

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
 Data File : BN030346.D
 Acq On : 08 Mar 2024 05:17
 Operator : MA/JU
 Sample : P1615-05DL 2X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20240226DL

Quant Time: Mar 08 06:04:37 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

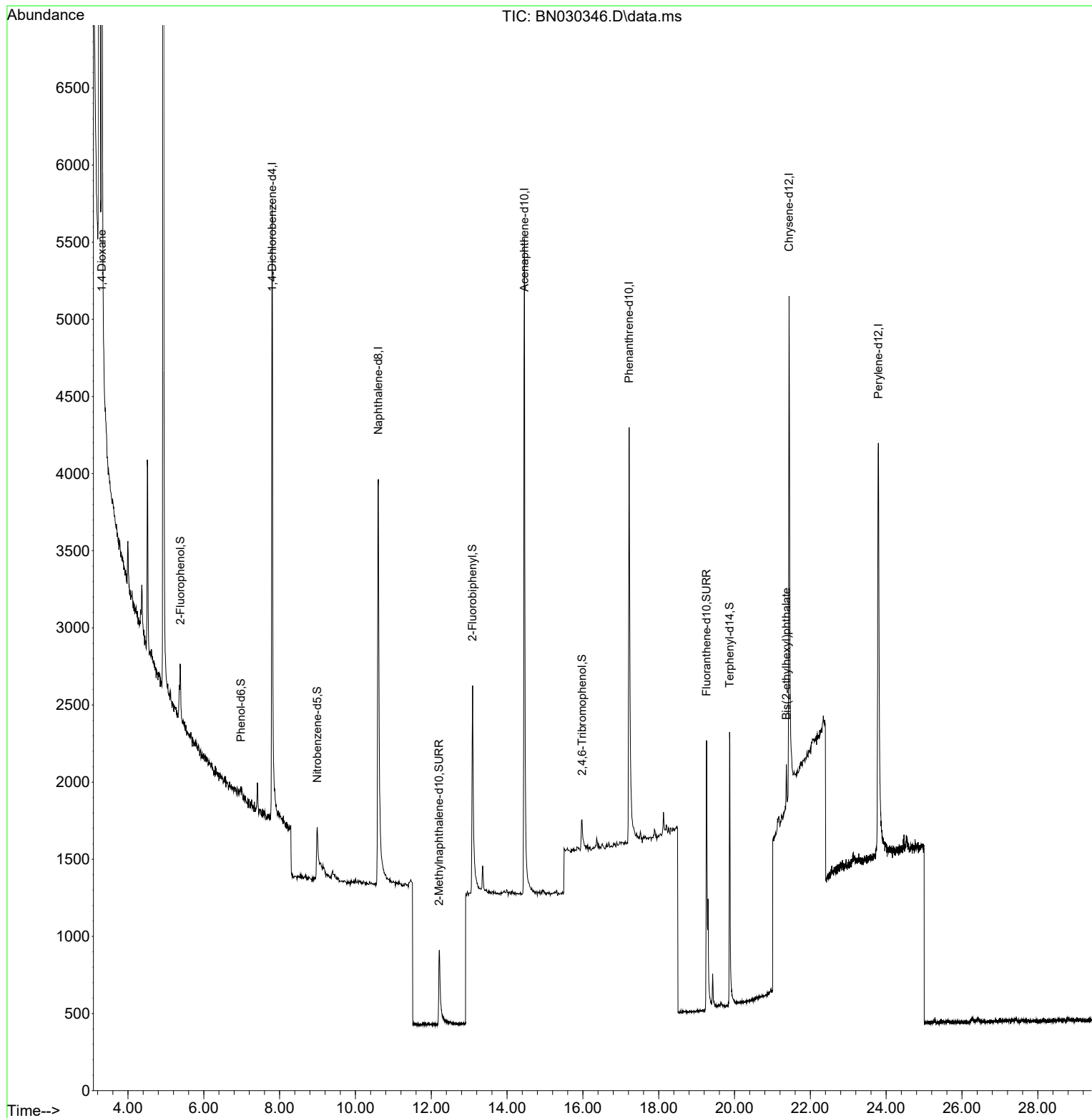
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	2377	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	5964	0.400	ng	0.00
13) Acenaphthene-d10	14.458	164	3161	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	5922	0.400	ng	0.00
29) Chrysene-d12	21.438	240	4706	0.400	ng	0.00
35) Perylene-d12	23.794	264	5213	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	312	0.050	ng	0.00
5) Phenol-d6	6.980	99	138	0.021	ng	0.00
8) Nitrobenzene-d5	8.993	82	659	0.121	ng	0.02
11) 2-Methylnaphthalene-d10	12.208	152	1236	0.143	ng	0.00
14) 2,4,6-Tribromophenol	15.977	330	200	0.123	ng	0.01
15) 2-Fluorobiphenyl	13.089	172	1879	0.143	ng	0.00
27) Fluoranthene-d10	19.262	212	2884	0.177	ng	0.00
31) Terphenyl-d14	19.870	244	2303	0.189	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.312	88	8368	2.714	ng	98
34) Bis(2-ethylhexyl)phtha...	21.367	149	420	0.032	ng	# 88

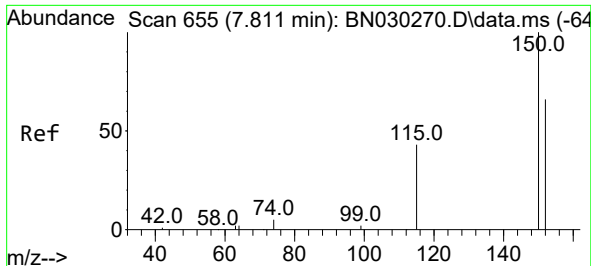
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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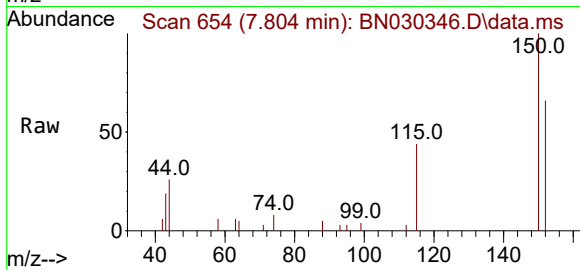
Quant Time: Mar 08 06:04:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
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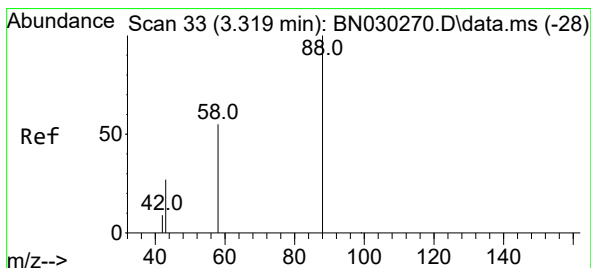
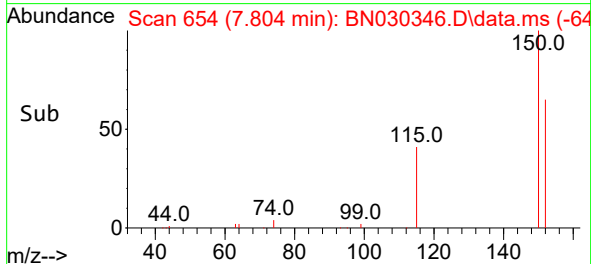
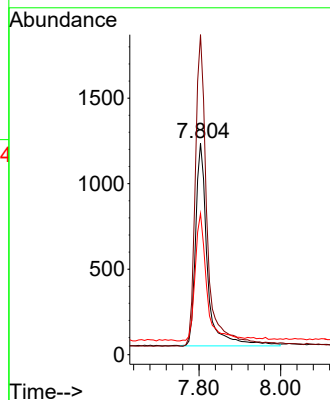


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030346.D
 Acq: 08 Mar 2024 05:17

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20240226DL

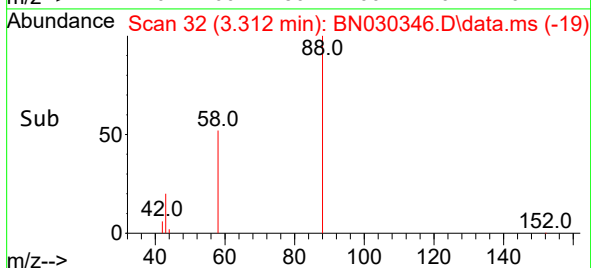
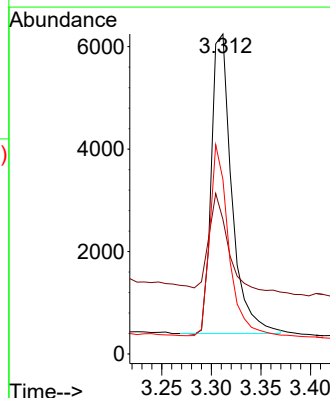
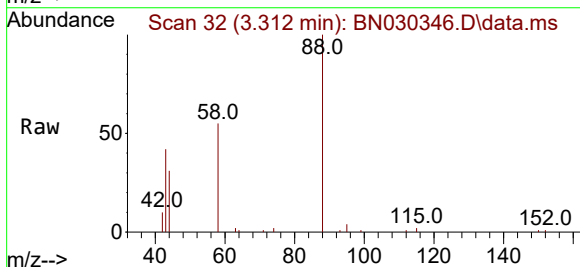


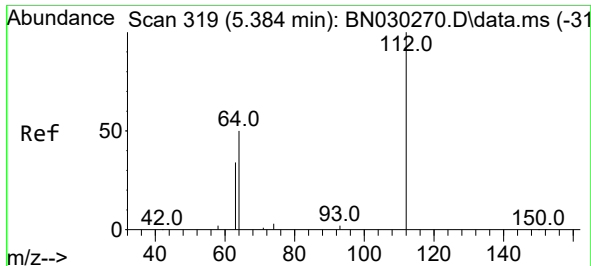
Tgt Ion:152 Resp: 2377
 Ion Ratio Lower Upper
 152 100
 150 151.3 119.4 179.0
 115 66.7 56.9 85.3



#2
 1,4-Dioxane
 Concen: 2.714 ng
 RT: 3.312 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BN030346.D
 Acq: 08 Mar 2024 05:17

Tgt Ion: 88 Resp: 8368
 Ion Ratio Lower Upper
 88 100
 43 31.0 23.8 35.8
 58 59.0 46.2 69.4

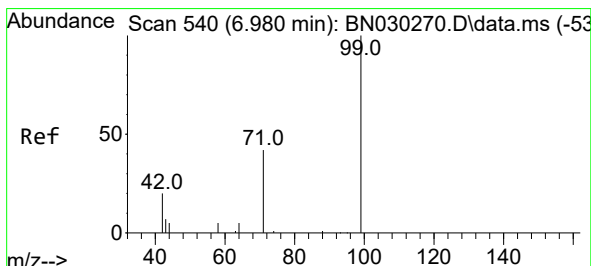
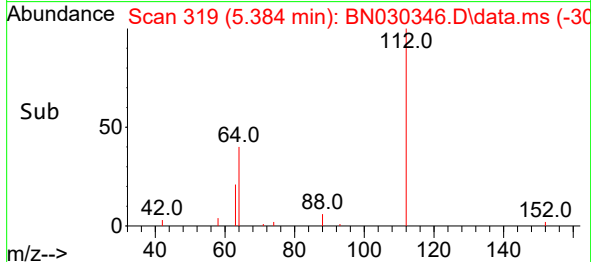
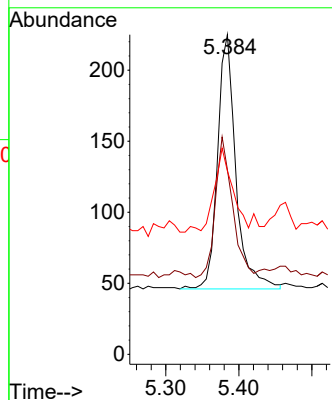
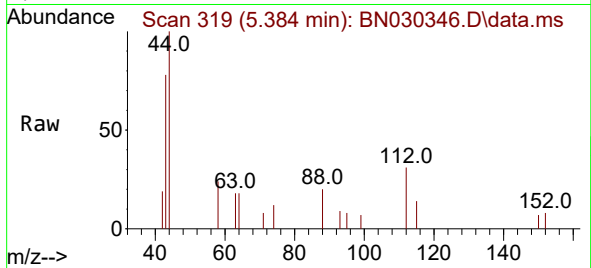




#4
2-Fluorophenol
Concen: 0.050 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN030346.D
Acq: 08 Mar 2024 05:17

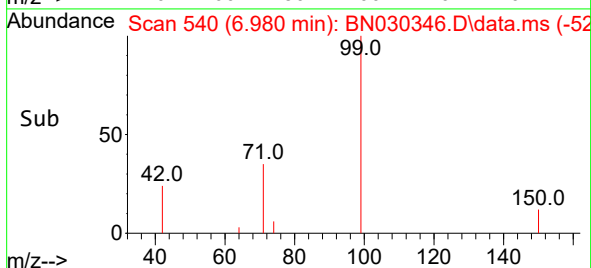
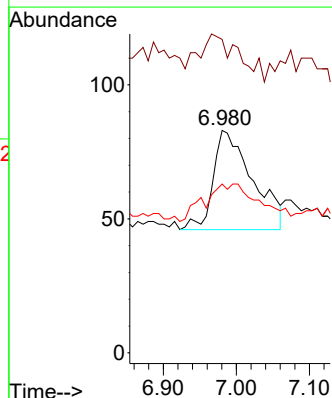
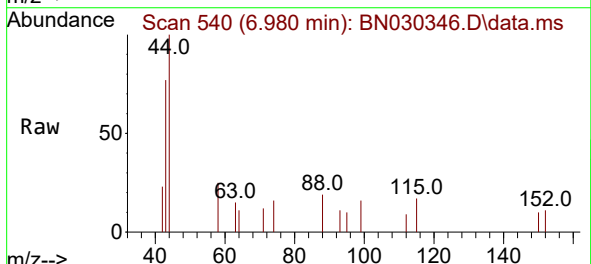
Instrument :
BNA_N
ClientSampleId :
RE134D2-20240226DL

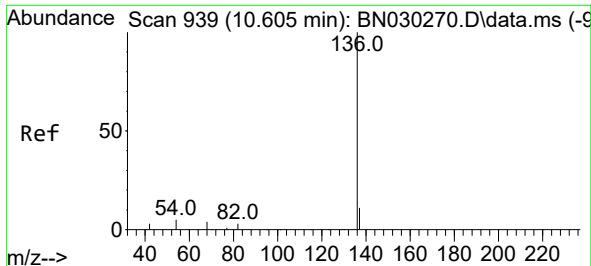
Tgt Ion:	112	Resp:	312
Ion Ratio	Lower	Upper	
112	100		
64	51.6	41.8	62.8
63	33.3	27.1	40.7



#5
Phenol-d6
Concen: 0.021 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.000 min
Lab File: BN030346.D
Acq: 08 Mar 2024 05:17

Tgt Ion:	99	Resp:	138
Ion Ratio	Lower	Upper	
99	100		
42	30.4	19.0	28.6
71	53.6	36.0	54.0

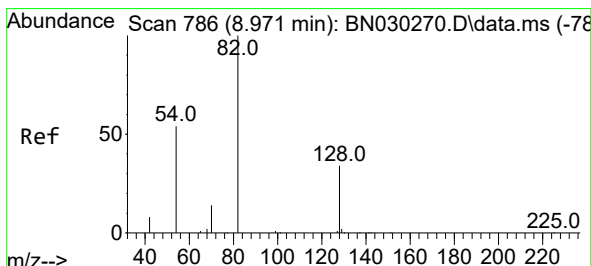
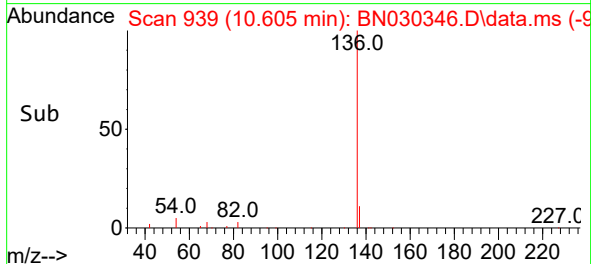
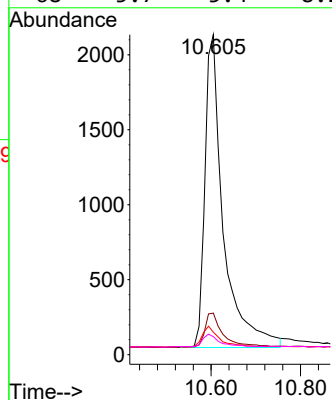
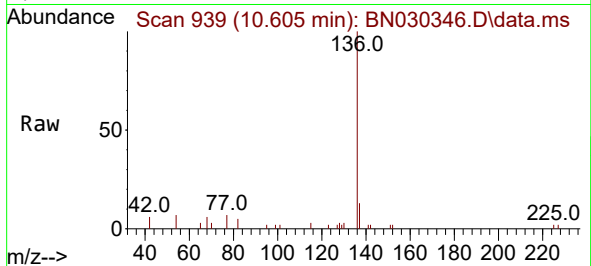




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN030346.D
Acq: 08 Mar 2024 05:17

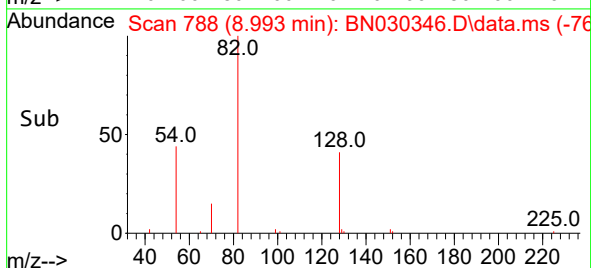
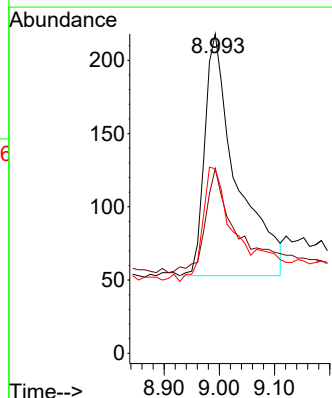
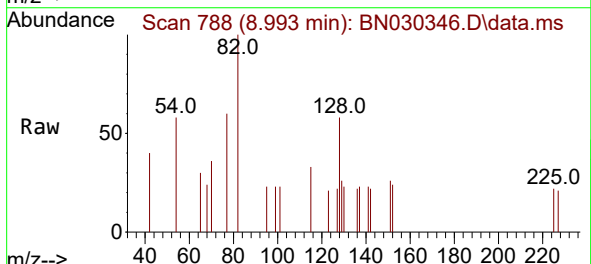
Instrument :
BNA_N
ClientSampleId :
RE134D2-20240226DL

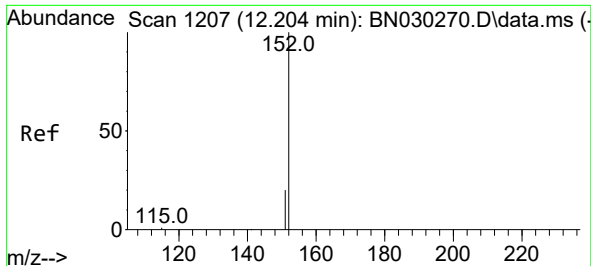
Tgt Ion:	136	Resp:	5964
Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.5	15.7
54	7.1	6.4	9.6
68	5.7	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.121 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.021 min
Lab File: BN030346.D
Acq: 08 Mar 2024 05:17

Tgt Ion:	82	Resp:	659
Ion	Ratio	Lower	Upper
82	100		
128	57.8	32.2	48.2#
54	57.8	47.3	70.9

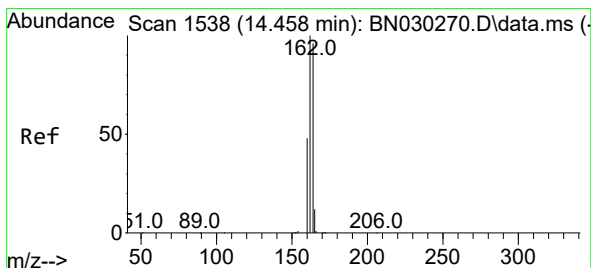
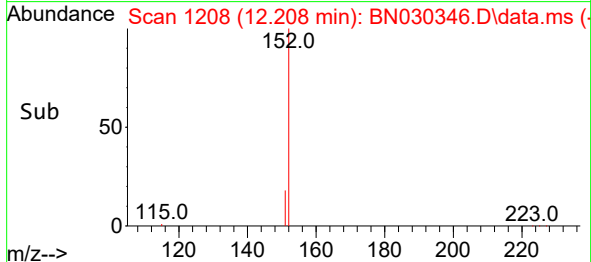
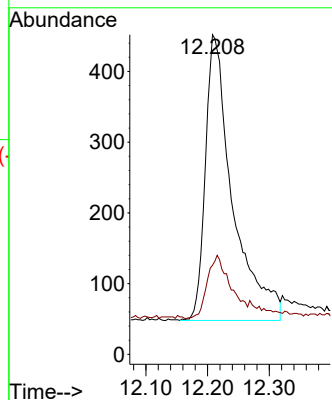
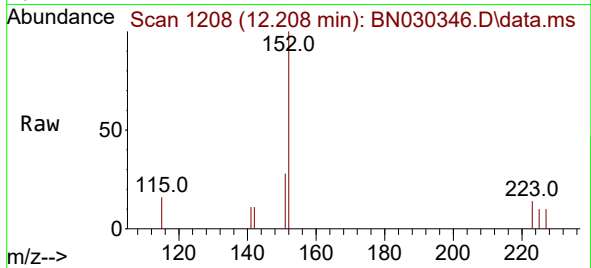




#11
2-Methylnaphthalene-d10
Concen: 0.143 ng
RT: 12.208 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN030346.D
Acq: 08 Mar 2024 05:17

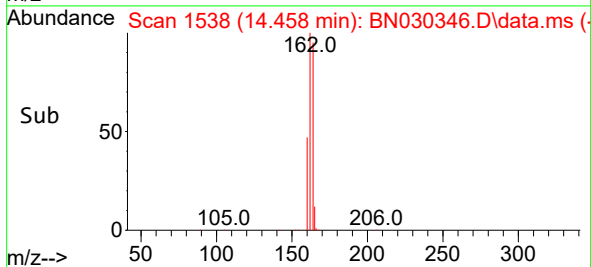
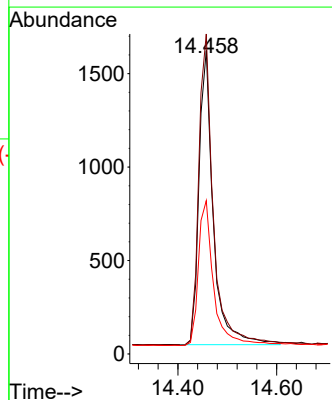
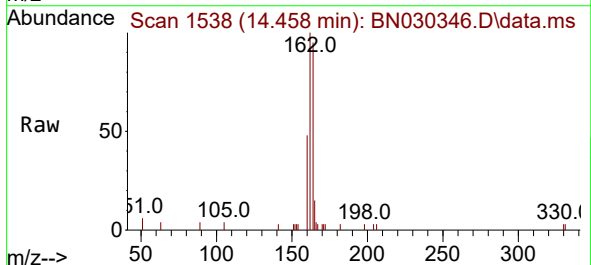
Instrument :
BNA_N
ClientSampleId :
RE134D2-20240226DL

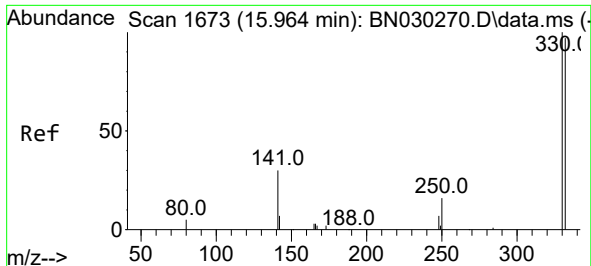
Tgt Ion:152 Resp: 1236
Ion Ratio Lower Upper
152 100
151 18.9 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BN030346.D
Acq: 08 Mar 2024 05:17

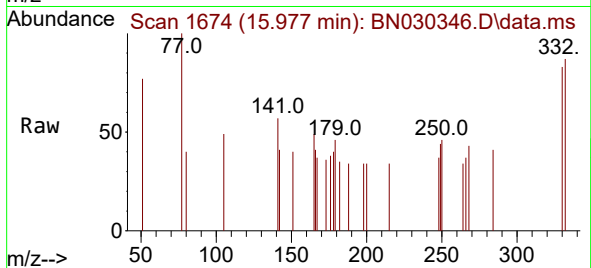
Tgt Ion:164 Resp: 3161
Ion Ratio Lower Upper
164 100
162 105.4 83.4 125.2
160 50.5 41.7 62.5



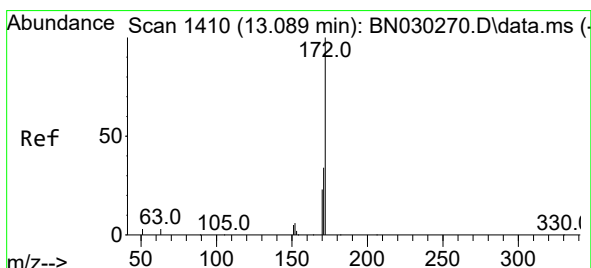
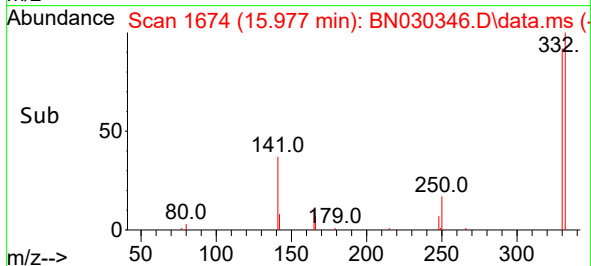
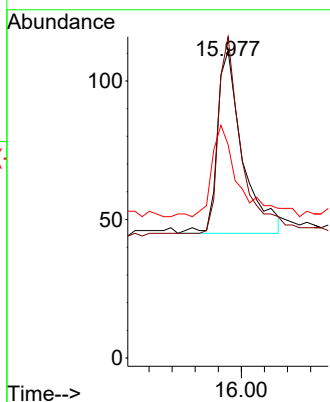


#14
2,4,6-Tribromophenol
Concen: 0.123 ng
RT: 15.977 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN030346.D
Acq: 08 Mar 2024 05:17

Instrument :
BNA_N
ClientSampleId :
RE134D2-20240226DL

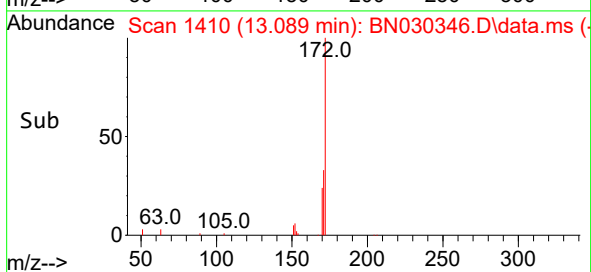
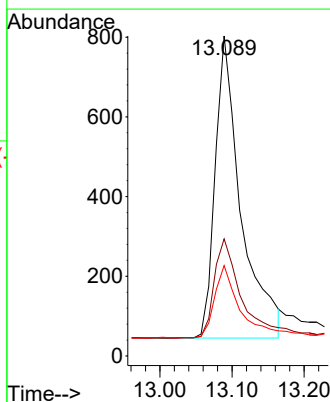
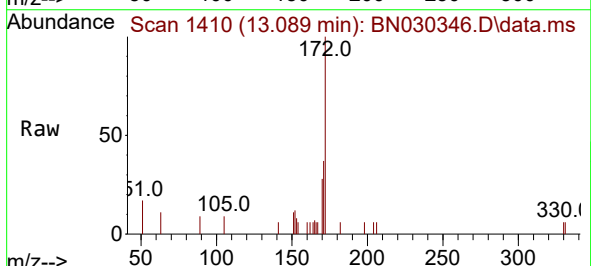


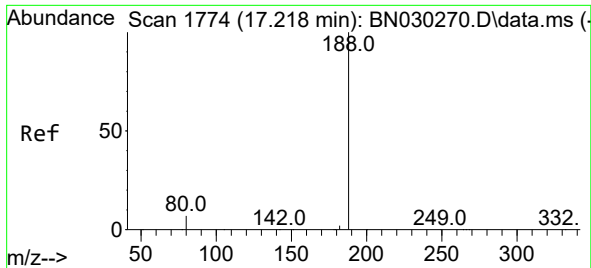
Tgt Ion:330 Resp: 200
Ion Ratio Lower Upper
330 100
332 95.5 72.6 108.8
141 45.5 41.3 61.9



#15
2-Fluorobiphenyl
Concen: 0.143 ng
RT: 13.089 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN030346.D
Acq: 08 Mar 2024 05:17

Tgt Ion:172 Resp: 1879
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 28.3 20.2 30.2

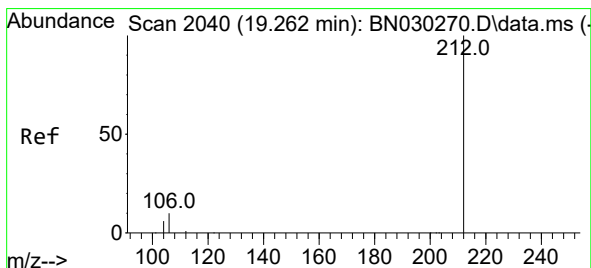
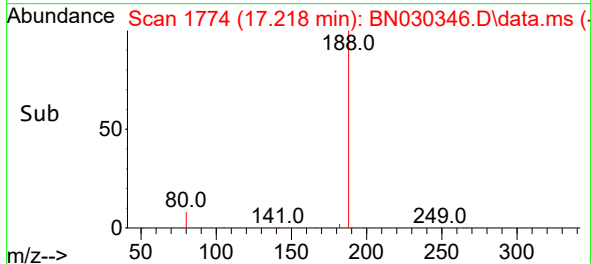
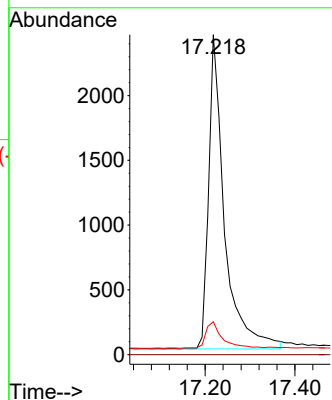
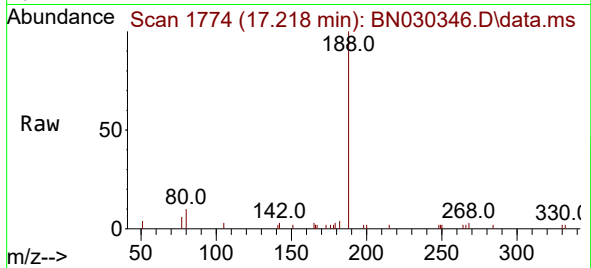




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BN030346.D
Acq: 08 Mar 2024 05:17

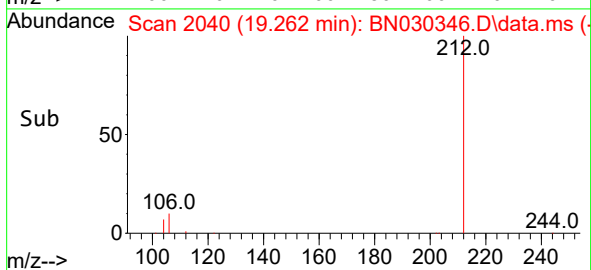
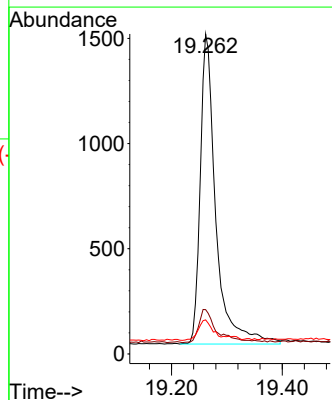
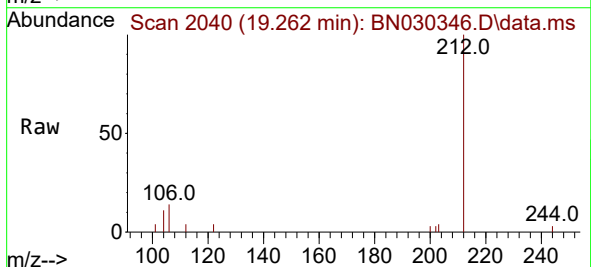
Instrument :
BNA_N
ClientSampleId :
RE134D2-20240226DL

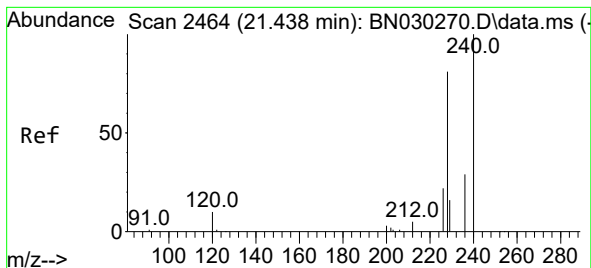
Tgt Ion:188 Resp: 5922
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 7.8 11.6



#27
Fluoranthene-d10
Concen: 0.177 ng
RT: 19.262 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BN030346.D
Acq: 08 Mar 2024 05:17

Tgt Ion:212 Resp: 2884
Ion Ratio Lower Upper
212 100
106 12.3 8.2 12.4
104 6.1 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: BN030346.D

Acq: 08 Mar 2024 05:17

Instrument :

BNA_N

ClientSampleId :

RE134D2-20240226DL

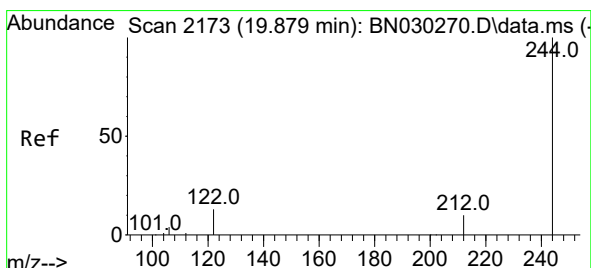
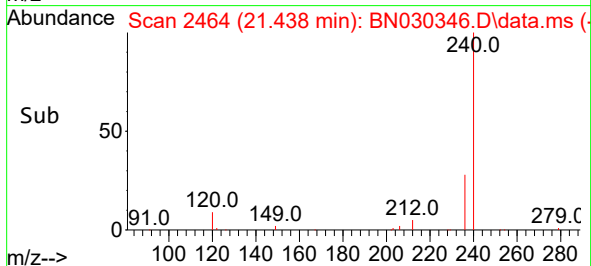
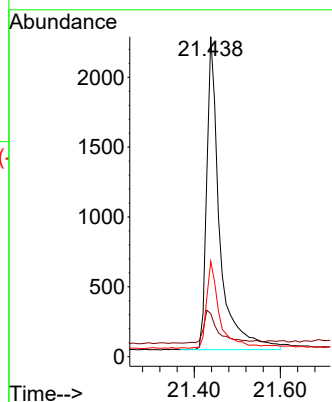
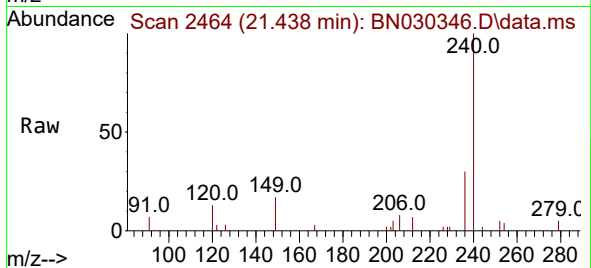
Tgt Ion:240 Resp: 4706

Ion Ratio Lower Upper

240 100

120 13.4 12.2 18.2

236 29.7 25.2 37.8



#31

Terphenyl-d14

Concen: 0.189 ng

RT: 19.870 min Scan# 2171

Delta R.T. -0.009 min

Lab File: BN030346.D

Acq: 08 Mar 2024 05:17

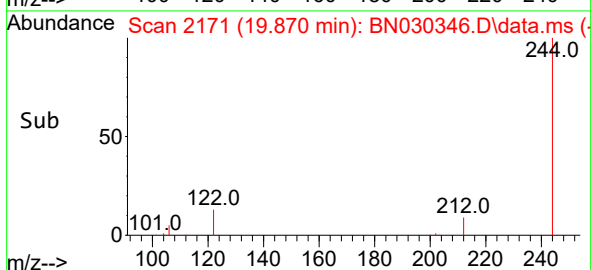
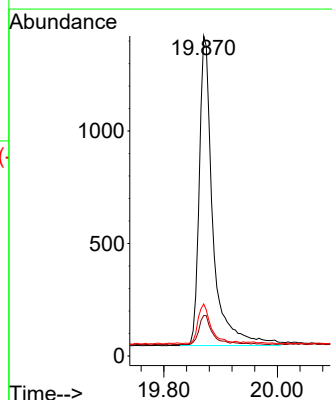
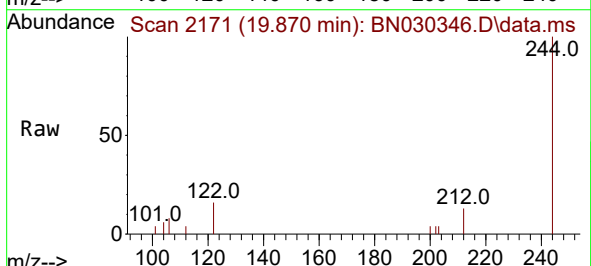
Tgt Ion:244 Resp: 2303

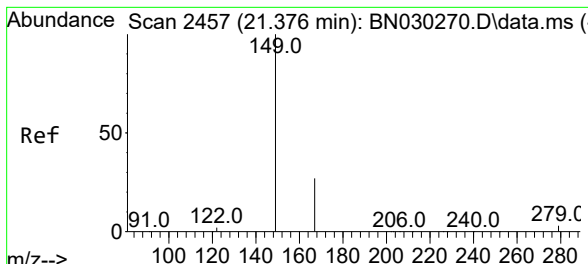
Ion Ratio Lower Upper

244 100

212 12.6 9.5 14.3

122 16.2 11.8 17.6



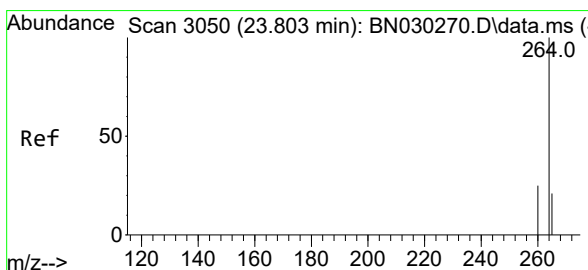
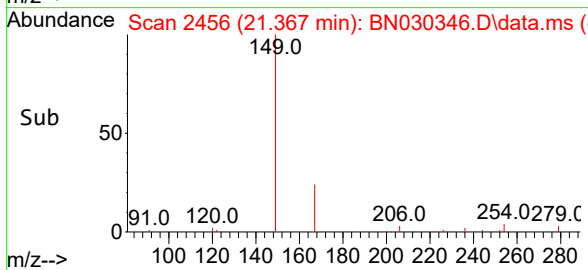
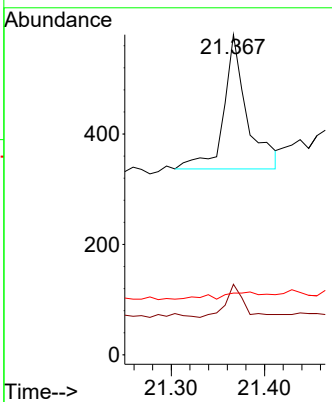
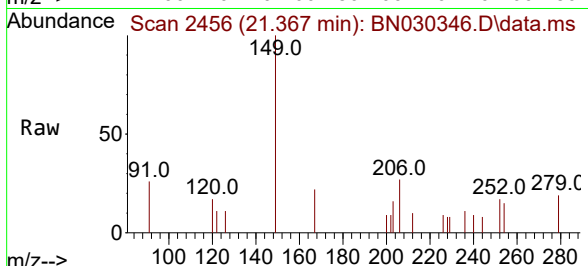


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.367 min Scan# 2456
 Delta R.T. -0.009 min
 Lab File: BN030346.D
 Acq: 08 Mar 2024 05:17

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20240226DL

Tgt Ion:149 Resp: 420

Ion	Ratio	Lower	Upper
149	100		
167	19.5	20.6	30.8#
279	8.8	4.0	6.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.794 min Scan# 3047
 Delta R.T. -0.009 min
 Lab File: BN030346.D
 Acq: 08 Mar 2024 05:17

Tgt Ion:264 Resp: 5213

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.7	32.5
265	58.7	50.8	76.2

