

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030057.D
 Acq On : 26 Feb 2024 14:35
 Operator : MA/JU
 Sample : P1520-11DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240216DL

Quant Time: Feb 26 15:12:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

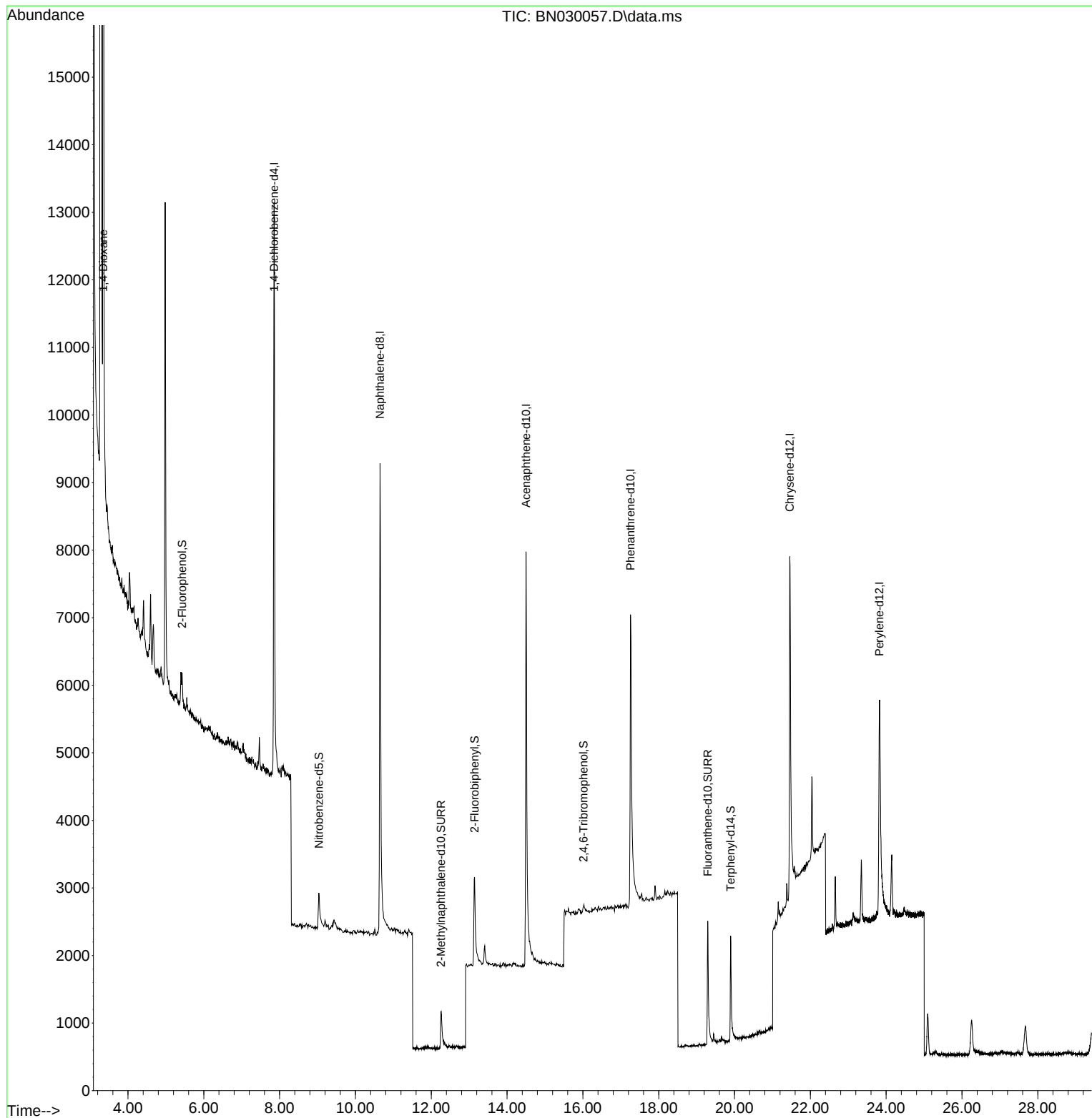
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4695	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12122	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	5487	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	11460	0.400	ng	# 0.00
29) Chrysene-d12	21.456	240	8360	0.400	ng	0.00
35) Perylene-d12	23.824	264	7798	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	340	0.030	ng	0.00
5) Phenol-d6	7.038	99	185	0.014	ng	0.01
8) Nitrobenzene-d5	9.035	82	956	0.095	ng	0.02
11) 2-Methylnaphthalene-d10	12.261	152	1481	0.090	ng	0.02
14) 2,4,6-Tribromophenol	16.014	330	91	0.052	ng	0.01
15) 2-Fluorobiphenyl	13.143	172	2096	0.089	ng	0.02
27) Fluoranthene-d10	19.294	212	3095	0.112	ng	0.00
31) Terphenyl-d14	19.898	244	2387	0.115	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	16528	2.501	ng	Qvalue 95

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

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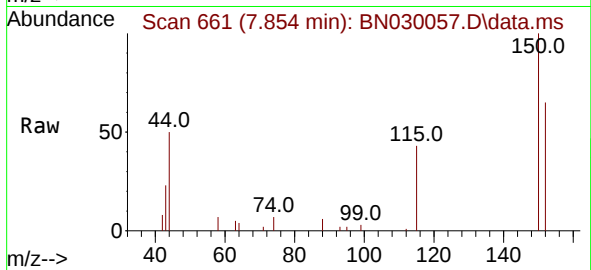
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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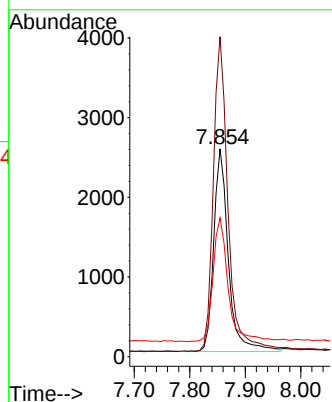
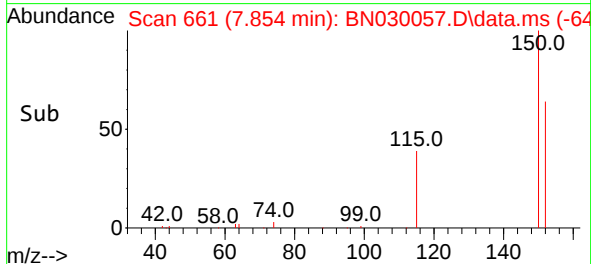


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN030057.D
 Acq: 26 Feb 2024 14:35

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240216DL

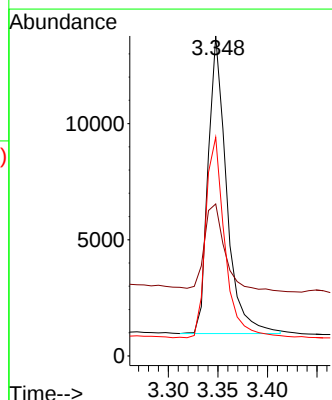
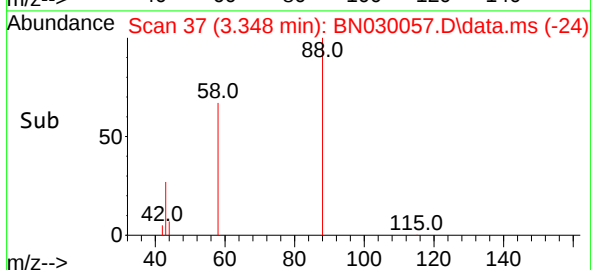
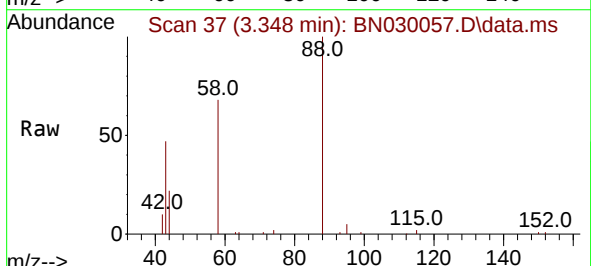


Tgt Ion:152 Resp: 4695
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.0 184.4
 115 66.8 51.4 77.0



#2
 1,4-Dioxane
 Concen: 2.501 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN030057.D
 Acq: 26 Feb 2024 14:35

Tgt Ion: 88 Resp: 16528
 Ion Ratio Lower Upper
 88 100
 43 32.4 23.3 34.9
 58 70.3 53.8 80.6

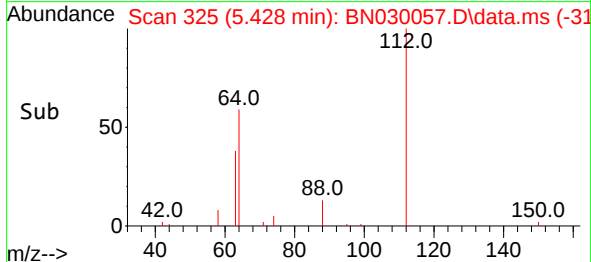
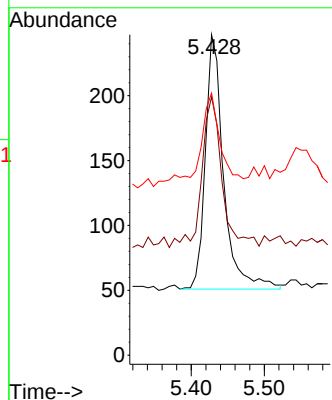
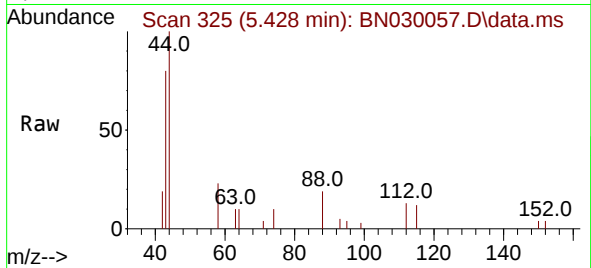




#4
2-Fluorophenol
Concen: 0.030 ng
RT: 5.428 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN030057.D
Acq: 26 Feb 2024 14:35

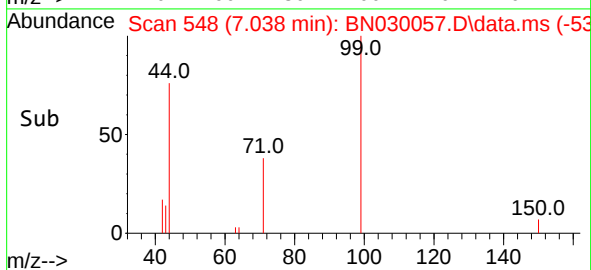
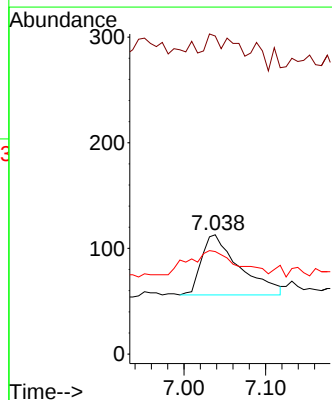
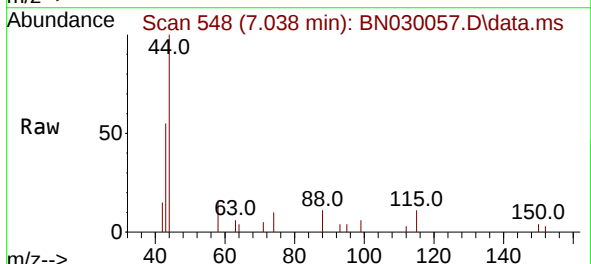
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240216DL

Tgt Ion:112 Resp: 340
Ion Ratio Lower Upper
112 100
64 65.0 47.2 70.8
63 42.4 25.8 38.6#



#5
Phenol-d6
Concen: 0.014 ng
RT: 7.038 min Scan# 548
Delta R.T. 0.015 min
Lab File: BN030057.D
Acq: 26 Feb 2024 14:35

Tgt Ion: 99 Resp: 185
Ion Ratio Lower Upper
99 100
42 9.2 16.9 25.3#
71 50.8 30.0 45.0#

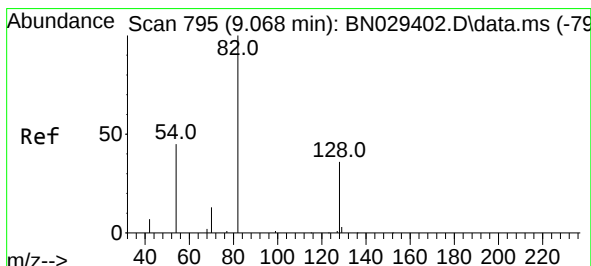
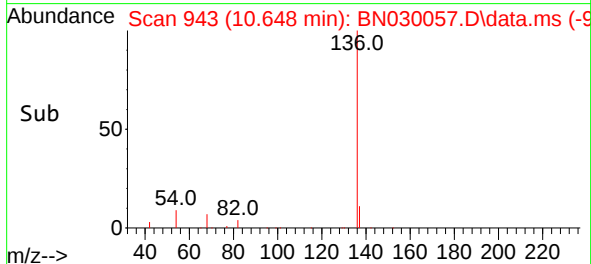
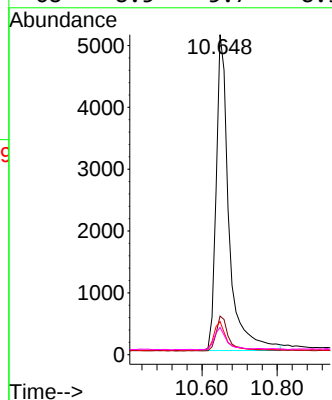
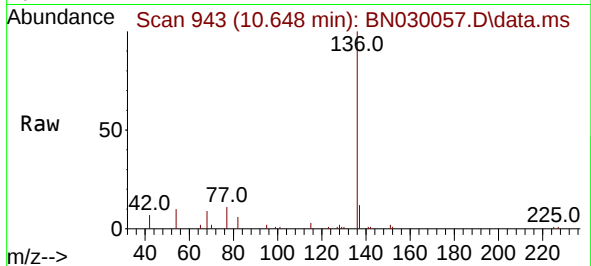




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN030057.D
Acq: 26 Feb 2024 14:35

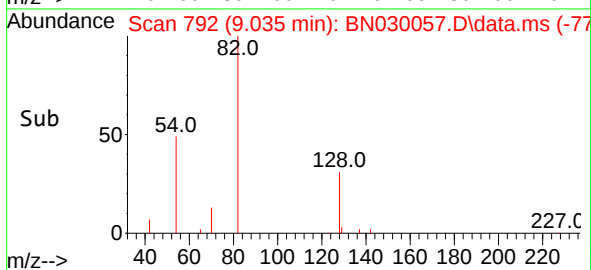
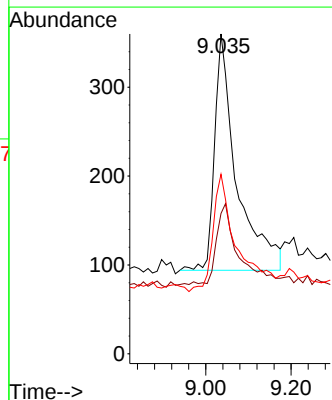
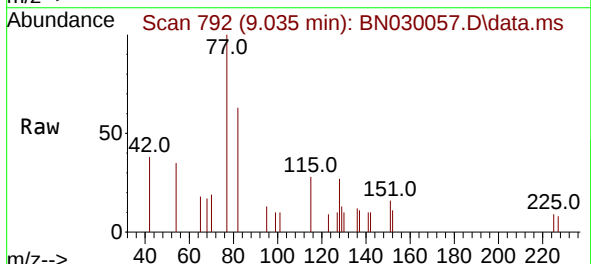
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240216DL

Tgt Ion:136	Resp:	12122
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.7 14.5
54	10.4	6.6 10.0#
68	8.5	5.7 8.5



#8
Nitrobenzene-d5
Concen: 0.095 ng
RT: 9.035 min Scan# 792
Delta R.T. 0.022 min
Lab File: BN030057.D
Acq: 26 Feb 2024 14:35

Tgt Ion: 82	Resp:	956
Ion Ratio	Lower	Upper
82	100	
128	43.9	31.6 47.4
54	56.1	38.2 57.4

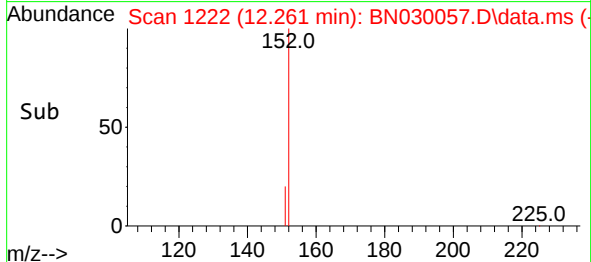
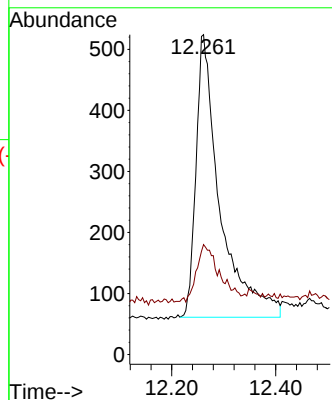
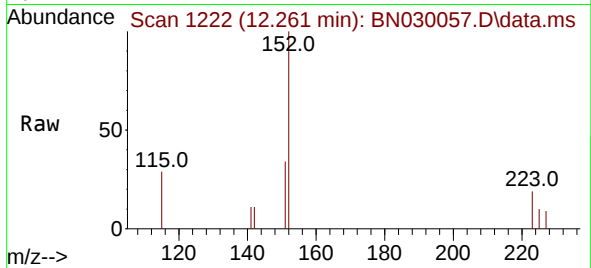




#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 12.261 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN030057.D
Acq: 26 Feb 2024 14:35

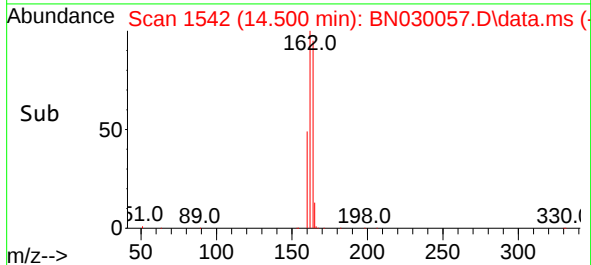
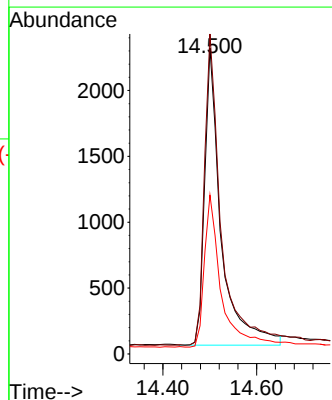
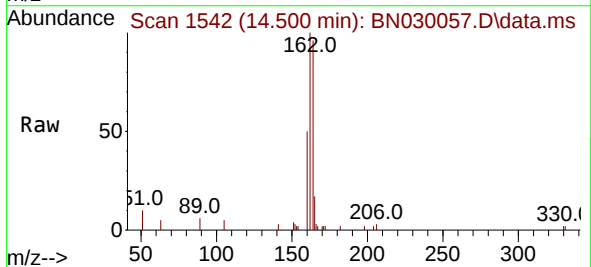
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240216DL

Tgt Ion:152 Resp: 1481
Ion Ratio Lower Upper
152 100
151 19.6 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030057.D
Acq: 26 Feb 2024 14:35

Tgt Ion:164 Resp: 5487
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 51.9 41.5 62.3

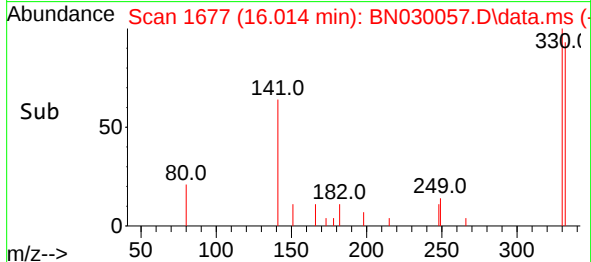
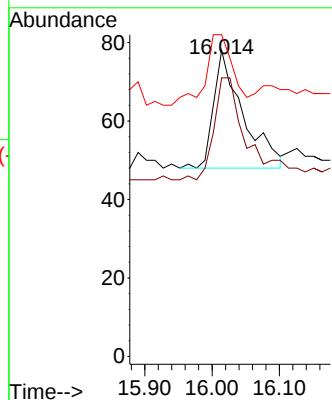
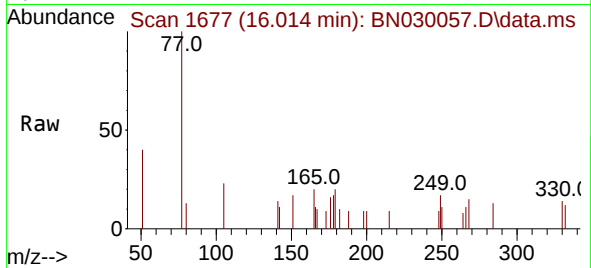




#14
2,4,6-Tribromophenol
Concen: 0.052 ng
RT: 16.014 min Scan# 1677
Delta R.T. 0.013 min
Lab File: BN030057.D
Acq: 26 Feb 2024 14:35

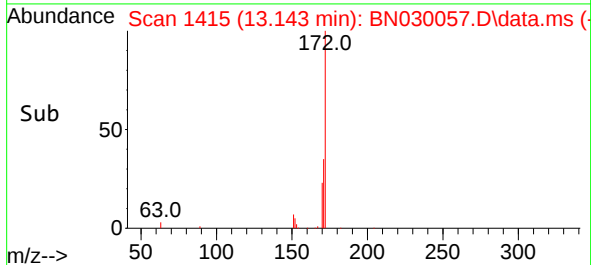
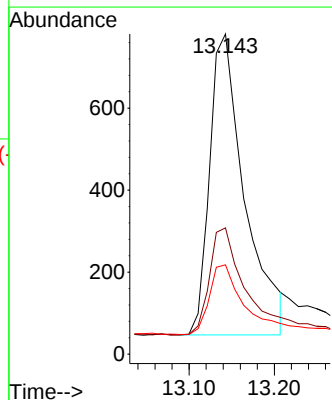
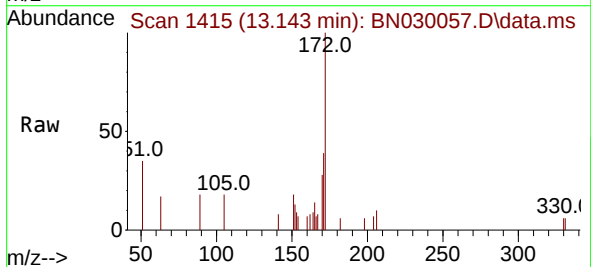
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BNA_N
ClientSampleId :
RE125D2-20240216DL

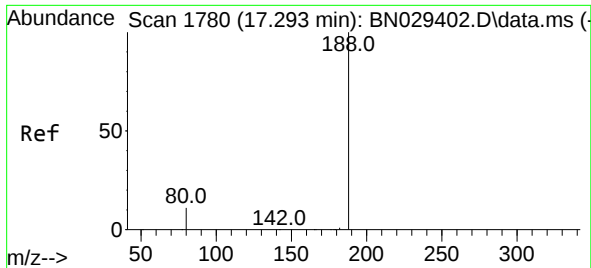
Tgt Ion:330 Resp: 91
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 54.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.089 ng
RT: 13.143 min Scan# 1415
Delta R.T. 0.022 min
Lab File: BN030057.D
Acq: 26 Feb 2024 14:35

Tgt Ion:172 Resp: 2096
Ion Ratio Lower Upper
172 100
171 39.4 28.0 42.0
170 27.9 18.7 28.1

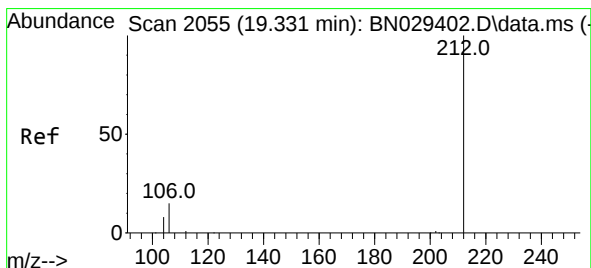
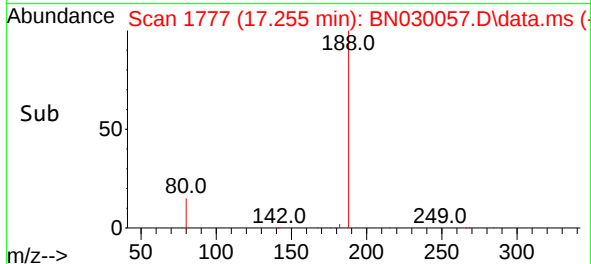
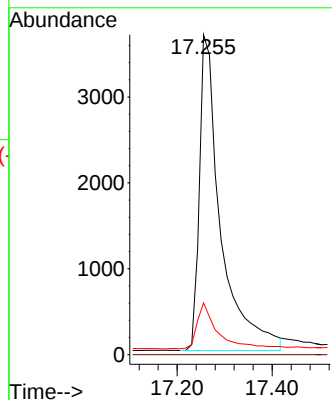
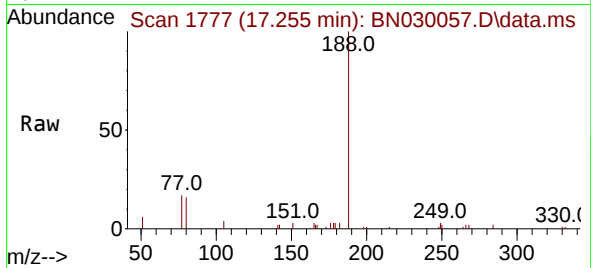




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030057.D
Acq: 26 Feb 2024 14:35

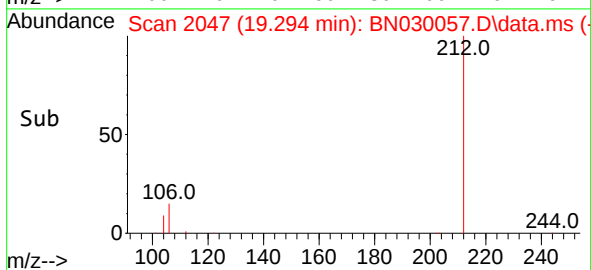
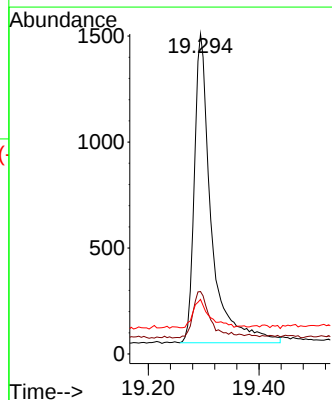
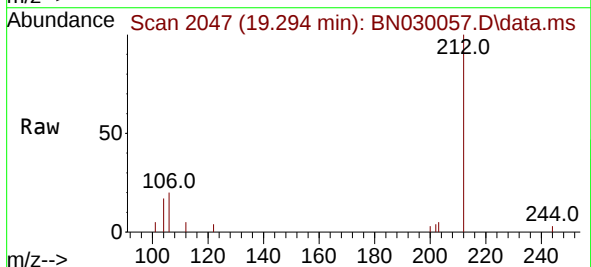
Instrument :
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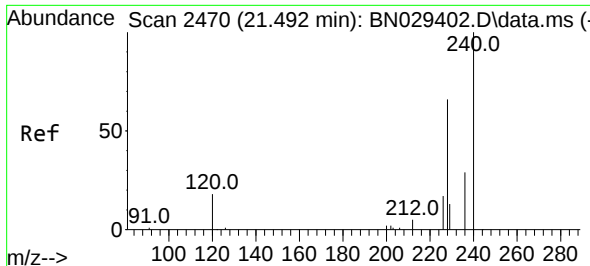
Tgt Ion:188 Resp: 11460
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.2 10.0 15.0#



#27
Fluoranthene-d10
Concen: 0.112 ng
RT: 19.294 min Scan# 2047
Delta R.T. 0.005 min
Lab File: BN030057.D
Acq: 26 Feb 2024 14:35

Tgt Ion:212 Resp: 3095
Ion Ratio Lower Upper
212 100
106 14.9 13.2 19.8
104 8.9 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.456 min Scan# 2466

Delta R.T. 0.000 min

Lab File: BN030057.D

Acq: 26 Feb 2024 14:35

Instrument :

BNA_N

ClientSampleId :

RE125D2-20240216DL

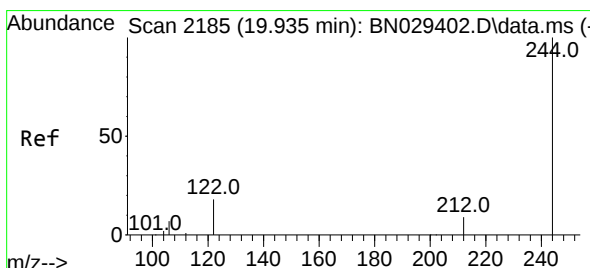
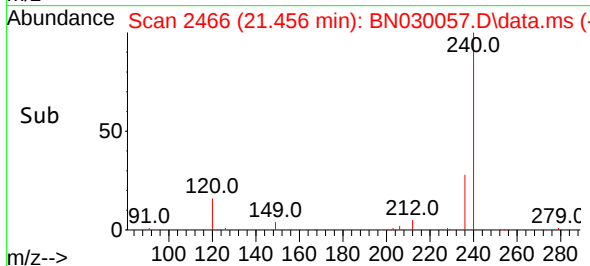
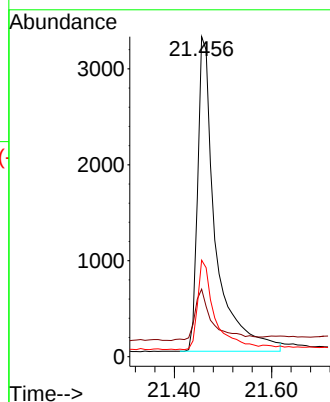
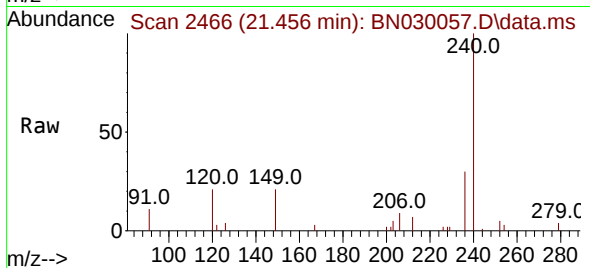
Tgt Ion:240 Resp: 8360

Ion Ratio Lower Upper

240 100

120 21.1 16.7 25.1

236 30.2 23.9 35.9



#31

Terphenyl-d14

Concen: 0.115 ng

RT: 19.898 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BN030057.D

Acq: 26 Feb 2024 14:35

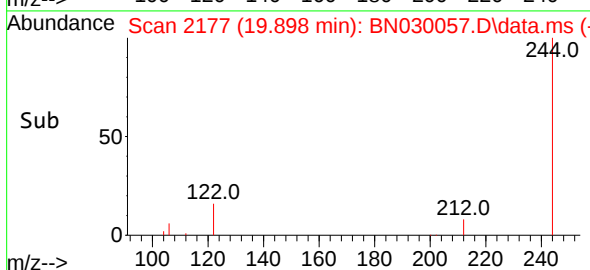
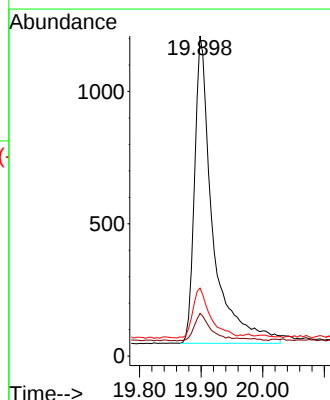
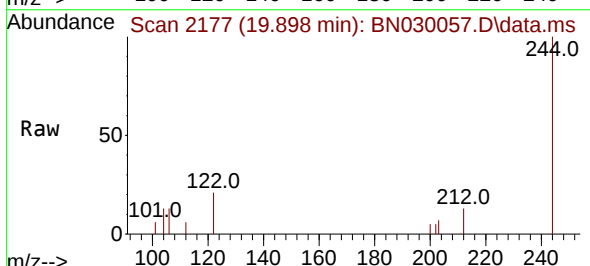
Tgt Ion:244 Resp: 2387

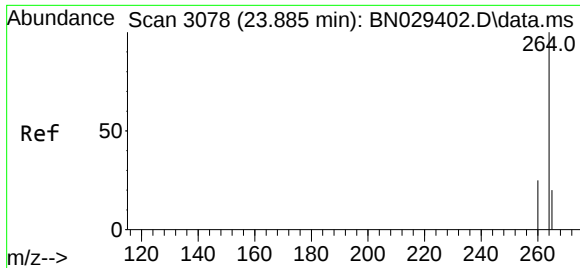
Ion Ratio Lower Upper

244 100

212 13.3 8.2 12.4#

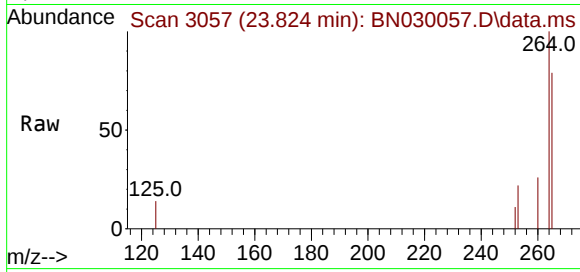
122 21.2 15.6 23.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.824 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN030057.D
 Acq: 26 Feb 2024 14:35

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Tgt Ion:264 Resp: 7798

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.2	31.8
265	79.2	41.5	62.3

