

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036583.D
 Acq On : 11 Mar 2025 16:09
 Operator : RC/JU
 Sample : Q1531-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20250306

Quant Time: Mar 11 16:49:26 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)

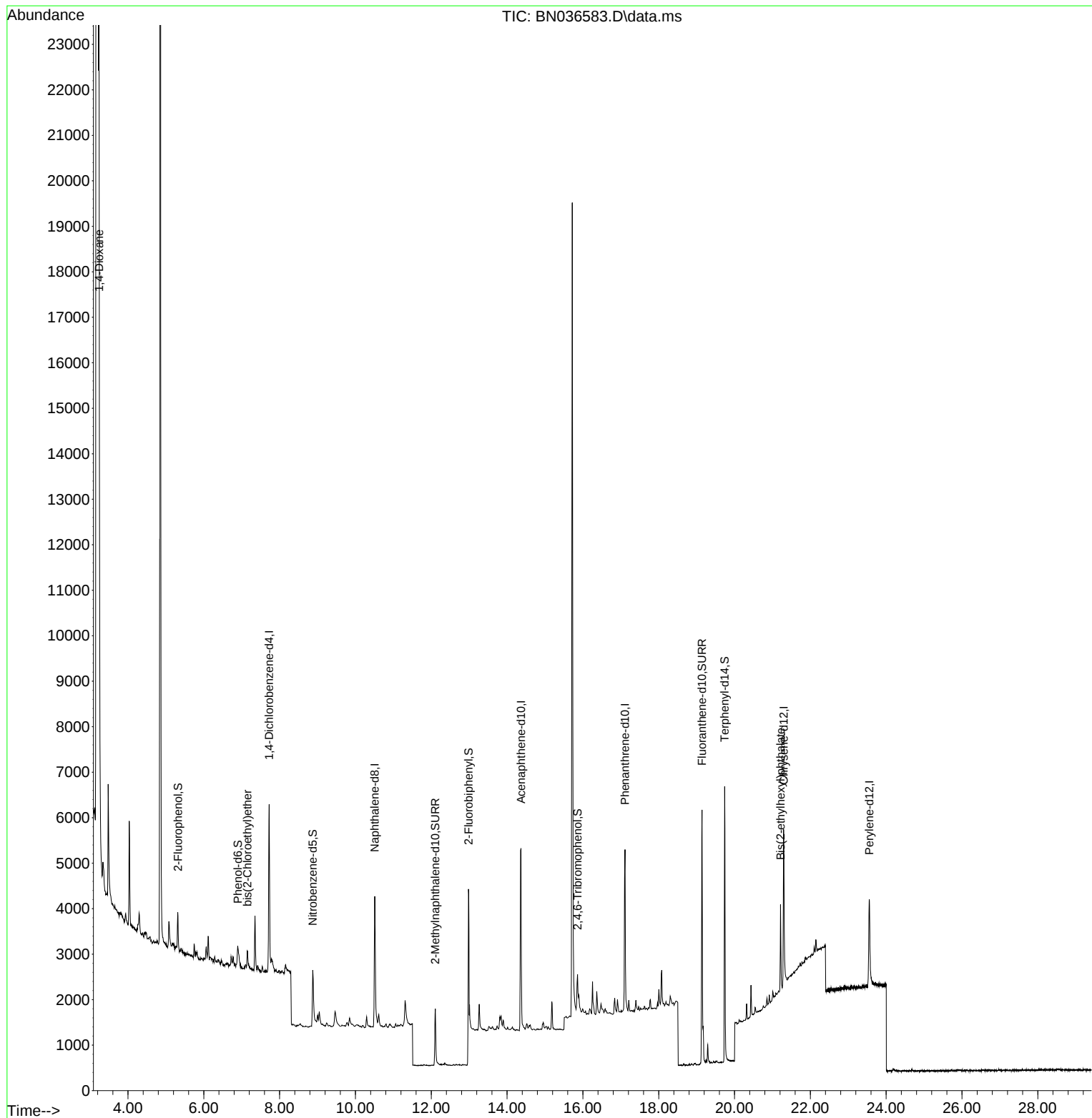
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1904	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4283	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	2637	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5582	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3932	0.400	ng	0.00
35) Perylene-d12	23.554	264	3177	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	635	0.143	ng	0.00
5) Phenol-d6	6.901	99	399	0.073	ng	0.00
8) Nitrobenzene-d5	8.875	82	1418	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2046	0.321	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	500	0.418	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5552	0.362	ng	0.00
27) Fluoranthene-d10	19.141	212	6475	0.453	ng	0.00
31) Terphenyl-d14	19.740	244	6039	0.641	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	5780	2.737	ng	96
6) bis(2-Chloroethyl)ether	7.154	93	296	0.052	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.214	149	1945	0.200	ng	# 93

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

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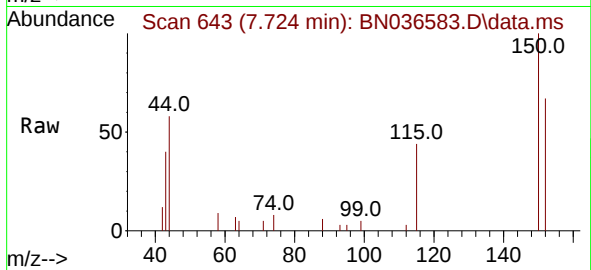
Quant Time: Mar 11 16:49:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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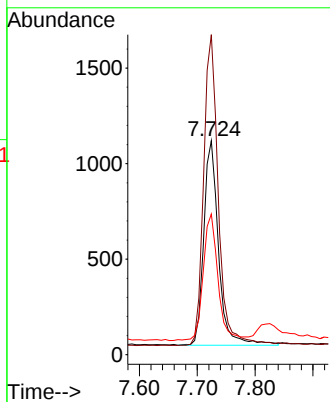
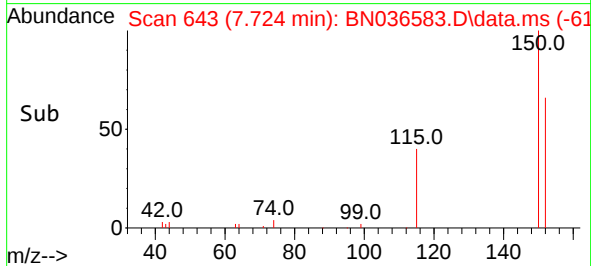


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036583.D
 Acq: 11 Mar 2025 16:09

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20250306

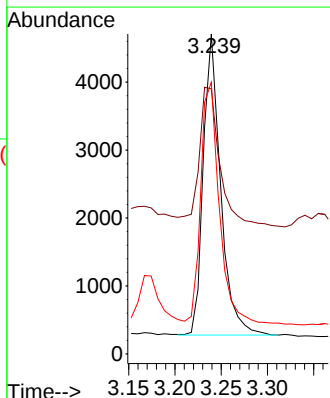
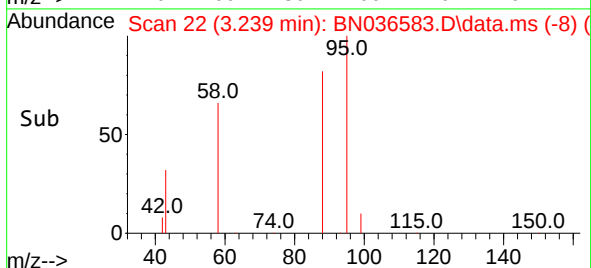
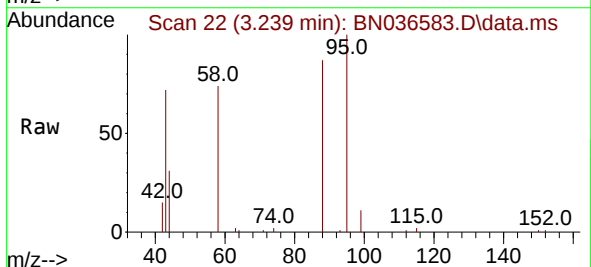


Tgt Ion:152 Resp: 1904
 Ion Ratio Lower Upper
 152 100
 150 149.6 123.7 185.5
 115 65.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 2.737 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036583.D
 Acq: 11 Mar 2025 16:09

Tgt Ion: 88 Resp: 5780
 Ion Ratio Lower Upper
 88 100
 43 54.9 37.8 56.8
 58 84.6 67.4 101.2

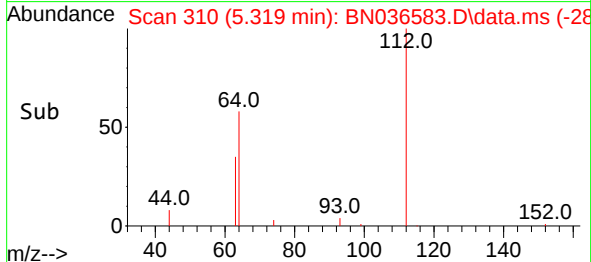
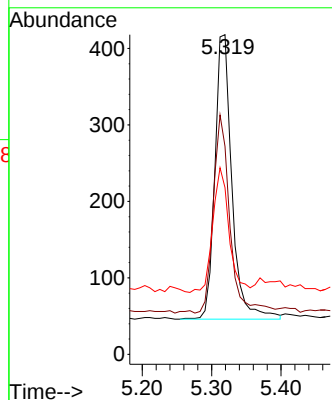
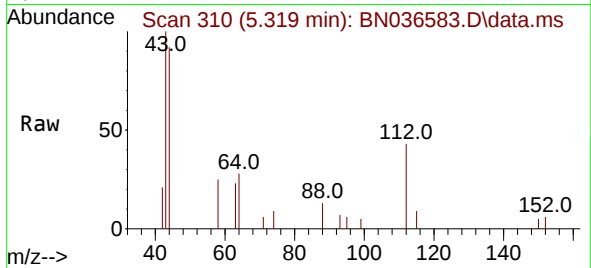




#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

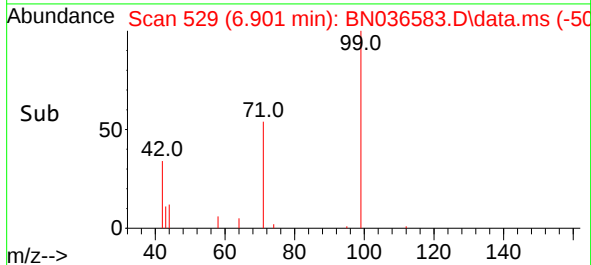
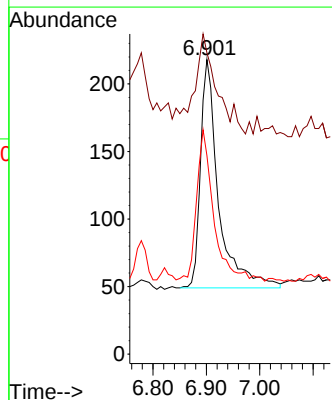
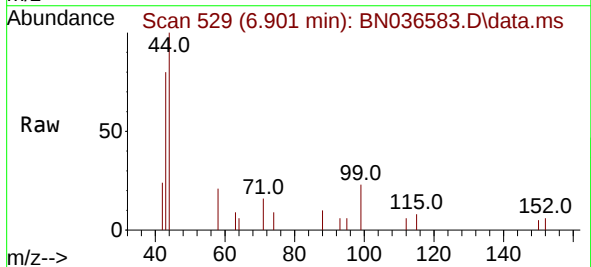
Instrument :
BNA_N
ClientSampleId :
RE108D2-20250306

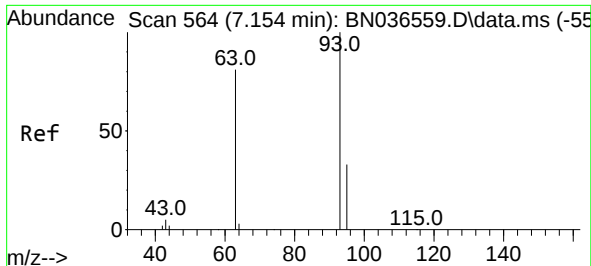
Tgt Ion:112 Resp: 635
Ion Ratio Lower Upper
112 100
64 67.9 53.1 79.7
63 42.2 31.8 47.8



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

Tgt Ion: 99 Resp: 399
Ion Ratio Lower Upper
99 100
42 48.9 26.5 39.7#
71 63.2 34.1 51.1#

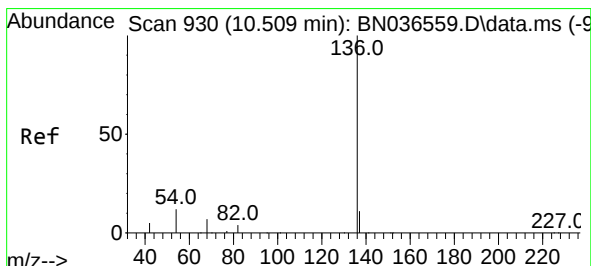
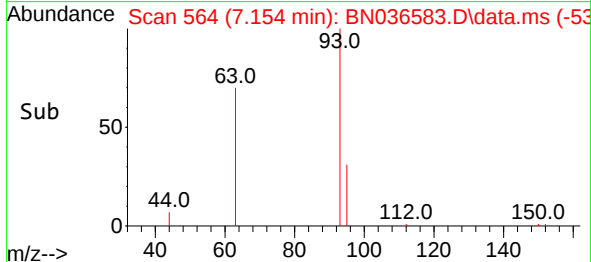
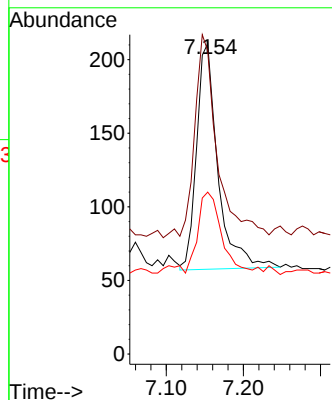
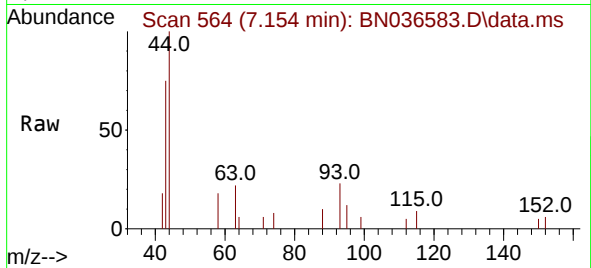




#6
bis(2-Chloroethyl)ether
Concen: 0.052 ng
RT: 7.154 min Scan# 564
Delta R.T. 0.000 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

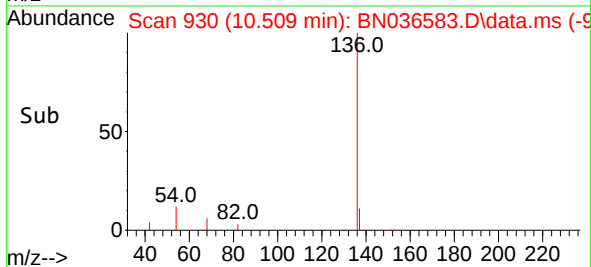
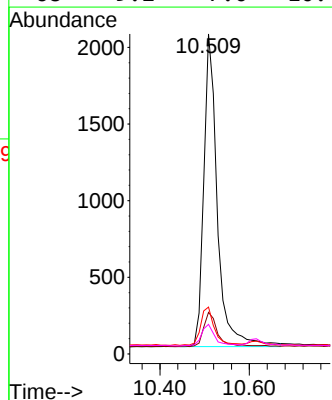
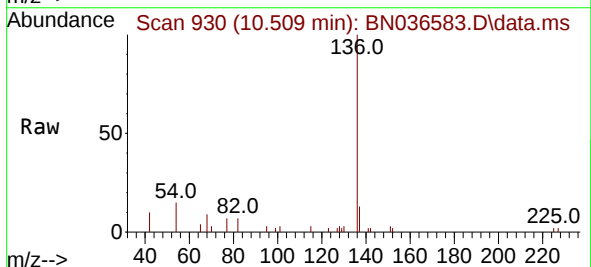
Instrument :
BNA_N
ClientSampleId :
RE108D2-20250306

Tgt Ion: 93 Resp: 296
Ion Ratio Lower Upper
93 100
63 95.6 67.7 101.5
95 38.9 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

Tgt Ion:136 Resp: 4283
Ion Ratio Lower Upper
136 100
137 13.0 10.3 15.5
54 14.7 11.5 17.3
68 9.2 7.0 10.4

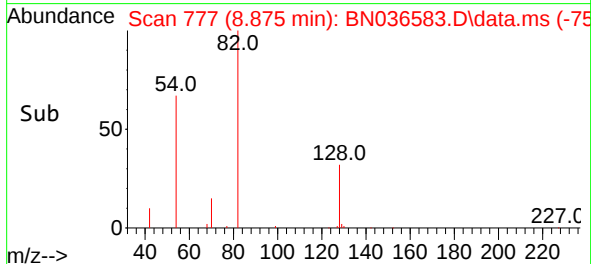
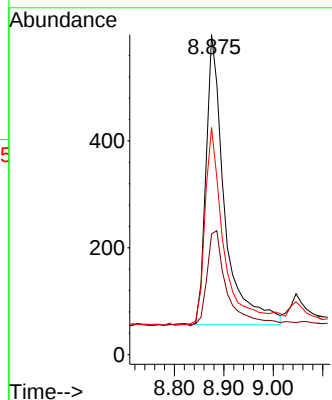
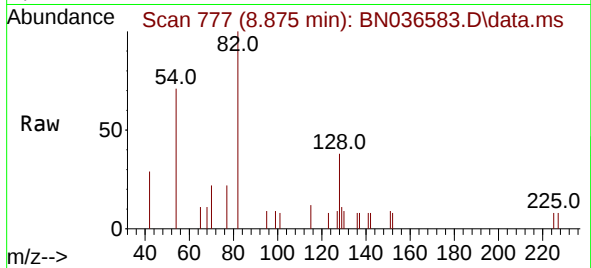




#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

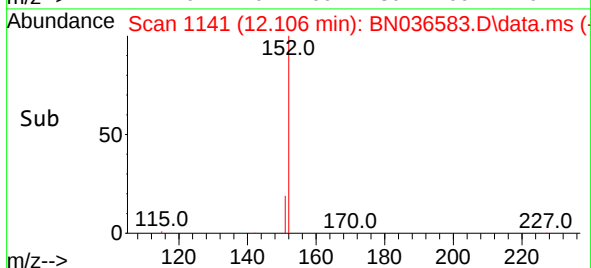
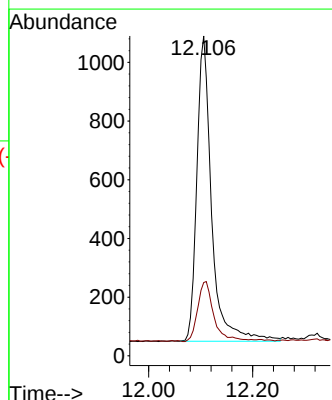
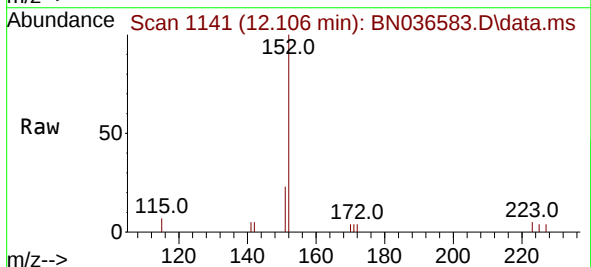
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ClientSampleId :
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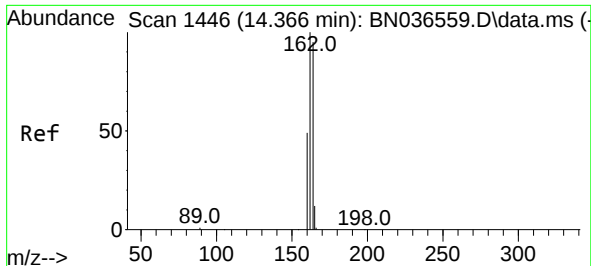
Tgt Ion: 82 Resp: 1418
Ion Ratio Lower Upper
82 100
128 37.7 30.6 45.8
54 71.0 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

Tgt Ion: 152 Resp: 2046
Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.6

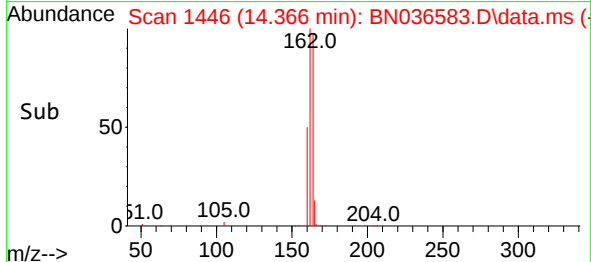
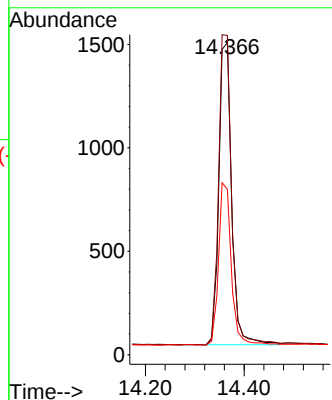
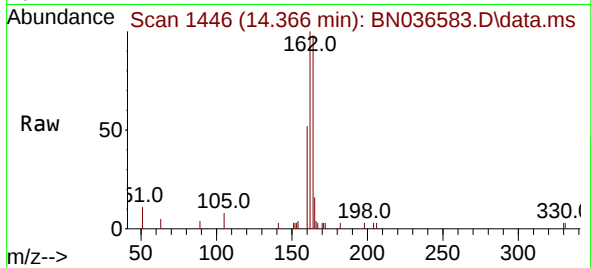




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

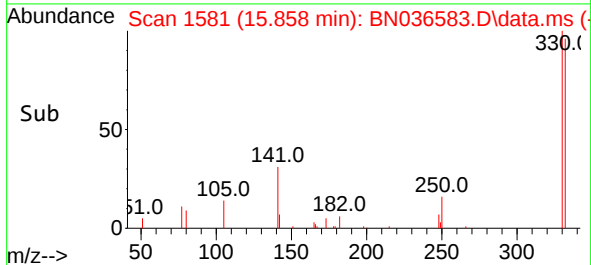
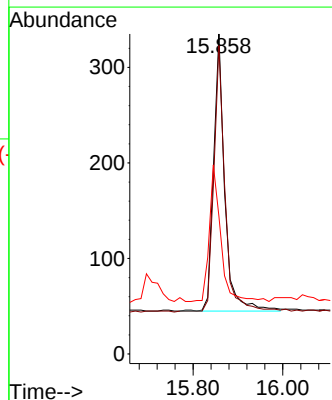
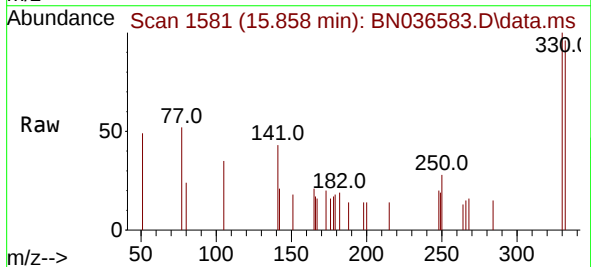
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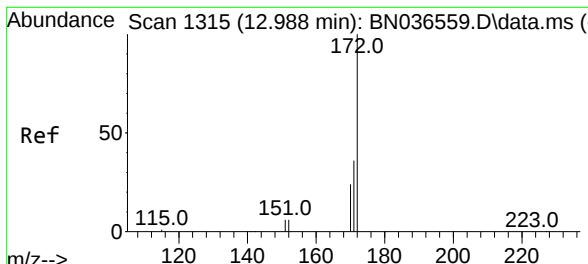
Tgt Ion:164 Resp: 2637
Ion Ratio Lower Upper
164 100
162 102.3 84.2 126.2
160 53.0 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.418 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

Tgt Ion:330 Resp: 500
Ion Ratio Lower Upper
330 100
332 93.6 75.2 112.8
141 50.2 43.4 65.2

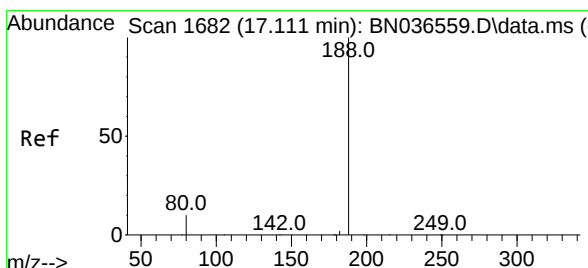
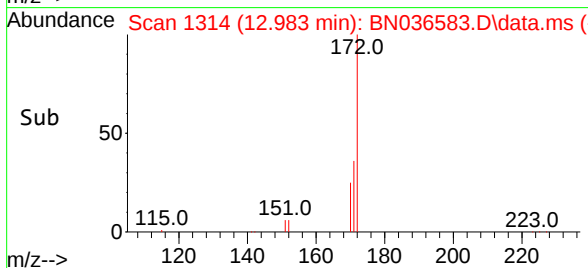
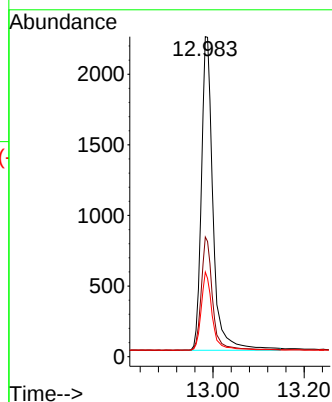
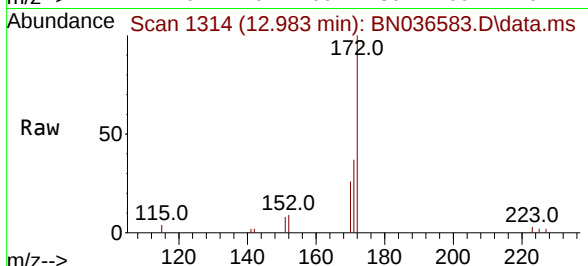




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

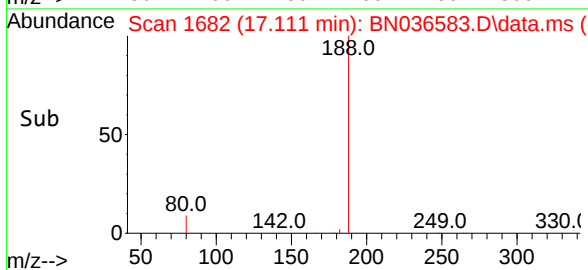
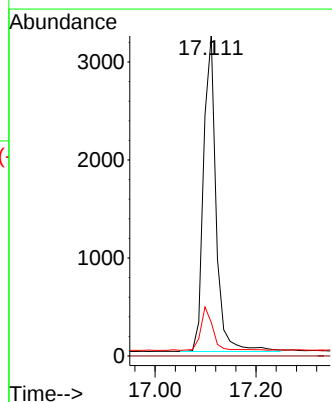
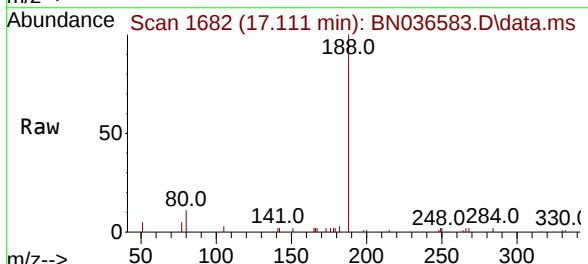
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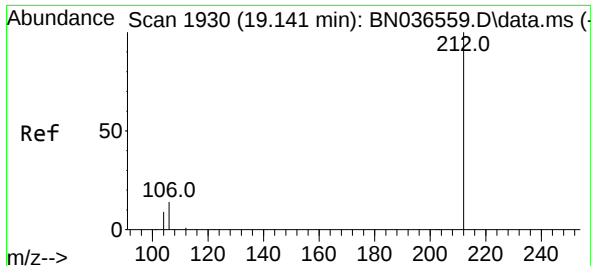
Tgt Ion:	172	Resp:	5552
Ion Ratio	Lower	Upper	
172	100		
171	37.4	29.5	44.3
170	26.4	20.2	30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

Tgt Ion:	188	Resp:	5582
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.5	8.8	13.2

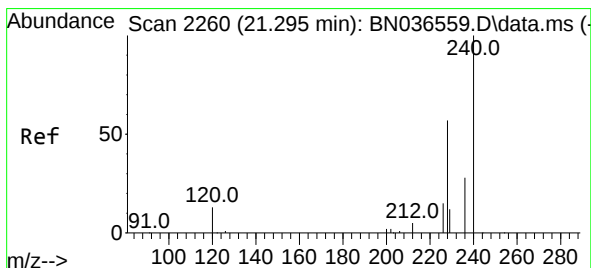
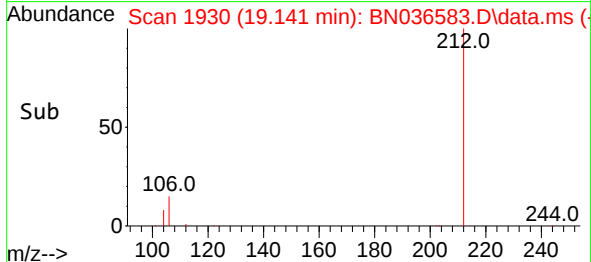
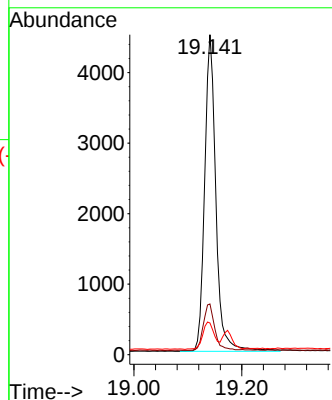
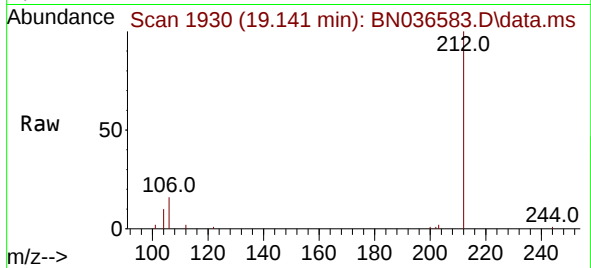




#27
Fluoranthene-d10
Concen: 0.453 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

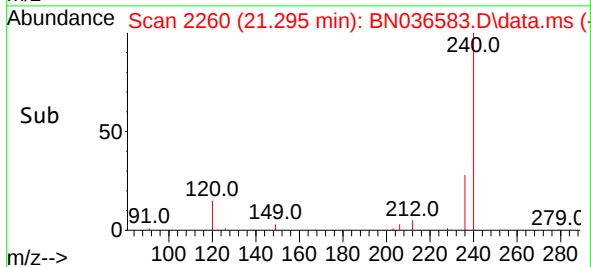
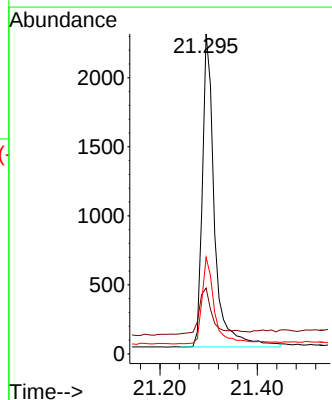
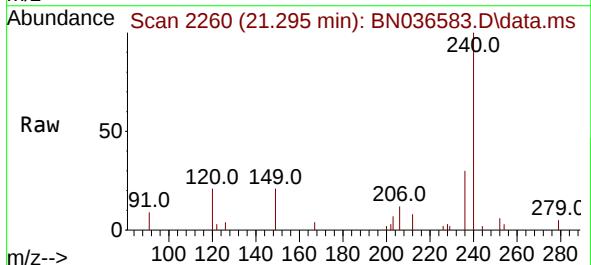
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Tgt Ion:212 Resp: 6475
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.6
104 9.1 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

Tgt Ion:240 Resp: 3932
Ion Ratio Lower Upper
240 100
120 20.6 14.6 22.0
236 30.2 24.1 36.1

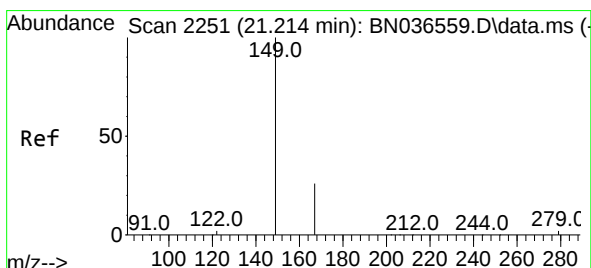
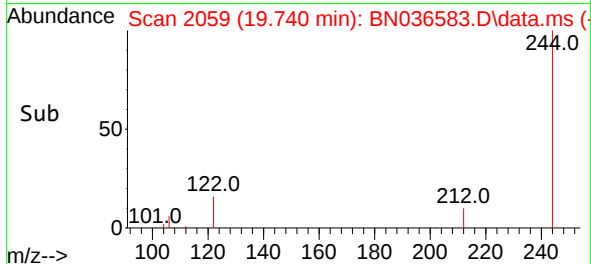
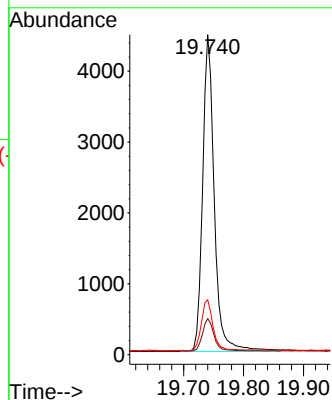
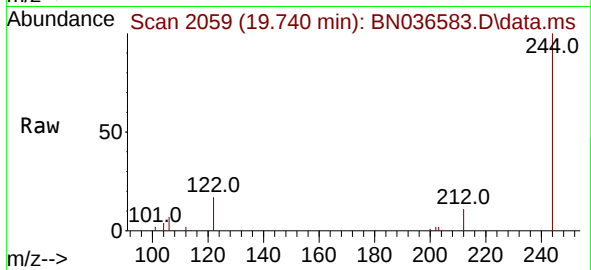




#31
 Terphenyl-d14
 Concen: 0.641 ng
 RT: 19.740 min Scan# 2060
 Delta R.T. -0.005 min
 Lab File: BN036583.D
 Acq: 11 Mar 2025 16:09

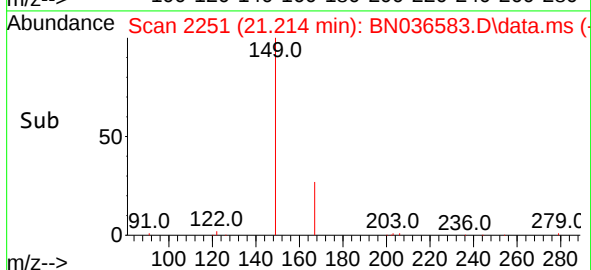
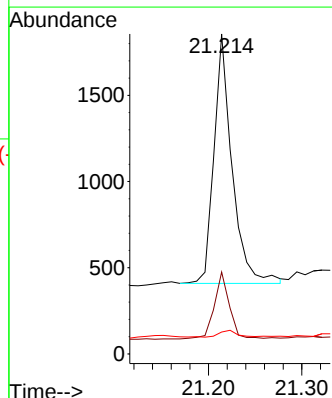
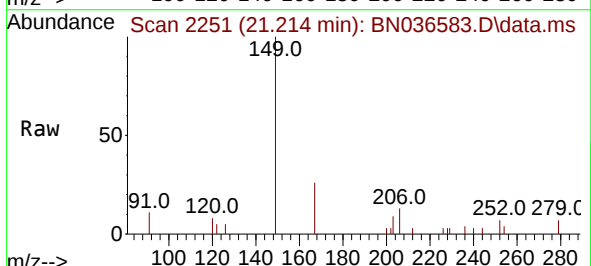
Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20250306

Tgt Ion:244 Resp: 6039
 Ion Ratio Lower Upper
 244 100
 212 11.3 9.6 14.4
 122 17.2 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.200 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036583.D
 Acq: 11 Mar 2025 16:09

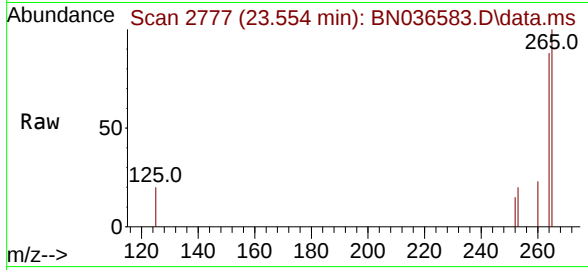
Tgt Ion:149 Resp: 1945
 Ion Ratio Lower Upper
 149 100
 167 22.3 20.7 31.1
 279 2.6 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.554 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036583.D
Acq: 11 Mar 2025 16:09

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250306



Tgt Ion:	264	Resp:	3177
Ion	Ratio	Lower	Upper
264	100		
260	25.8	22.6	33.8
265	113.7	88.1	132.1

