

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
 Data File : BN030345.D
 Acq On : 08 Mar 2024 04:41
 Operator : MA/JU
 Sample : P1590-02DL 2X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20240222DL

Quant Time: Mar 08 05:16:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 17:44:16 2024
 Response via : Initial Calibration

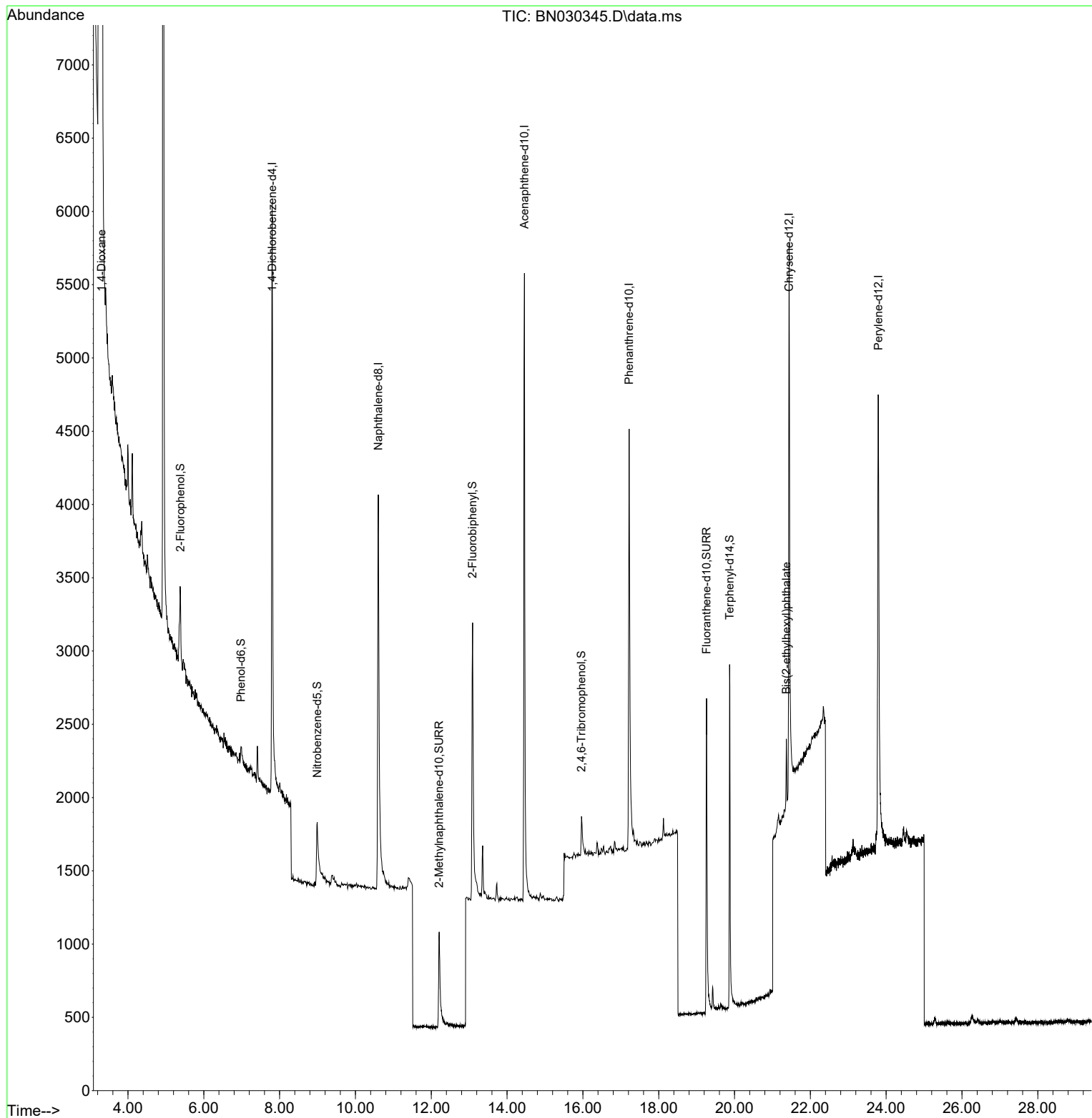
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	2391	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	5935	0.400	ng	0.00
13) Acenaphthene-d10	14.457	164	3127	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	6070	0.400	ng	0.00
29) Chrysene-d12	21.438	240	5258	0.400	ng	0.00
35) Perylene-d12	23.791	264	5777	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	439	0.070	ng	0.00
5) Phenol-d6	6.980	99	192	0.029	ng	0.00
8) Nitrobenzene-d5	8.993	82	833	0.154	ng	0.02
11) 2-Methylnaphthalene-d10	12.208	152	1639	0.190	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	241	0.150	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	2594	0.200	ng	0.00
27) Fluoranthene-d10	19.262	212	3395	0.204	ng	0.00
31) Terphenyl-d14	19.870	244	2933	0.215	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.304	88	11332	3.654	ng	98
34) Bis(2-ethylhexyl)phtha...	21.367	149	570	0.039	ng	96

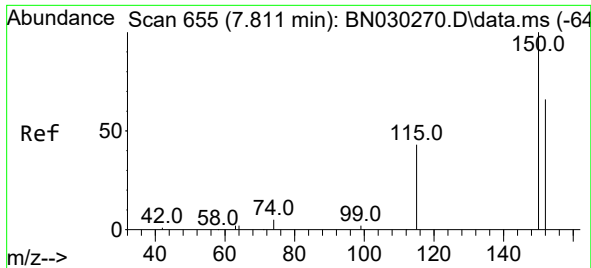
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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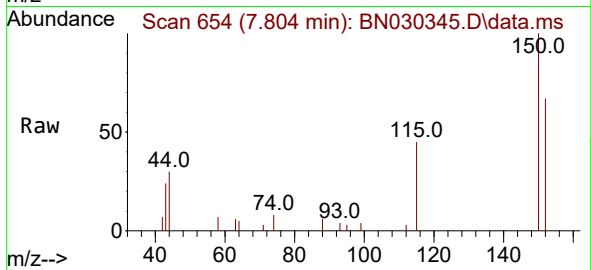
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration



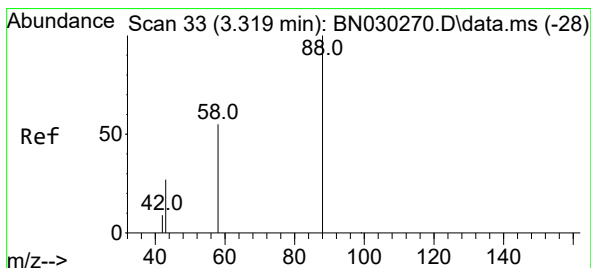
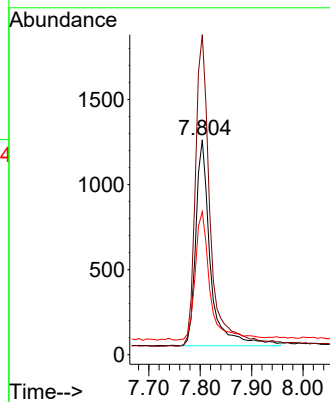
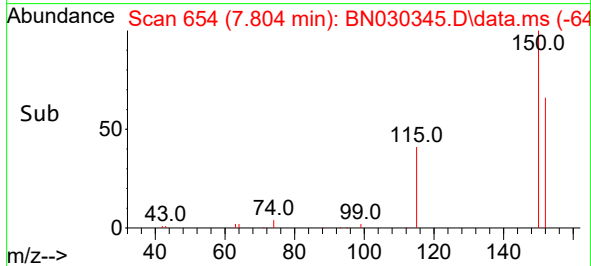


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030345.D
 Acq: 08 Mar 2024 04:41

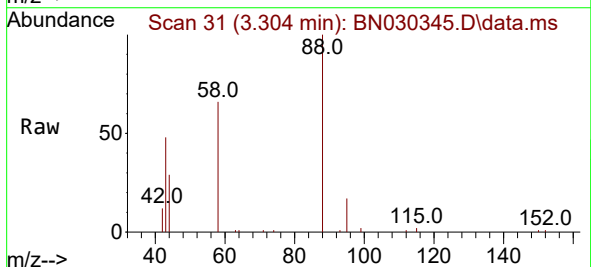
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20240222DL



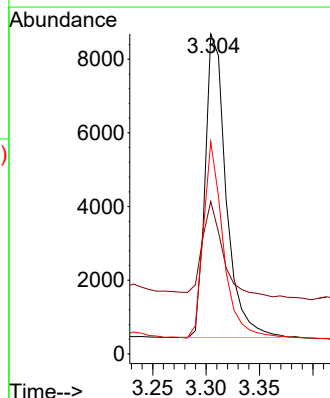
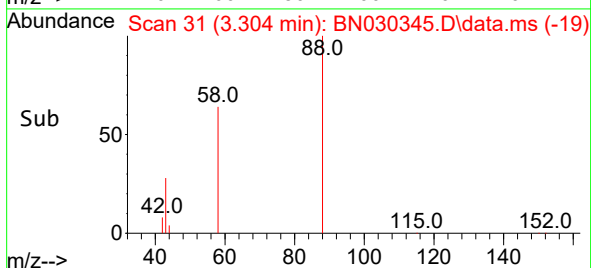
Tgt Ion:152 Resp: 2391
 Ion Ratio Lower Upper
 152 100
 150 148.9 119.4 179.0
 115 66.6 56.9 85.3

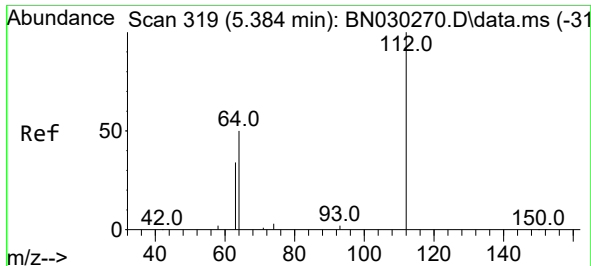


#2
 1,4-Dioxane
 Concen: 3.654 ng
 RT: 3.304 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BN030345.D
 Acq: 08 Mar 2024 04:41



Tgt Ion: 88 Resp: 11332
 Ion Ratio Lower Upper
 88 100
 43 30.3 23.8 35.8
 58 59.8 46.2 69.4

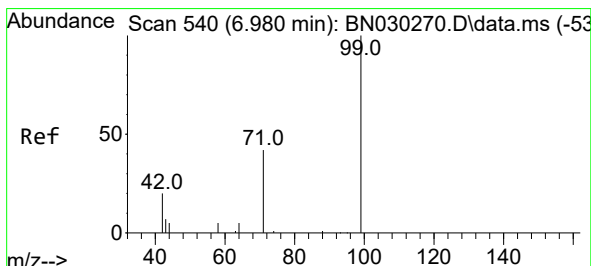
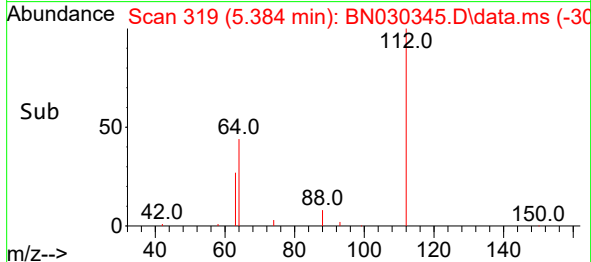
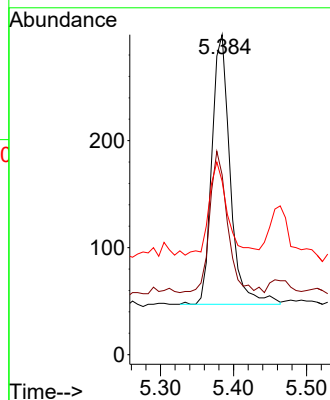
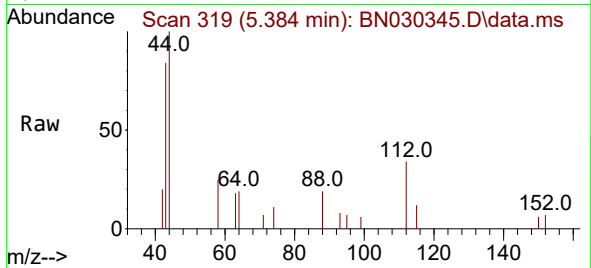




#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN030345.D
Acq: 08 Mar 2024 04:41

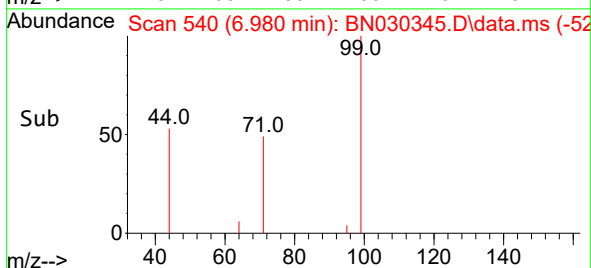
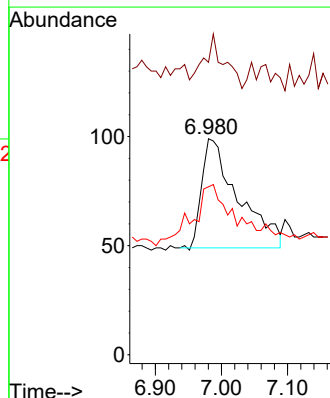
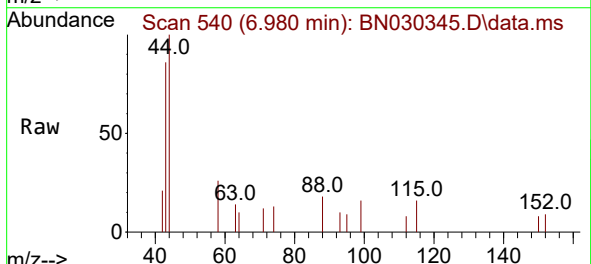
Instrument :
BNA_N
ClientSampleId :
RE120D1-20240222DL

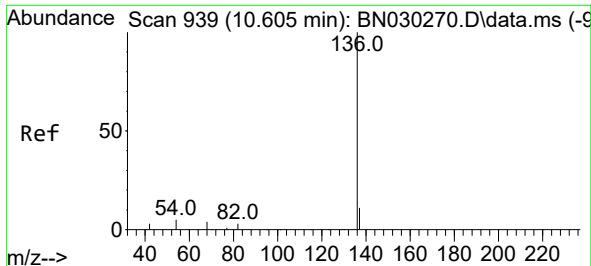
Tgt Ion:112 Resp: 439
Ion Ratio Lower Upper
112 100
64 50.6 41.8 62.8
63 34.4 27.1 40.7



#5
Phenol-d6
Concen: 0.029 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.000 min
Lab File: BN030345.D
Acq: 08 Mar 2024 04:41

Tgt Ion: 99 Resp: 192
Ion Ratio Lower Upper
99 100
42 27.1 19.0 28.6
71 37.0 36.0 54.0

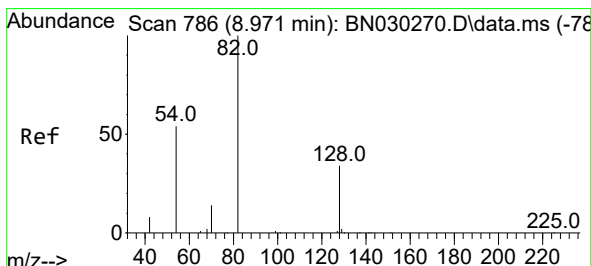
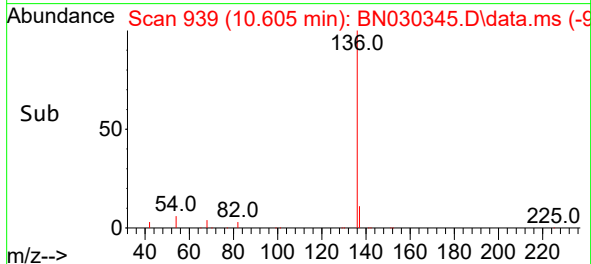
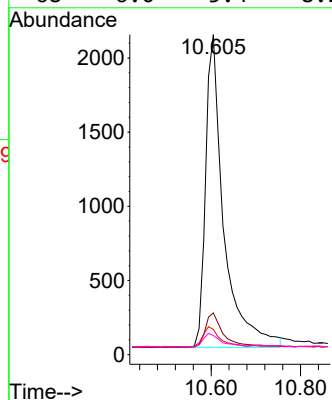
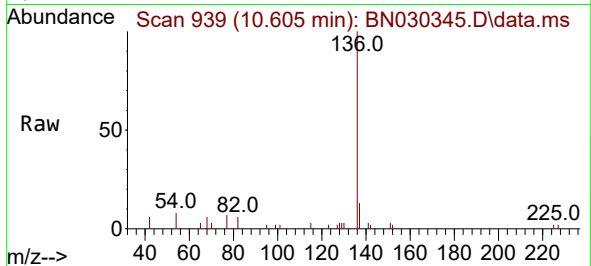




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN030345.D
Acq: 08 Mar 2024 04:41

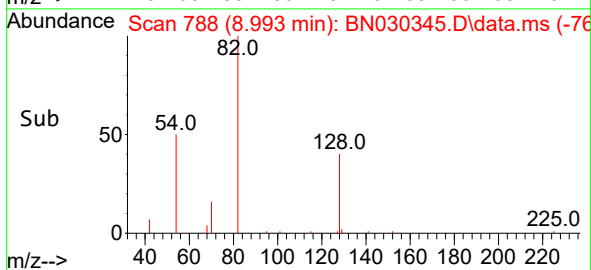
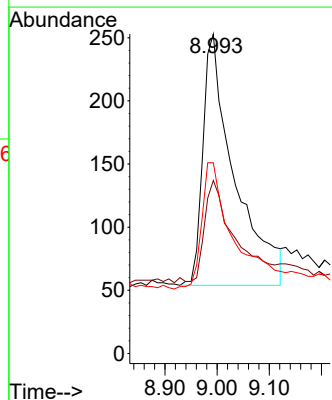
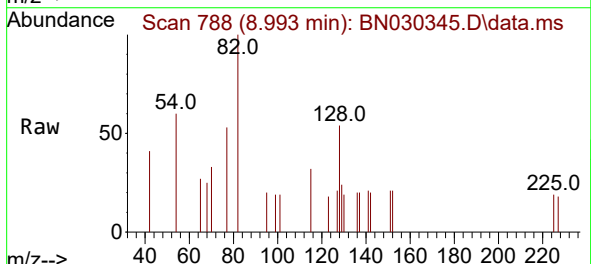
Instrument :
BNA_N
ClientSampleId :
RE120D1-20240222DL

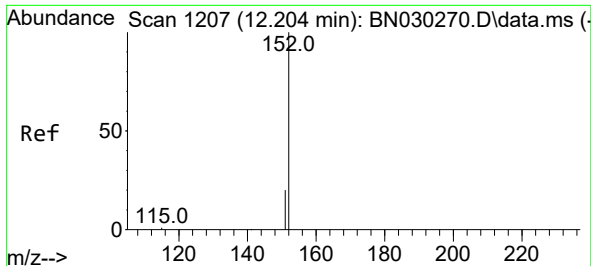
Tgt Ion:	136	Resp:	5935
Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.5	15.7
54	7.9	6.4	9.6
68	6.0	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.154 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.021 min
Lab File: BN030345.D
Acq: 08 Mar 2024 04:41

Tgt Ion:	82	Resp:	833
Ion	Ratio	Lower	Upper
82	100		
128	54.2	32.2	48.2#
54	59.7	47.3	70.9

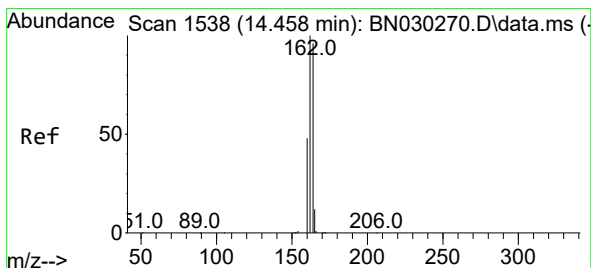
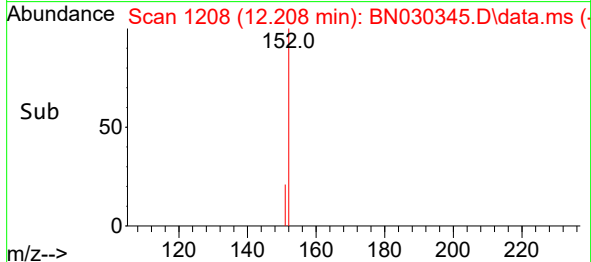
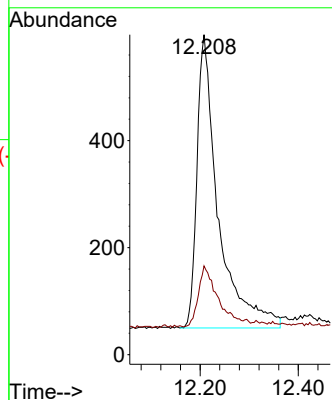
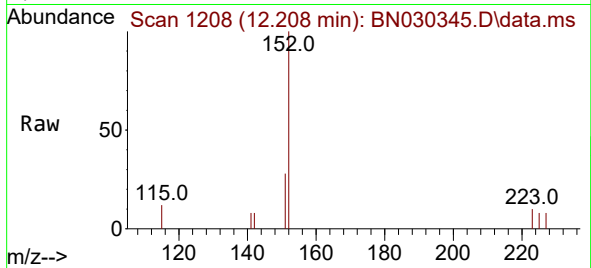




#11
2-Methylnaphthalene-d10
Concen: 0.190 ng
RT: 12.208 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN030345.D
Acq: 08 Mar 2024 04:41

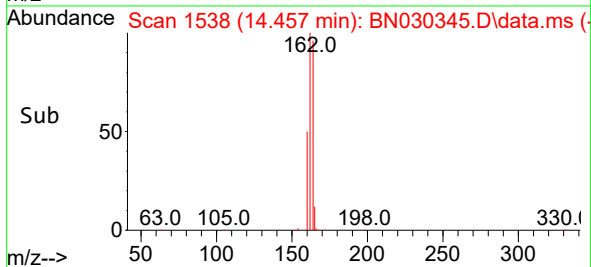
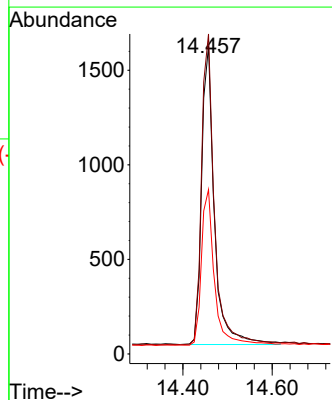
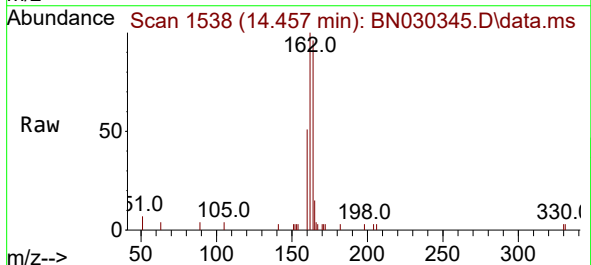
Instrument :
BNA_N
ClientSampleId :
RE120D1-20240222DL

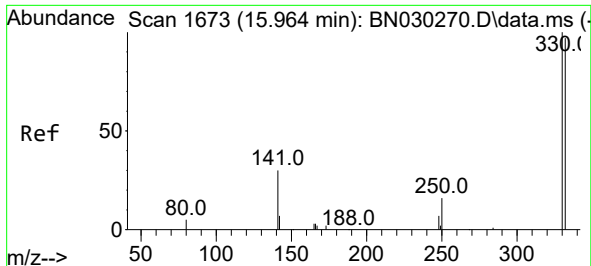
Tgt Ion:152 Resp: 1639
Ion Ratio Lower Upper
152 100
151 19.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.457 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BN030345.D
Acq: 08 Mar 2024 04:41

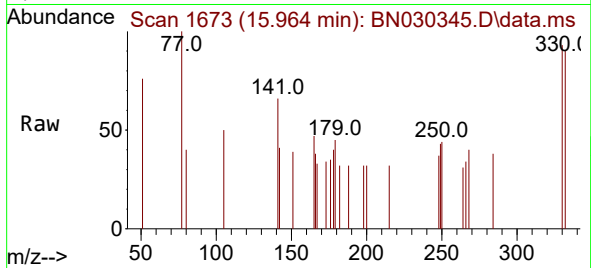
Tgt Ion:164 Resp: 3127
Ion Ratio Lower Upper
164 100
162 103.9 83.4 125.2
160 53.4 41.7 62.5



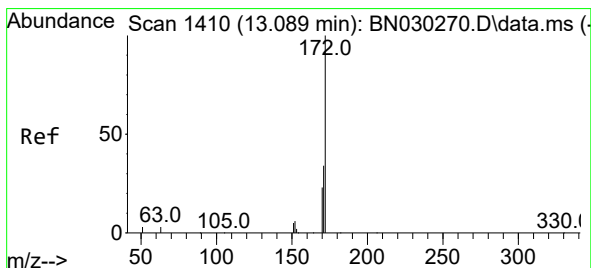
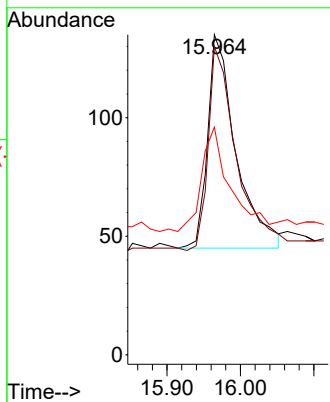
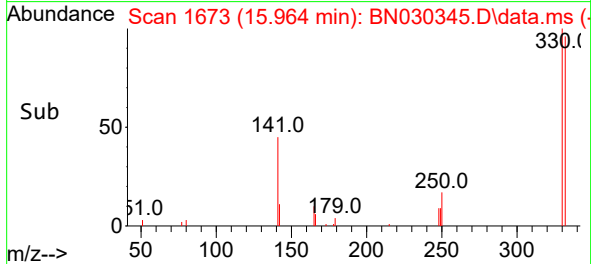


#14
2,4,6-Tribromophenol
Concen: 0.150 ng
RT: 15.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030345.D
Acq: 08 Mar 2024 04:41

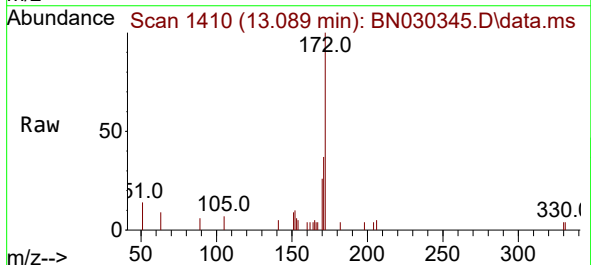
Instrument :
BNA_N
ClientSampleId :
RE120D1-20240222DL



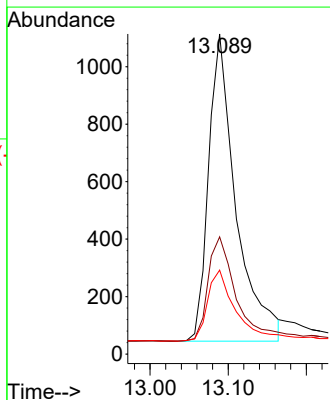
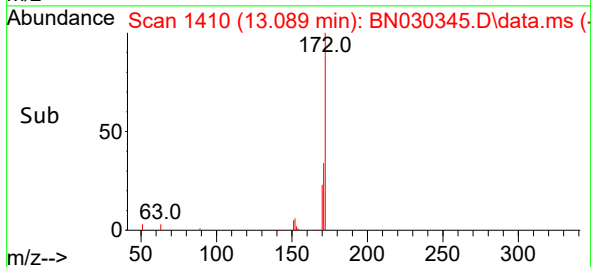
Tgt Ion:330 Resp: 241
Ion Ratio Lower Upper
330 100
332 97.5 72.6 108.8
141 50.6 41.3 61.9

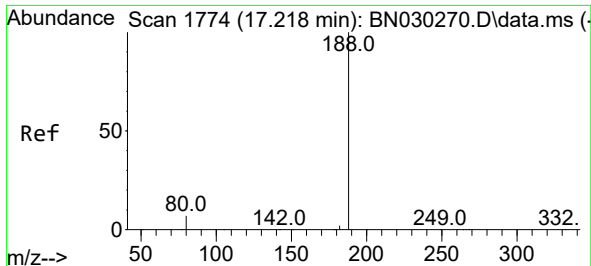


#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 13.089 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN030345.D
Acq: 08 Mar 2024 04:41



Tgt Ion:172 Resp: 2594
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 26.2 20.2 30.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.218 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN030345.D

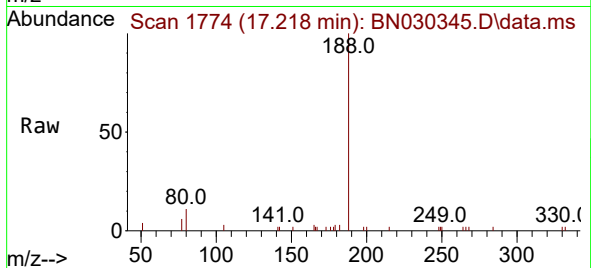
Acq: 08 Mar 2024 04:41

Instrument :

BNA_N

ClientSampleId :

RE120D1-20240222DL



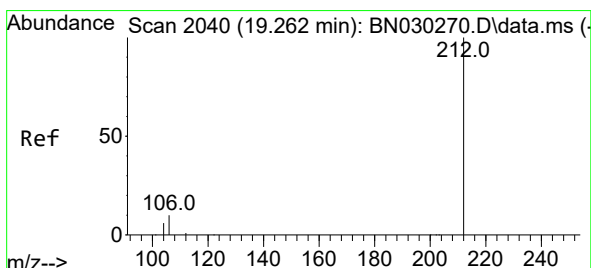
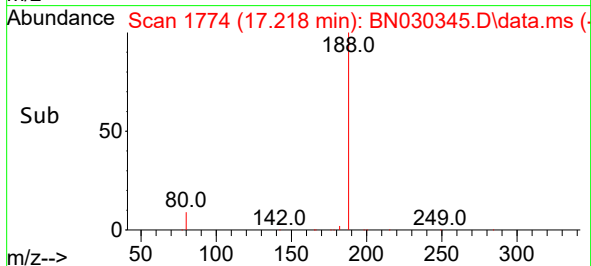
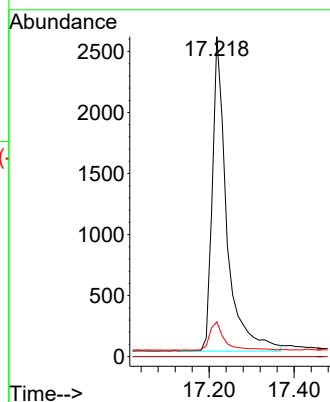
Tgt Ion:188 Resp: 6070

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 7.8 11.6



#27

Fluoranthene-d10

Concen: 0.204 ng

RT: 19.262 min Scan# 2040

Delta R.T. -0.000 min

Lab File: BN030345.D

Acq: 08 Mar 2024 04:41

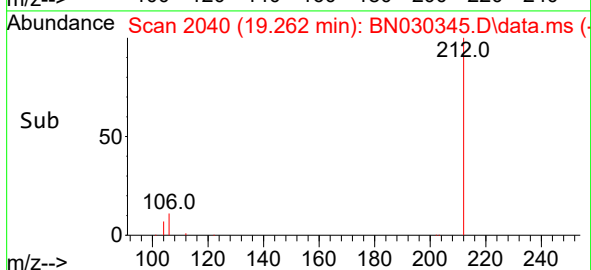
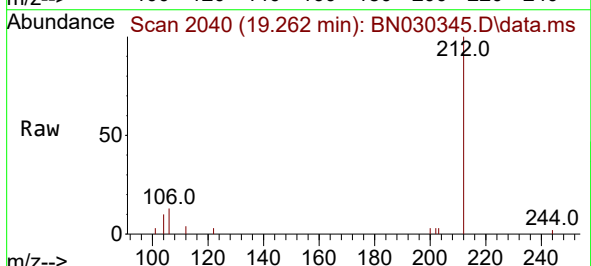
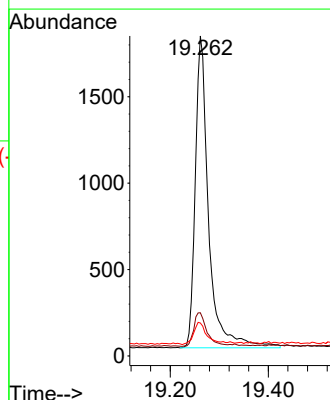
Tgt Ion:212 Resp: 3395

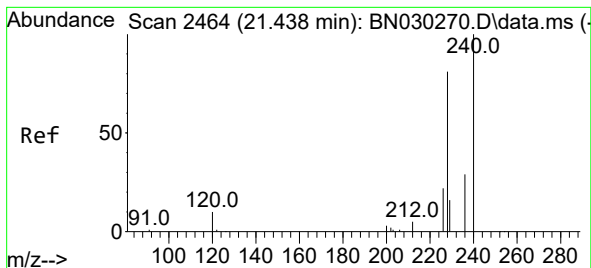
Ion Ratio Lower Upper

212 100

106 10.7 8.2 12.4

104 7.4 4.7 7.1#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.438 min Scan# 2464

Delta R.T. -0.000 min

Lab File: BN030345.D

Acq: 08 Mar 2024 04:41

Instrument :

BNA_N

ClientSampleId :

RE120D1-20240222DL

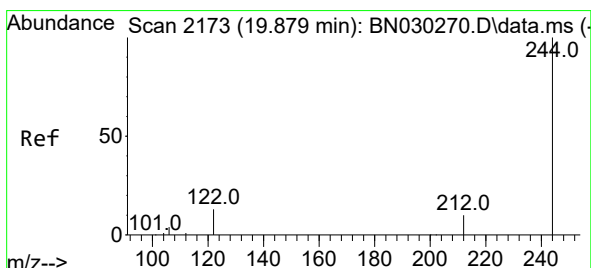
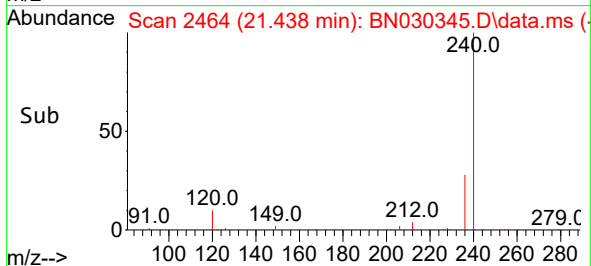
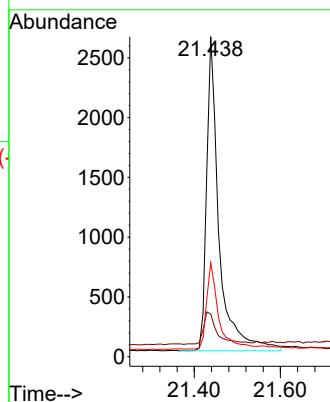
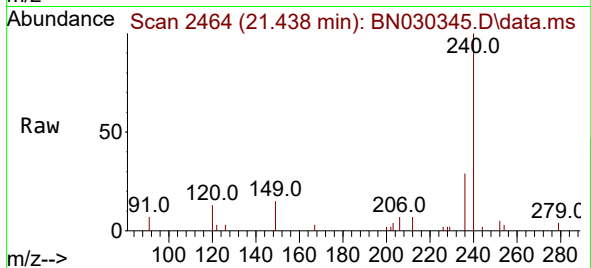
Tgt Ion:240 Resp: 5258

Ion Ratio Lower Upper

240 100

120 13.3 12.2 18.2

236 29.3 25.2 37.8



#31

Terphenyl-d14

Concen: 0.215 ng

RT: 19.870 min Scan# 2171

Delta R.T. -0.009 min

Lab File: BN030345.D

Acq: 08 Mar 2024 04:41

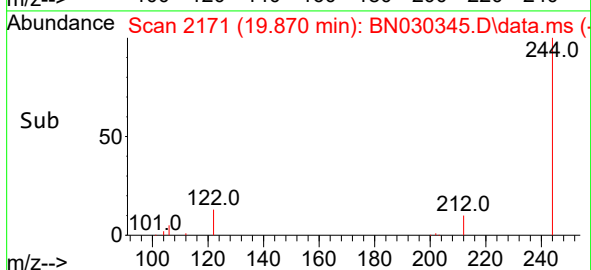
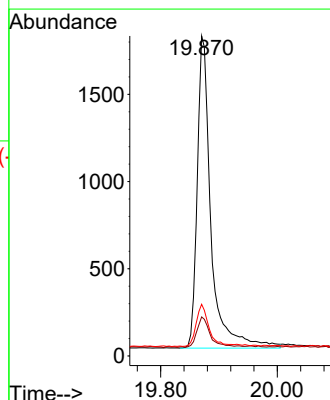
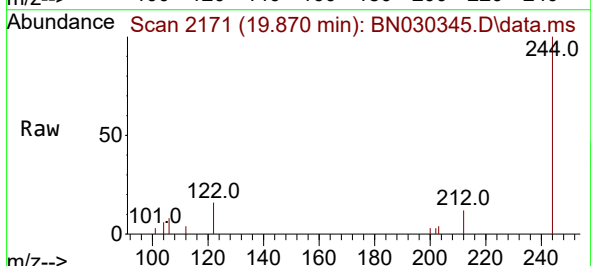
Tgt Ion:244 Resp: 2933

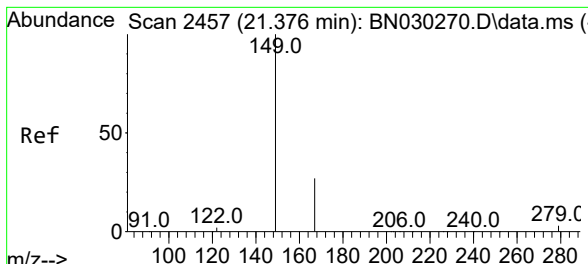
Ion Ratio Lower Upper

244 100

212 12.2 9.5 14.3

122 16.1 11.8 17.6

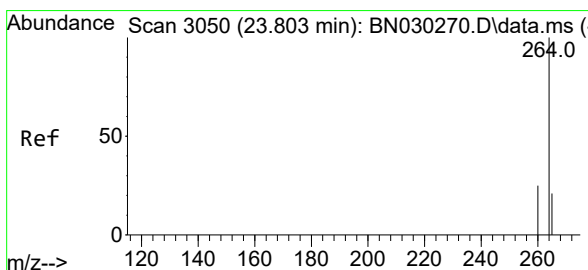
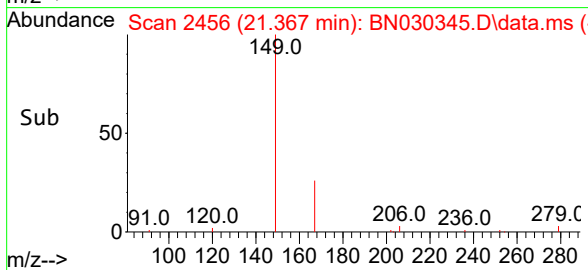
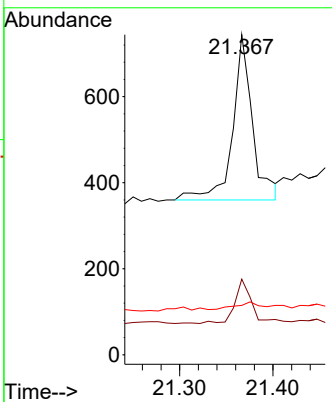
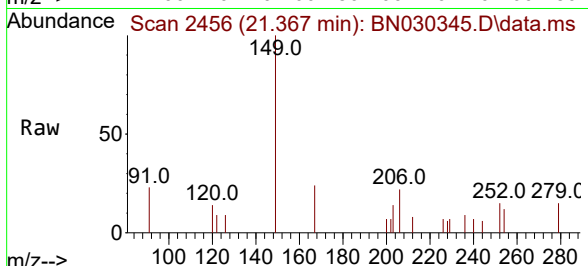




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.367 min Scan# 2456
 Delta R.T. -0.009 min
 Lab File: BN030345.D
 Acq: 08 Mar 2024 04:41

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20240222DL

Tgt Ion:	149	Resp:	570
Ion Ratio	Lower	Upper	
149	100		
167	23.2	20.6	30.8
279	5.6	4.0	6.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.791 min Scan# 3046
 Delta R.T. -0.012 min
 Lab File: BN030345.D
 Acq: 08 Mar 2024 04:41

Tgt Ion:	264	Resp:	5777
Ion Ratio	Lower	Upper	
264	100		
260	26.8	21.7	32.5
265	58.0	50.8	76.2

