

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036634.D
 Acq On : 15 Mar 2025 09:11
 Operator : RC/JU
 Sample : PB167128BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167128BL

Quant Time: Mar 17 00:34:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

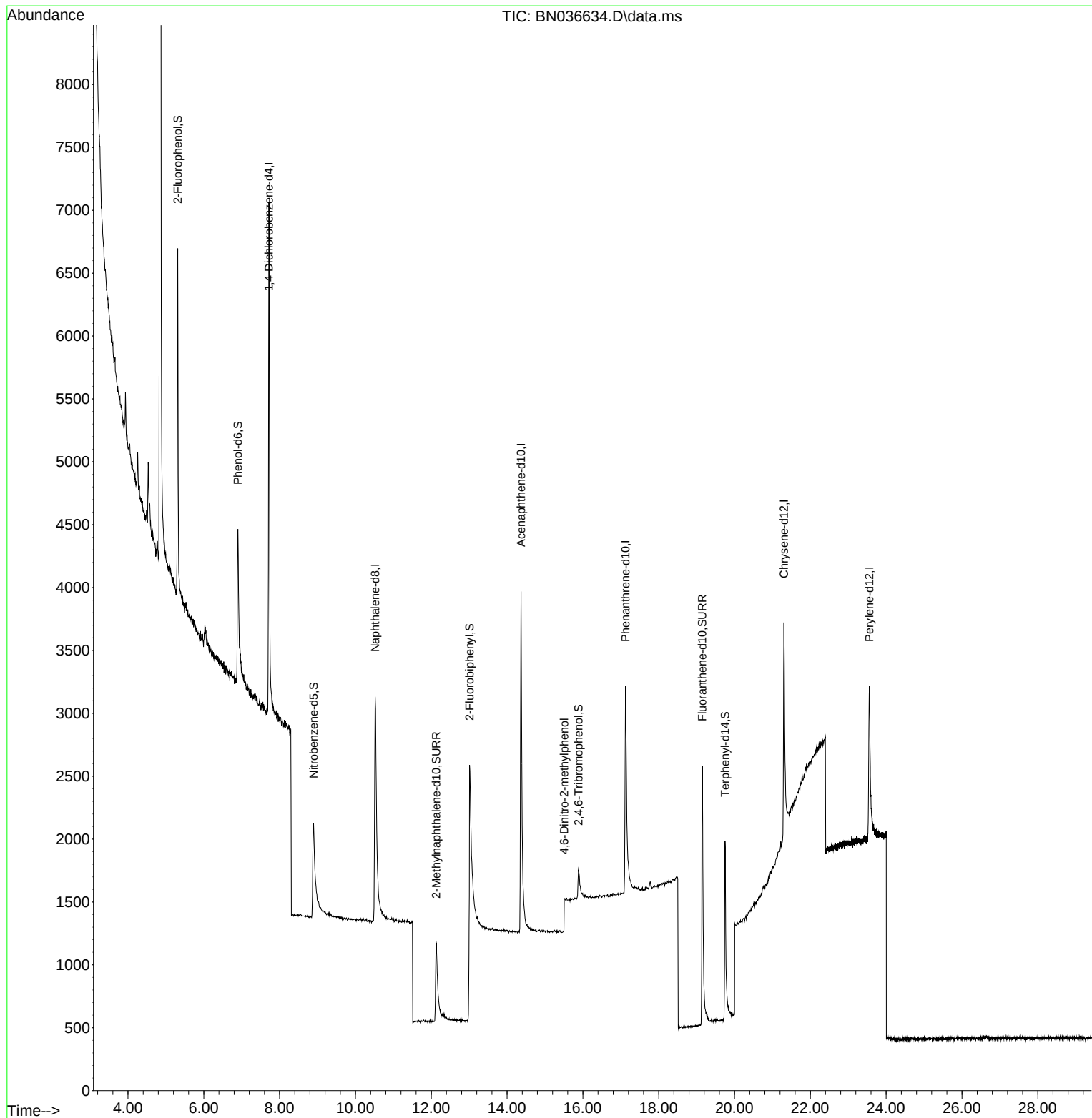
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2323	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	4860	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2639	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	4474	0.400	ng	# 0.01
29) Chrysene-d12	21.304	240	2905	0.400	ng	# 0.00
35) Perylene-d12	23.557	264	2592	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	2034	0.376	ng	0.00
5) Phenol-d6	6.901	99	1984	0.297	ng	0.00
8) Nitrobenzene-d5	8.896	82	1564	0.296	ng	0.02
11) 2-Methylnaphthalene-d10	12.131	152	2134	0.295	ng	0.02
14) 2,4,6-Tribromophenol	15.882	330	294	0.246	ng	0.02
15) 2-Fluorobiphenyl	13.008	172	2981	0.194	ng	0.02
27) Fluoranthene-d10	19.150	212	4087	0.356	ng	0.00
31) Terphenyl-d14	19.749	244	2553	0.367	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.510	198	1	0.147	ng	# 15

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

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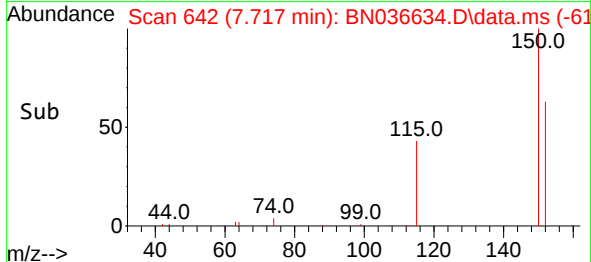
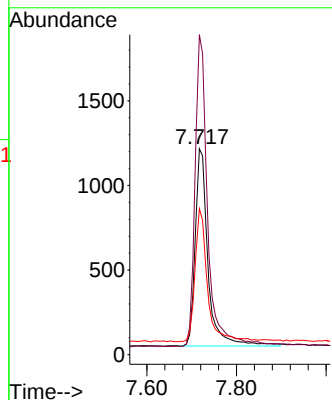
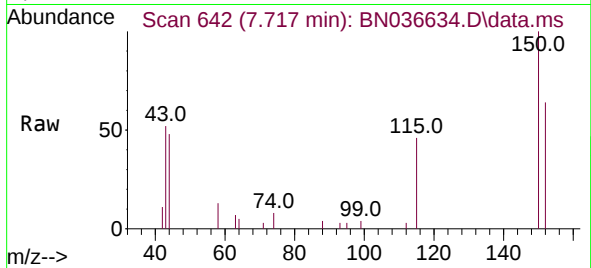




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036634.D
Acq: 15 Mar 2025 09:11

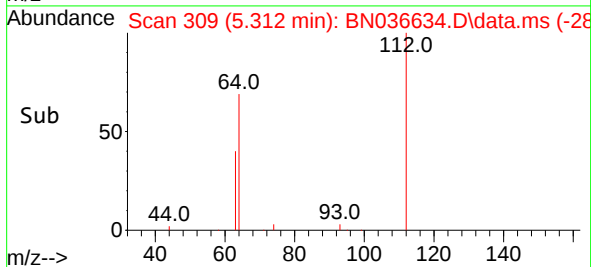
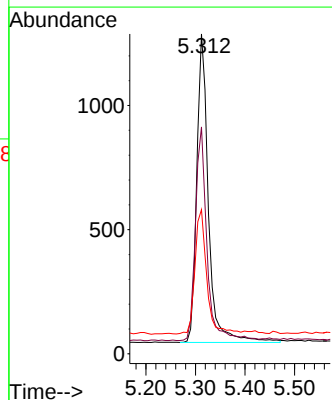
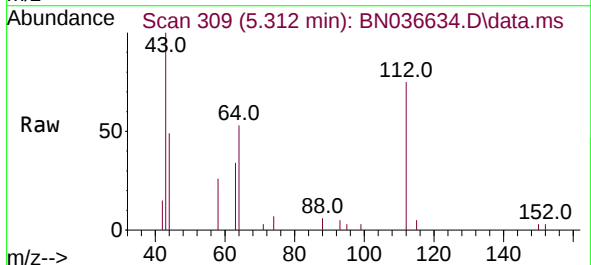
Instrument :
BNA_N
ClientSampleId :
PB167128BL

Tgt Ion:152 Resp: 2323
Ion Ratio Lower Upper
152 100
150 155.4 123.7 185.5
115 70.8 54.3 81.5



#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN036634.D
Acq: 15 Mar 2025 09:11

Tgt Ion:112 Resp: 2034
Ion Ratio Lower Upper
112 100
64 68.0 53.1 79.7
63 40.6 31.8 47.8

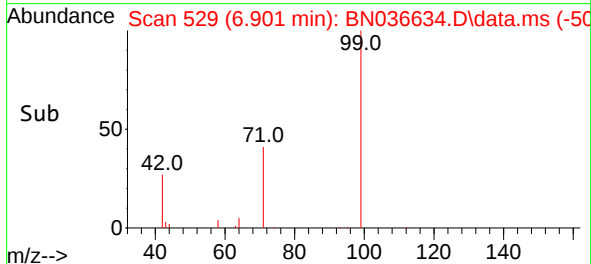
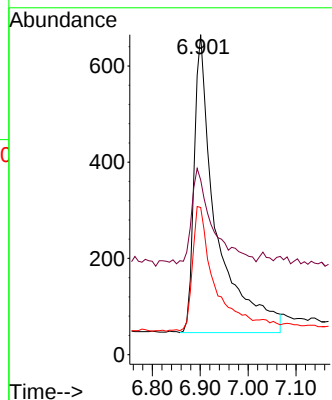
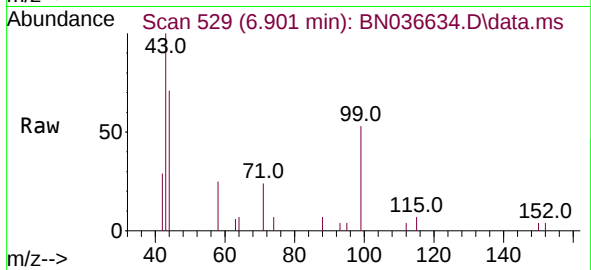




#5
Phenol-d6
Concen: 0.297 ng
RT: 6.901 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN036634.D
Acq: 15 Mar 2025 09:11

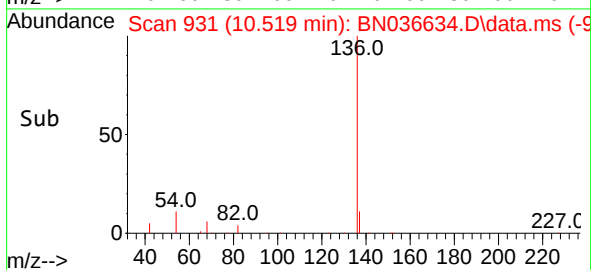
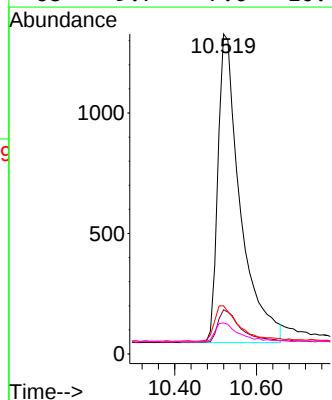
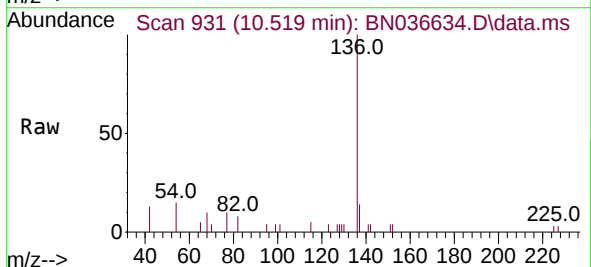
Instrument :
BNA_N
ClientSampleId :
PB167128BL

Tgt Ion: 99 Resp: 1984
Ion Ratio Lower Upper
99 100
42 29.9 26.5 39.7
71 41.4 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036634.D
Acq: 15 Mar 2025 09:11

Tgt Ion: 136 Resp: 4860
Ion Ratio Lower Upper
136 100
137 13.8 10.3 15.5
54 15.1 11.5 17.3
68 9.7 7.0 10.4

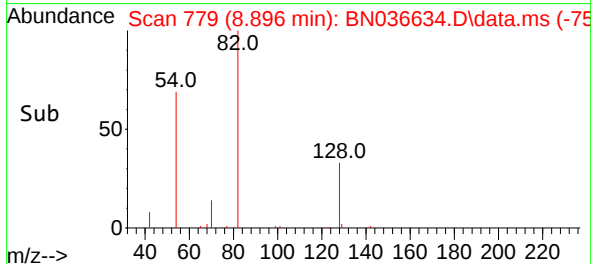
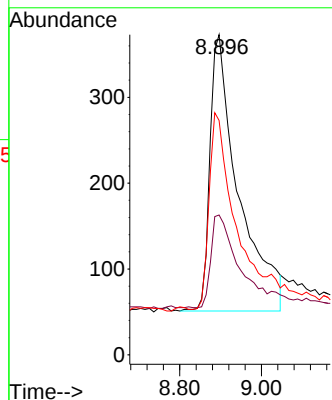
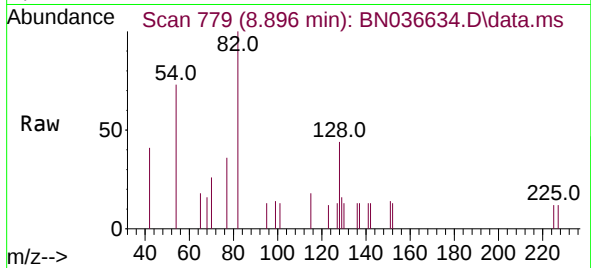




#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.896 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN036634.D
Acq: 15 Mar 2025 09:11

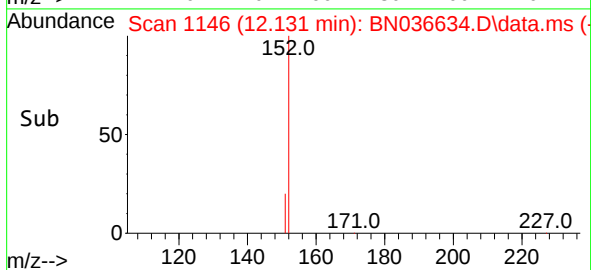
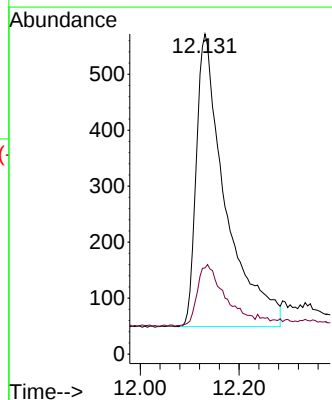
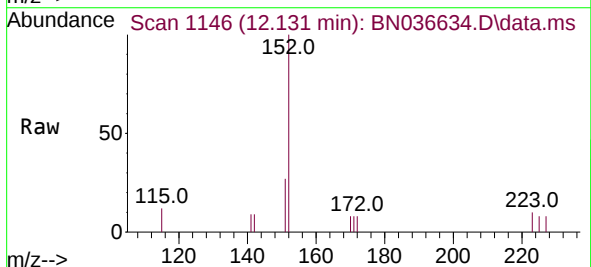
Instrument :
BNA_N
ClientSampleId :
PB167128BL

Tgt Ion: 82 Resp: 1564
Ion Ratio Lower Upper
82 100
128 43.7 30.6 45.8
54 73.2 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 12.131 min Scan# 1146
Delta R.T. 0.020 min
Lab File: BN036634.D
Acq: 15 Mar 2025 09:11

Tgt Ion: 152 Resp: 2134
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.6

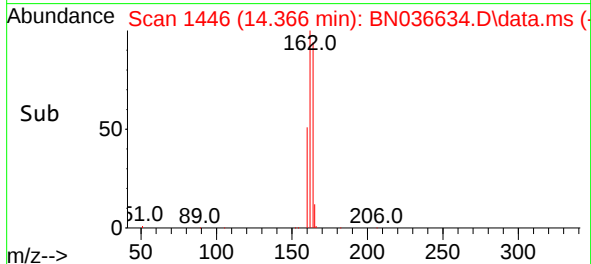
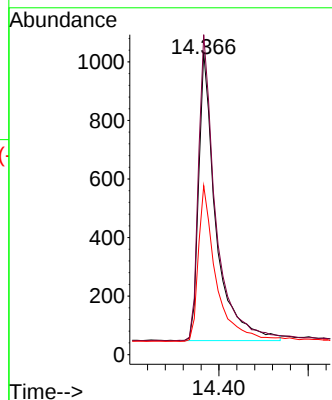
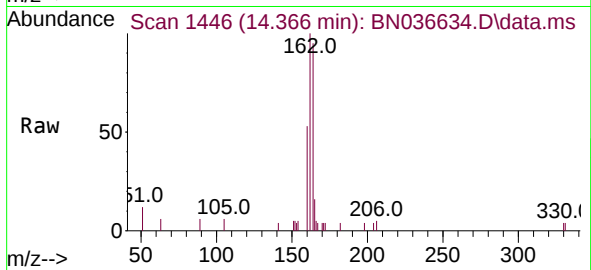




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN036634.D
Acq: 15 Mar 2025 09:11

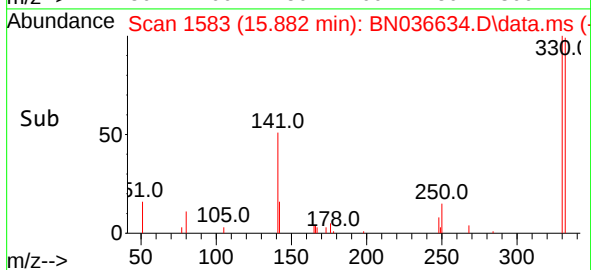
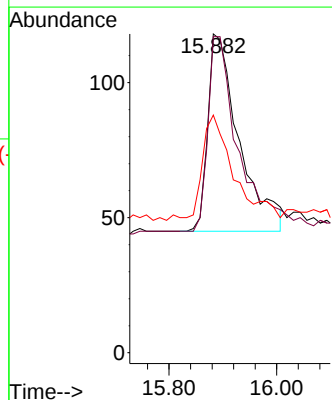
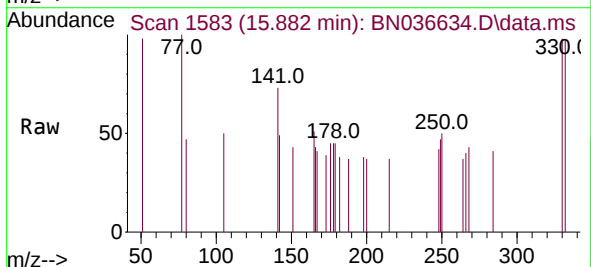
Instrument :
BNA_N
ClientSampleId :
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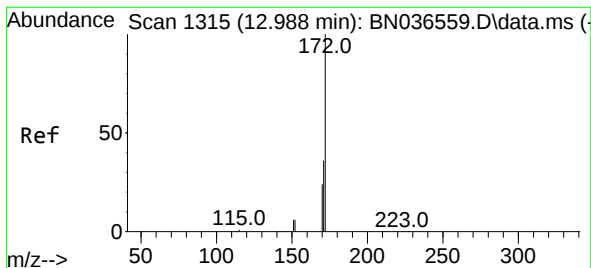
Tgt Ion:164 Resp: 2639
Ion Ratio Lower Upper
164 100
162 105.8 84.2 126.2
160 55.9 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.882 min Scan# 1583
Delta R.T. 0.025 min
Lab File: BN036634.D
Acq: 15 Mar 2025 09:11

Tgt Ion:330 Resp: 294
Ion Ratio Lower Upper
330 100
332 94.6 75.2 112.8
141 54.4 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.194 ng

RT: 13.008 min Scan# 1319

Delta R.T. 0.020 min

Lab File: BN036634.D

Acq: 15 Mar 2025 09:11

Instrument :

BNA_N

ClientSampleId :

PB167128BL

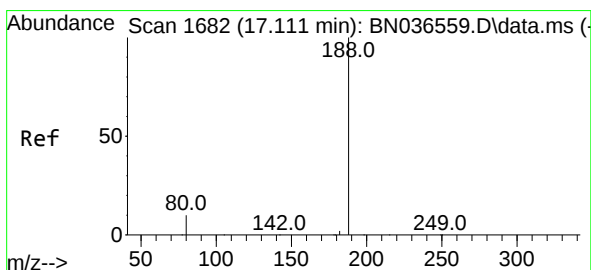
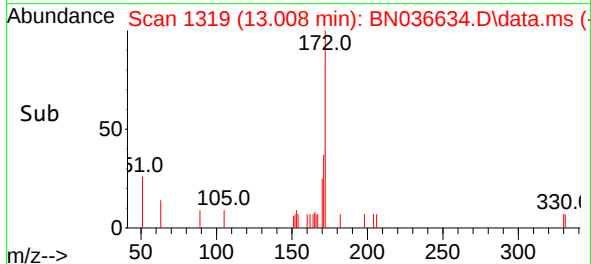
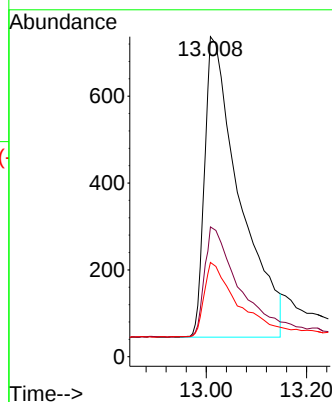
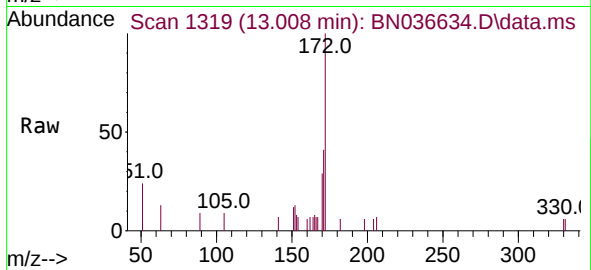
Tgt Ion:172 Resp: 2981

Ion Ratio Lower Upper

172 100

171 40.6 29.5 44.3

170 29.4 20.2 30.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.124 min Scan# 1683

Delta R.T. 0.012 min

Lab File: BN036634.D

Acq: 15 Mar 2025 09:11

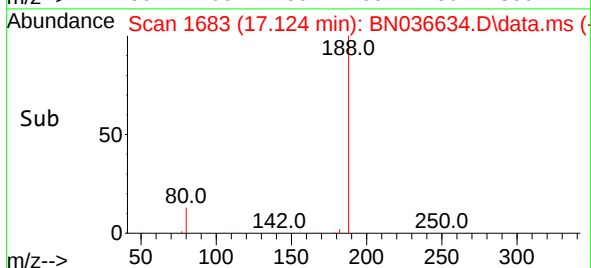
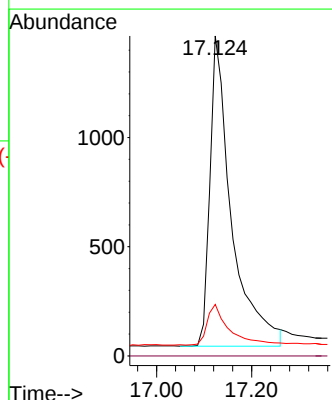
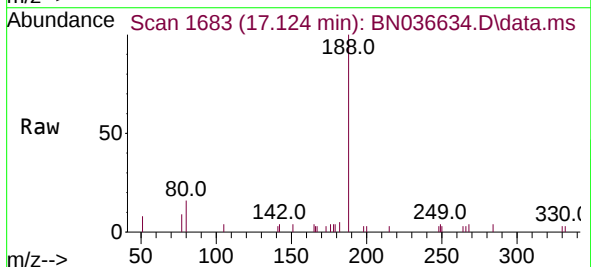
Tgt Ion:188 Resp: 4474

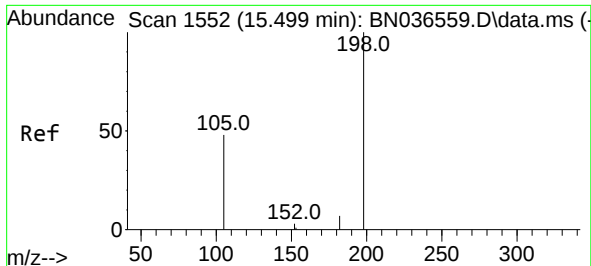
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.1 8.8 13.2#

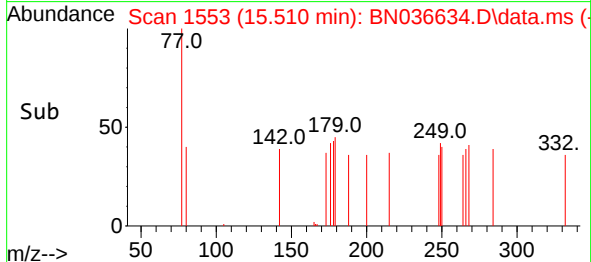
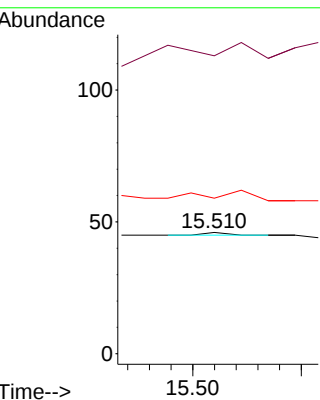
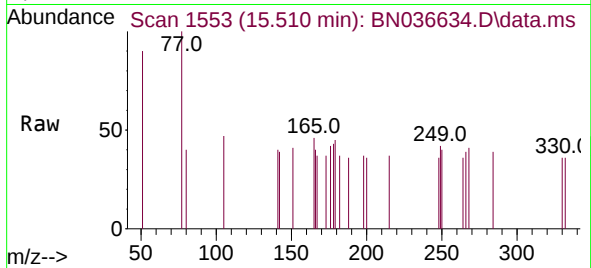




#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.510 min Scan# 1553
Delta R.T. 0.011 min
Lab File: BN036634.D
Acq: 15 Mar 2025 09:11

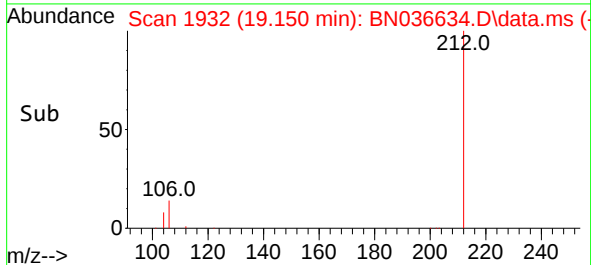
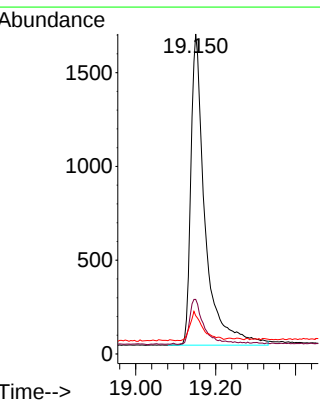
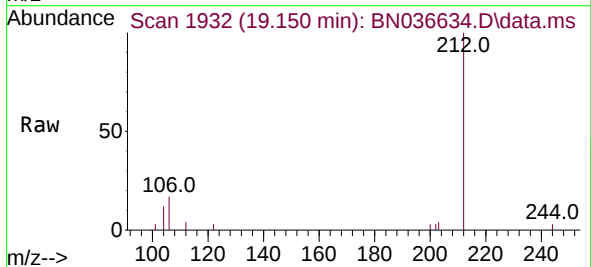
Instrument :
BNA_N
ClientSampleId :
PB167128BL

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 245.7 107.9 161.9#
105 128.3 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.150 min Scan# 1932
Delta R.T. 0.009 min
Lab File: BN036634.D
Acq: 15 Mar 2025 09:11

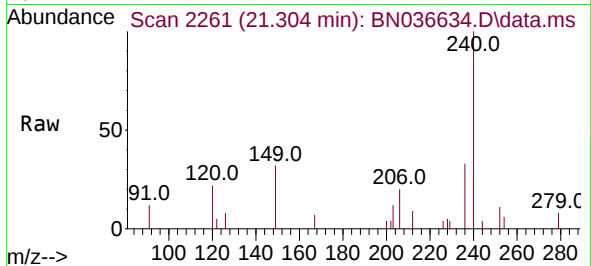
Tgt Ion:212 Resp: 4087
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.6
104 8.3 7.3 10.9



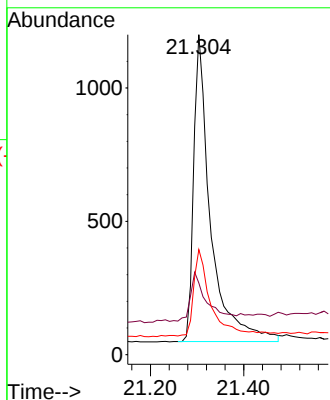
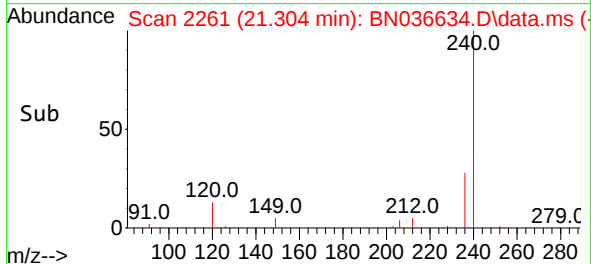


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN036634.D
Acq: 15 Mar 2025 09:11

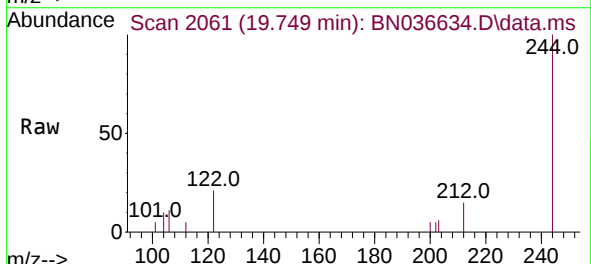
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BNA_N
ClientSampleId :
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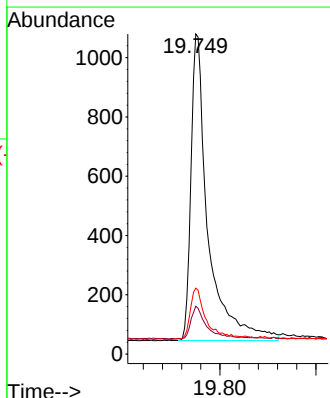
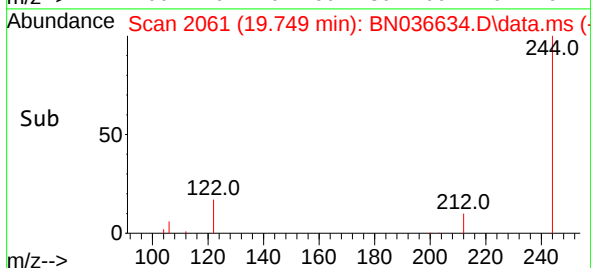
Tgt Ion:240 Resp: 2905
Ion Ratio Lower Upper
240 100
120 22.4 14.6 22.0#
236 32.8 24.1 36.1

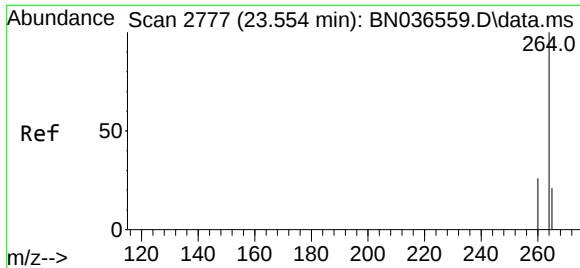


#31
Terphenyl-d14
Concen: 0.367 ng
RT: 19.749 min Scan# 2061
Delta R.T. 0.005 min
Lab File: BN036634.D
Acq: 15 Mar 2025 09:11



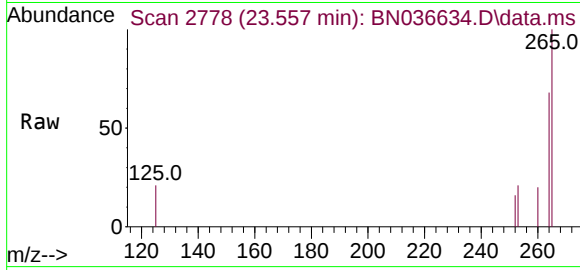
Tgt Ion:244 Resp: 2553
Ion Ratio Lower Upper
244 100
212 14.9 9.6 14.4#
122 20.6 13.9 20.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.557 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN036634.D
 Acq: 15 Mar 2025 09:11

Instrument :
 BNA_N
 ClientSampleId :
 PB167128BL



Tgt Ion:264 Resp: 2592
 Ion Ratio Lower Upper
 264 100
 260 29.1 22.6 33.8
 265 148.1 88.1 132.1#

