

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036627.D
 Acq On : 15 Mar 2025 03:41
 Operator : RC/JU
 Sample : Q1559-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20250310

Quant Time: Mar 15 05:18:26 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)

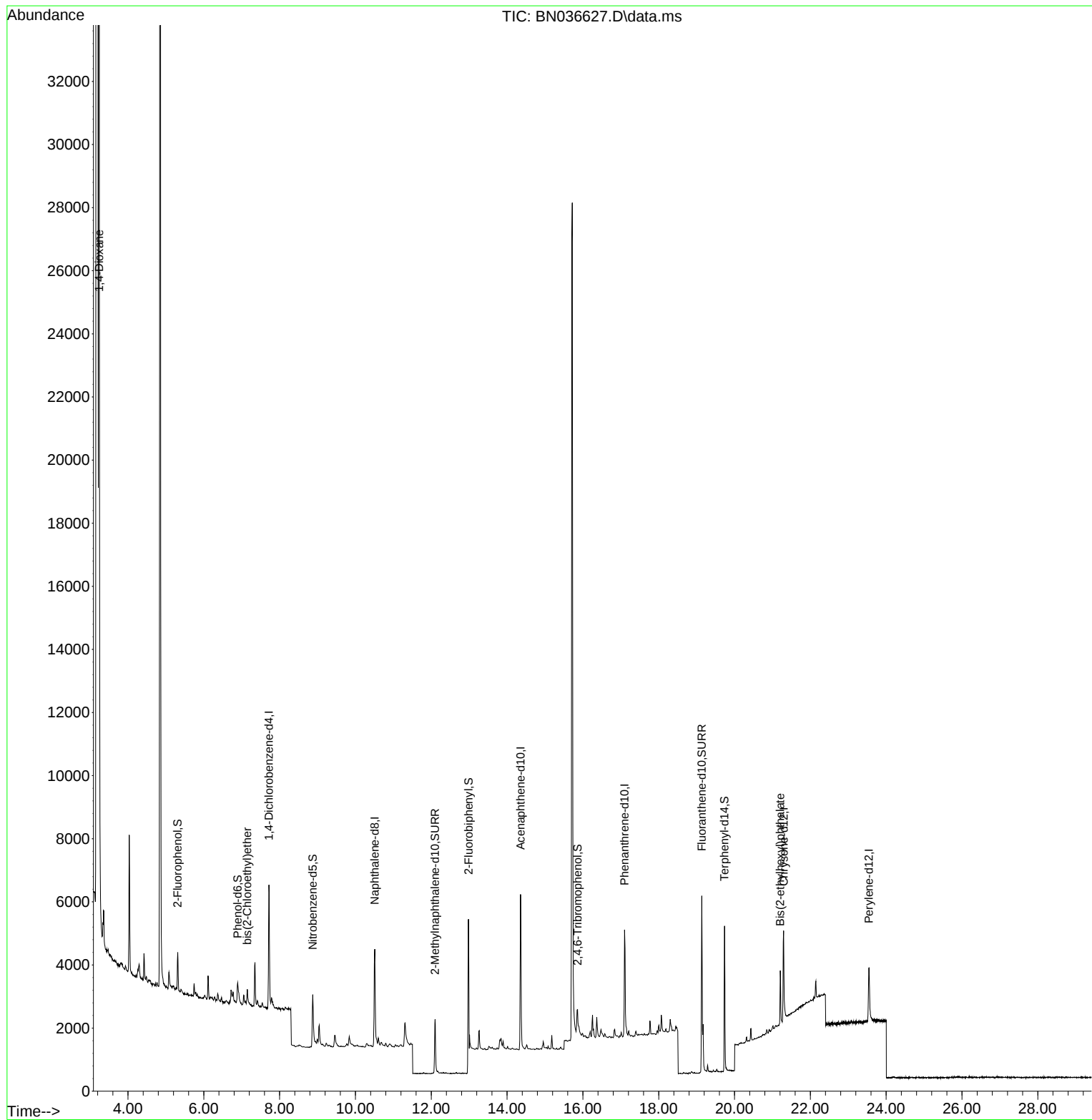
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2054	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4766	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2813	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5495	0.400	ng	#-0.01
29) Chrysene-d12	21.294	240	3416	0.400	ng	0.00
35) Perylene-d12	23.542	264	2824	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	913	0.191	ng	0.00
5) Phenol-d6	6.894	99	620	0.105	ng	0.00
8) Nitrobenzene-d5	8.875	82	1854	0.358	ng	0.00
11) 2-Methylnaphthalene-d10	12.100	152	2779	0.392	ng	-0.01
14) 2,4,6-Tribromophenol	15.857	330	559	0.438	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	7042	0.430	ng	0.00
27) Fluoranthene-d10	19.136	212	6763	0.480	ng	0.00
31) Terphenyl-d14	19.735	244	4602	0.562	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	23084	10.131	ng	99
6) bis(2-Chloroethyl)ether	7.146	93	383	0.063	ng	95
34) Bis(2-ethylhexyl)phtha...	21.205	149	1907	0.225	ng	# 97

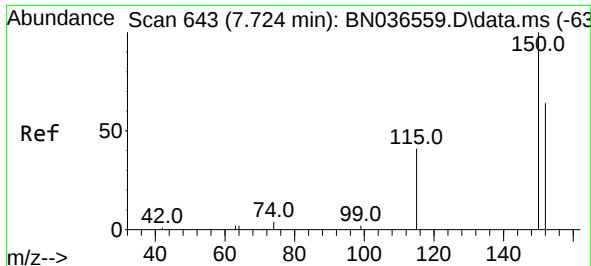
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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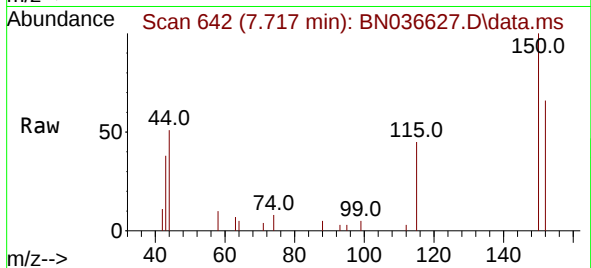
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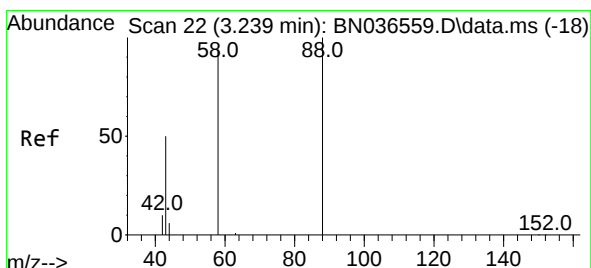
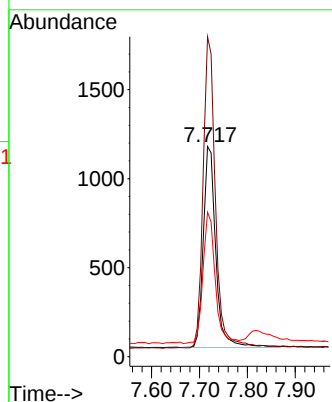
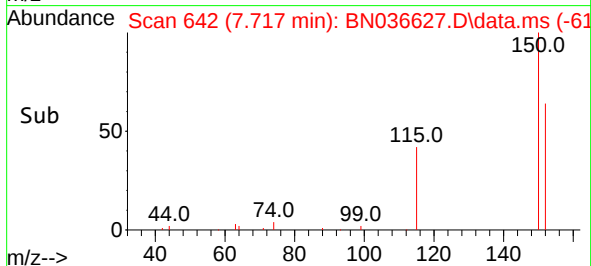


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036627.D
 Acq: 15 Mar 2025 03:41

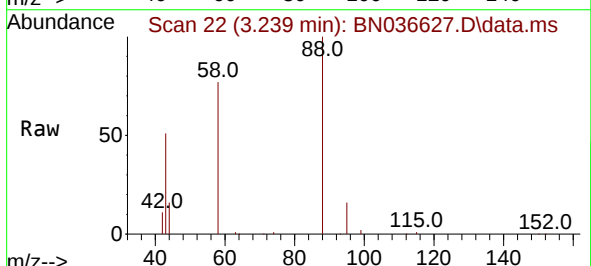
Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20250310



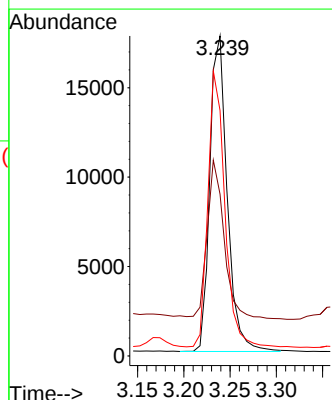
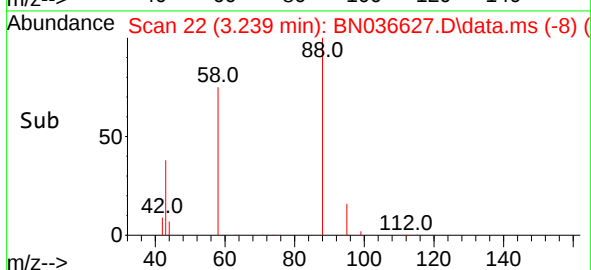
Tgt Ion:152 Resp: 2054
 Ion Ratio Lower Upper
 152 100
 150 152.2 123.7 185.5
 115 68.8 54.3 81.5

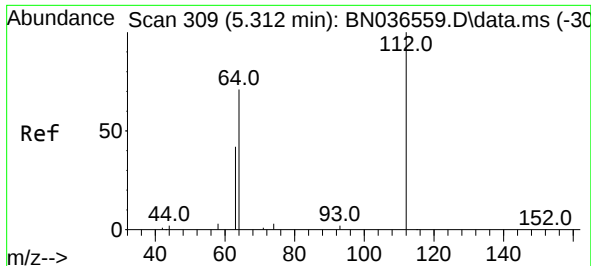


#2
 1,4-Dioxane
 Concen: 10.131 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036627.D
 Acq: 15 Mar 2025 03:41



Tgt Ion: 88 Resp: 23084
 Ion Ratio Lower Upper
 88 100
 43 48.7 37.8 56.8
 58 84.9 67.4 101.2

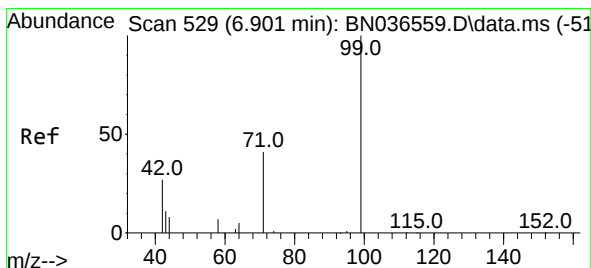
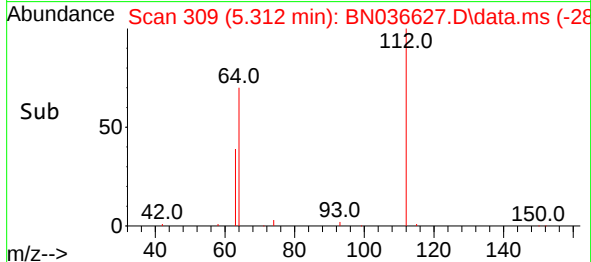
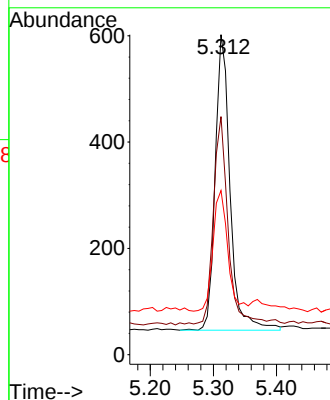
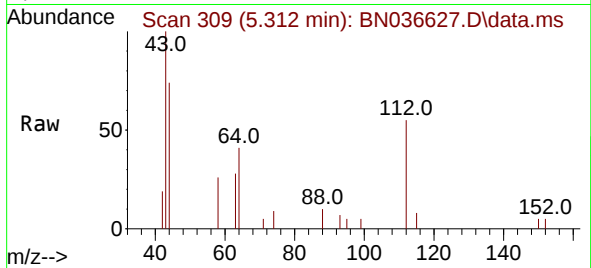




#4
2-Fluorophenol
Concen: 0.191 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN036627.D
Acq: 15 Mar 2025 03:41

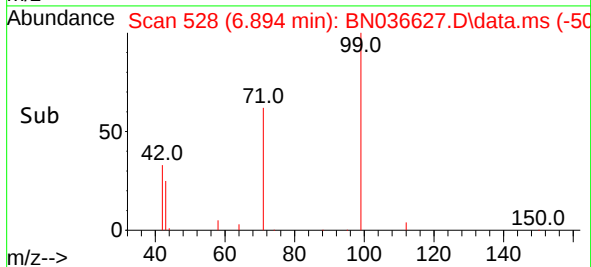
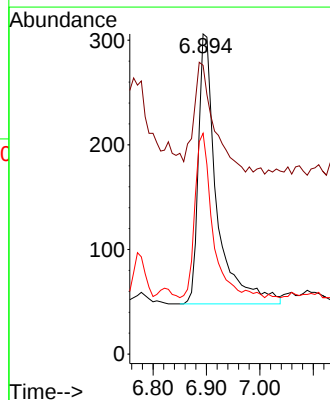
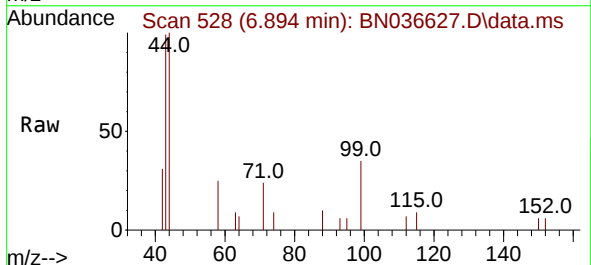
Instrument :
BNA_N
ClientSampleId :
RE115D2-20250310

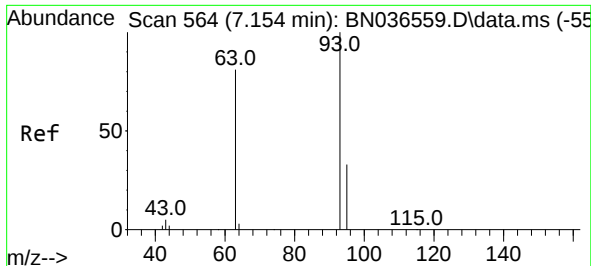
Tgt Ion:112 Resp: 913
Ion Ratio Lower Upper
112 100
64 69.9 53.1 79.7
63 41.1 31.8 47.8



#5
Phenol-d6
Concen: 0.105 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036627.D
Acq: 15 Mar 2025 03:41

Tgt Ion: 99 Resp: 620
Ion Ratio Lower Upper
99 100
42 43.5 26.5 39.7#
71 56.8 34.1 51.1#

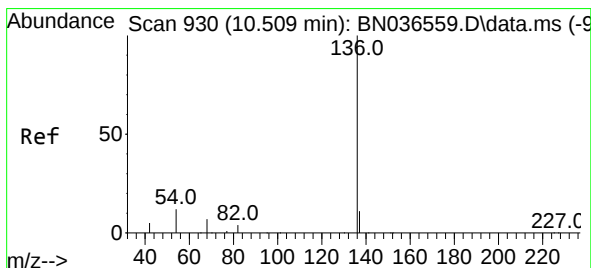
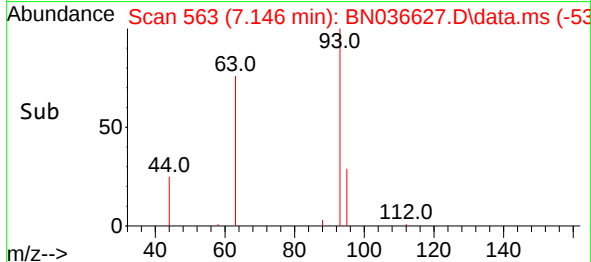
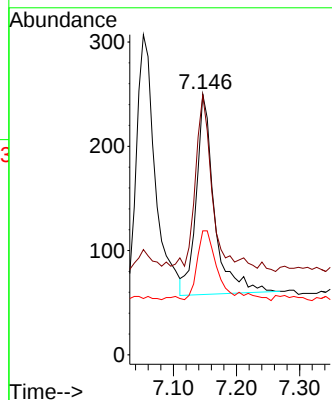
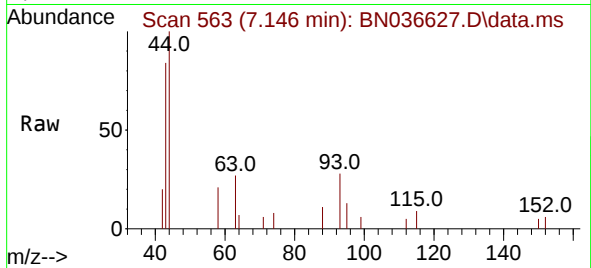




#6
bis(2-Chloroethyl)ether
Concen: 0.063 ng
RT: 7.146 min Scan# 563
Delta R.T. -0.007 min
Lab File: BN036627.D
Acq: 15 Mar 2025 03:41

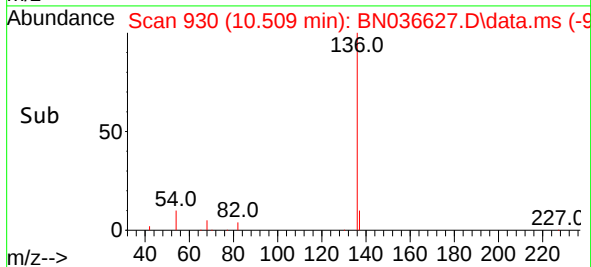
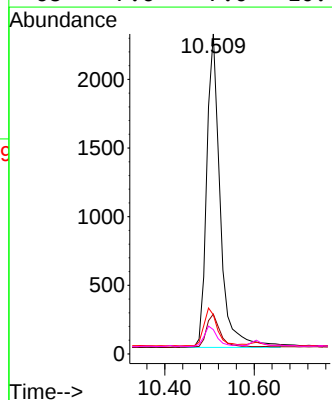
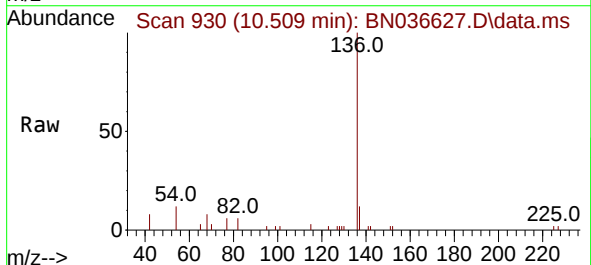
Instrument :
BNA_N
ClientSampleId :
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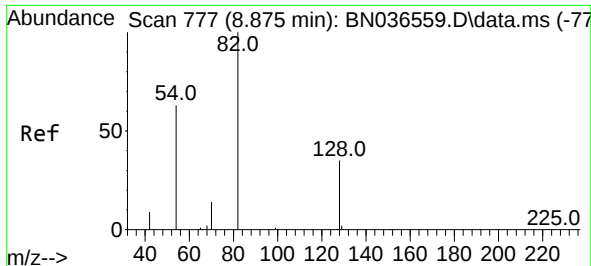
Tgt Ion: 93 Resp: 383
Ion Ratio Lower Upper
93 100
63 80.4 67.7 101.5
95 35.8 25.6 38.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN036627.D
Acq: 15 Mar 2025 03:41

Tgt Ion: 136 Resp: 4766
Ion Ratio Lower Upper
136 100
137 12.4 10.3 15.5
54 12.3 11.5 17.3
68 7.6 7.0 10.4

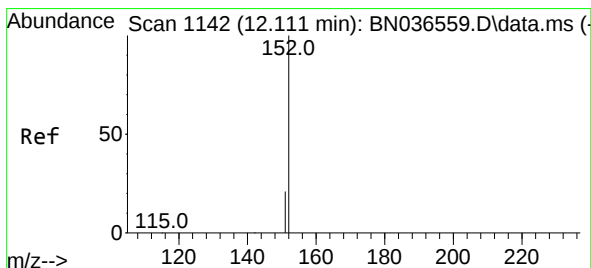
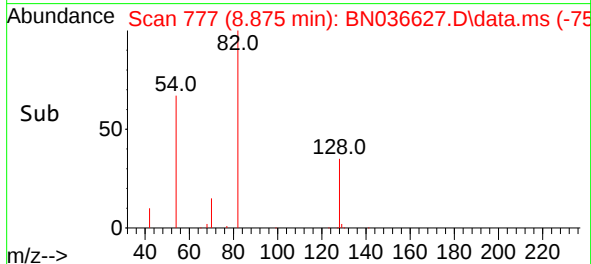
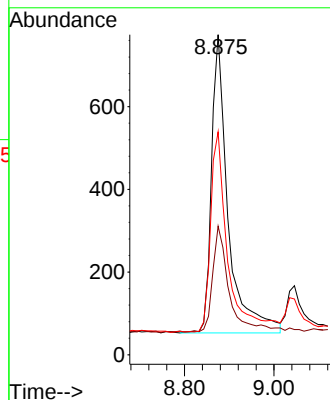
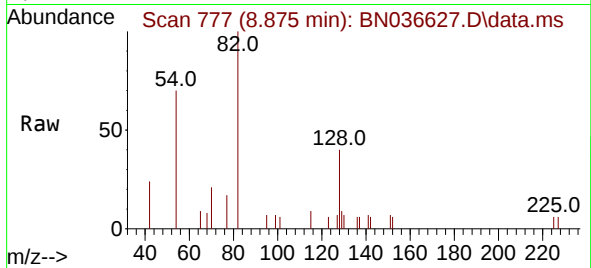




#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN036627.D
Acq: 15 Mar 2025 03:41

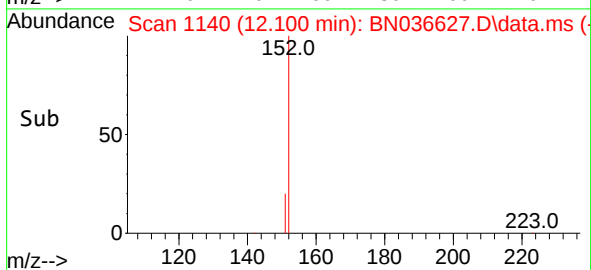
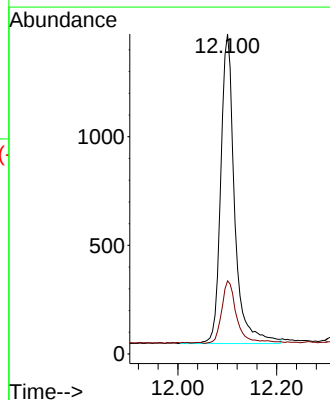
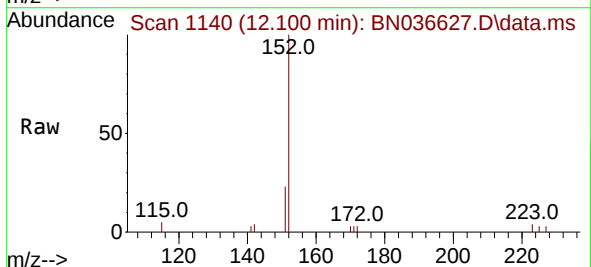
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BNA_N
ClientSampleId :
RE115D2-20250310

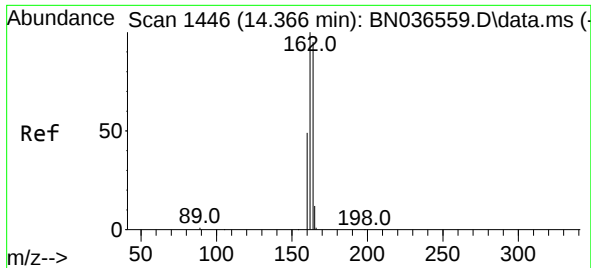
Tgt Ion: 82 Resp: 1854
Ion Ratio Lower Upper
82 100
128 40.2 30.6 45.8
54 69.6 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.100 min Scan# 1140
Delta R.T. -0.010 min
Lab File: BN036627.D
Acq: 15 Mar 2025 03:41

Tgt Ion: 152 Resp: 2779
Ion Ratio Lower Upper
152 100
151 22.0 17.0 25.6

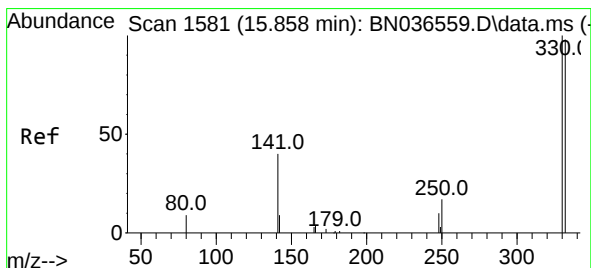
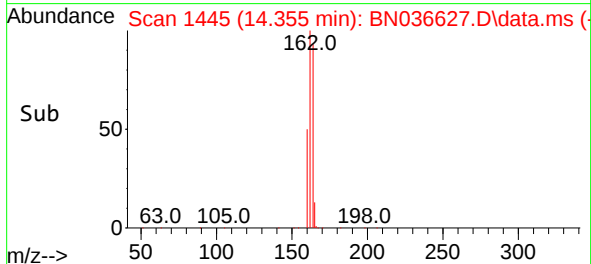
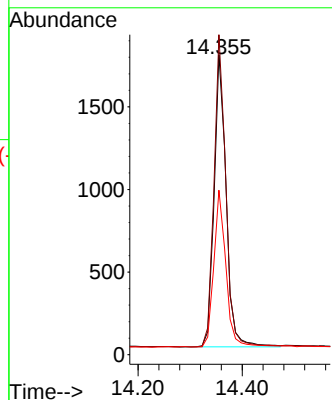
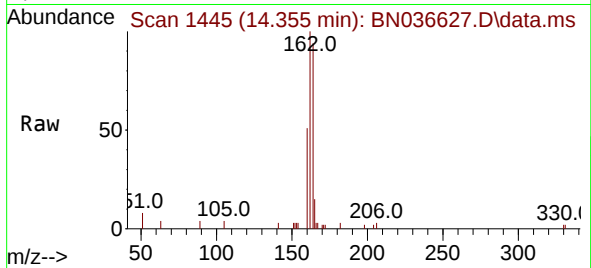




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1446
Delta R.T. -0.011 min
Lab File: BN036627.D
Acq: 15 Mar 2025 03:41

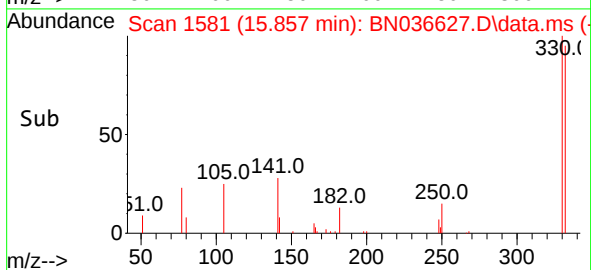
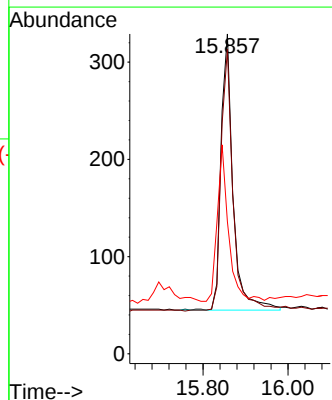
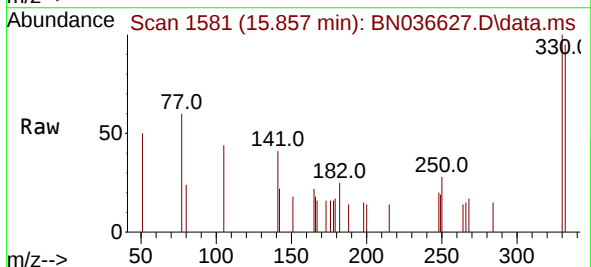
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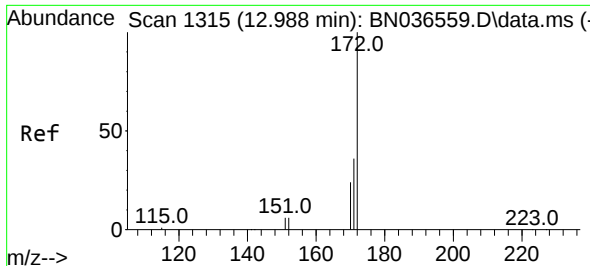
Tgt Ion:164 Resp: 2813
Ion Ratio Lower Upper
164 100
162 106.6 84.2 126.2
160 54.8 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 15.857 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN036627.D
Acq: 15 Mar 2025 03:41

Tgt Ion:330 Resp: 559
Ion Ratio Lower Upper
330 100
332 95.7 75.2 112.8
141 53.0 43.4 65.2

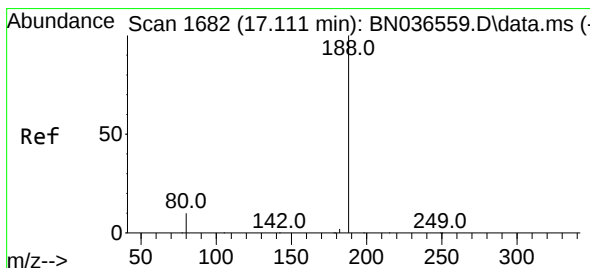
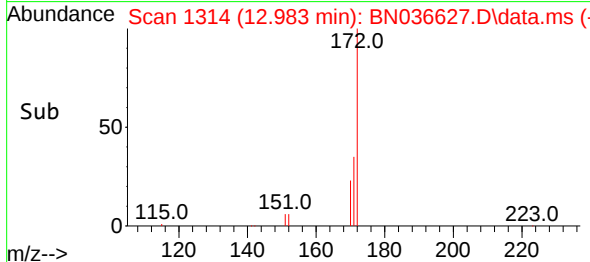
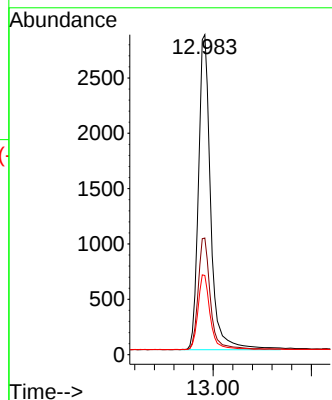
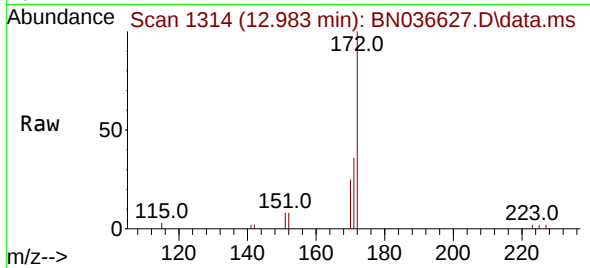




#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 12.983 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036627.D
Acq: 15 Mar 2025 03:41

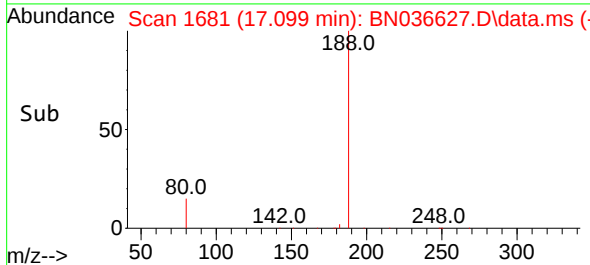
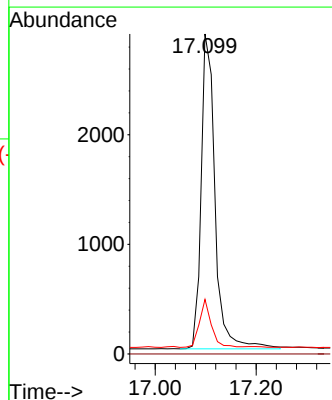
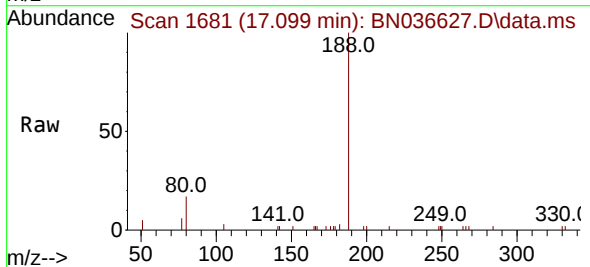
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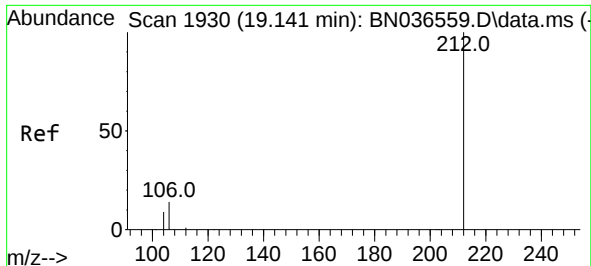
Tgt Ion:172 Resp: 7042
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 24.7 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.013 min
Lab File: BN036627.D
Acq: 15 Mar 2025 03:41

Tgt Ion:188 Resp: 5495
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.0 8.8 13.2#

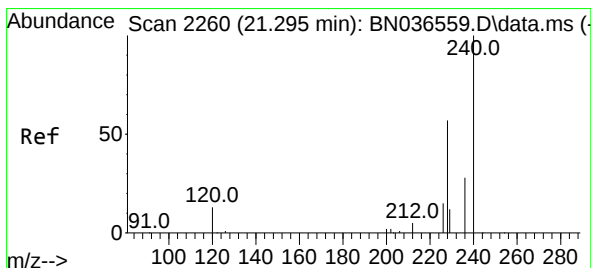
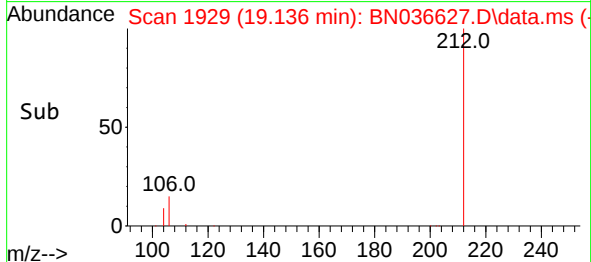
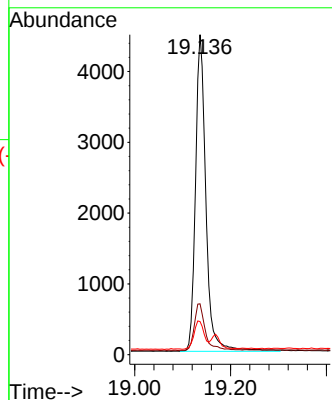
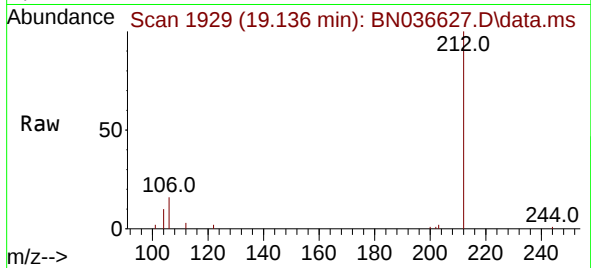




#27
Fluoranthene-d10
Concen: 0.480 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036627.D
Acq: 15 Mar 2025 03:41

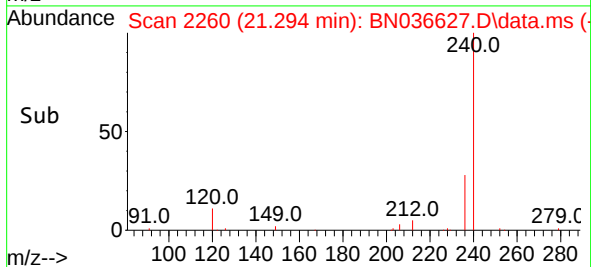
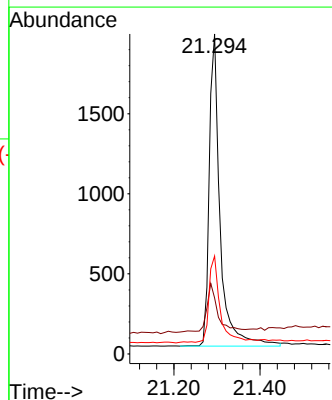
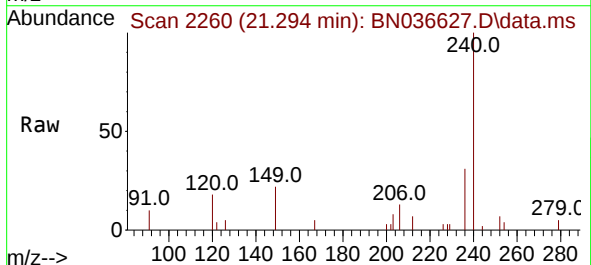
Instrument :
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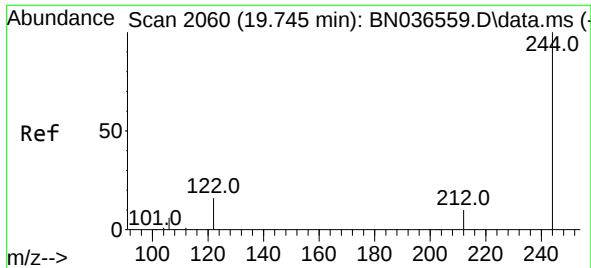
Tgt Ion:212 Resp: 6763
Ion Ratio Lower Upper
212 100
106 15.6 11.8 17.6
104 8.8 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.294 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN036627.D
Acq: 15 Mar 2025 03:41

Tgt Ion:240 Resp: 3416
Ion Ratio Lower Upper
240 100
120 17.5 14.6 22.0
236 30.6 24.1 36.1

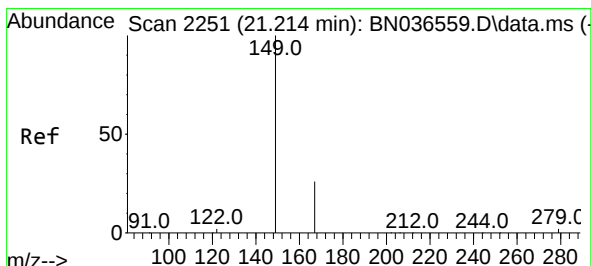
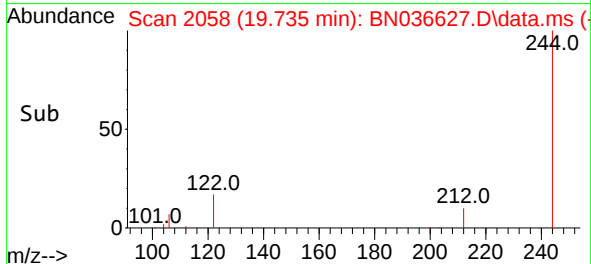
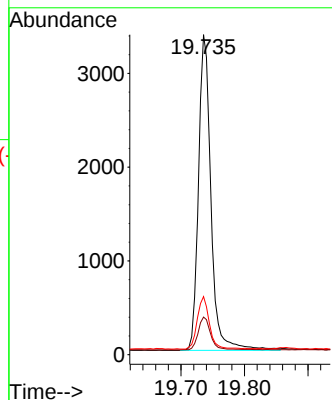
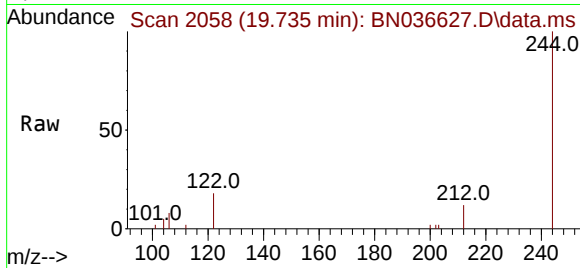




#31
 Terphenyl-d14
 Concen: 0.562 ng
 RT: 19.735 min Scan# 2060
 Delta R.T. -0.009 min
 Lab File: BN036627.D
 Acq: 15 Mar 2025 03:41

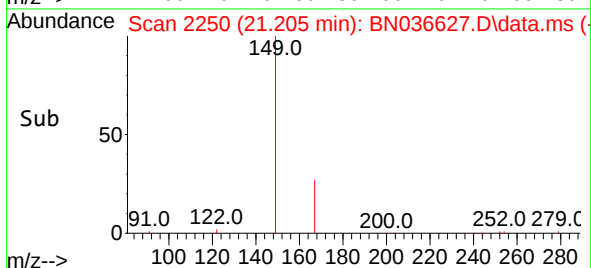
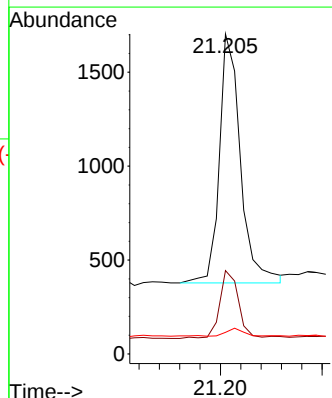
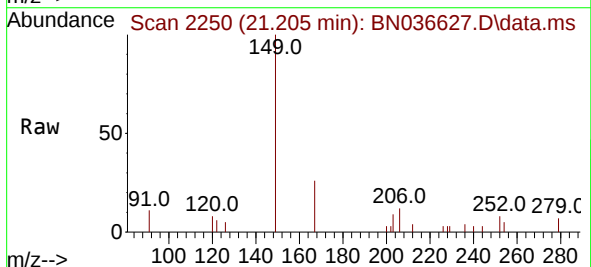
Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20250310

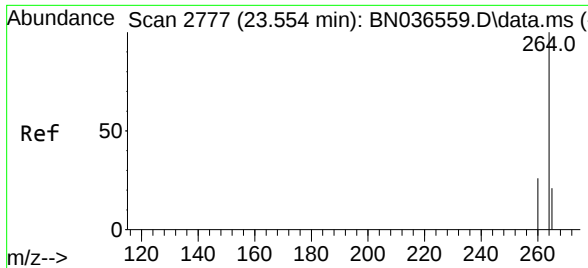
Tgt Ion:244 Resp: 4602
 Ion Ratio Lower Upper
 244 100
 212 11.7 9.6 14.4
 122 18.2 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.225 ng
 RT: 21.205 min Scan# 2250
 Delta R.T. -0.009 min
 Lab File: BN036627.D
 Acq: 15 Mar 2025 03:41

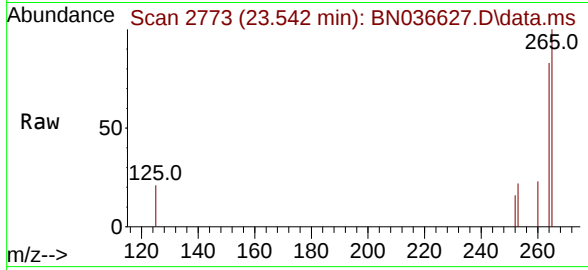
Tgt Ion:149 Resp: 1907
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.7 31.1
 279 2.3 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.542 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN036627.D
 Acq: 15 Mar 2025 03:41

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20250310



Tgt Ion:264 Resp: 2824

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.6	33.8
265	121.0	88.1	132.1

