

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031825\
 Data File : BN036684.D
 Acq On : 18 Mar 2025 09:57
 Operator : RC/JU
 Sample : PB167159BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 18 10:42:53 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)

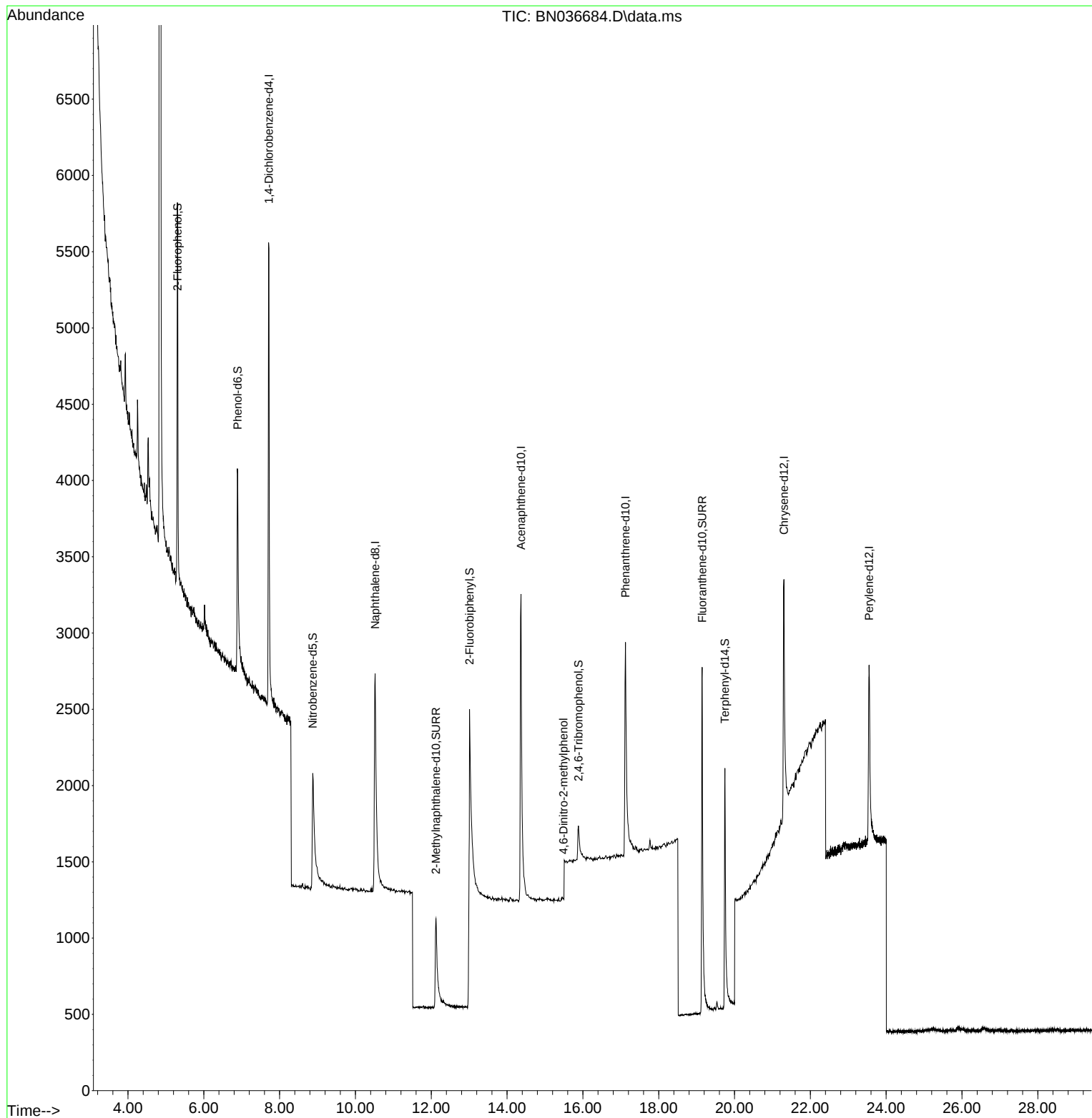
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1698	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	3698	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2056	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	3776	0.400	ng	# 0.01
29) Chrysene-d12	21.304	240	2642	0.400	ng	0.00
35) Perylene-d12	23.549	264	2442	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	1752	0.443	ng	0.00
5) Phenol-d6	6.894	99	1764	0.361	ng	0.00
8) Nitrobenzene-d5	8.875	82	1459	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	1897	0.345	ng	0.02
14) 2,4,6-Tribromophenol	15.883	330	280	0.300	ng	0.03
15) 2-Fluorobiphenyl	13.009	172	3010	0.252	ng	0.02
27) Fluoranthene-d10	19.146	212	4054	0.419	ng	0.00
31) Terphenyl-d14	19.745	244	2710	0.428	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.489	198	2	0.148	ng	# 18

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

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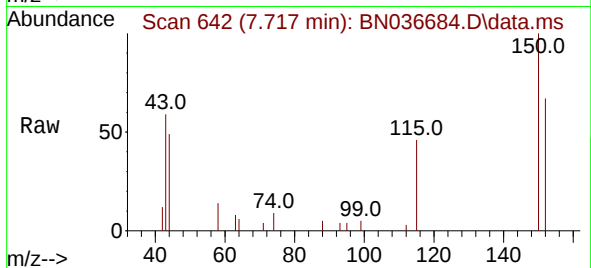
Quant Time: Mar 18 10:42:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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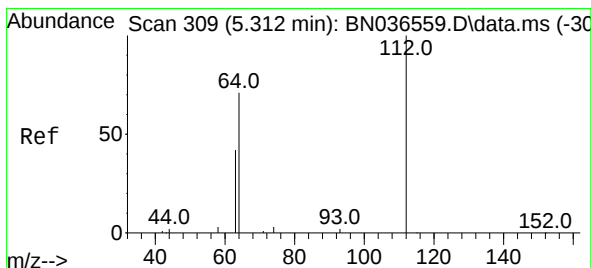
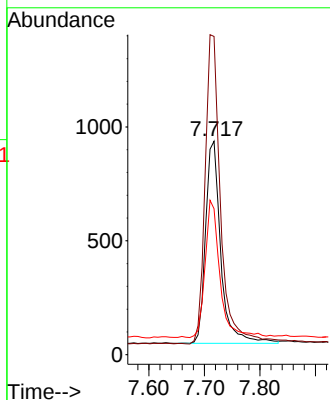
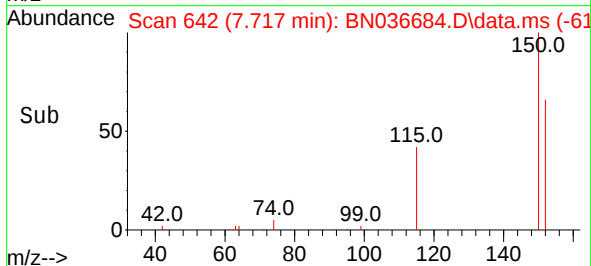


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036684.D
Acq: 18 Mar 2025 09:57

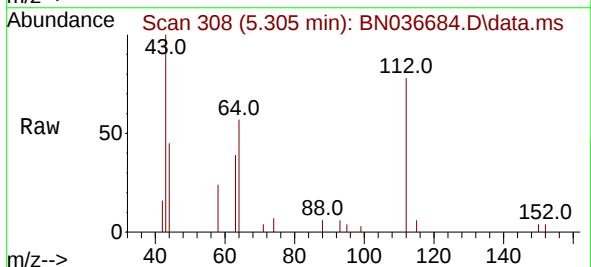
Instrument :
BNA_N
ClientSampleId :



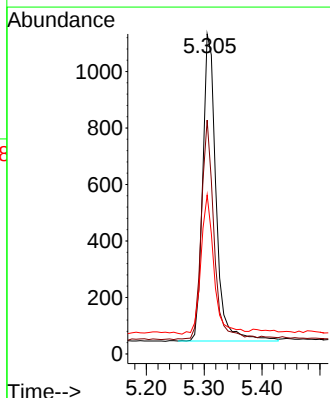
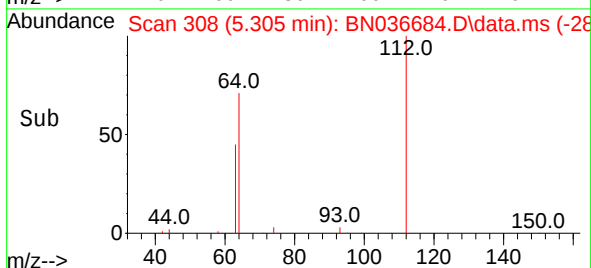
Tgt Ion:152 Resp: 1698
Ion Ratio Lower Upper
152 100
150 149.1 123.7 185.5
115 68.4 54.3 81.5

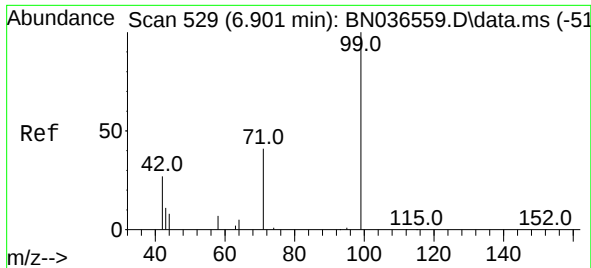


#4
2-Fluorophenol
Concen: 0.443 ng
RT: 5.305 min Scan# 308
Delta R.T. -0.007 min
Lab File: BN036684.D
Acq: 18 Mar 2025 09:57



Tgt Ion:112 Resp: 1752
Ion Ratio Lower Upper
112 100
64 67.7 53.1 79.7
63 44.2 31.8 47.8

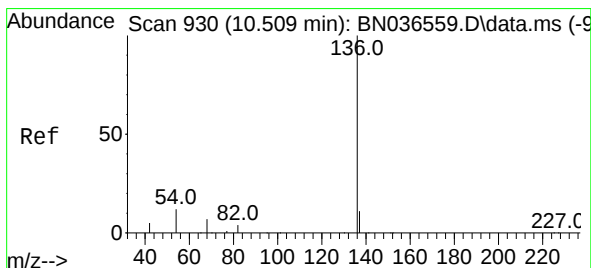
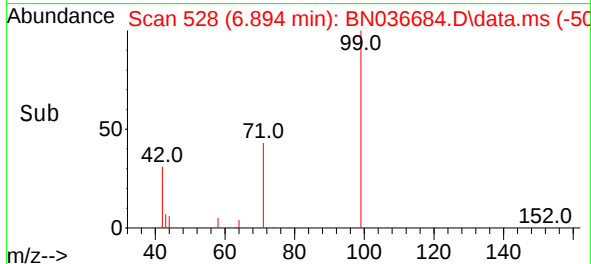
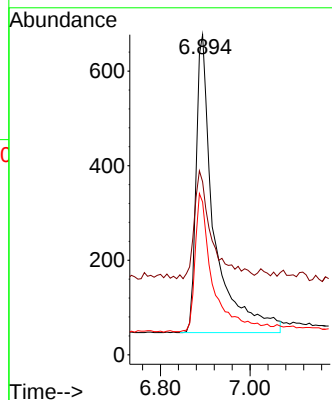
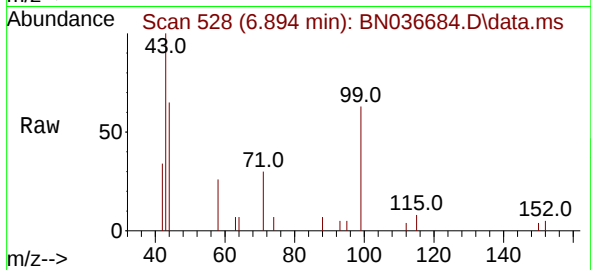




#5
Phenol-d6
Concen: 0.361 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036684.D
Acq: 18 Mar 2025 09:57

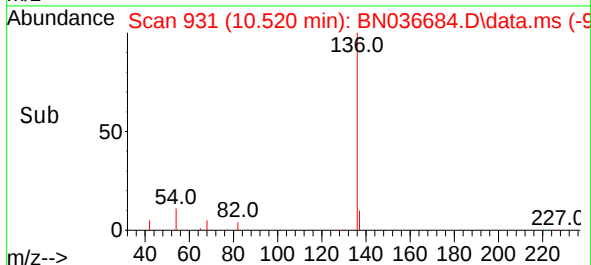
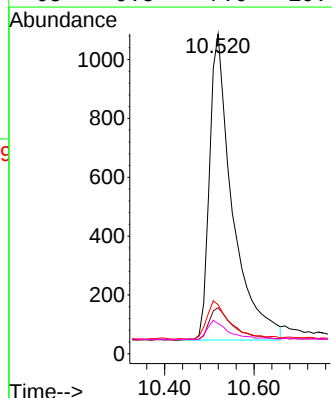
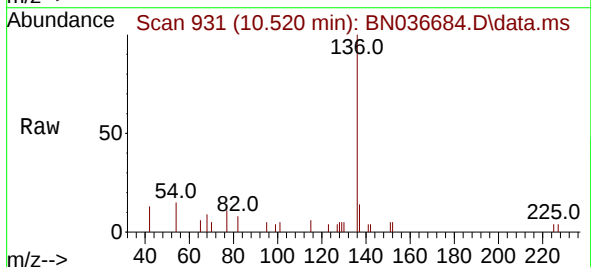
Instrument :
BNA_N
ClientSampleId :

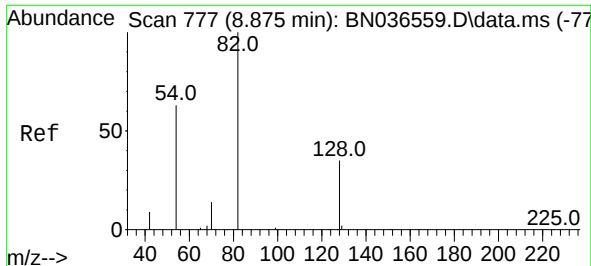
Tgt Ion: 99 Resp: 1764
Ion Ratio Lower Upper
99 100
42 35.0 26.5 39.7
71 46.0 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036684.D
Acq: 18 Mar 2025 09:57

Tgt Ion: 136 Resp: 3698
Ion Ratio Lower Upper
136 100
137 14.4 10.3 15.5
54 15.4 11.5 17.3
68 9.5 7.0 10.4

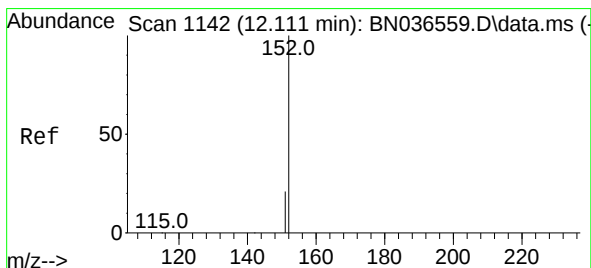
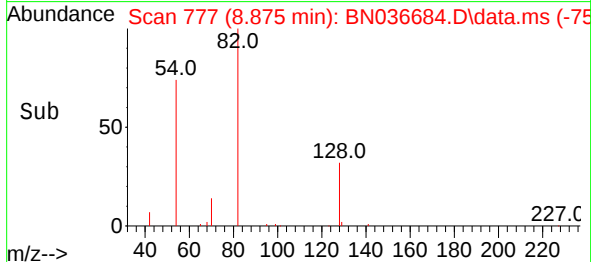
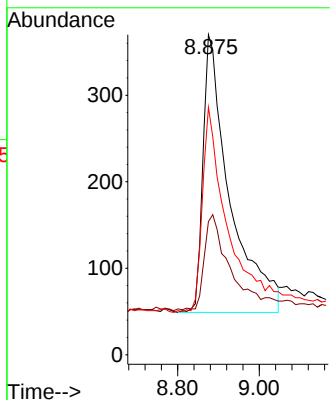
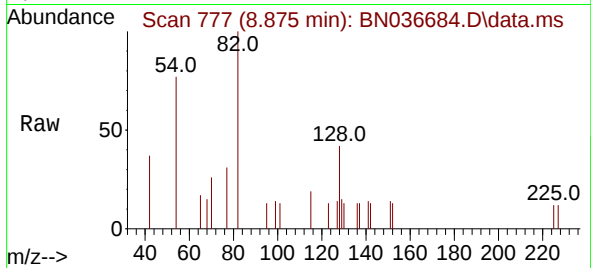




#8
 Nitrobenzene-d5
 Concen: 0.363 ng
 RT: 8.875 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN036684.D
 Acq: 18 Mar 2025 09:57

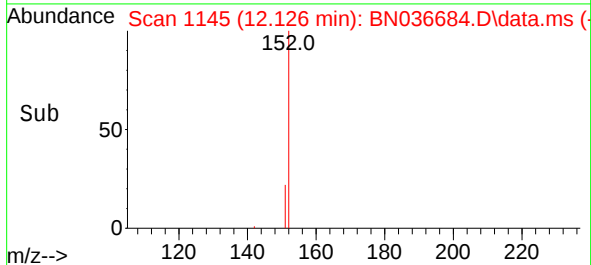
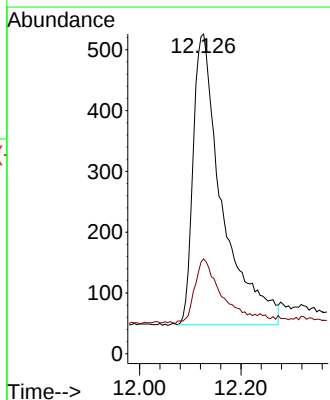
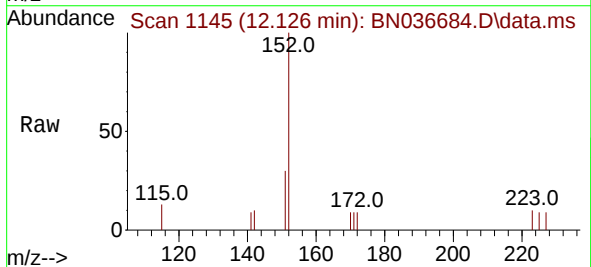
Instrument :
 BNA_N
 ClientSampleId :

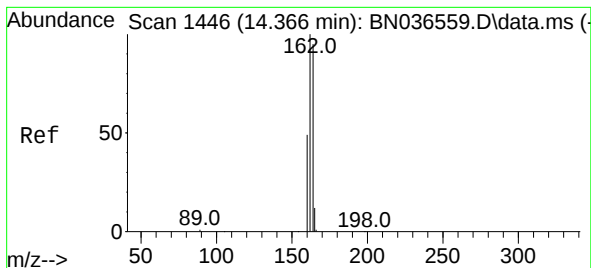
Tgt Ion: 82 Resp: 1459
 Ion Ratio Lower Upper
 82 100
 128 41.6 30.6 45.8
 54 77.3 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.345 ng
 RT: 12.126 min Scan# 1145
 Delta R.T. 0.015 min
 Lab File: BN036684.D
 Acq: 18 Mar 2025 09:57

Tgt Ion: 152 Resp: 1897
 Ion Ratio Lower Upper
 152 100
 151 20.5 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.366 min Scan# 1446

Delta R.T. 0.000 min

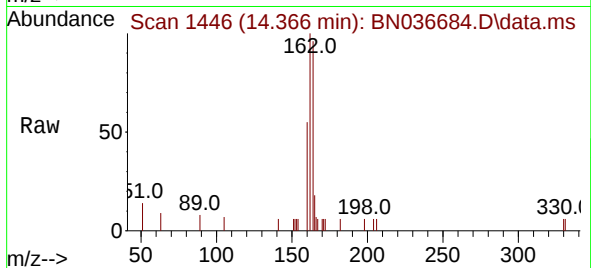
Lab File: BN036684.D

Acq: 18 Mar 2025 09:57

Instrument :

BNA_N

ClientSampleId :



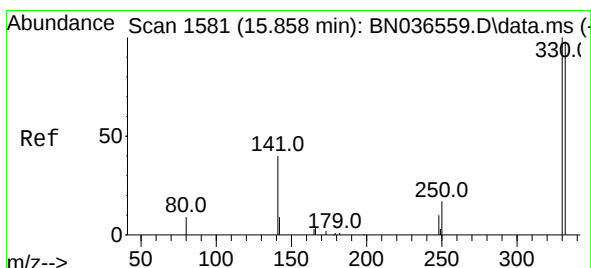
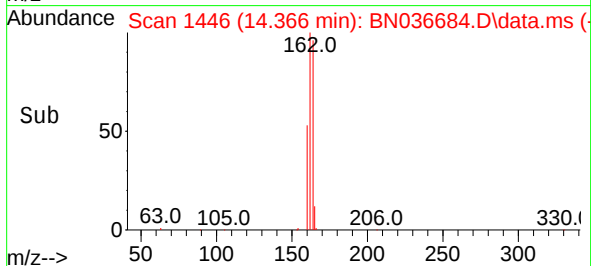
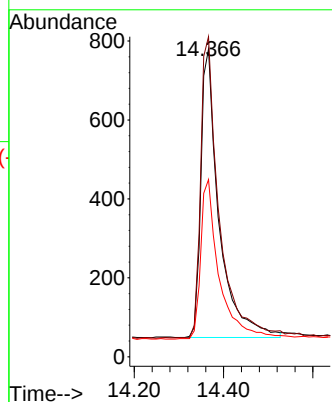
Tgt Ion:164 Resp: 2056

Ion Ratio Lower Upper

164 100

162 104.0 84.2 126.2

160 57.6 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.300 ng

RT: 15.883 min Scan# 1583

Delta R.T. 0.025 min

Lab File: BN036684.D

Acq: 18 Mar 2025 09:57

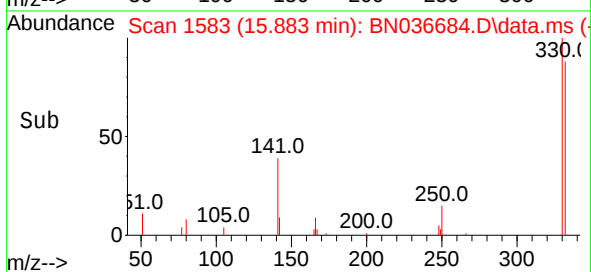
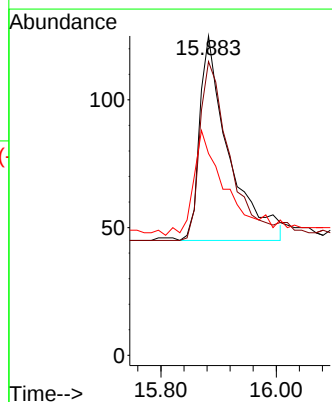
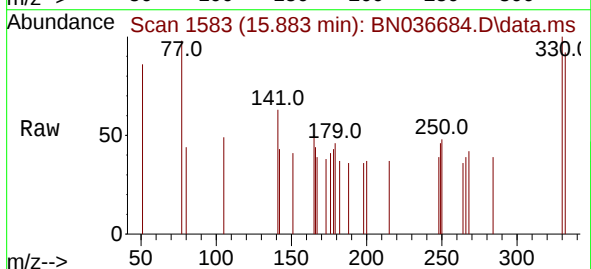
Tgt Ion:330 Resp: 280

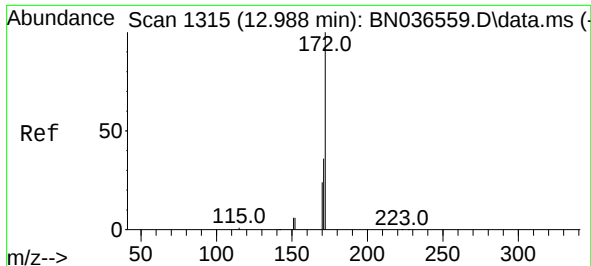
Ion Ratio Lower Upper

330 100

332 90.0 75.2 112.8

141 56.8 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.252 ng

RT: 13.009 min Scan# 1319

Delta R.T. 0.020 min

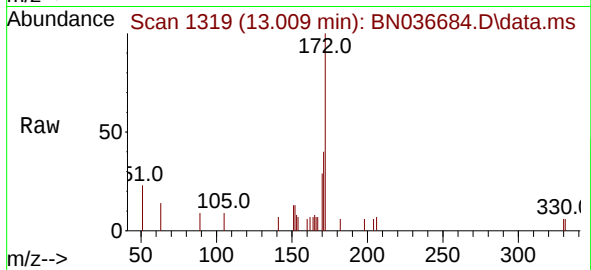
Lab File: BN036684.D

Acq: 18 Mar 2025 09:57

Instrument :

BNA_N

ClientSampleId :



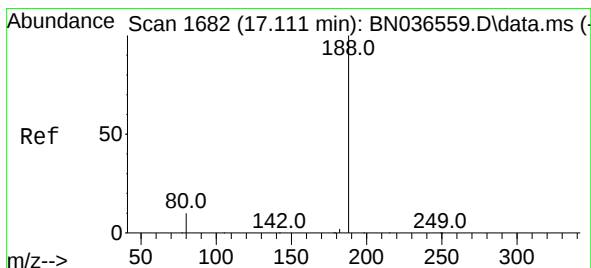
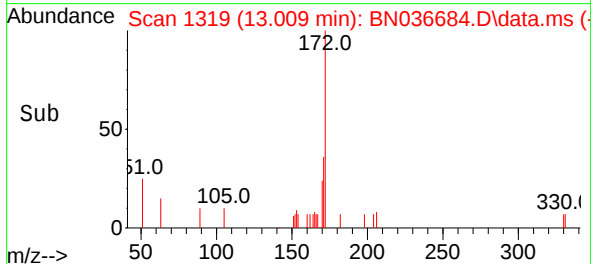
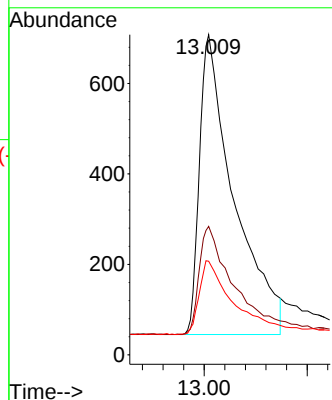
Tgt Ion:172 Resp: 3010

Ion Ratio Lower Upper

172 100

171 40.1 29.5 44.3

170 29.2 20.2 30.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.124 min Scan# 1683

Delta R.T. 0.013 min

Lab File: BN036684.D

Acq: 18 Mar 2025 09:57

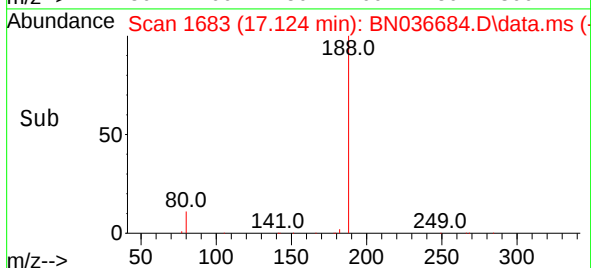
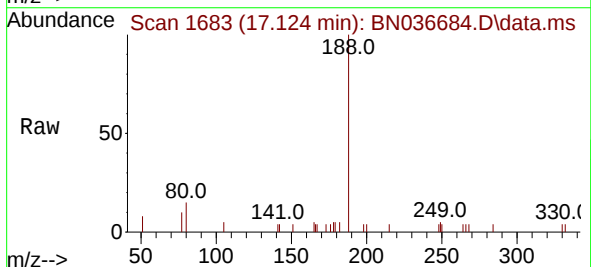
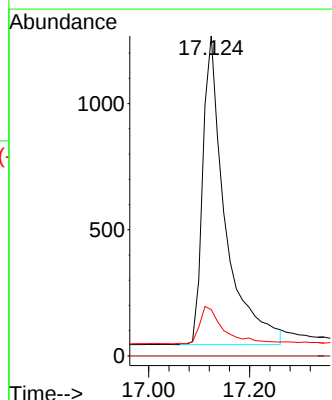
Tgt Ion:188 Resp: 3776

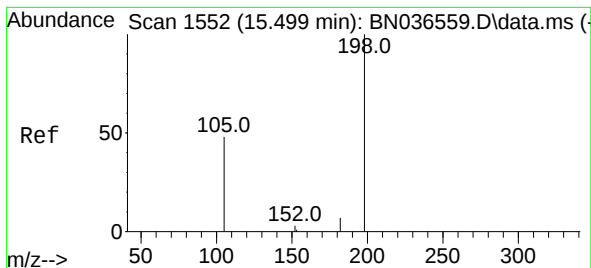
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.5 8.8 13.2#

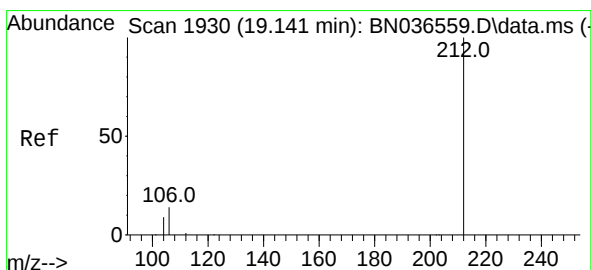
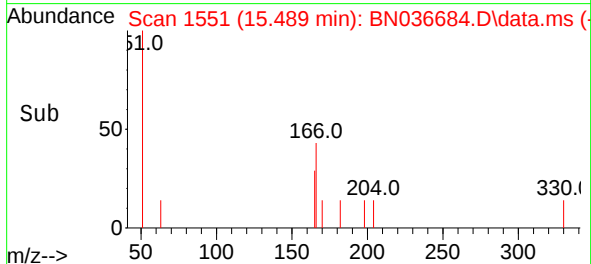
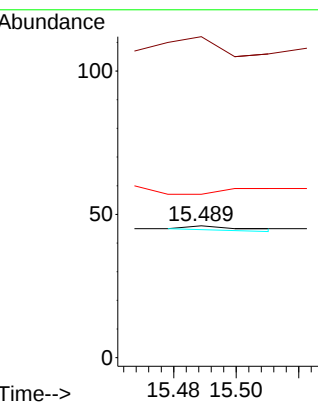
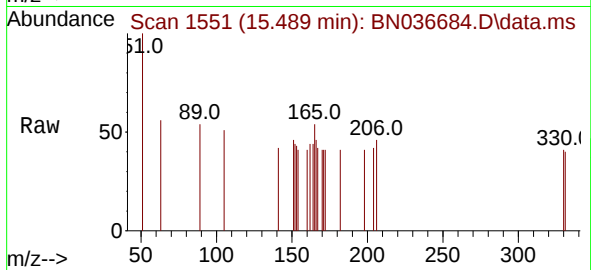




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.010 min
Lab File: BN036684.D
Acq: 18 Mar 2025 09:57

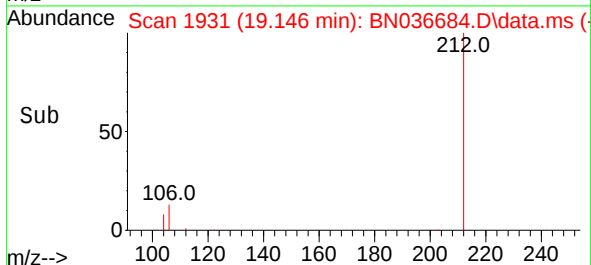
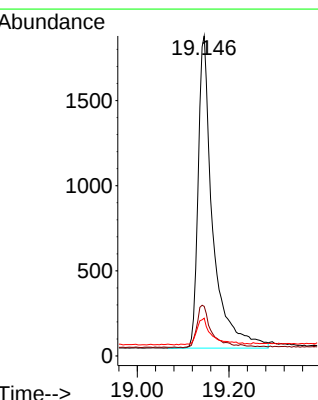
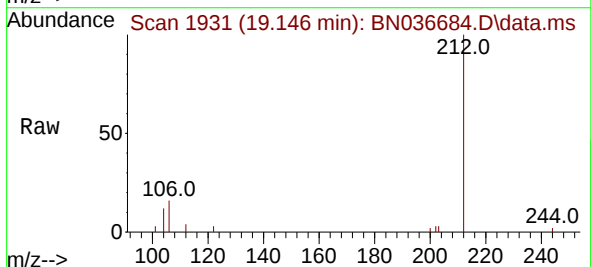
Instrument :
BNA_N
ClientSampleId :

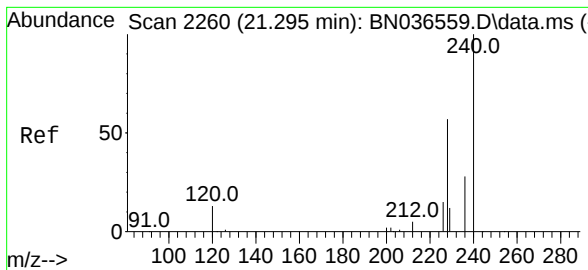
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 243.5 107.9 161.9#
105 123.9 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.146 min Scan# 1931
Delta R.T. 0.005 min
Lab File: BN036684.D
Acq: 18 Mar 2025 09:57

Tgt Ion:212 Resp: 4054
Ion Ratio Lower Upper
212 100
106 13.4 11.8 17.6
104 9.0 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: BN036684.D

Acq: 18 Mar 2025 09:57

Instrument :

BNA_N

ClientSampleId :

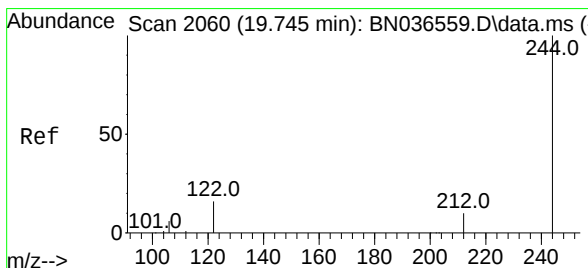
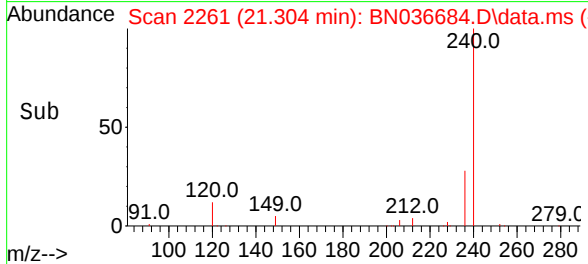
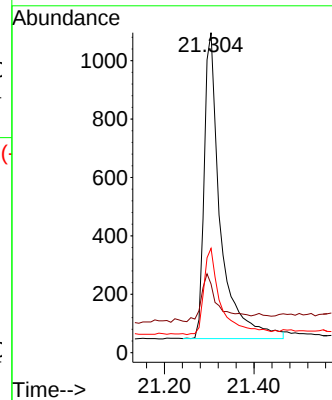
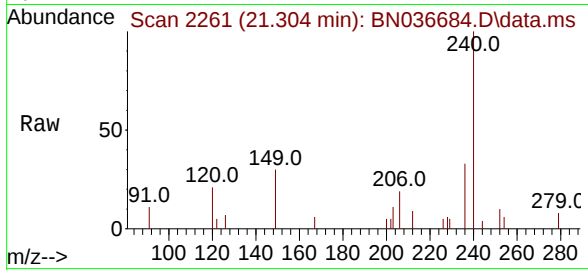
Tgt Ion:240 Resp: 2642

Ion Ratio Lower Upper

240 100

120 21.4 14.6 22.0

236 32.6 24.1 36.1



#31

Terphenyl-d14

Concen: 0.428 ng

RT: 19.745 min Scan# 2060

Delta R.T. 0.000 min

Lab File: BN036684.D

Acq: 18 Mar 2025 09:57

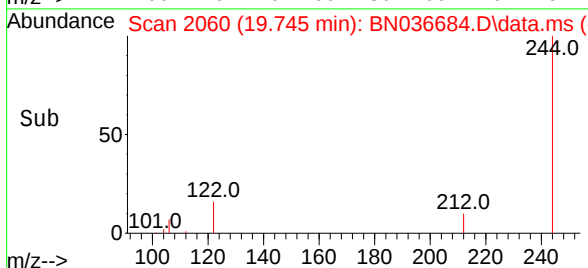
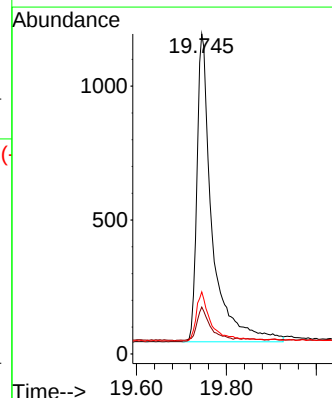
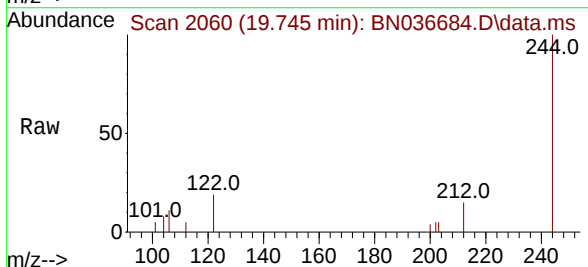
Tgt Ion:244 Resp: 2710

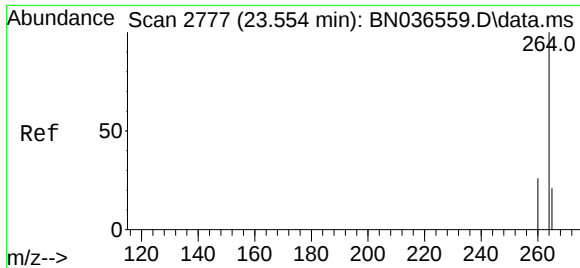
Ion Ratio Lower Upper

244 100

212 14.6 9.6 14.4#

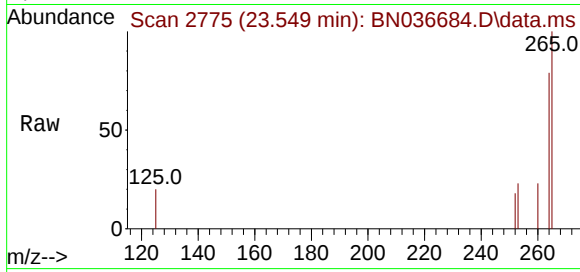
122 19.4 13.9 20.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.549 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN036684.D
Acq: 18 Mar 2025 09:57

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	2442
Ion	Ratio	Lower	Upper
264	100		
260	29.4	22.6	33.8
265	126.3	88.1	132.1

