

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021325\
 Data File : BN036460.D
 Acq On : 13 Feb 2025 10:24
 Operator : RC/JU
 Sample : PB166675BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 13 11:23:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	2868	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	6259	0.400	ng	0.01
13) Acenaphthene-d10	14.387	164	3734	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	8287	0.400	ng	# 0.00
29) Chrysene-d12	21.322	240	5804	0.400	ng	0.00
35) Perylene-d12	23.589	264	5138	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	2814	0.415	ng	0.00
5) Phenol-d6	6.930	99	2985	0.375	ng	0.00
8) Nitrobenzene-d5	8.907	82	2307	0.374	ng	0.00
11) 2-Methylnaphthalene-d10	12.146	152	3718	0.386	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	460	0.249	ng	0.01
15) 2-Fluorobiphenyl	13.030	172	4978	0.355	ng	0.01
27) Fluoranthene-d10	19.169	212	8612	0.374	ng	0.00
31) Terphenyl-d14	19.768	244	6002	0.484	ng	0.00

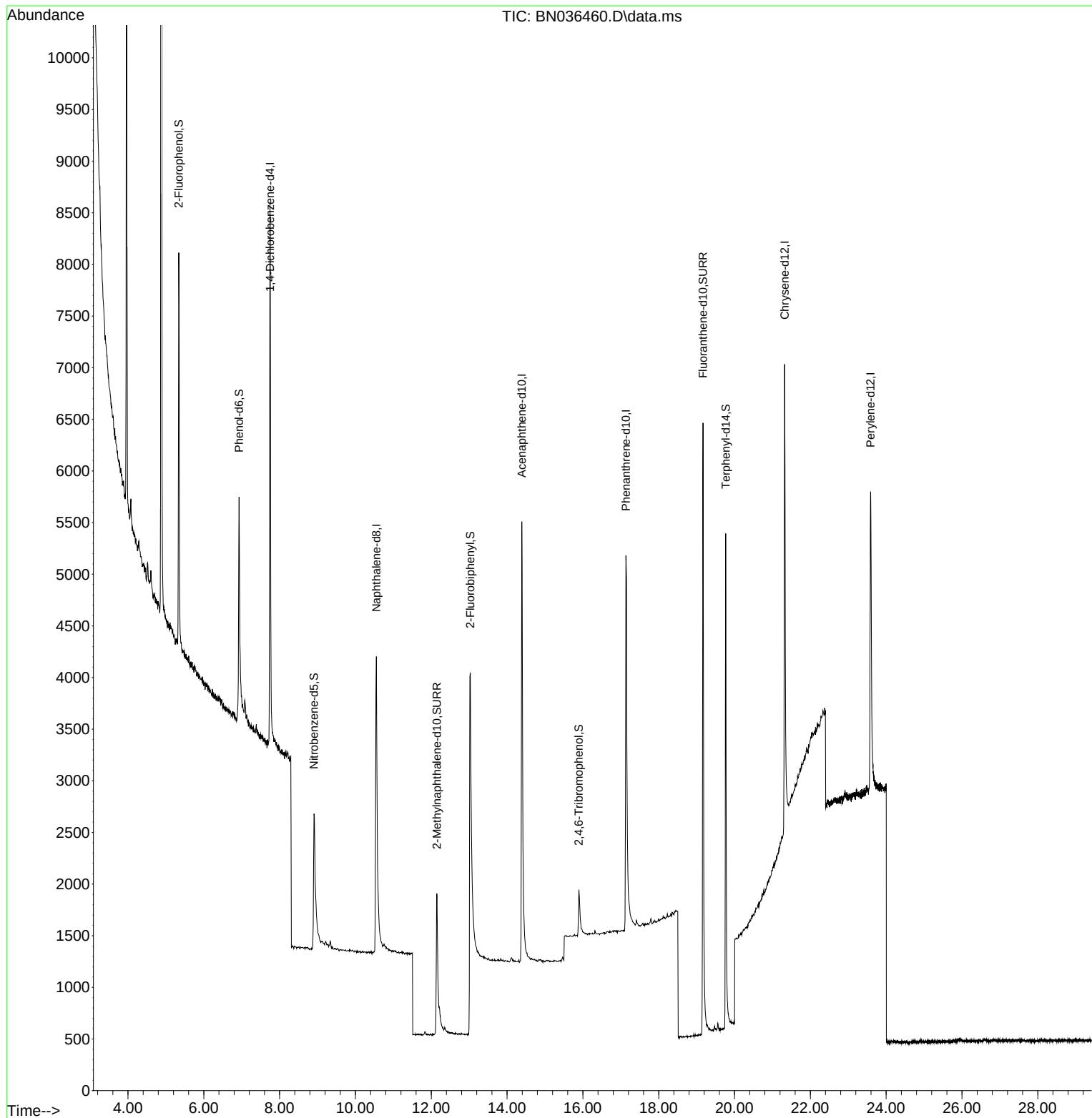
Target Compounds Qvalue

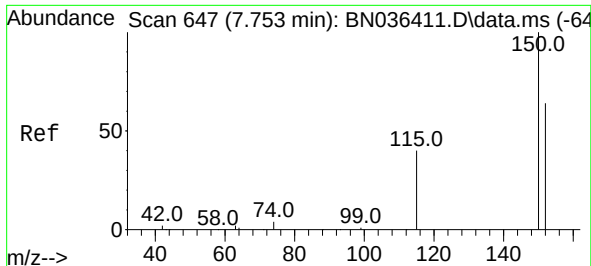
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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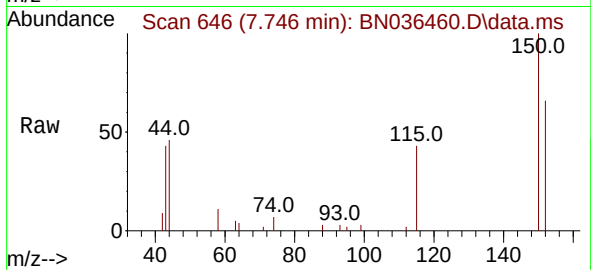
Quant Time: Feb 13 11:23:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration



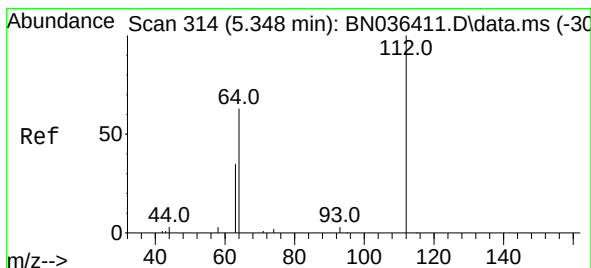
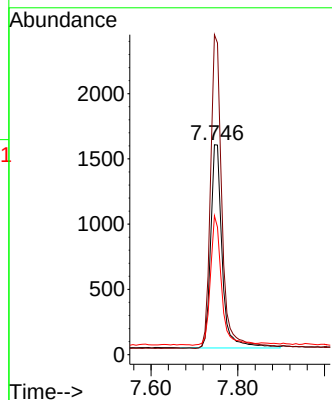
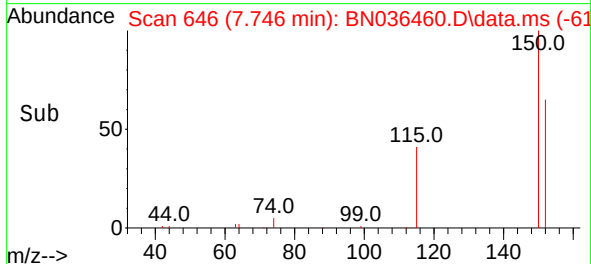


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036460.D
Acq: 13 Feb 2025 10:24

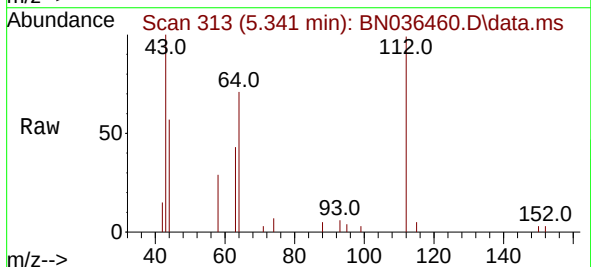
Instrument :
BNA_N
ClientSampleId :



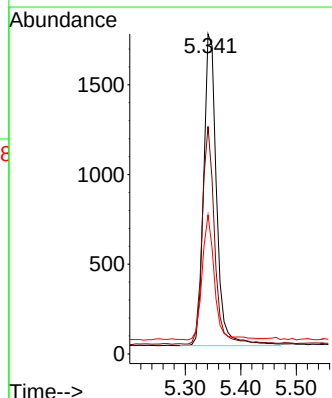
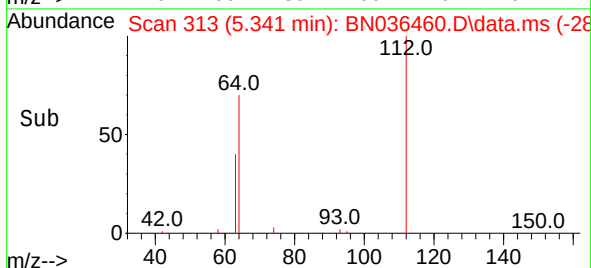
Tgt Ion:152 Resp: 2868
Ion Ratio Lower Upper
152 100
150 152.5 123.7 185.5
115 66.2 52.5 78.7

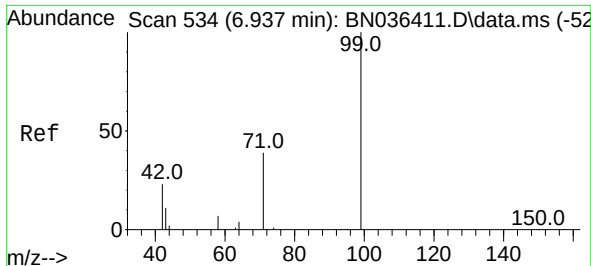


#4
2-Fluorophenol
Concen: 0.415 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN036460.D
Acq: 13 Feb 2025 10:24



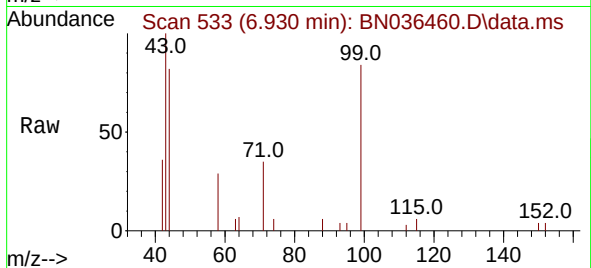
Tgt Ion:112 Resp: 2814
Ion Ratio Lower Upper
112 100
64 67.2 53.4 80.0
63 38.1 30.3 45.5



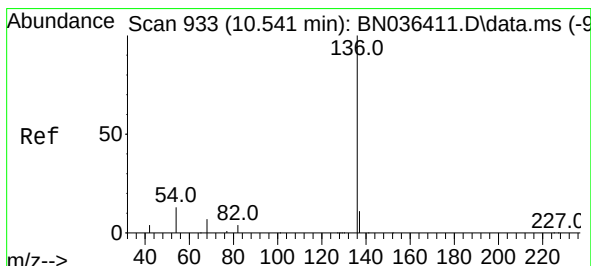
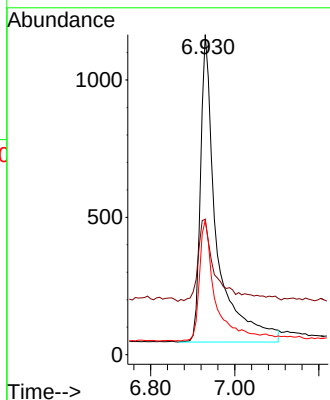
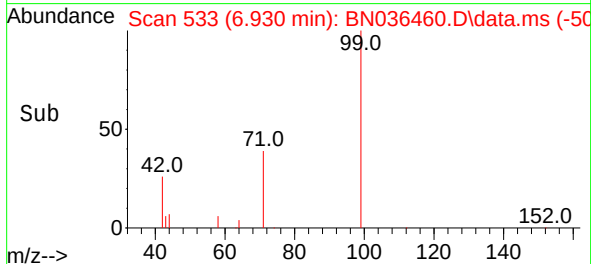


#5
Phenol-d6
Concen: 0.375 ng
RT: 6.930 min Scan# 534
Delta R.T. -0.007 min
Lab File: BN036460.D
Acq: 13 Feb 2025 10:24

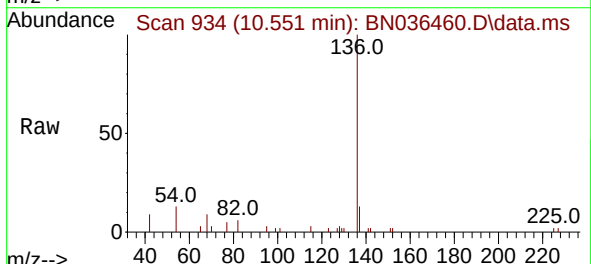
Instrument :
BNA_N
ClientSampleId :



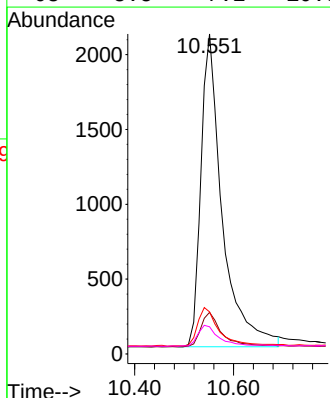
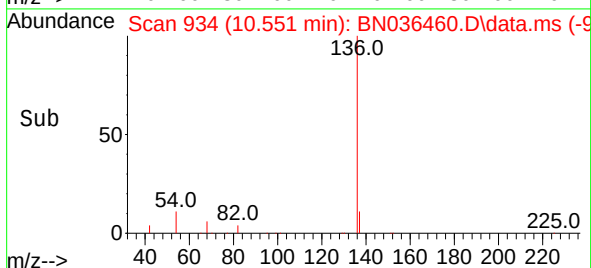
Tgt Ion:	99	Resp:	2985
Ion	Ratio	Lower	Upper
99	100		
42	29.1	21.7	32.5
71	38.5	32.6	49.0

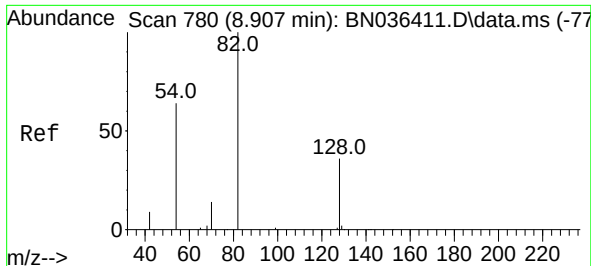


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 934
Delta R.T. 0.011 min
Lab File: BN036460.D
Acq: 13 Feb 2025 10:24



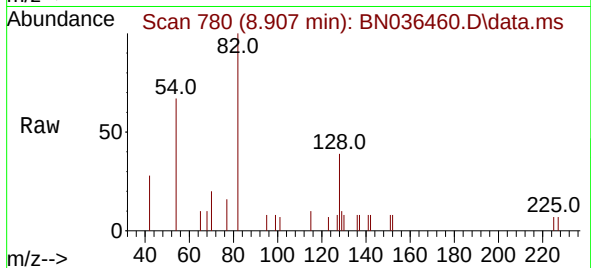
Tgt Ion:	136	Resp:	6259
Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.1	15.1
54	13.1	11.8	17.6
68	8.5	7.2	10.8



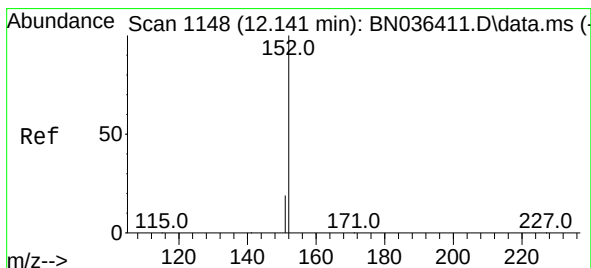
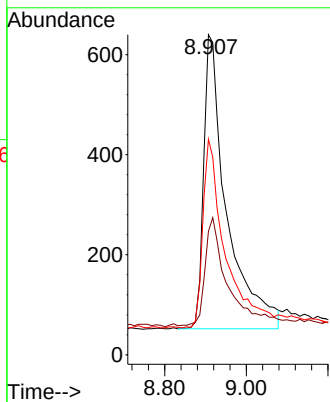
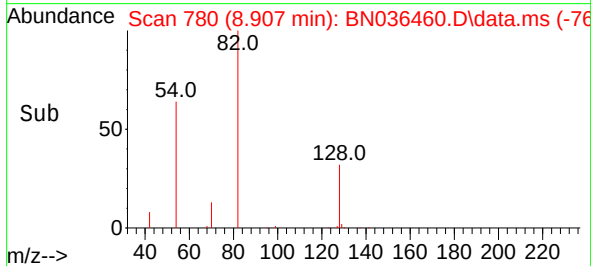


#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.907 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN036460.D
Acq: 13 Feb 2025 10:24

Instrument :
BNA_N
ClientSampleId :

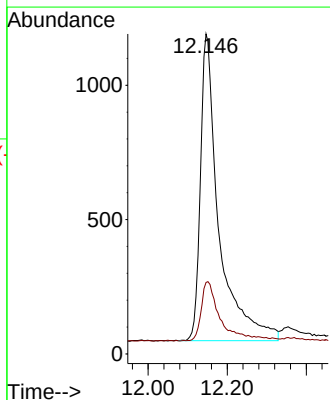
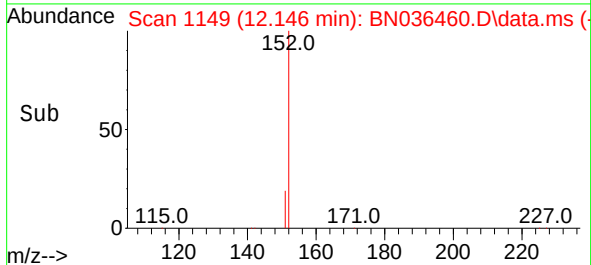
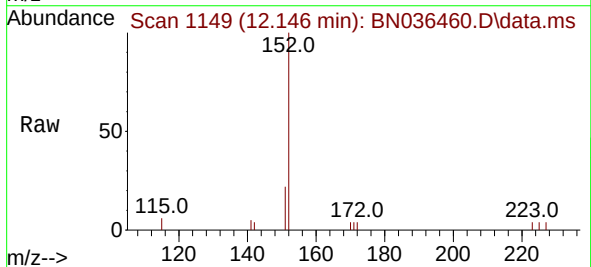


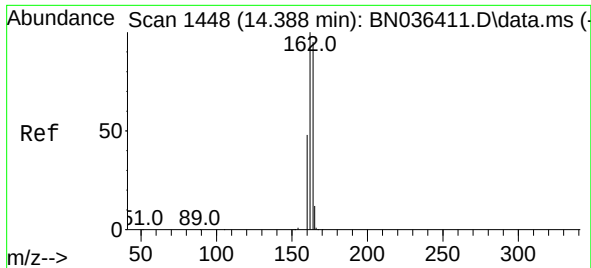
Tgt Ion: 82 Resp: 2307
Ion Ratio Lower Upper
82 100
128 38.6 31.9 47.9
54 67.3 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.146 min Scan# 1149
Delta R.T. 0.005 min
Lab File: BN036460.D
Acq: 13 Feb 2025 10:24

Tgt Ion:152 Resp: 3718
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0

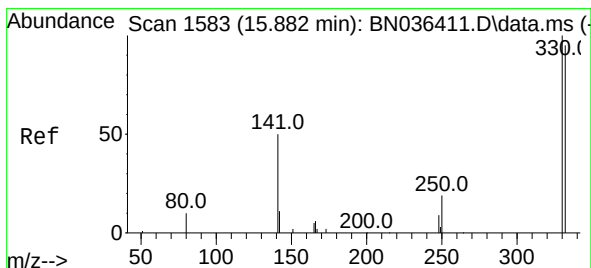
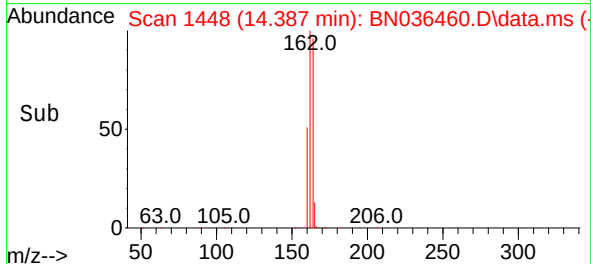
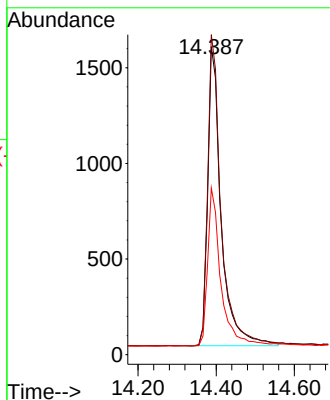
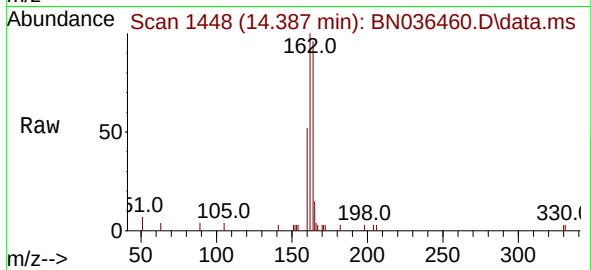




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN036460.D
Acq: 13 Feb 2025 10:24

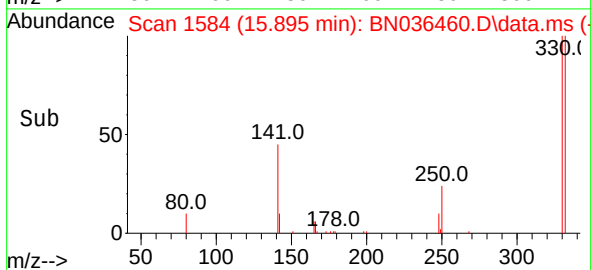
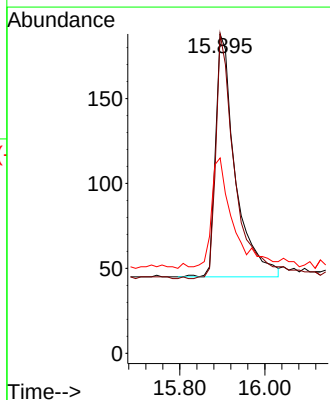
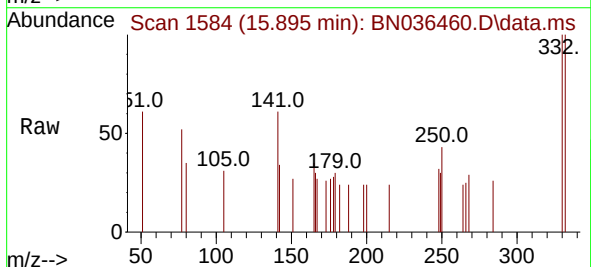
Instrument :
BNA_N
ClientSampleId :

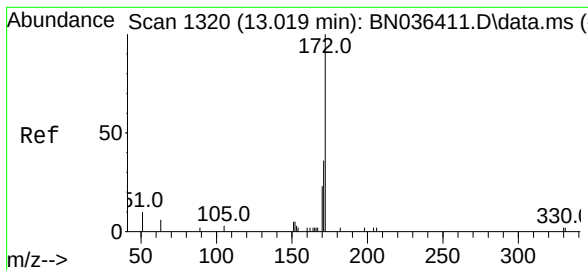
Tgt Ion:164 Resp: 3734
Ion Ratio Lower Upper
164 100
162 103.9 84.1 126.1
160 54.2 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BN036460.D
Acq: 13 Feb 2025 10:24

Tgt Ion:330 Resp: 460
Ion Ratio Lower Upper
330 100
332 96.3 76.6 114.8
141 47.2 37.8 56.8

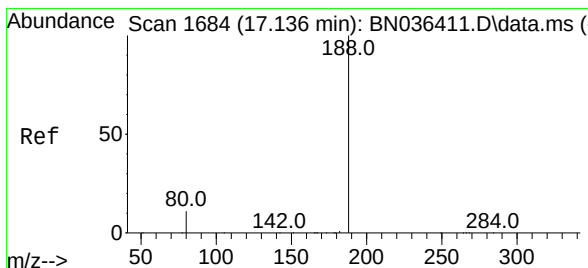
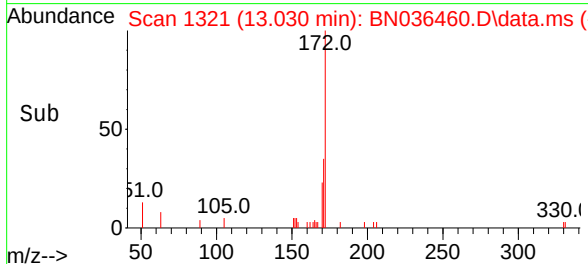
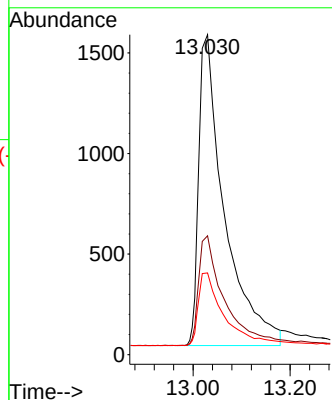
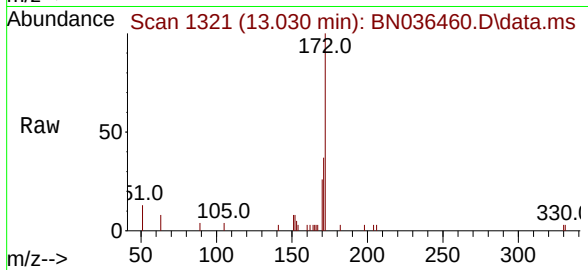




#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.030 min Scan# 1321
Delta R.T. 0.011 min
Lab File: BN036460.D
Acq: 13 Feb 2025 10:24

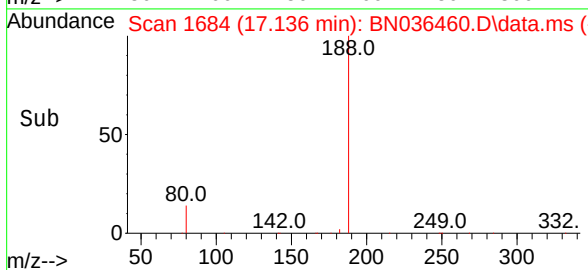
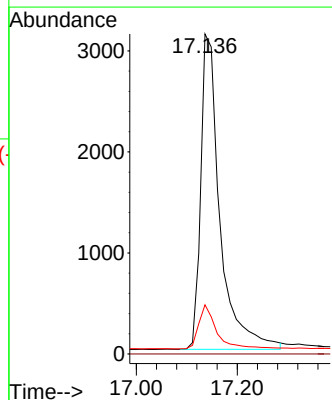
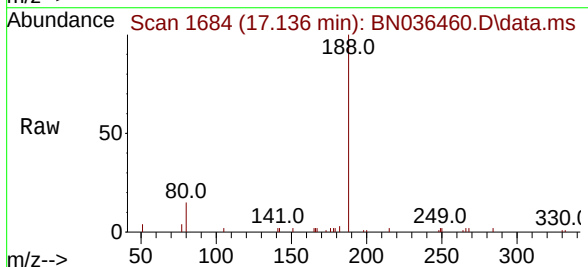
Instrument :
BNA_N
ClientSampleId :

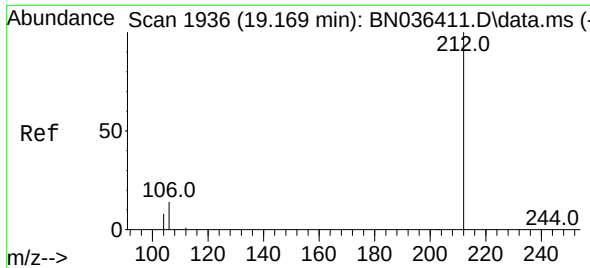
Tgt Ion:	172	Resp:	4978
Ion Ratio	Lower	Upper	
172	100		
171	37.1	29.6	44.4
170	25.5	19.8	29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BN036460.D
Acq: 13 Feb 2025 10:24

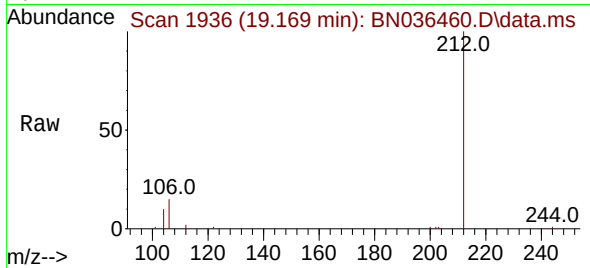
Tgt Ion:	188	Resp:	8287
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.4	9.8	14.6



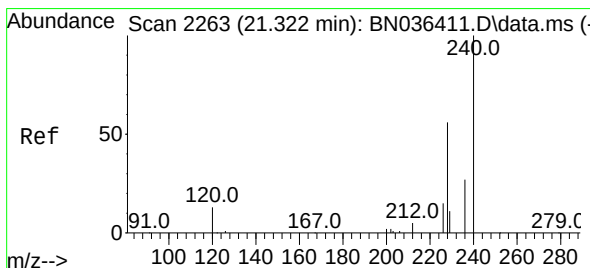
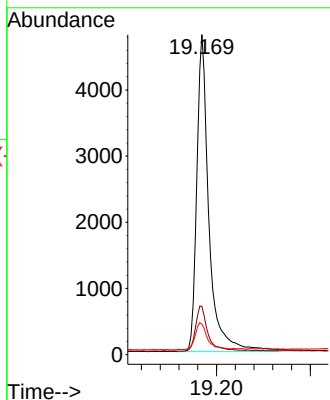


#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.169 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BN036460.D
Acq: 13 Feb 2025 10:24

Instrument :
BNA_N
ClientSampleId :

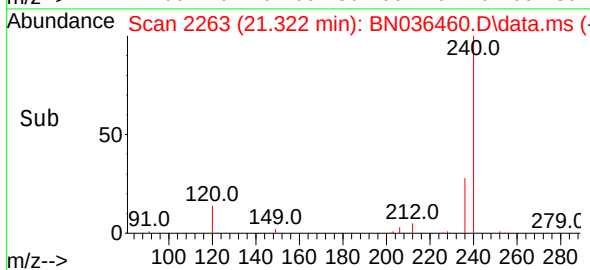
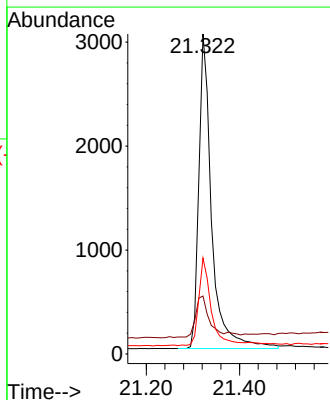
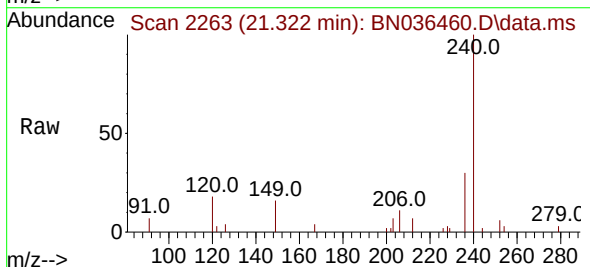


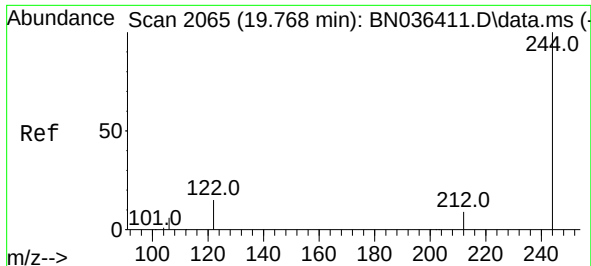
Tgt Ion:212 Resp: 8612
Ion Ratio Lower Upper
212 100
106 14.4 11.5 17.3
104 8.8 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN036460.D
Acq: 13 Feb 2025 10:24

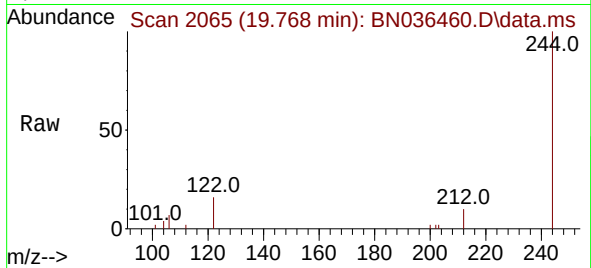
Tgt Ion:240 Resp: 5804
Ion Ratio Lower Upper
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120 18.1 13.3 19.9
236 29.9 23.0 34.6



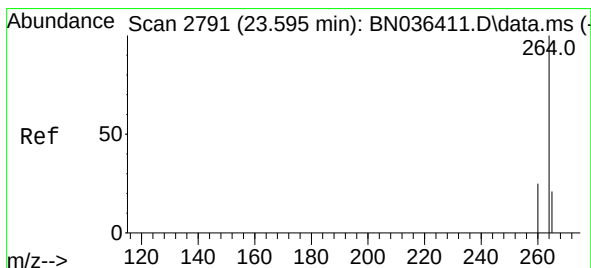
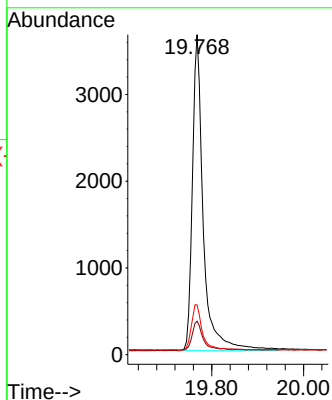


#31
 Terphenyl-d14
 Concen: 0.484 ng
 RT: 19.768 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: BN036460.D
 Acq: 13 Feb 2025 10:24

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:244 Resp: 6002
 Ion Ratio Lower Upper
 244 100
 212 10.4 8.1 12.1
 122 15.5 12.8 19.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 2789
 Delta R.T. -0.006 min
 Lab File: BN036460.D
 Acq: 13 Feb 2025 10:24

Tgt Ion:264 Resp: 5138
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.9 31.3
 265 105.1 60.7 91.1#

