

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034088.D
 Acq On : 20 Sep 2024 15:41
 Operator : JU/RC
 Sample : P3957-18
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUPE1-20240911

Quant Time: Sep 20 16:55:09 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)

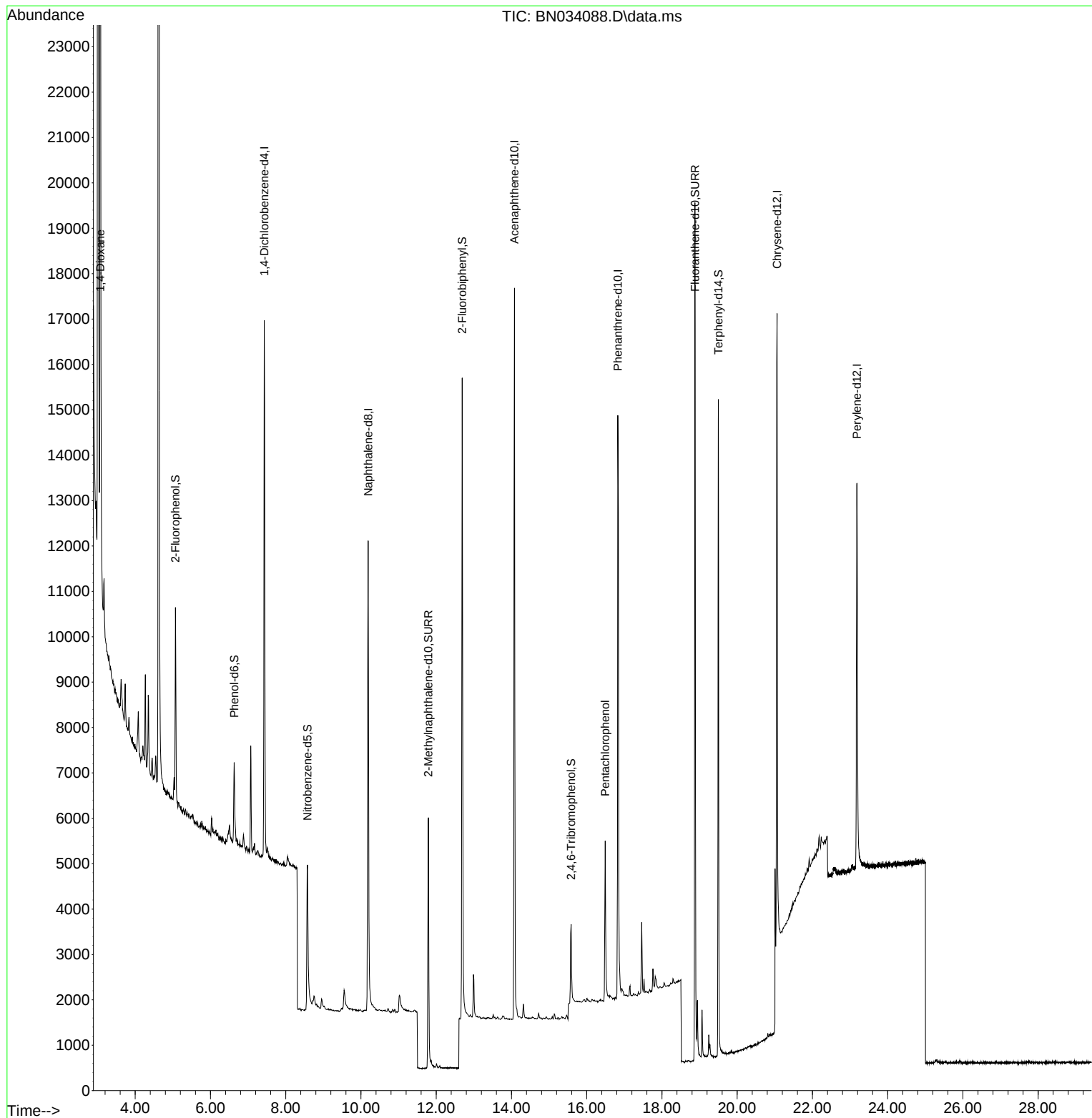
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5485	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15180	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	9163	0.400	ng	0.00
19) Phenanthrene-d10	16.828	188	19611	0.400	ng	#-0.01
29) Chrysene-d12	21.060	240	14571	0.400	ng	# 0.00
35) Perylene-d12	23.184	264	11887	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	3127	0.201	ng	0.00
5) Phenol-d6	6.629	99	1944	0.107	ng	0.00
8) Nitrobenzene-d5	8.579	82	3703	0.319	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	8301	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.586	330	1193	0.287	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	13075	0.351	ng	-0.01
27) Fluoranthene-d10	18.878	212	20761	0.420	ng	0.00
31) Terphenyl-d14	19.501	244	13927	0.479	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.068	88	21924	3.197	ng	# 86
24) Pentachlorophenol	16.493	266	1752	0.429	ng	99

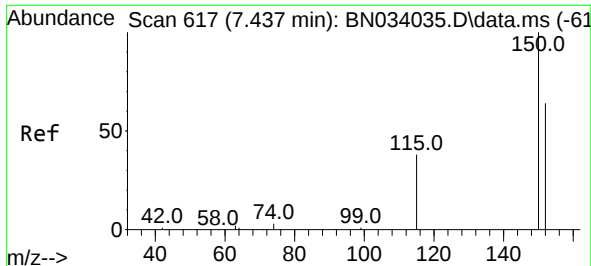
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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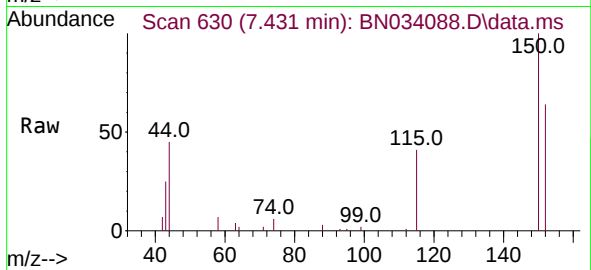
Quant Time: Sep 20 16:55:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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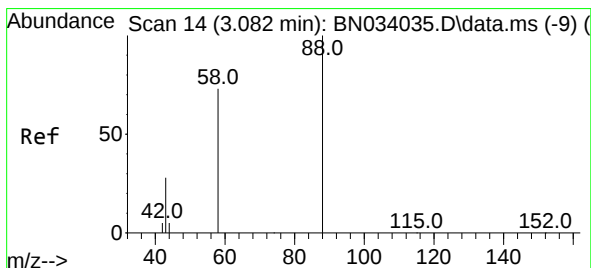
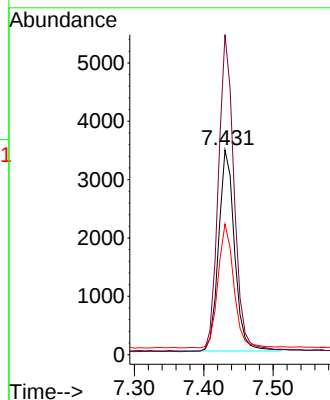
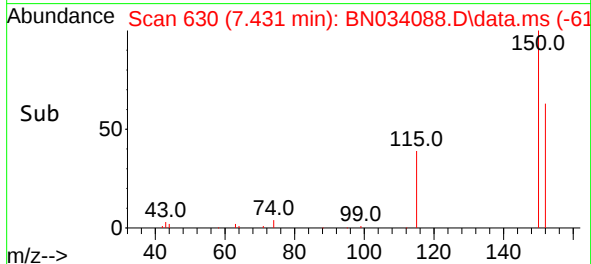


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.431 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BN034088.D
 Acq: 20 Sep 2024 15:41

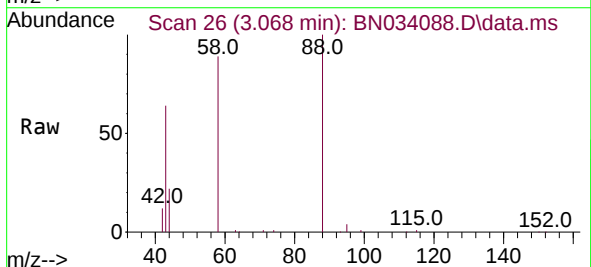
Instrument :
 BNA_N
 ClientSampleId :
 DUPE1-20240911



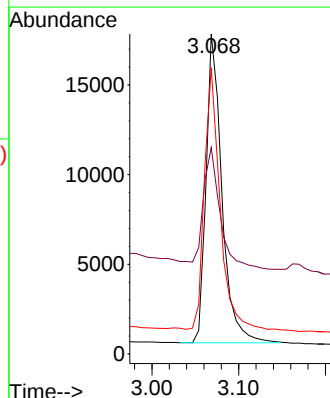
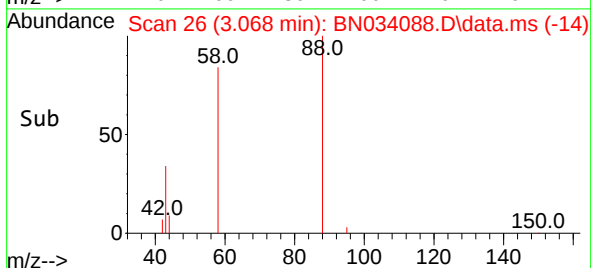
Tgt Ion:152 Resp: 5485
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 187.0
 115 63.8 50.0 75.0

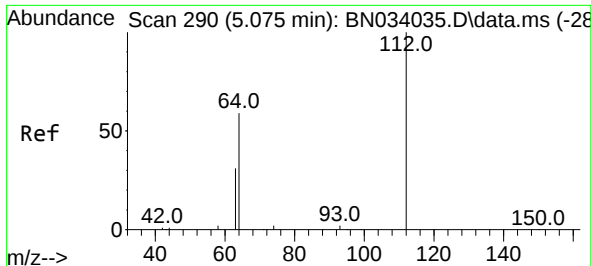


#2
 1,4-Dioxane
 Concen: 3.197 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034088.D
 Acq: 20 Sep 2024 15:41



Tgt Ion: 88 Resp: 21924
 Ion Ratio Lower Upper
 88 100
 43 42.5 25.8 38.8#
 58 83.5 58.8 88.2

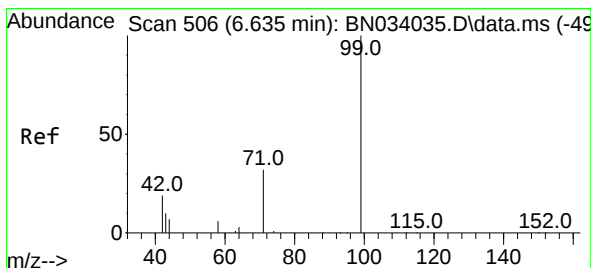
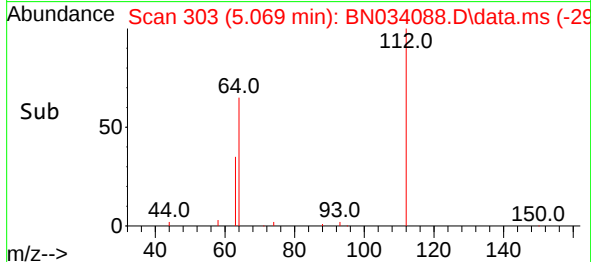
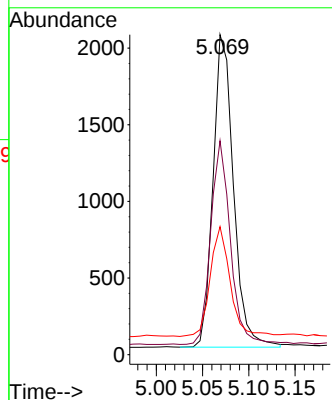
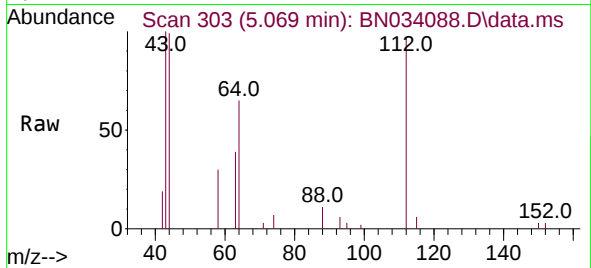




#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

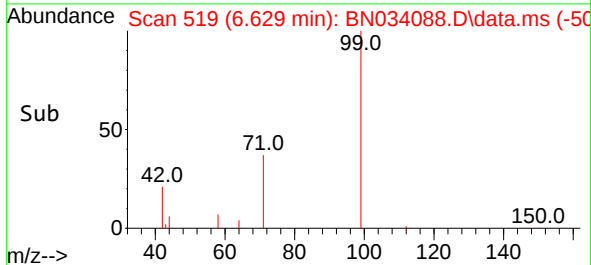
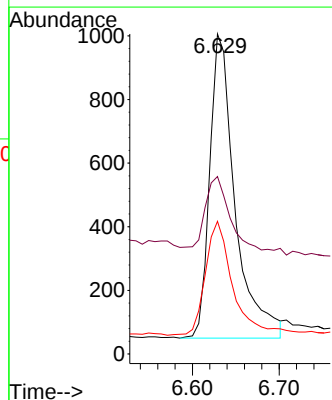
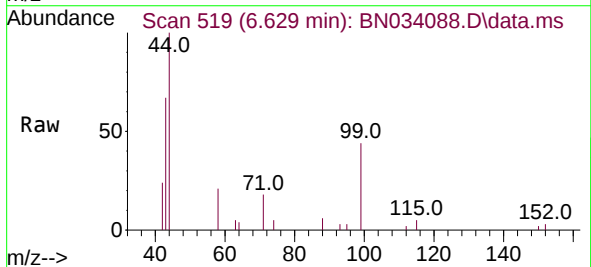
Instrument :
BNA_N
ClientSampleId :
DUPE1-20240911

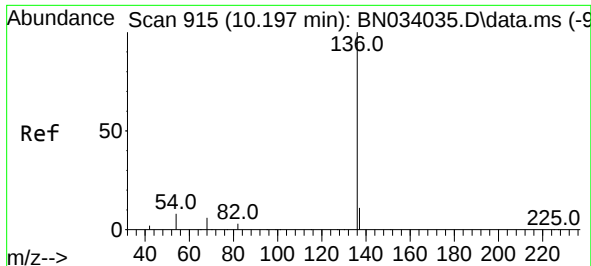
Tgt Ion:	112	Resp:	3127
Ion	Ratio	Lower	Upper
112	100		
64	62.8	48.6	72.8
63	34.4	25.6	38.4



#5
Phenol-d6
Concen: 0.107 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

Tgt Ion:	99	Resp:	1944
Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.8	26.8
71	39.9	26.2	39.2

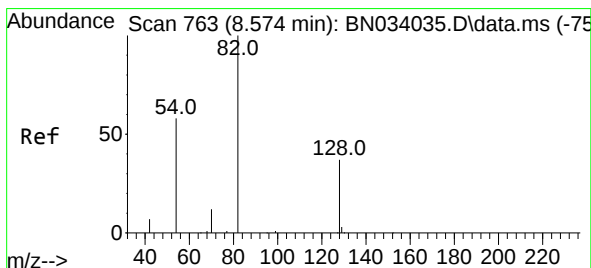
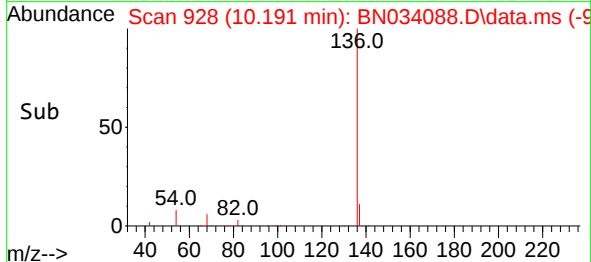
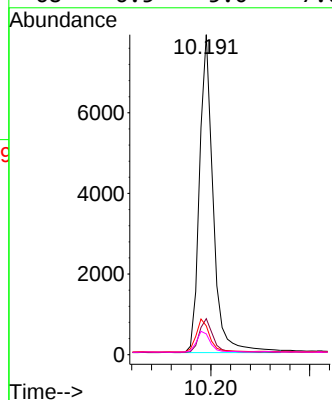
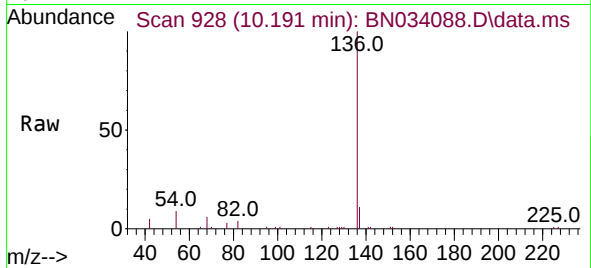




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

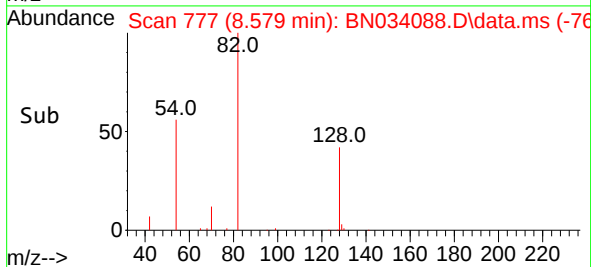
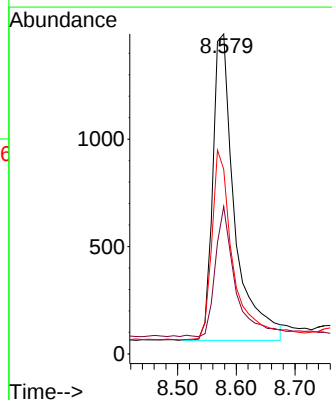
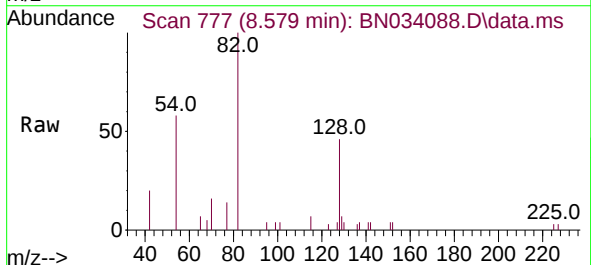
Instrument :
BNA_N
ClientSampleId :
DUPE1-20240911

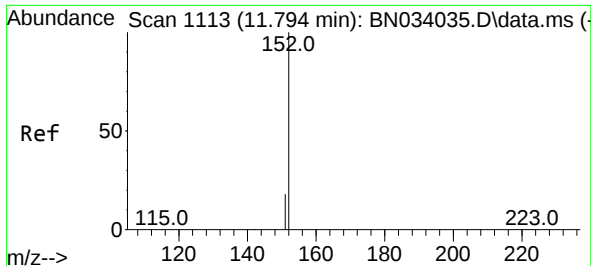
Tgt Ion:136	Resp:	15180
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	9.0	6.8 10.2
68	6.5	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

Tgt Ion: 82	Resp:	3703
Ion Ratio	Lower	Upper
82	100	
128	46.0	31.4 47.2
54	57.7	47.4 71.0

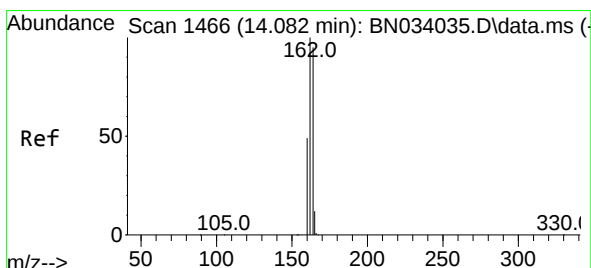
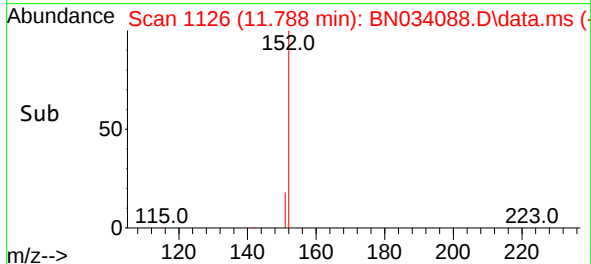
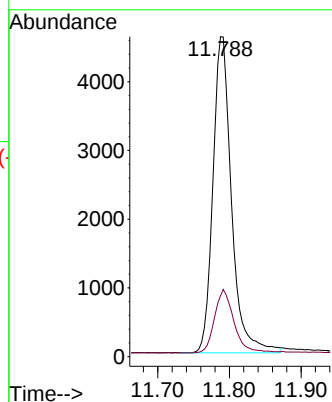
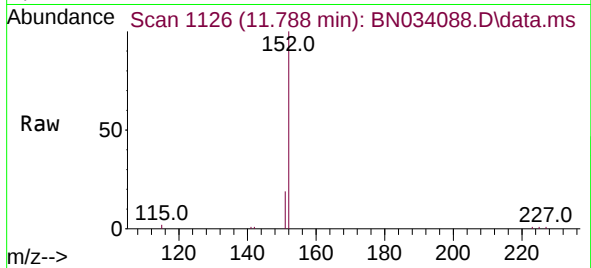




#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 11.788 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

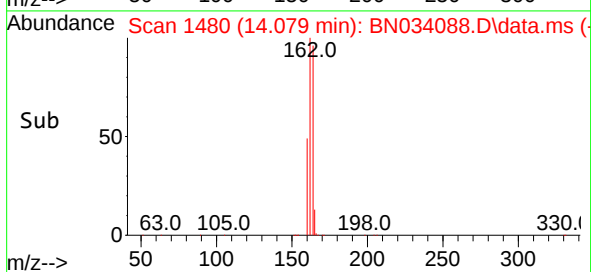
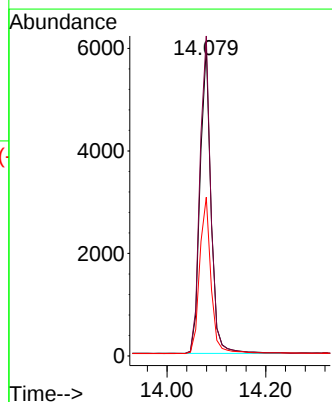
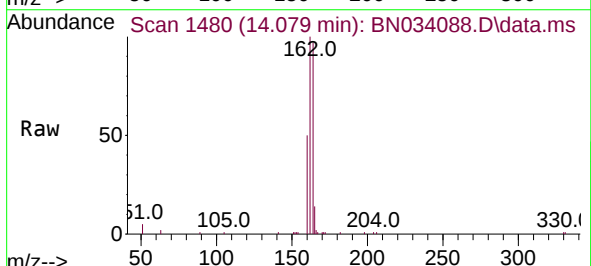
Instrument :
BNA_N
ClientSampleId :
DUPE1-20240911

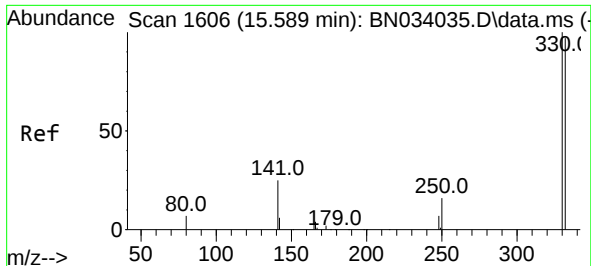
Tgt Ion:152 Resp: 8301
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.079 min Scan# 1480
Delta R.T. -0.002 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

Tgt Ion:164 Resp: 9163
Ion Ratio Lower Upper
164 100
162 103.6 84.2 126.2
160 51.4 41.7 62.5

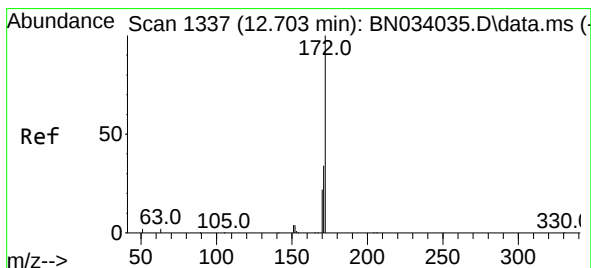
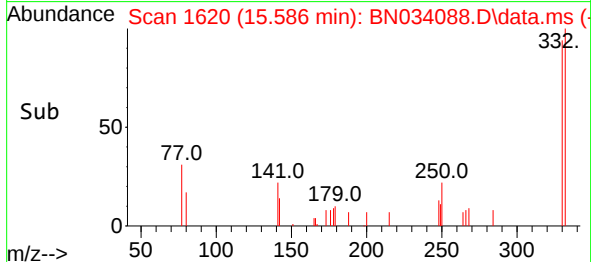
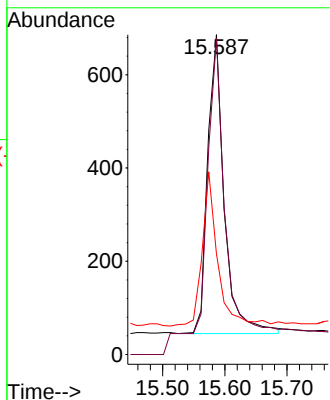
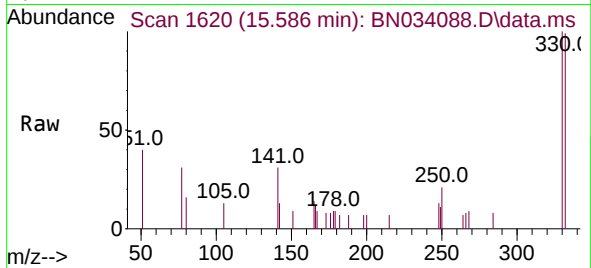




#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.586 min Scan# 1193
Delta R.T. -0.002 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

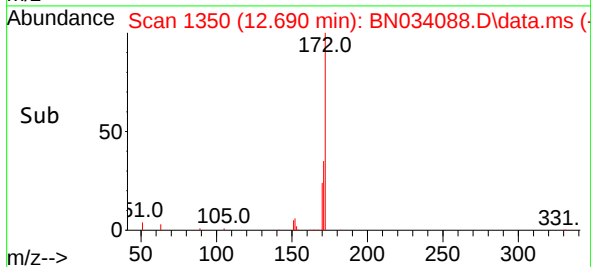
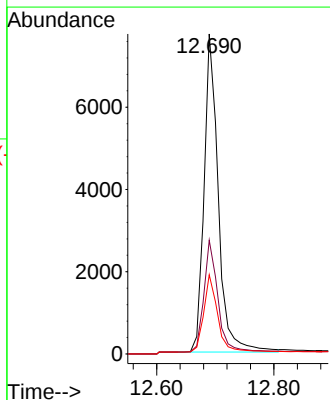
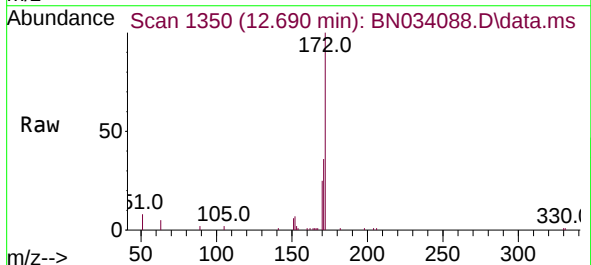
Instrument :
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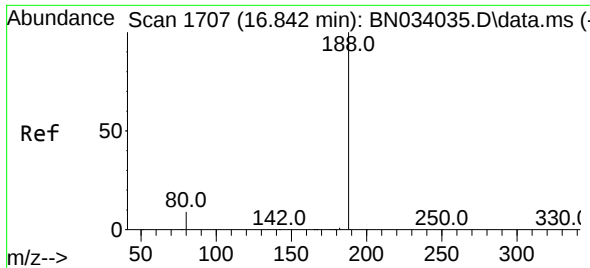
Tgt Ion:330 Resp: 1193
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 48.0 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

Tgt Ion:172 Resp: 13075
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 24.8 18.1 27.1

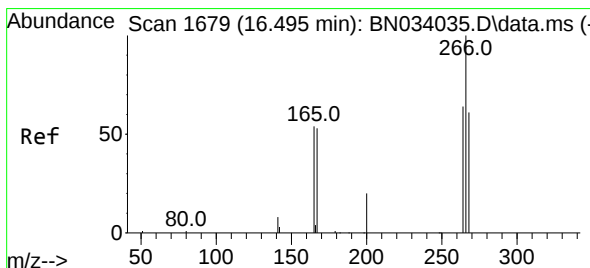
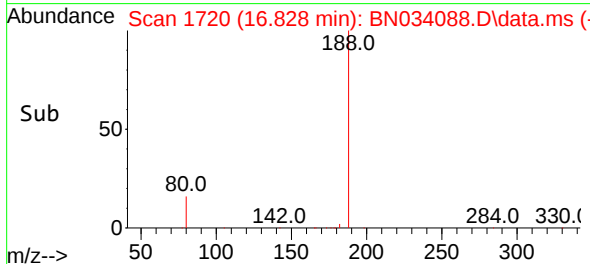
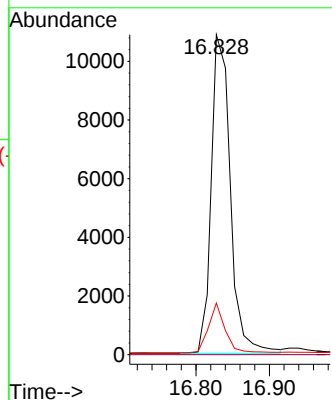
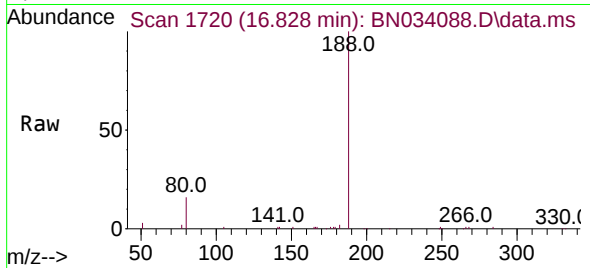




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.828 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

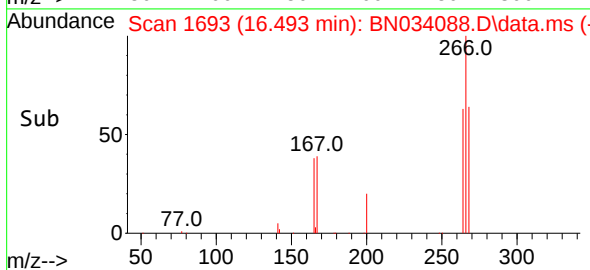
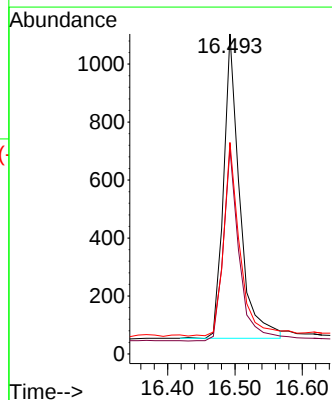
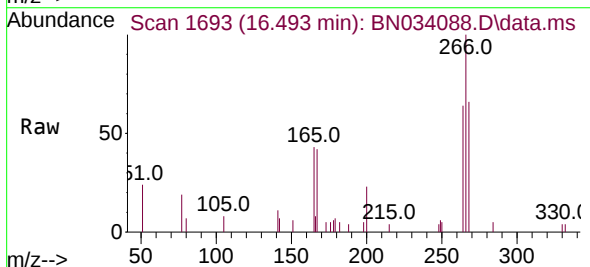
Instrument :
BNA_N
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DUPE1-20240911

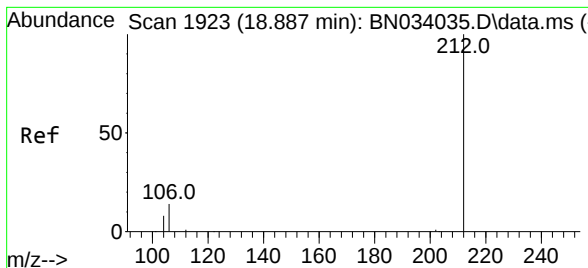
Tgt Ion:188 Resp: 19611
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.2 7.4 11.0#



#24
Pentachlorophenol
Concen: 0.429 ng
RT: 16.493 min Scan# 1693
Delta R.T. -0.002 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

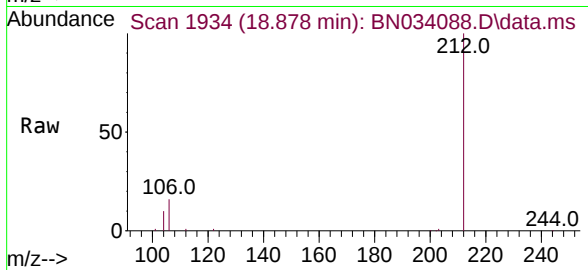
Tgt Ion:266 Resp: 1752
Ion Ratio Lower Upper
266 100
264 62.6 50.2 75.2
268 63.0 51.0 76.4



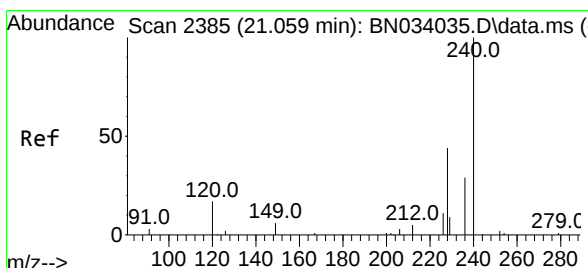
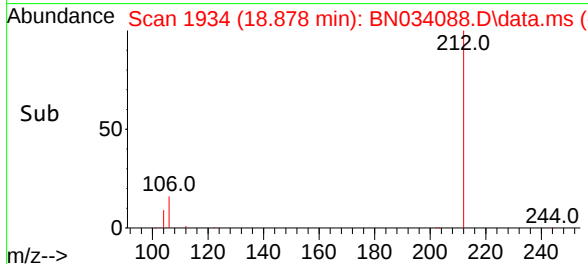
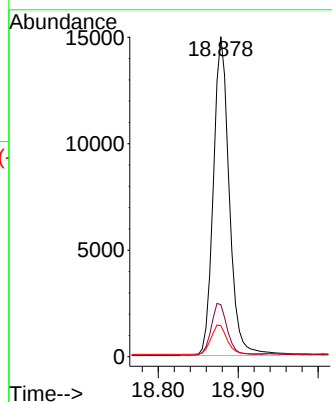


#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 18.878 min Scan# 1923
Delta R.T. -0.008 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

Instrument :
BNA_N
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DUPE1-20240911

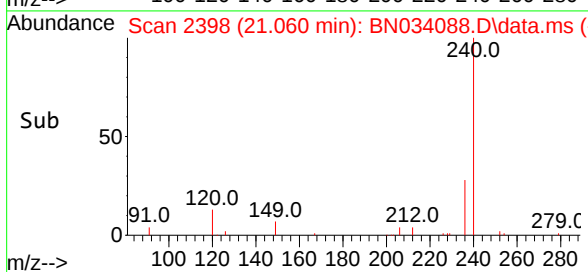
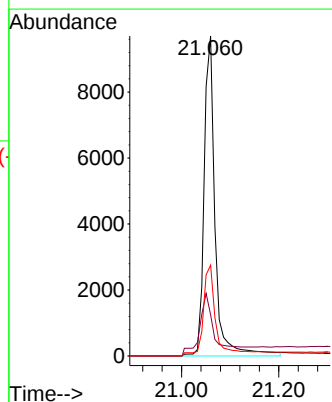
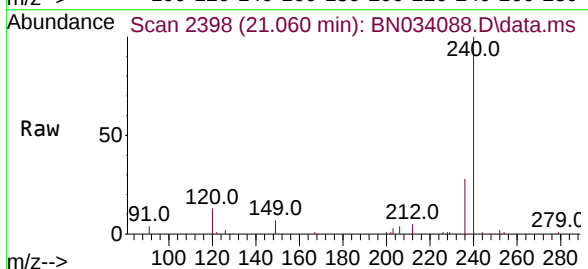


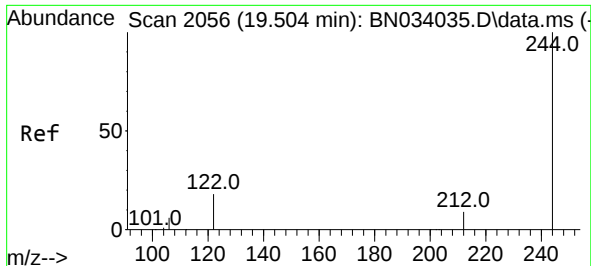
Tgt Ion:212 Resp: 20761
Ion Ratio Lower Upper
212 100
106 16.3 13.4 20.2
104 9.4 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.060 min Scan# 2398
Delta R.T. 0.001 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

Tgt Ion:240 Resp: 14571
Ion Ratio Lower Upper
240 100
120 12.9 13.5 20.3#
236 28.4 23.4 35.0

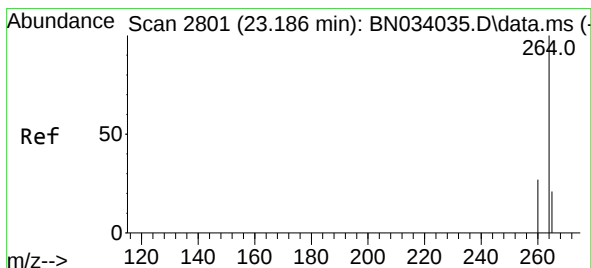
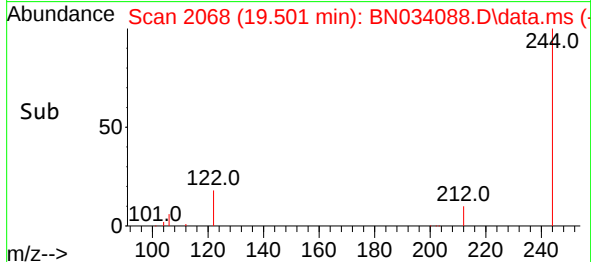
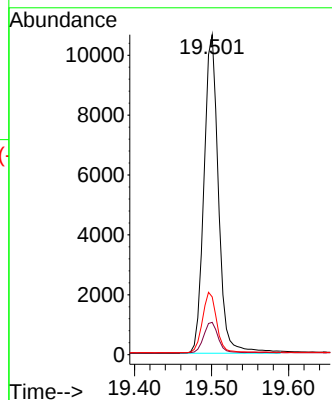
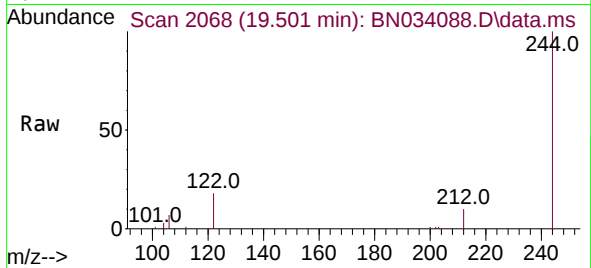




#31
 Terphenyl-d14
 Concen: 0.479 ng
 RT: 19.501 min Scan# 2056
 Delta R.T. -0.004 min
 Lab File: BN034088.D
 Acq: 20 Sep 2024 15:41

Instrument :
 BNA_N
 ClientSampleId :
 DUPE1-20240911

Tgt Ion:244 Resp: 13927
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.8 11.6
 122 18.0 14.8 22.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.184 min Scan# 2815
 Delta R.T. -0.002 min
 Lab File: BN034088.D
 Acq: 20 Sep 2024 15:41

Tgt Ion:264 Resp: 11887
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.7 32.5
 265 71.3 52.1 78.1

