

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034108.D
 Acq On : 21 Sep 2024 04:29
 Operator : JU/RC
 Sample : P4003-17
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20240913

Quant Time: Sep 21 04:57:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

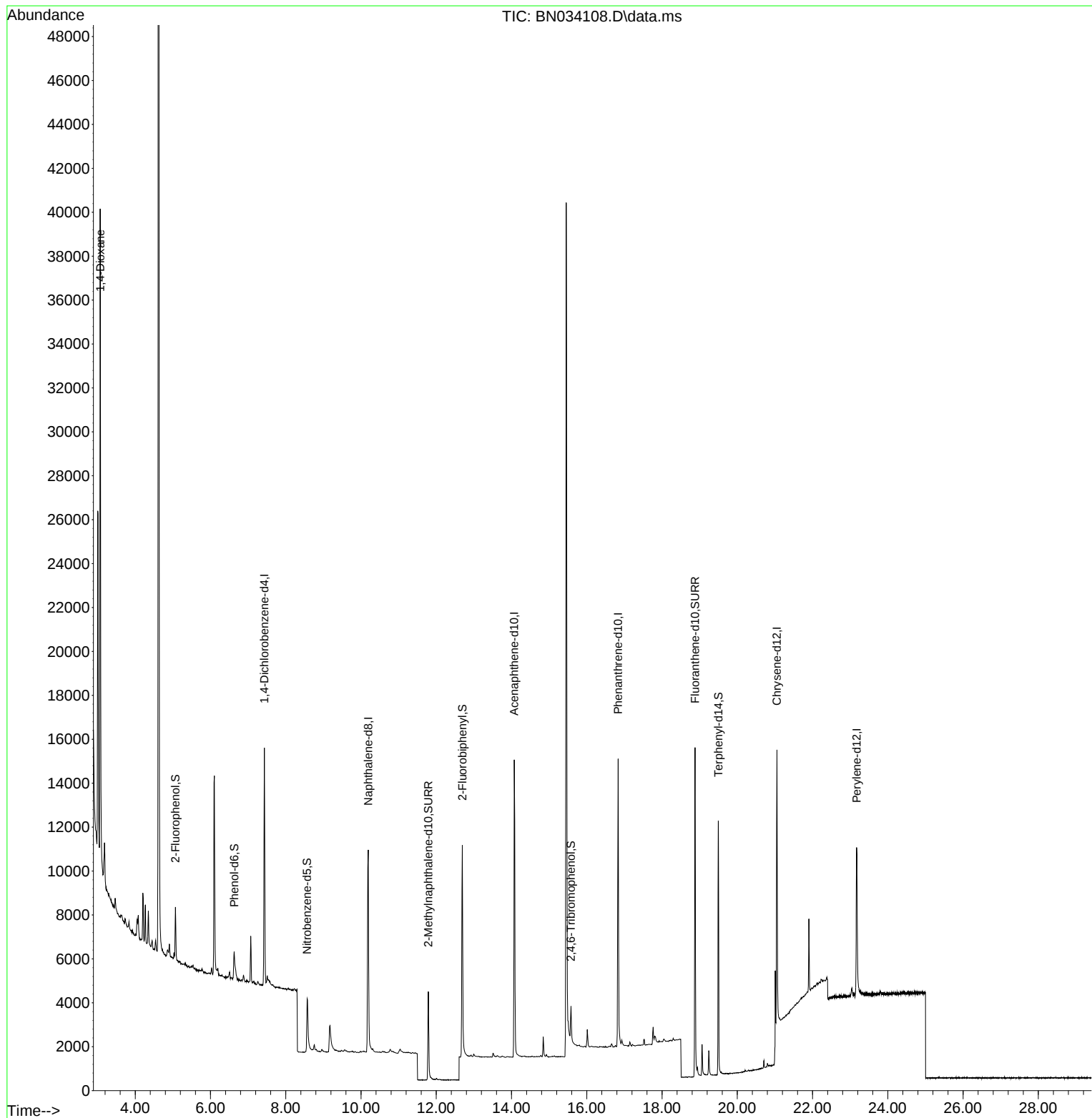
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	4992	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	13736	0.400	ng	0.00
13) Acenaphthene-d10	14.072	164	8201	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	17528	0.400	ng	0.00
29) Chrysene-d12	21.053	240	12383	0.400	ng	# 0.00
35) Perylene-d12	23.171	264	9467	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1818	0.128	ng	0.00
5) Phenol-d6	6.629	99	1173	0.071	ng	0.00
8) Nitrobenzene-d5	8.568	82	2851	0.271	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	6026	0.297	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	927	0.250	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	9579	0.287	ng	0.00
27) Fluoranthene-d10	18.876	212	16717	0.378	ng	-0.01
31) Terphenyl-d14	19.498	244	11080	0.448	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.068	88	15525	2.488	ng	# 83

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

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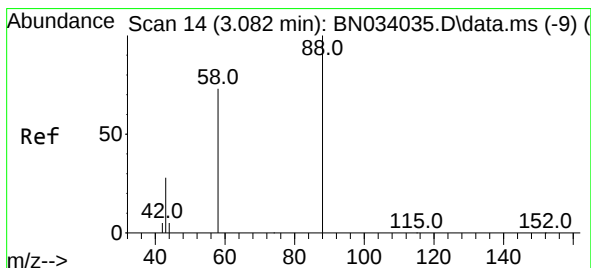
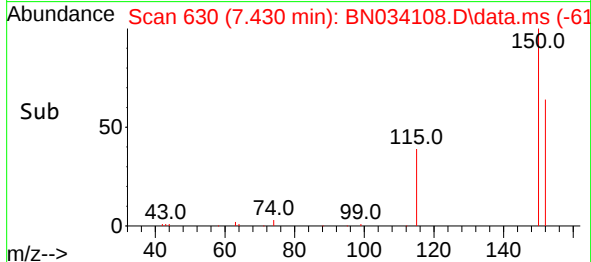
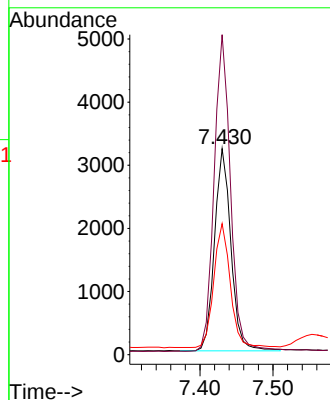
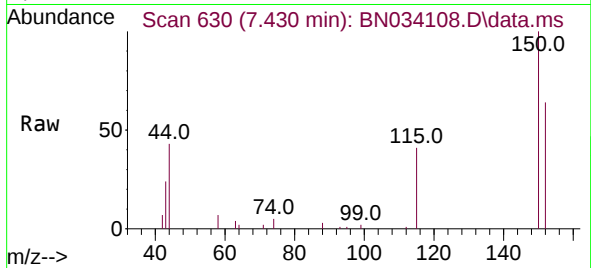




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.430 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN034108.D
 Acq: 21 Sep 2024 04:29

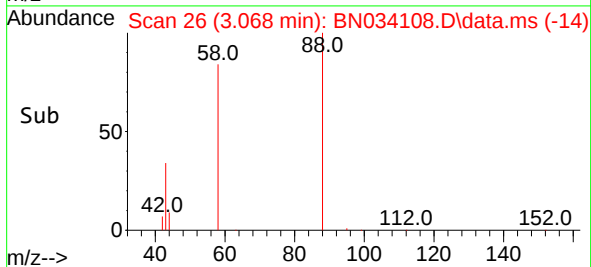
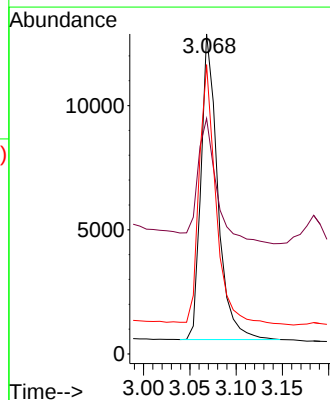
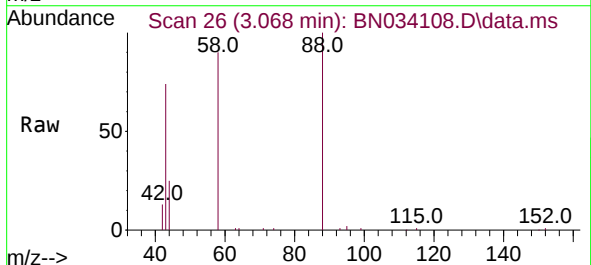
Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20240913

Tgt Ion:152 Resp: 4992
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 187.0
 115 63.6 50.0 75.0



#2
 1,4-Dioxane
 Concen: 2.488 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034108.D
 Acq: 21 Sep 2024 04:29

Tgt Ion: 88 Resp: 15525
 Ion Ratio Lower Upper
 88 100
 43 46.9 25.8 38.8
 58 84.2 58.8 88.2

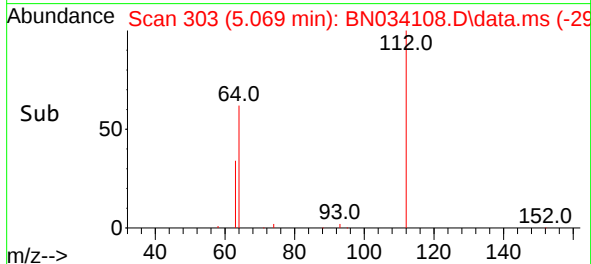
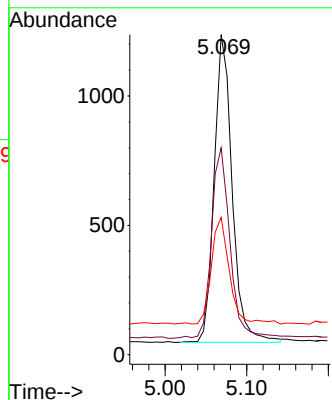
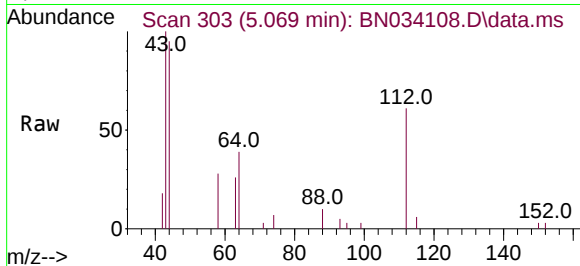




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034108.D
Acq: 21 Sep 2024 04:29

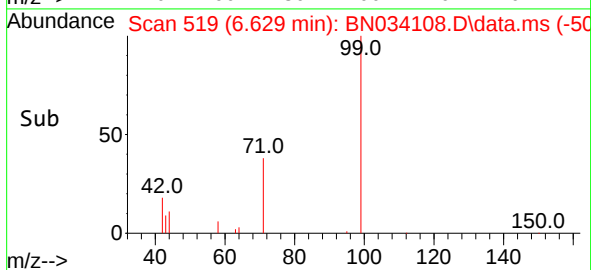
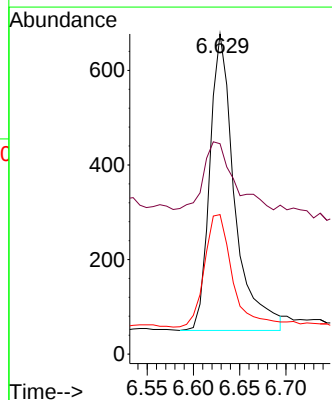
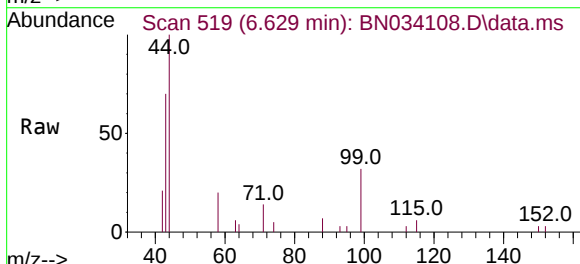
Instrument :
BNA_N
ClientSampleId :
RE126D1-20240913

Tgt Ion:112 Resp: 1818
Ion Ratio Lower Upper
112 100
64 64.2 48.6 72.8
63 34.8 25.6 38.4



#5
Phenol-d6
Concen: 0.071 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034108.D
Acq: 21 Sep 2024 04:29

Tgt Ion: 99 Resp: 1173
Ion Ratio Lower Upper
99 100
42 27.5 17.8 26.8#
71 42.7 26.2 39.2#

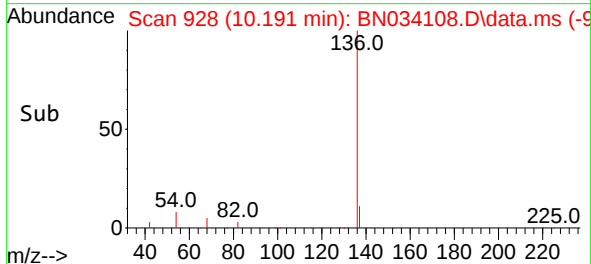
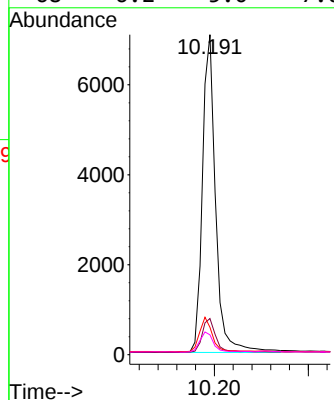
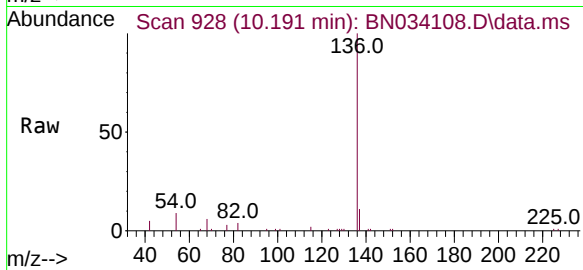




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034108.D
Acq: 21 Sep 2024 04:29

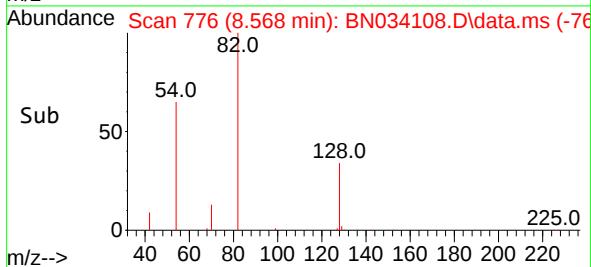
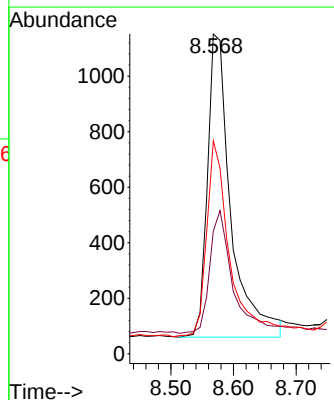
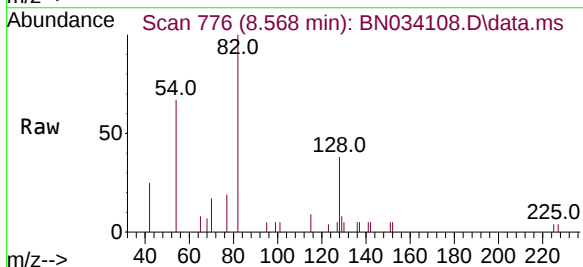
Instrument :
BNA_N
ClientSampleId :
RE126D1-20240913

Tgt Ion:	136	Resp:	13736
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	8.6	6.8	10.2
68	6.2	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034108.D
Acq: 21 Sep 2024 04:29

Tgt Ion:	82	Resp:	2851
Ion Ratio	Lower	Upper	
82	100		
128	38.4	31.4	47.2
54	66.6	47.4	71.0

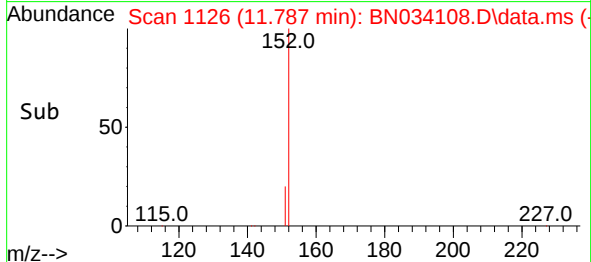
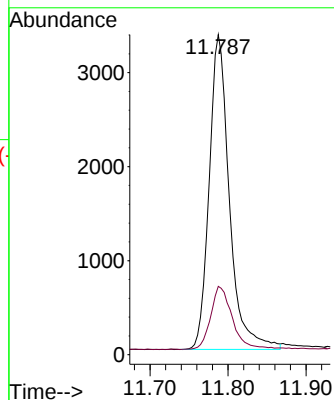
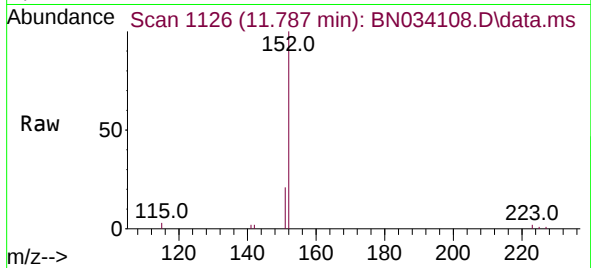




#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 11.787 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034108.D
Acq: 21 Sep 2024 04:29

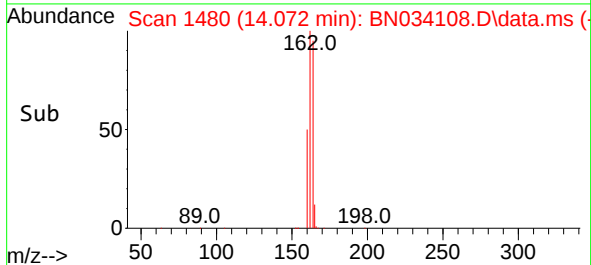
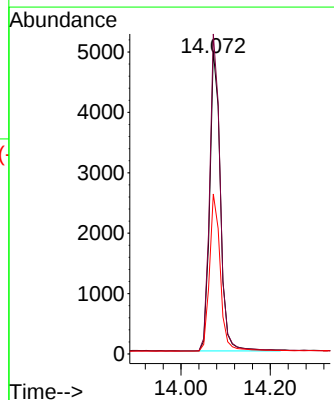
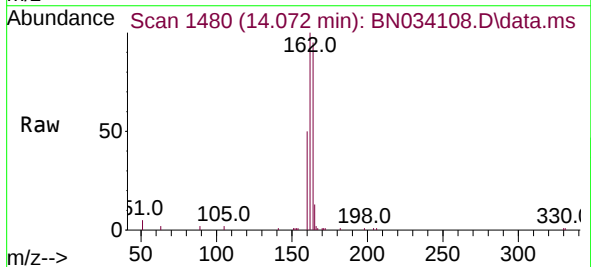
Instrument :
BNA_N
ClientSampleId :
RE126D1-20240913

Tgt Ion:152 Resp: 6026
Ion Ratio Lower Upper
152 100
151 21.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034108.D
Acq: 21 Sep 2024 04:29

Tgt Ion:164 Resp: 8201
Ion Ratio Lower Upper
164 100
162 105.7 84.2 126.2
160 52.8 41.7 62.5

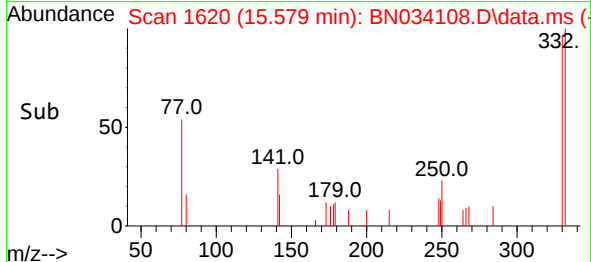
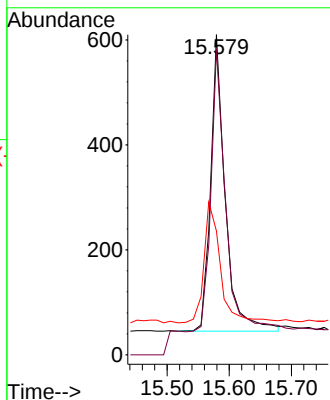
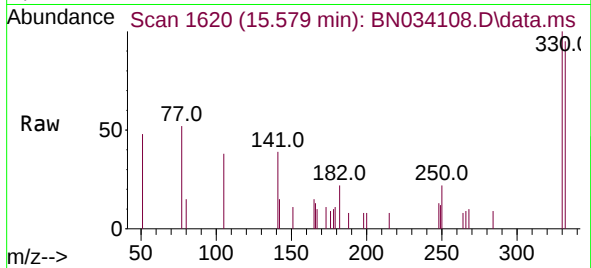




#14
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034108.D
Acq: 21 Sep 2024 04:29

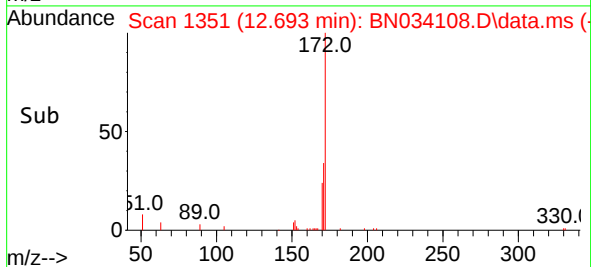
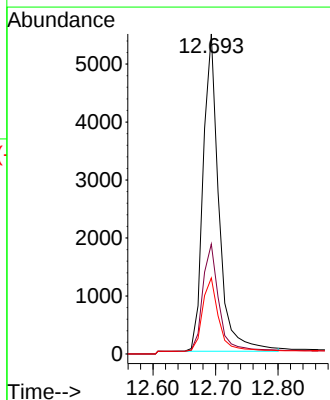
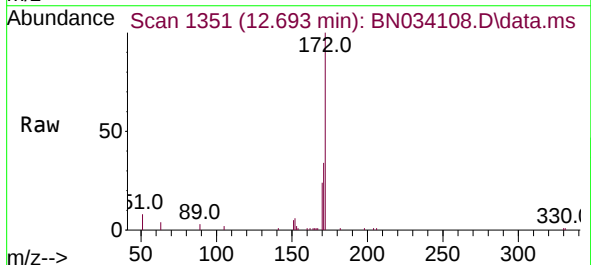
Instrument :
BNA_N
ClientSampleId :
RE126D1-20240913

Tgt Ion:330 Resp: 927
Ion Ratio Lower Upper
330 100
332 95.1 77.4 116.0
141 46.0 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034108.D
Acq: 21 Sep 2024 04:29

Tgt Ion:172 Resp: 9579
Ion Ratio Lower Upper
172 100
171 34.3 27.3 40.9
170 23.8 18.1 27.1

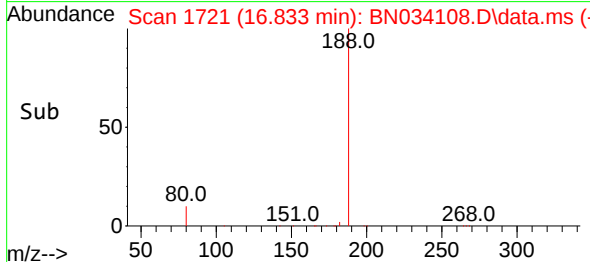
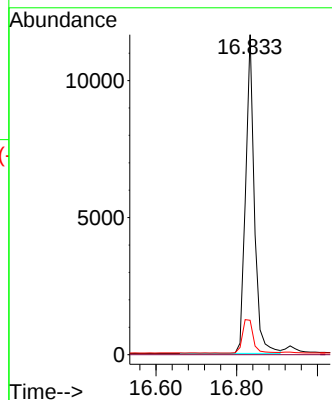
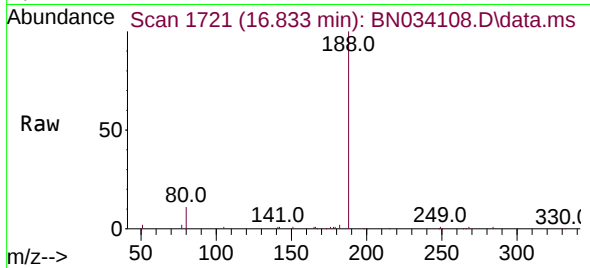




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034108.D
Acq: 21 Sep 2024 04:29

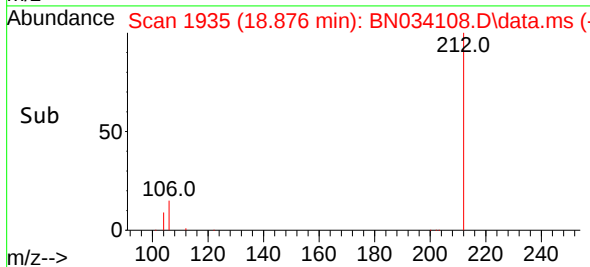
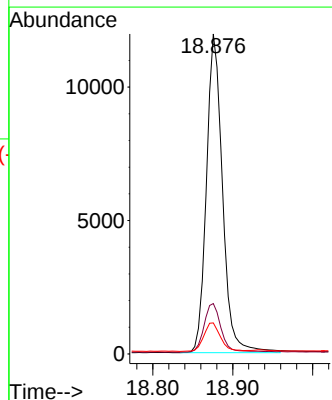
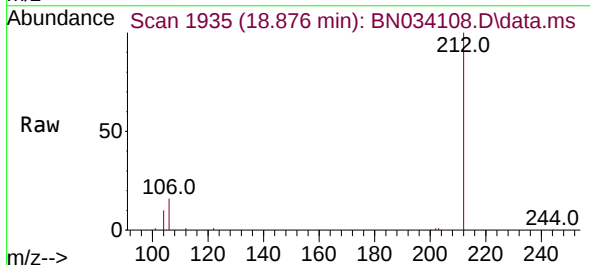
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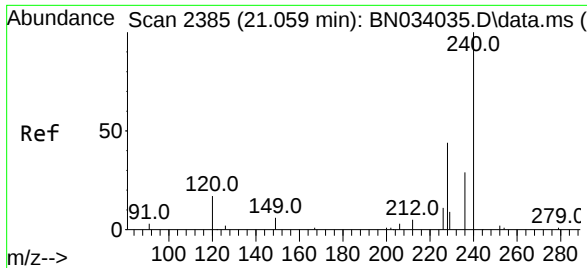
Tgt Ion:188 Resp: 17528
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034108.D
Acq: 21 Sep 2024 04:29

Tgt Ion:212 Resp: 16717
Ion Ratio Lower Upper
212 100
106 16.2 13.4 20.2
104 9.2 7.8 11.6

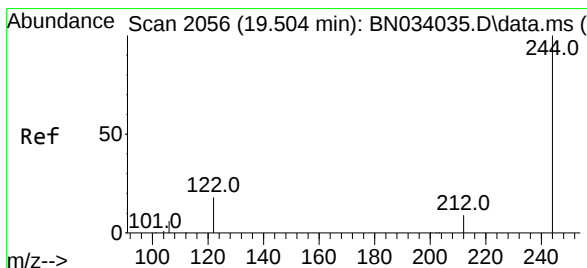
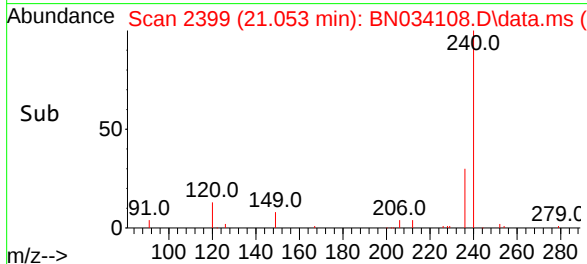
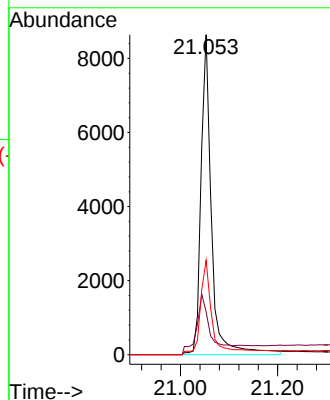
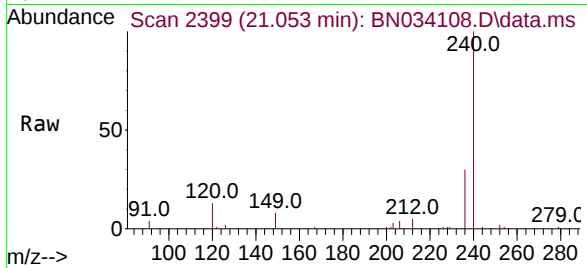




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034108.D
Acq: 21 Sep 2024 04:29

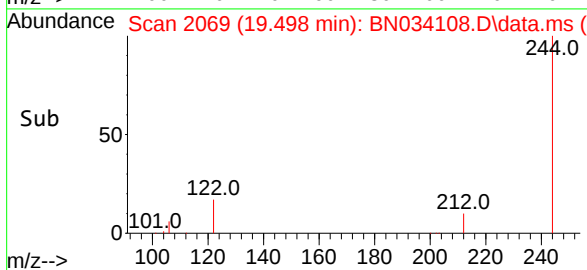
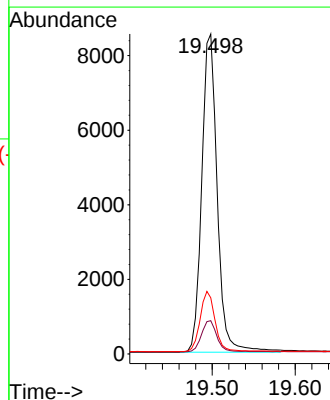
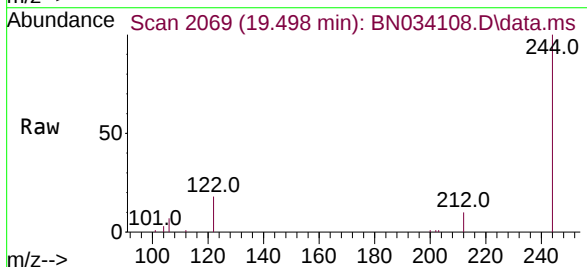
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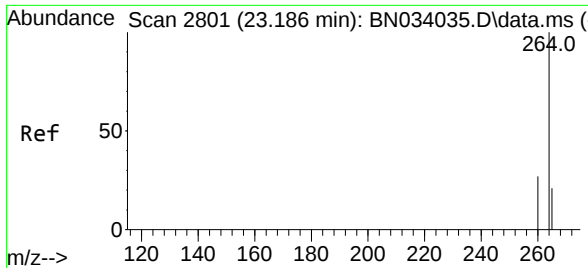
Tgt Ion:240 Resp: 12383
Ion Ratio Lower Upper
240 100
120 13.4 13.5 20.3#
236 29.5 23.4 35.0



#31
Terphenyl-d14
Concen: 0.448 ng
RT: 19.498 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN034108.D
Acq: 21 Sep 2024 04:29

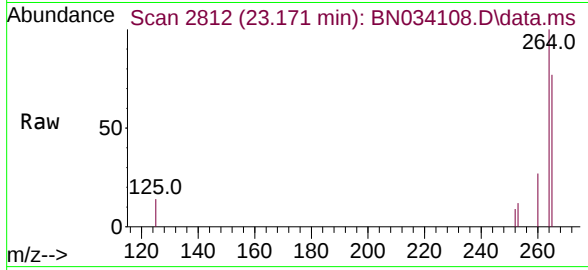
Tgt Ion:244 Resp: 11080
Ion Ratio Lower Upper
244 100
212 10.4 7.8 11.6
122 17.6 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.171 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN034108.D
 Acq: 21 Sep 2024 04:29

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20240913



Tgt Ion:264 Resp: 9467

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.7	32.5
265	76.9	52.1	78.1

