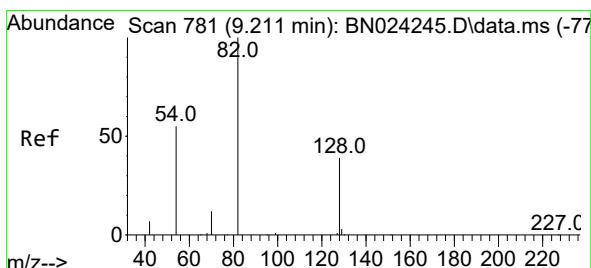
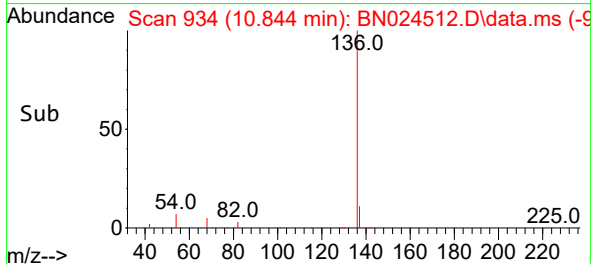
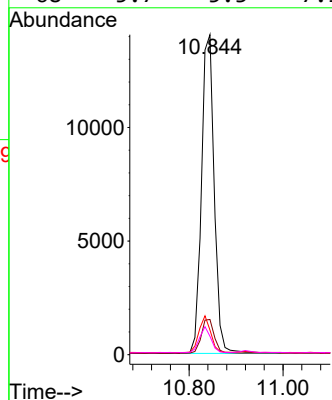
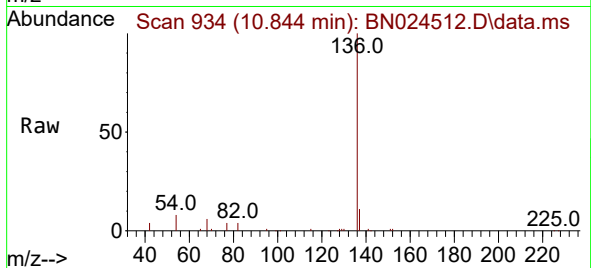




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.844 min Scan# 91
Delta R.T. 0.010 min
Lab File: BN024512.D
Acq: 23 Mar 2023 14:34

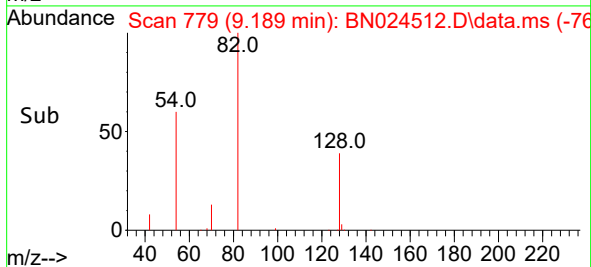
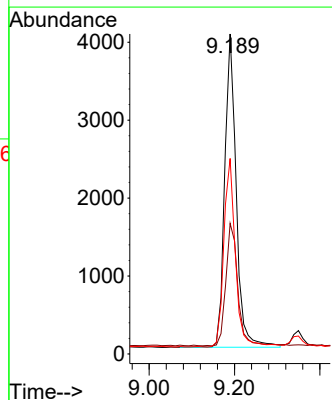
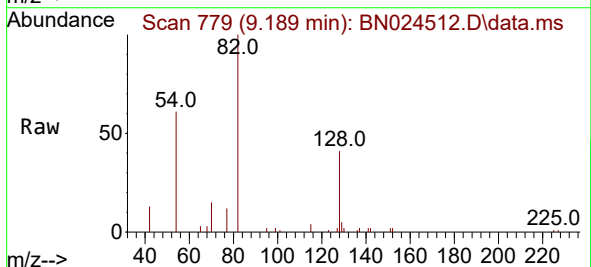
Instrument :
BNA_N
ClientSampleId :
TT180D1-20230313

Tgt Ion:	136	Resp:	26426
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.7	7.1	10.7
68	5.7	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 9.189 min Scan# 779
Delta R.T. -0.001 min
Lab File: BN024512.D
Acq: 23 Mar 2023 14:34

Tgt Ion:	82	Resp:	7544
Ion Ratio	Lower	Upper	
82	100		
128	40.8	32.4	48.6
54	61.1	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 12.421 min Scan# 11

Delta R.T. 0.003 min

Lab File: BN024512.D

Acq: 23 Mar 2023 14:34

Instrument :

BNA_N

ClientSampleId :

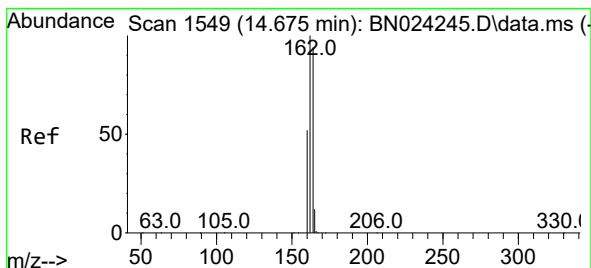
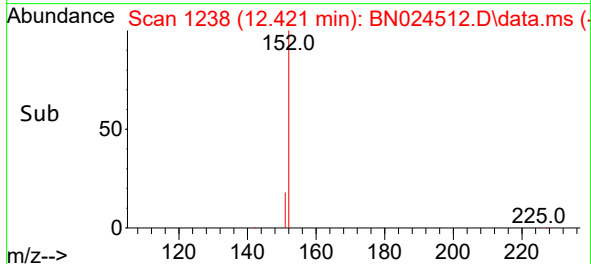
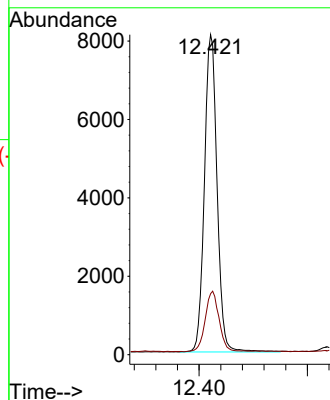
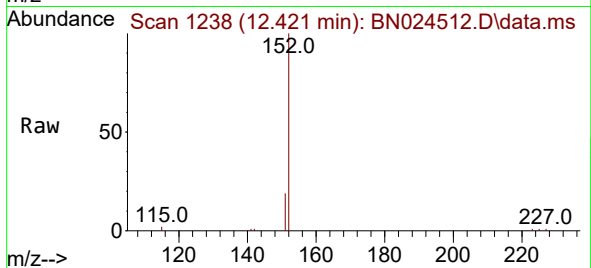
TT180D1-20230313

Tgt Ion:152 Resp: 13119

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. -0.001 min

Lab File: BN024512.D

Acq: 23 Mar 2023 14:34

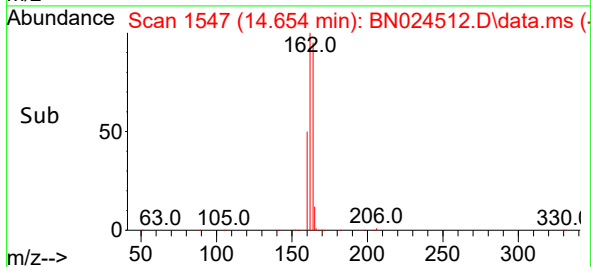
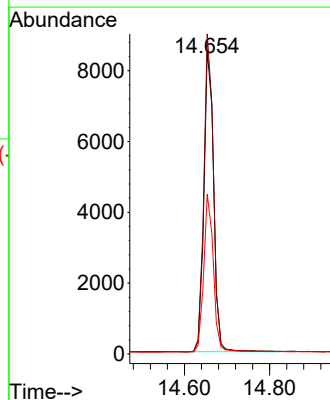
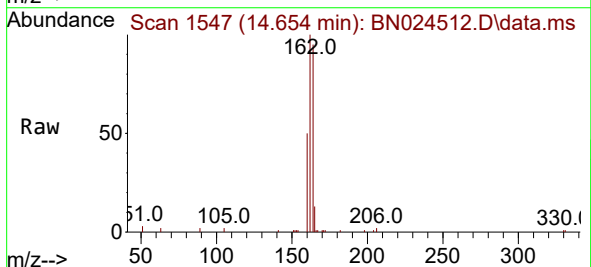
Tgt Ion:164 Resp: 13478

Ion Ratio Lower Upper

164 100

162 105.3 84.7 127.1

160 52.6 44.6 66.8

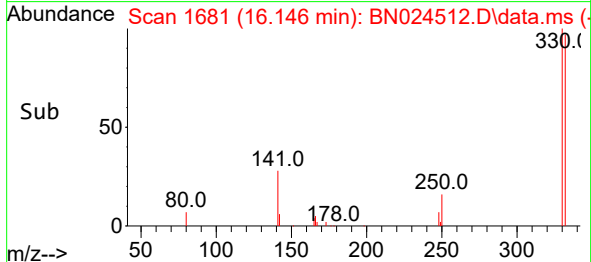
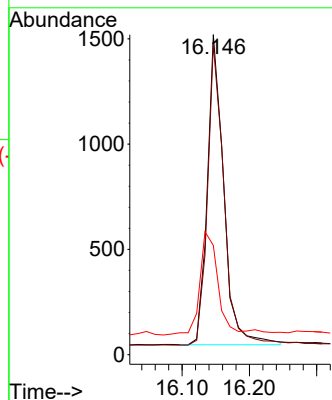
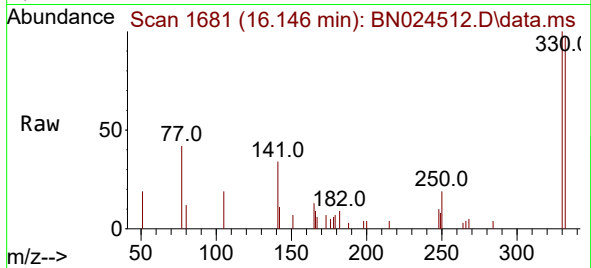




#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 16.146 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN024512.D
Acq: 23 Mar 2023 14:34

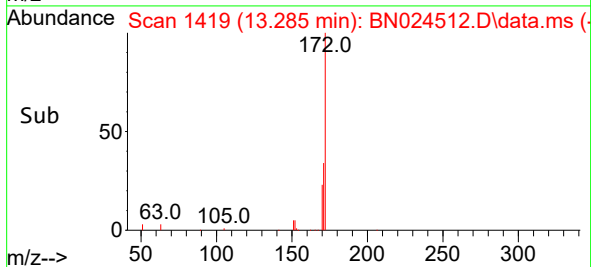
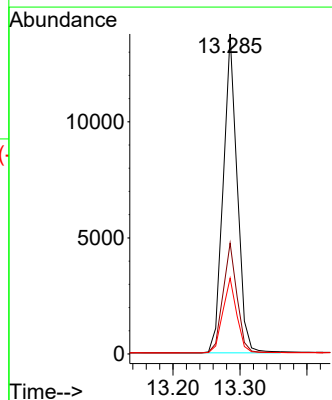
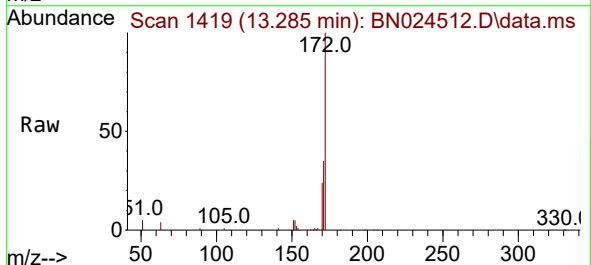
Instrument :
BNA_N
ClientSampleId :
TT180D1-20230313

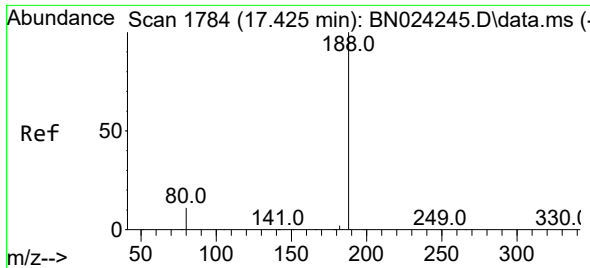
Tgt Ion:330 Resp: 2502
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 38.4 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.285 min Scan# 1419
Delta R.T. -0.001 min
Lab File: BN024512.D
Acq: 23 Mar 2023 14:34

Tgt Ion:172 Resp: 19993
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.7 19.0 28.6

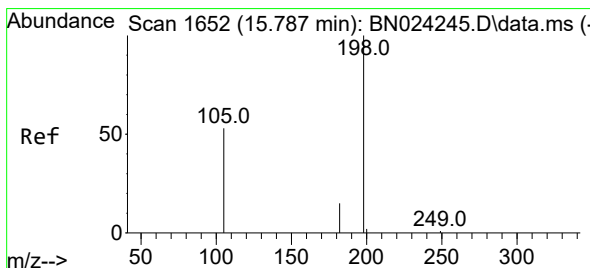
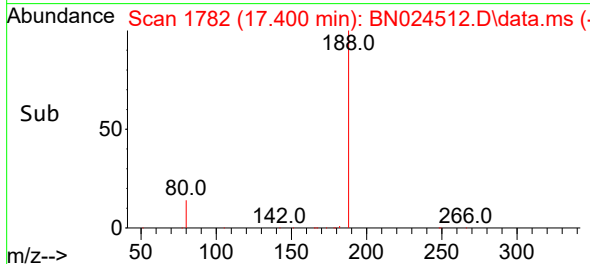
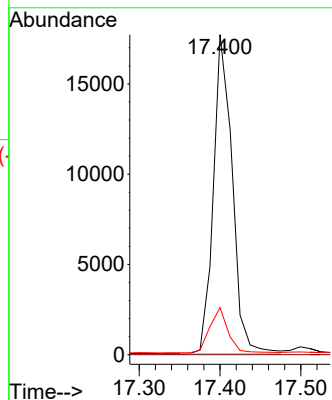
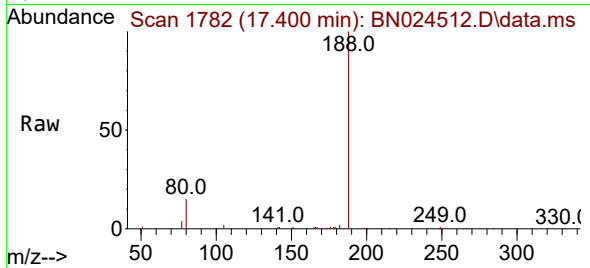




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN024512.D
Acq: 23 Mar 2023 14:34

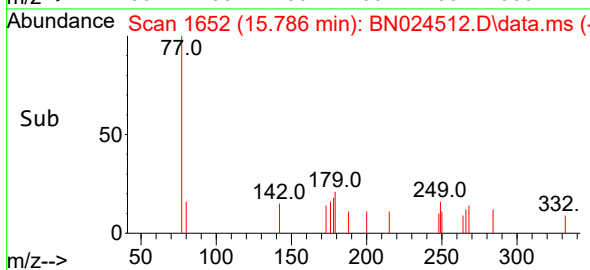
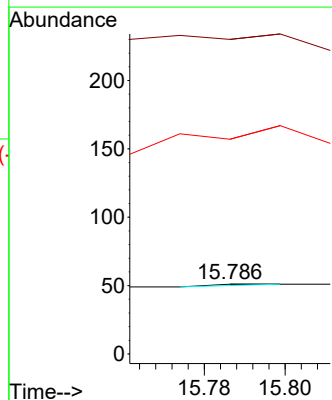
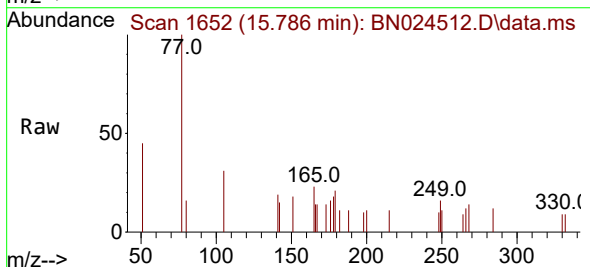
Instrument :
BNA_N
ClientSampleId :
TT180D1-20230313

Tgt Ion:188 Resp: 28590
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.786 min Scan# 1652
Delta R.T. 0.012 min
Lab File: BN024512.D
Acq: 23 Mar 2023 14:34

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 451.0 68.2 102.2#
105 307.8 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.133 ng

RT: 17.065 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN024512.D

Acq: 23 Mar 2023 14:34

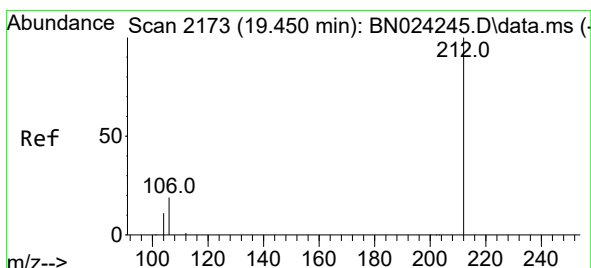
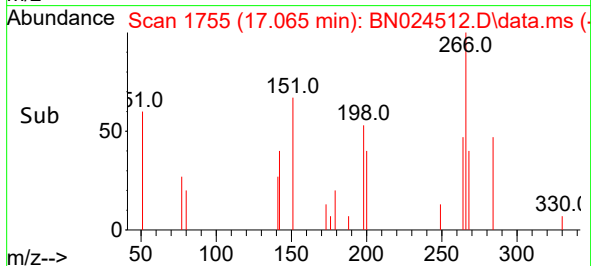
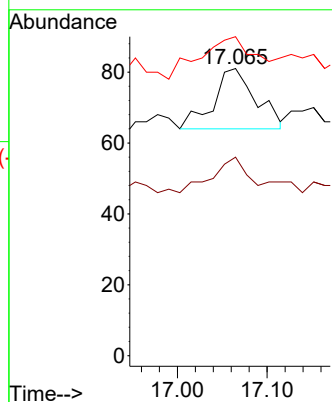
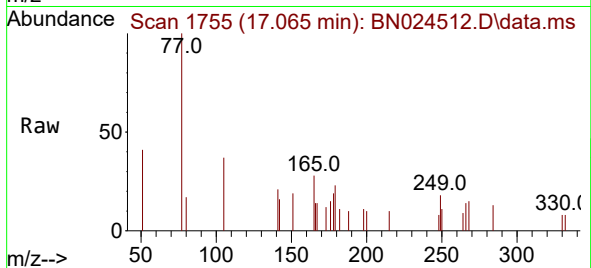
Instrument :

BNA_N

ClientSampleId :

TT180D1-20230313

Tgt Ion:	266	Resp:	56
Ion Ratio	Lower	Upper	
266	100		
264	60.7	51.1	76.7
268	91.1	52.2	78.4



#27

Fluoranthene-d10

Concen: 0.493 ng

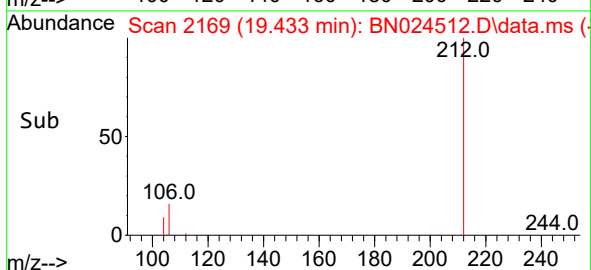
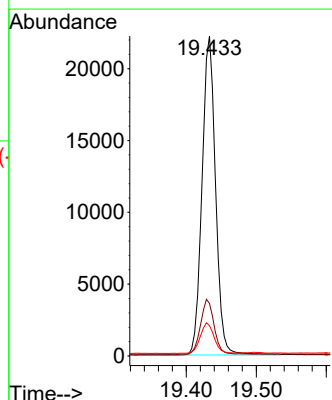
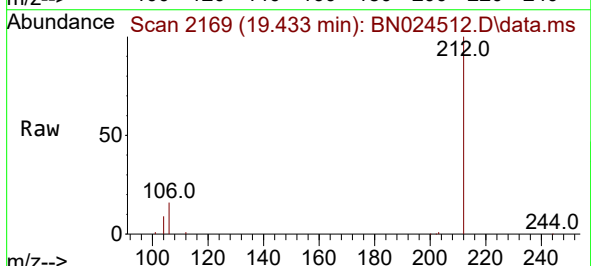
RT: 19.433 min Scan# 2169

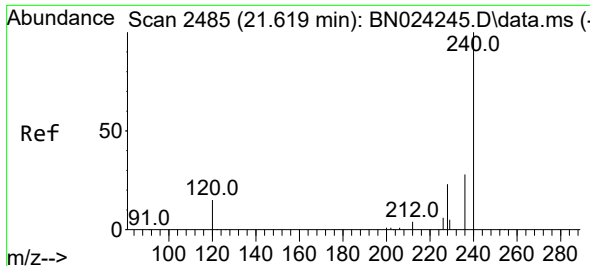
Delta R.T. 0.004 min

Lab File: BN024512.D

Acq: 23 Mar 2023 14:34

Tgt Ion:	212	Resp:	29862
Ion Ratio	Lower	Upper	
212	100		
106	17.1	15.4	23.2
104	9.8	8.6	13.0

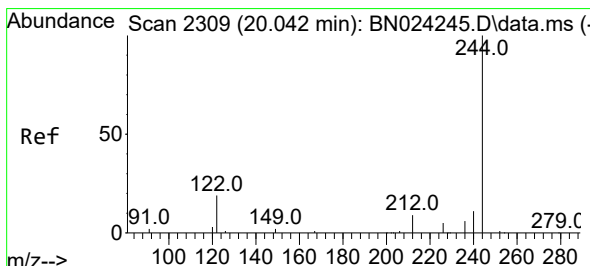
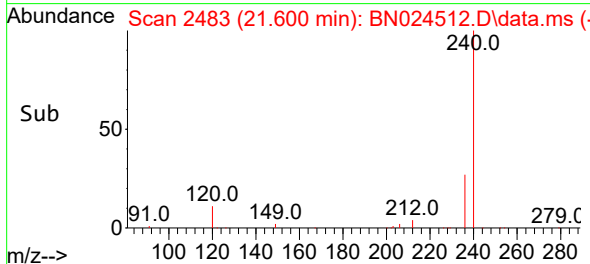
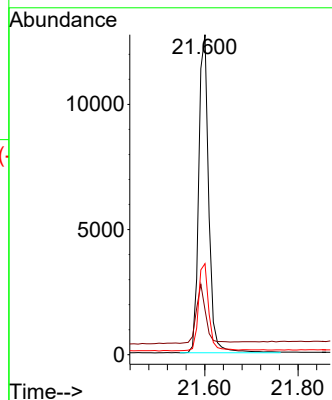
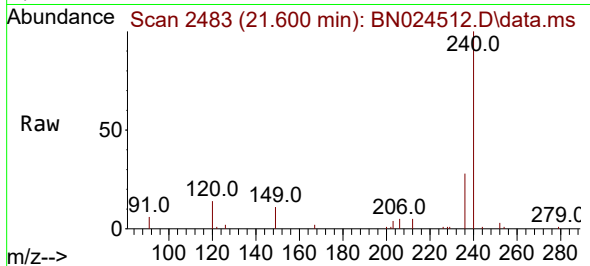




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.600 min Scan# 2485
Delta R.T. -0.001 min
Lab File: BN024512.D
Acq: 23 Mar 2023 14:34

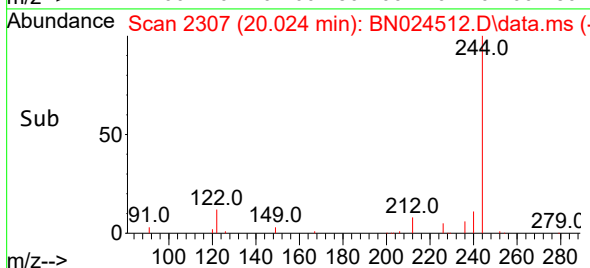
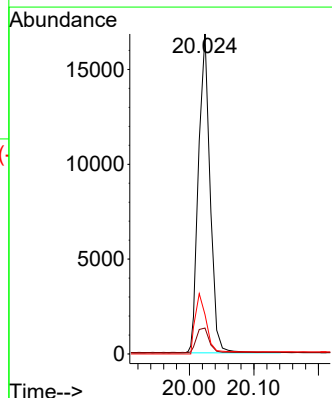
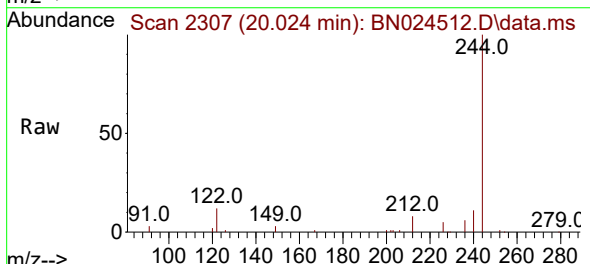
Instrument :
BNA_N
ClientSampleId :
TT180D1-20230313

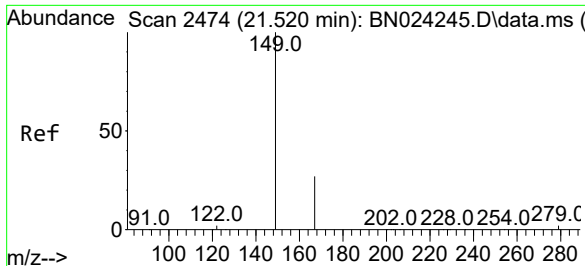
Tgt Ion:240 Resp: 19037
Ion Ratio Lower Upper
240 100
120 14.1 12.8 19.2
236 28.5 22.5 33.7



#31
Terphenyl-d14
Concen: 0.578 ng
RT: 20.024 min Scan# 2307
Delta R.T. -0.001 min
Lab File: BN024512.D
Acq: 23 Mar 2023 14:34

Tgt Ion:244 Resp: 18554
Ion Ratio Lower Upper
244 100
212 8.1 7.6 11.4
122 12.3 15.1 22.7#

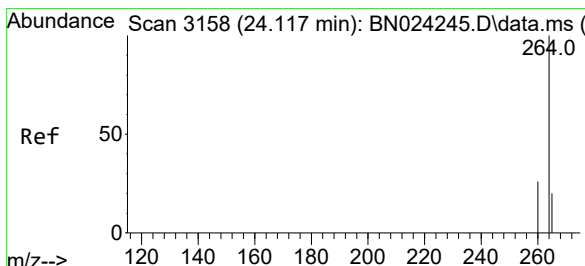
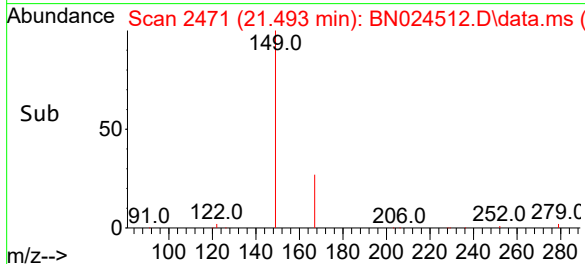
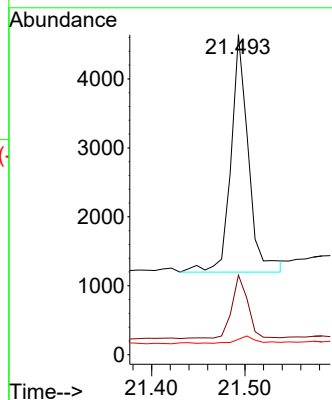
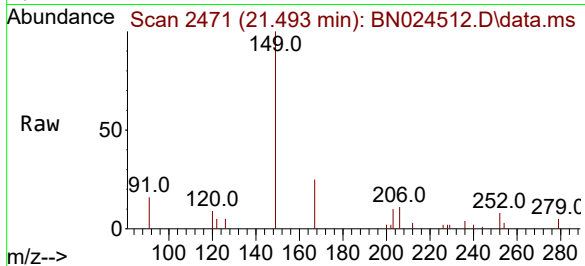




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.149 ng
 RT: 21.493 min Scan# 2471
 Delta R.T. -0.001 min
 Lab File: BN024512.D
 Acq: 23 Mar 2023 14:34

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20230313

Tgt Ion:149 Resp: 4469
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.2 31.8
 279 3.4 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.085 min Scan# 3147
 Delta R.T. 0.002 min
 Lab File: BN024512.D
 Acq: 23 Mar 2023 14:34

Tgt Ion:264 Resp: 16561
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.4 32.2
 265 81.3 35.7 53.5#

