

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
 Data File : BN034717.D
 Acq On : 25 Oct 2024 06:39
 Operator : RC/JU
 Sample : P4440-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-11-HYD-20241016

Quant Time: Oct 25 07:09:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 24 13:17:02 2024
 Response via : Initial Calibration

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

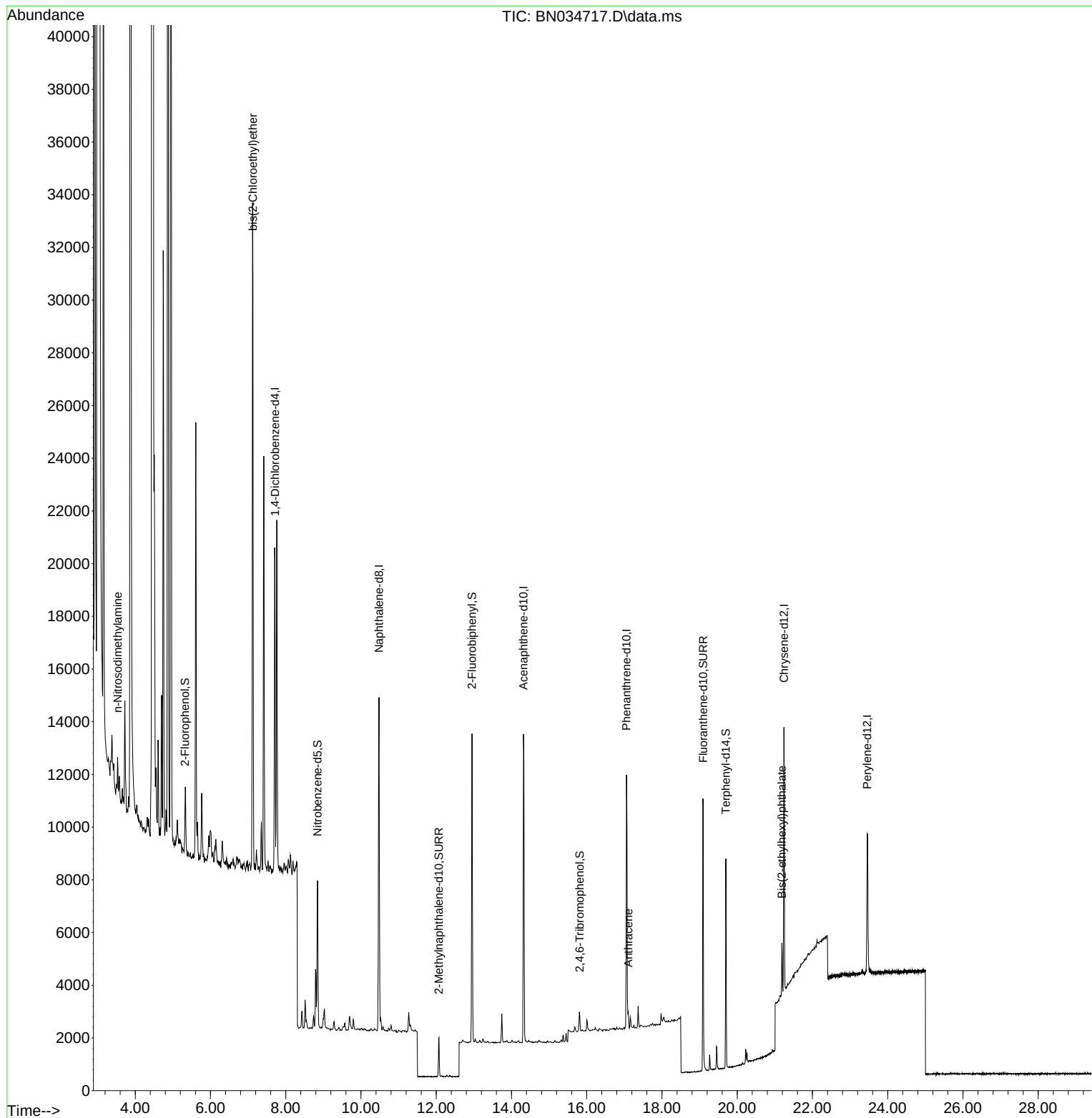
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	5535	0.400	ng	0.00
7) Naphthalene-d8	10.479	136	15645	0.400	ng	0.00
13) Acenaphthene-d10	14.318	164	6994	0.400	ng	-0.01
19) Phenanthrene-d10	17.057	188	12994	0.400	ng	#-0.01
29) Chrysene-d12	21.241	240	7954	0.400	ng	# 0.00
35) Perylene-d12	23.458	264	7258	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.322	112	400	0.024	ng	0.00
5) Phenol-d6	6.882	99	94	0.004	ng	0.00
8) Nitrobenzene-d5	8.845	82	4108	0.313	ng	0.00
11) 2-Methylnaphthalene-d10	12.067	152	1956	0.091	ng	0.00
14) 2,4,6-Tribromophenol	15.815	330	370	0.171	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	9314	0.335	ng	0.00
27) Fluoranthene-d10	19.094	212	10124	0.346	ng	0.00
31) Terphenyl-d14	19.698	244	6233	0.383	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.530	42	1469	0.137	ng	# 17
6) bis(2-Chloroethyl)ether	7.127	93	13670	0.776	ng	# 36
26) Anthracene	17.106	178	693	0.020	ng	99
34) Bis(2-ethylhexyl)phtha...	21.187	149	1931	0.112	ng	# 99

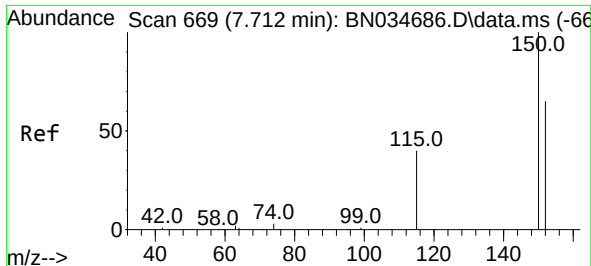
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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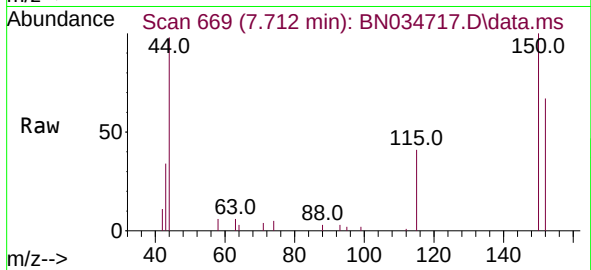
Quant Time: Oct 25 07:09:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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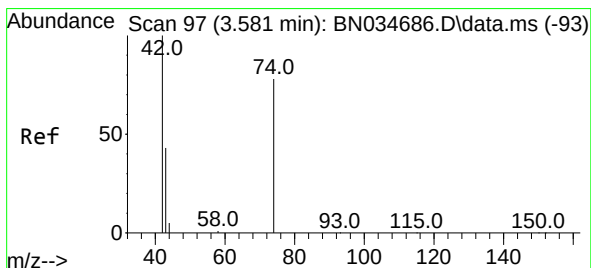
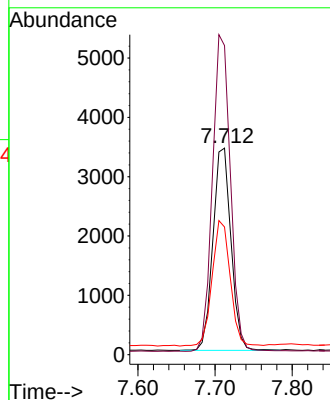
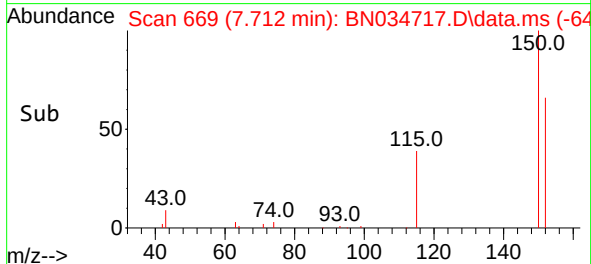


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.712 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN034717.D
Acq: 25 Oct 2024 06:39

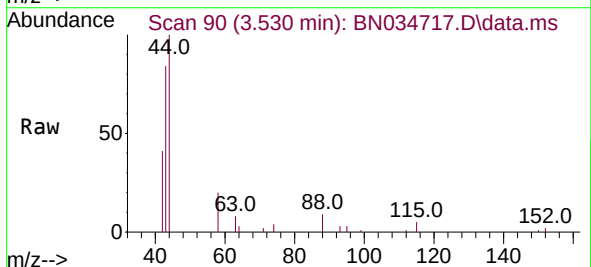
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241016



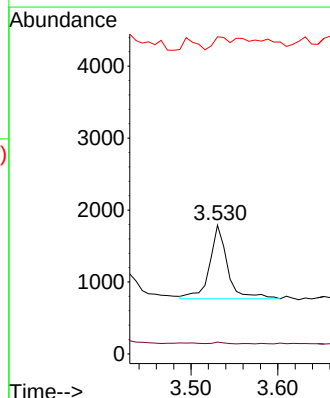
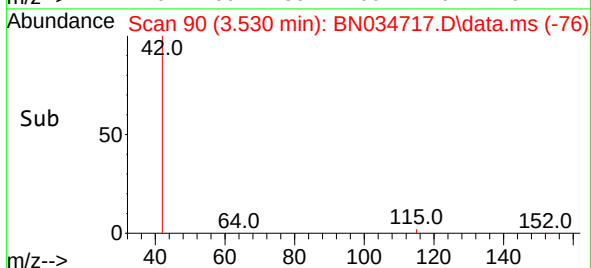
Tgt Ion:152 Resp: 5535
Ion Ratio Lower Upper
152 100
150 149.7 122.7 184.1
115 61.8 51.0 76.6

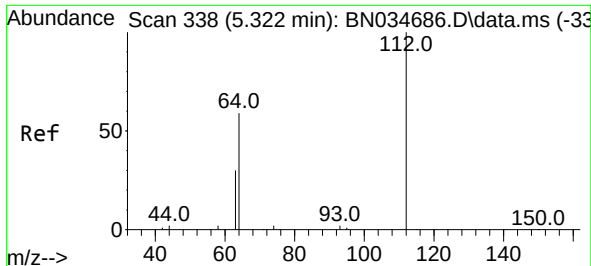


#3
n-Nitrosodimethylamine
Concen: 0.137 ng
RT: 3.530 min Scan# 90
Delta R.T. -0.051 min
Lab File: BN034717.D
Acq: 25 Oct 2024 06:39



Tgt Ion: 42 Resp: 1469
Ion Ratio Lower Upper
42 100
74 1.6 77.2 115.8#
44 15.0 13.4 20.2





#4

2-Fluorophenol

Concen: 0.024 ng

RT: 5.322 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN034717.D

Acq: 25 Oct 2024 06:39

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241016

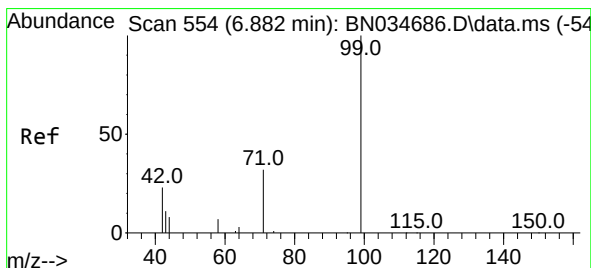
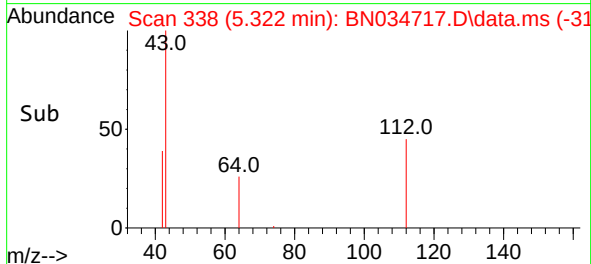
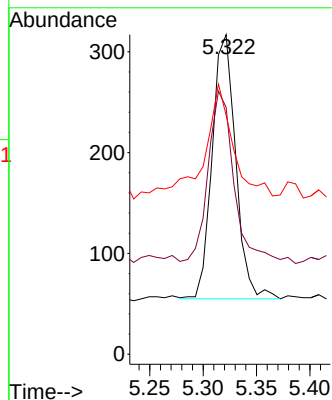
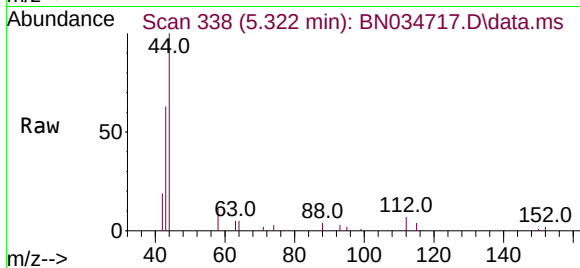
Tgt Ion:112 Resp: 400

Ion Ratio Lower Upper

112 100

64 73.3 53.0 79.6

63 50.2 27.6 41.4#



#5

Phenol-d6

Concen: 0.004 ng

RT: 6.882 min Scan# 554

Delta R.T. 0.000 min

Lab File: BN034717.D

Acq: 25 Oct 2024 06:39

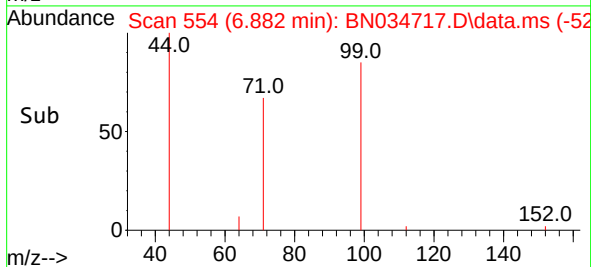
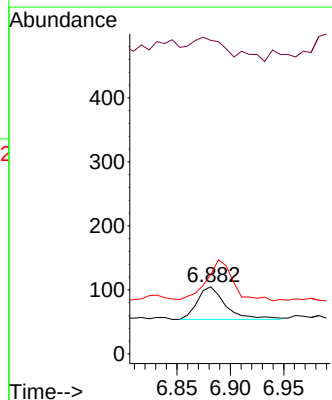
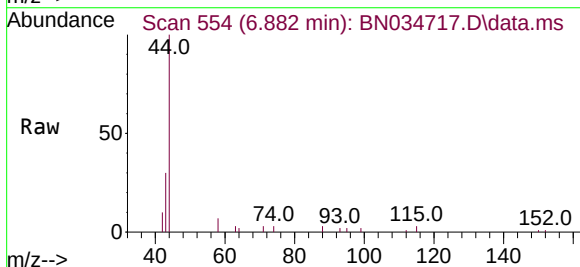
Tgt Ion: 99 Resp: 94

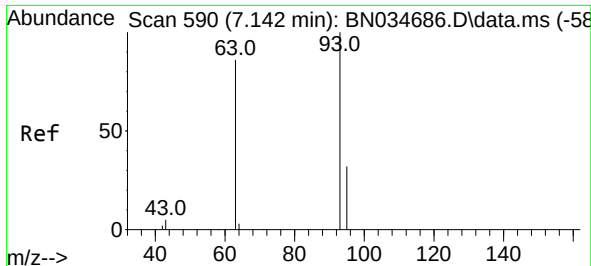
Ion Ratio Lower Upper

99 100

42 55.3 21.8 32.8#

71 111.7 26.6 40.0#

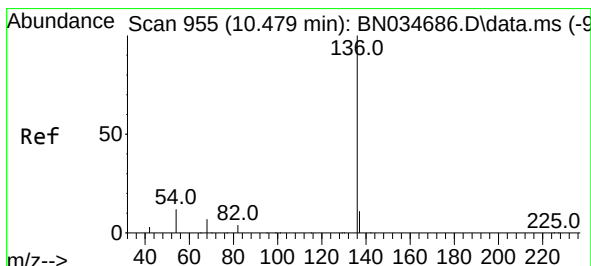
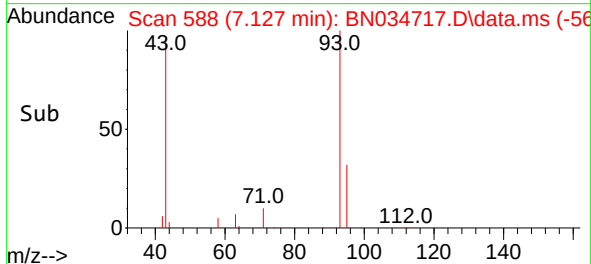
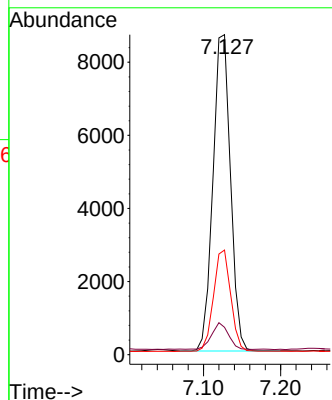
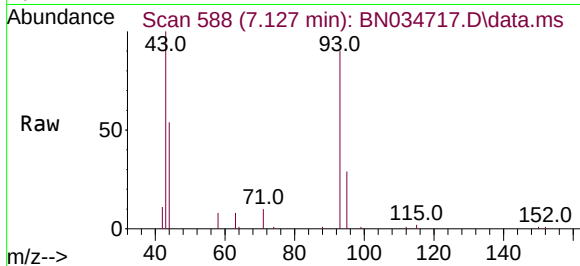




#6
bis(2-Chloroethyl)ether
Concen: 0.776 ng
RT: 7.127 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN034717.D
Acq: 25 Oct 2024 06:39

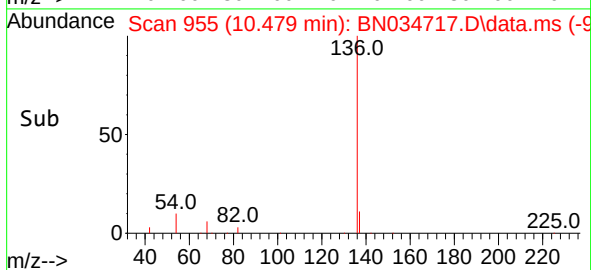
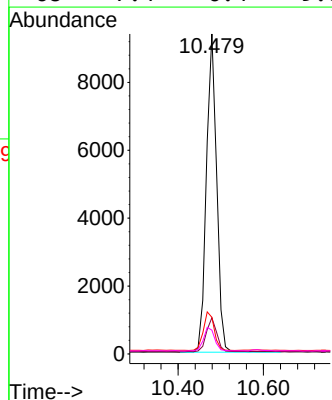
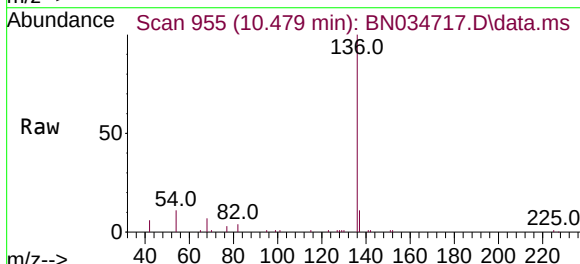
Instrument :
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BPOW6-11-HYD-20241016

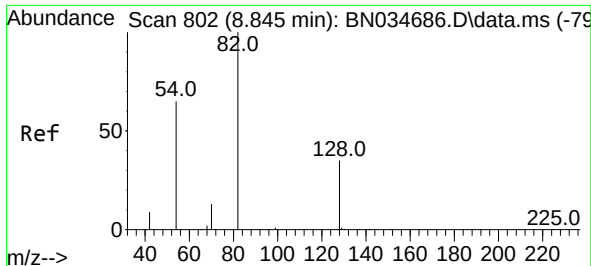
Tgt Ion: 93 Resp: 13670
Ion Ratio Lower Upper
93 100
63 8.0 71.5 107.3#
95 31.8 25.8 38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.479 min Scan# 955
Delta R.T. 0.000 min
Lab File: BN034717.D
Acq: 25 Oct 2024 06:39

Tgt Ion:136 Resp: 15645
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 11.4 9.8 14.8
68 7.4 6.4 9.6

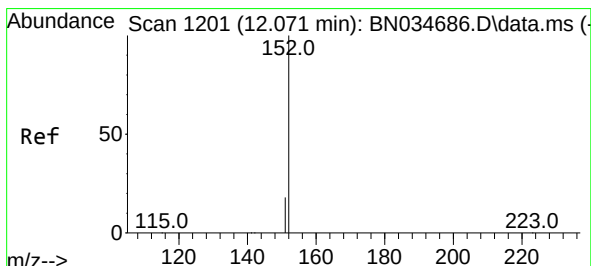
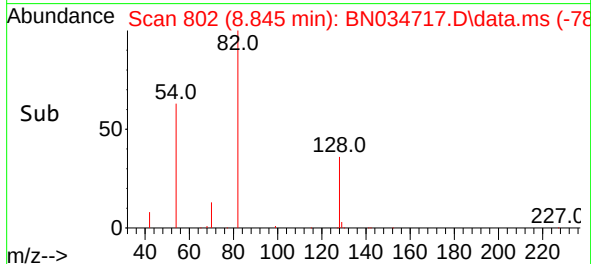
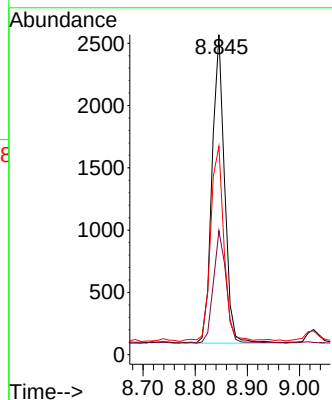
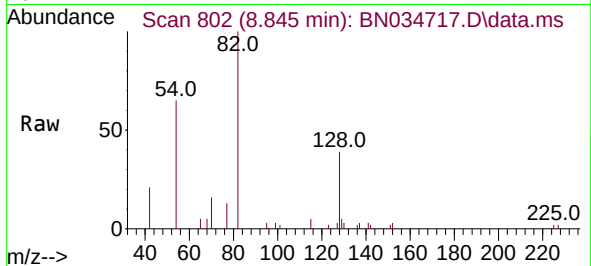




#8
 Nitrobenzene-d5
 Concen: 0.313 ng
 RT: 8.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BN034717.D
 Acq: 25 Oct 2024 06:39

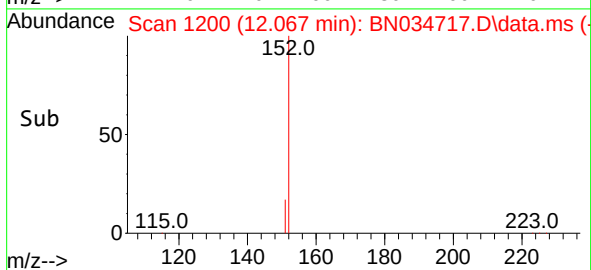
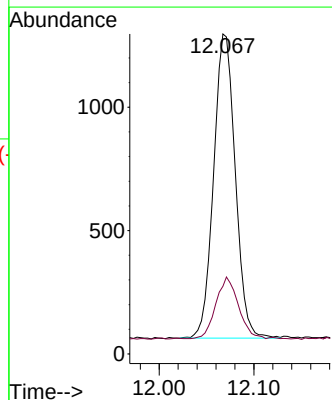
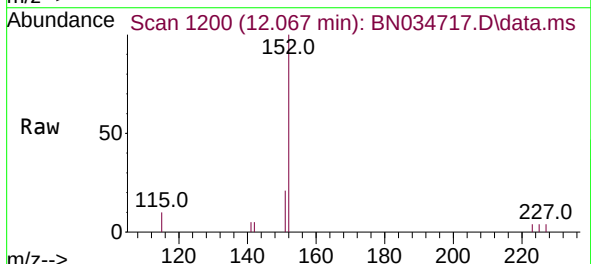
Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-11-HYD-20241016

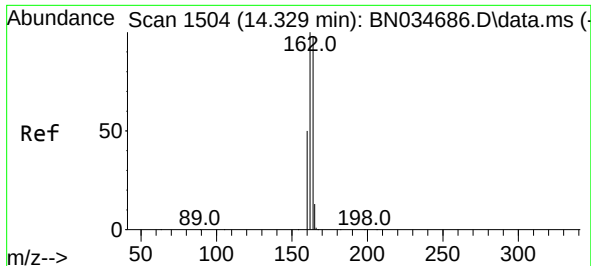
Tgt Ion:	82	Resp:	4108
Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.7	44.5
54	65.2	53.0	79.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.091 ng
 RT: 12.067 min Scan# 1200
 Delta R.T. -0.004 min
 Lab File: BN034717.D
 Acq: 25 Oct 2024 06:39

Tgt Ion:	152	Resp:	1956
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.7	25.1

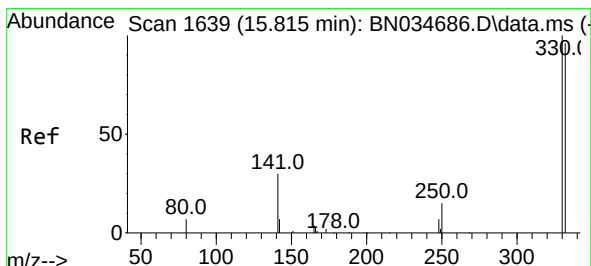
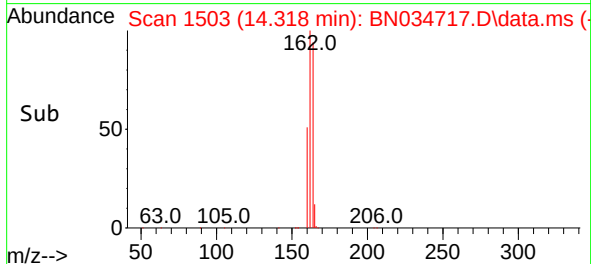
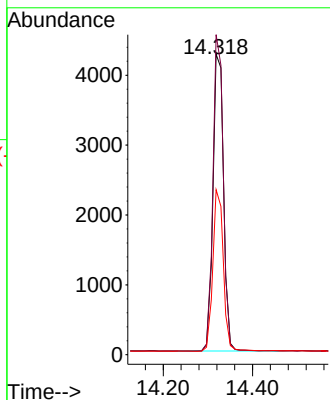
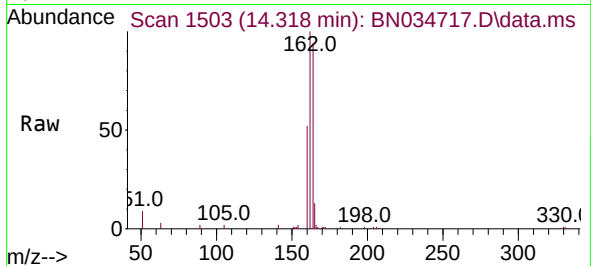




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.318 min Scan# 1503
Delta R.T. -0.011 min
Lab File: BN034717.D
Acq: 25 Oct 2024 06:39

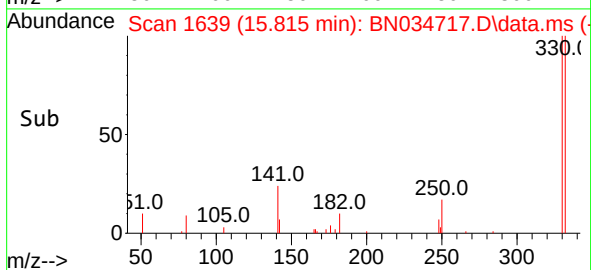
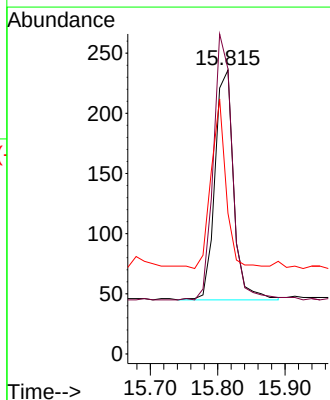
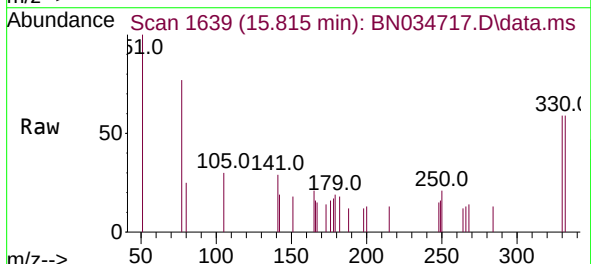
Instrument :
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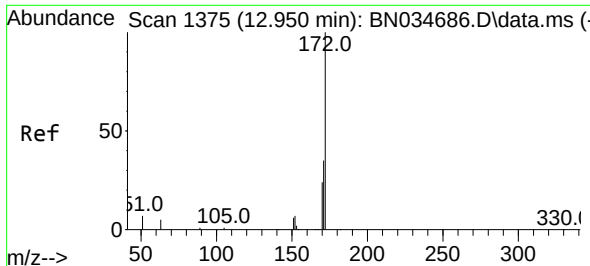
Tgt Ion:164 Resp: 6994
Ion Ratio Lower Upper
164 100
162 106.5 81.4 122.0
160 54.9 40.6 61.0



#14
2,4,6-Tribromophenol
Concen: 0.171 ng
RT: 15.815 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BN034717.D
Acq: 25 Oct 2024 06:39

Tgt Ion:330 Resp: 370
Ion Ratio Lower Upper
330 100
332 117.6 76.6 115.0#
141 59.2 54.6 81.8

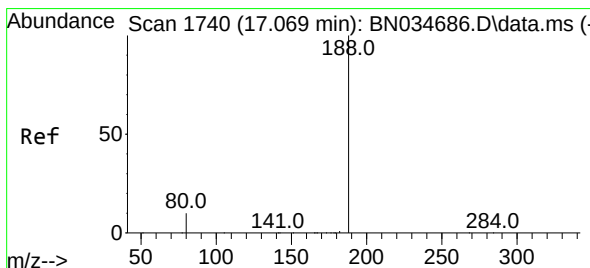
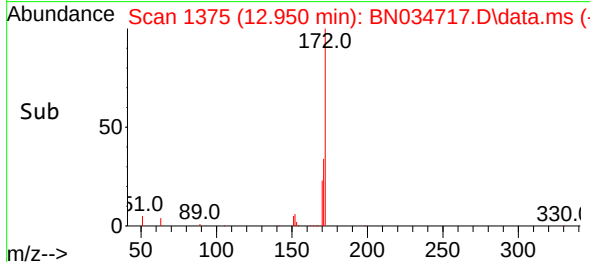
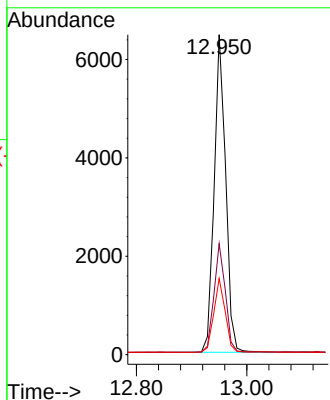
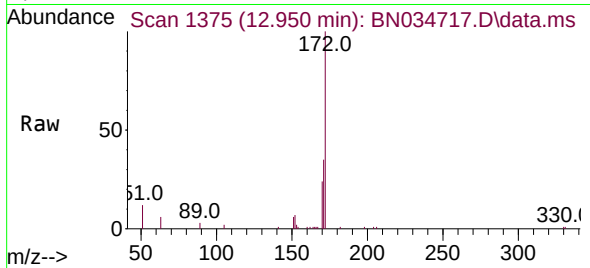




#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.950 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN034717.D
Acq: 25 Oct 2024 06:39

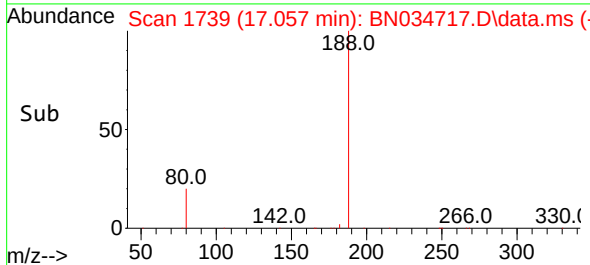
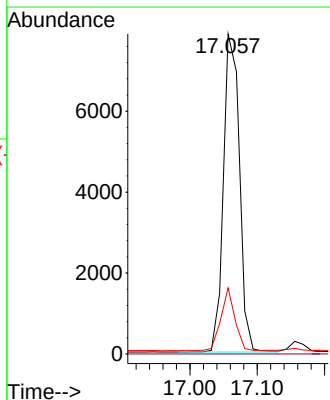
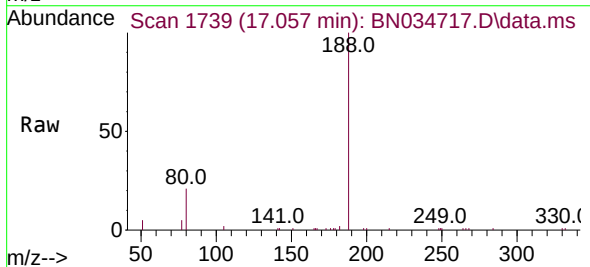
Instrument :
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ClientSampleId :
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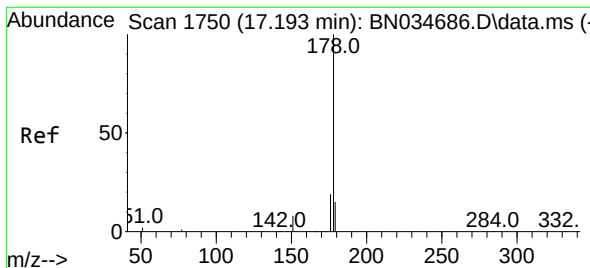
Tgt Ion:	172	Resp:	9314
Ion Ratio	Lower	Upper	
172	100		
171	34.7	28.3	42.5
170	23.8	19.8	29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.057 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BN034717.D
Acq: 25 Oct 2024 06:39

Tgt Ion:	188	Resp:	12994
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	20.6	8.9	13.3





#26

Anthracene

Concen: 0.020 ng

RT: 17.106 min Scan# 1743

Delta R.T. -0.087 min

Lab File: BN034717.D

Acq: 25 Oct 2024 06:39

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241016

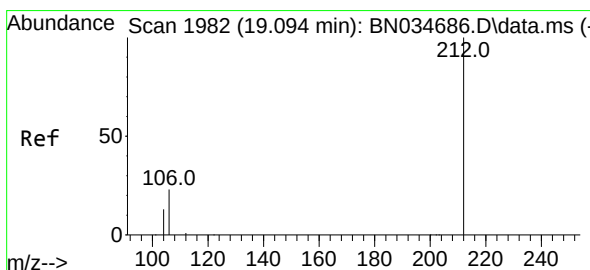
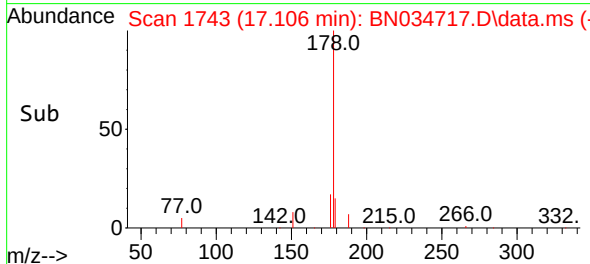
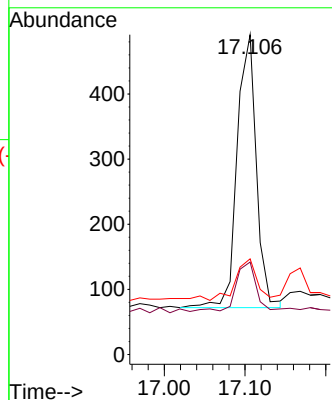
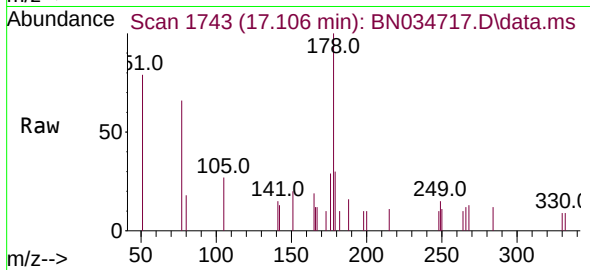
Tgt Ion:178 Resp: 693

Ion Ratio Lower Upper

178 100

176 19.2 14.9 22.3

179 14.9 12.2 18.2



#27

Fluoranthene-d10

Concen: 0.346 ng

RT: 19.094 min Scan# 1982

Delta R.T. 0.000 min

Lab File: BN034717.D

Acq: 25 Oct 2024 06:39

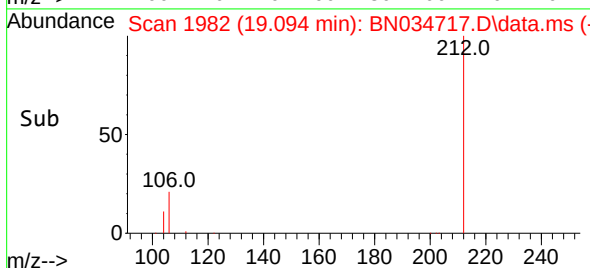
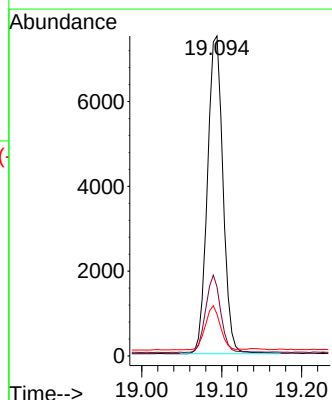
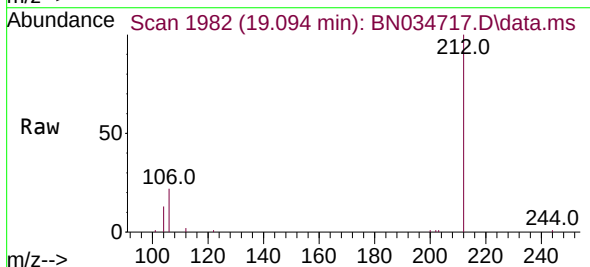
Tgt Ion:212 Resp: 10124

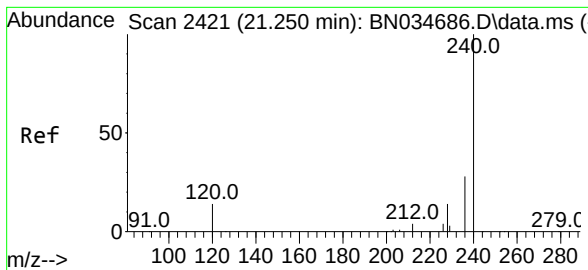
Ion Ratio Lower Upper

212 100

106 23.5 17.8 26.8

104 13.3 10.2 15.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.241 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BN034717.D

Acq: 25 Oct 2024 06:39

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241016

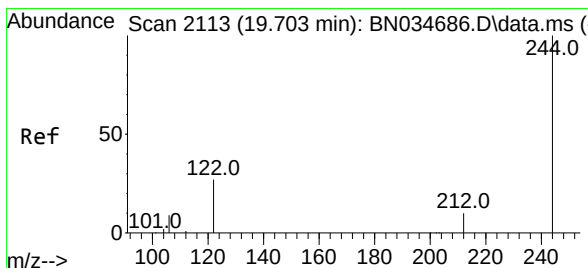
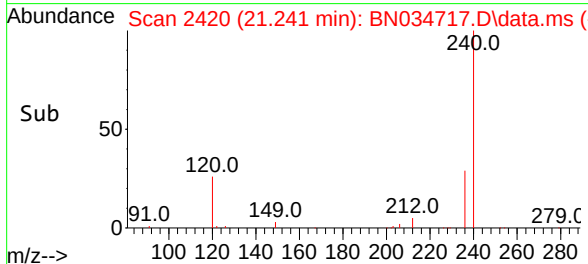
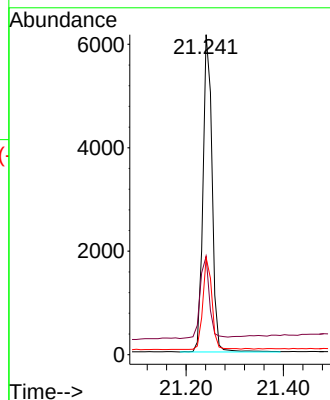
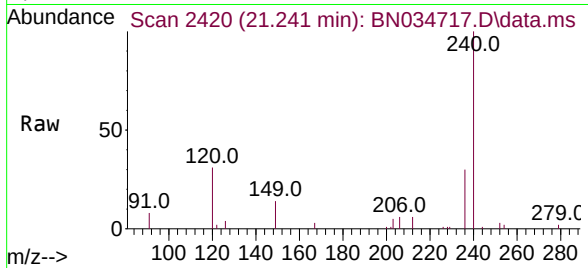
Tgt Ion:240 Resp: 7954

Ion Ratio Lower Upper

240 100

120 30.7 14.2 21.2#

236 30.4 23.1 34.7



#31

Terphenyl-d14

Concen: 0.383 ng

RT: 19.698 min Scan# 2112

Delta R.T. -0.005 min

Lab File: BN034717.D

Acq: 25 Oct 2024 06:39

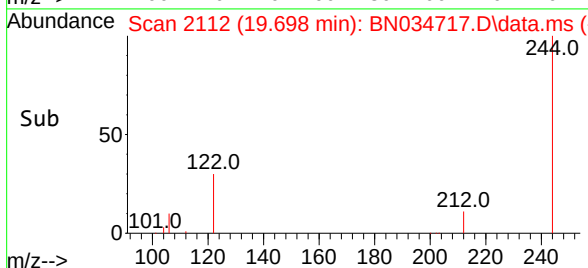
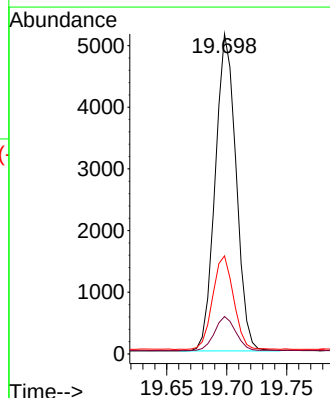
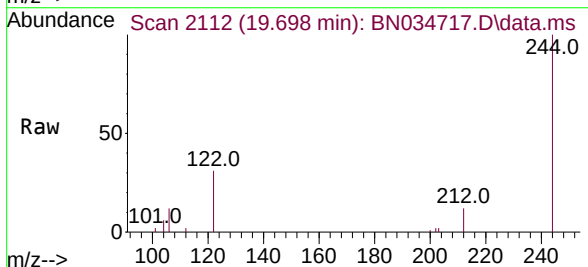
Tgt Ion:244 Resp: 6233

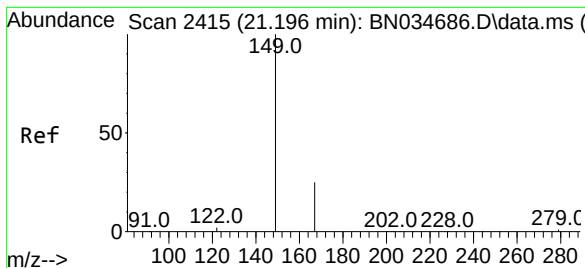
Ion Ratio Lower Upper

244 100

212 11.7 8.6 13.0

122 30.7 22.3 33.5

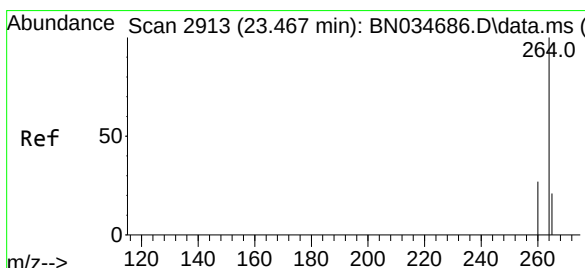
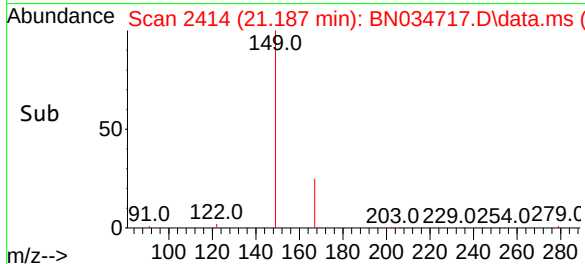
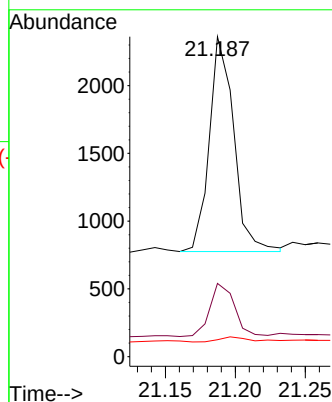
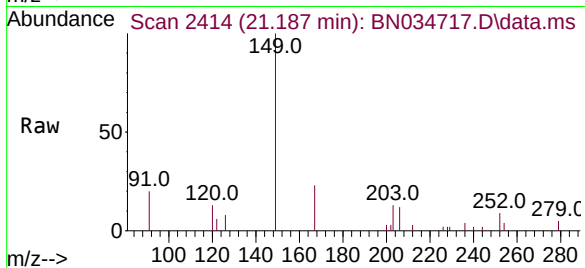




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 21.187 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BN034717.D
Acq: 25 Oct 2024 06:39

Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241016

Tgt Ion:149 Resp: 1931
Ion Ratio Lower Upper
149 100
167 24.9 19.7 29.5
279 3.3 1.8 2.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.458 min Scan# 2910
Delta R.T. -0.009 min
Lab File: BN034717.D
Acq: 25 Oct 2024 06:39

Tgt Ion:264 Resp: 7258
Ion Ratio Lower Upper
264 100
260 27.1 21.9 32.9
265 88.7 60.6 91.0

