

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036587.D
 Acq On : 11 Mar 2025 18:33
 Operator : RC/JU
 Sample : Q1531-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB01

Quant Time: Mar 12 01:09:05 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)

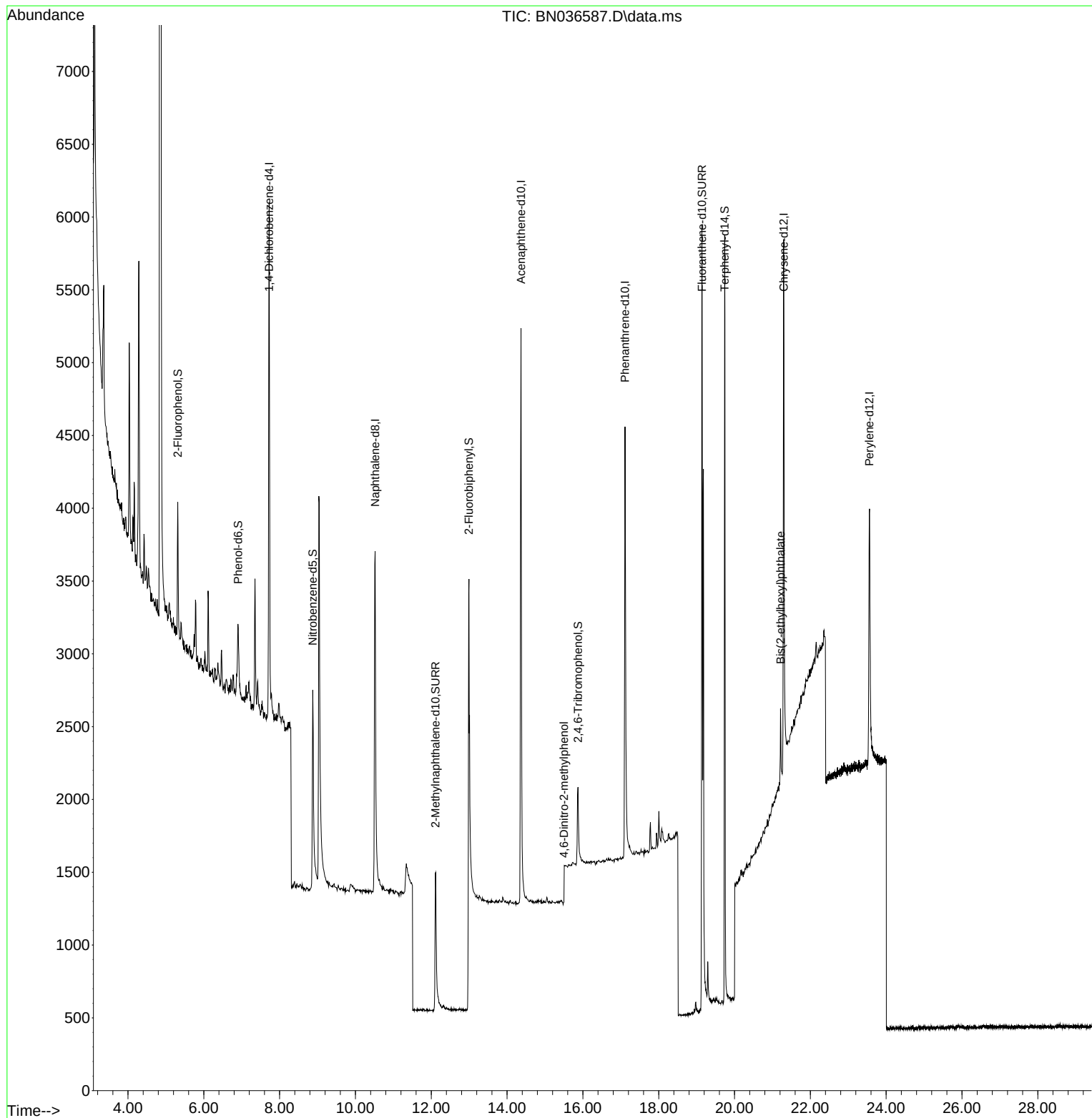
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1897	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	4317	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2633	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5337	0.400	ng	# 0.00
29) Chrysene-d12	21.295	240	4002	0.400	ng	0.00
35) Perylene-d12	23.557	264	3149	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	681	0.154	ng	0.00
5) Phenol-d6	6.908	99	442	0.081	ng	0.00
8) Nitrobenzene-d5	8.875	82	1539	0.328	ng	0.00
11) 2-Methylnaphthalene-d10	12.116	152	2100	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	471	0.394	ng	0.01
15) 2-Fluorobiphenyl	12.993	172	4935	0.322	ng	0.00
27) Fluoranthene-d10	19.141	212	6733	0.492	ng	0.00
31) Terphenyl-d14	19.740	244	5015	0.523	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.499	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	581	0.059	ng	99

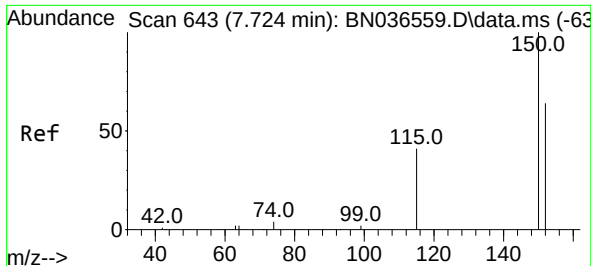
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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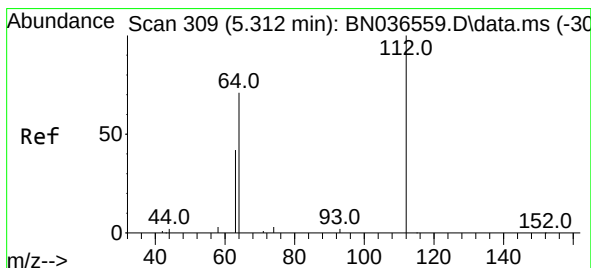
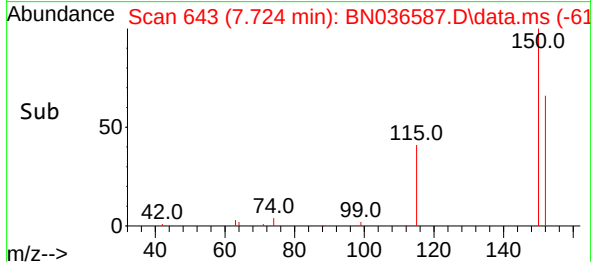
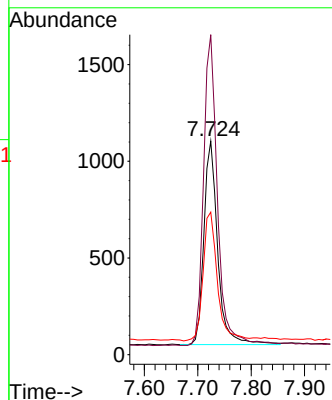
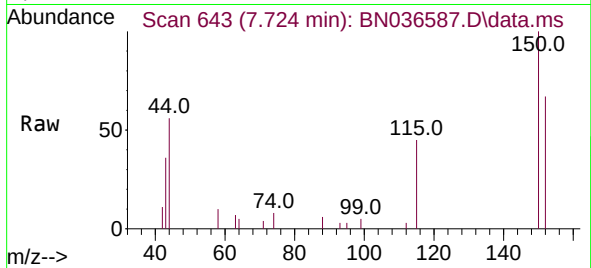




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 643
 Delta R.T. 0.000 min
 Lab File: BN036587.D
 Acq: 11 Mar 2025 18:33

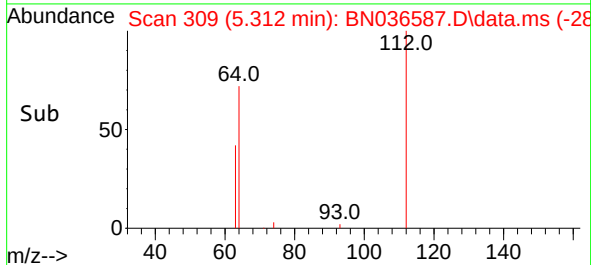
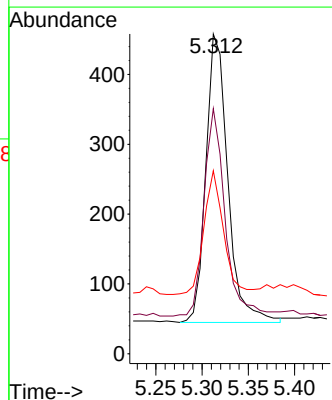
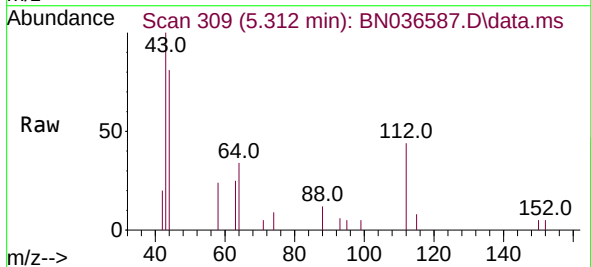
Instrument :
 BNA_N
 ClientSampleId :
 FB01

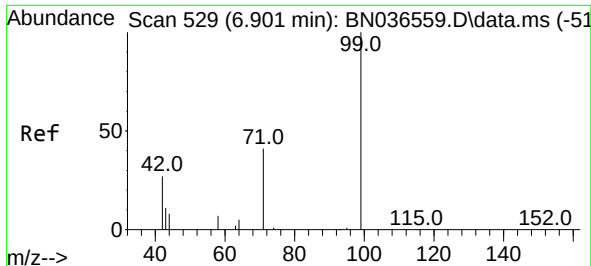
Tgt Ion:152 Resp: 1897
 Ion Ratio Lower Upper
 152 100
 150 149.8 123.7 185.5
 115 66.7 54.3 81.5



#4
 2-Fluorophenol
 Concen: 0.154 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: BN036587.D
 Acq: 11 Mar 2025 18:33

Tgt Ion:112 Resp: 681
 Ion Ratio Lower Upper
 112 100
 64 68.9 53.1 79.7
 63 38.0 31.8 47.8

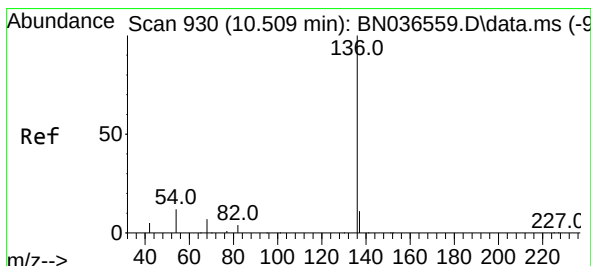
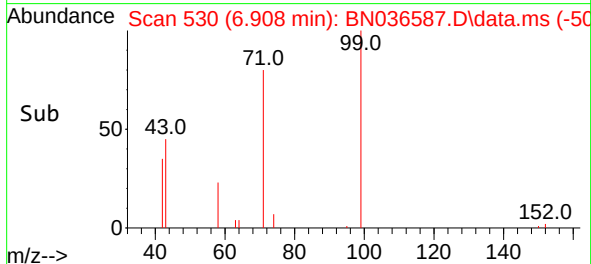
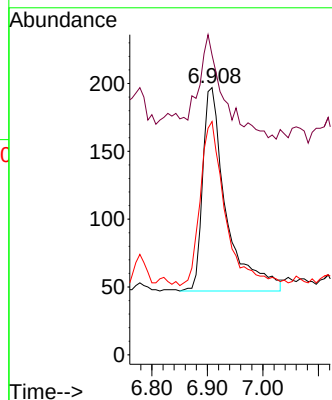
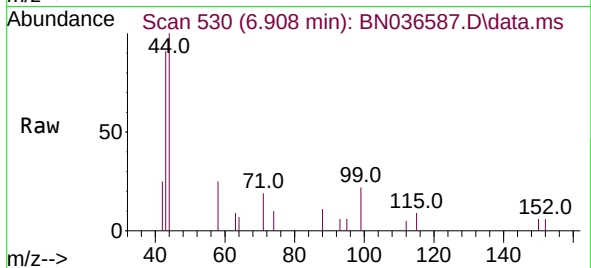




#5
Phenol-d6
Concen: 0.081 ng
RT: 6.908 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN036587.D
Acq: 11 Mar 2025 18:33

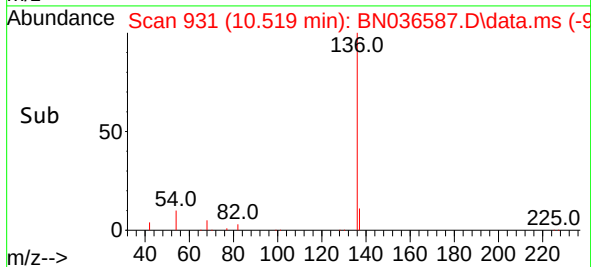
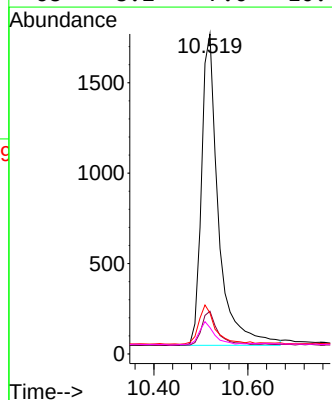
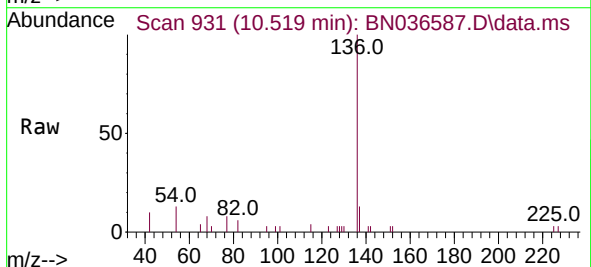
Instrument :
BNA_N
ClientSampleId :
FB01

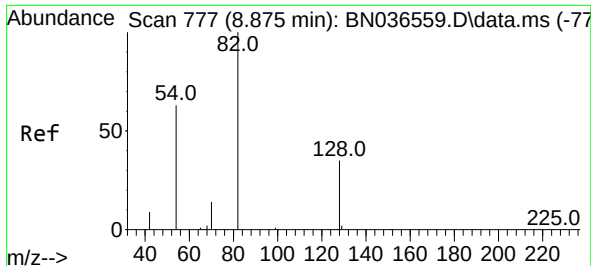
Tgt Ion: 99 Resp: 442
Ion Ratio Lower Upper
99 100
42 36.7 26.5 39.7
71 86.4 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036587.D
Acq: 11 Mar 2025 18:33

Tgt Ion: 136 Resp: 4317
Ion Ratio Lower Upper
136 100
137 13.3 10.3 15.5
54 12.8 11.5 17.3
68 8.2 7.0 10.4

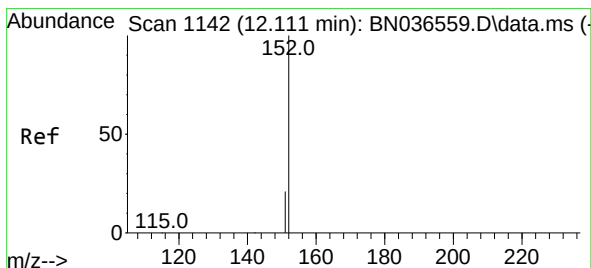
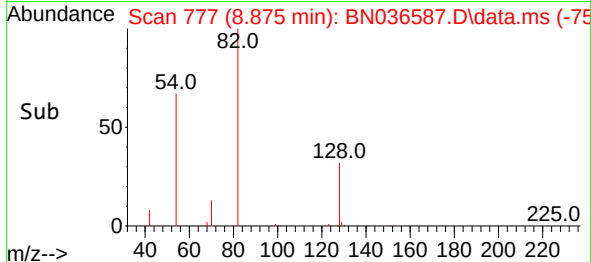
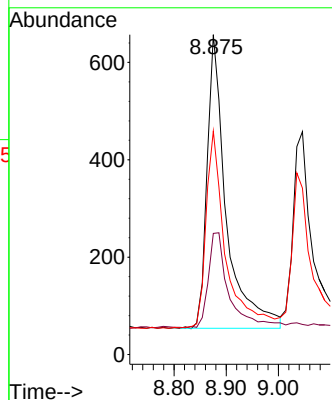
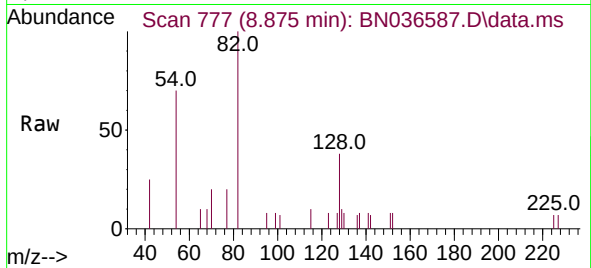




#8
 Nitrobenzene-d5
 Concen: 0.328 ng
 RT: 8.875 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN036587.D
 Acq: 11 Mar 2025 18:33

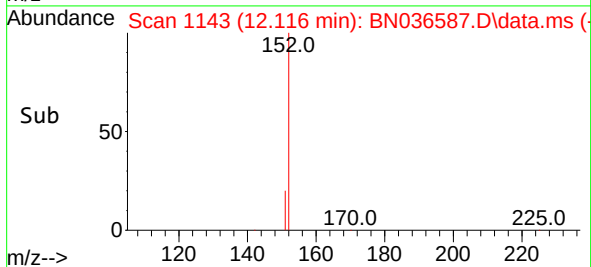
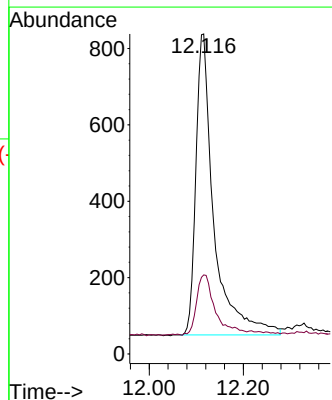
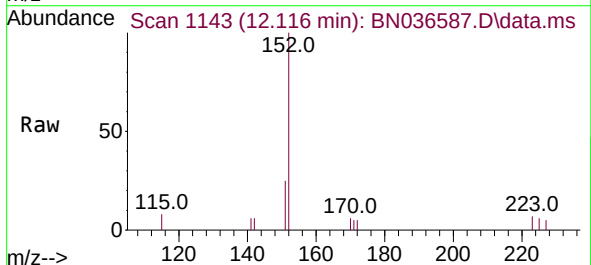
Instrument :
 BNA_N
 ClientSampleId :
 FB01

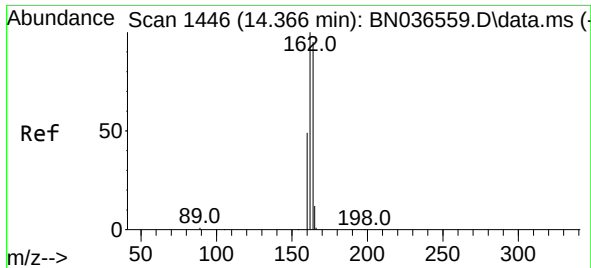
Tgt Ion: 82 Resp: 1539
 Ion Ratio Lower Upper
 82 100
 128 37.9 30.6 45.8
 54 69.9 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.327 ng
 RT: 12.116 min Scan# 1143
 Delta R.T. 0.005 min
 Lab File: BN036587.D
 Acq: 11 Mar 2025 18:33

Tgt Ion:152 Resp: 2100
 Ion Ratio Lower Upper
 152 100
 151 21.0 17.0 25.6

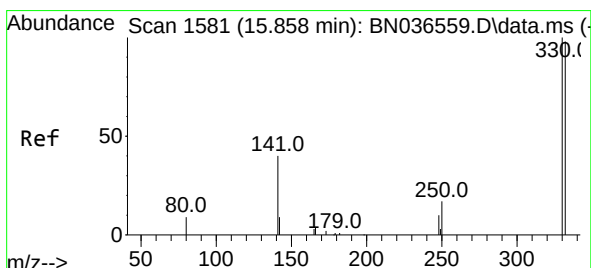
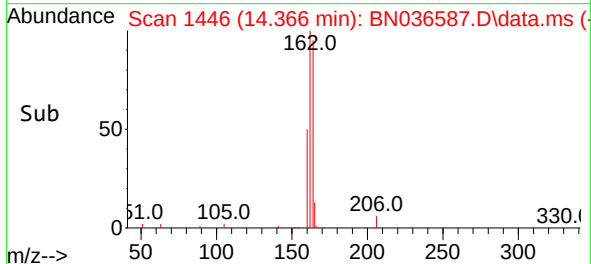
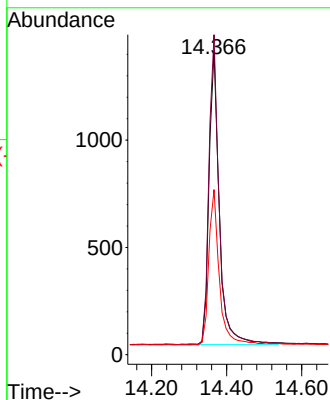
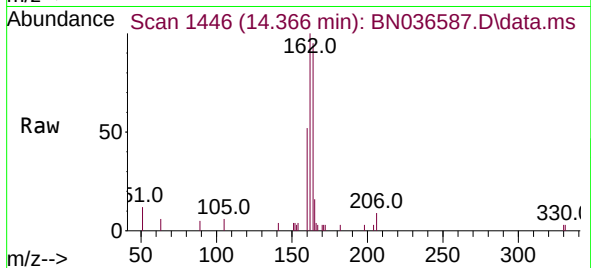




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036587.D
Acq: 11 Mar 2025 18:33

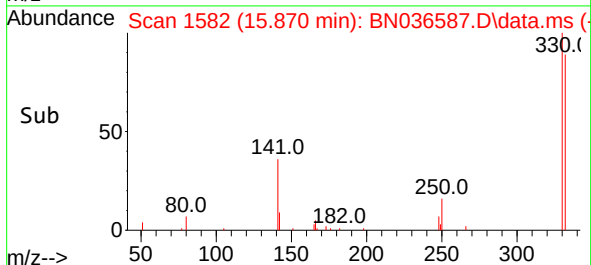
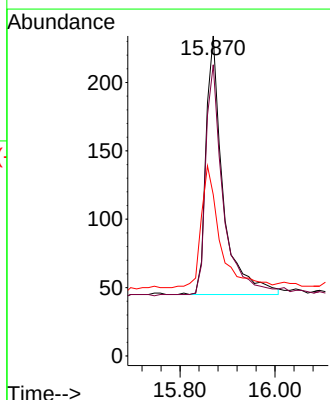
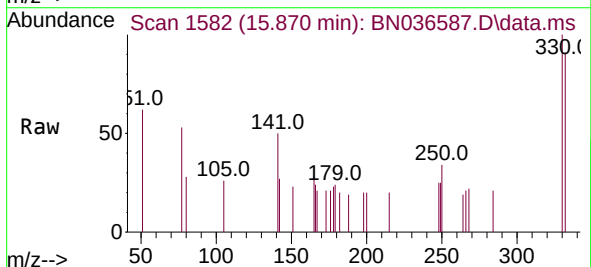
Instrument :
BNA_N
ClientSampleId :
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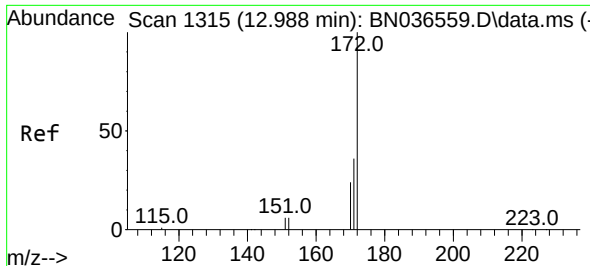
Tgt Ion:164 Resp: 2633
Ion Ratio Lower Upper
164 100
162 105.4 84.2 126.2
160 54.4 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 15.870 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BN036587.D
Acq: 11 Mar 2025 18:33

Tgt Ion:330 Resp: 471
Ion Ratio Lower Upper
330 100
332 90.4 75.2 112.8
141 51.8 43.4 65.2

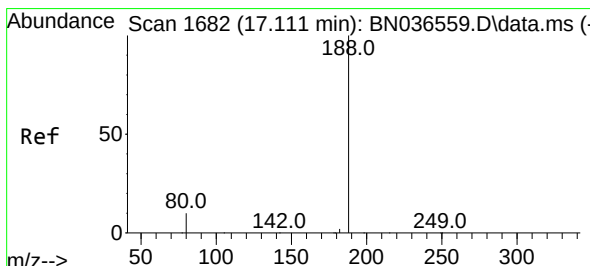
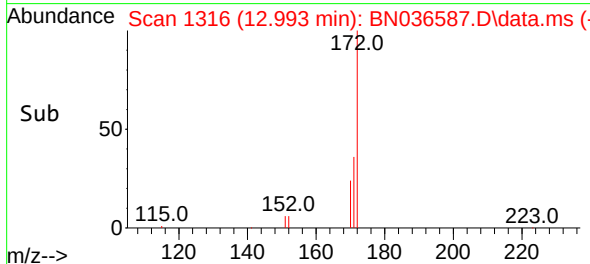
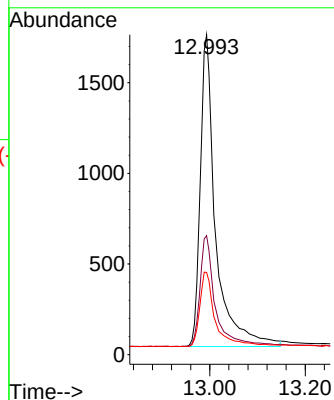
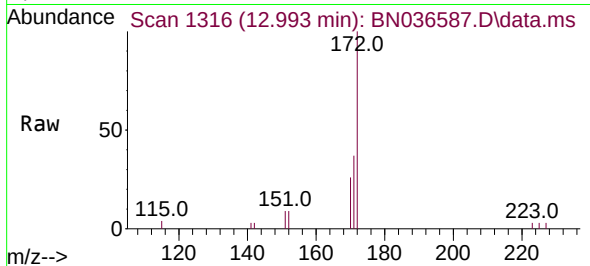




#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 12.993 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036587.D
Acq: 11 Mar 2025 18:33

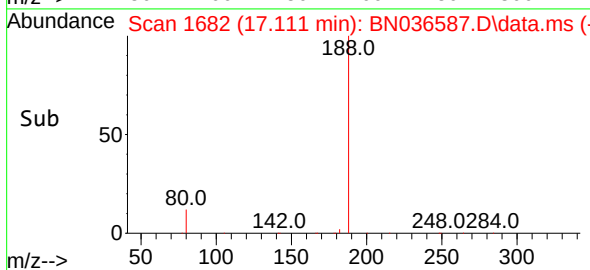
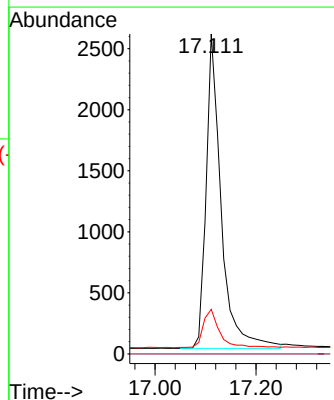
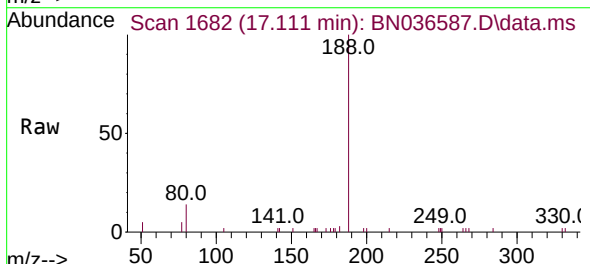
Instrument :
BNA_N
ClientSampleId :
FB01

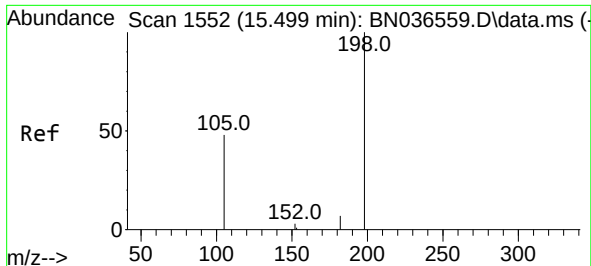
Tgt Ion:172 Resp: 4935
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 25.7 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036587.D
Acq: 11 Mar 2025 18:33

Tgt Ion:188 Resp: 5337
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 8.8 13.2#

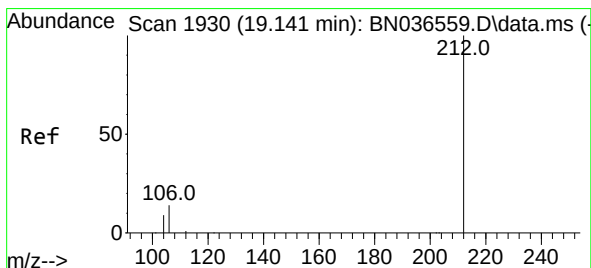
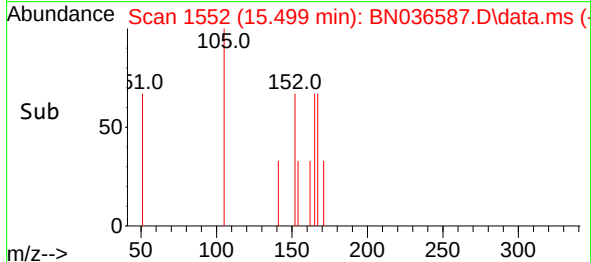
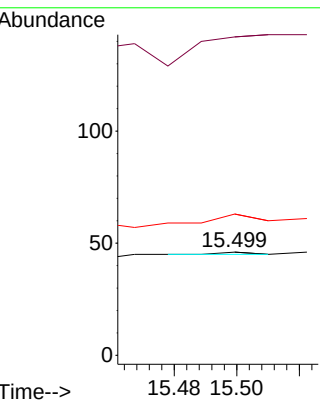
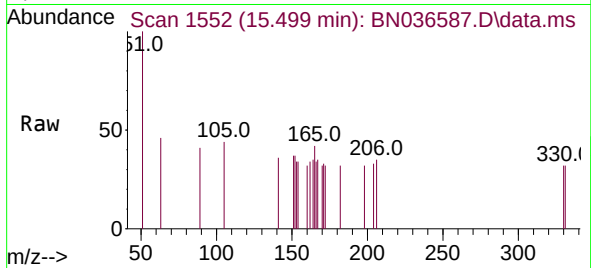




#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BN036587.D
Acq: 11 Mar 2025 18:33

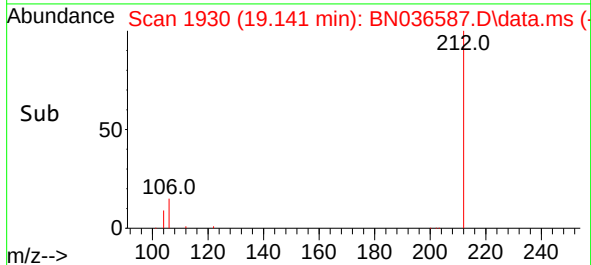
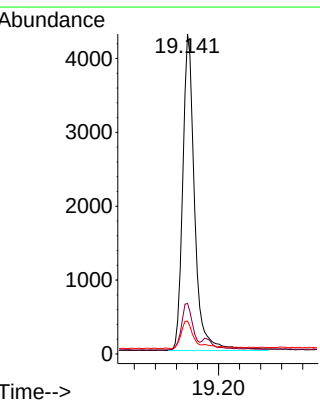
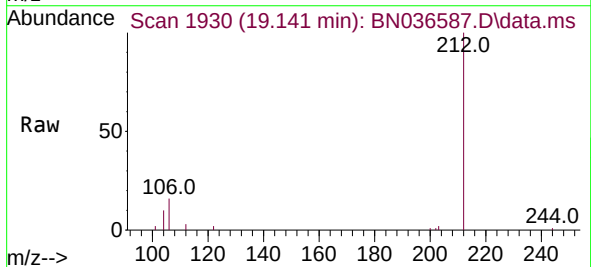
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BNA_N
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FB01

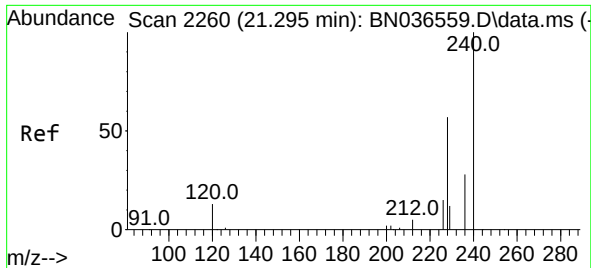
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 308.7 107.9 161.9#
105 137.0 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.492 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036587.D
Acq: 11 Mar 2025 18:33

Tgt Ion:212 Resp: 6733
Ion Ratio Lower Upper
212 100
106 14.0 11.8 17.6
104 9.9 7.3 10.9

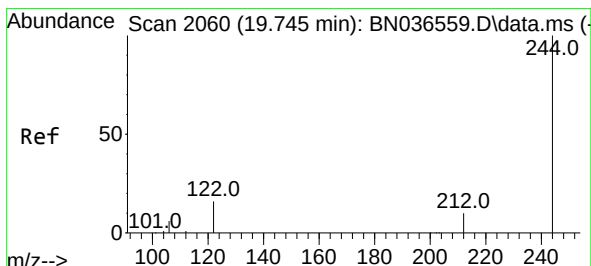
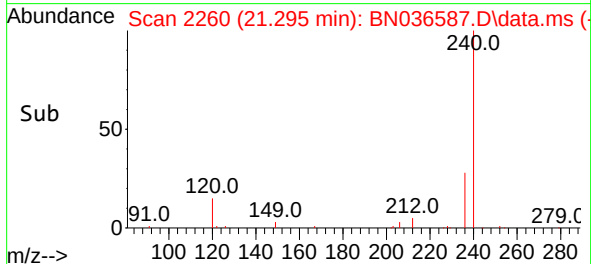
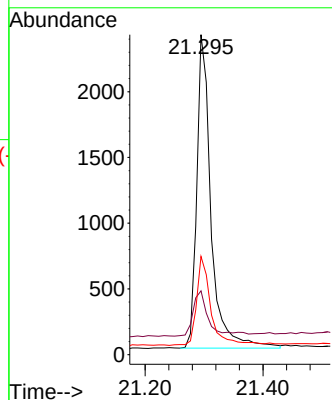
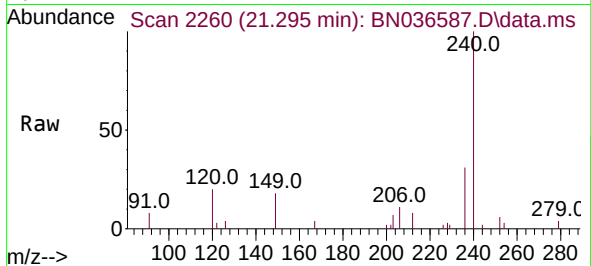




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036587.D
Acq: 11 Mar 2025 18:33

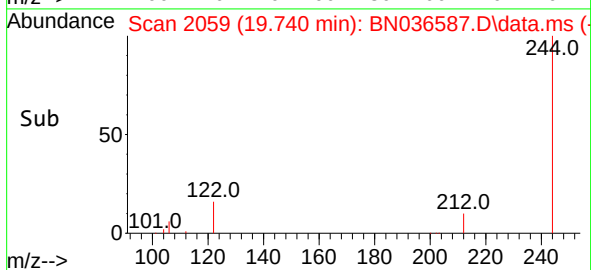
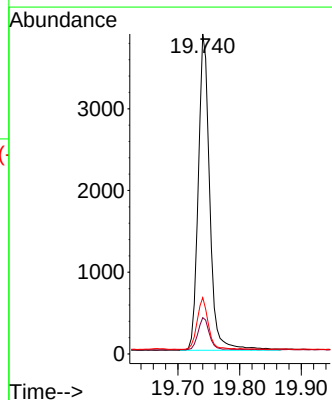
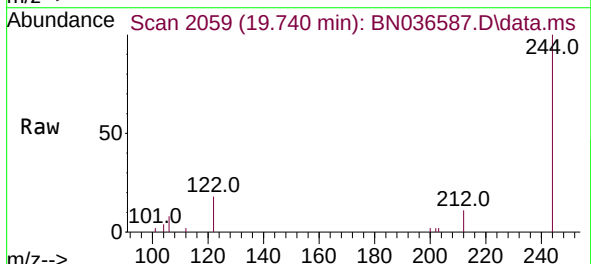
Instrument :
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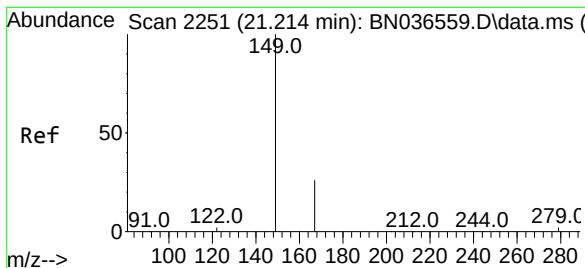
Tgt Ion:240 Resp: 4002
Ion Ratio Lower Upper
240 100
120 20.0 14.6 22.0
236 30.7 24.1 36.1



#31
Terphenyl-d14
Concen: 0.523 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN036587.D
Acq: 11 Mar 2025 18:33

Tgt Ion:244 Resp: 5015
Ion Ratio Lower Upper
244 100
212 11.4 9.6 14.4
122 17.6 13.9 20.9

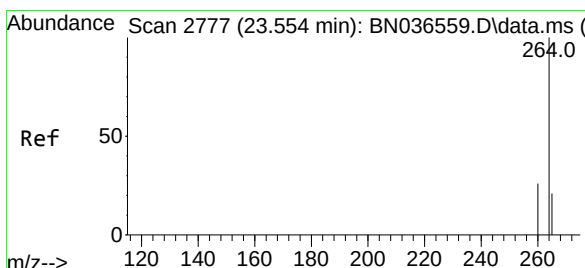
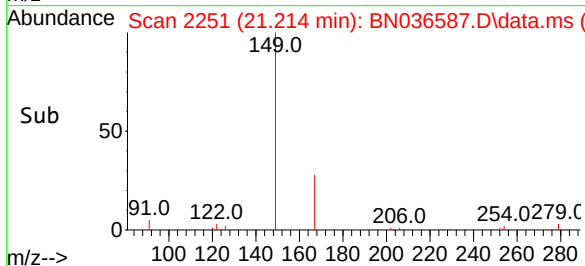
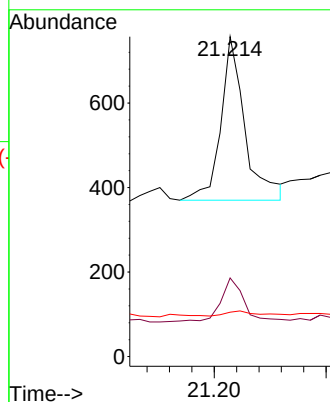
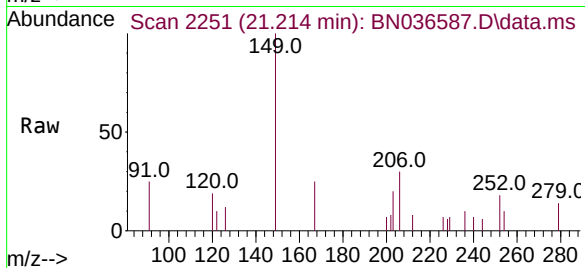




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.059 ng
RT: 21.214 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036587.D
Acq: 11 Mar 2025 18:33

Instrument :
BNA_N
ClientSampleId :
FB01

Tgt Ion:149 Resp: 581
Ion Ratio Lower Upper
149 100
167 25.1 20.7 31.1
279 4.3 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.557 min Scan# 2778
Delta R.T. 0.003 min
Lab File: BN036587.D
Acq: 11 Mar 2025 18:33

Tgt Ion:264 Resp: 3149
Ion Ratio Lower Upper
264 100
260 28.9 22.6 33.8
265 121.5 88.1 132.1

