

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
 Data File : BN033817.D
 Acq On : 09 Sep 2024 14:13
 Operator : MA/JU
 Sample : P3874-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-HYD-20240904

Quant Time: Sep 10 03:16:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

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

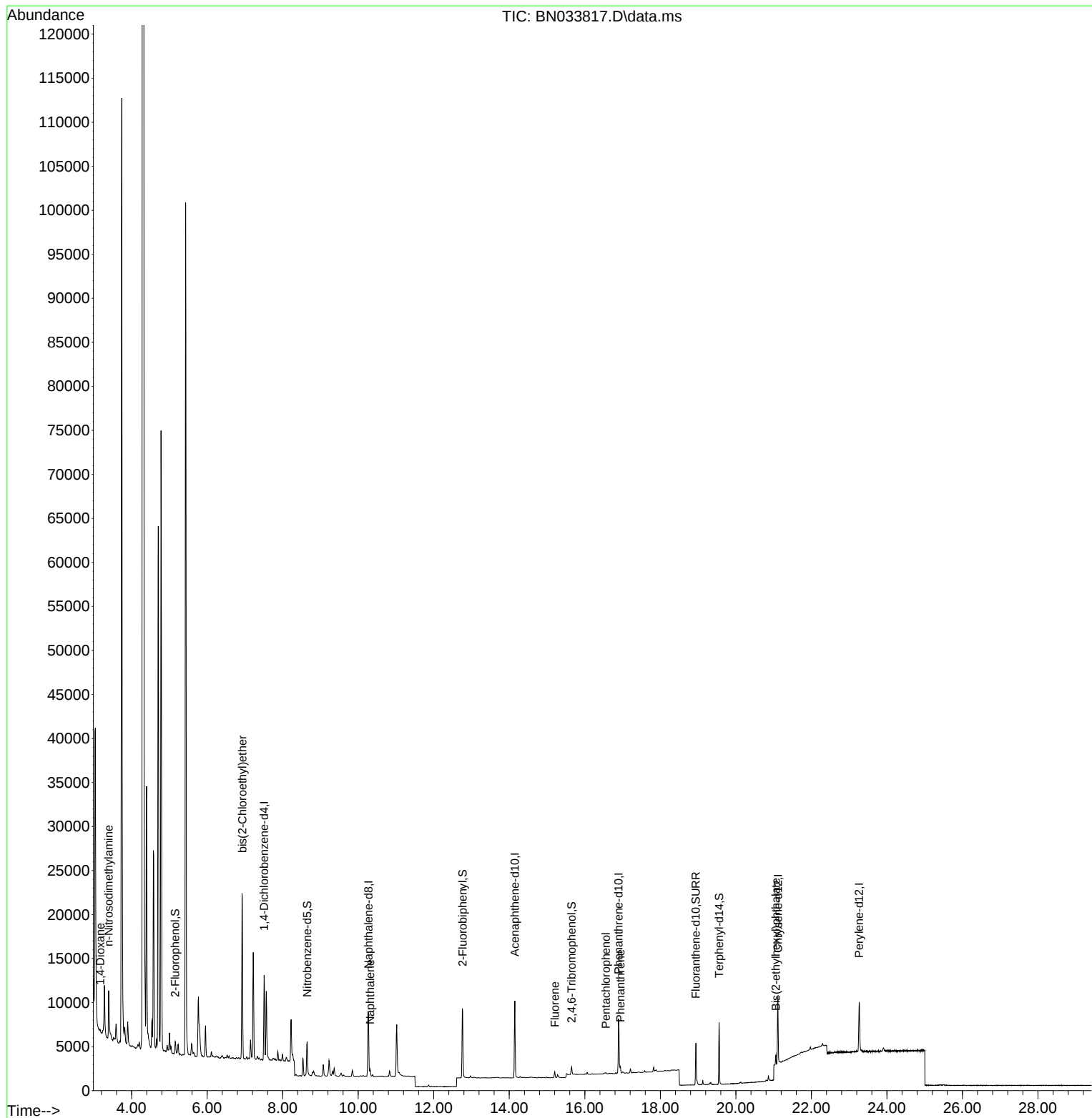
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4157	0.400	ng	0.00
7) Naphthalene-d8	10.272	136	10525	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	4785	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	9332	0.400	ng	#-0.01
29) Chrysene-d12	21.112	240	6984	0.400	ng	0.00
35) Perylene-d12	23.265	264	7214	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	691	0.054	ng	0.00
5) Phenol-d6	6.671	99	9	0.001	ng	-0.04
8) Nitrobenzene-d5	8.649	82	3285	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	11.865	152	247	0.017	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	473	0.196	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	7573	0.380	ng	0.00
27) Fluoranthene-d10	18.942	212	5429	0.236	ng	0.00
31) Terphenyl-d14	19.556	244	6544	0.439	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.168	88	105	0.022	ng	# 1
3) n-Nitrosodimethylamine	3.392	42	1791	0.323	ng	# 1
6) bis(2-Chloroethyl)ether	6.931	93	11342	0.998	ng	# 41
9) Naphthalene	10.314	128	965	0.034	ng	# 81
18) Fluorene	15.204	166	449	0.026	ng	98
24) Pentachlorophenol	16.557	266	57	0.022	ng	# 39
25) Phenanthrene	16.942	178	771	0.030	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.059	149	1013	0.075	ng	# 99

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

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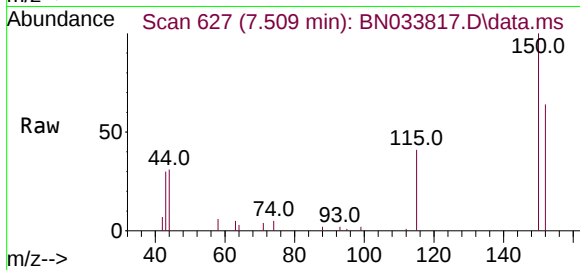
Quant Time: Sep 10 03:16:14 2024
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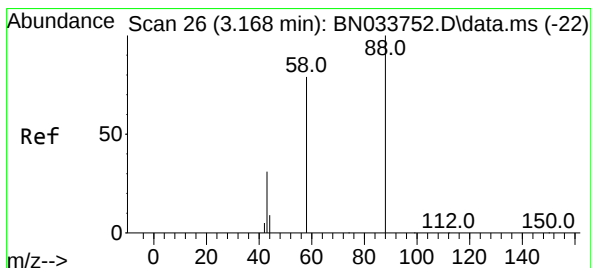
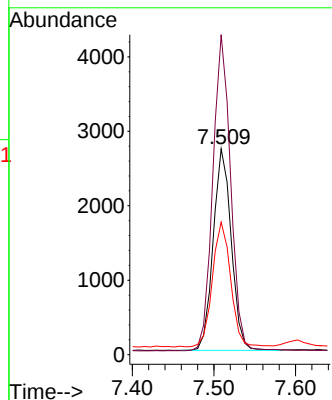
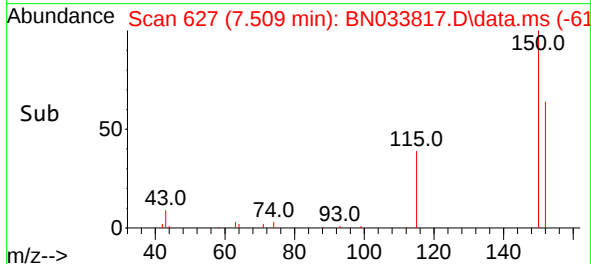


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.509 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033817.D
 Acq: 09 Sep 2024 14:13

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-HYD-20240904

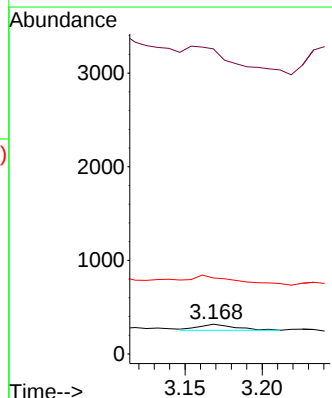
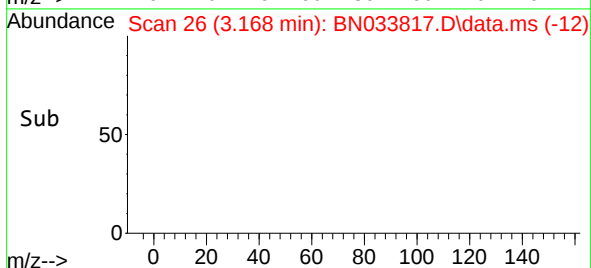
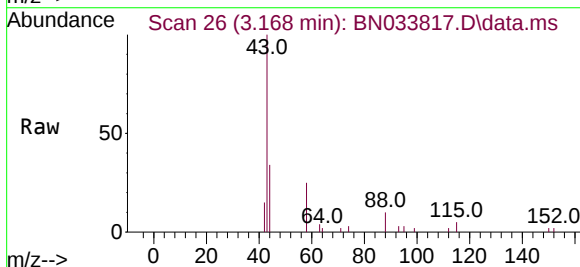


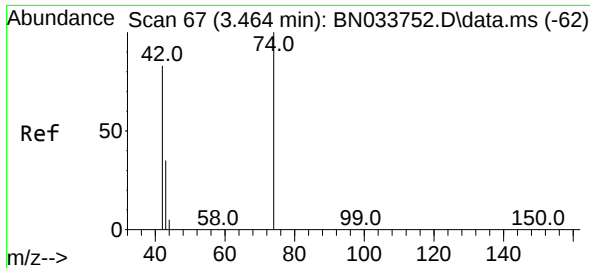
Tgt Ion:152 Resp: 4157
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.3 184.9
 115 64.4 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.168 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN033817.D
 Acq: 09 Sep 2024 14:13

Tgt Ion: 88 Resp: 105
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.0 43.4#
 58 190.5 64.1 96.1#

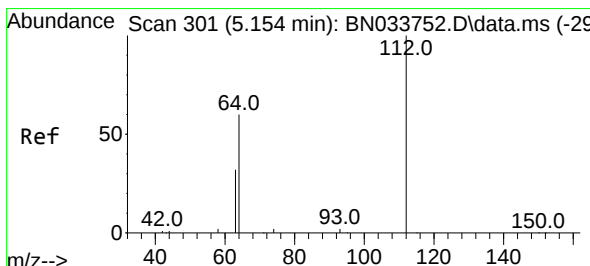
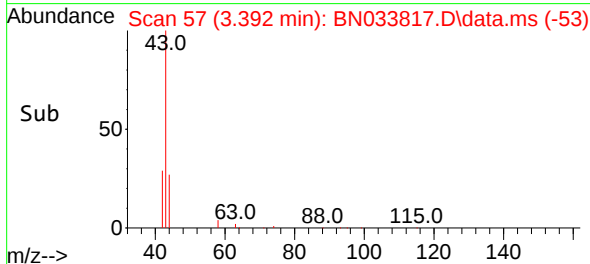
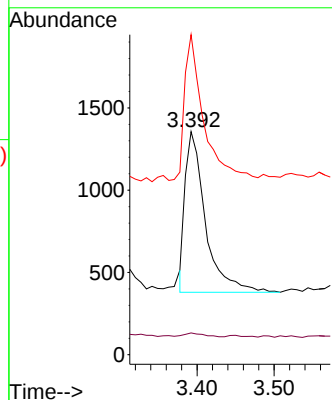
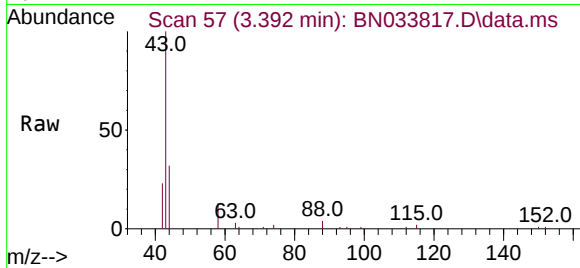




#3
n-Nitrosodimethylamine
Concen: 0.323 ng
RT: 3.392 min Scan# 51
Delta R.T. -0.072 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

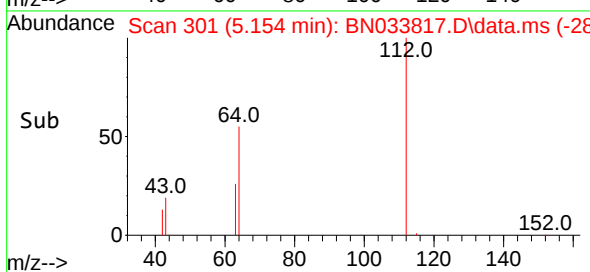
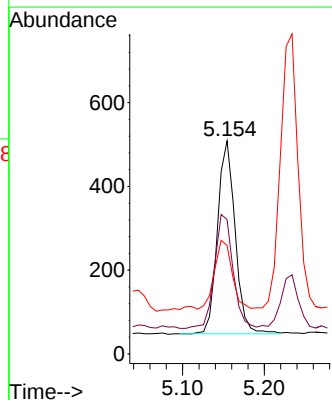
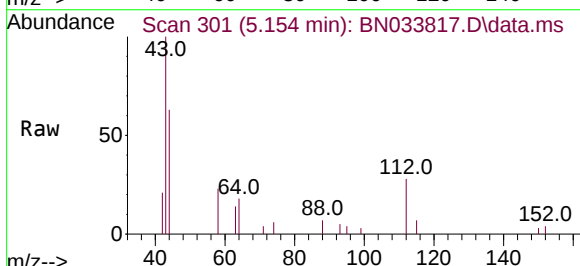
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Tgt Ion: 42 Resp: 1791
Ion Ratio Lower Upper
42 100
74 2.0 93.5 140.3#
44 78.4 7.4 11.0#



#4
2-Fluorophenol
Concen: 0.054 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion: 112 Resp: 691
Ion Ratio Lower Upper
112 100
64 62.1 47.6 71.4
63 37.8 25.9 38.9

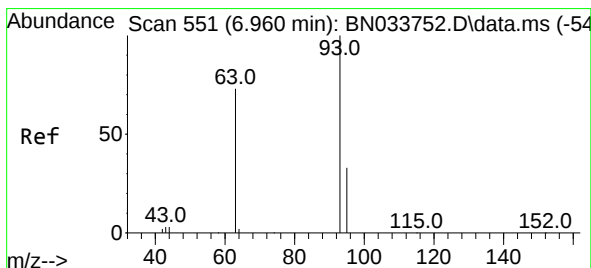
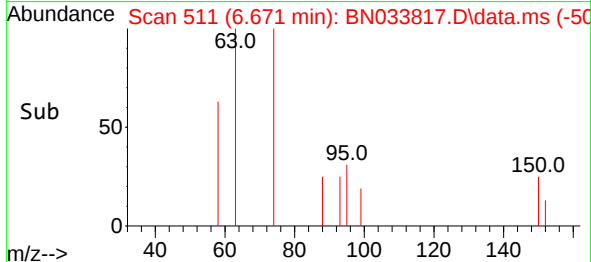
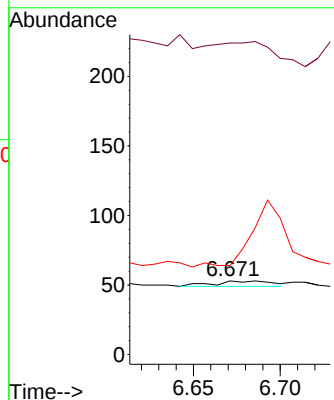
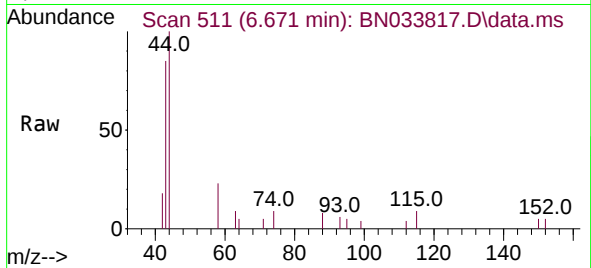




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.671 min Scan# 516
Delta R.T. -0.036 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

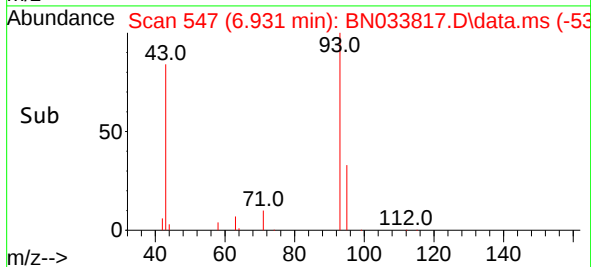
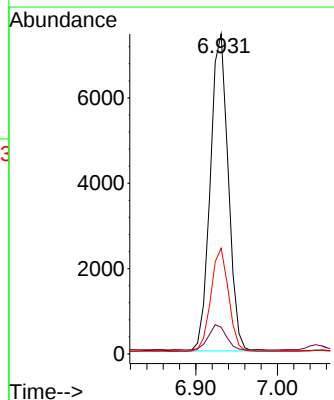
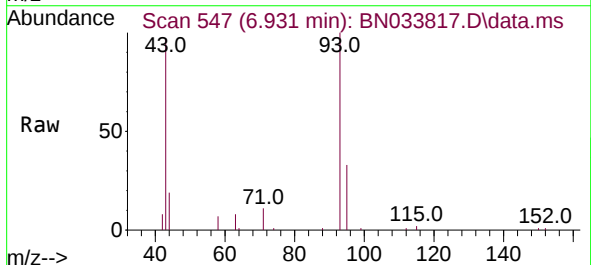
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Tgt Ion: 99 Resp: 9
Ion Ratio Lower Upper
99 100
42 0.0 18.0 27.0#
71 0.0 28.7 43.1#



#6
bis(2-Chloroethyl)ether
Concen: 0.998 ng
RT: 6.931 min Scan# 547
Delta R.T. -0.029 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion: 93 Resp: 11342
Ion Ratio Lower Upper
93 100
63 7.9 64.4 96.6#
95 32.3 26.5 39.7

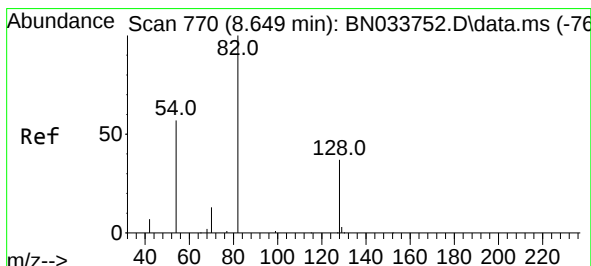
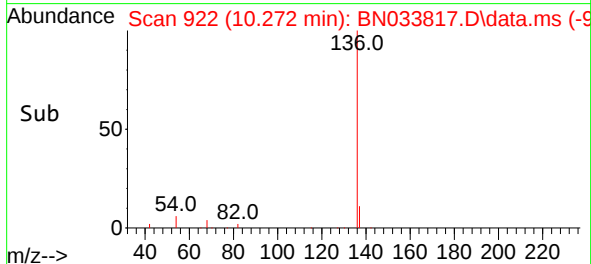
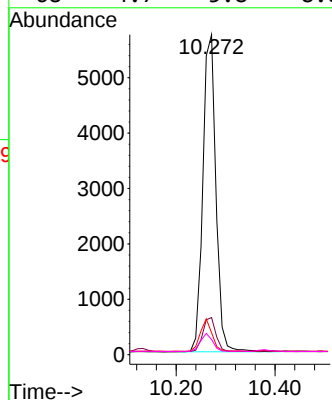
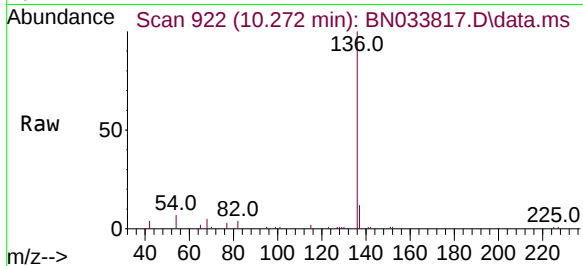




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.272 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

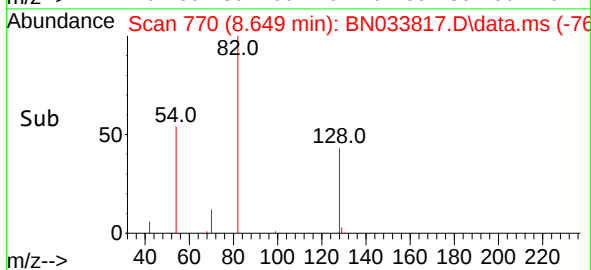
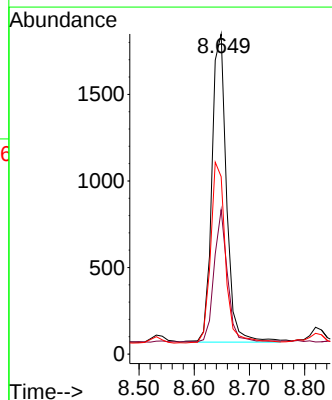
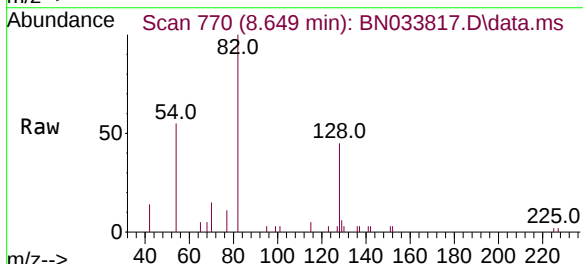
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Tgt Ion:	136	Resp:	10525
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.4
54	6.8	8.1	12.1#
68	4.7	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.649 min Scan# 770
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:	82	Resp:	3285
Ion Ratio	Lower	Upper	
82	100		
128	45.1	31.3	46.9
54	55.4	46.9	70.3

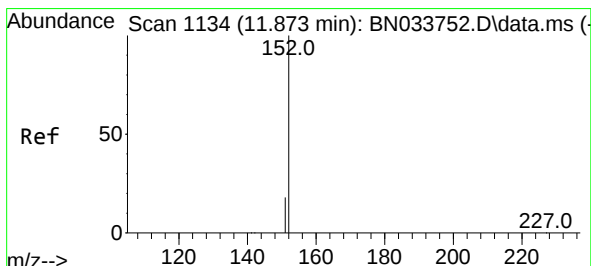
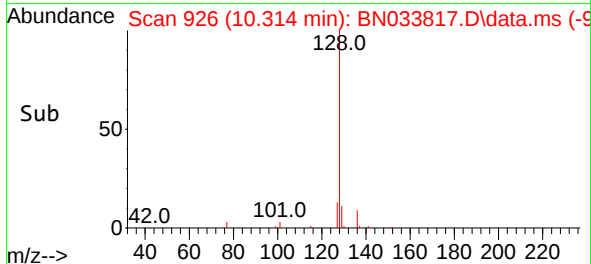
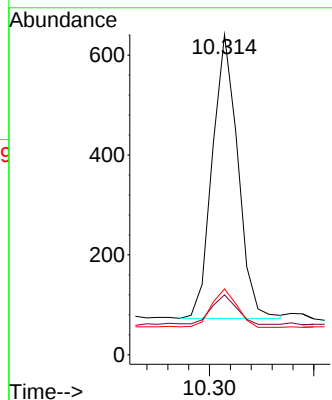
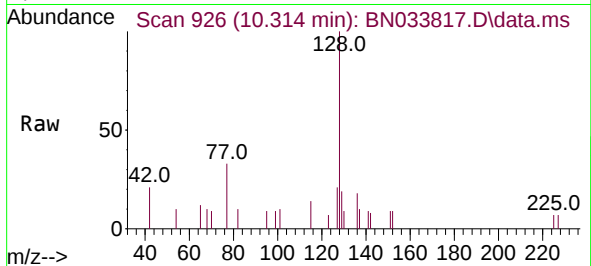




#9
Naphthalene
Concen: 0.034 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

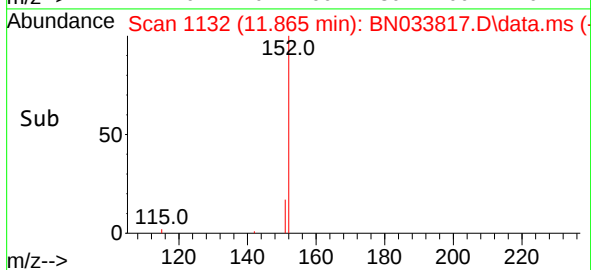
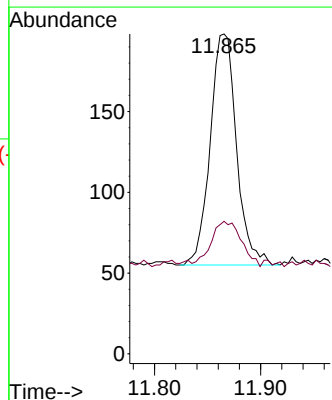
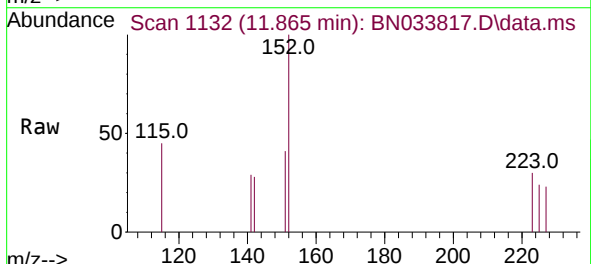
Instrument :
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ClientSampleId :
BPOW6-8-HYD-20240904

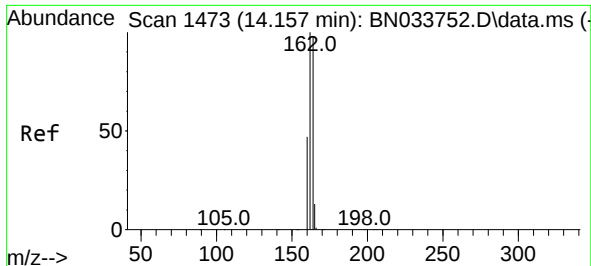
Tgt Ion:	128	Resp:	965
Ion	Ratio	Lower	Upper
128	100		
129	18.7	8.9	13.3#
127	20.6	10.8	16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.017 ng
RT: 11.865 min Scan# 1132
Delta R.T. -0.008 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:	152	Resp:	247
Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.7	25.1

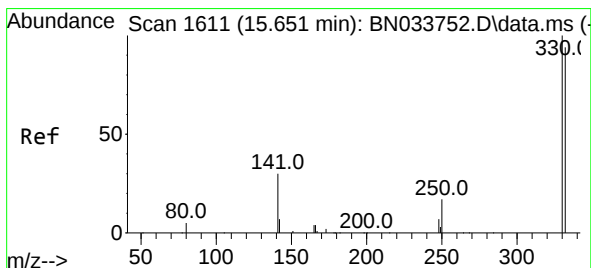
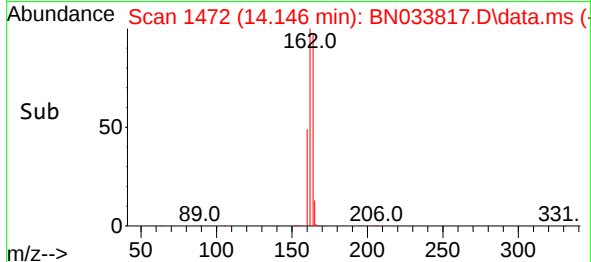
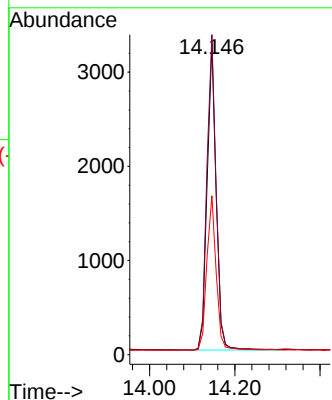
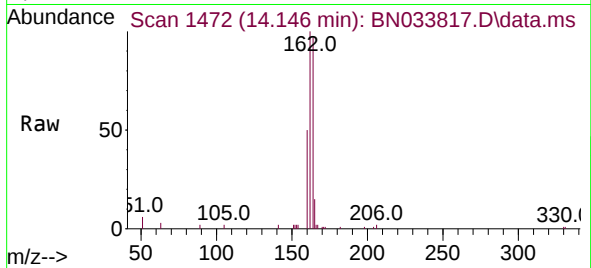




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

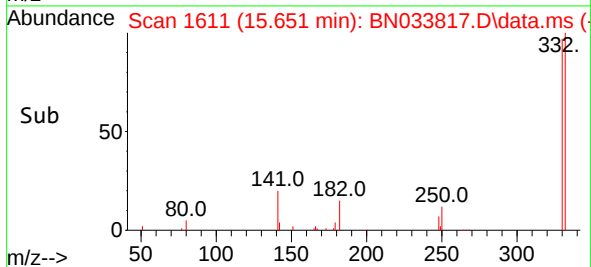
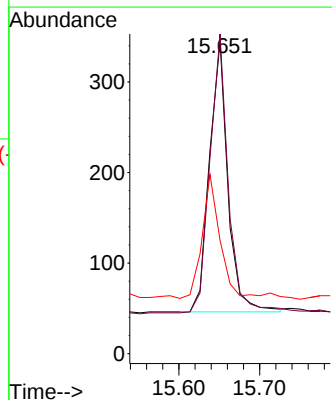
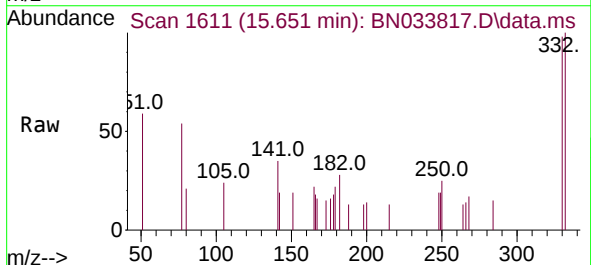
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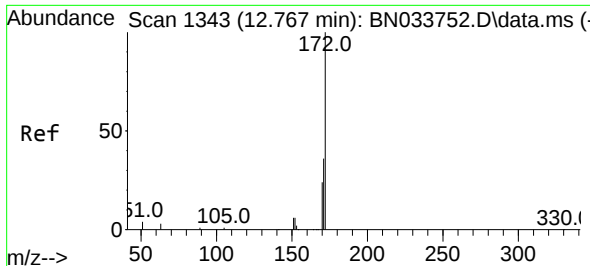
Tgt Ion:164 Resp: 4785
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 51.0 39.1 58.7



#14
2,4,6-Tribromophenol
Concen: 0.196 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:330 Resp: 473
Ion Ratio Lower Upper
330 100
332 103.6 74.2 111.4
141 43.1 33.9 50.9

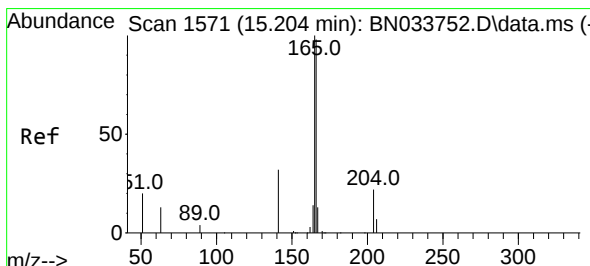
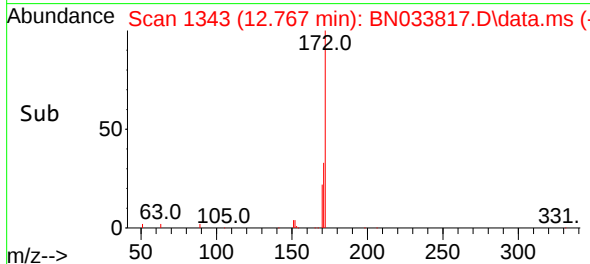
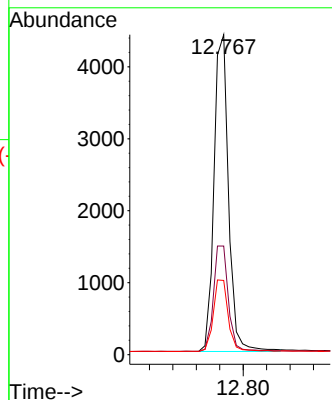
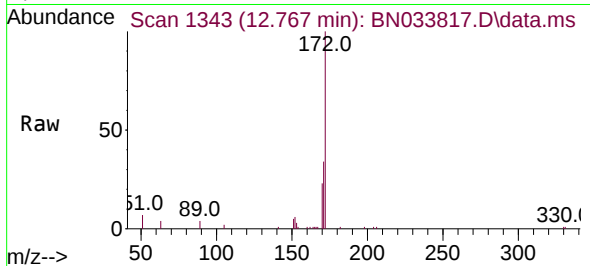




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.767 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

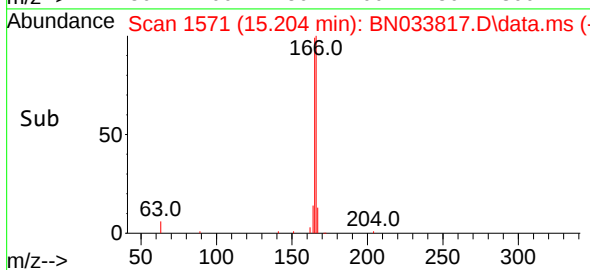
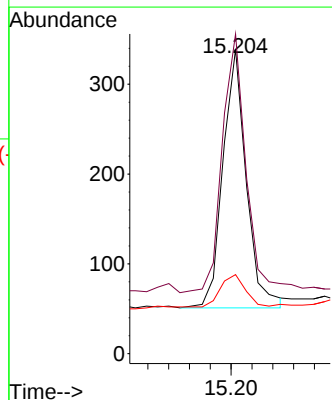
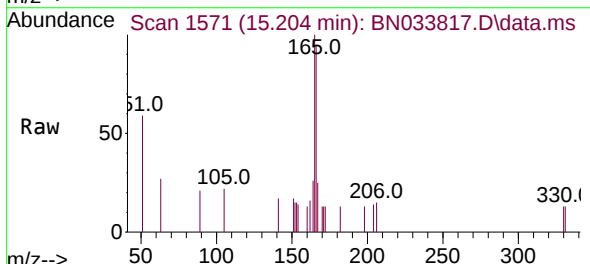
Instrument :
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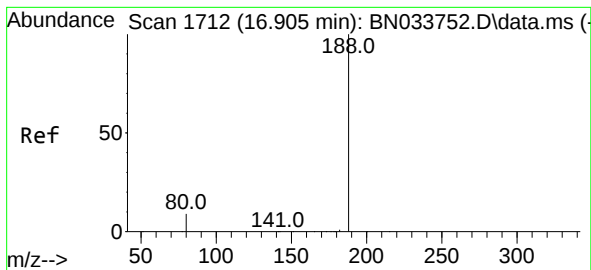
Tgt Ion:	172	Resp:	7573
Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.8	43.2
170	23.2	19.7	29.5



#18
Fluorene
Concen: 0.026 ng
RT: 15.204 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:	166	Resp:	449
Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.8	118.2
167	13.4	10.6	16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.892 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN033817.D

Acq: 09 Sep 2024 14:13

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-HYD-20240904

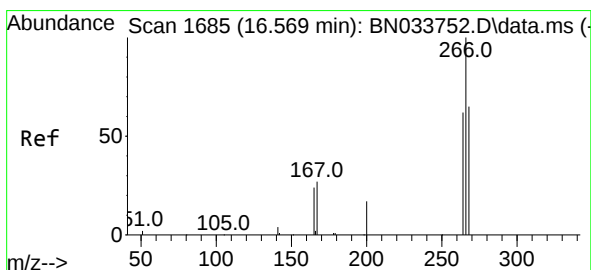
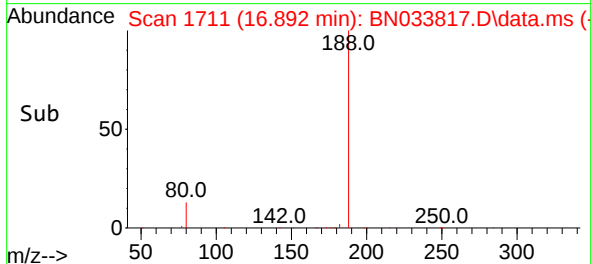
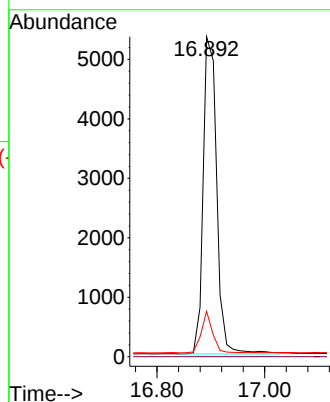
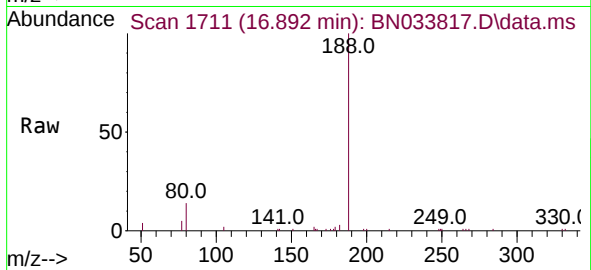
Tgt Ion:188 Resp: 9332

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.2 7.9 11.9#



#24

Pentachlorophenol

Concen: 0.022 ng

RT: 16.557 min Scan# 1684

Delta R.T. -0.012 min

Lab File: BN033817.D

Acq: 09 Sep 2024 14:13

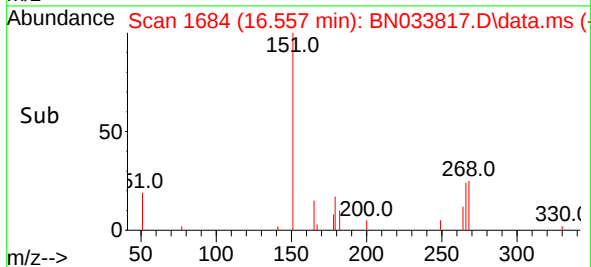
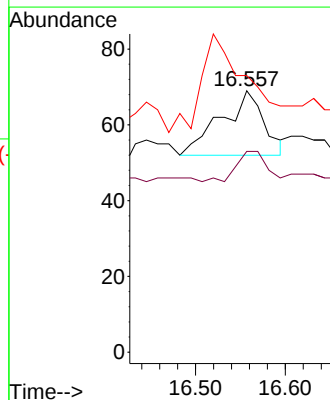
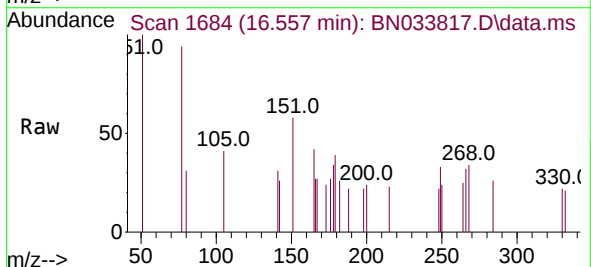
Tgt Ion:266 Resp: 57

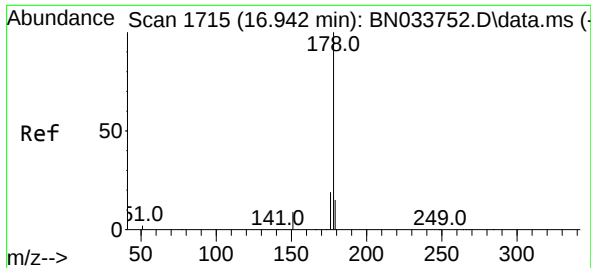
Ion Ratio Lower Upper

266 100

264 33.3 49.6 74.4#

268 0.0 52.2 78.4#

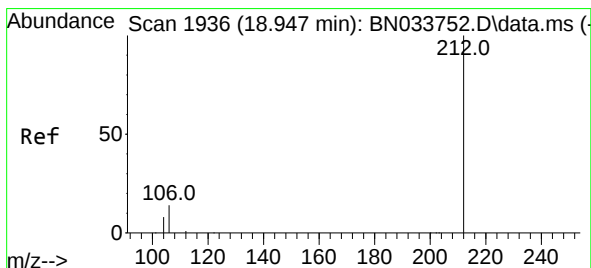
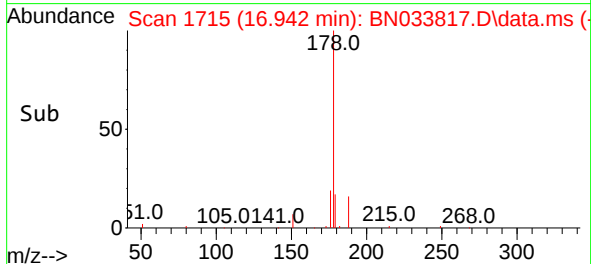
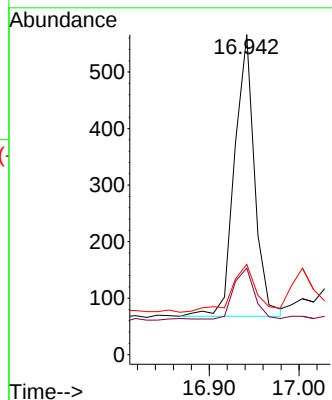
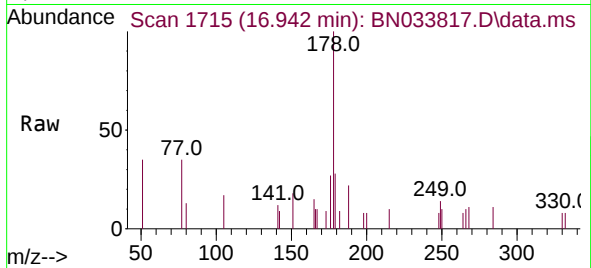




#25
Phenanthrene
Concen: 0.030 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

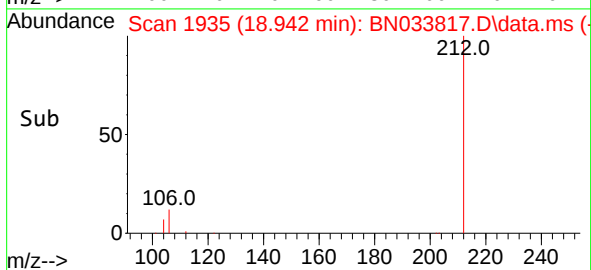
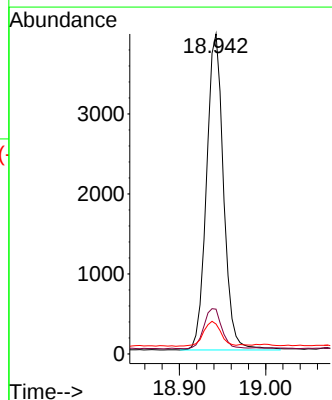
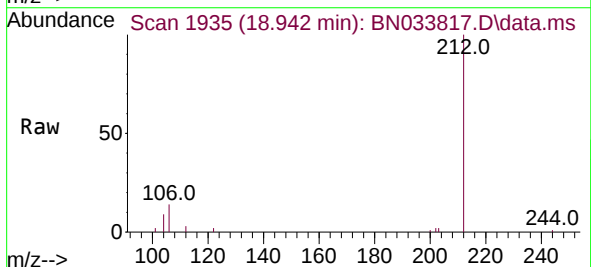
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

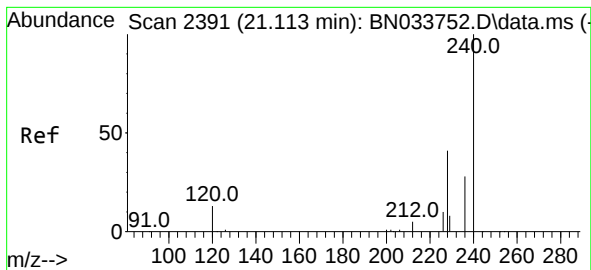
Tgt Ion:178 Resp: 771
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 21.1 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.236 ng
RT: 18.942 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:212 Resp: 5429
Ion Ratio Lower Upper
212 100
106 13.3 11.5 17.3
104 8.1 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.112 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033817.D

Acq: 09 Sep 2024 14:13

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-HYD-20240904

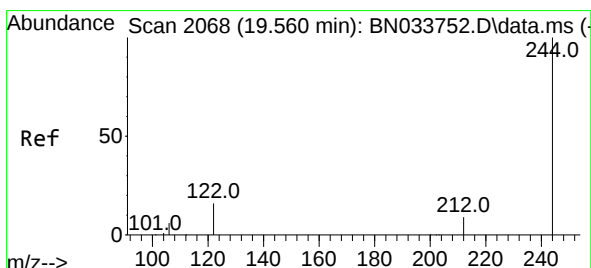
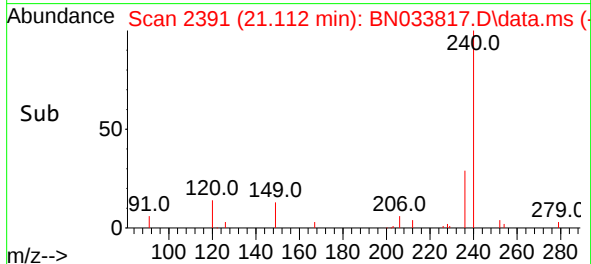
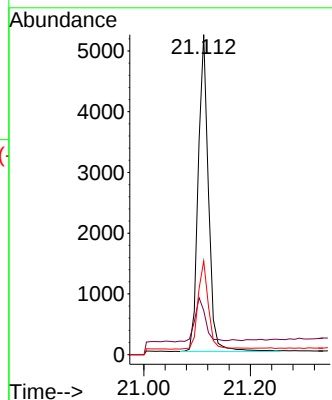
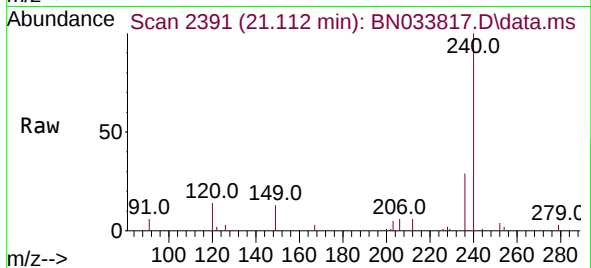
Tgt Ion:240 Resp: 6984

Ion Ratio Lower Upper

240 100

120 13.8 13.7 20.5

236 29.3 23.4 35.2



#31

Terphenyl-d14

Concen: 0.439 ng

RT: 19.556 min Scan# 2067

Delta R.T. -0.005 min

Lab File: BN033817.D

Acq: 09 Sep 2024 14:13

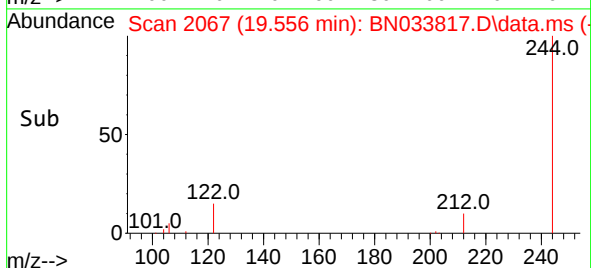
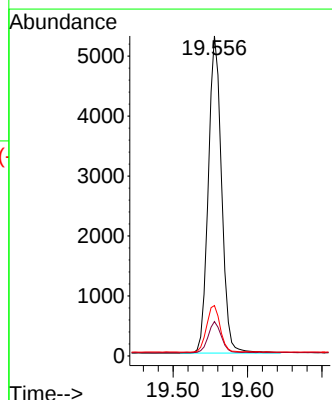
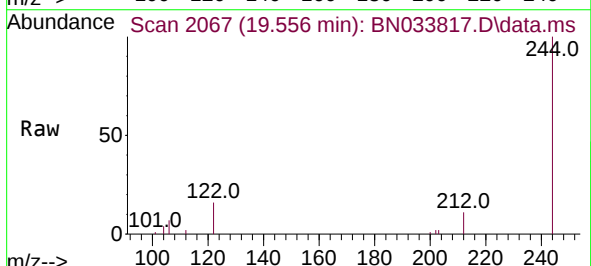
Tgt Ion:244 Resp: 6544

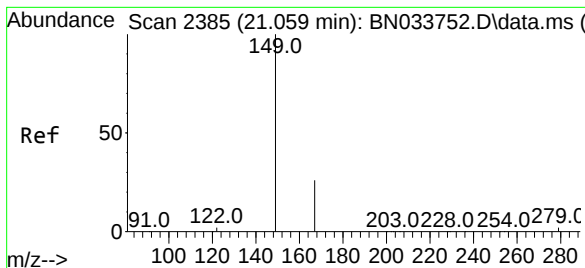
Ion Ratio Lower Upper

244 100

212 10.8 7.9 11.9

122 15.8 13.2 19.8





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.075 ng

RT: 21.059 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033817.D

Acq: 09 Sep 2024 14:13

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-HYD-20240904

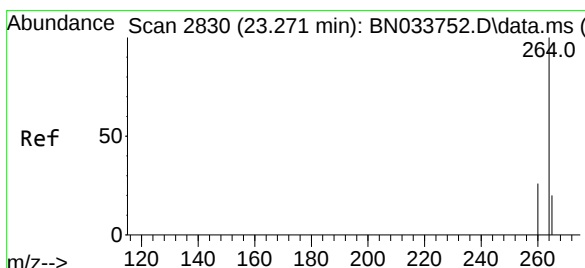
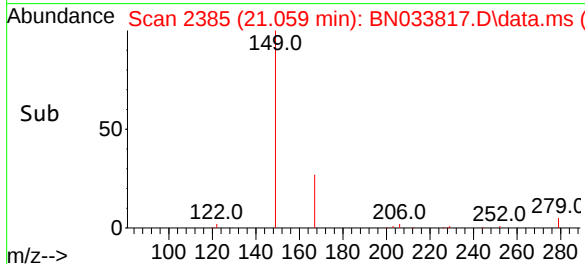
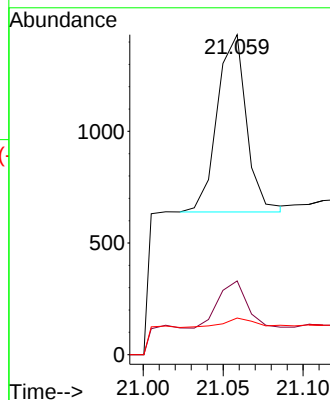
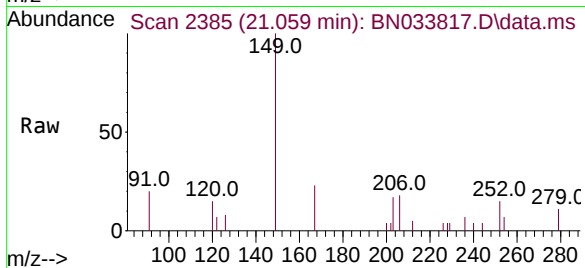
Tgt Ion:149 Resp: 1013

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

279 6.3 2.4 3.6#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.265 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BN033817.D

Acq: 09 Sep 2024 14:13

Tgt Ion:264 Resp: 7214

Ion Ratio Lower Upper

264 100

260 26.7 21.1 31.7

265 90.4 72.0 108.0

