

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036585.D
 Acq On : 11 Mar 2025 17:21
 Operator : RC/JU
 Sample : Q1531-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20250307

Quant Time: Mar 11 18:05:53 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)

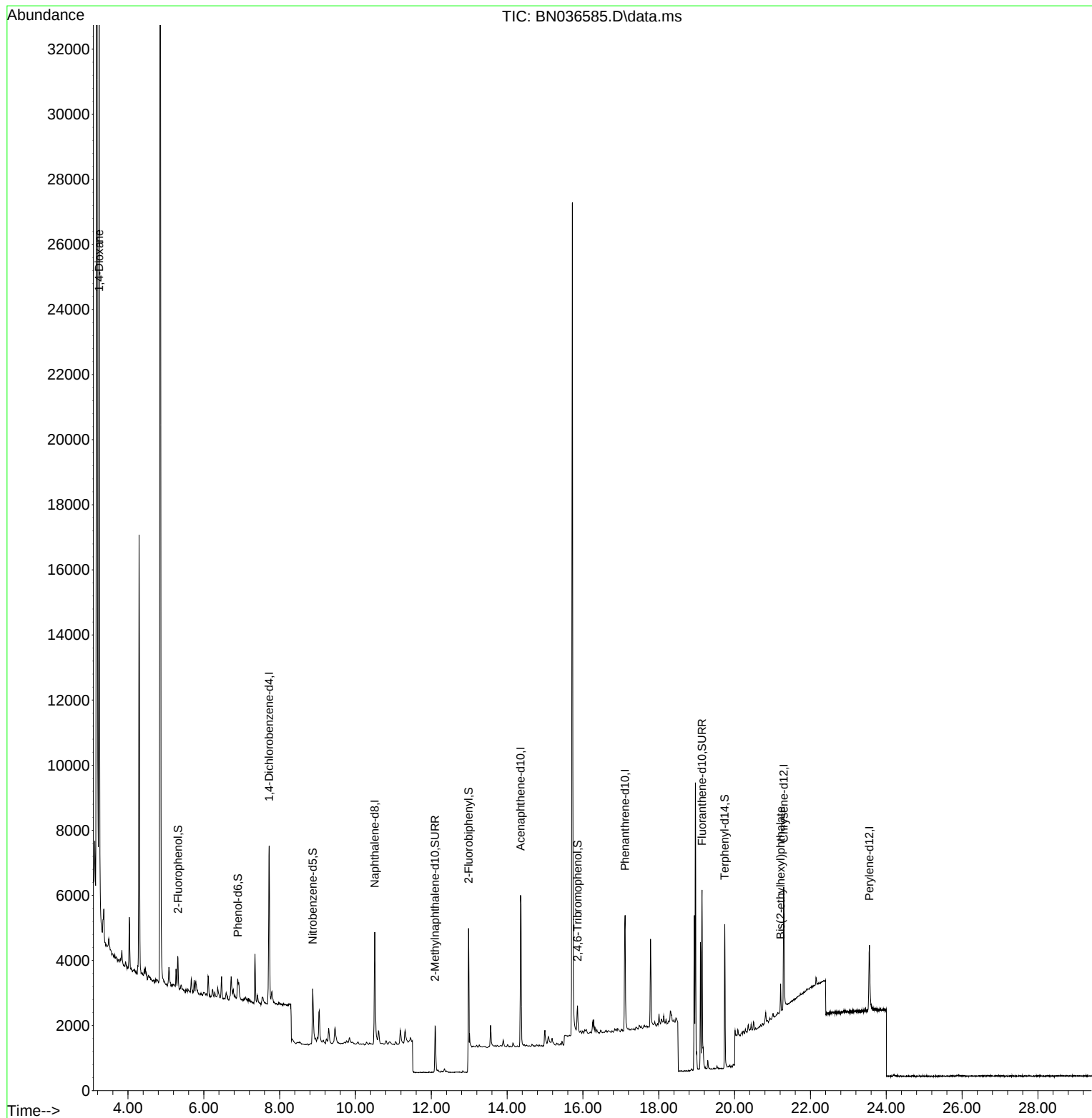
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2166	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4992	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2872	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	5521	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3922	0.400	ng	0.00
35) Perylene-d12	23.554	264	3017	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	718	0.142	ng	0.00
5) Phenol-d6	6.901	99	513	0.082	ng	0.00
8) Nitrobenzene-d5	8.875	82	1543	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2295	0.309	ng	-0.01
14) 2,4,6-Tribromophenol	15.858	330	469	0.360	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5973	0.358	ng	0.00
27) Fluoranthene-d10	19.141	212	6239	0.441	ng	0.00
31) Terphenyl-d14	19.740	244	4235	0.451	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	14140	5.885	ng	97
34) Bis(2-ethylhexyl)phtha...	21.214	149	870	0.090	ng	# 98

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

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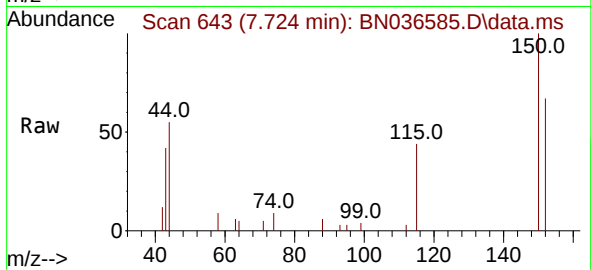
Quant Time: Mar 11 18:05:53 2025
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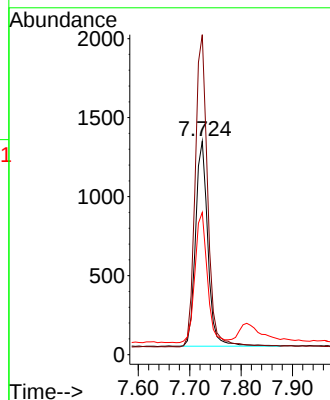
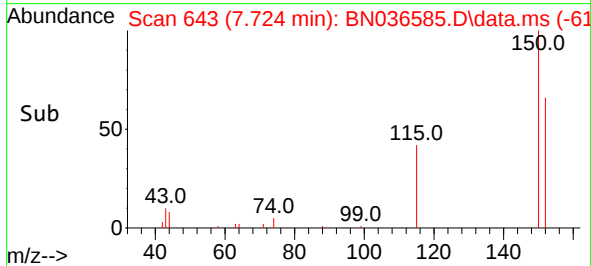


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036585.D
 Acq: 11 Mar 2025 17:21

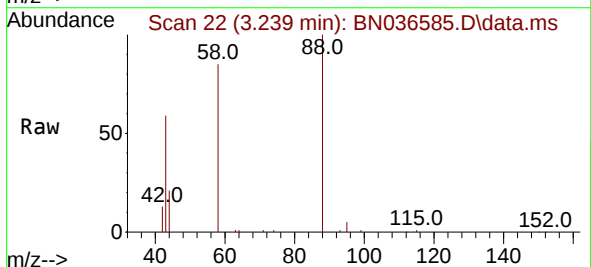
Instrument :
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 ClientSampleId :
 RE125D1-20250307



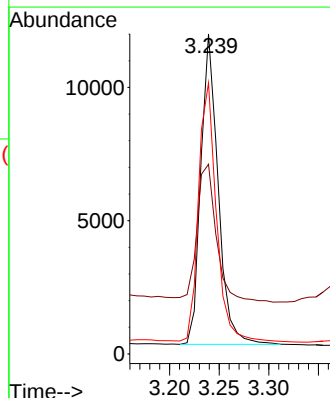
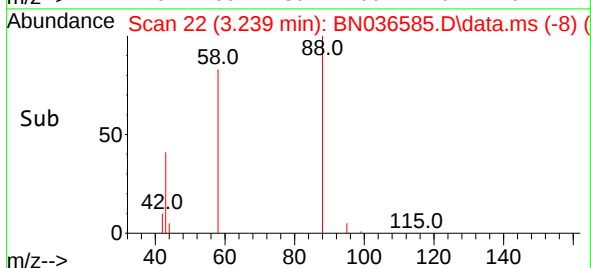
Tgt Ion:152 Resp: 2166
 Ion Ratio Lower Upper
 152 100
 150 149.9 123.7 185.5
 115 66.6 54.3 81.5



#2
 1,4-Dioxane
 Concen: 5.885 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036585.D
 Acq: 11 Mar 2025 17:21



Tgt Ion: 88 Resp: 14140
 Ion Ratio Lower Upper
 88 100
 43 50.2 37.8 56.8
 58 85.6 67.4 101.2

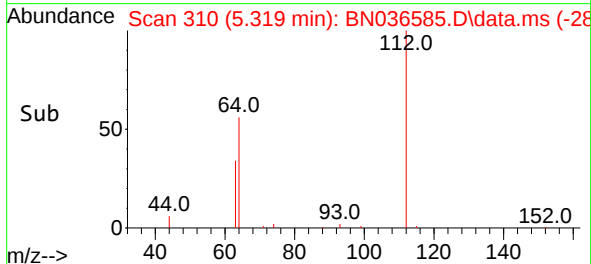
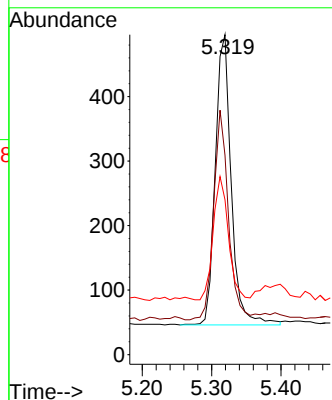
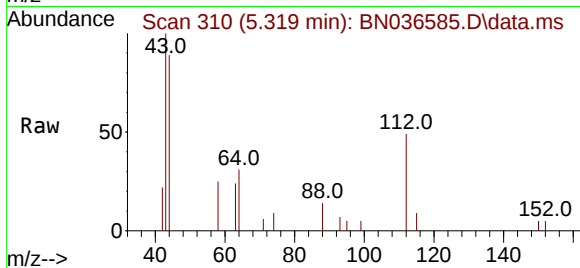




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036585.D
Acq: 11 Mar 2025 17:21

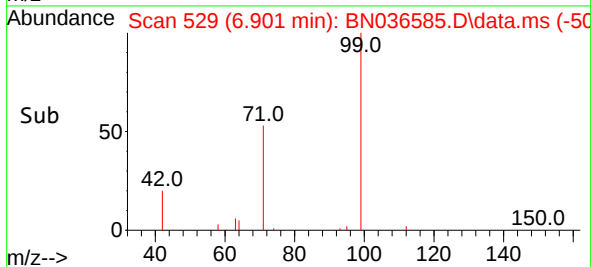
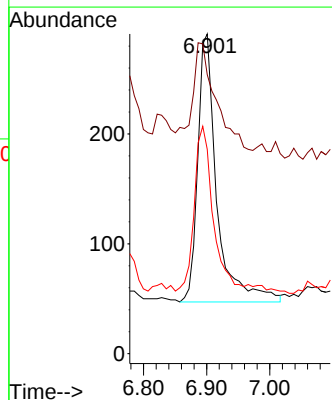
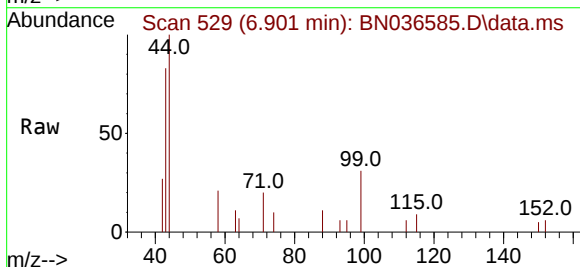
Instrument :
BNA_N
ClientSampleId :
RE125D1-20250307

Tgt Ion:112 Resp: 718
Ion Ratio Lower Upper
112 100
64 67.8 53.1 79.7
63 40.5 31.8 47.8



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.901 min Scan# 529
Delta R.T. -0.000 min
Lab File: BN036585.D
Acq: 11 Mar 2025 17:21

Tgt Ion: 99 Resp: 513
Ion Ratio Lower Upper
99 100
42 46.6 26.5 39.7#
71 59.8 34.1 51.1#

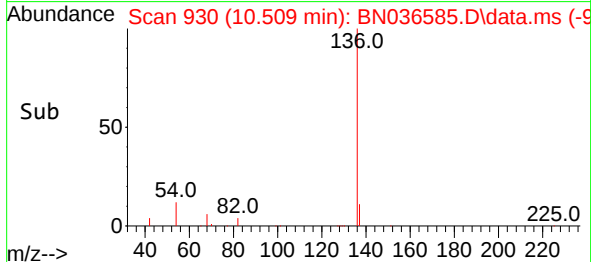
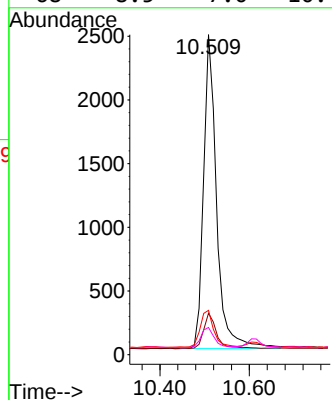
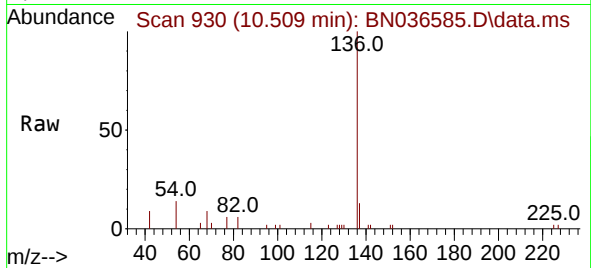




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036585.D
Acq: 11 Mar 2025 17:21

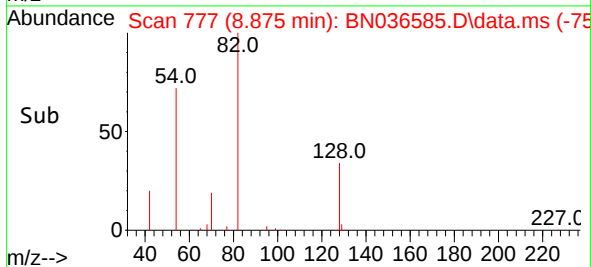
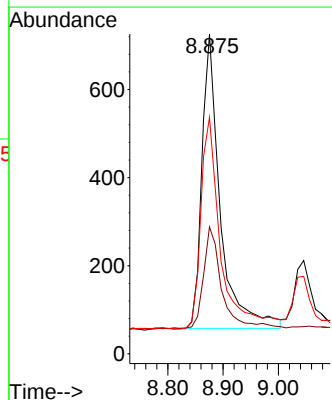
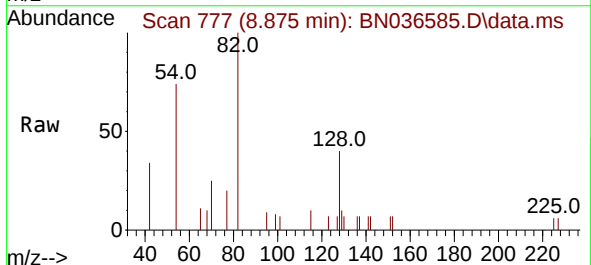
Instrument :
BNA_N
ClientSampleId :
RE125D1-20250307

Tgt Ion:	136	Resp:	4992
Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.3	15.5
54	13.9	11.5	17.3
68	8.5	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN036585.D
Acq: 11 Mar 2025 17:21

Tgt Ion:	82	Resp:	1543
Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.6	45.8
54	74.0	52.2	78.4

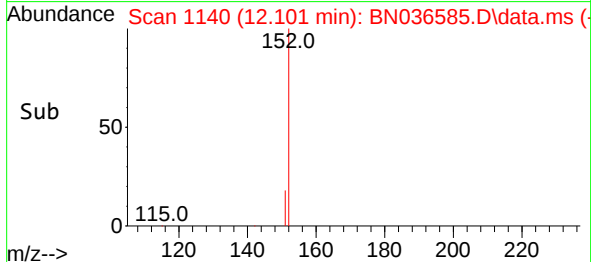
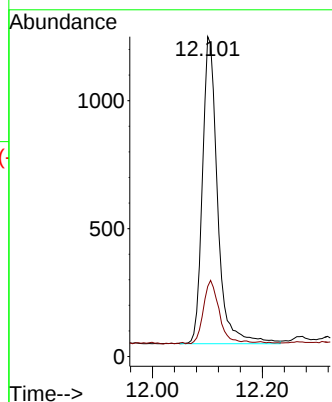
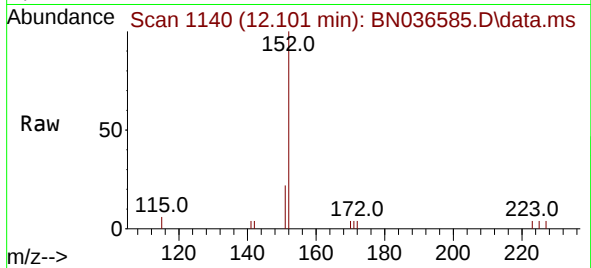




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.101 min Scan# 1142
Delta R.T. -0.010 min
Lab File: BN036585.D
Acq: 11 Mar 2025 17:21

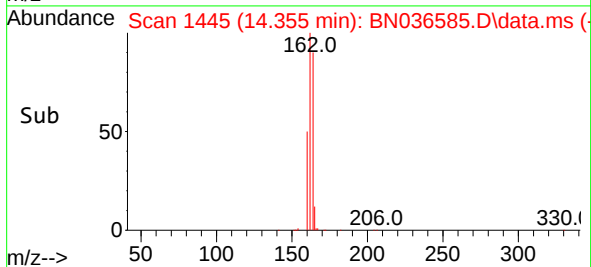
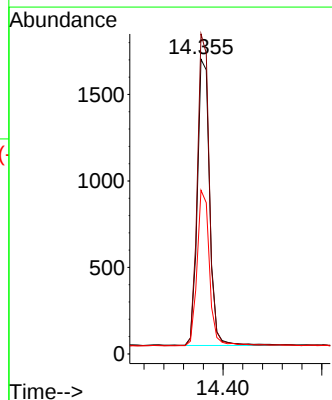
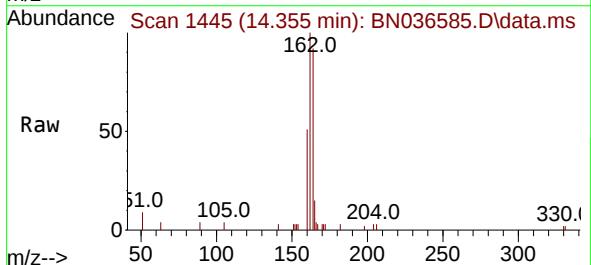
Instrument :
BNA_N
ClientSampleId :
RE125D1-20250307

Tgt Ion:152 Resp: 2295
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036585.D
Acq: 11 Mar 2025 17:21

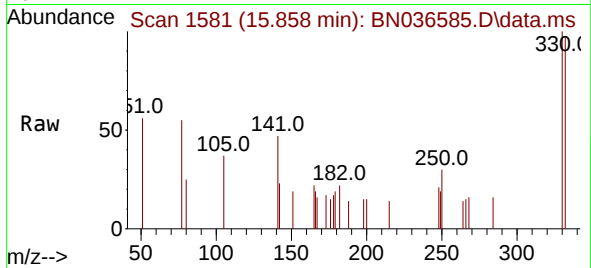
Tgt Ion:164 Resp: 2872
Ion Ratio Lower Upper
164 100
162 108.6 84.2 126.2
160 55.5 42.2 63.2



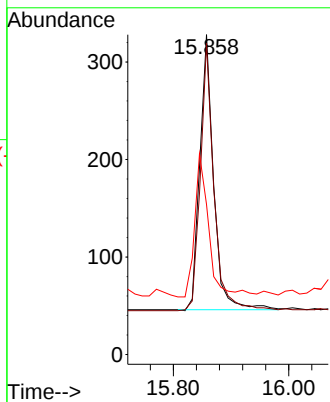
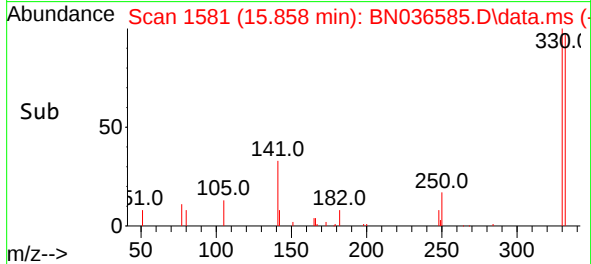


#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.858 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN036585.D
Acq: 11 Mar 2025 17:21

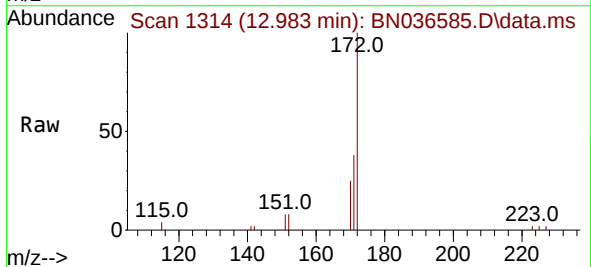
Instrument :
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ClientSampleId :
RE125D1-20250307



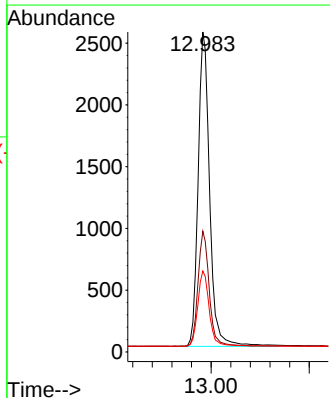
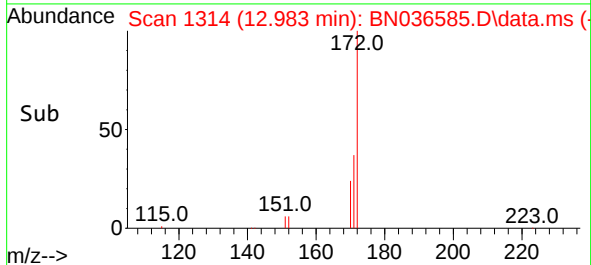
Tgt Ion:330 Resp: 469
Ion Ratio Lower Upper
330 100
332 96.2 75.2 112.8
141 53.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036585.D
Acq: 11 Mar 2025 17:21



Tgt Ion:172 Resp: 5973
Ion Ratio Lower Upper
172 100
171 37.7 29.5 44.3
170 25.3 20.2 30.4

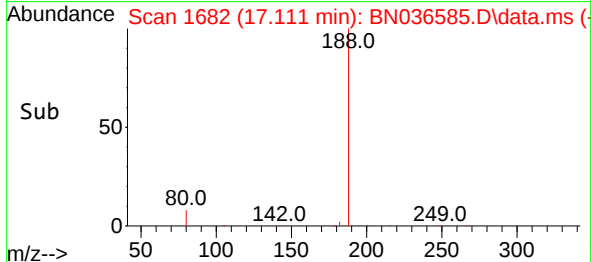
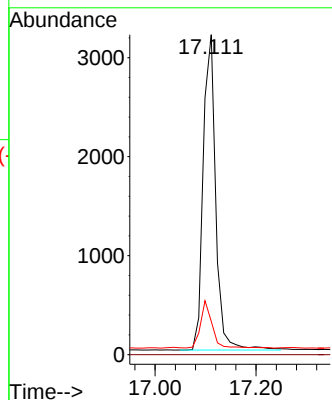
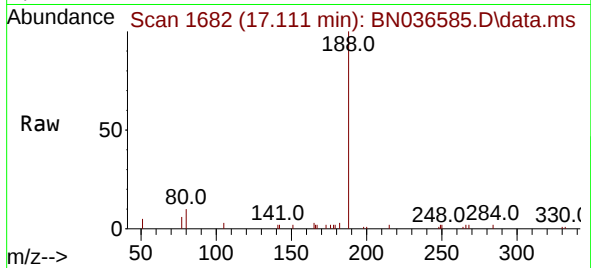




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN036585.D
Acq: 11 Mar 2025 17:21

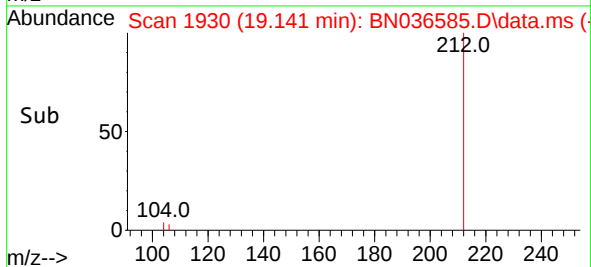
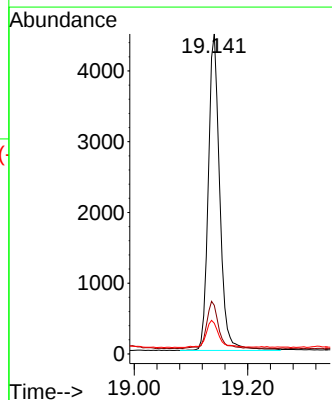
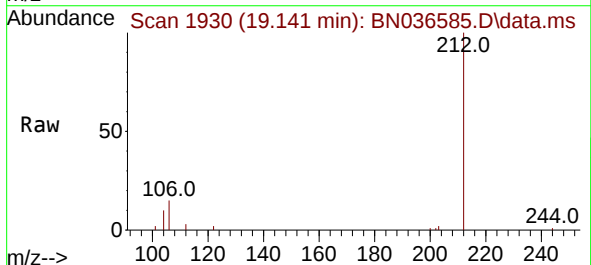
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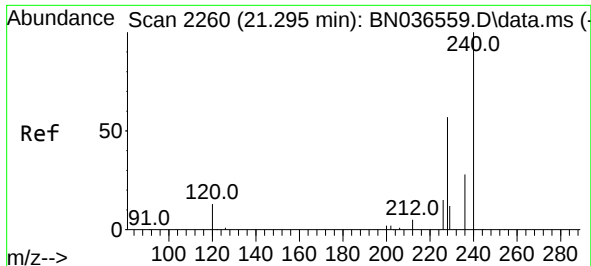
Tgt Ion:188 Resp: 5521
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BN036585.D
Acq: 11 Mar 2025 17:21

Tgt Ion:212 Resp: 6239
Ion Ratio Lower Upper
212 100
106 15.7 11.8 17.6
104 9.5 7.3 10.9

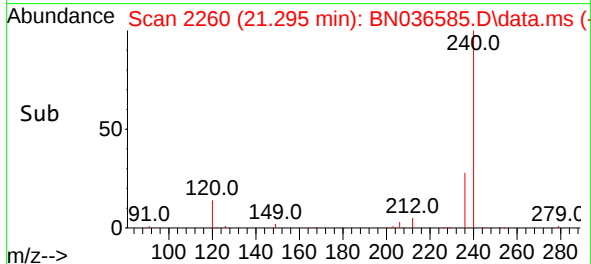
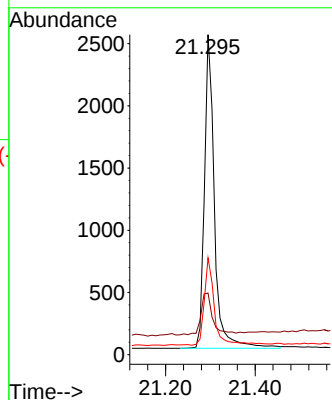
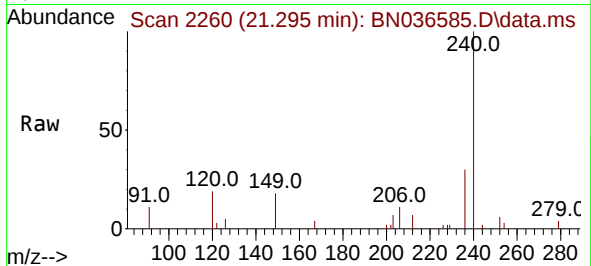




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036585.D
Acq: 11 Mar 2025 17:21

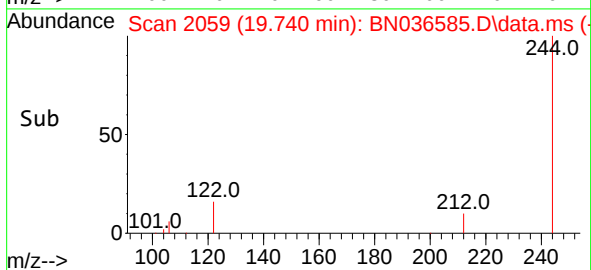
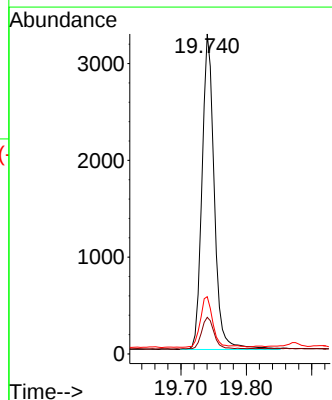
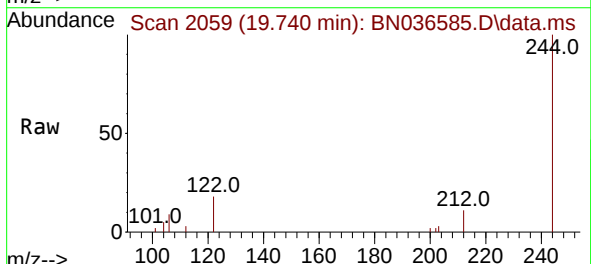
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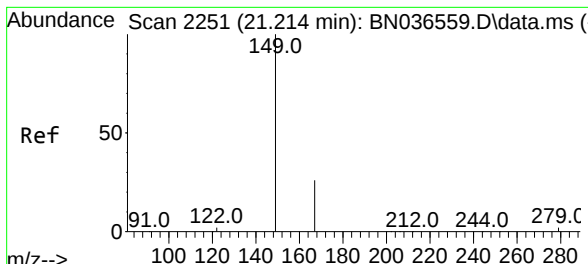
Tgt Ion:240 Resp: 3922
Ion Ratio Lower Upper
240 100
120 19.2 14.6 22.0
236 30.2 24.1 36.1



#31
Terphenyl-d14
Concen: 0.451 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN036585.D
Acq: 11 Mar 2025 17:21

Tgt Ion:244 Resp: 4235
Ion Ratio Lower Upper
244 100
212 11.5 9.6 14.4
122 17.9 13.9 20.9

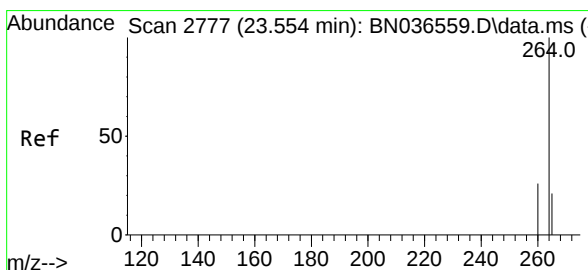
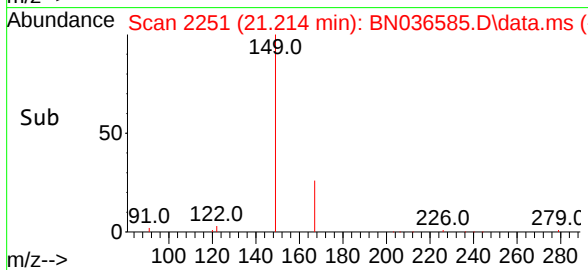
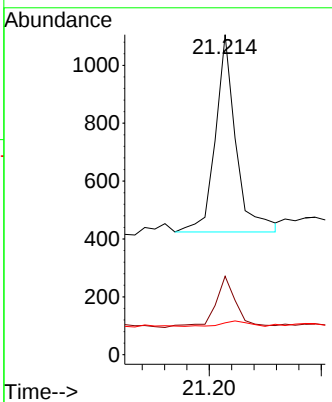
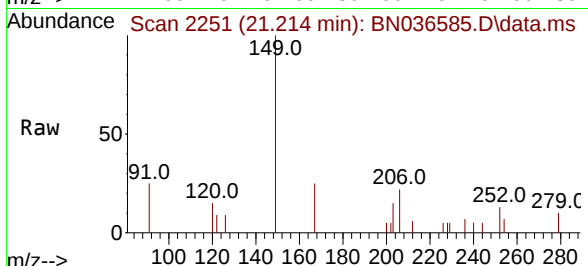




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.214 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN036585.D
 Acq: 11 Mar 2025 17:21

Instrument :
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Tgt Ion:	149	Resp:	870
Ion Ratio	Lower	Upper	
149	100		
167	27.0	20.7	31.1
279	3.4	3.6	5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 2777
 Delta R.T. -0.000 min
 Lab File: BN036585.D
 Acq: 11 Mar 2025 17:21

Tgt Ion:	264	Resp:	3017
Ion Ratio	Lower	Upper	
264	100		
260	28.3	22.6	33.8
265	121.4	88.1	132.1

