

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036658.D
 Acq On : 17 Mar 2025 14:14
 Operator : RC/JU
 Sample : Q1559-02DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20250310DL

Quant Time: Mar 17 15:05:04 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

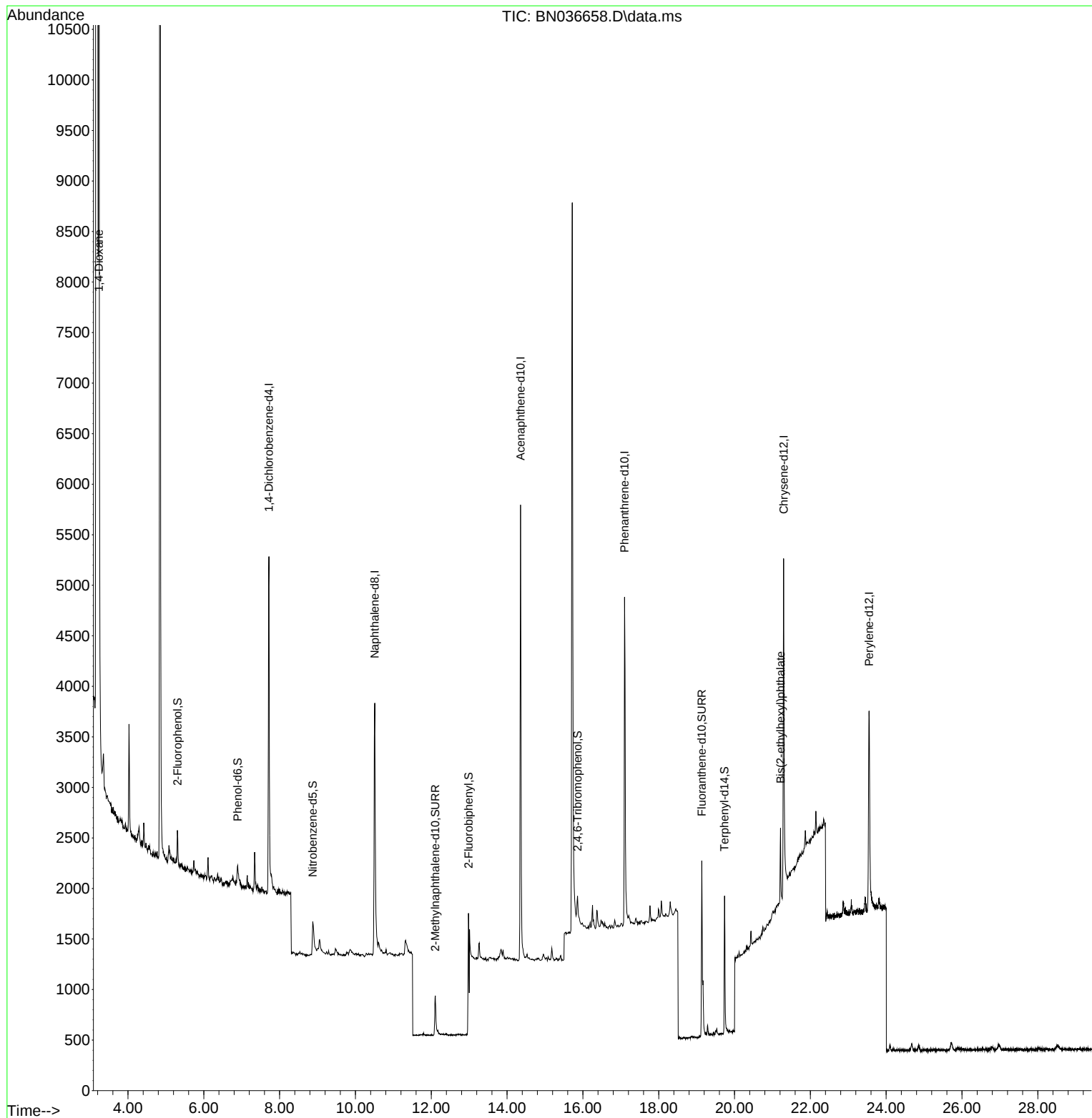
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1759	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4310	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2681	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5458	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	3802	0.400	ng	0.00
35) Perylene-d12	23.548	264	3271	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	253	0.062	ng	0.00
5) Phenol-d6	6.894	99	210	0.041	ng	0.00
8) Nitrobenzene-d5	8.875	82	541	0.115	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	814	0.127	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	182	0.150	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	1924	0.123	ng	0.00
27) Fluoranthene-d10	19.136	212	2238	0.160	ng	0.00
31) Terphenyl-d14	19.736	244	1534	0.168	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	6012	3.081	ng	95
34) Bis(2-ethylhexyl)phtha...	21.214	149	769	0.082	ng	99

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

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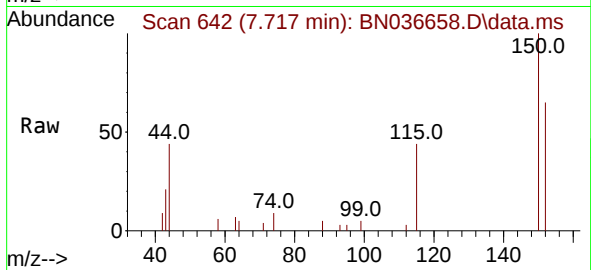
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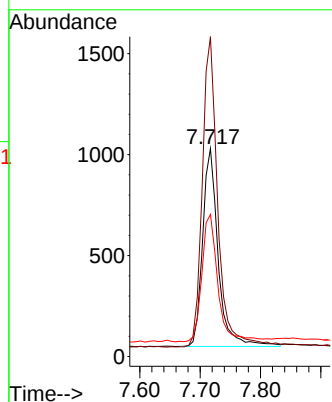
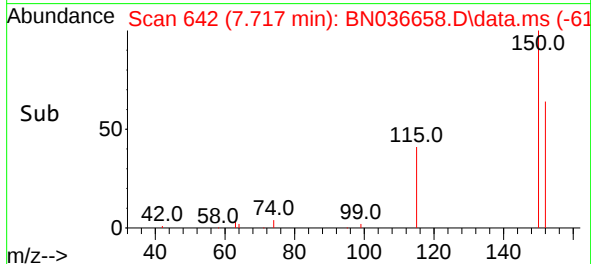


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036658.D
 Acq: 17 Mar 2025 14:14

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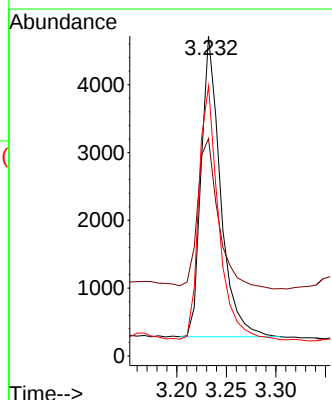
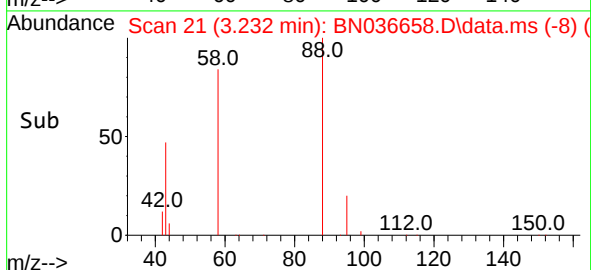
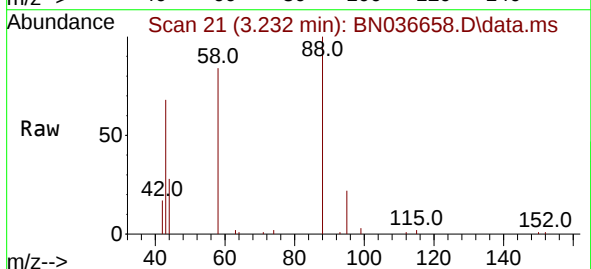


Tgt Ion:152 Resp: 1759
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.7 185.5
 115 68.3 54.3 81.5



#2
 1,4-Dioxane
 Concen: 3.081 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036658.D
 Acq: 17 Mar 2025 14:14

Tgt Ion: 88 Resp: 6012
 Ion Ratio Lower Upper
 88 100
 43 54.3 37.8 56.8
 58 86.6 67.4 101.2

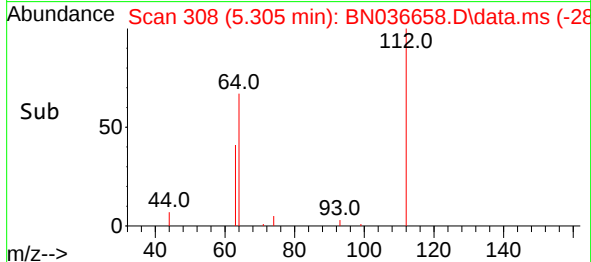
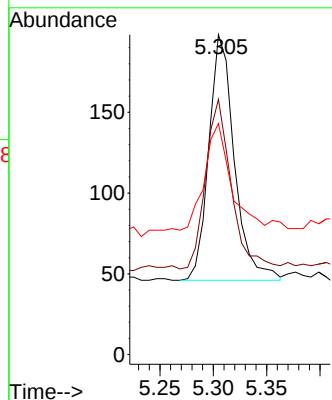
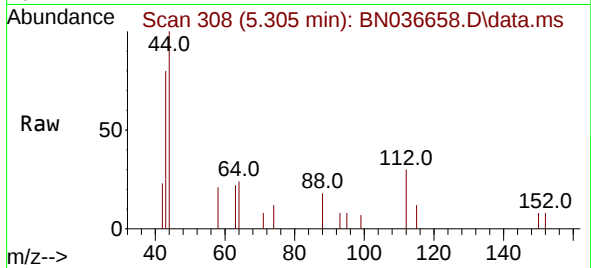




#4
2-Fluorophenol
Concen: 0.062 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036658.D
Acq: 17 Mar 2025 14:14

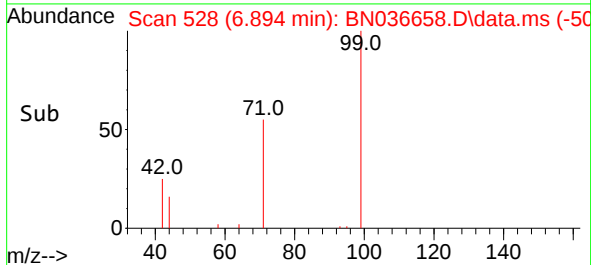
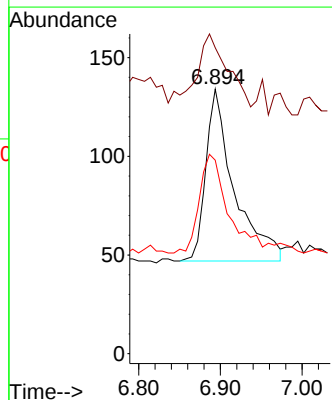
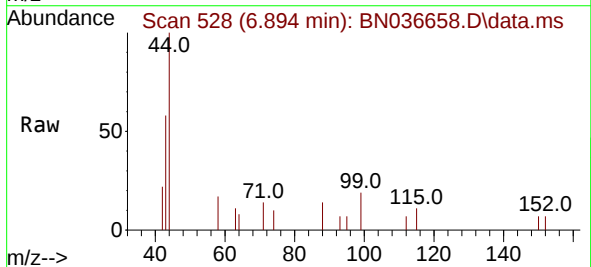
Instrument :
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Tgt Ion:112 Resp: 253
Ion Ratio Lower Upper
112 100
64 69.6 53.1 79.7
63 60.5 31.8 47.8#



#5
Phenol-d6
Concen: 0.041 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036658.D
Acq: 17 Mar 2025 14:14

Tgt Ion: 99 Resp: 210
Ion Ratio Lower Upper
99 100
42 48.6 26.5 39.7#
71 60.0 34.1 51.1#

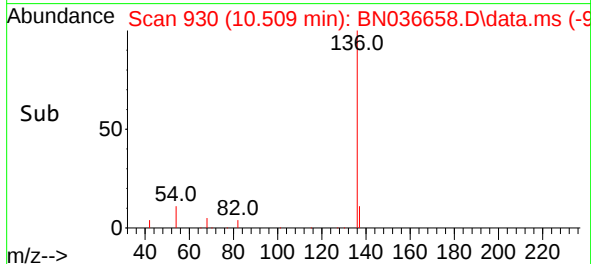
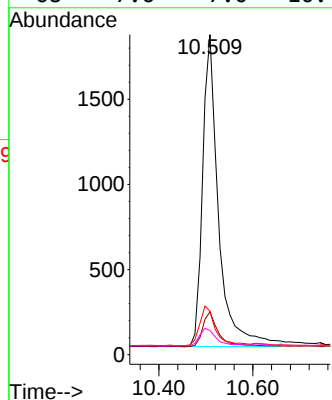
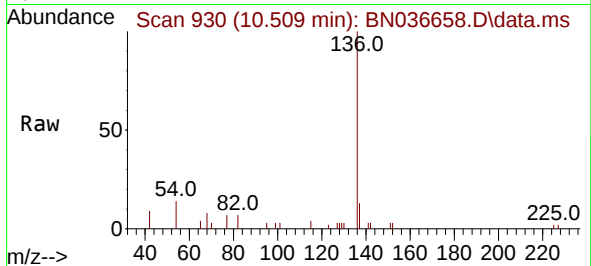




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036658.D
Acq: 17 Mar 2025 14:14

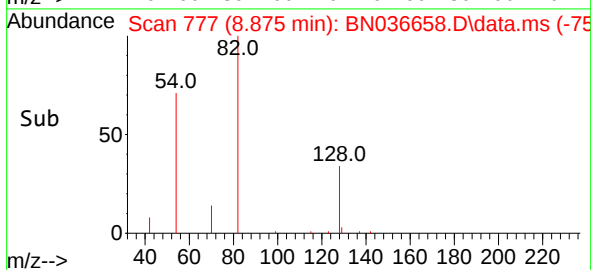
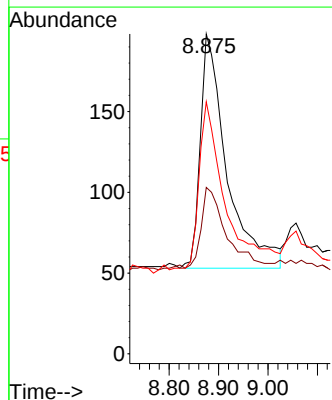
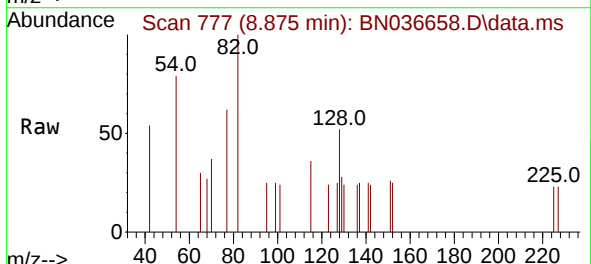
Instrument :
BNA_N
ClientSampleId :
RE115D2-20250310DL

Tgt Ion:	136	Resp:	4310
Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.3	15.5
54	13.6	11.5	17.3
68	7.6	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.115 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN036658.D
Acq: 17 Mar 2025 14:14

Tgt Ion:	82	Resp:	541
Ion	Ratio	Lower	Upper
82	100		
128	52.0	30.6	45.8#
54	78.8	52.2	78.4#

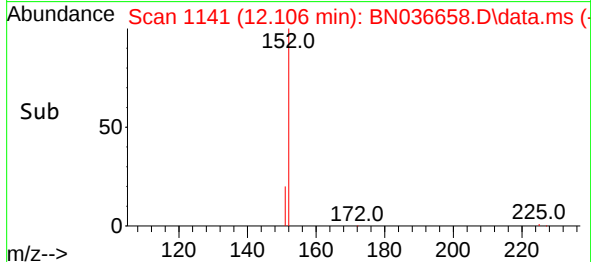
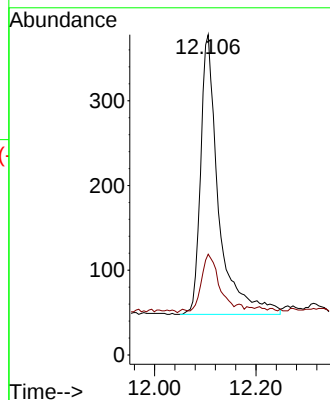
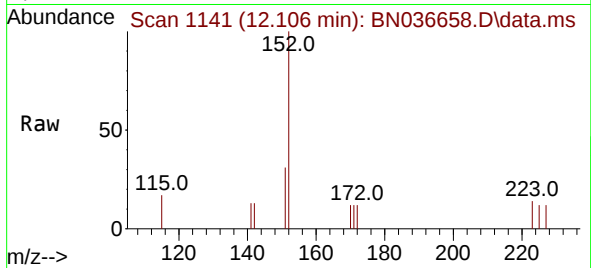




#11
2-Methylnaphthalene-d10
Concen: 0.127 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036658.D
Acq: 17 Mar 2025 14:14

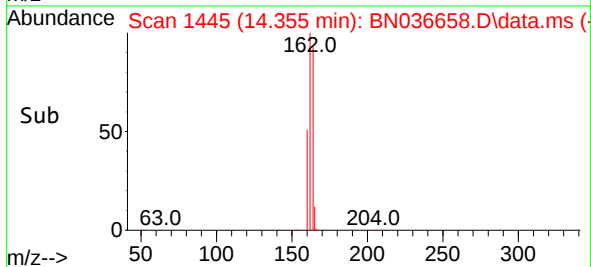
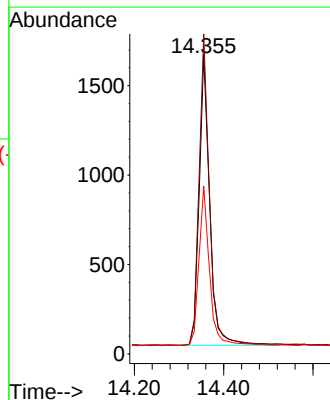
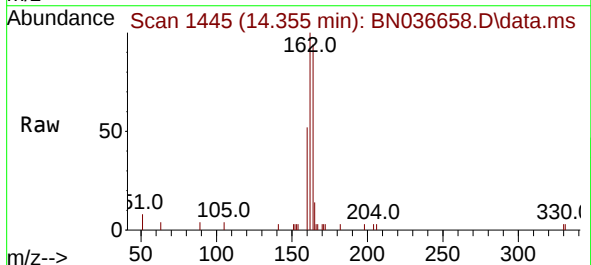
Instrument :
BNA_N
ClientSampleId :
RE115D2-20250310DL

Tgt Ion:152 Resp: 814
Ion Ratio Lower Upper
152 100
151 19.2 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: BN036658.D
Acq: 17 Mar 2025 14:14

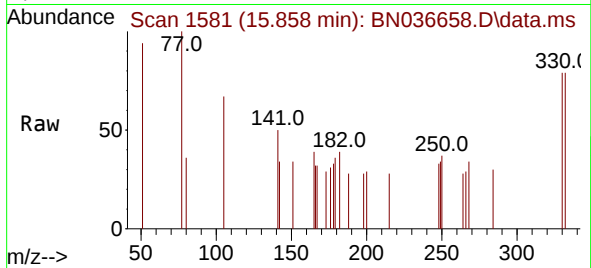
Tgt Ion:164 Resp: 2681
Ion Ratio Lower Upper
164 100
162 106.9 84.2 126.2
160 56.1 42.2 63.2



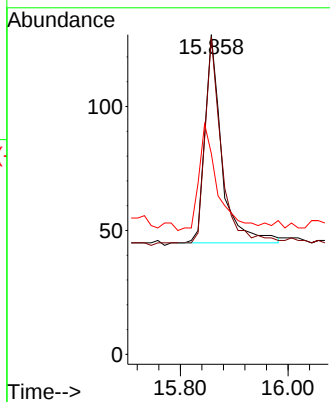
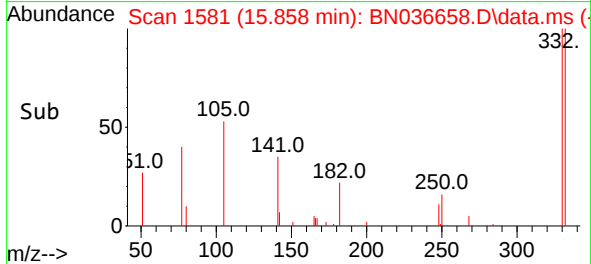


#14
2,4,6-Tribromophenol
Concen: 0.150 ng
RT: 15.858 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036658.D
Acq: 17 Mar 2025 14:14

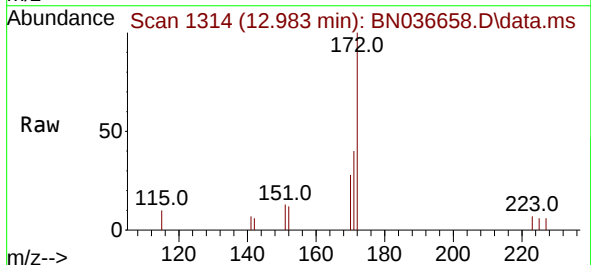
Instrument :
BNA_N
ClientSampleId :
RE115D2-20250310DL



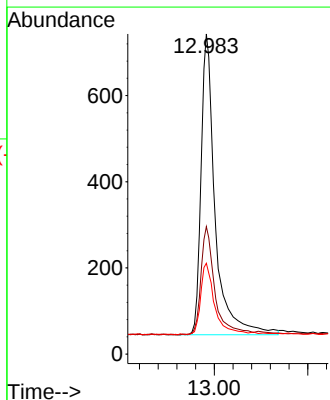
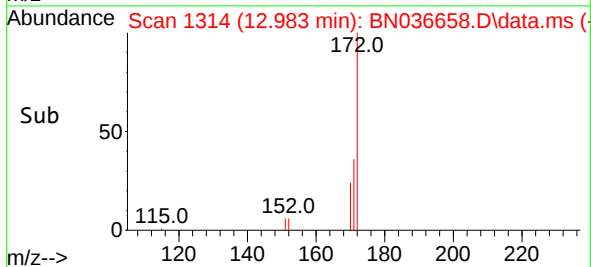
Tgt Ion:330 Resp: 182
Ion Ratio Lower Upper
330 100
332 95.6 75.2 112.8
141 56.6 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.123 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036658.D
Acq: 17 Mar 2025 14:14



Tgt Ion:172 Resp: 1924
Ion Ratio Lower Upper
172 100
171 39.8 29.5 44.3
170 28.4 20.2 30.4

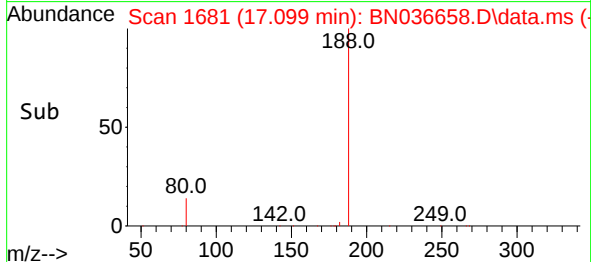
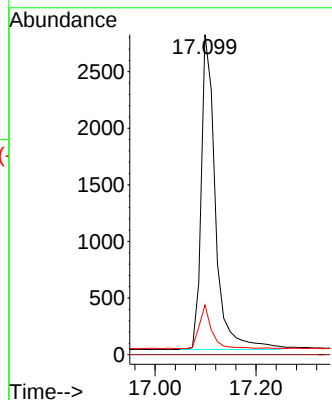
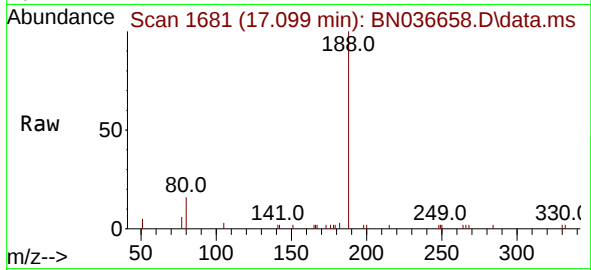




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036658.D
Acq: 17 Mar 2025 14:14

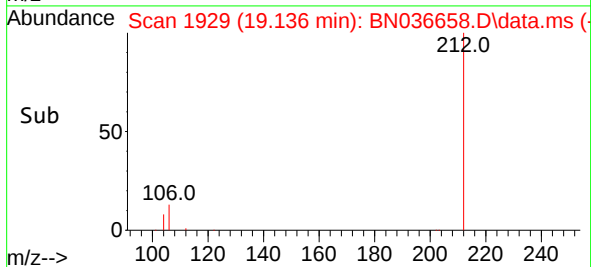
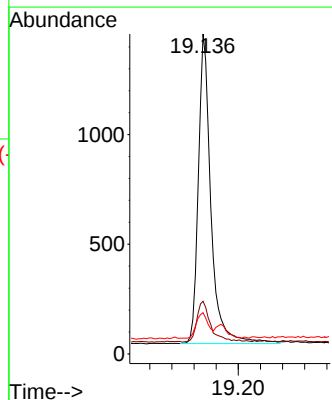
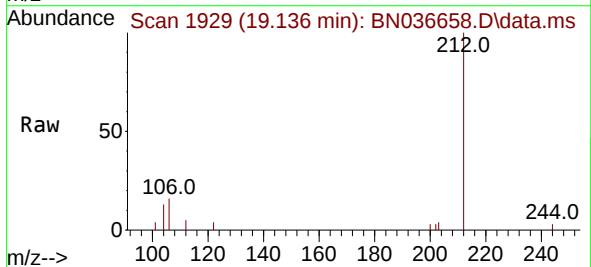
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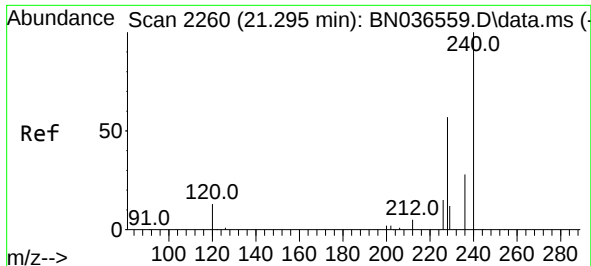
Tgt Ion:188 Resp: 5458
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.160 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036658.D
Acq: 17 Mar 2025 14:14

Tgt Ion:212 Resp: 2238
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.6
104 7.8 7.3 10.9

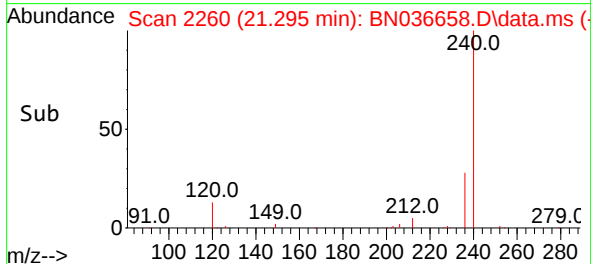
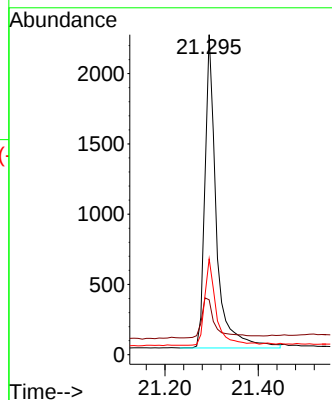
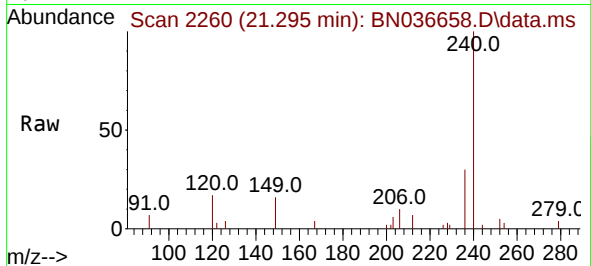




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036658.D
Acq: 17 Mar 2025 14:14

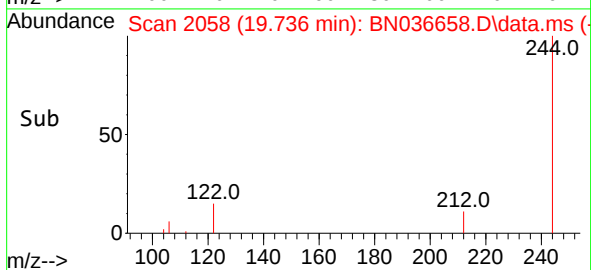
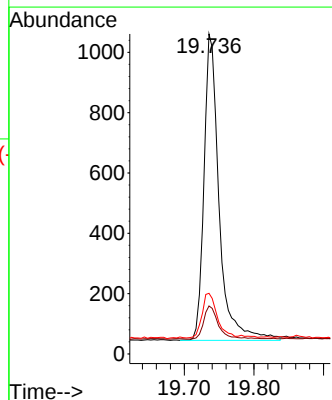
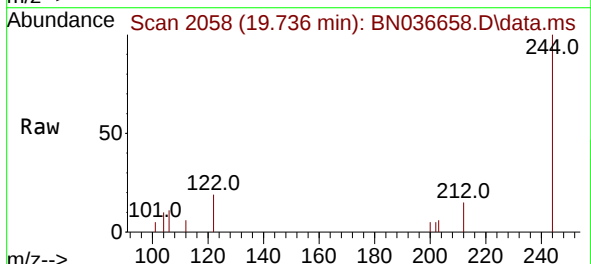
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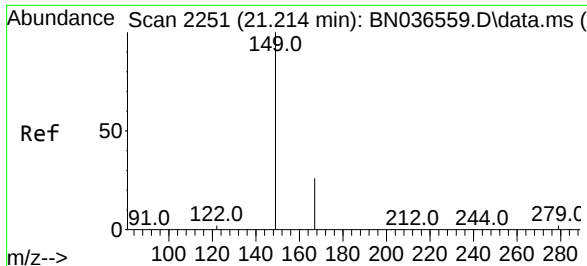
Tgt Ion:240 Resp: 3802
Ion Ratio Lower Upper
240 100
120 17.2 14.6 22.0
236 30.0 24.1 36.1



#31
Terphenyl-d14
Concen: 0.168 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036658.D
Acq: 17 Mar 2025 14:14

Tgt Ion:244 Resp: 1534
Ion Ratio Lower Upper
244 100
212 15.0 9.6 14.4#
122 18.9 13.9 20.9

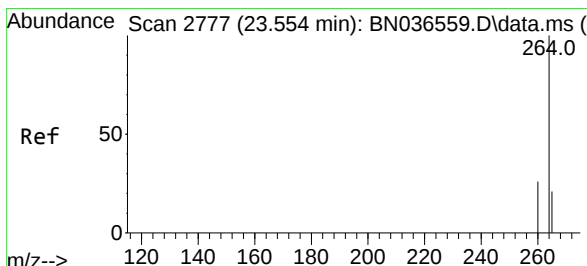
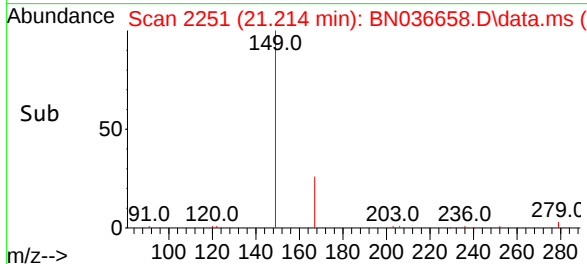
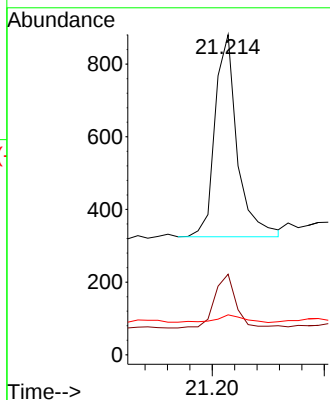
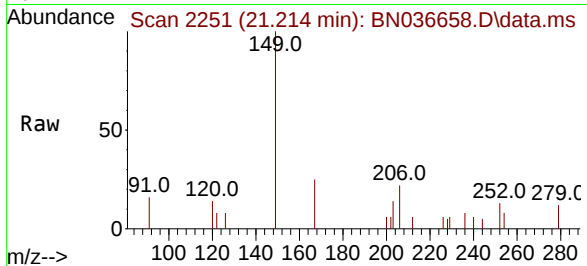




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.214 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN036658.D
 Acq: 17 Mar 2025 14:14

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Tgt Ion:149	Resp:	769
Ion Ratio	Lower	Upper
149	100	
167	25.4	20.7 31.1
279	4.6	3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.548 min Scan# 2775
 Delta R.T. -0.006 min
 Lab File: BN036658.D
 Acq: 17 Mar 2025 14:14

Tgt Ion:264	Resp:	3271
Ion Ratio	Lower	Upper
264	100	
260	27.1	22.6 33.8
265	88.6	88.1 132.1

