

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041425\
 Data File : BN036908.D
 Acq On : 14 Apr 2025 20:04
 Operator : RC/JU
 Sample : Q1741-01DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66-040425DL

Quant Time: Apr 15 01:04:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:58:02 2025
 Response via : Initial Calibration

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

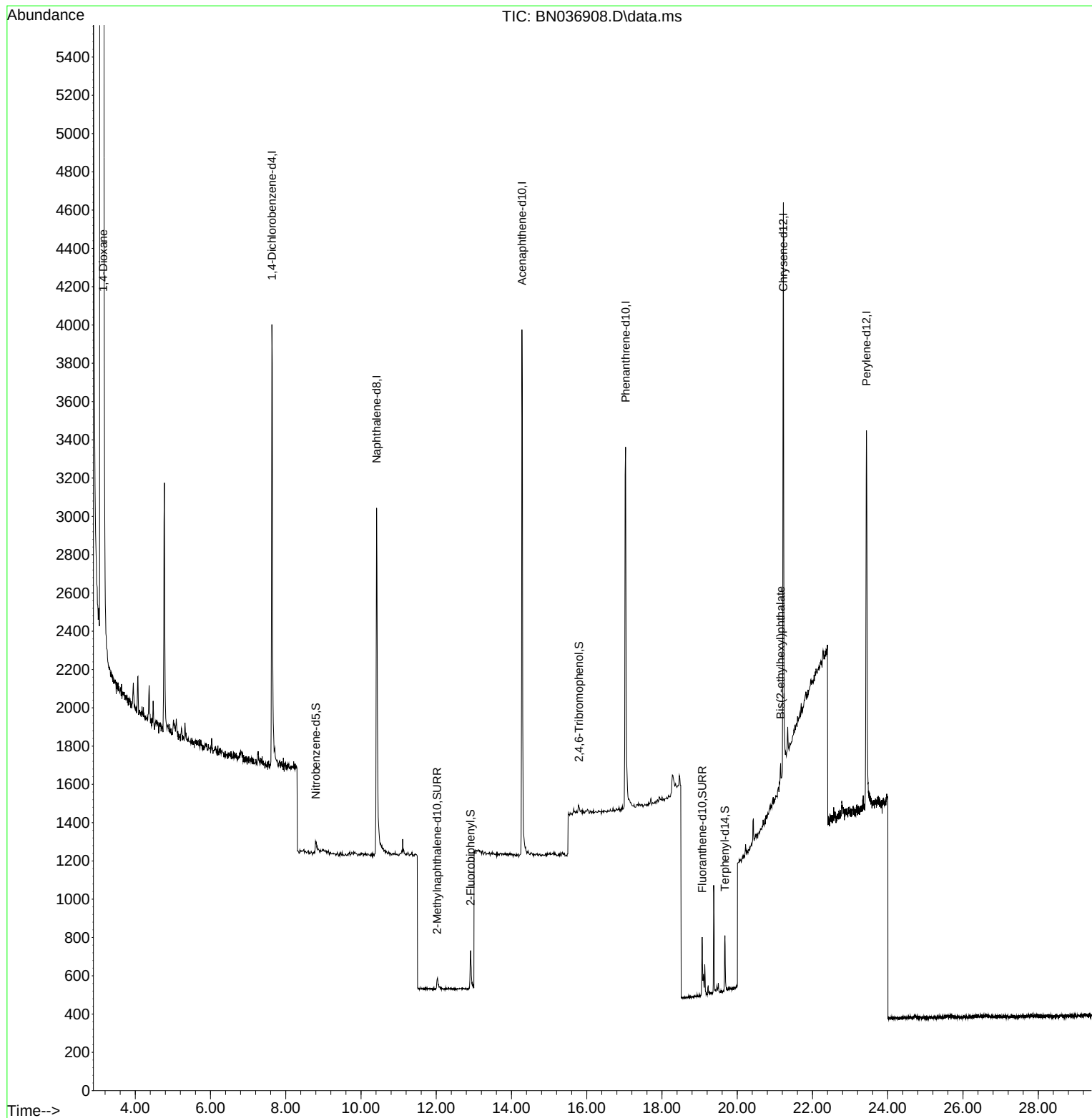
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	1215	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	2952	0.400	ng	# 0.00
13) Acenaphthene-d10	14.277	164	1740	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	3461	0.400	ng	0.00
29) Chrysene-d12	21.224	240	2948	0.400	ng	0.00
35) Perylene-d12	23.433	264	2817	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	50	0.017	ng	0.00
5) Phenol-d6	6.817	99	42	0.012	ng	0.00
8) Nitrobenzene-d5	8.803	82	103	0.031	ng	0.02
11) 2-Methylnaphthalene-d10	12.026	152	144	0.033	ng	0.02
14) 2,4,6-Tribromophenol	15.792	330	37	0.044	ng	0.01
15) 2-Fluorobiphenyl	12.914	172	322	0.038	ng	0.01
27) Fluoranthene-d10	19.068	212	384	0.042	ng	0.00
31) Terphenyl-d14	19.672	244	311	0.048	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.148	88	4200	3.023	ng	99
34) Bis(2-ethylhexyl)phtha...	21.153	149	201	0.033	ng	# 76

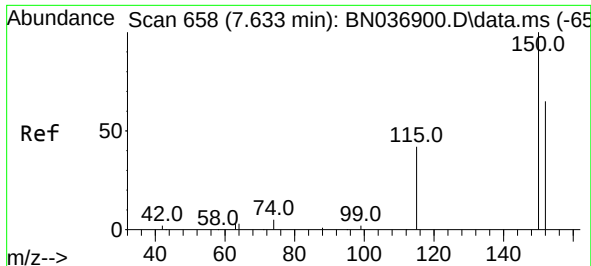
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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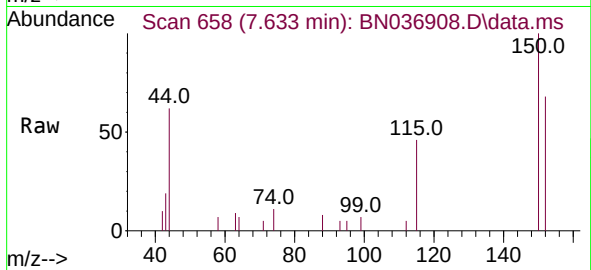
Quant Time: Apr 15 01:04:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041425.M
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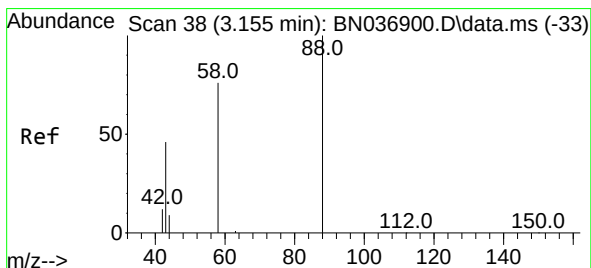
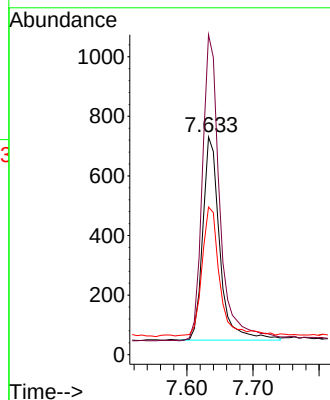
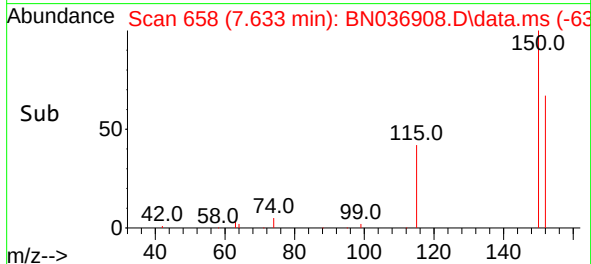


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036908.D
 Acq: 14 Apr 2025 20:04

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66-040425DL

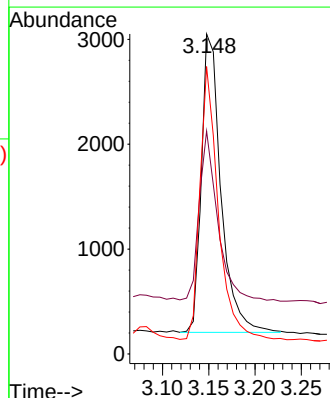
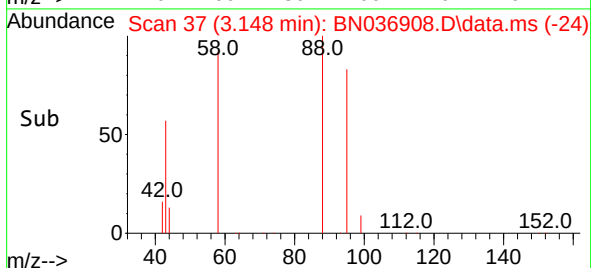
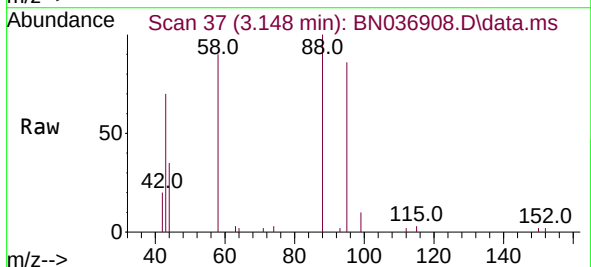


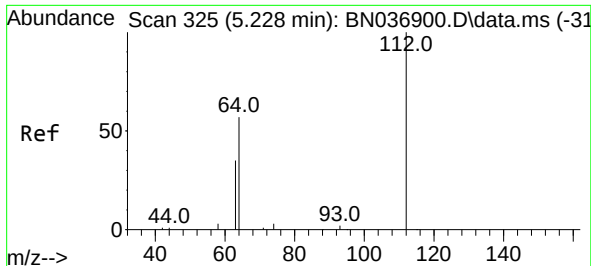
Tgt Ion:152 Resp: 1215
 Ion Ratio Lower Upper
 152 100
 150 146.9 121.4 182.2
 115 67.9 55.4 83.2



#2
 1,4-Dioxane
 Concen: 3.023 ng
 RT: 3.148 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN036908.D
 Acq: 14 Apr 2025 20:04

Tgt Ion: 88 Resp: 4200
 Ion Ratio Lower Upper
 88 100
 43 54.1 44.0 66.0
 58 85.4 67.8 101.6

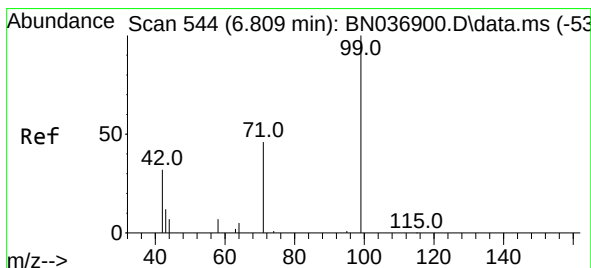
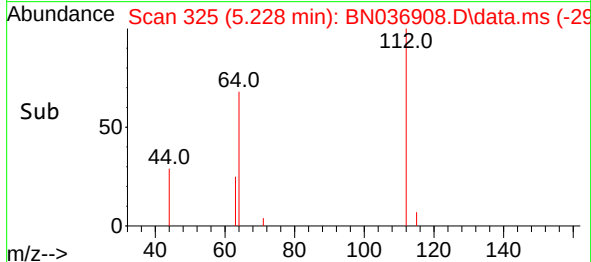
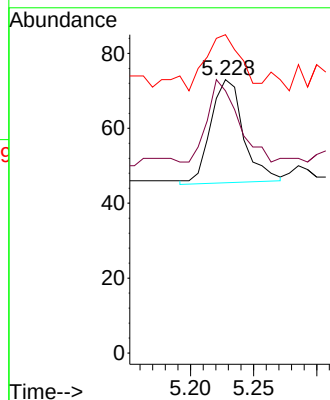
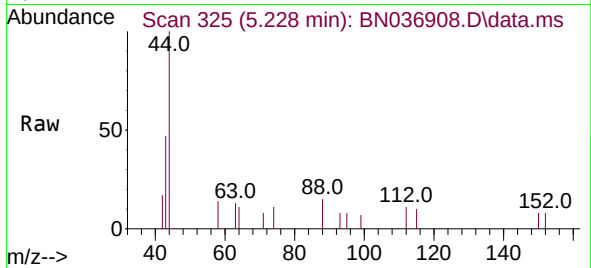




#4
2-Fluorophenol
Concen: 0.017 ng
RT: 5.228 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN036908.D
Acq: 14 Apr 2025 20:04

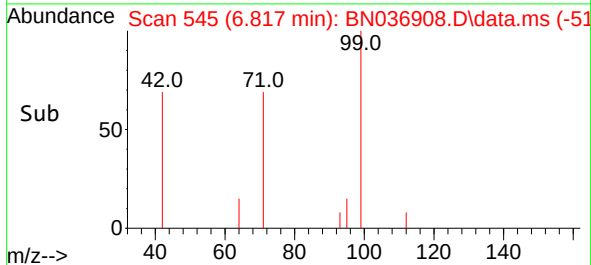
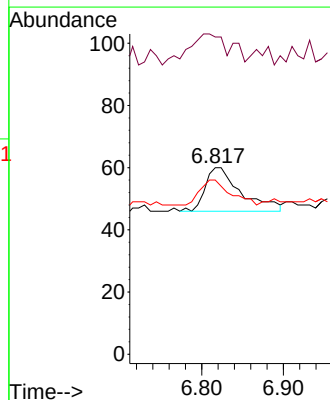
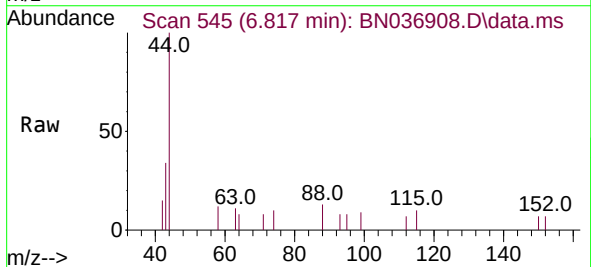
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-040425DL

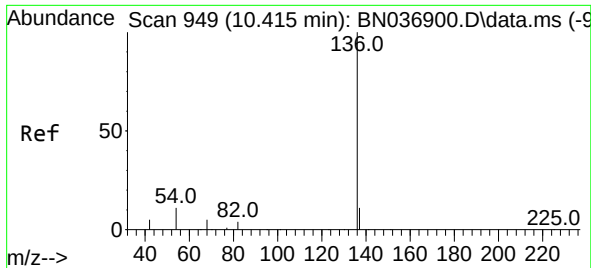
Tgt Ion:112 Resp: 50
Ion Ratio Lower Upper
112 100
64 74.0 54.4 81.6
63 58.0 35.1 52.7#



#5
Phenol-d6
Concen: 0.012 ng
RT: 6.817 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN036908.D
Acq: 14 Apr 2025 20:04

Tgt Ion: 99 Resp: 42
Ion Ratio Lower Upper
99 100
42 85.7 30.6 45.8#
71 47.6 38.0 57.0

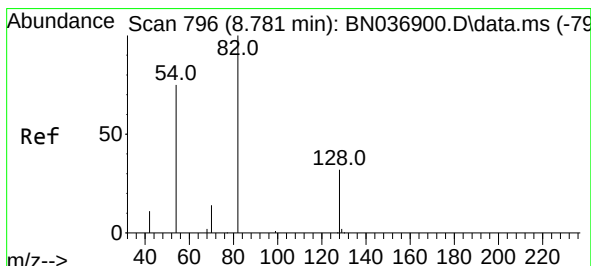
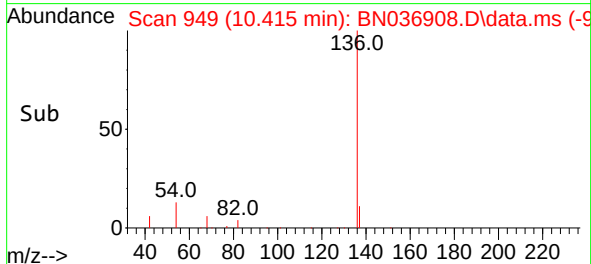
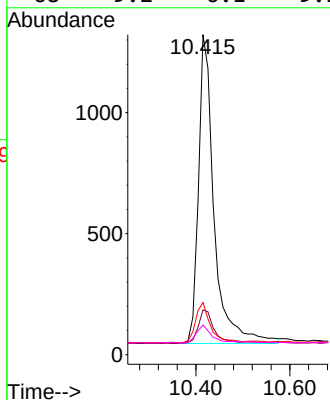
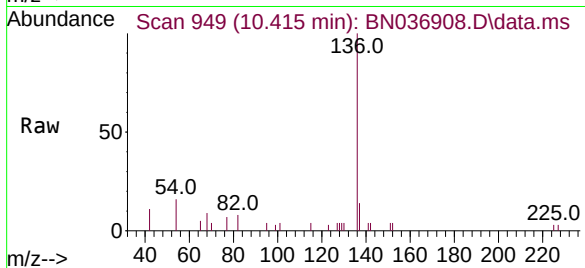




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036908.D
Acq: 14 Apr 2025 20:04

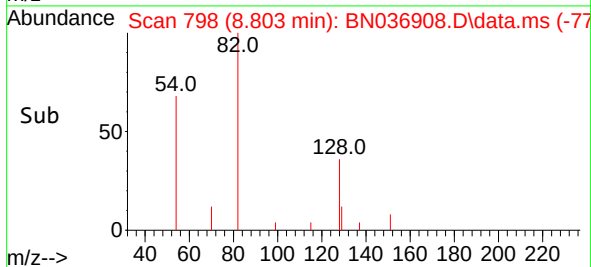
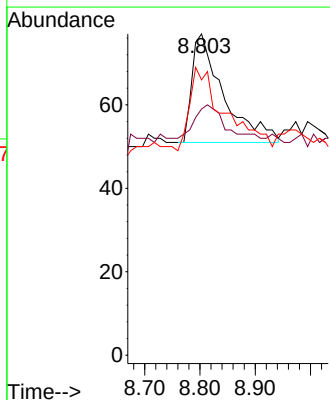
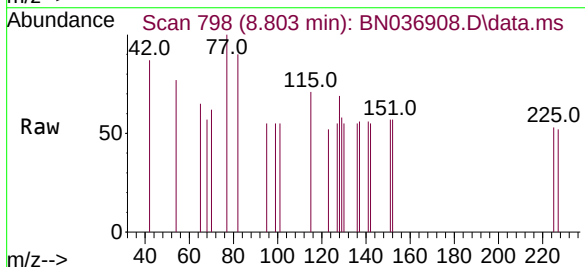
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-040425DL

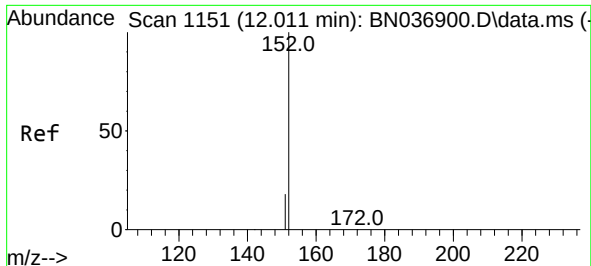
Tgt Ion:	136	Resp:	2952
Ion	Ratio	Lower	Upper
136	100		
137	14.0	10.6	15.8
54	16.3	10.6	16.0#
68	9.2	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.031 ng
RT: 8.803 min Scan# 798
Delta R.T. 0.021 min
Lab File: BN036908.D
Acq: 14 Apr 2025 20:04

Tgt Ion:	82	Resp:	103
Ion	Ratio	Lower	Upper
82	100		
128	76.6	29.0	43.4#
54	85.7	60.8	91.2

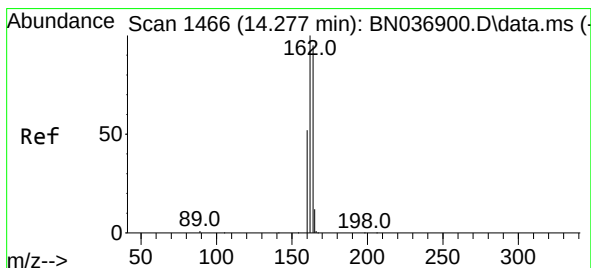
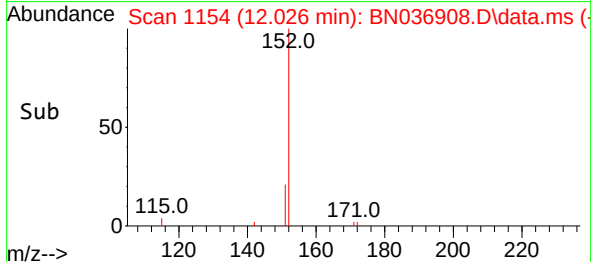
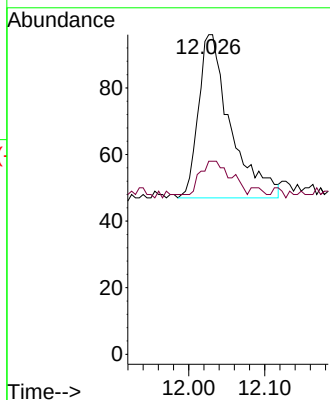
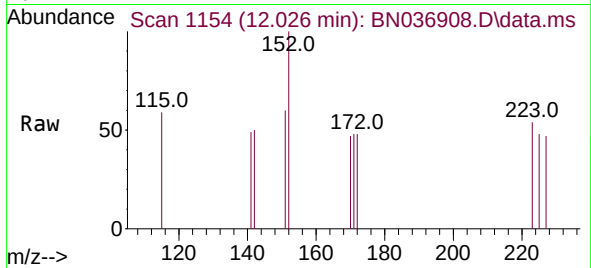




#11
2-Methylnaphthalene-d10
Concen: 0.033 ng
RT: 12.026 min Scan# 1154
Delta R.T. 0.015 min
Lab File: BN036908.D
Acq: 14 Apr 2025 20:04

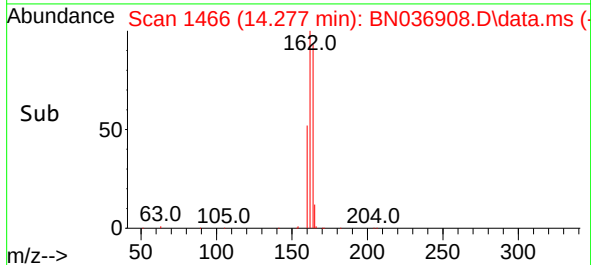
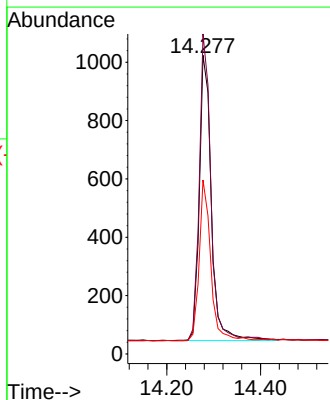
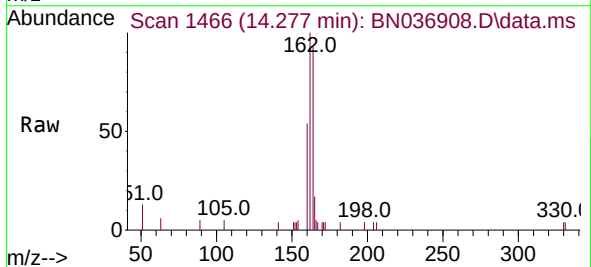
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-040425DL

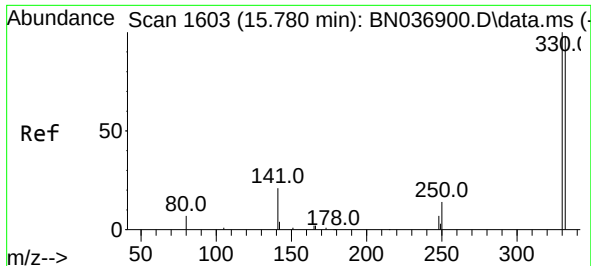
Tgt Ion:152 Resp: 144
Ion Ratio Lower Upper
152 100
151 18.8 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN036908.D
Acq: 14 Apr 2025 20:04

Tgt Ion:164 Resp: 1740
Ion Ratio Lower Upper
164 100
162 107.1 83.8 125.8
160 58.2 44.7 67.1

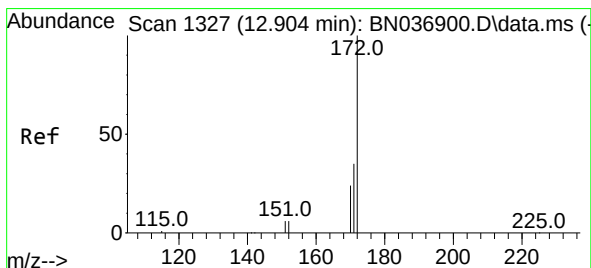
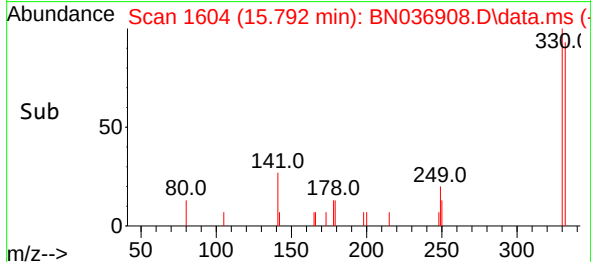
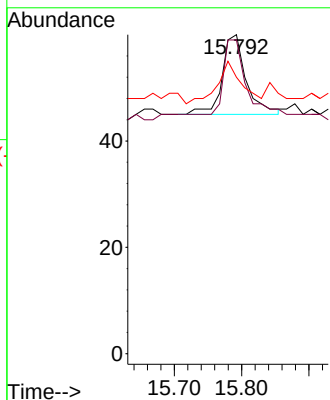
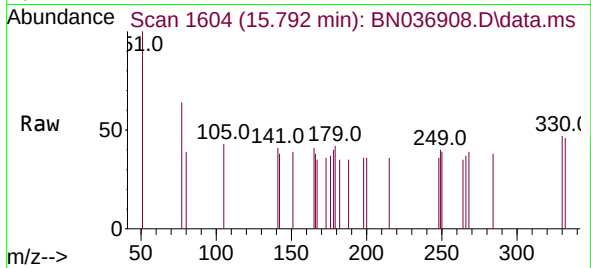




#14
2,4,6-Tribromophenol
Concen: 0.044 ng
RT: 15.792 min Scan# 1604
Delta R.T. 0.012 min
Lab File: BN036908.D
Acq: 14 Apr 2025 20:04

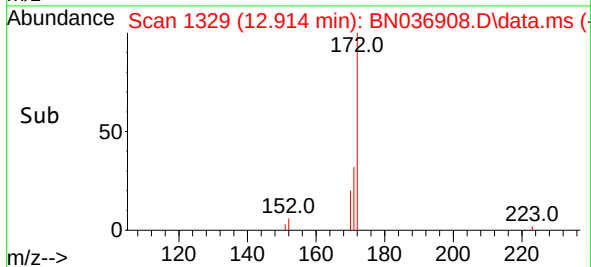
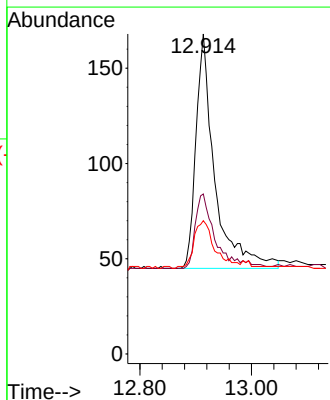
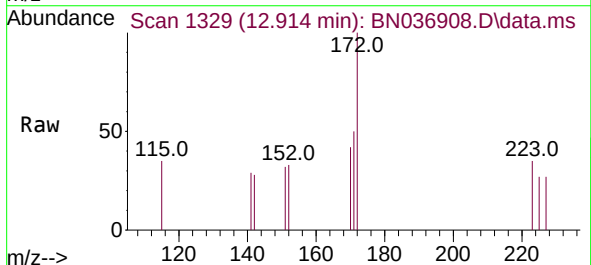
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ClientSampleId :
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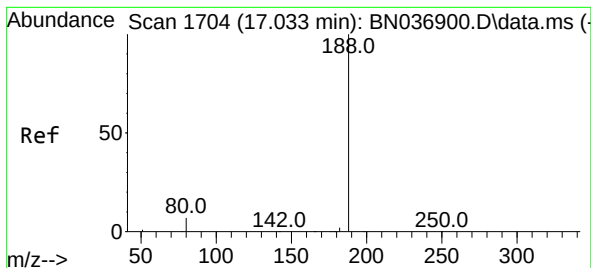
Tgt Ion:330 Resp: 37
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 54.1 44.5 66.7



#15
2-Fluorobiphenyl
Concen: 0.038 ng
RT: 12.914 min Scan# 1329
Delta R.T. 0.010 min
Lab File: BN036908.D
Acq: 14 Apr 2025 20:04

Tgt Ion:172 Resp: 322
Ion Ratio Lower Upper
172 100
171 50.0 29.2 43.8#
170 41.7 20.5 30.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.033 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN036908.D

Acq: 14 Apr 2025 20:04

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66-040425DL

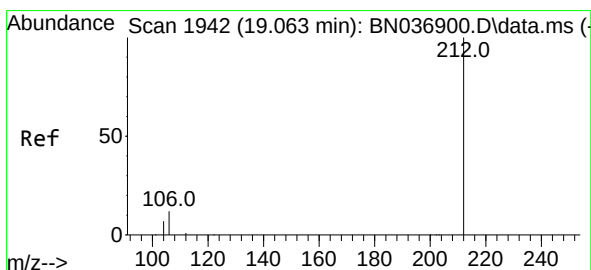
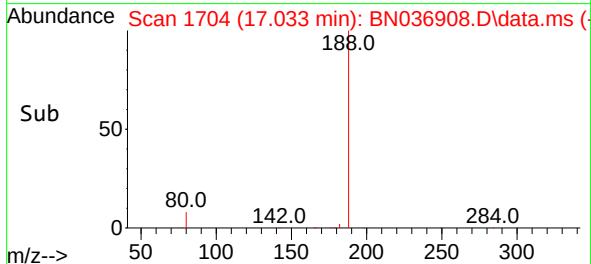
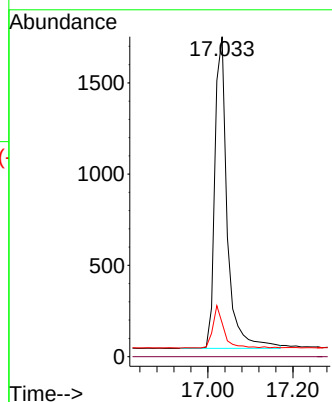
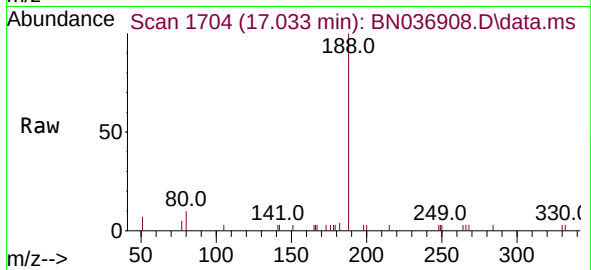
Tgt Ion:188 Resp: 3461

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 7.1 10.7



#27

Fluoranthene-d10

Concen: 0.042 ng

RT: 19.068 min Scan# 1943

Delta R.T. 0.005 min

Lab File: BN036908.D

Acq: 14 Apr 2025 20:04

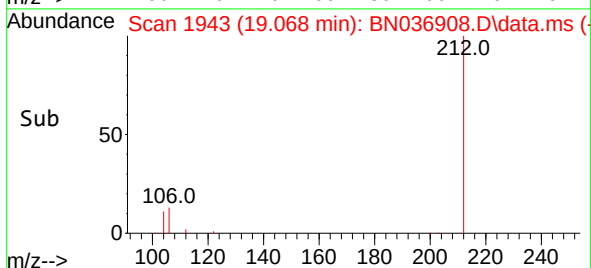
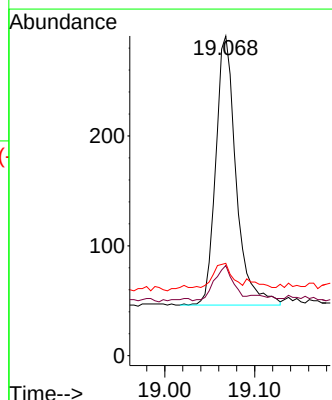
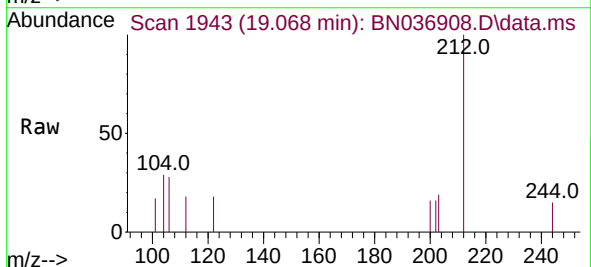
Tgt Ion:212 Resp: 384

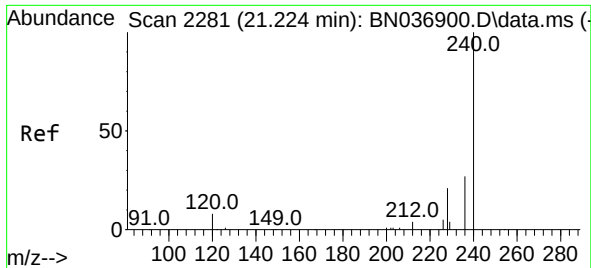
Ion Ratio Lower Upper

212 100

106 12.2 10.6 15.8

104 8.3 6.6 10.0

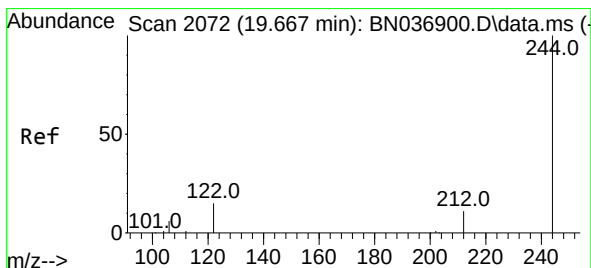
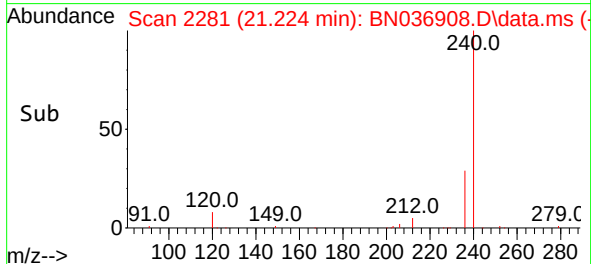
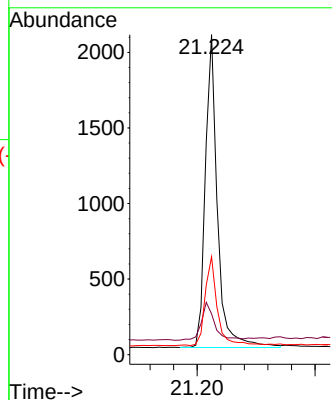
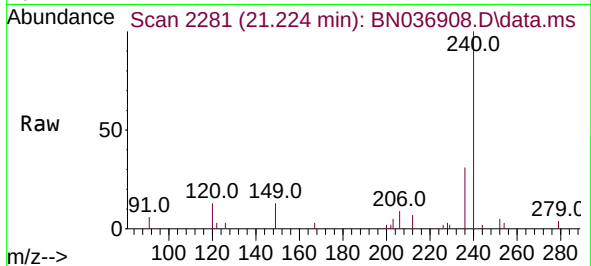




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.224 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036908.D
Acq: 14 Apr 2025 20:04

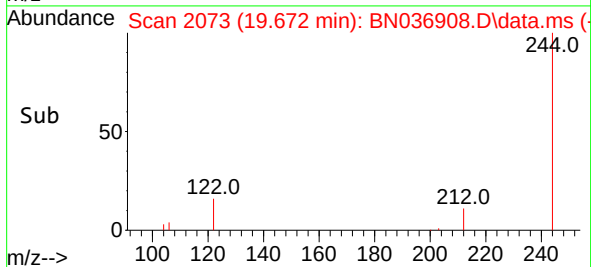
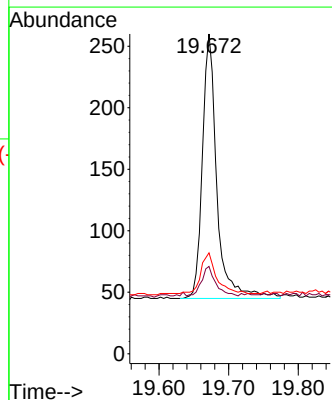
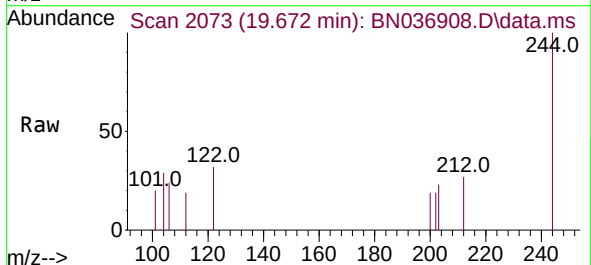
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RMW-02B-66-040425DL

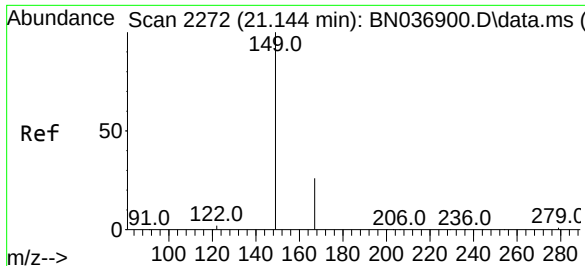
Tgt Ion:240 Resp: 2948
Ion Ratio Lower Upper
240 100
120 12.8 9.8 14.6
236 30.6 23.1 34.7



#31
Terphenyl-d14
Concen: 0.048 ng
RT: 19.672 min Scan# 2073
Delta R.T. 0.005 min
Lab File: BN036908.D
Acq: 14 Apr 2025 20:04

Tgt Ion:244 Resp: 311
Ion Ratio Lower Upper
244 100
212 27.3 10.1 15.1#
122 31.5 13.6 20.4#

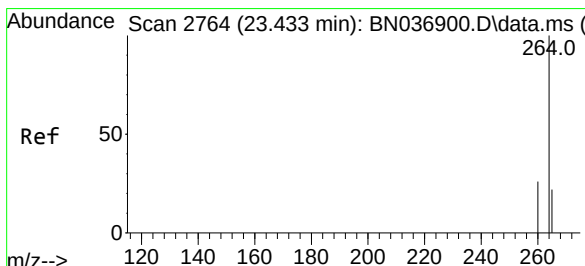
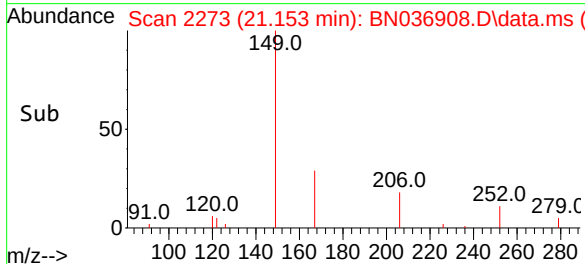
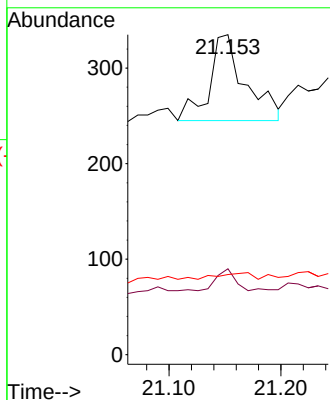
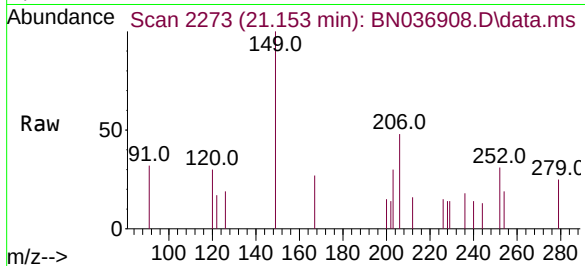




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 21.153 min Scan# 21153
 Delta R.T. 0.009 min
 Lab File: BN036908.D
 Acq: 14 Apr 2025 20:04

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66-040425DL

Tgt Ion:149 Resp: 201
 Ion Ratio Lower Upper
 149 100
 167 13.9 21.7 32.5#
 279 7.5 3.0 4.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.433 min Scan# 2764
 Delta R.T. -0.000 min
 Lab File: BN036908.D
 Acq: 14 Apr 2025 20:04

Tgt Ion:264 Resp: 2817
 Ion Ratio Lower Upper
 264 100
 260 28.1 22.3 33.5
 265 77.7 57.6 86.4

