

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036626.D
 Acq On : 15 Mar 2025 03:05
 Operator : RC/JU
 Sample : Q1559-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20250310

Quant Time: Mar 15 03:33:26 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)

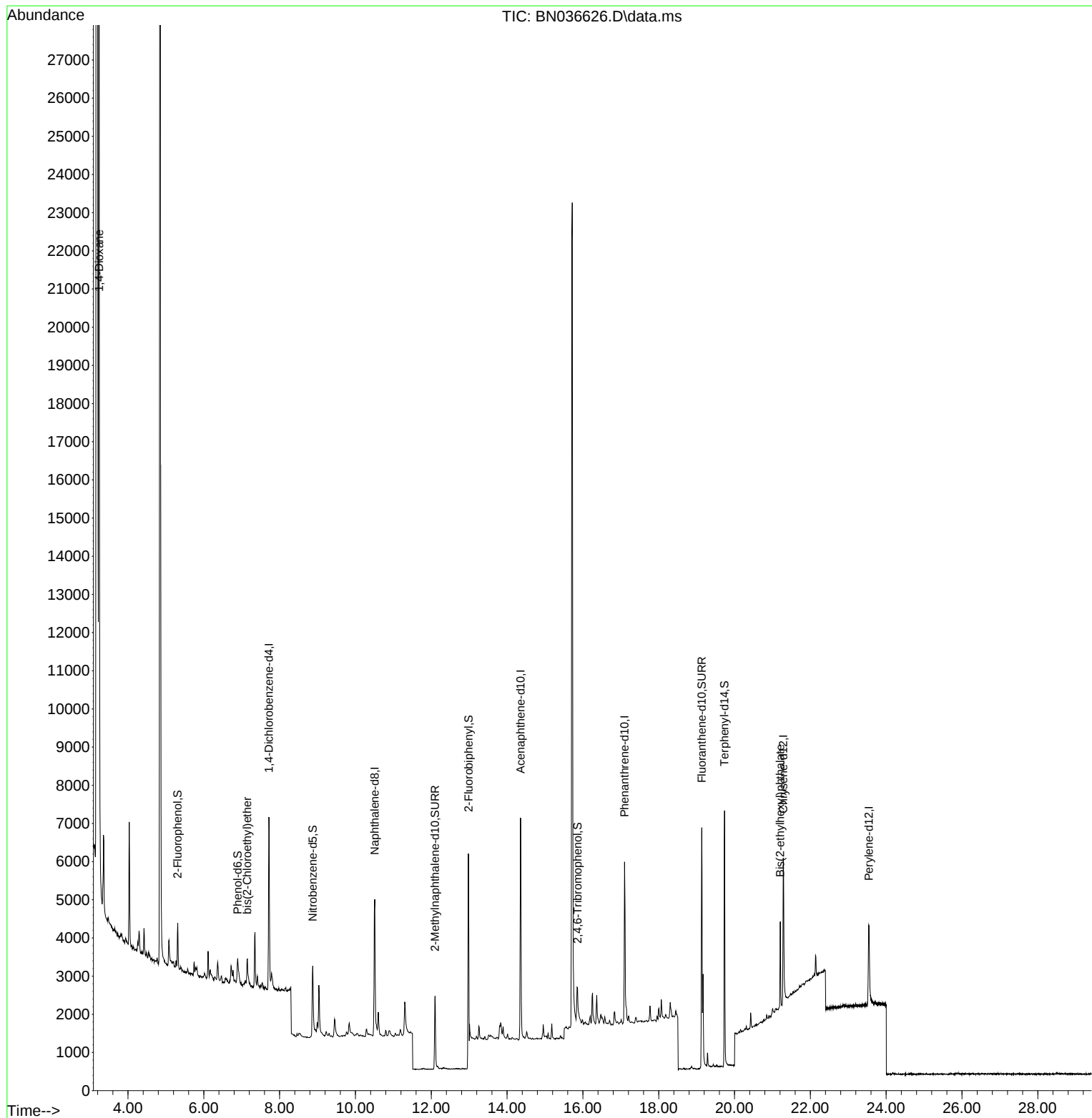
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2191	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5291	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	3194	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	6429	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	4478	0.400	ng	0.00
35) Perylene-d12	23.543	264	3365	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	819	0.160	ng	0.00
5) Phenol-d6	6.894	99	554	0.088	ng	0.00
8) Nitrobenzene-d5	8.875	82	1985	0.345	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2980	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	617	0.426	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	7689	0.414	ng	0.00
27) Fluoranthene-d10	19.137	212	7560	0.459	ng	0.00
31) Terphenyl-d14	19.736	244	6472	0.603	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.240	88	16145	6.643	ng	97
6) bis(2-Chloroethyl)ether	7.147	93	523	0.080	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.205	149	2117	0.191	ng	# 99

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

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Data File : BN036626.D
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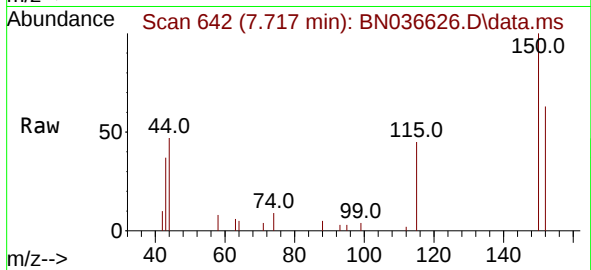
Quant Time: Mar 15 03:33:26 2025
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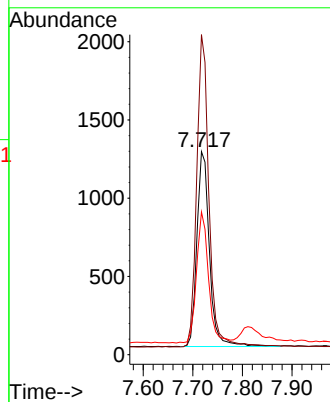
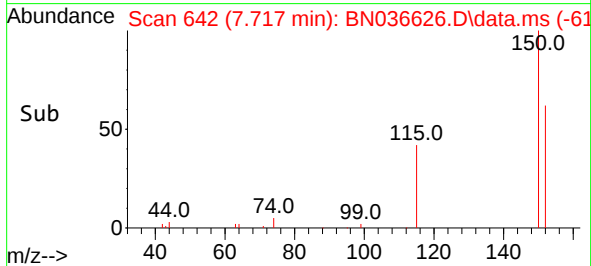


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036626.D
 Acq: 15 Mar 2025 03:05

Instrument :
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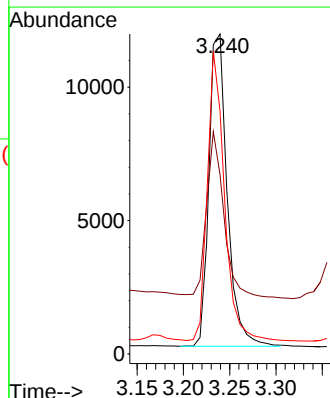
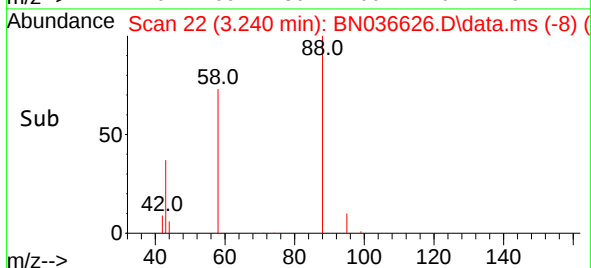
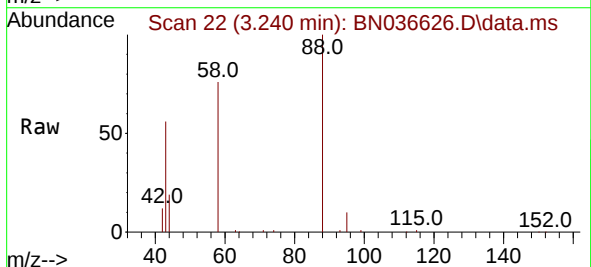


Tgt Ion:152 Resp: 2191
 Ion Ratio Lower Upper
 152 100
 150 157.6 123.7 185.5
 115 70.3 54.3 81.5



#2
 1,4-Dioxane
 Concen: 6.643 ng
 RT: 3.240 min Scan# 22
 Delta R.T. 0.001 min
 Lab File: BN036626.D
 Acq: 15 Mar 2025 03:05

Tgt Ion: 88 Resp: 16145
 Ion Ratio Lower Upper
 88 100
 43 50.1 37.8 56.8
 58 85.8 67.4 101.2

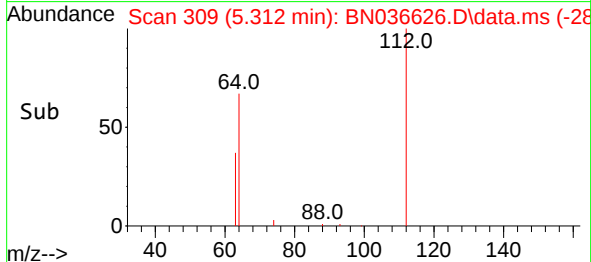
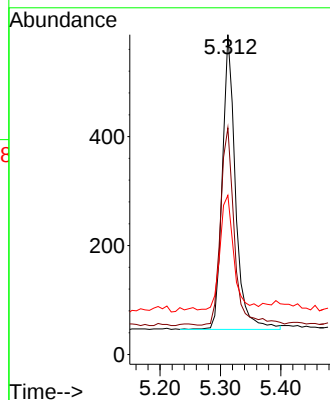
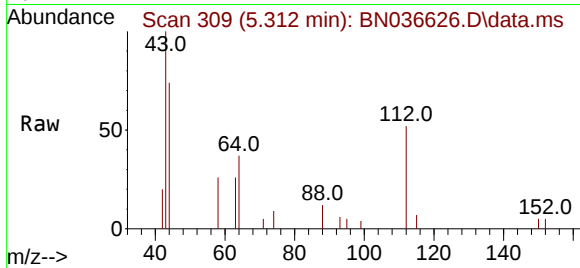




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

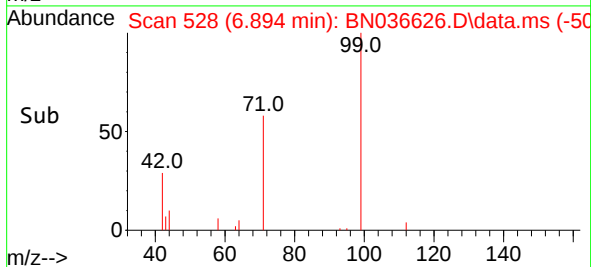
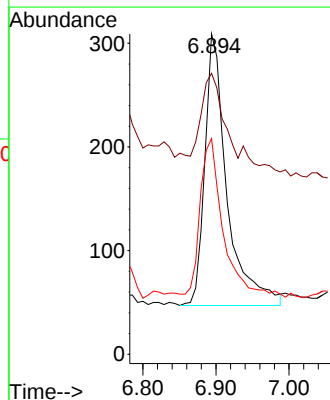
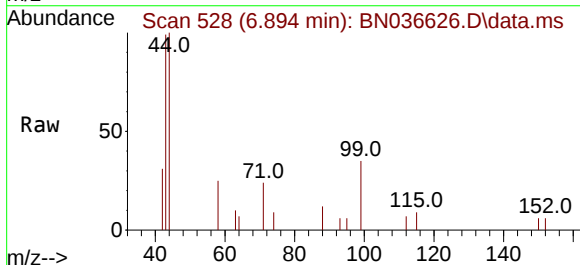
Instrument :
BNA_N
ClientSampleId :
RE115D1-20250310

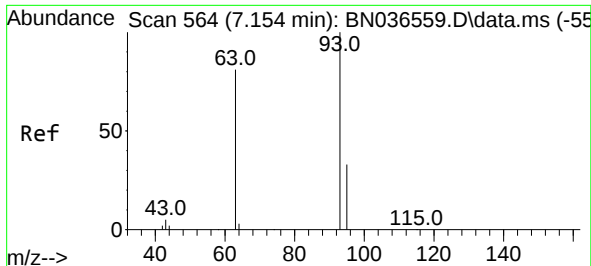
Tgt Ion:112 Resp: 819
Ion Ratio Lower Upper
112 100
64 70.3 53.1 79.7
63 41.5 31.8 47.8



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Tgt Ion: 99 Resp: 554
Ion Ratio Lower Upper
99 100
42 50.4 26.5 39.7#
71 60.3 34.1 51.1#

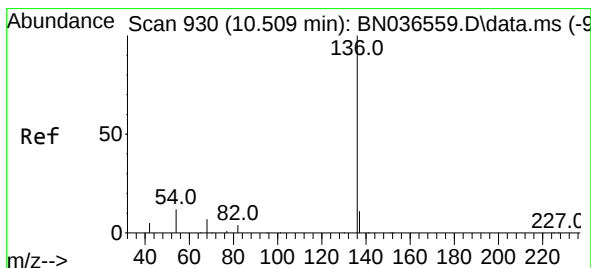
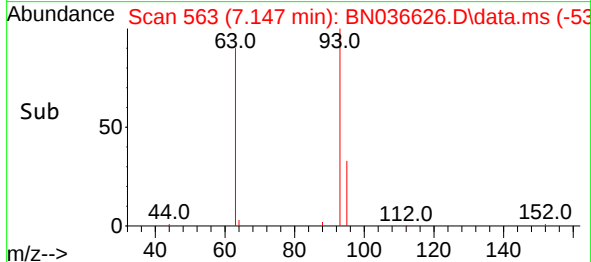
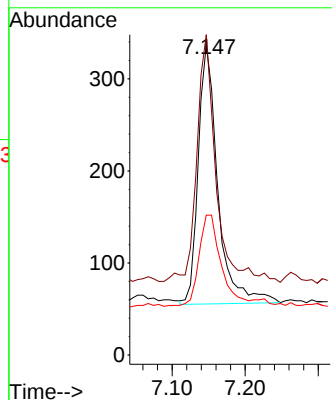
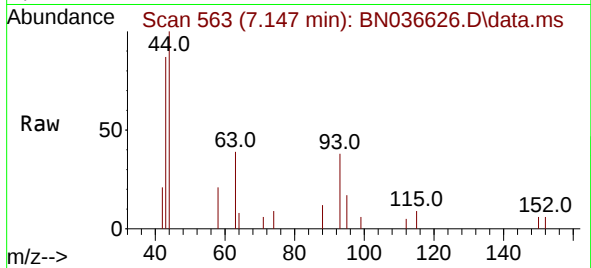




#6
bis(2-Chloroethyl)ether
Concen: 0.080 ng
RT: 7.147 min Scan# 563
Delta R.T. -0.007 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

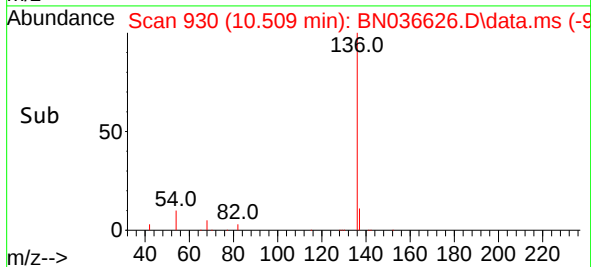
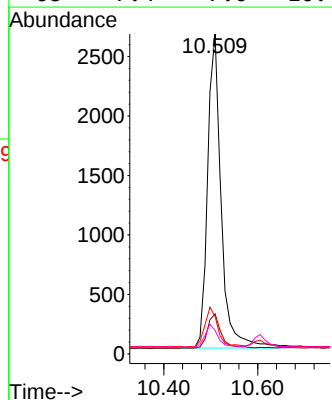
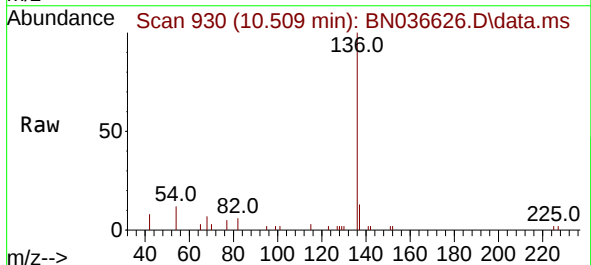
Instrument :
BNA_N
ClientSampleId :
RE115D1-20250310

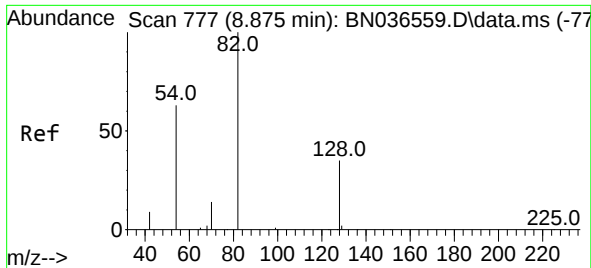
Tgt Ion: 93 Resp: 523
Ion Ratio Lower Upper
93 100
63 94.6 67.7 101.5
95 38.4 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Tgt Ion:136 Resp: 5291
Ion Ratio Lower Upper
136 100
137 12.5 10.3 15.5
54 11.7 11.5 17.3
68 7.4 7.0 10.4

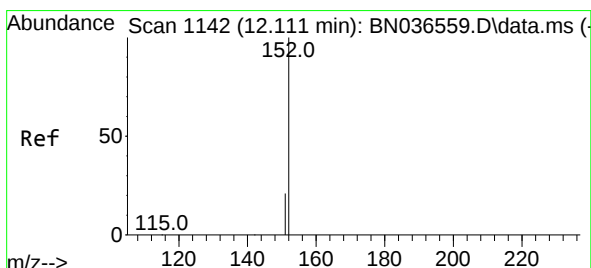
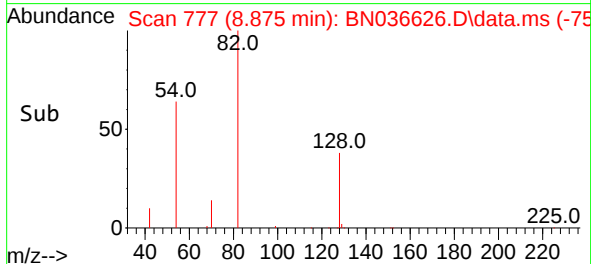
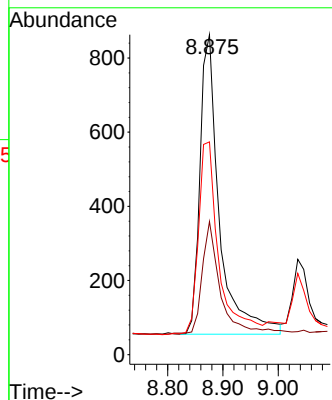
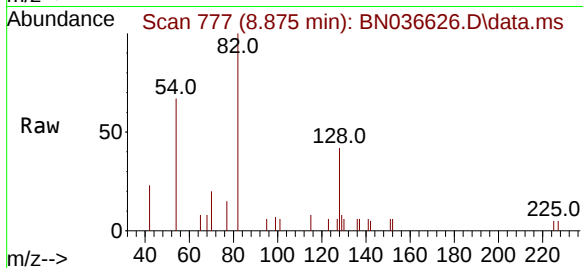




#8
 Nitrobenzene-d5
 Concen: 0.345 ng
 RT: 8.875 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN036626.D
 Acq: 15 Mar 2025 03:05

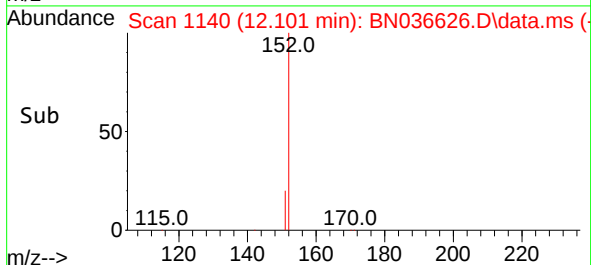
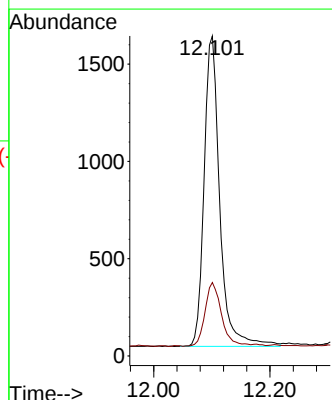
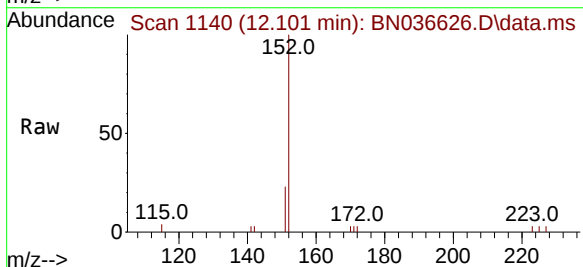
Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20250310

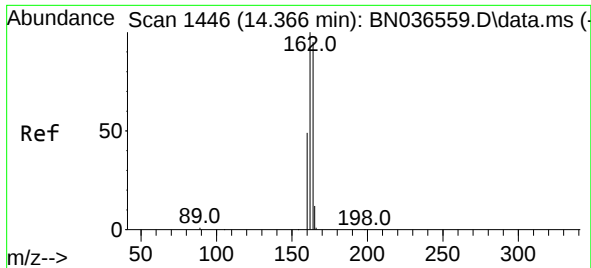
Tgt Ion:	82	Resp:	1985
Ion	Ratio	Lower	Upper
82	100		
128	41.6	30.6	45.8
54	66.5	52.2	78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.379 ng
 RT: 12.101 min Scan# 1140
 Delta R.T. -0.010 min
 Lab File: BN036626.D
 Acq: 15 Mar 2025 03:05

Tgt Ion:	152	Resp:	2980
Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.0	25.6

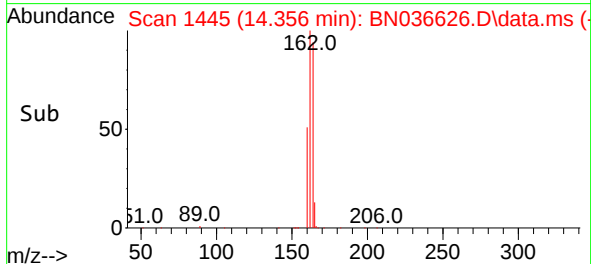
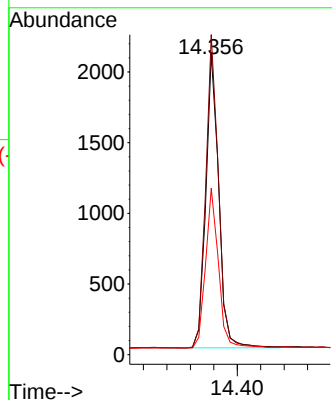
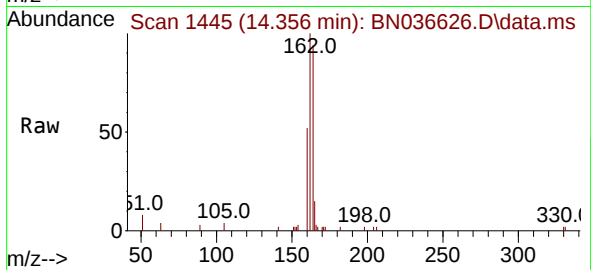




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1446
Delta R.T. -0.010 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

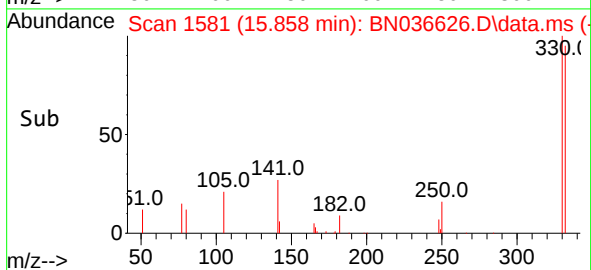
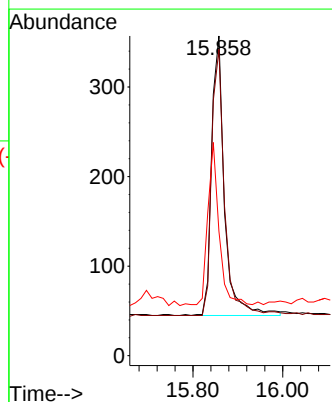
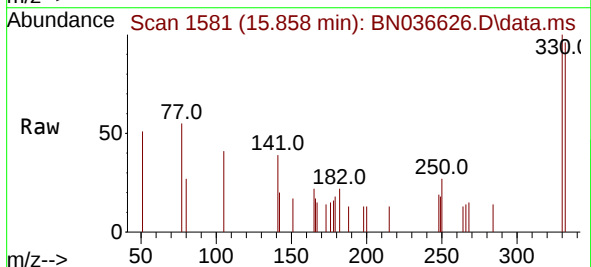
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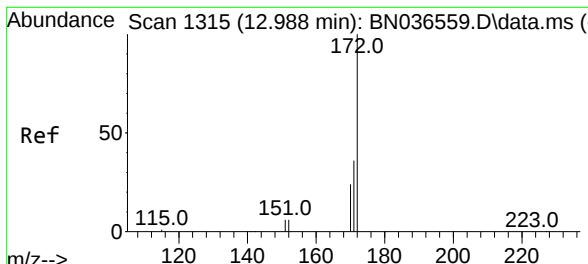
Tgt Ion:164 Resp: 3194
Ion Ratio Lower Upper
164 100
162 106.2 84.2 126.2
160 55.2 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.426 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Tgt Ion:330 Resp: 617
Ion Ratio Lower Upper
330 100
332 96.4 75.2 112.8
141 50.2 43.4 65.2

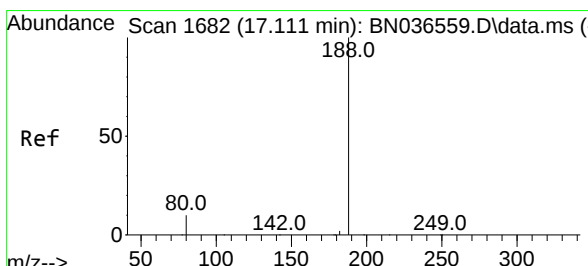
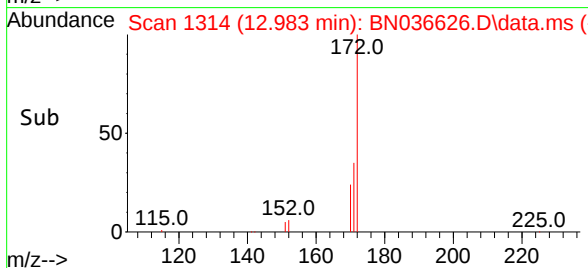
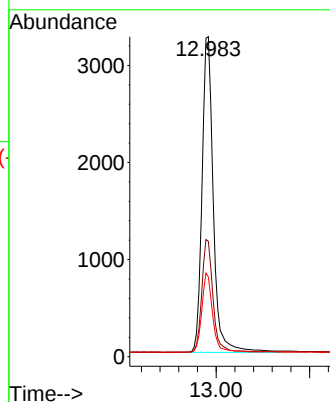
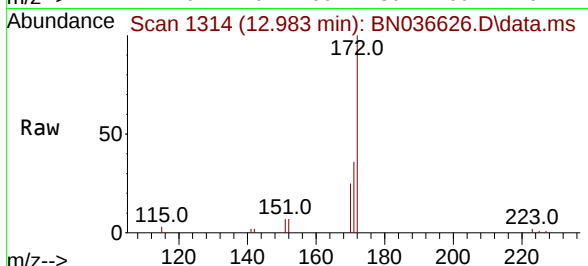




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.983 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

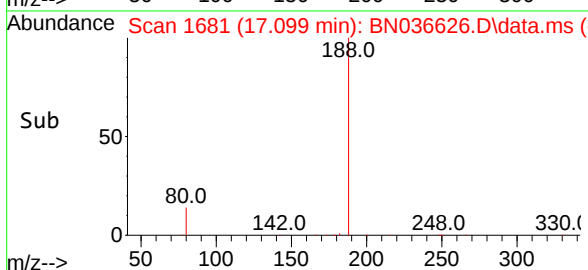
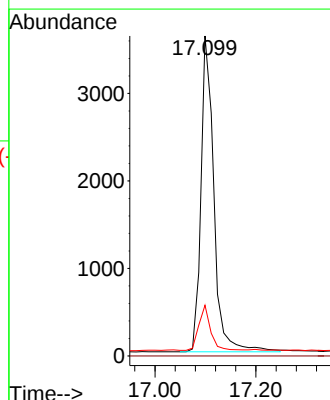
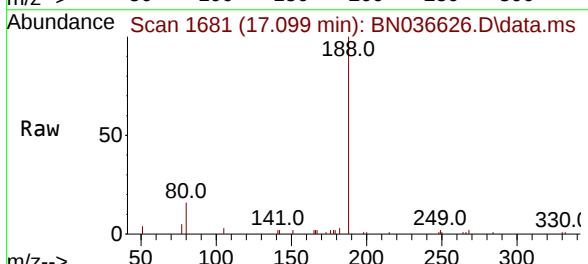
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Tgt Ion:	172	Resp:	7689
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.5	44.3
170	24.9	20.2	30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Tgt Ion:	188	Resp:	6429
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.9	8.8	13.2

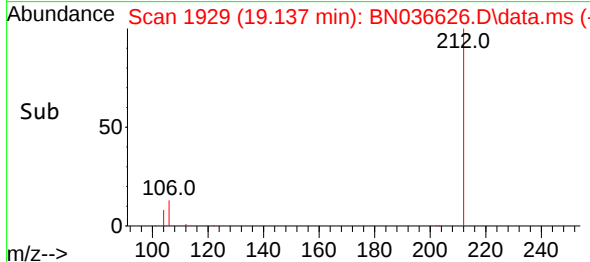
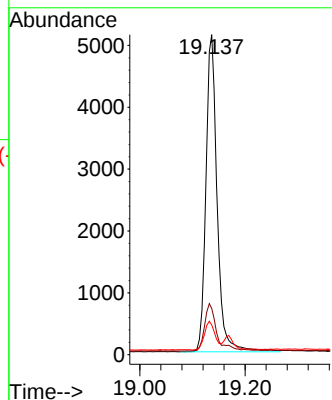
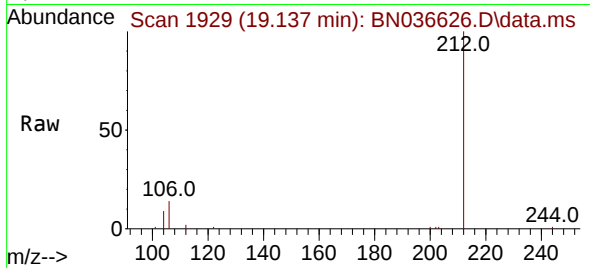




#27
Fluoranthene-d10
Concen: 0.459 ng
RT: 19.137 min Scan# 1930
Delta R.T. -0.004 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

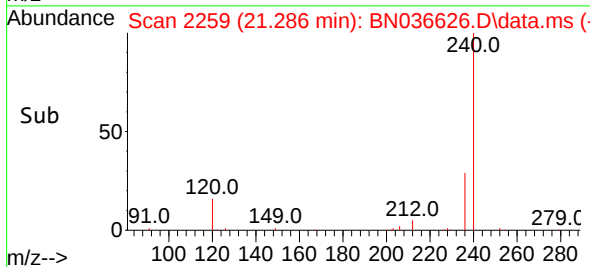
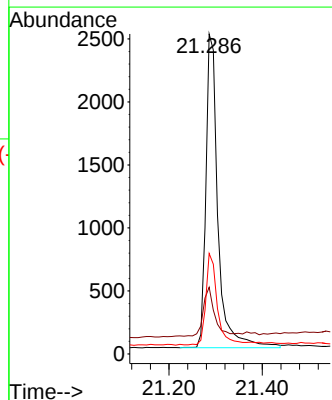
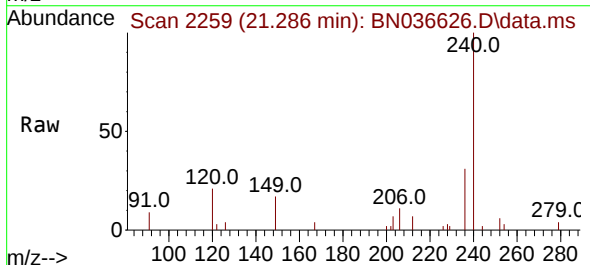
Instrument :
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Tgt Ion:212 Resp: 7560
Ion Ratio Lower Upper
212 100
106 16.5 11.8 17.6
104 8.8 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. -0.009 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Tgt Ion:240 Resp: 4478
Ion Ratio Lower Upper
240 100
120 20.8 14.6 22.0
236 31.4 24.1 36.1

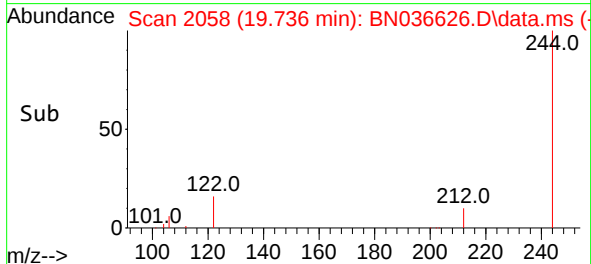
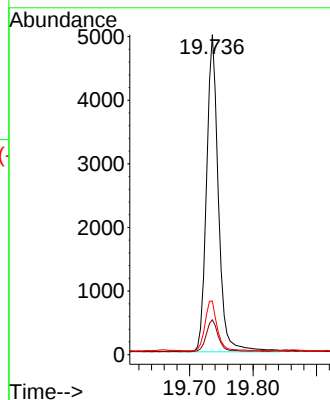
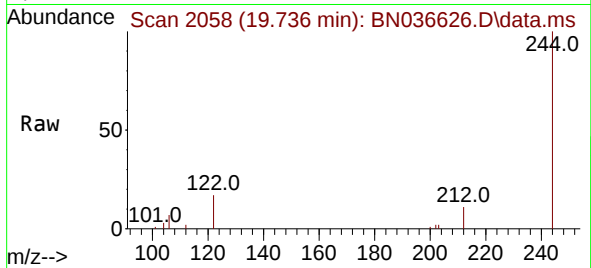




#31
 Terphenyl-d14
 Concen: 0.603 ng
 RT: 19.736 min Scan# 2060
 Delta R.T. -0.009 min
 Lab File: BN036626.D
 Acq: 15 Mar 2025 03:05

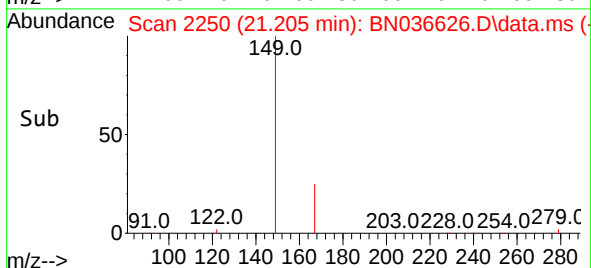
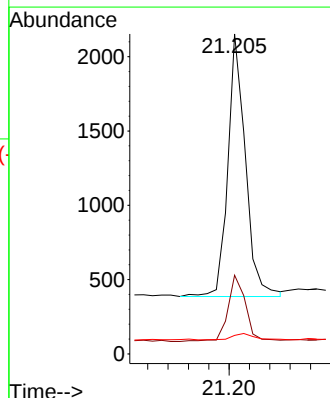
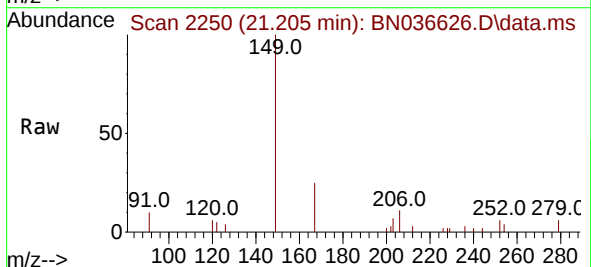
Instrument :
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Tgt Ion:244 Resp: 6472
 Ion Ratio Lower Upper
 244 100
 212 10.9 9.6 14.4
 122 16.8 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.191 ng
 RT: 21.205 min Scan# 2250
 Delta R.T. -0.009 min
 Lab File: BN036626.D
 Acq: 15 Mar 2025 03:05

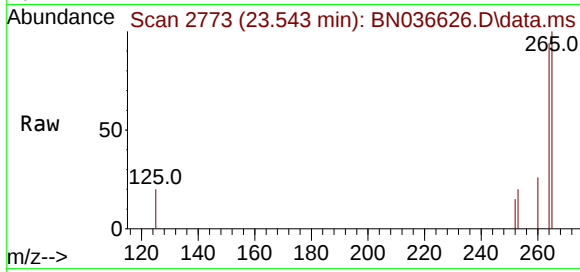
Tgt Ion:149 Resp: 2117
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.7 31.1
 279 2.9 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.543 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Instrument :
BNA_N
ClientSampleId :
RE115D1-20250310



Tgt Ion:	264	Resp:	3365
Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.6	33.8
265	106.1	88.1	132.1

