

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
 Data File : BN036849.D
 Acq On : 07 Apr 2025 10:22
 Operator : RC/JU
 Sample : Q1731-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90-040325DL

Quant Time: Apr 07 10:46:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 04 17:30:43 2025
 Response via : Initial Calibration

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

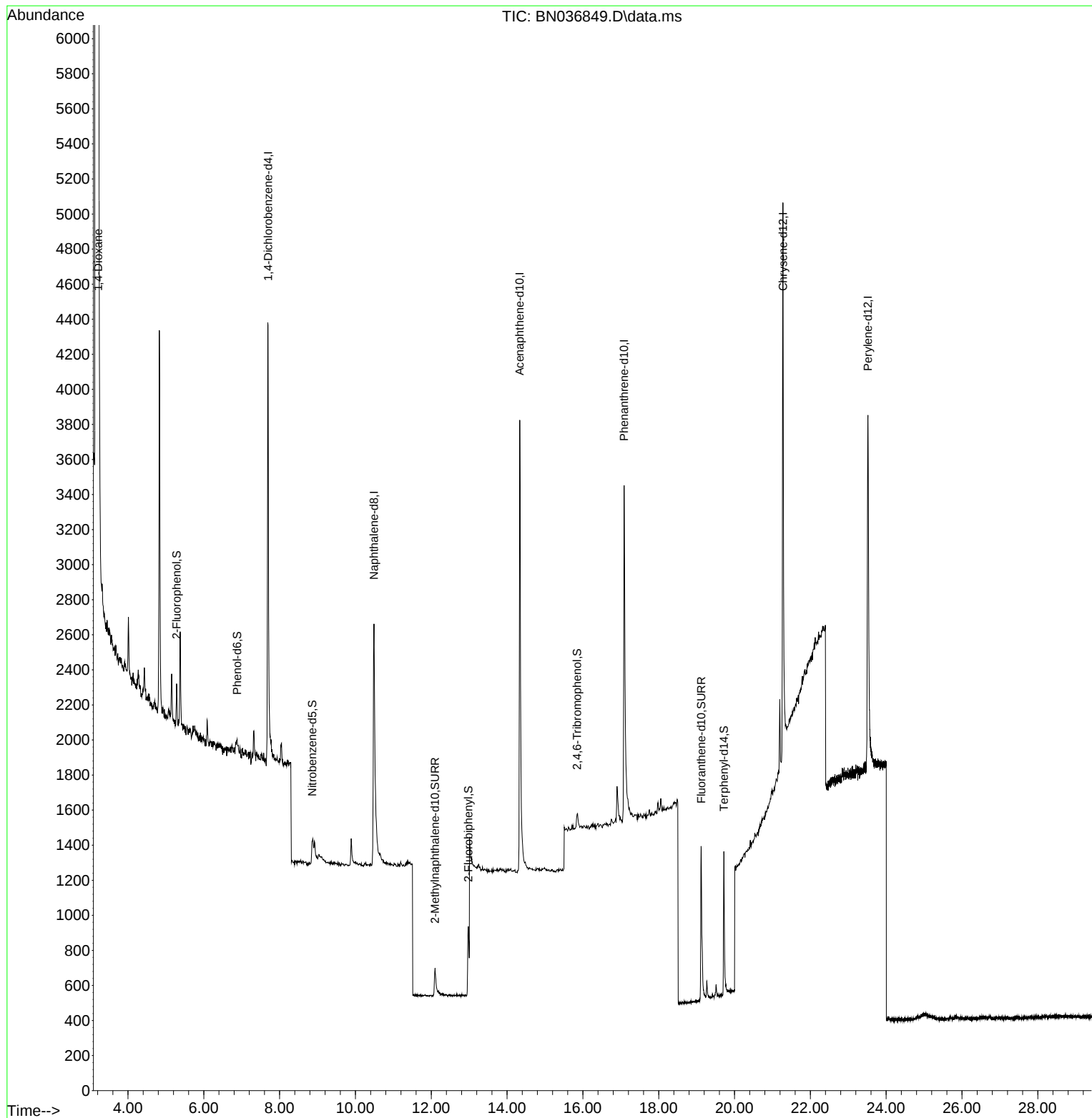
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1423	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	3367	0.400	ng	# 0.01
13) Acenaphthene-d10	14.334	164	2092	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4259	0.400	ng	# 0.01
29) Chrysene-d12	21.277	240	3832	0.400	ng	0.00
35) Perylene-d12	23.519	264	3500	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	163	0.049	ng	0.00
5) Phenol-d6	6.879	99	106	0.026	ng	0.01
8) Nitrobenzene-d5	8.864	82	318	0.087	ng	0.02
11) 2-Methylnaphthalene-d10	12.101	152	469	0.094	ng	0.03
14) 2,4,6-Tribromophenol	15.845	330	110	0.116	ng	0.01
15) 2-Fluorobiphenyl	12.978	172	982	0.081	ng	0.02
27) Fluoranthene-d10	19.122	212	1303	0.119	ng	0.00
31) Terphenyl-d14	19.722	244	1067	0.116	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.218	88	2931	1.857	ng	Qvalue 96

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

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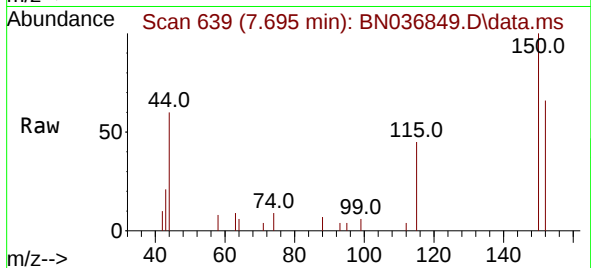
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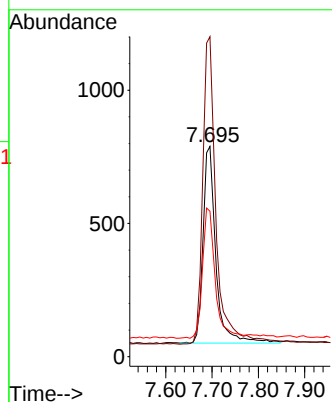
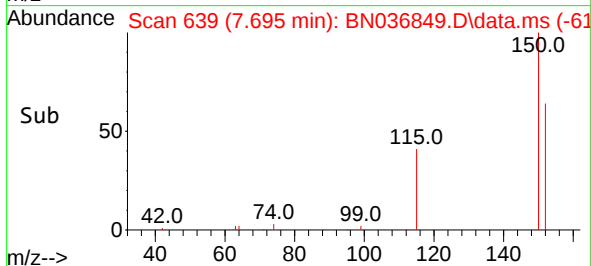


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN036849.D
 Acq: 07 Apr 2025 10:22

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90-040325DL

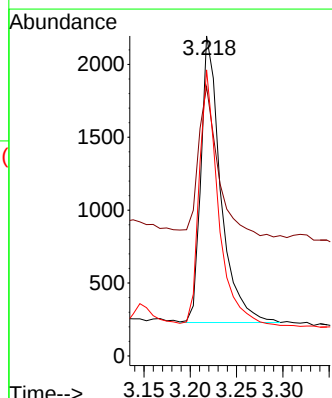
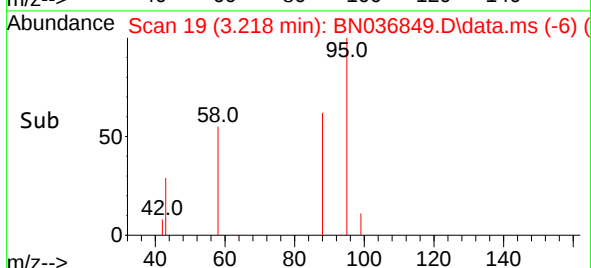
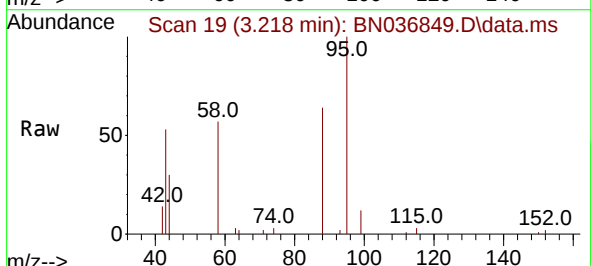


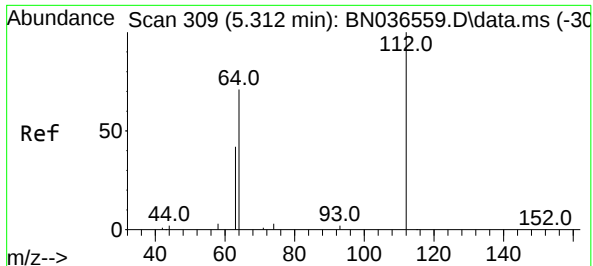
Tgt Ion:152 Resp: 1423
 Ion Ratio Lower Upper
 152 100
 150 152.2 123.7 185.5
 115 69.2 54.3 81.5



#2
 1,4-Dioxane
 Concen: 1.857 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.007 min
 Lab File: BN036849.D
 Acq: 07 Apr 2025 10:22

Tgt Ion: 88 Resp: 2931
 Ion Ratio Lower Upper
 88 100
 43 52.9 37.8 56.8
 58 86.1 67.4 101.2

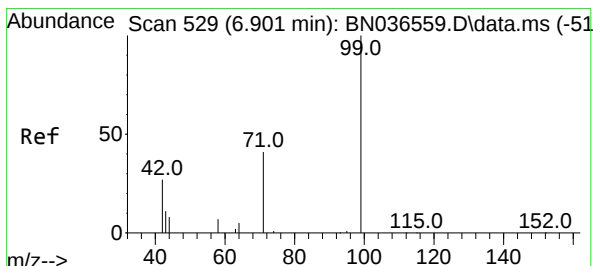
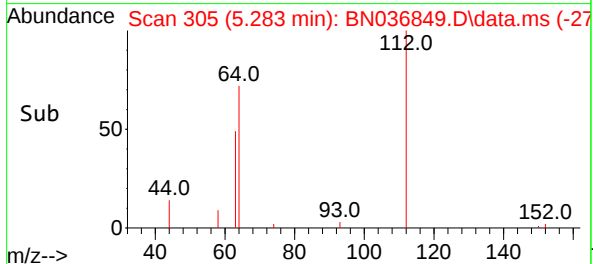
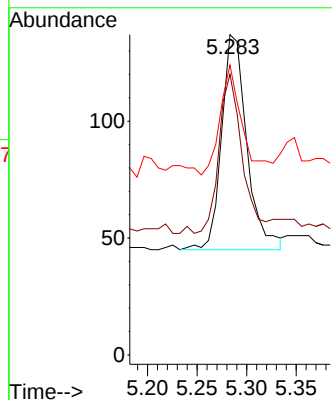
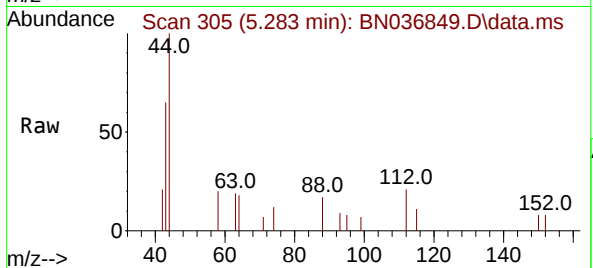




#4
2-Fluorophenol
Concen: 0.049 ng
RT: 5.283 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN036849.D
Acq: 07 Apr 2025 10:22

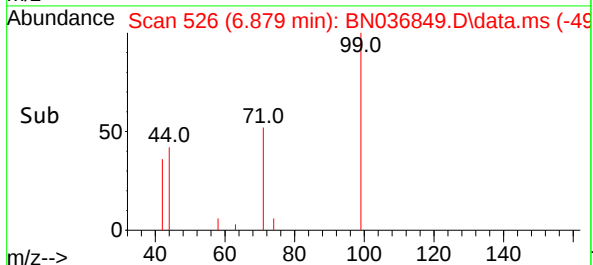
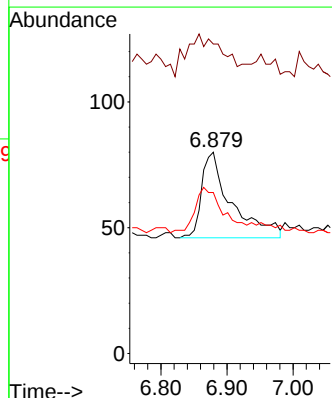
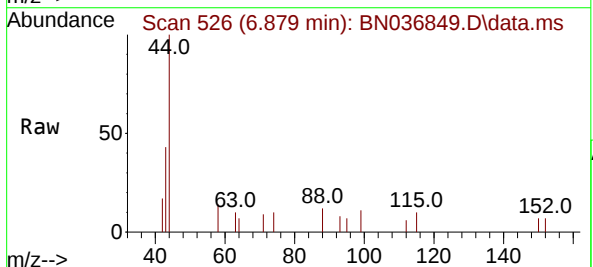
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-040325DL

Tgt Ion:112 Resp: 163
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 41.7 31.8 47.8



#5
Phenol-d6
Concen: 0.026 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.014 min
Lab File: BN036849.D
Acq: 07 Apr 2025 10:22

Tgt Ion: 99 Resp: 106
Ion Ratio Lower Upper
99 100
42 0.0 26.5 39.7#
71 0.0 34.1 51.1#

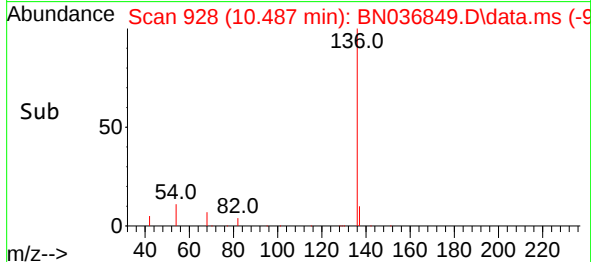
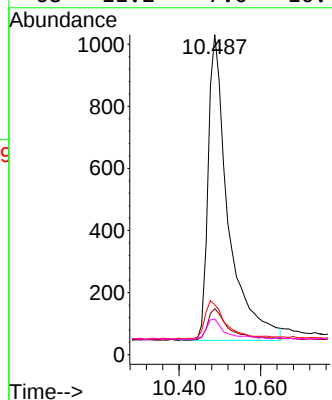
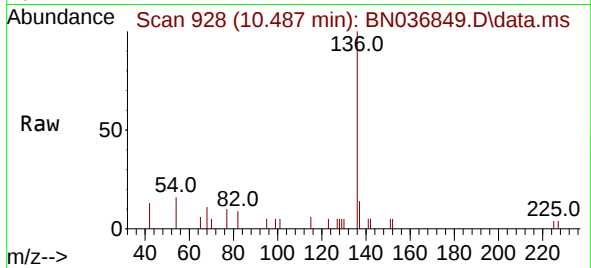




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036849.D
Acq: 07 Apr 2025 10:22

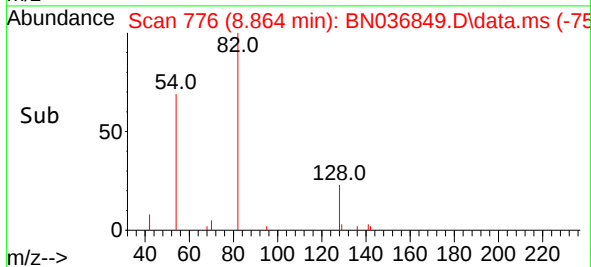
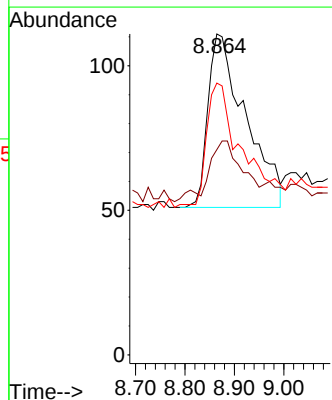
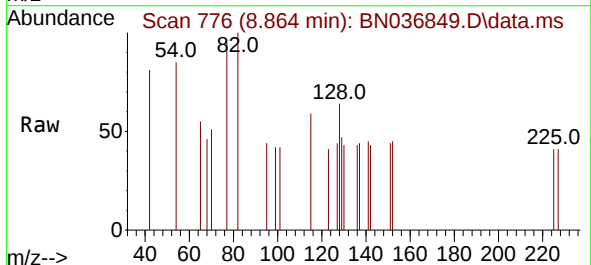
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-040325DL

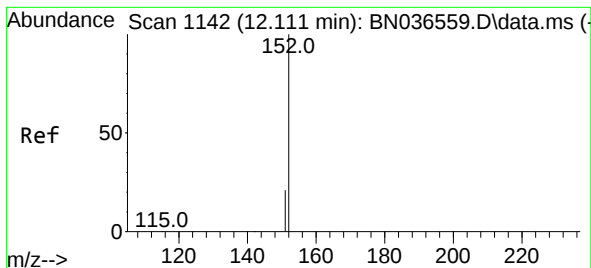
Tgt Ion:	136	Resp:	3367
Ion	Ratio	Lower	Upper
136	100		
137	14.4	10.3	15.5
54	15.6	11.5	17.3
68	11.2	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.087 ng
RT: 8.864 min Scan# 776
Delta R.T. 0.021 min
Lab File: BN036849.D
Acq: 07 Apr 2025 10:22

Tgt Ion:	82	Resp:	318
Ion	Ratio	Lower	Upper
82	100		
128	64.0	30.6	45.8
54	84.7	52.2	78.4

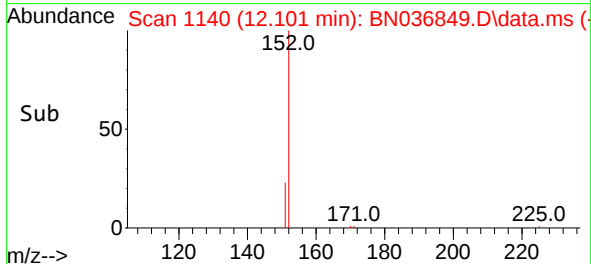
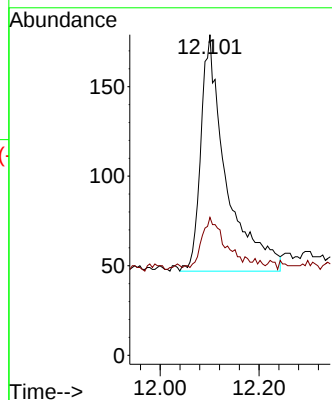
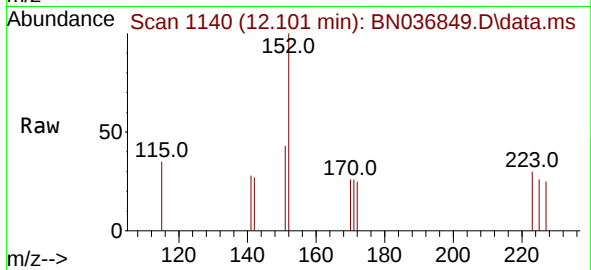




#11
2-Methylnaphthalene-d10
Concen: 0.094 ng
RT: 12.101 min Scan# 1142
Delta R.T. 0.030 min
Lab File: BN036849.D
Acq: 07 Apr 2025 10:22

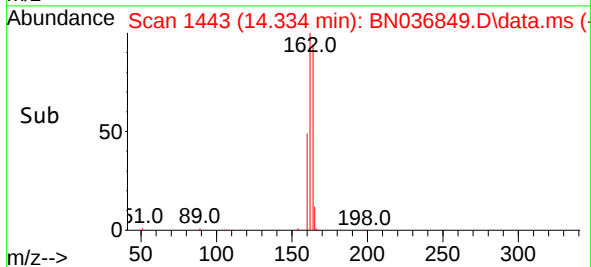
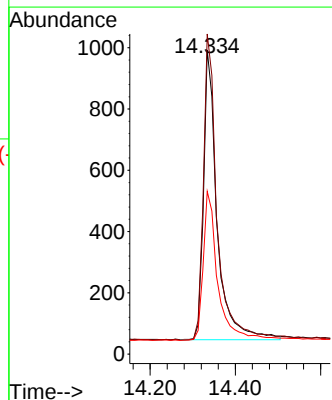
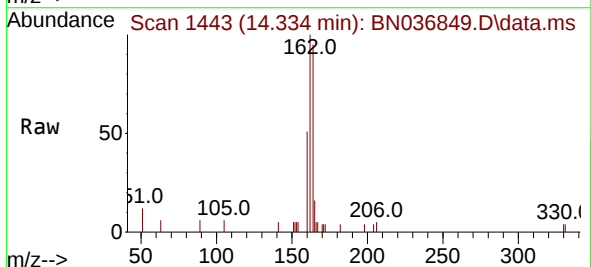
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-040325DL

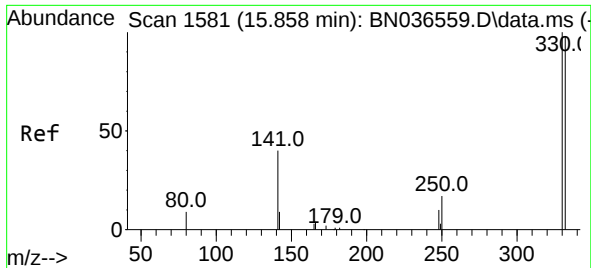
Tgt Ion:152 Resp: 469
Ion Ratio Lower Upper
152 100
151 18.6 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BN036849.D
Acq: 07 Apr 2025 10:22

Tgt Ion:164 Resp: 2092
Ion Ratio Lower Upper
164 100
162 105.3 84.2 126.2
160 53.5 42.2 63.2

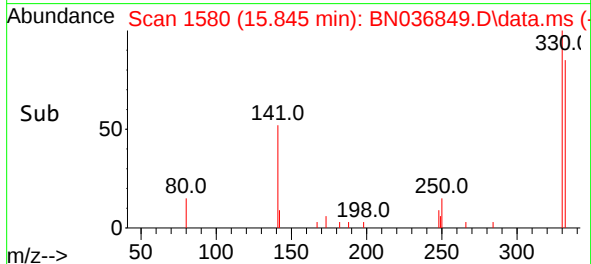
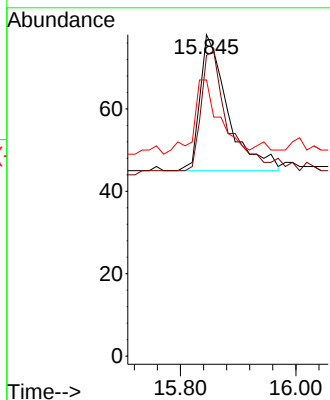
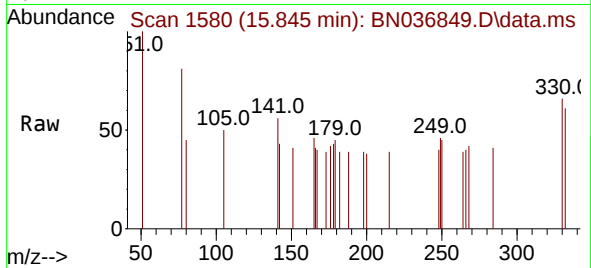




#14
2,4,6-Tribromophenol
Concen: 0.116 ng
RT: 15.845 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN036849.D
Acq: 07 Apr 2025 10:22

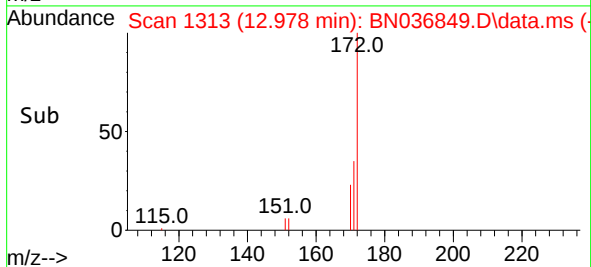
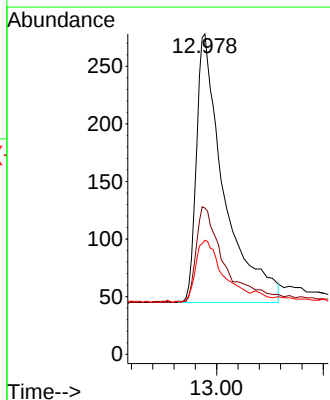
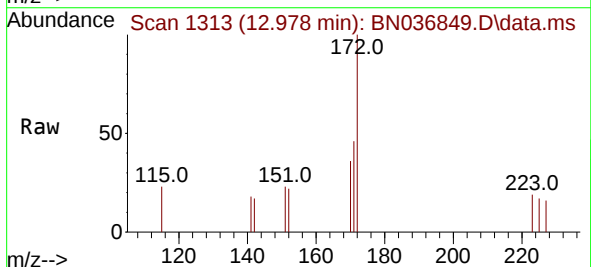
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-040325DL

Tgt Ion:330 Resp: 110
Ion Ratio Lower Upper
330 100
332 83.6 75.2 112.8
141 0.0 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.081 ng
RT: 12.978 min Scan# 1313
Delta R.T. 0.020 min
Lab File: BN036849.D
Acq: 07 Apr 2025 10:22

Tgt Ion:172 Resp: 982
Ion Ratio Lower Upper
172 100
171 45.7 29.5 44.3#
170 35.6 20.2 30.4#

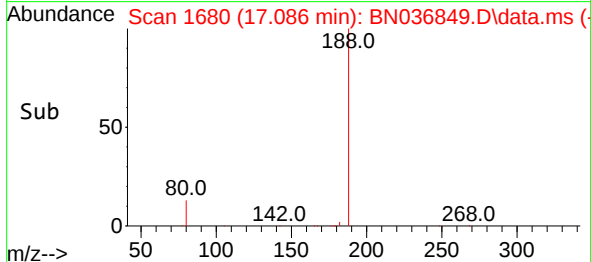
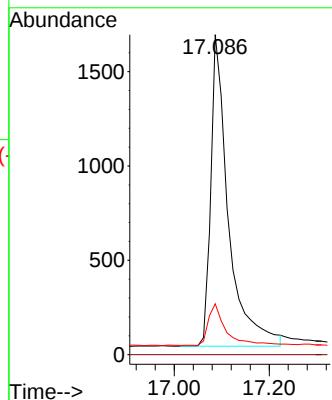
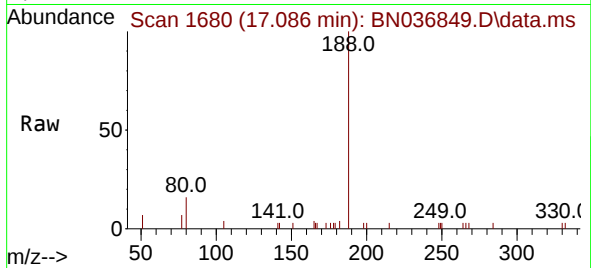




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN036849.D
Acq: 07 Apr 2025 10:22

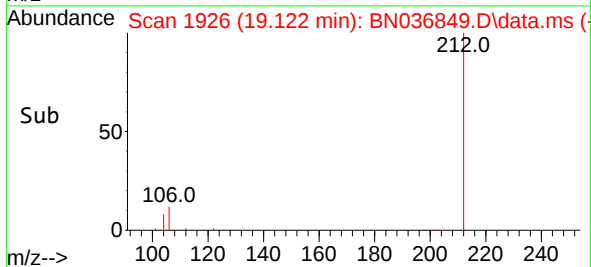
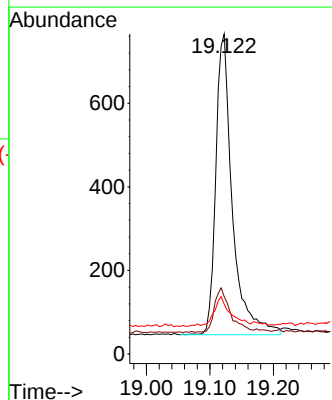
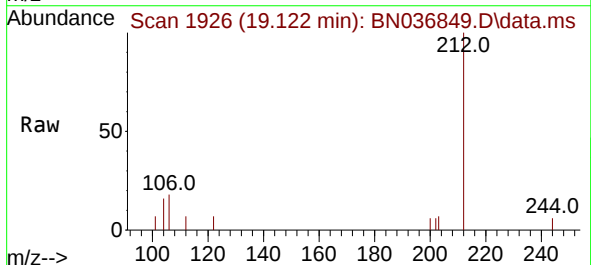
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-040325DL

Tgt Ion:188 Resp: 4259
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.119 ng
RT: 19.122 min Scan# 1926
Delta R.T. 0.009 min
Lab File: BN036849.D
Acq: 07 Apr 2025 10:22

Tgt Ion:212 Resp: 1303
Ion Ratio Lower Upper
212 100
106 13.7 11.8 17.6
104 9.1 7.3 10.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.277 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN036849.D

Acq: 07 Apr 2025 10:22

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90-040325DL

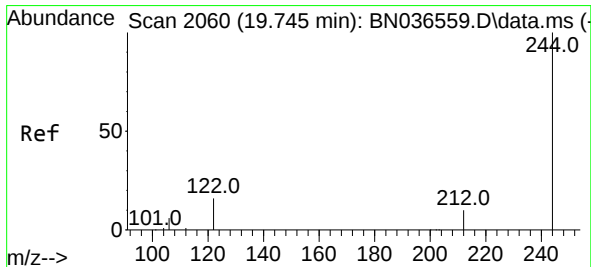
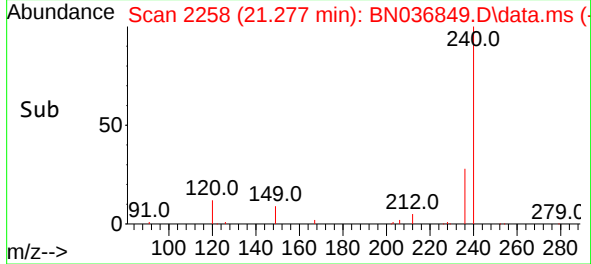
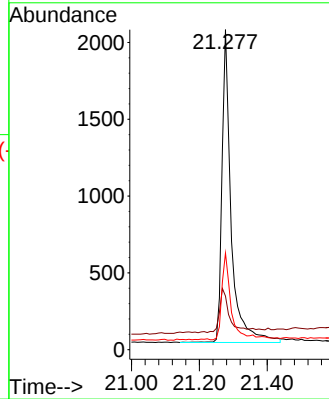
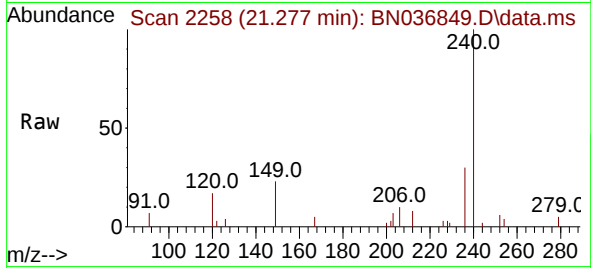
Tgt Ion:240 Resp: 3832

Ion Ratio Lower Upper

240 100

120 16.8 14.6 22.0

236 30.2 24.1 36.1



#31

Terphenyl-d14

Concen: 0.116 ng

RT: 19.722 min Scan# 2055

Delta R.T. 0.005 min

Lab File: BN036849.D

Acq: 07 Apr 2025 10:22

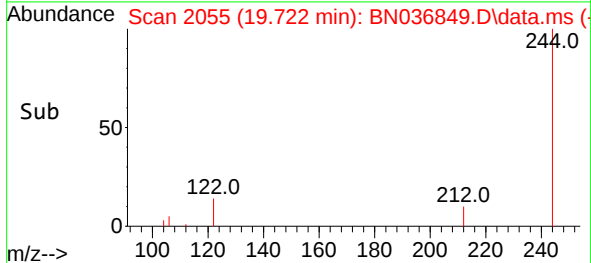
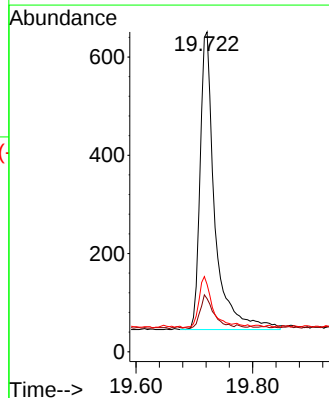
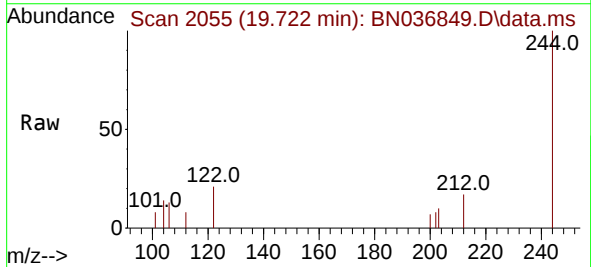
Tgt Ion:244 Resp: 1067

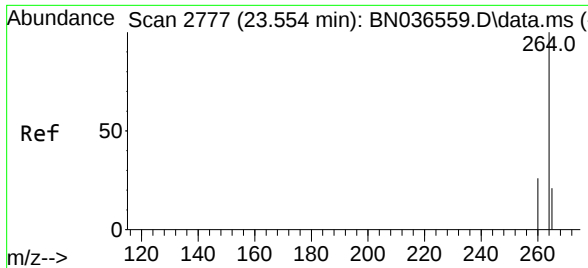
Ion Ratio Lower Upper

244 100

212 16.6 9.6 14.4#

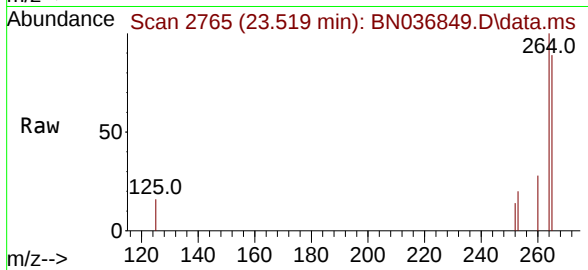
122 21.0 13.9 20.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN036849.D
Acq: 07 Apr 2025 10:22

Instrument :
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Tgt Ion:264 Resp: 3500
Ion Ratio Lower Upper
264 100
260 27.7 22.6 33.8
265 89.0 88.1 132.1

