

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034258.D
 Acq On : 26 Sep 2024 23:23
 Operator : RC/JU
 Sample : P4164-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20240923

Quant Time: Sep 27 01:03:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

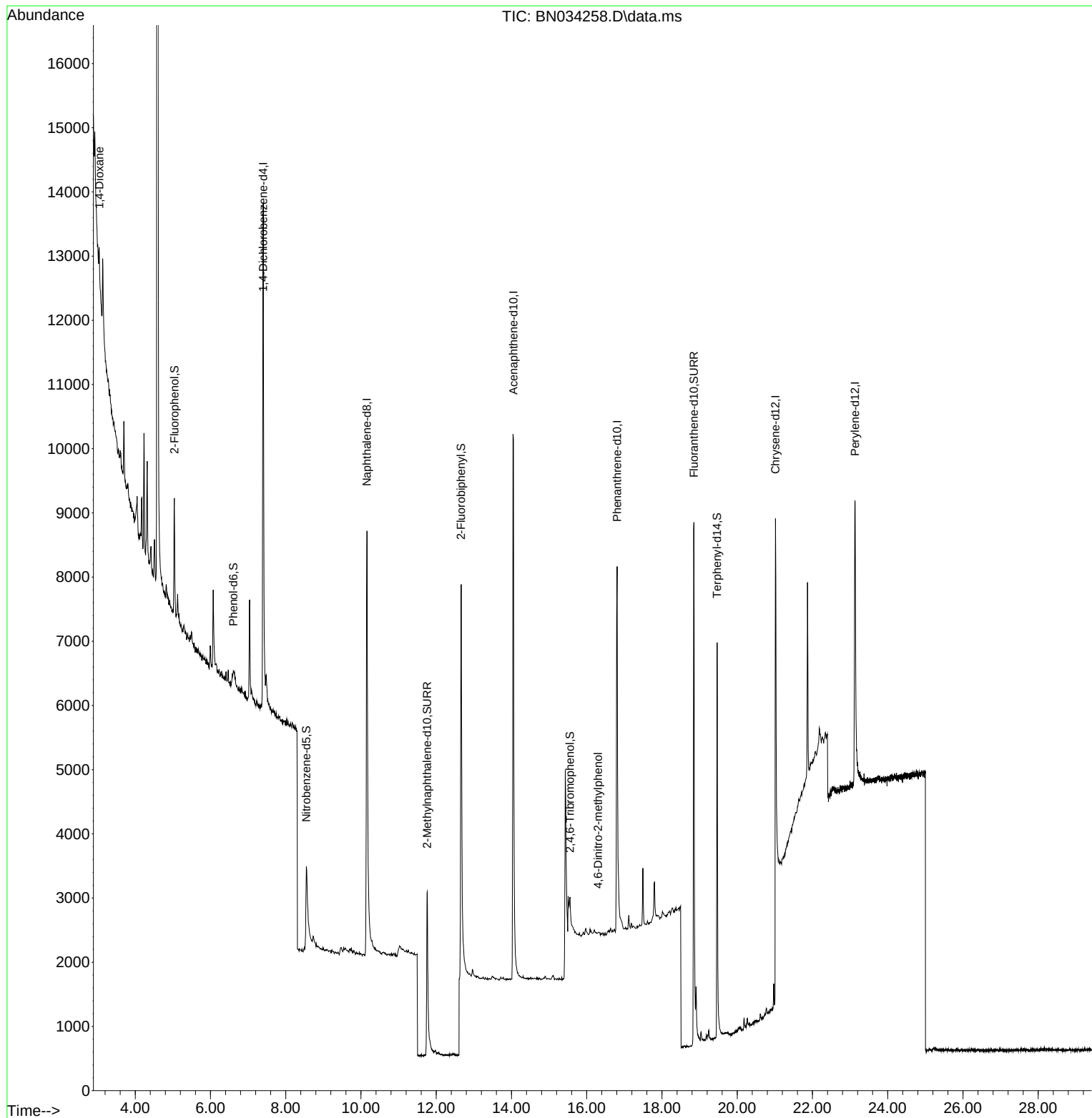
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.402	152	4700	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	12729	0.400	ng	# 0.01
13) Acenaphthene-d10	14.051	164	6455	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	11218	0.400	ng	# 0.00
29) Chrysene-d12	21.017	240	7450	0.400	ng	# 0.00
35) Perylene-d12	23.130	264	7231	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	1427	0.107	ng	0.00
5) Phenol-d6	6.607	99	533	0.034	ng	0.00
8) Nitrobenzene-d5	8.546	82	2323	0.239	ng	0.01
11) 2-Methylnaphthalene-d10	11.757	152	5302	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.555	330	272	0.093	ng	0.00
15) 2-Fluorobiphenyl	12.661	172	7646	0.291	ng	0.00
27) Fluoranthene-d10	18.848	212	10695	0.378	ng	0.00
31) Terphenyl-d14	19.466	244	6649	0.447	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.047	88	345	0.059	ng	# 45
20) 4,6-Dinitro-2-methylph...	16.299	198	1	0.138	ng	# 1

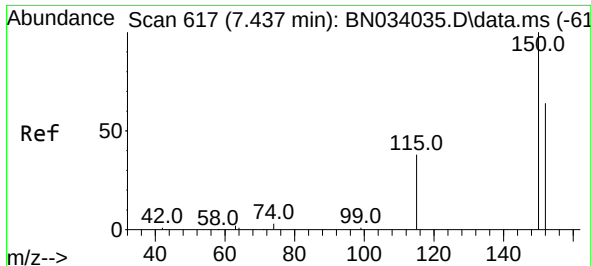
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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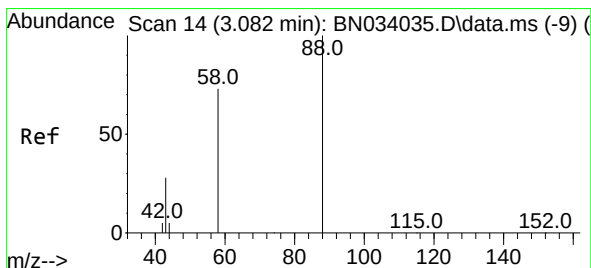
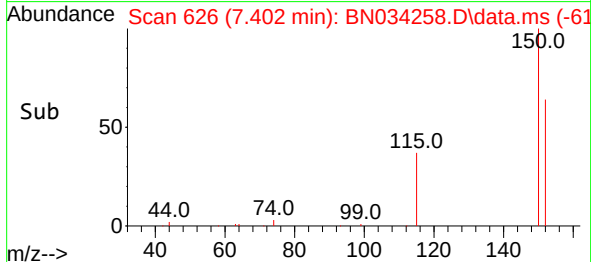
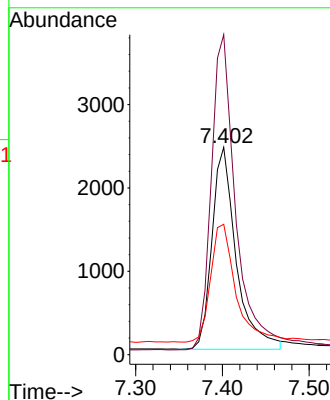
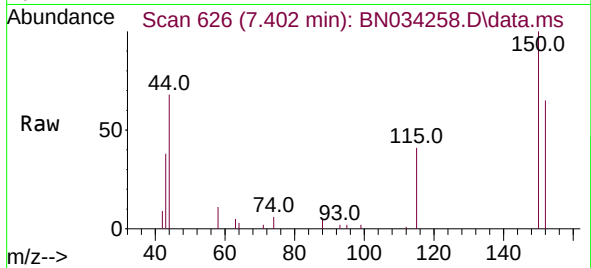




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.402 min Scan# 61
Delta R.T. 0.008 min
Lab File: BN034258.D
Acq: 26 Sep 2024 23:23

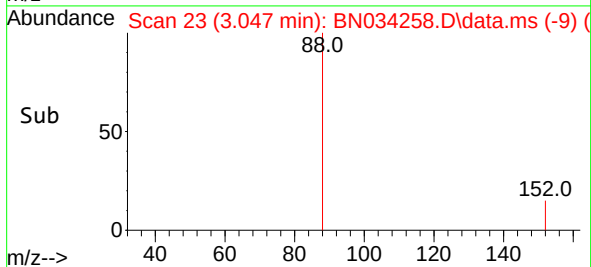
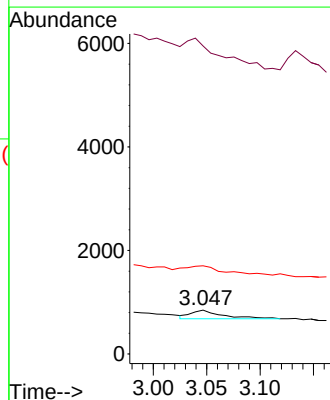
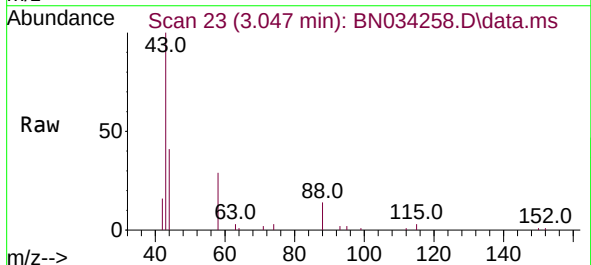
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20240923

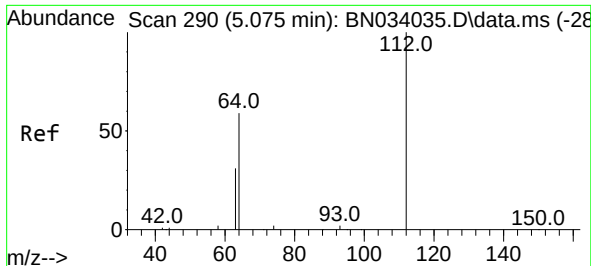
Tgt Ion:152 Resp: 4700
Ion Ratio Lower Upper
152 100
150 154.3 124.6 187.0
115 62.9 50.0 75.0



#2
1,4-Dioxane
Concen: 0.059 ng
RT: 3.047 min Scan# 23
Delta R.T. 0.000 min
Lab File: BN034258.D
Acq: 26 Sep 2024 23:23

Tgt Ion: 88 Resp: 345
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 118.3 58.8 88.2#

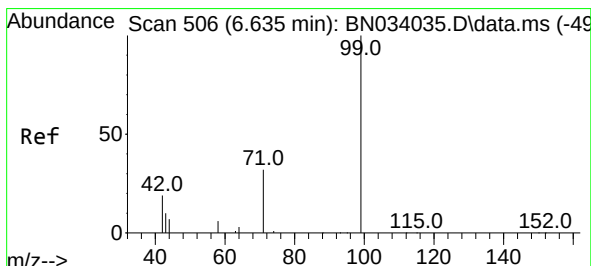
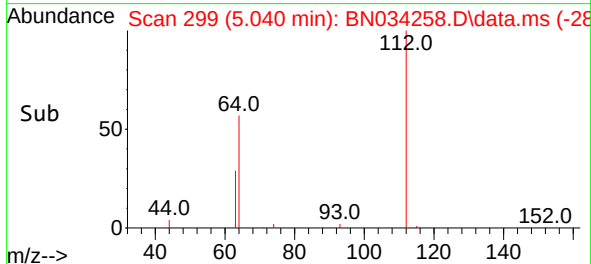
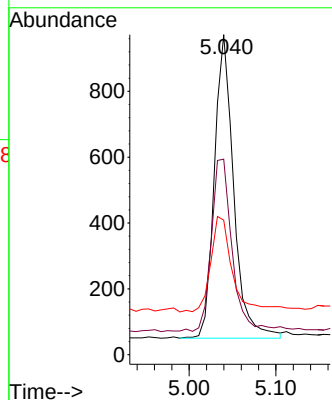
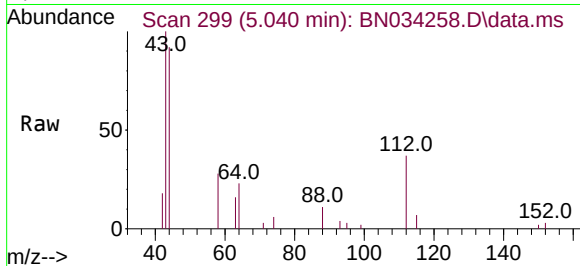




#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.040 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034258.D
Acq: 26 Sep 2024 23:23

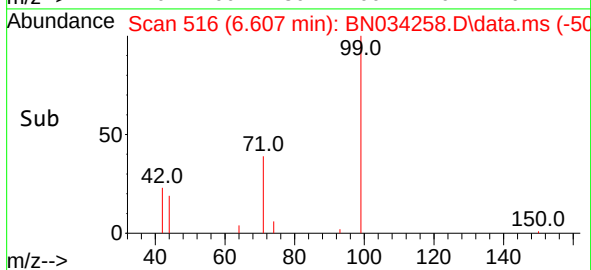
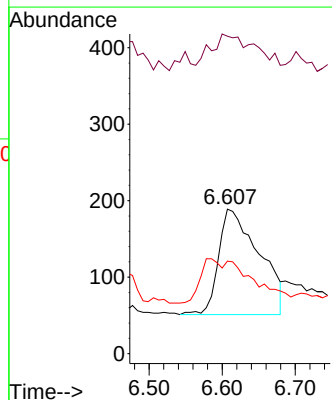
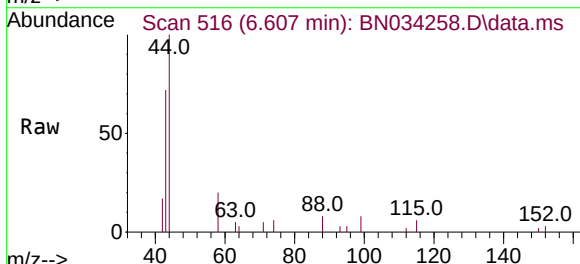
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20240923

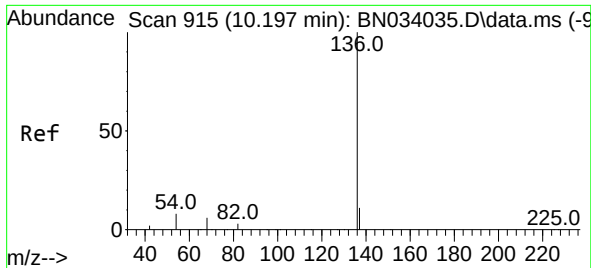
Tgt Ion: 112 Resp: 1427
Ion Ratio Lower Upper
112 100
64 60.7 48.6 72.8
63 34.9 25.6 38.4



#5
Phenol-d6
Concen: 0.034 ng
RT: 6.607 min Scan# 516
Delta R.T. 0.007 min
Lab File: BN034258.D
Acq: 26 Sep 2024 23:23

Tgt Ion: 99 Resp: 533
Ion Ratio Lower Upper
99 100
42 33.2 17.8 26.8#
71 0.0 26.2 39.2#

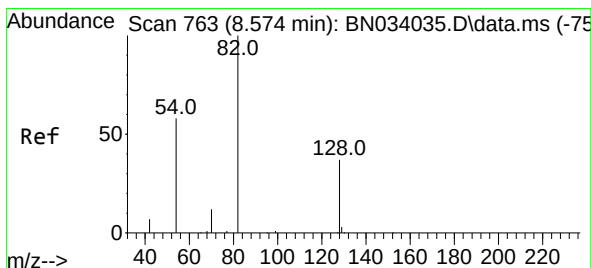
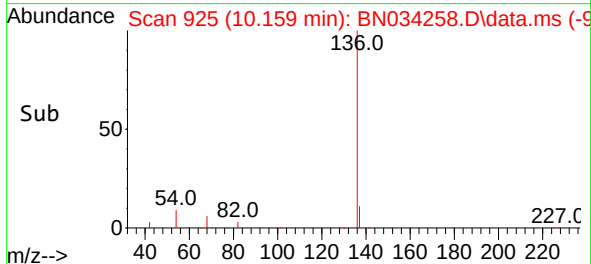
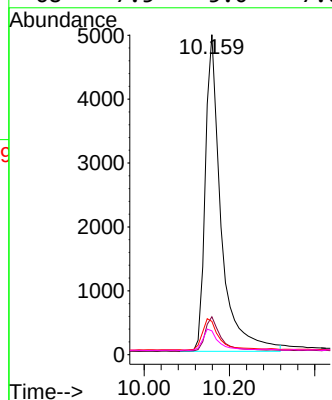
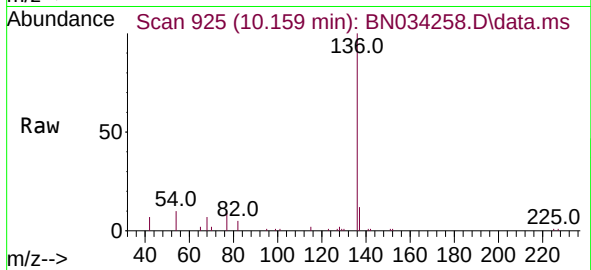




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034258.D
Acq: 26 Sep 2024 23:23

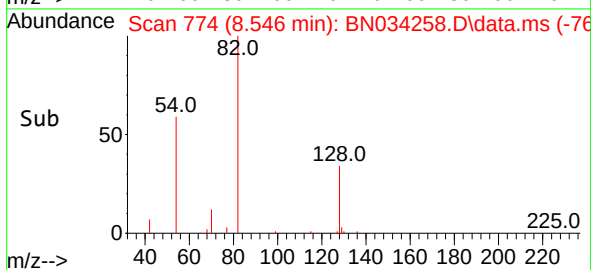
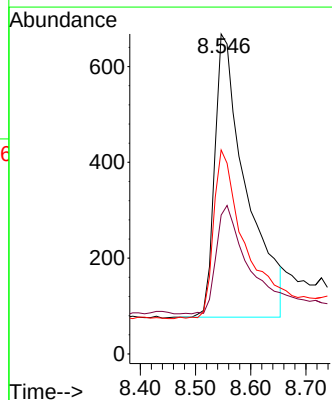
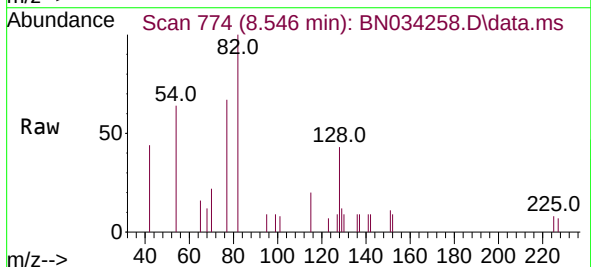
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20240923

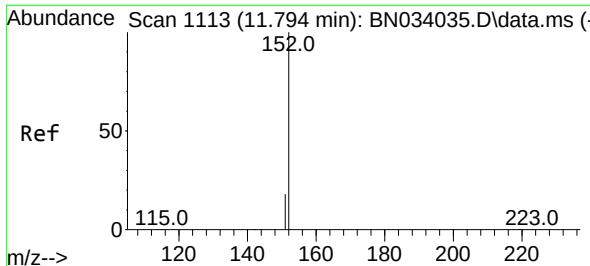
Tgt Ion:	136	Resp:	12729
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.0	13.6
54	10.4	6.8	10.2
68	7.5	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.239 ng
RT: 8.546 min Scan# 774
Delta R.T. 0.011 min
Lab File: BN034258.D
Acq: 26 Sep 2024 23:23

Tgt Ion:	82	Resp:	2323
Ion Ratio	Lower	Upper	
82	100		
128	43.4	31.4	47.2
54	63.8	47.4	71.0

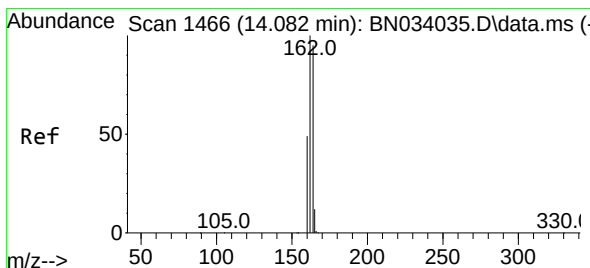
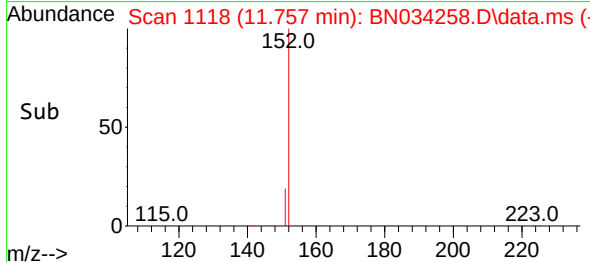
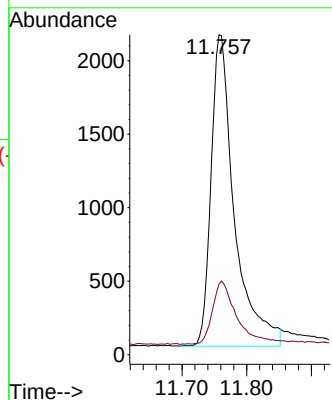
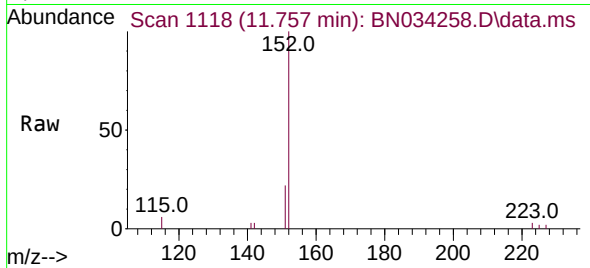




#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 11.757 min Scan# 1118
Delta R.T. 0.004 min
Lab File: BN034258.D
Acq: 26 Sep 2024 23:23

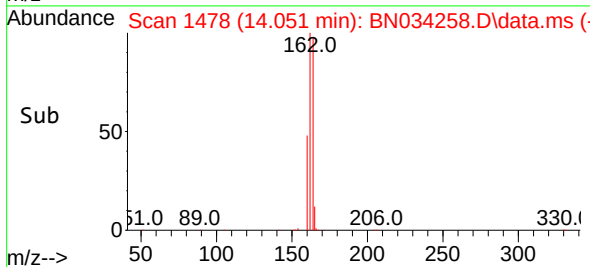
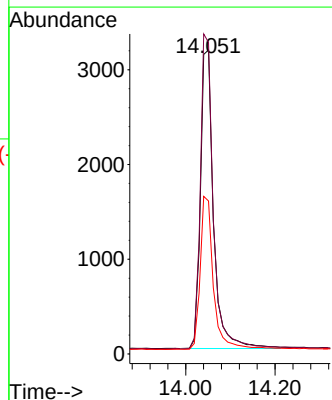
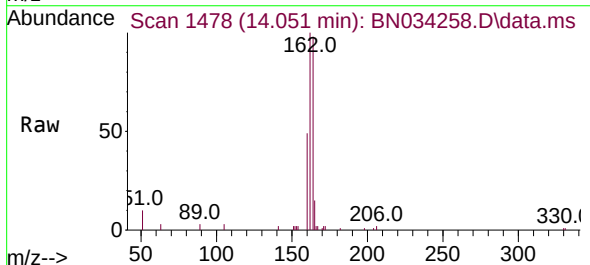
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20240923

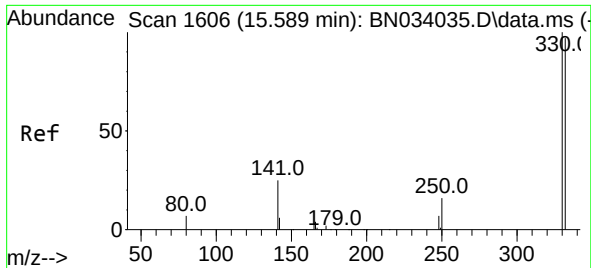
Tgt Ion:152 Resp: 5302
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.051 min Scan# 1478
Delta R.T. 0.004 min
Lab File: BN034258.D
Acq: 26 Sep 2024 23:23

Tgt Ion:164 Resp: 6455
Ion Ratio Lower Upper
164 100
162 102.5 84.2 126.2
160 50.3 41.7 62.5

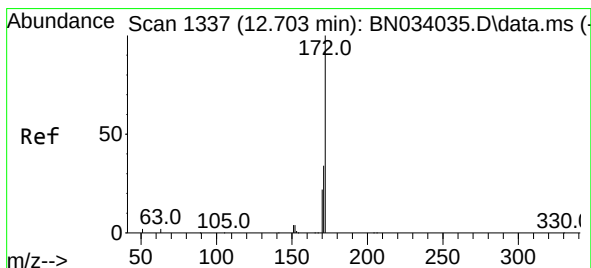
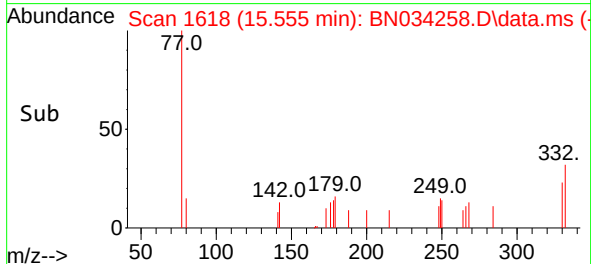
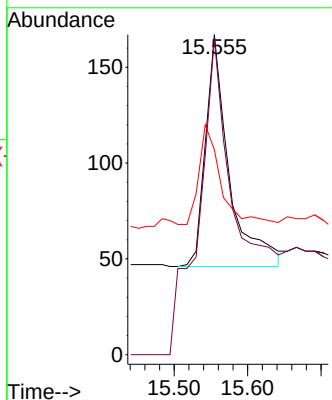
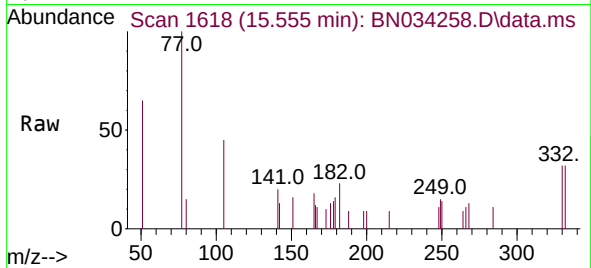




#14
2,4,6-Tribromophenol
Concen: 0.093 ng
RT: 15.555 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN034258.D
Acq: 26 Sep 2024 23:23

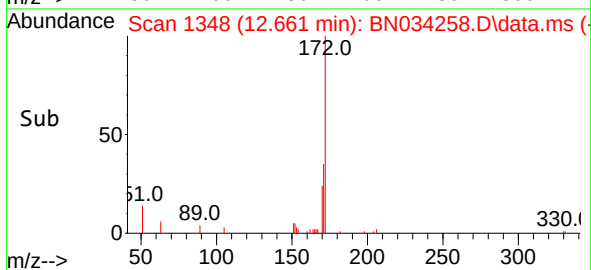
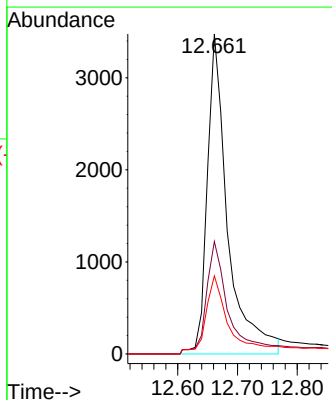
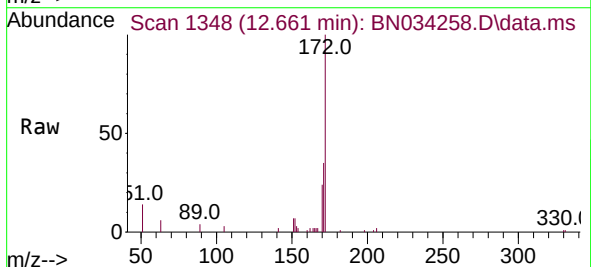
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20240923

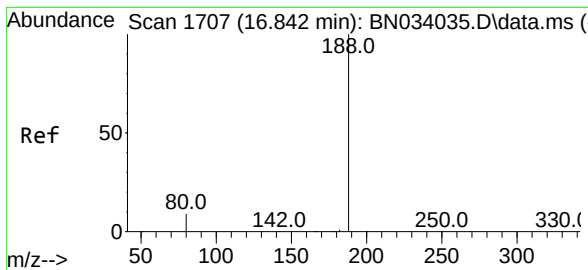
Tgt Ion:330 Resp: 272
Ion Ratio Lower Upper
330 100
332 236.4 77.4 116.0#
141 40.4 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 12.661 min Scan# 1348
Delta R.T. 0.004 min
Lab File: BN034258.D
Acq: 26 Sep 2024 23:23

Tgt Ion:172 Resp: 7646
Ion Ratio Lower Upper
172 100
171 35.2 27.3 40.9
170 24.4 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.808 min Scan# 11

Delta R.T. 0.006 min

Lab File: BN034258.D

Acq: 26 Sep 2024 23:23

Instrument :

BNA_N

ClientSampleId :

BPOW1-7-20240923

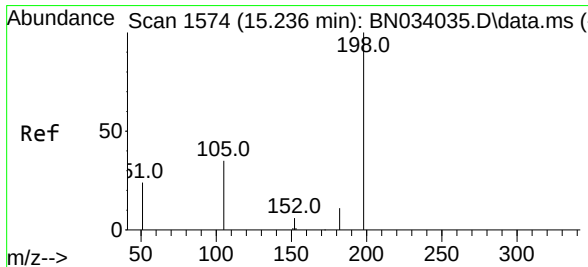
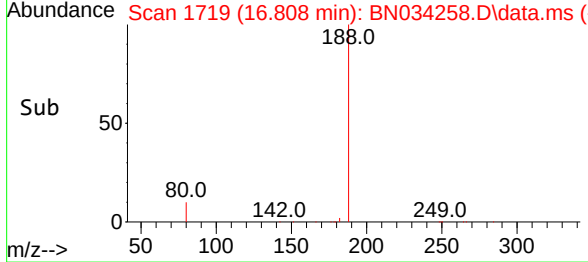
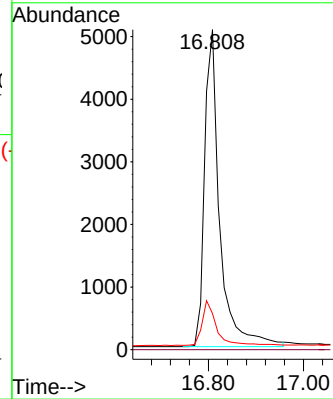
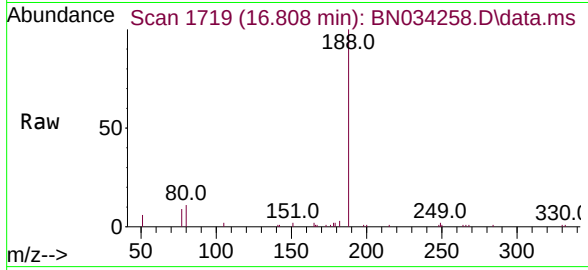
Tgt Ion:188 Resp: 11218

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 16.299 min Scan# 1678

Delta R.T. -0.007 min

Lab File: BN034258.D

Acq: 26 Sep 2024 23:23

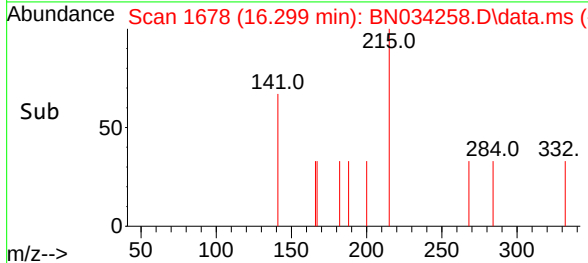
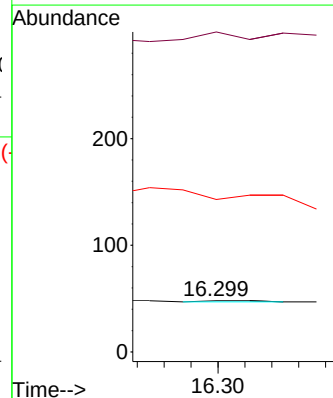
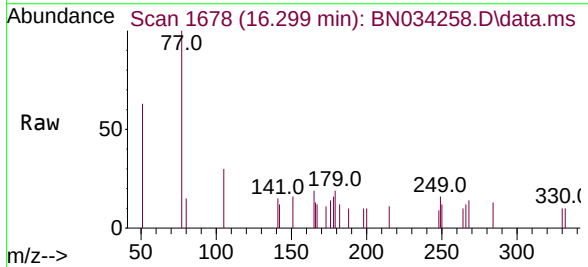
Tgt Ion:198 Resp: 1

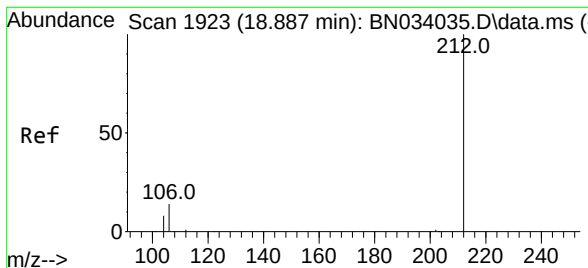
Ion Ratio Lower Upper

198 100

51 625.0 106.4 159.6#

105 297.9 38.5 57.7#





#27

Fluoranthene-d10

Concen: 0.378 ng

RT: 18.848 min Scan# 1929

Delta R.T. 0.002 min

Lab File: BN034258.D

Acq: 26 Sep 2024 23:23

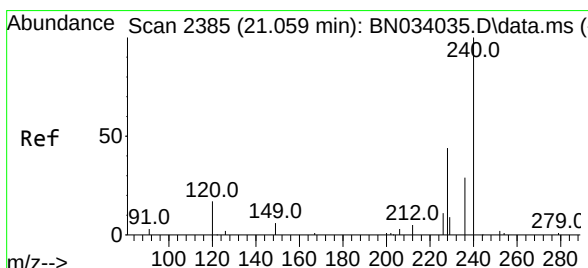
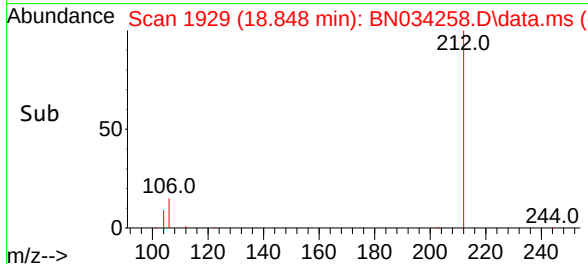
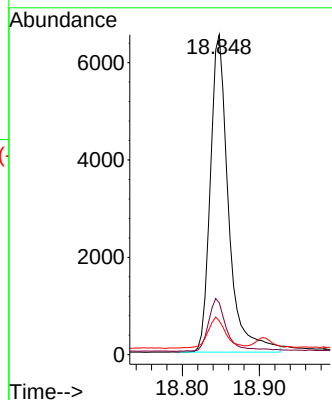
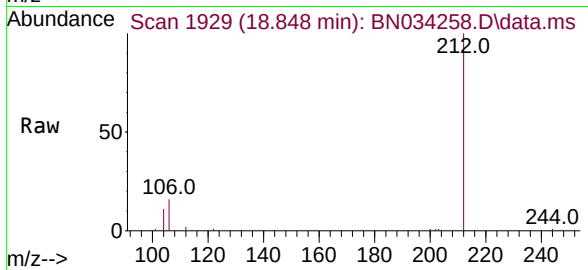
Instrument :

BNA_N

ClientSampleId :

BPOW1-7-20240923

Tgt Ion:	212	Resp:	10695
Ion Ratio	Lower	Upper	
212	100		
106	16.8	13.4	20.2
104	9.9	7.8	11.6



#29

Chrysene-d12

Concen: 0.400 ng

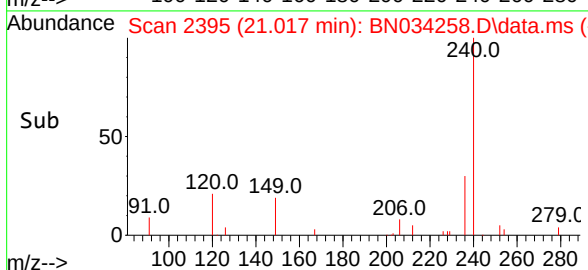
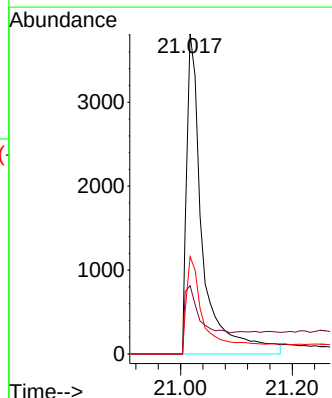
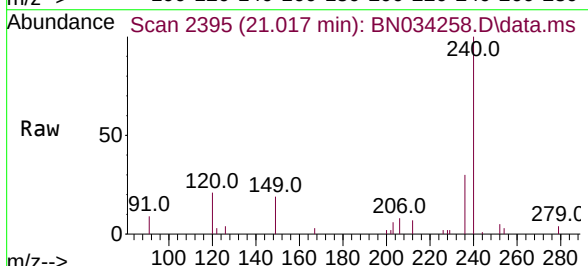
RT: 21.017 min Scan# 2395

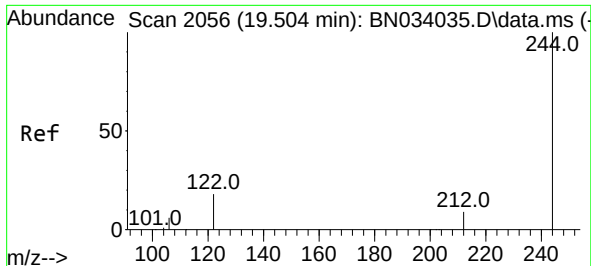
Delta R.T. 0.002 min

Lab File: BN034258.D

Acq: 26 Sep 2024 23:23

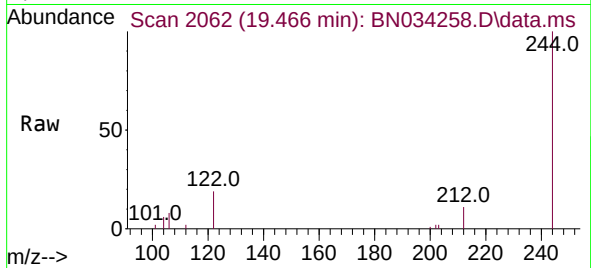
Tgt Ion:	240	Resp:	7450
Ion Ratio	Lower	Upper	
240	100		
120	21.3	13.5	20.3
236	30.4	23.4	35.0



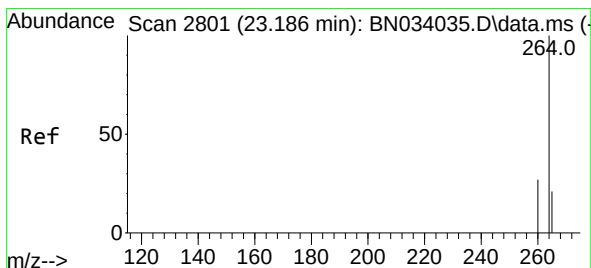
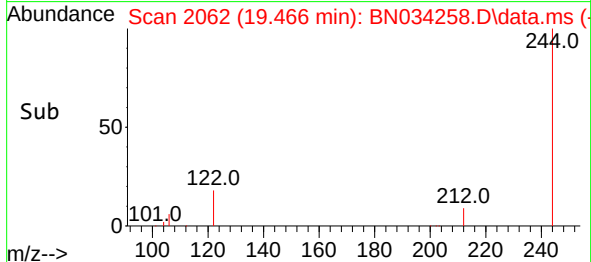
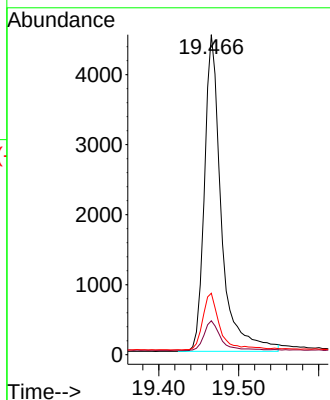


#31
Terphenyl-d14
Concen: 0.447 ng
RT: 19.466 min Scan# 2062
Delta R.T. -0.002 min
Lab File: BN034258.D
Acq: 26 Sep 2024 23:23

Instrument :
BNA_N
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Tgt Ion:244 Resp: 6649
Ion Ratio Lower Upper
244 100
212 10.6 7.8 11.6
122 19.2 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.130 min Scan# 2798
Delta R.T. 0.002 min
Lab File: BN034258.D
Acq: 26 Sep 2024 23:23

Tgt Ion:264 Resp: 7231
Ion Ratio Lower Upper
264 100
260 26.7 21.7 32.5
265 113.1 52.1 78.1#

