

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
 Data File : BN025355.D
 Acq On : 09 May 2023 05:43
 Operator : CG/JU
 Sample : 02644-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230504

Quant Time: May 09 06:19:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 06:15:50 2023
 Response via : Initial Calibration

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

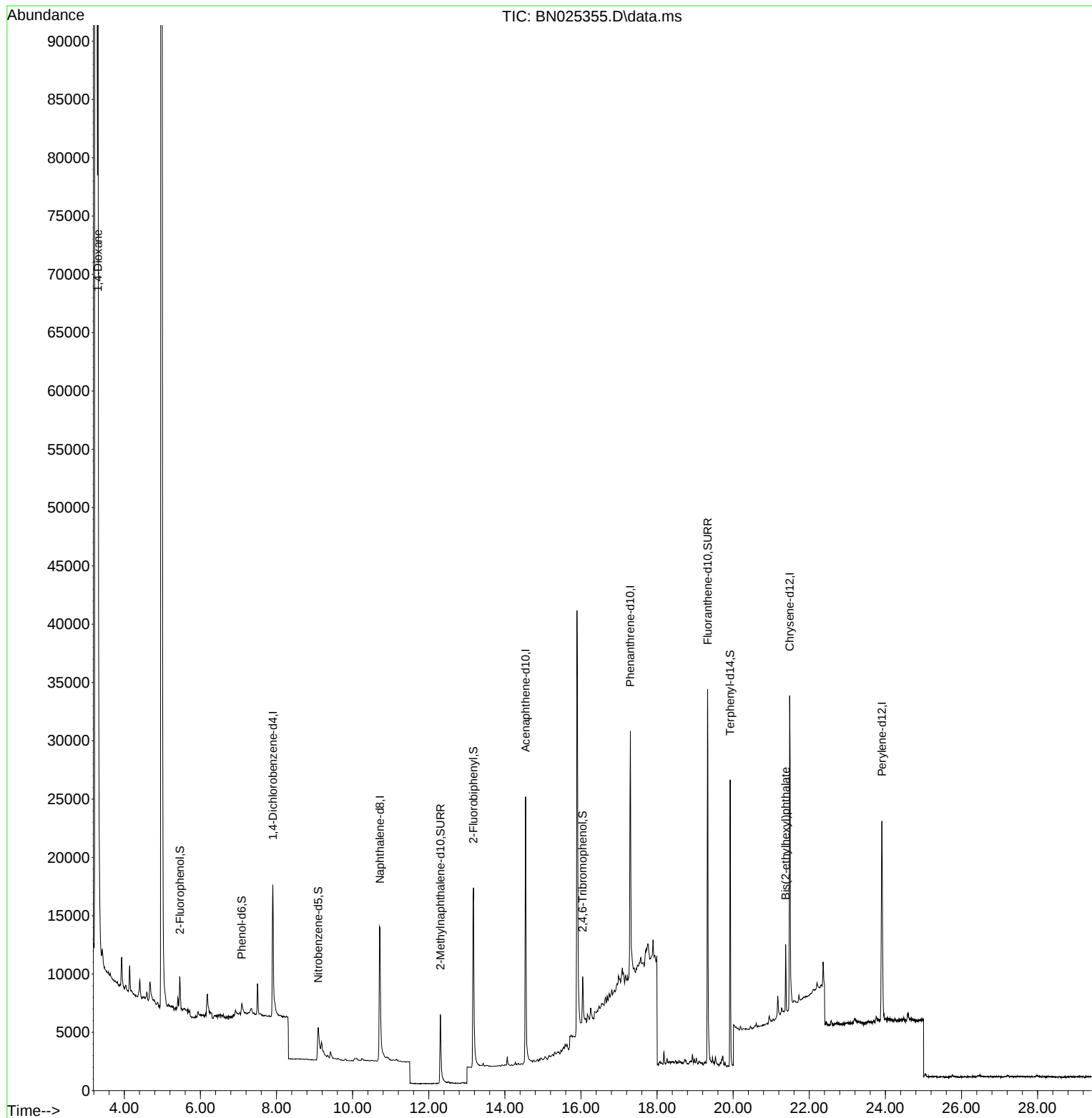
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	7075	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	22383	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	14122	0.400	ng	0.00
19) Phenanthrene-d10	17.299	188	32705	0.400	ng	# 0.00
29) Chrysene-d12	21.486	240	28143	0.400	ng	# 0.00
35) Perylene-d12	23.908	264	25426	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	2918	0.169	ng	0.00
5) Phenol-d6	7.088	99	1856	0.086	ng	0.01
8) Nitrobenzene-d5	9.095	82	5425	0.295	ng	0.02
11) 2-Methylnaphthalene-d10	12.306	152	11816	0.386	ng	0.00
14) 2,4,6-Tribromophenol	16.045	330	2980	0.413	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	18187	0.376	ng	0.00
27) Fluoranthene-d10	19.330	212	37217	0.460	ng	0.00
31) Terphenyl-d14	19.920	244	30850	0.544	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.311	88	38500	5.182	ng	Qvalue 94
34) Bis(2-ethylhexyl)phtha...	21.379	149	5251	0.070	ng	97

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

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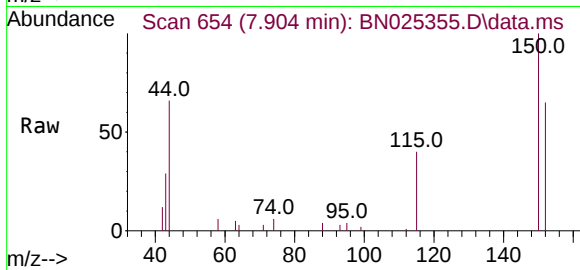
Quant Time: May 09 06:19:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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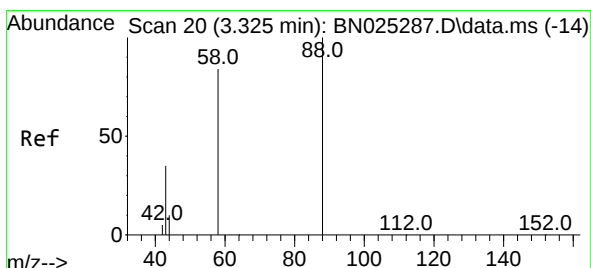
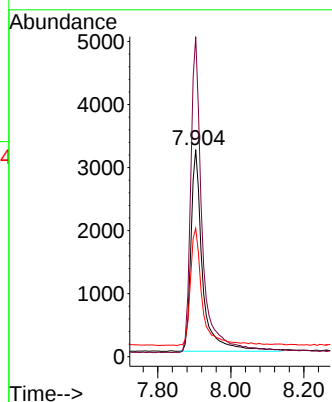
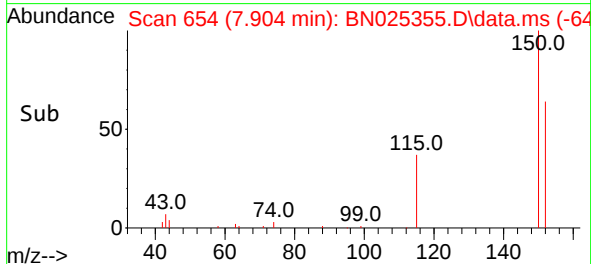
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.904 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025355.D
 Acq: 09 May 2023 05:43

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230504

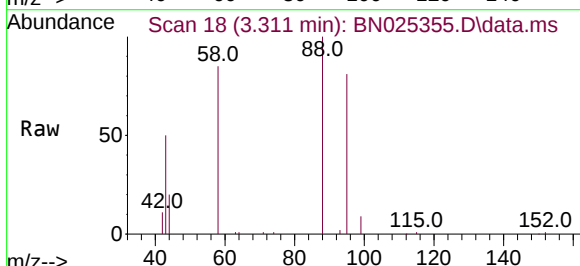


Tgt Ion:152 Resp: 7075

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.8	185.8
115	62.0	52.9	79.3

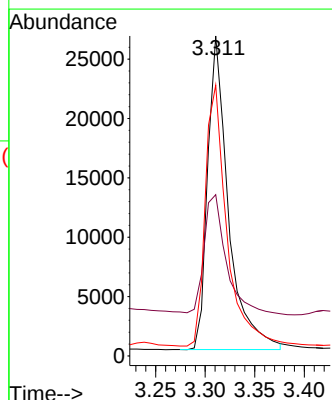
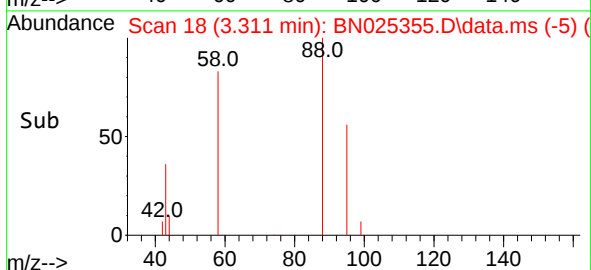


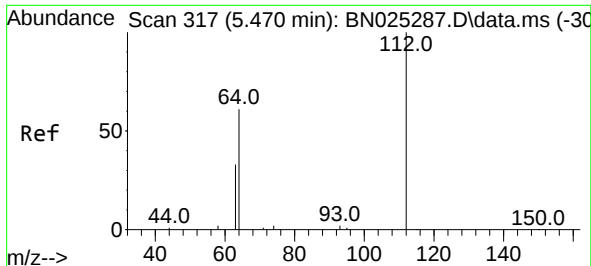
#2
 1,4-Dioxane
 Concen: 5.182 ng
 RT: 3.311 min Scan# 18
 Delta R.T. -0.007 min
 Lab File: BN025355.D
 Acq: 09 May 2023 05:43



Tgt Ion: 88 Resp: 38500

Ion	Ratio	Lower	Upper
88	100		
43	39.9	37.2	55.8
58	86.3	71.5	107.3

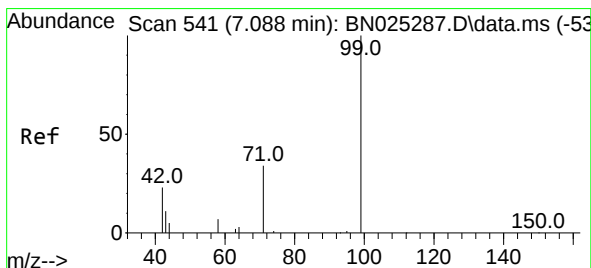
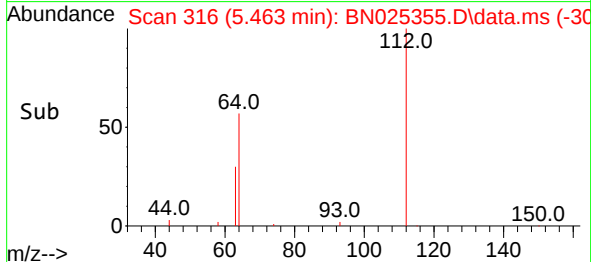
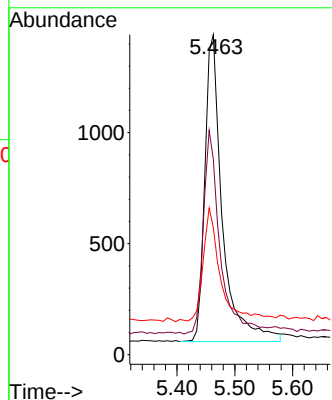
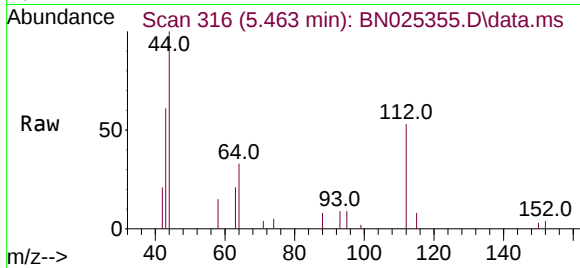




#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.463 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

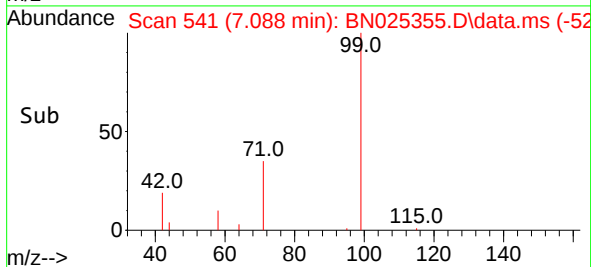
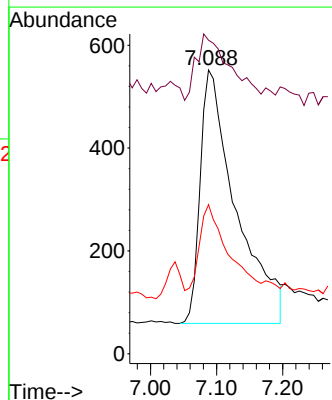
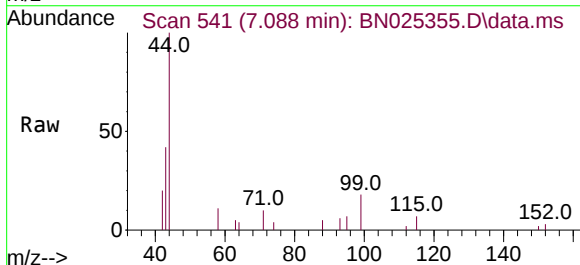
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504

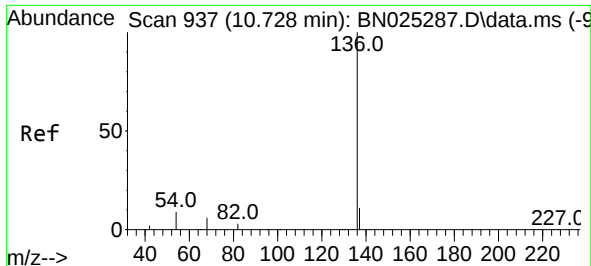
Tgt Ion:112 Resp: 2918
Ion Ratio Lower Upper
112 100
64 63.7 51.5 77.3
63 37.3 27.8 41.6



#5
Phenol-d6
Concen: 0.086 ng
RT: 7.088 min Scan# 541
Delta R.T. 0.015 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

Tgt Ion: 99 Resp: 1856
Ion Ratio Lower Upper
99 100
42 24.1 22.0 33.0
71 29.5 28.7 43.1

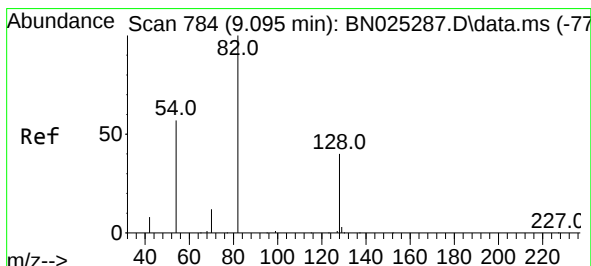
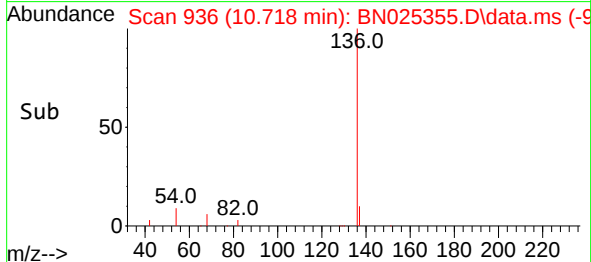
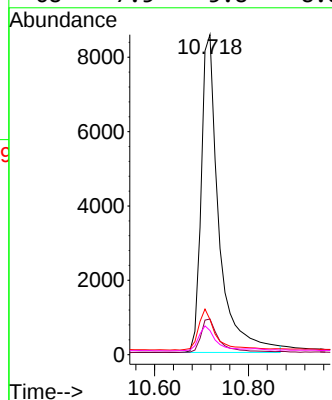
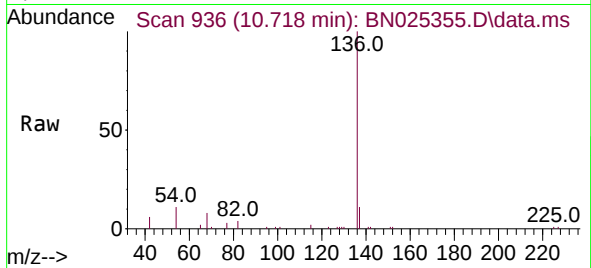




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

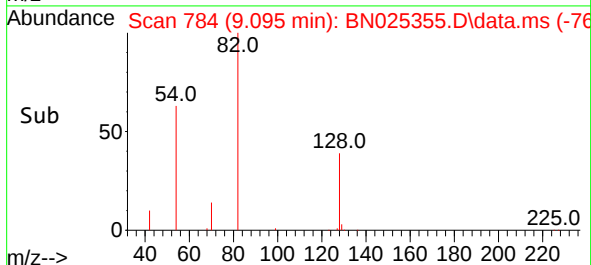
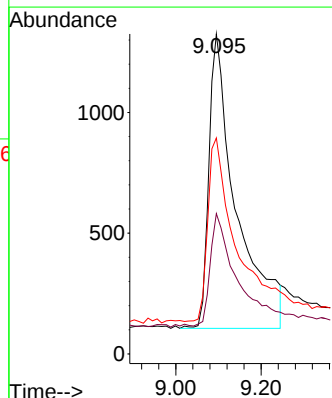
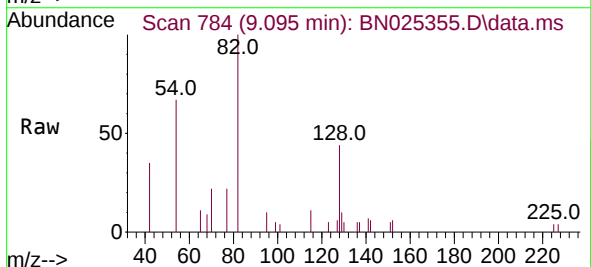
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504

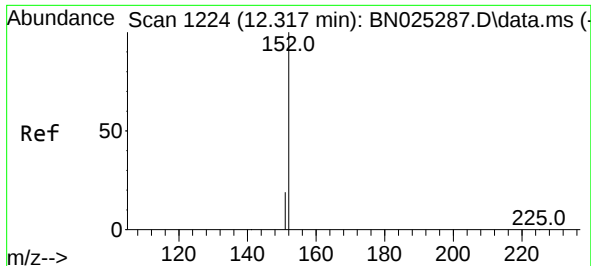
Tgt Ion:	136	Resp:	22383
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.4	14.2
54	11.0	8.5	12.7
68	7.5	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 9.095 min Scan# 784
Delta R.T. 0.022 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

Tgt Ion:	82	Resp:	5425
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.3	52.9
54	67.5	48.7	73.1

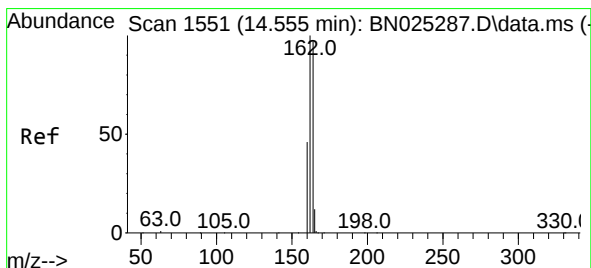
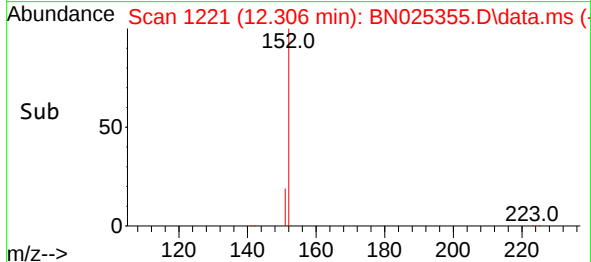
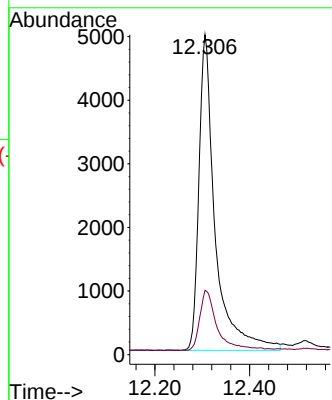
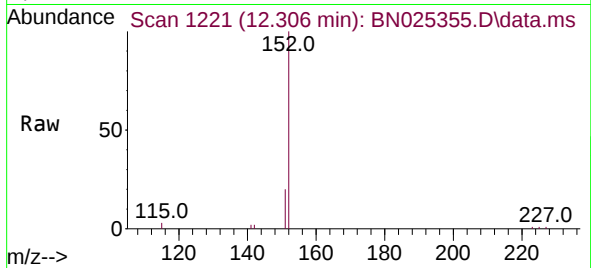




#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.306 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

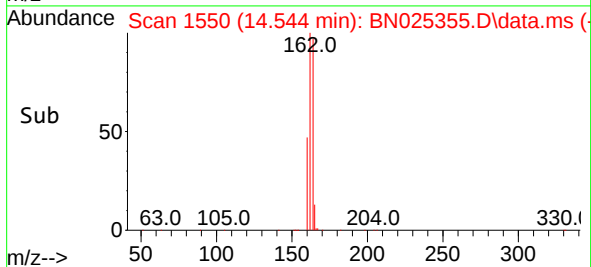
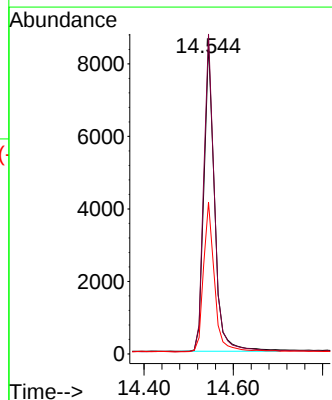
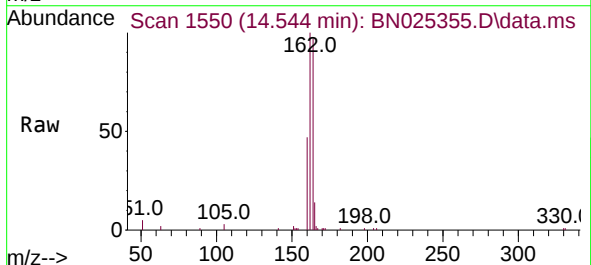
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504

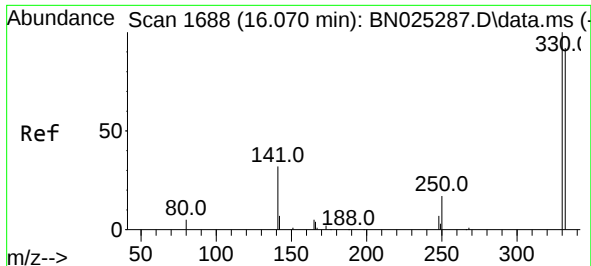
Tgt Ion:152 Resp: 11816
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

Tgt Ion:164 Resp: 14122
Ion Ratio Lower Upper
164 100
162 103.1 82.1 123.1
160 48.9 38.3 57.5

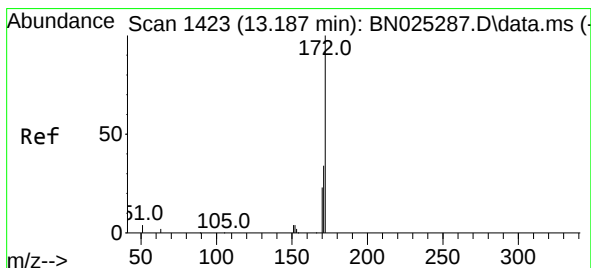
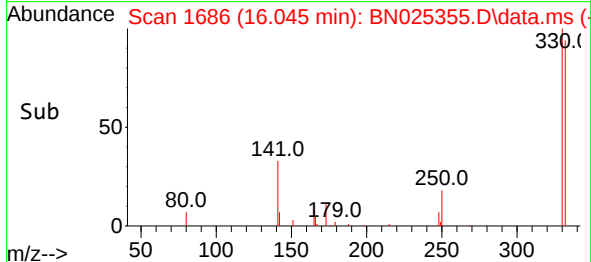
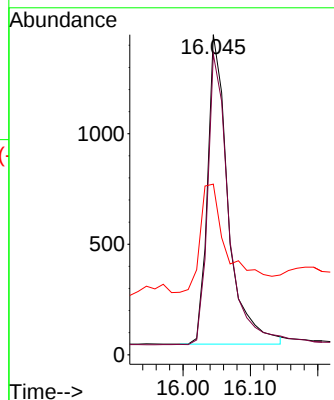
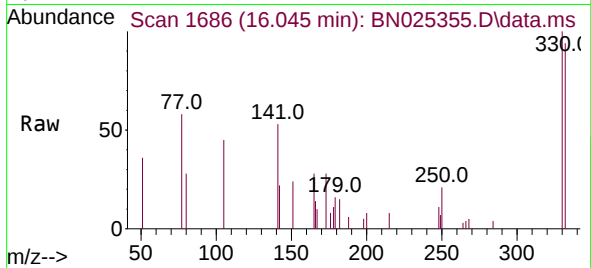




#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 16.045 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

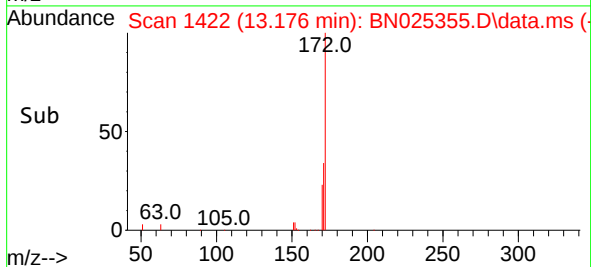
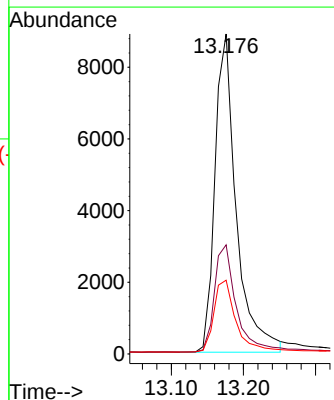
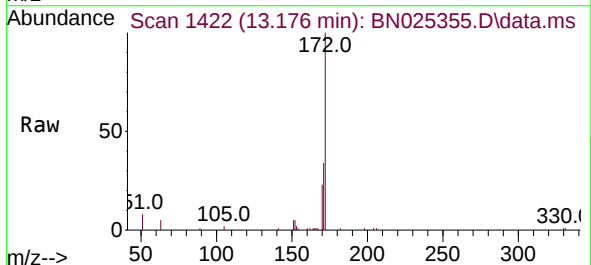
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BNA_N
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SP-100-20230504

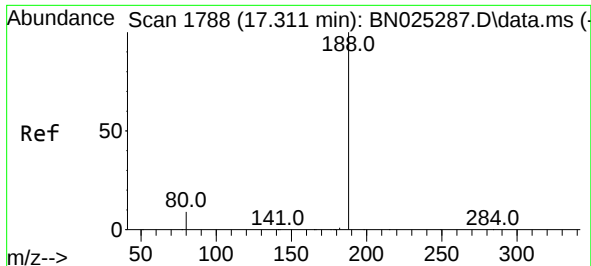
Tgt Ion:330 Resp: 2980
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 49.4 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.176 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

Tgt Ion:172 Resp: 18187
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.0 19.0 28.4

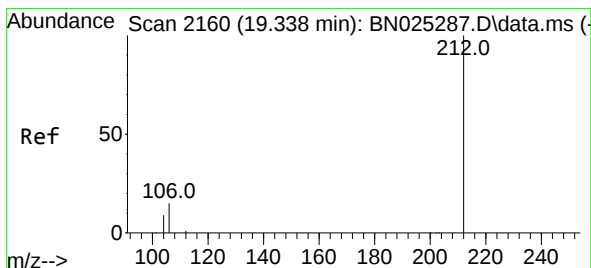
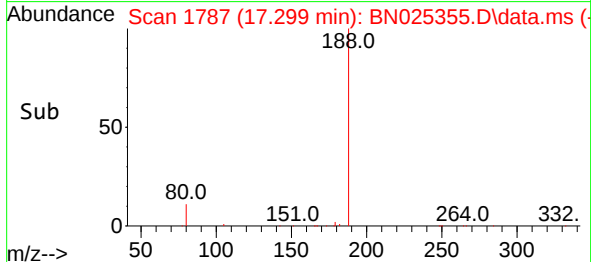
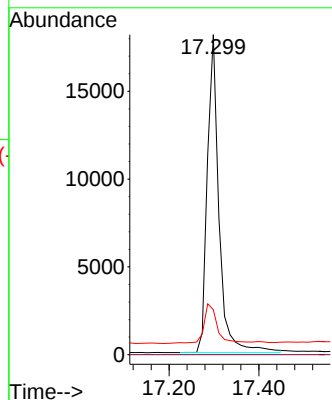
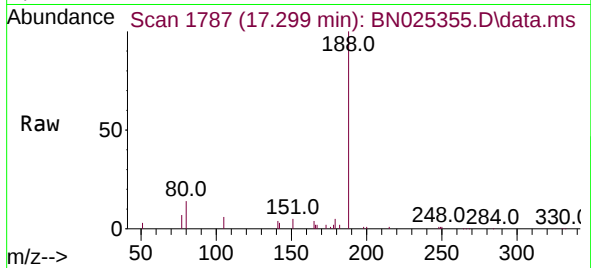




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.299 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

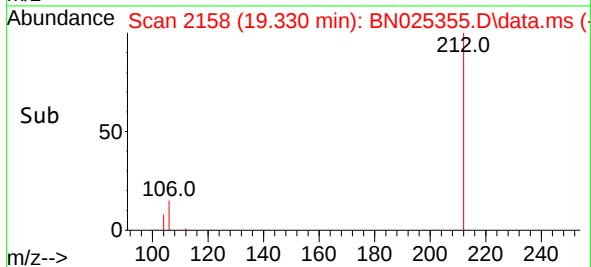
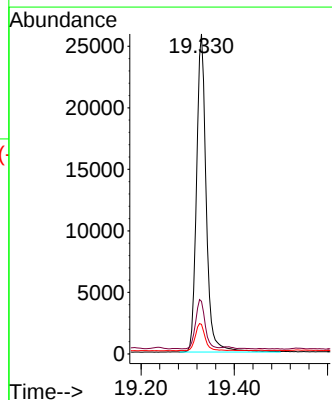
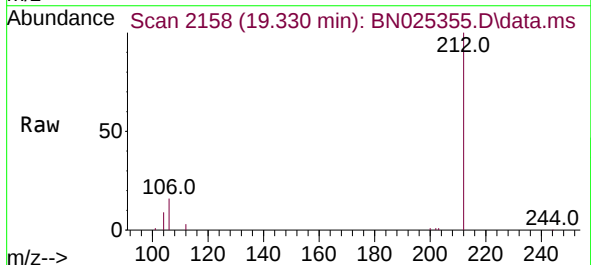
Instrument :
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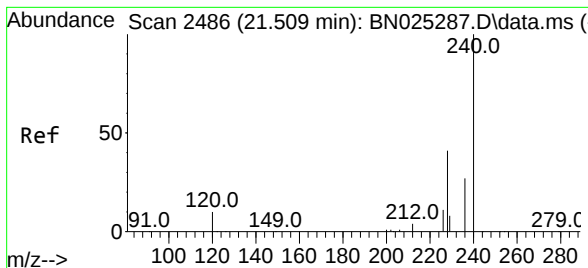
Tgt Ion:188 Resp: 32705
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 8.0 12.0#



#27
Fluoranthene-d10
Concen: 0.460 ng
RT: 19.330 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

Tgt Ion:212 Resp: 37217
Ion Ratio Lower Upper
212 100
106 15.2 12.6 19.0
104 8.8 7.0 10.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.486 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BN025355.D

Acq: 09 May 2023 05:43

Instrument :

BNA_N

ClientSampleId :

SP-100-20230504

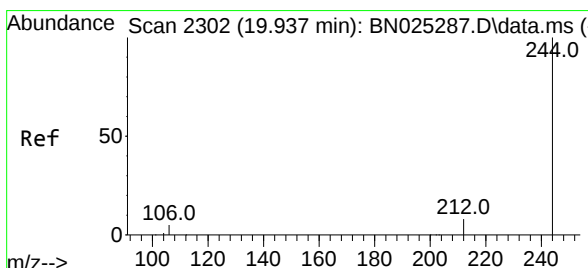
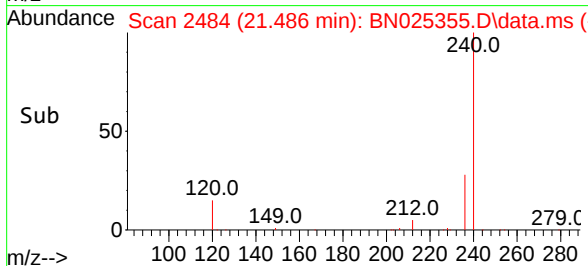
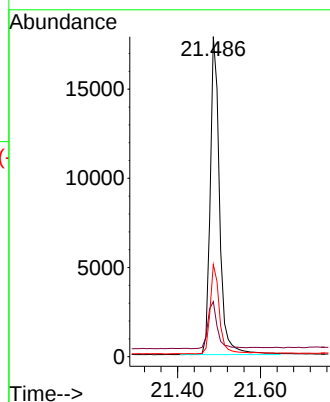
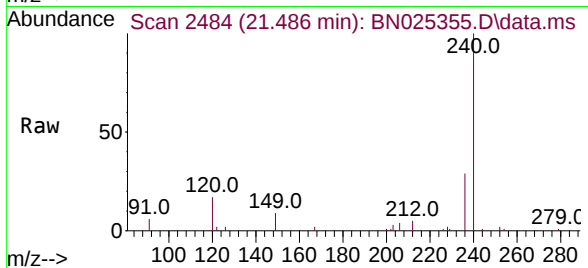
Tgt Ion:240 Resp: 28143

Ion Ratio Lower Upper

240 100

120 17.2 10.3 15.5#

236 28.8 22.3 33.5



#31

Terphenyl-d14

Concen: 0.544 ng

RT: 19.920 min Scan# 2298

Delta R.T. -0.004 min

Lab File: BN025355.D

Acq: 09 May 2023 05:43

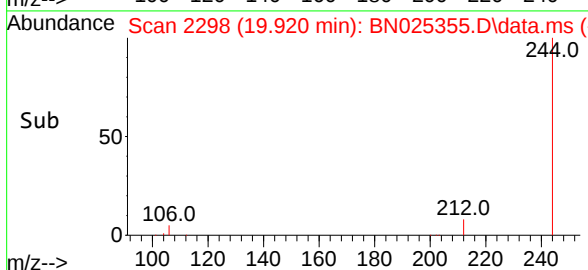
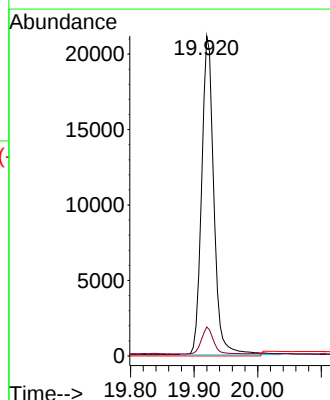
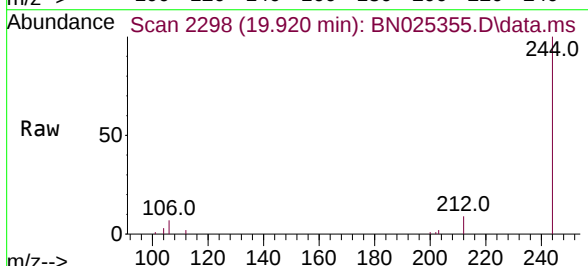
Tgt Ion:244 Resp: 30850

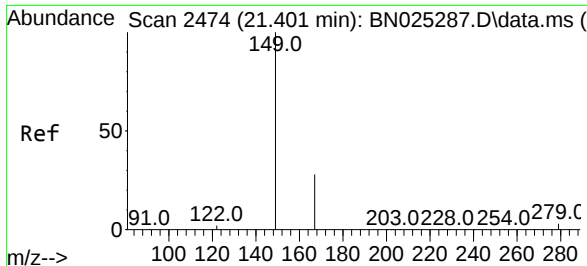
Ion Ratio Lower Upper

244 100

212 9.1 7.1 10.7

122 0.0 0.0 0.0

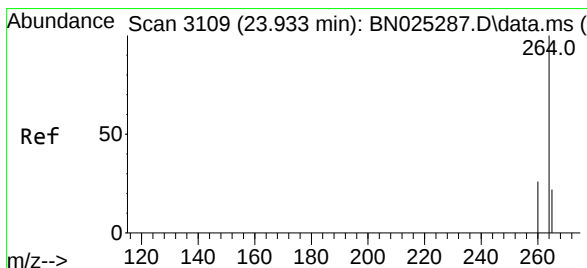
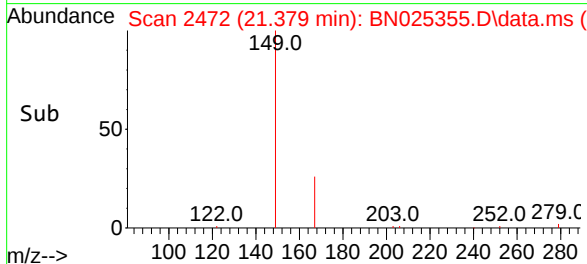
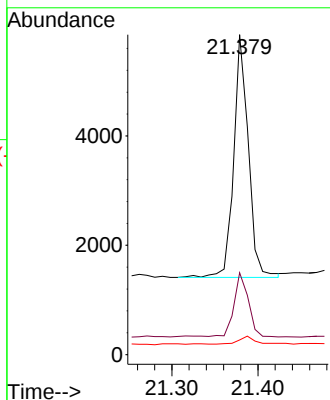
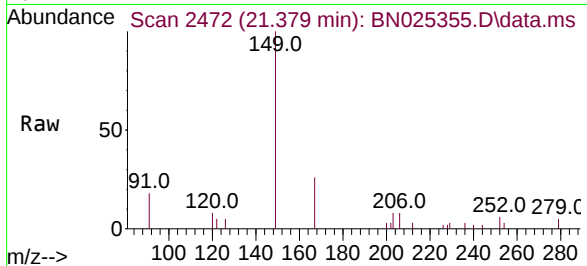




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.070 ng
 RT: 21.379 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN025355.D
 Acq: 09 May 2023 05:43

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230504

Tgt Ion:	149	Resp:	5251
Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.2	33.4
279	3.7	2.6	4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.908 min Scan# 3100
 Delta R.T. -0.003 min
 Lab File: BN025355.D
 Acq: 09 May 2023 05:43

Tgt Ion:	264	Resp:	25426
Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.5	32.3
265	48.2	46.2	69.4

