

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033319.D
 Acq On : 09 Aug 2024 15:22
 Operator : MA/JU
 Sample : P3515-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-7-HYD-20240806RE

Quant Time: Aug 09 15:56:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 04:39:01 2024
 Response via : Initial Calibration

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

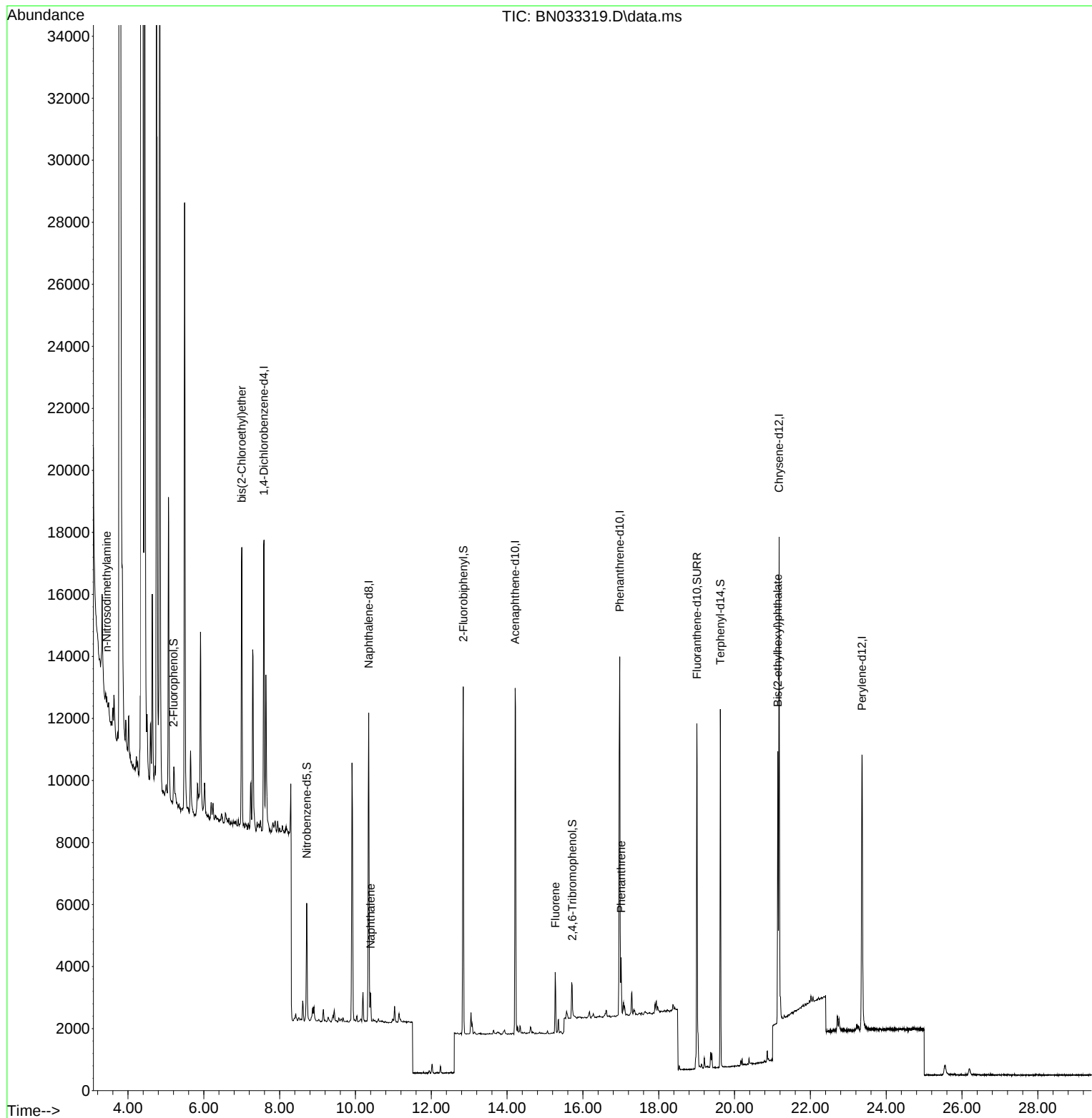
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	4542	0.400	ng	0.00
7) Naphthalene-d8	10.348	136	12275	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	6616	0.400	ng	0.00
19) Phenanthrene-d10	16.970	188	15748	0.400	ng	# 0.00
29) Chrysene-d12	21.174	240	13503	0.400	ng	# 0.00
35) Perylene-d12	23.361	264	12099	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.204	112	747	0.062	ng	0.00
5) Phenol-d6	6.749	99	23	0.001	ng	0.00
8) Nitrobenzene-d5	8.715	82	2801	0.374	ng	0.00
11) 2-Methylnaphthalene-d10	11.947	152	123	0.006	ng	0.00
14) 2,4,6-Tribromophenol	15.717	330	681	0.254	ng	0.00
15) 2-Fluorobiphenyl	12.844	172	9606	0.385	ng	0.00
27) Fluoranthene-d10	19.007	212	11669	0.269	ng	0.00
31) Terphenyl-d14	19.624	244	10279	0.441	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.441	42	620	0.097	ng	# 2
6) bis(2-Chloroethyl)ether	7.002	93	5376	0.385	ng	# 41
9) Naphthalene	10.402	128	1265	0.037	ng	# 86
18) Fluorene	15.271	166	1089	0.040	ng	100
25) Phenanthrene	17.008	178	1740	0.038	ng	99
34) Bis(2-ethylhexyl)phtha...	21.139	149	7853	0.289	ng	98

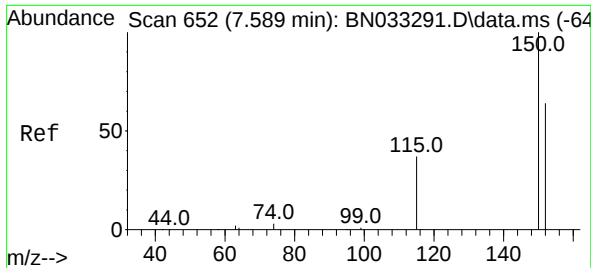
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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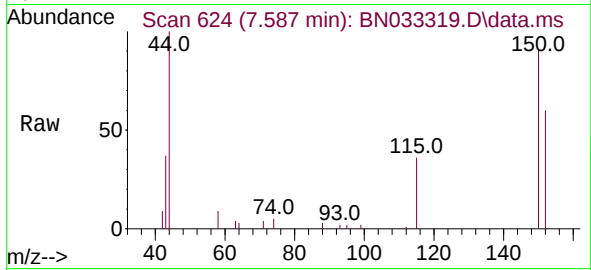
Quant Time: Aug 09 15:56:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
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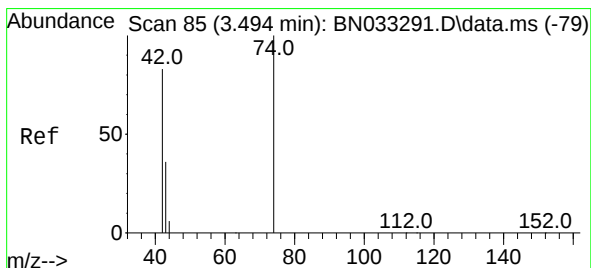
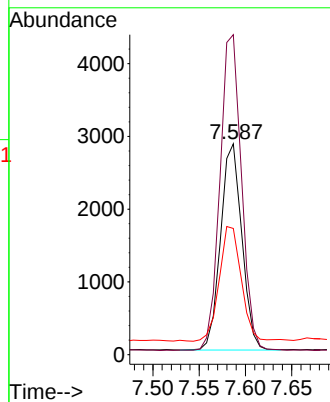
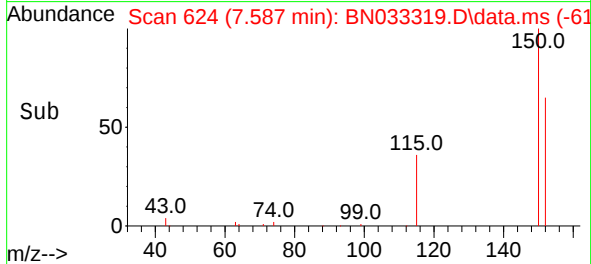


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.587 min Scan# 61
Delta R.T. -0.002 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240806RE

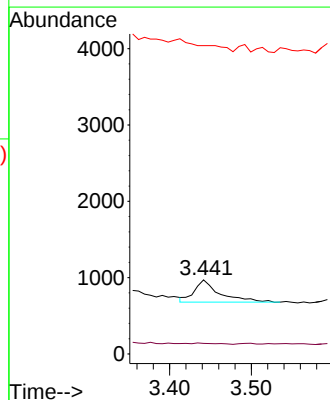
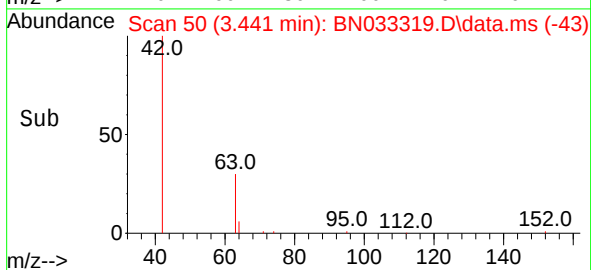
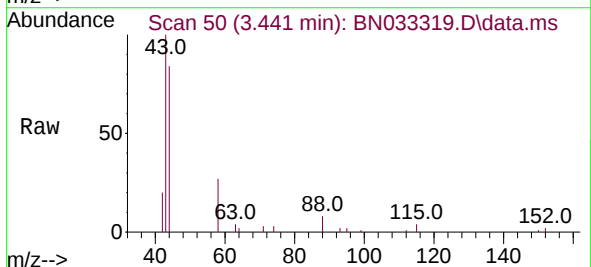


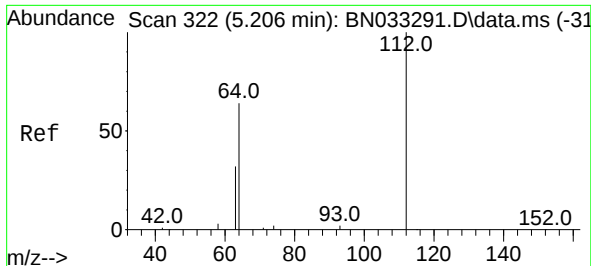
Tgt Ion:152 Resp: 4542
Ion Ratio Lower Upper
152 100
150 151.7 120.7 181.1
115 59.8 55.8 83.8



#3
n-Nitrosodimethylamine
Concen: 0.097 ng
RT: 3.441 min Scan# 50
Delta R.T. -0.053 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

Tgt Ion: 42 Resp: 620
Ion Ratio Lower Upper
42 100
74 4.5 94.9 142.3#
44 0.0 7.0 10.4#

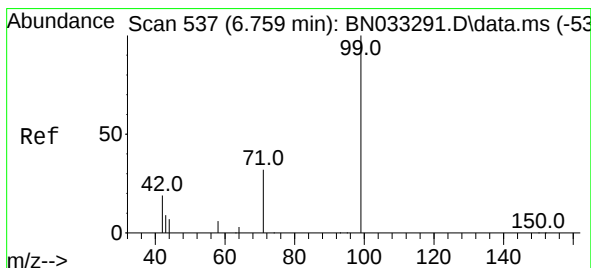
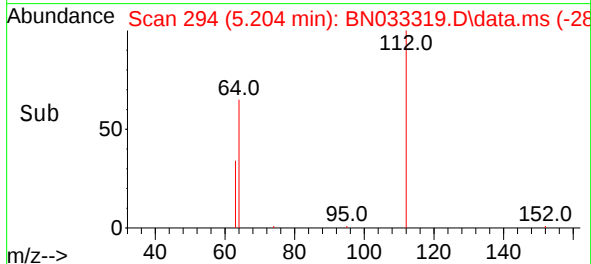
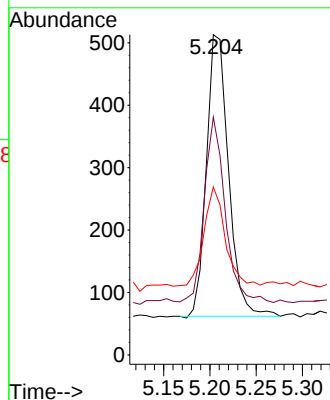
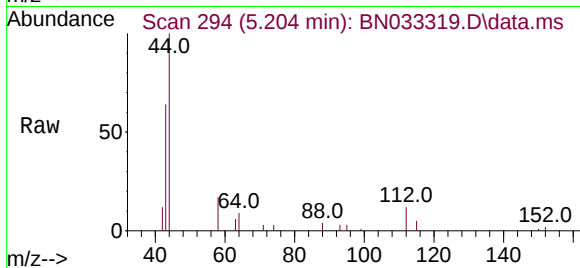




#4
2-Fluorophenol
Concen: 0.062 ng
RT: 5.204 min Scan# 20
Delta R.T. -0.002 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

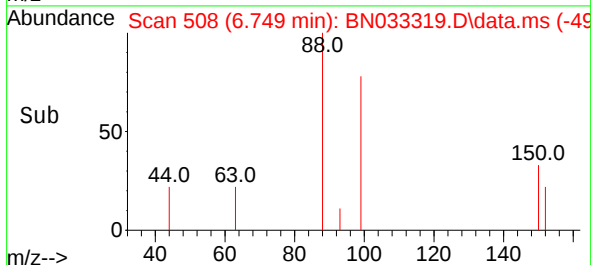
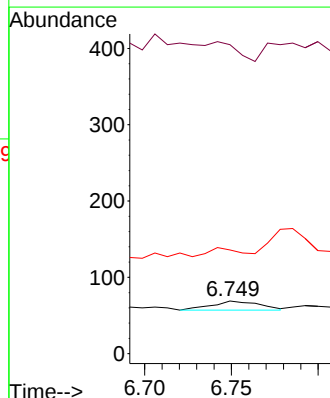
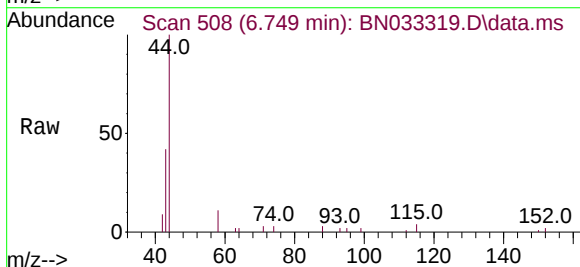
Instrument :
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ClientSampleId :
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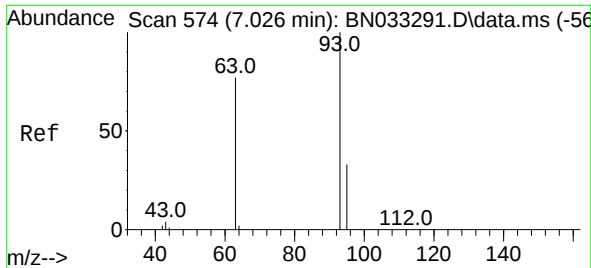
Tgt Ion:112 Resp: 747
Ion Ratio Lower Upper
112 100
64 63.1 48.7 73.1
63 35.9 25.4 38.2



#5
Phenol-d6
Concen: 0.001 ng
RT: 6.749 min Scan# 508
Delta R.T. -0.010 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

Tgt Ion: 99 Resp: 23
Ion Ratio Lower Upper
99 100
42 0.0 19.3 28.9#
71 65.2 27.6 41.4#

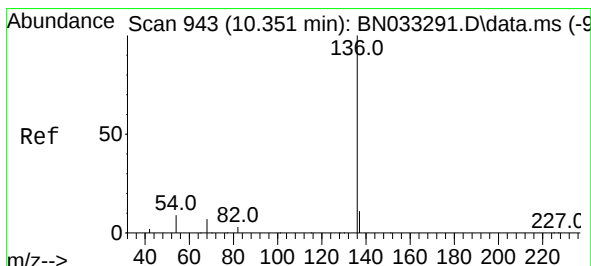
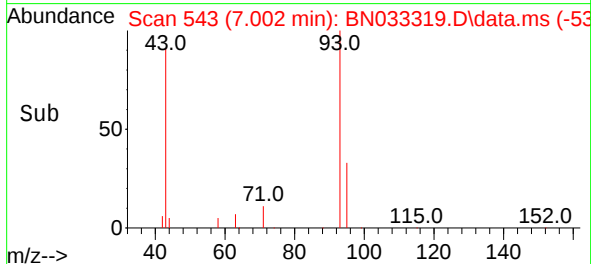
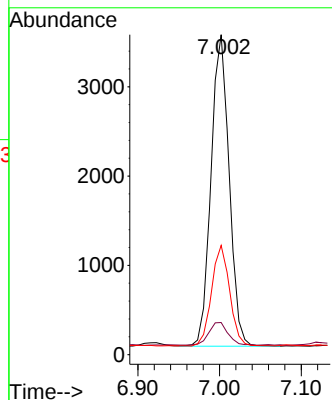
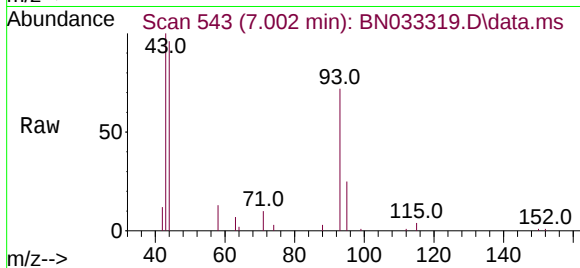




#6
bis(2-Chloroethyl)ether
Concen: 0.385 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.024 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

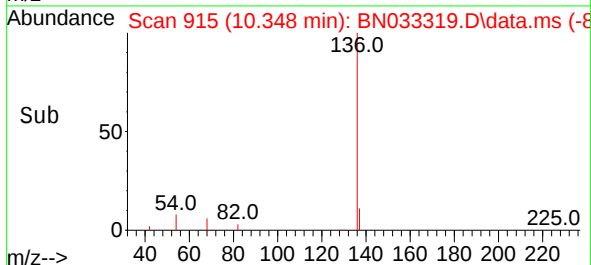
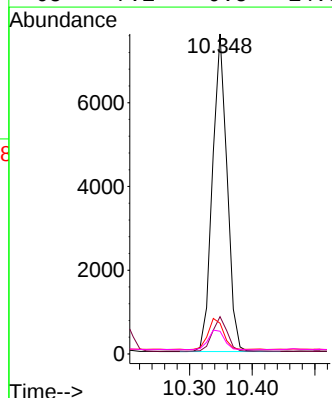
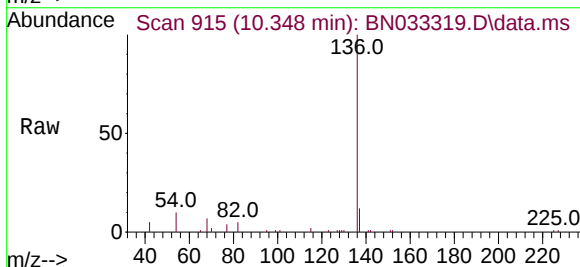
Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240806RE

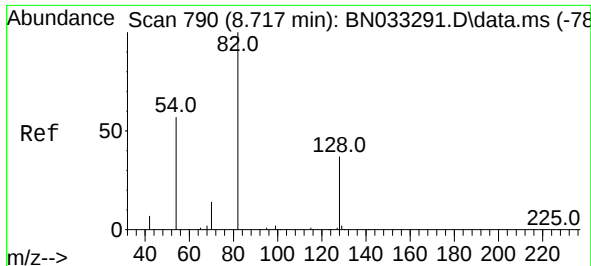
Tgt Ion: 93 Resp: 5376
Ion Ratio Lower Upper
93 100
63 7.8 64.5 96.7#
95 32.1 26.6 39.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.348 min Scan# 915
Delta R.T. -0.002 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

Tgt Ion: 136 Resp: 12275
Ion Ratio Lower Upper
136 100
137 11.7 9.9 14.9
54 9.6 11.4 17.2#
68 7.1 9.5 14.3#

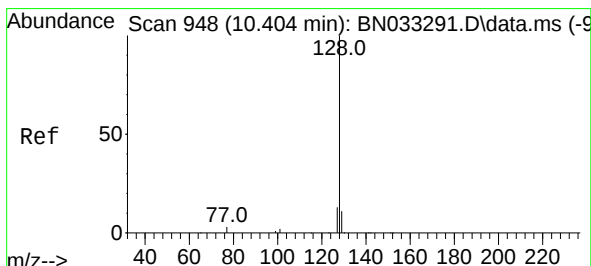
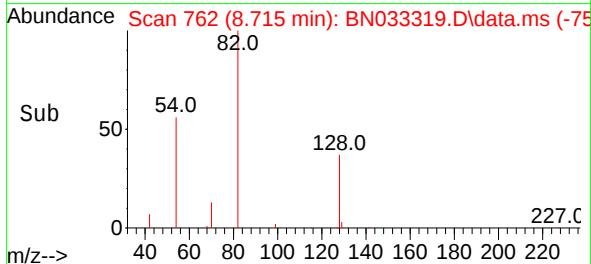
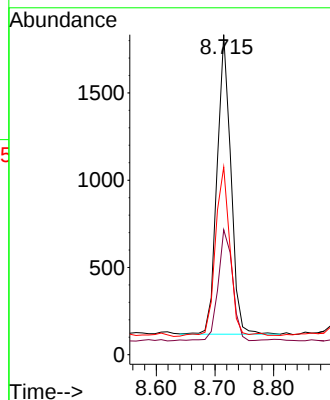
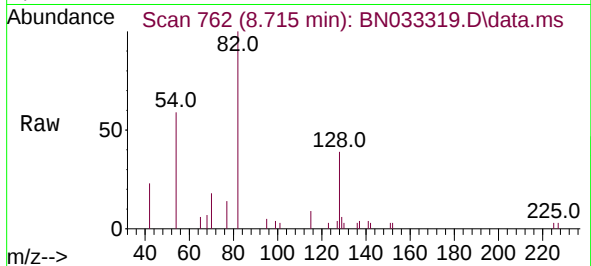




#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.715 min Scan# 71
Delta R.T. -0.002 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

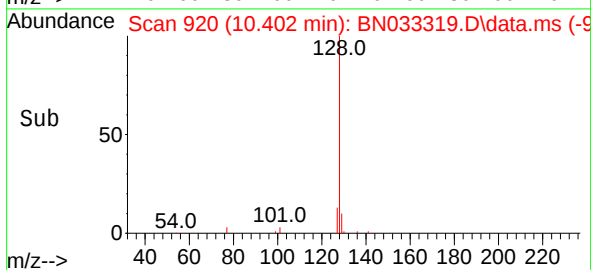
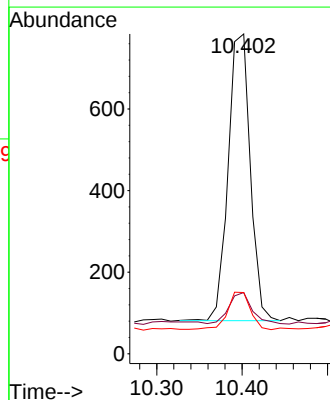
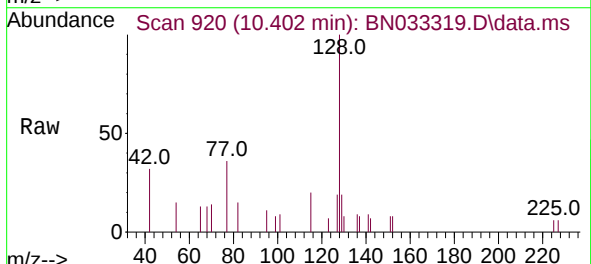
Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240806RE

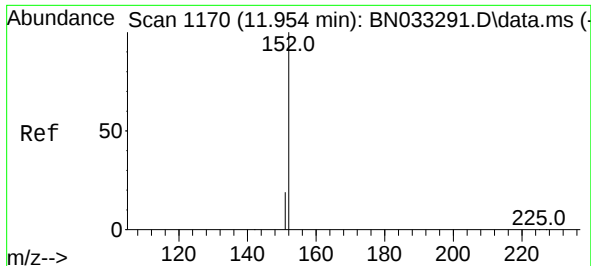
Tgt Ion: 82 Resp: 2801
Ion Ratio Lower Upper
82 100
128 39.0 29.4 44.2
54 58.7 50.0 75.0



#9
Naphthalene
Concen: 0.037 ng
RT: 10.402 min Scan# 920
Delta R.T. -0.002 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

Tgt Ion: 128 Resp: 1265
Ion Ratio Lower Upper
128 100
129 19.1 10.1 15.1#
127 19.1 11.4 17.2#

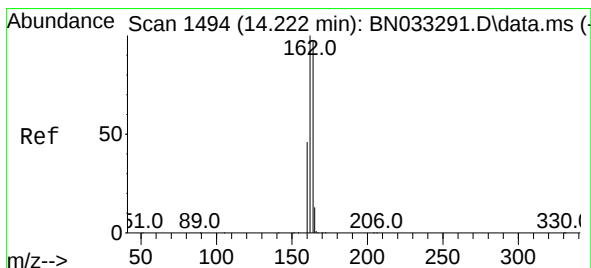
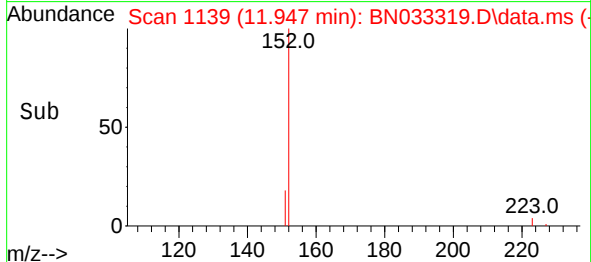
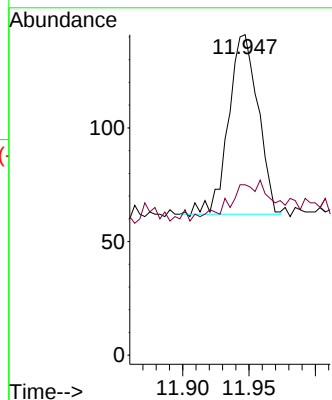
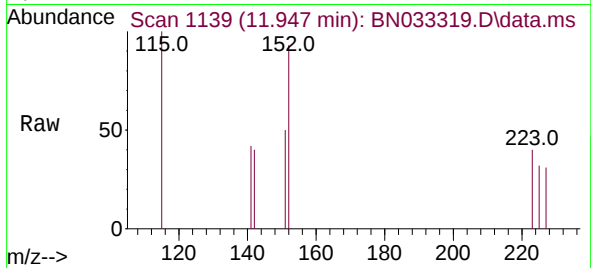




#11
2-Methylnaphthalene-d10
Concen: 0.006 ng
RT: 11.947 min Scan# 1170
Delta R.T. -0.007 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

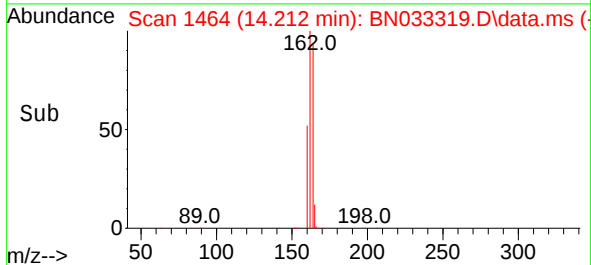
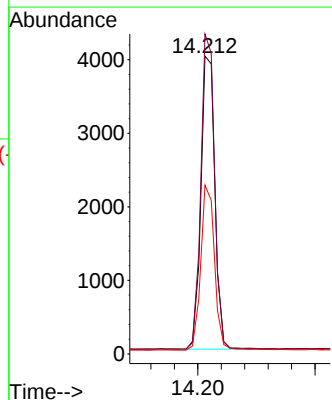
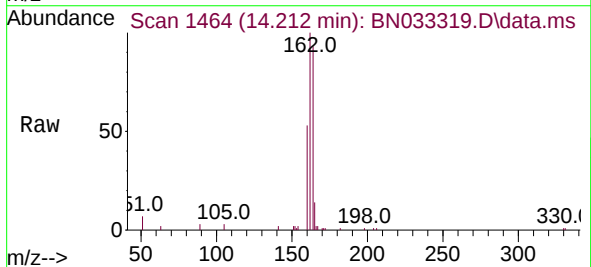
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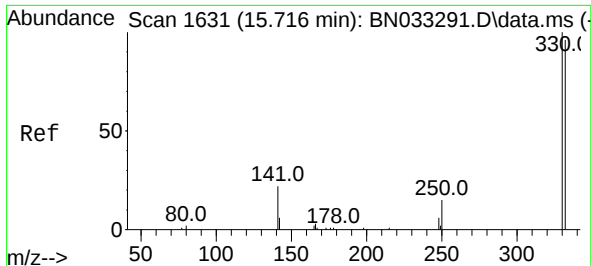
Tgt Ion:152 Resp: 123
Ion Ratio Lower Upper
152 100
151 28.5 16.7 25.1#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 1464
Delta R.T. -0.010 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

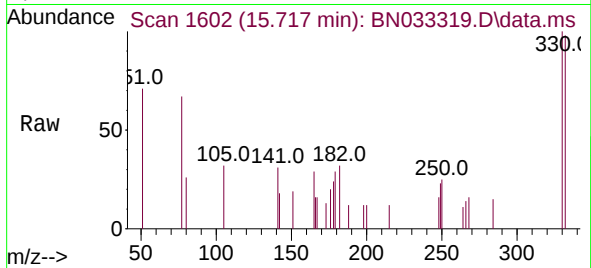
Tgt Ion:164 Resp: 6616
Ion Ratio Lower Upper
164 100
162 107.4 82.6 124.0
160 56.7 38.2 57.4



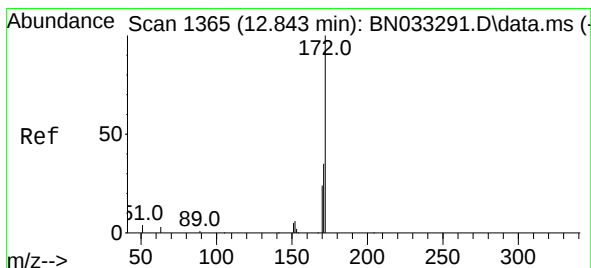
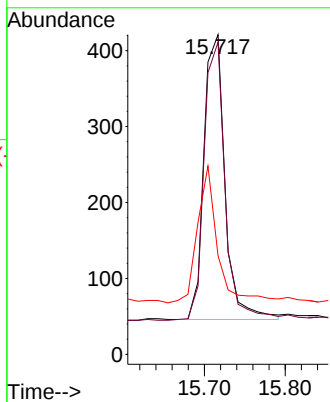
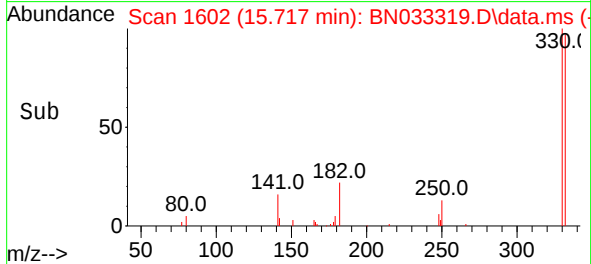


#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 15.717 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240806RE

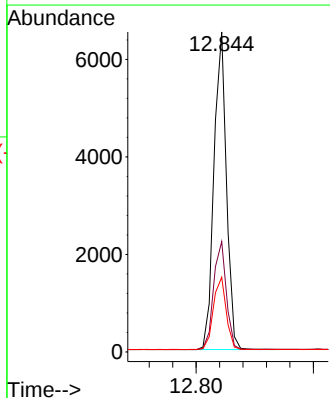
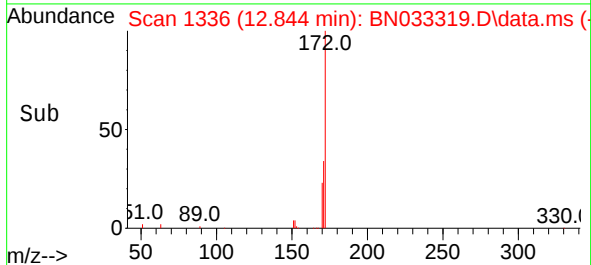
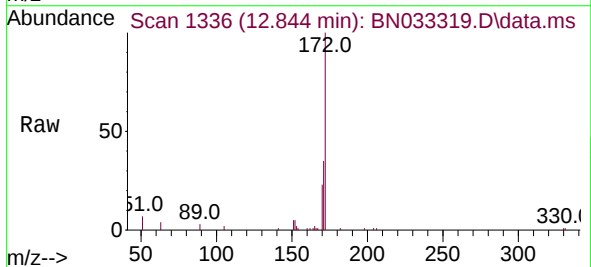


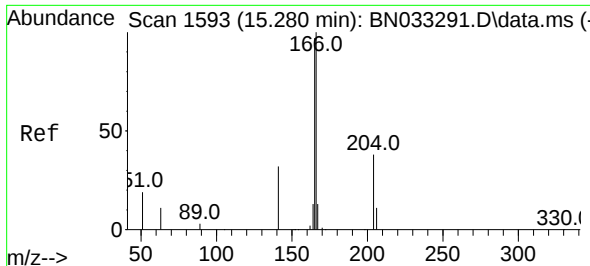
Tgt Ion:330 Resp: 681
Ion Ratio Lower Upper
330 100
332 97.1 75.6 113.4
141 45.7 31.0 46.4



#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.844 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

Tgt Ion:172 Resp: 9606
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.3 19.4 29.2

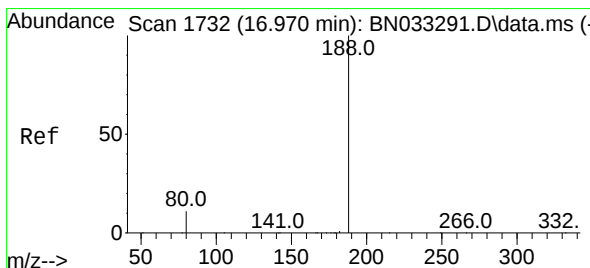
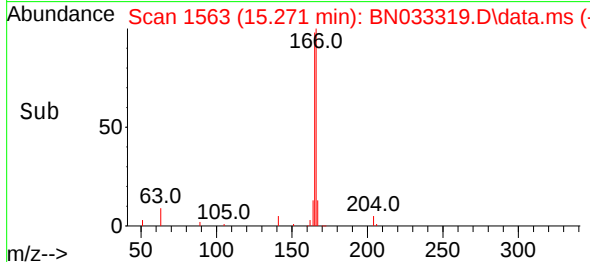
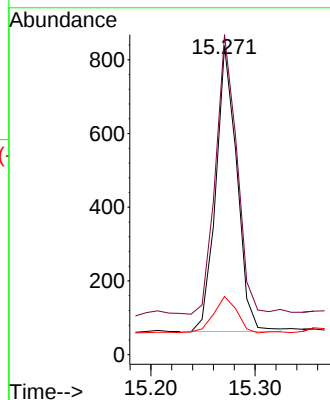
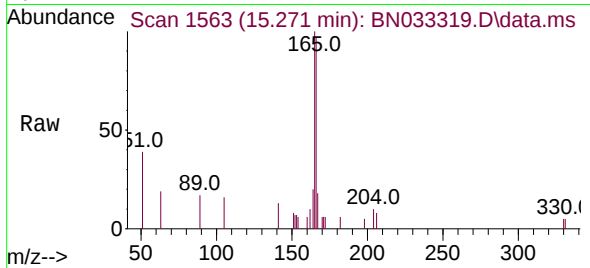




#18
Fluorene
Concen: 0.040 ng
RT: 15.271 min Scan# 1563
Delta R.T. -0.010 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

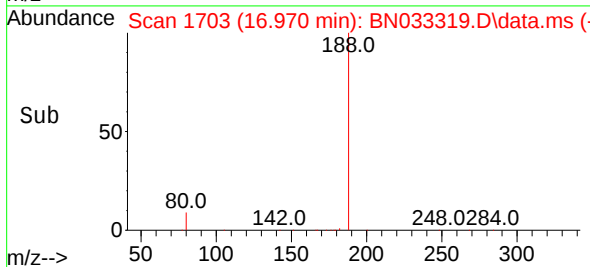
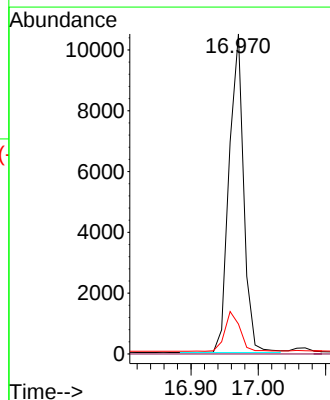
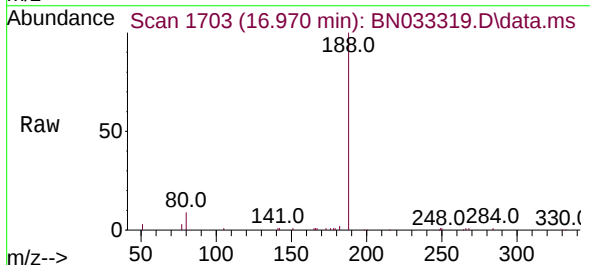
Instrument :
BNA_N
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BPOW6-7-HYD-20240806RE

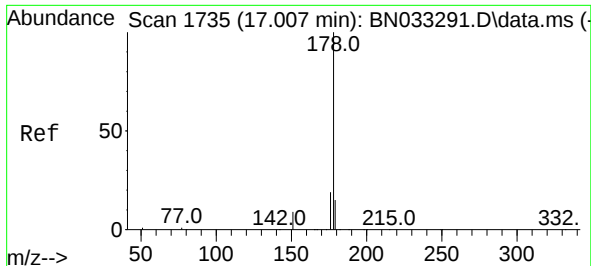
Tgt Ion:166 Resp: 1089
Ion Ratio Lower Upper
166 100
165 98.7 78.9 118.3
167 14.0 10.6 16.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

Tgt Ion:188 Resp: 15748
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 10.5 15.7#

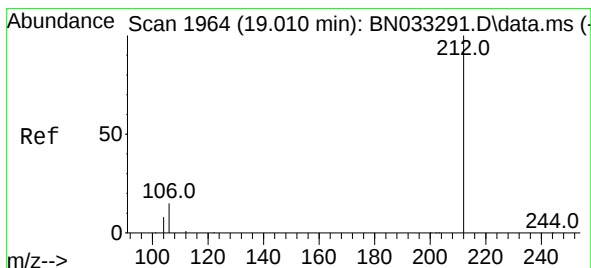
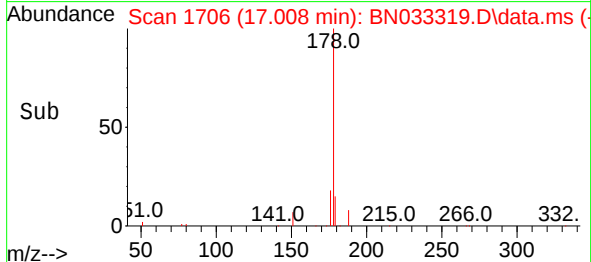
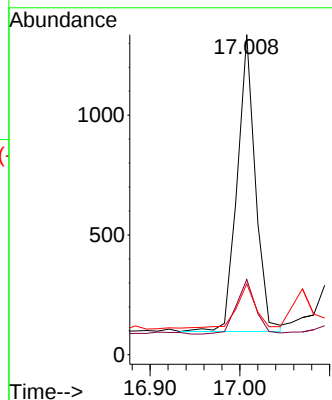
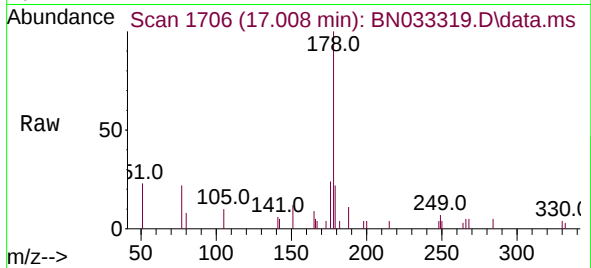




#25
Phenanthrene
Concen: 0.038 ng
RT: 17.008 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

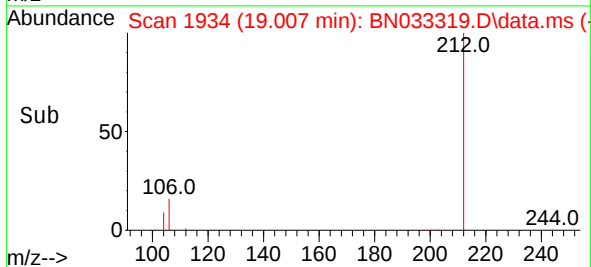
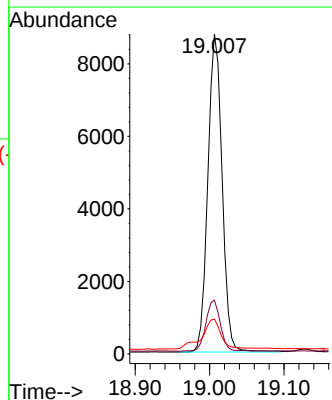
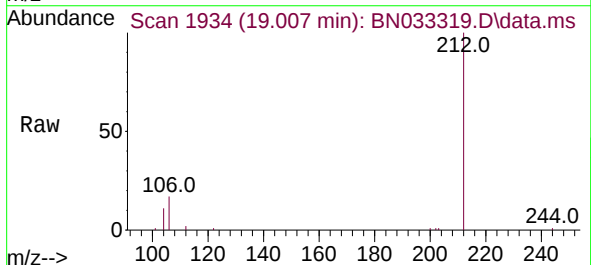
Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240806RE

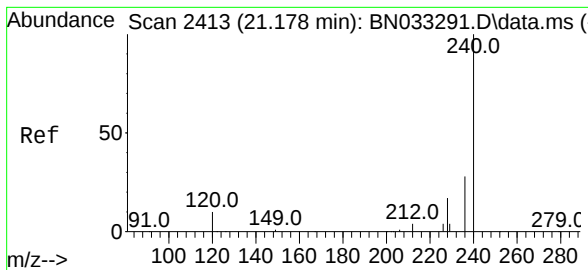
Tgt Ion:178 Resp: 1740
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.1 12.0 18.0



#27
Fluoranthene-d10
Concen: 0.269 ng
RT: 19.007 min Scan# 1934
Delta R.T. -0.004 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

Tgt Ion:212 Resp: 11669
Ion Ratio Lower Upper
212 100
106 16.3 12.2 18.4
104 12.7 6.9 10.3#

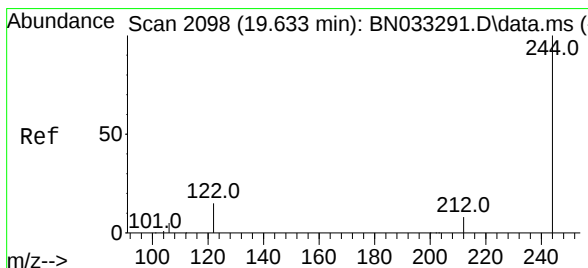
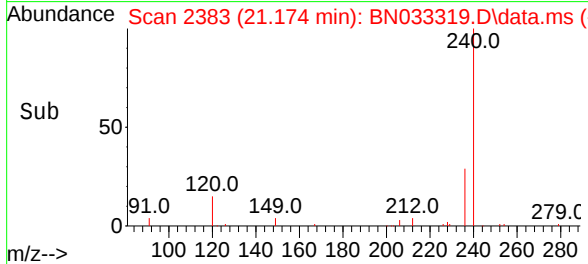
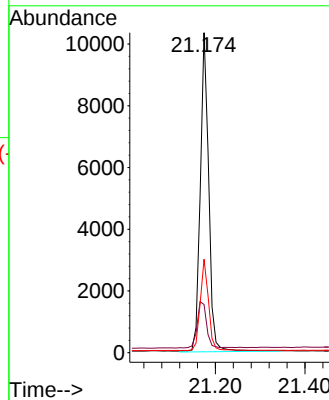
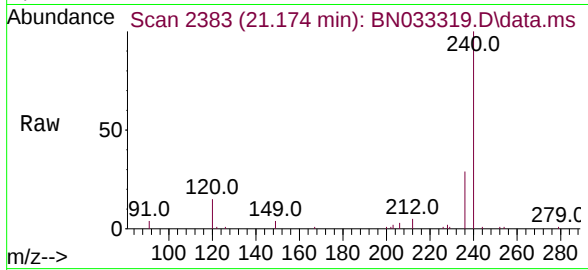




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.174 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

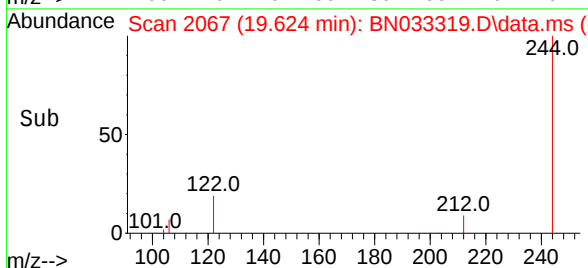
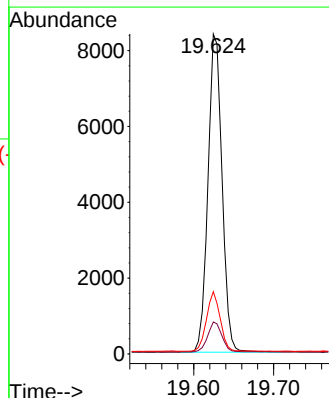
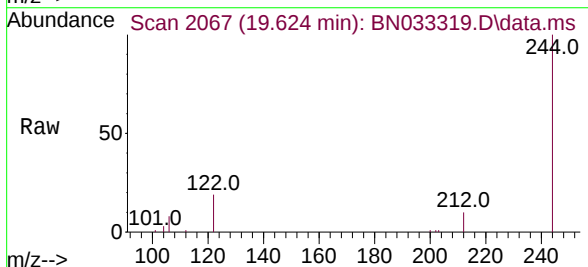
Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240806RE

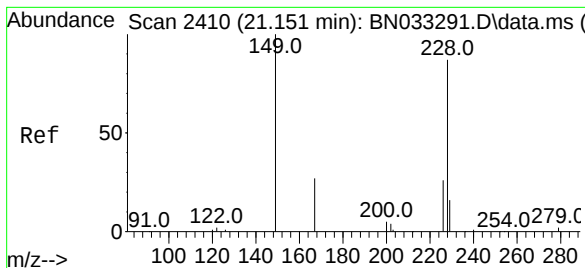
Tgt Ion:240 Resp: 13503
Ion Ratio Lower Upper
240 100
120 15.1 9.0 13.6#
236 29.2 22.4 33.6



#31
Terphenyl-d14
Concen: 0.441 ng
RT: 19.624 min Scan# 2067
Delta R.T. -0.008 min
Lab File: BN033319.D
Acq: 09 Aug 2024 15:22

Tgt Ion:244 Resp: 10279
Ion Ratio Lower Upper
244 100
212 10.0 7.2 10.8
122 19.4 12.7 19.1#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.289 ng

RT: 21.139 min Scan# 2410

Delta R.T. -0.013 min

Lab File: BN033319.D

Acq: 09 Aug 2024 15:22

Instrument :

BNA_N

ClientSampleId :

BPOW6-7-HYD-20240806RE

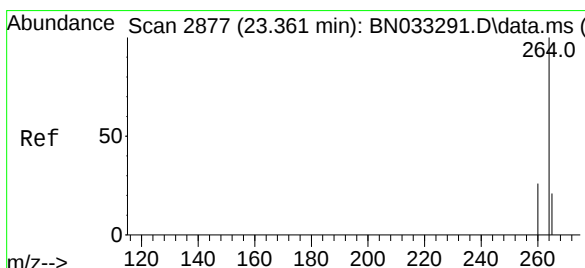
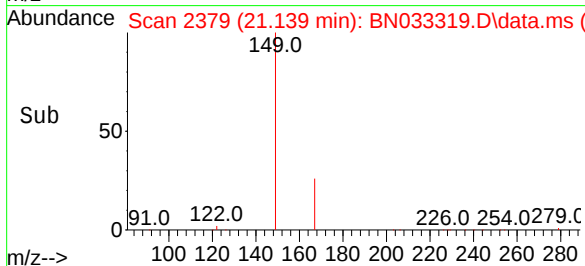
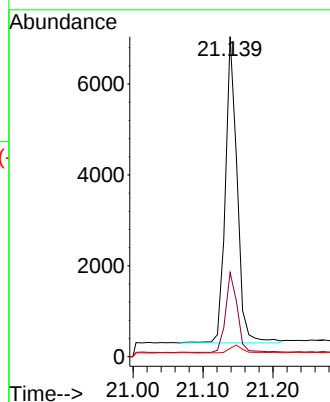
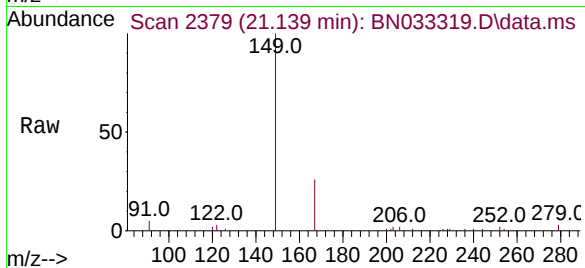
Tgt Ion:149 Resp: 7853

Ion Ratio Lower Upper

149 100

167 25.9 21.6 32.4

279 3.0 2.6 4.0



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.361 min Scan# 2846

Delta R.T. -0.001 min

Lab File: BN033319.D

Acq: 09 Aug 2024 15:22

Tgt Ion:264 Resp: 12099

Ion Ratio Lower Upper

264 100

260 26.7 21.4 32.0

265 38.9 22.4 33.6#

