

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033125\
 Data File : BN036810.D
 Acq On : 31 Mar 2025 11:15
 Operator : RC/JU
 Sample : PB167251BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167251BL

Quant Time: Mar 31 12:11:22 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)

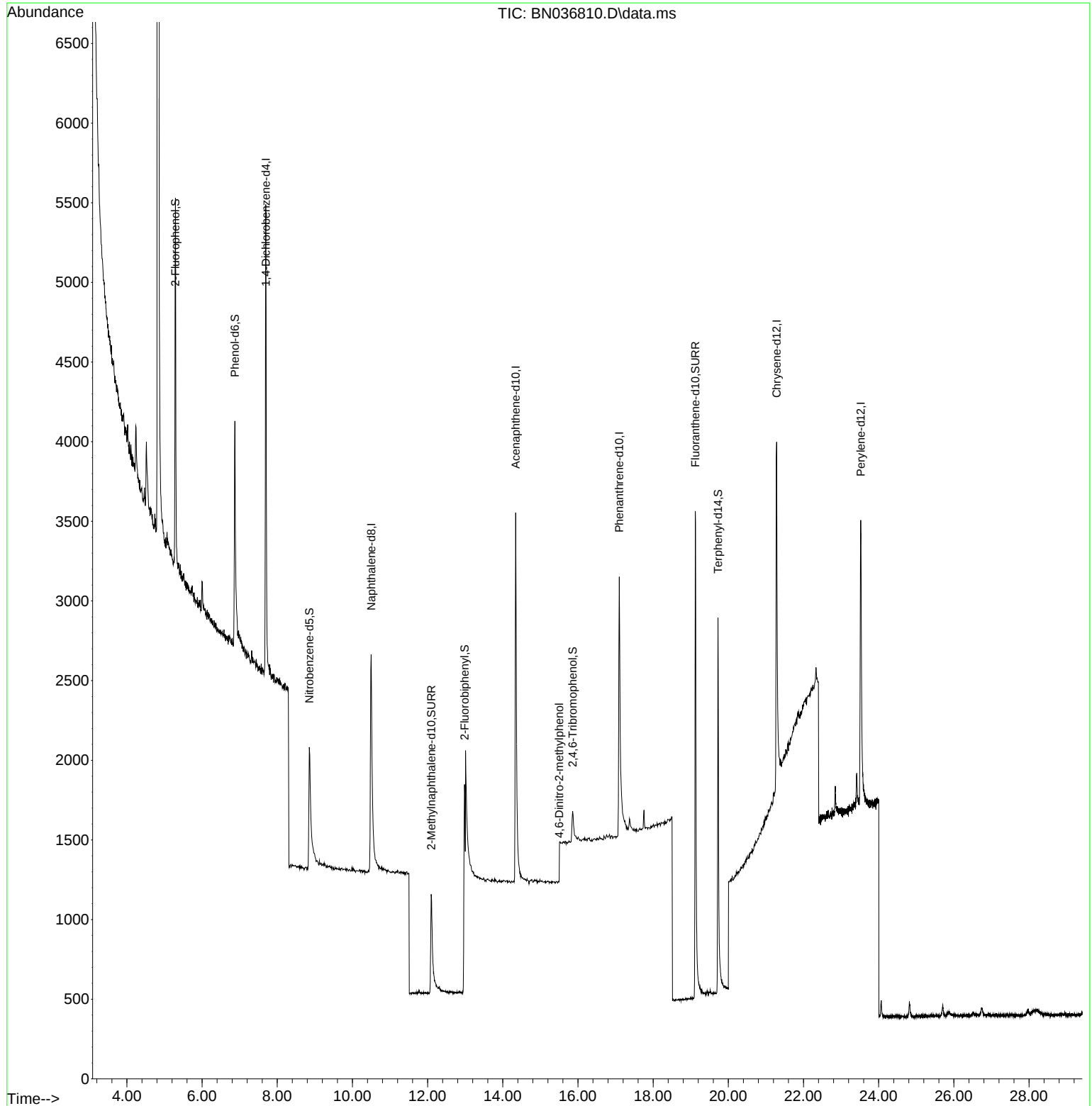
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1557	0.400	ng	-0.03
7) Naphthalene-d8	10.498	136	3375	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2051	0.400	ng	-0.02
19) Phenanthrene-d10	17.099	188	4150	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	3420	0.400	ng	0.00
35) Perylene-d12	23.522	264	3138	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1654	0.456	ng	-0.02
5) Phenol-d6	6.872	99	1686	0.376	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1315	0.358	ng	-0.02
11) 2-Methylnaphthalene-d10	12.096	152	1897	0.378	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	221	0.237	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	3545	0.297	ng	0.00
27) Fluoranthene-d10	19.122	212	4846	0.456	ng	-0.02
31) Terphenyl-d14	19.726	244	3281	0.400	ng	-0.02
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.499	198	6	0.151	ng	# 16

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

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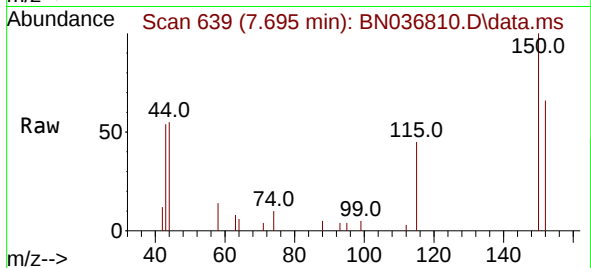
Quant Time: Mar 31 12:11:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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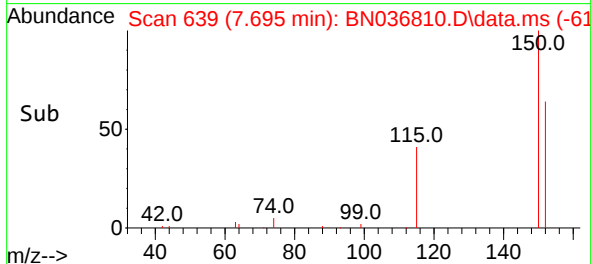
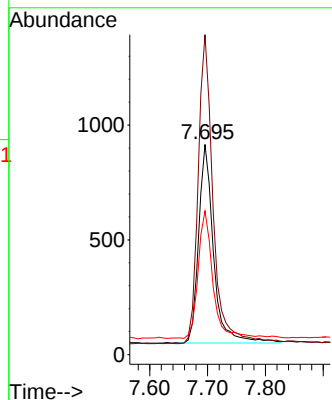
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036810.D
 Acq: 31 Mar 2025 11:15

Instrument :
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Tgt Ion:152 Resp: 1557

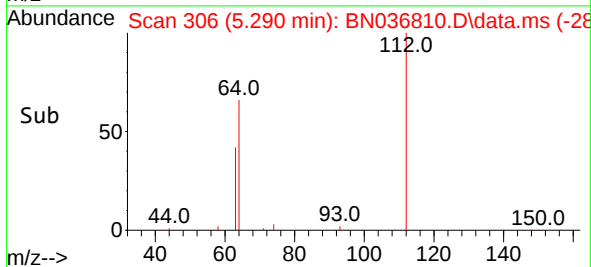
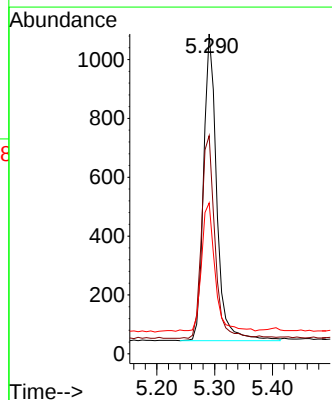
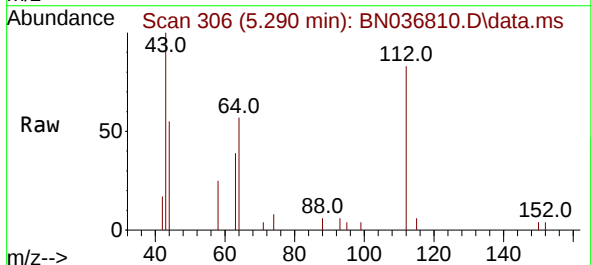
Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.7	185.5
115	68.3	54.3	81.5



#4
 2-Fluorophenol
 Concen: 0.456 ng
 RT: 5.290 min Scan# 306
 Delta R.T. -0.022 min
 Lab File: BN036810.D
 Acq: 31 Mar 2025 11:15

Tgt Ion:112 Resp: 1654

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.1	79.7
63	44.3	31.8	47.8

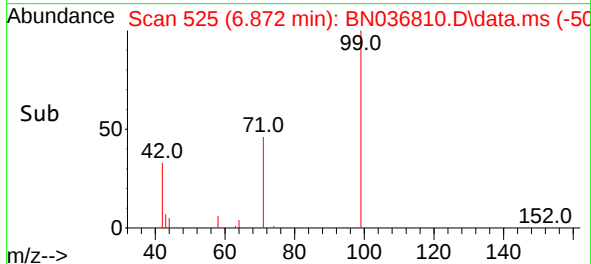
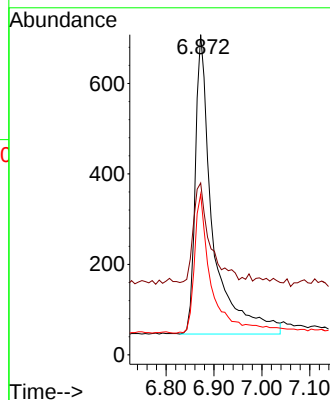
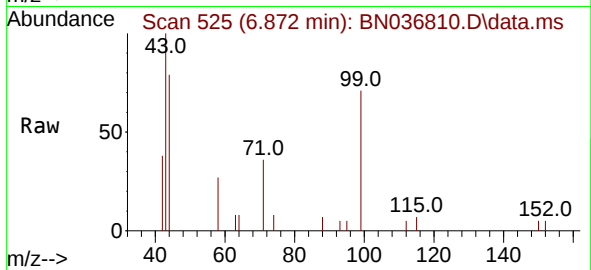




#5
Phenol-d6
Concen: 0.376 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN036810.D
Acq: 31 Mar 2025 11:15

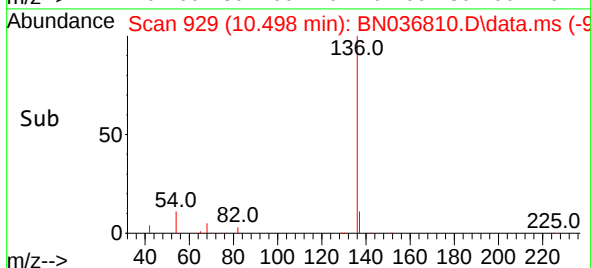
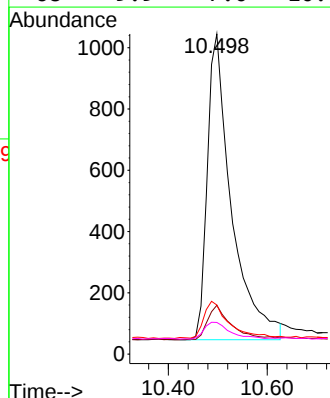
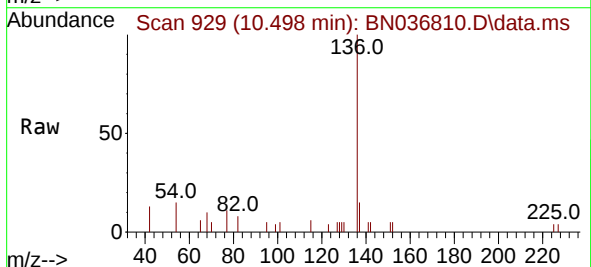
Instrument :
BNA_N
ClientSampleId :
PB167251BL

Tgt Ion: 99 Resp: 1686
Ion Ratio Lower Upper
99 100
42 31.4 26.5 39.7
71 45.7 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036810.D
Acq: 31 Mar 2025 11:15

Tgt Ion: 136 Resp: 3375
Ion Ratio Lower Upper
136 100
137 15.2 10.3 15.5
54 15.3 11.5 17.3
68 9.9 7.0 10.4

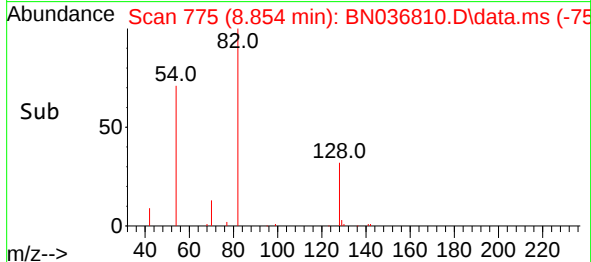
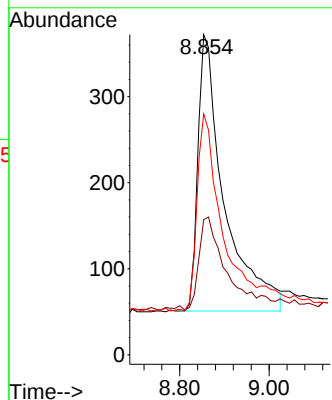
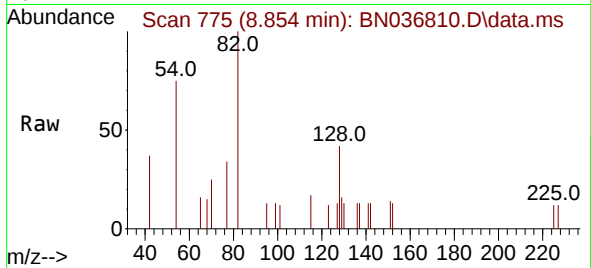




#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.854 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN036810.D
Acq: 31 Mar 2025 11:15

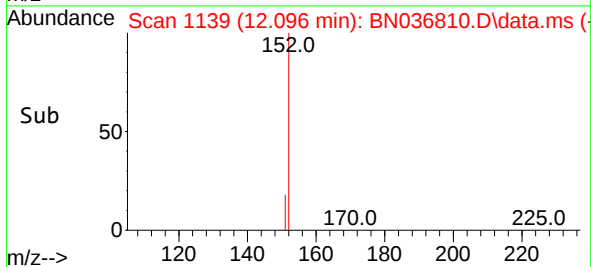
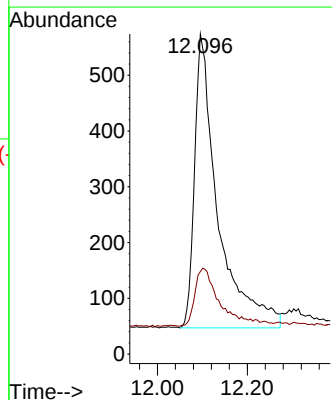
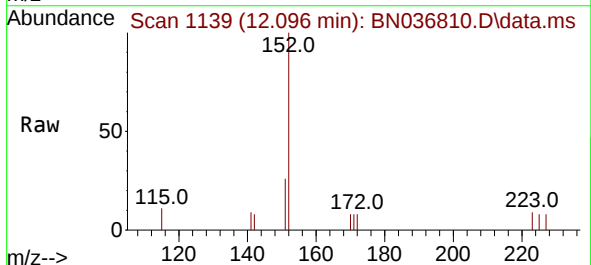
Instrument :
BNA_N
ClientSampleId :
PB167251BL

Tgt Ion: 82 Resp: 1315
Ion Ratio Lower Upper
82 100
128 42.2 30.6 45.8
54 75.3 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.096 min Scan# 1139
Delta R.T. -0.015 min
Lab File: BN036810.D
Acq: 31 Mar 2025 11:15

Tgt Ion: 152 Resp: 1897
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6

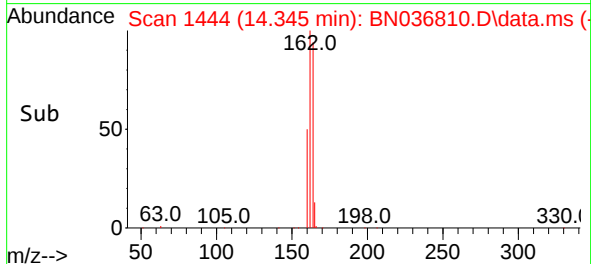
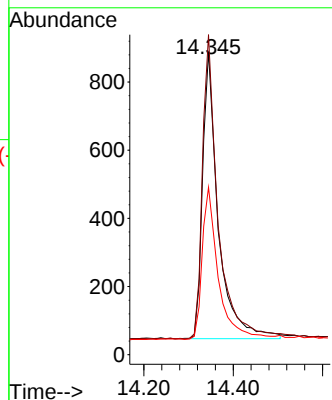
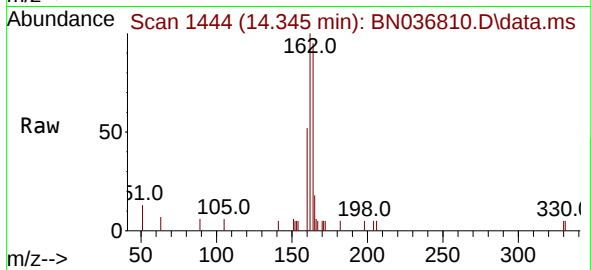




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036810.D
Acq: 31 Mar 2025 11:15

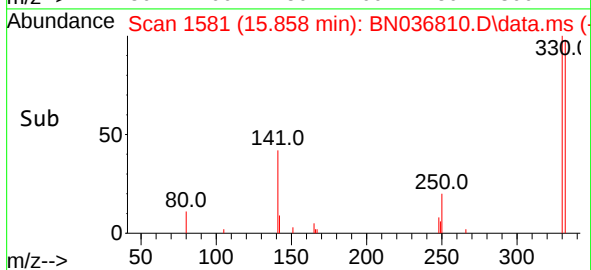
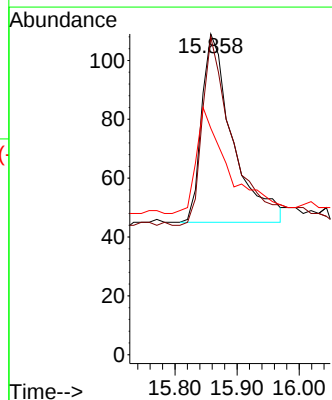
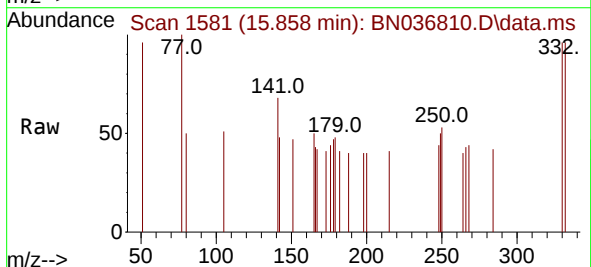
Instrument :
BNA_N
ClientSampleId :
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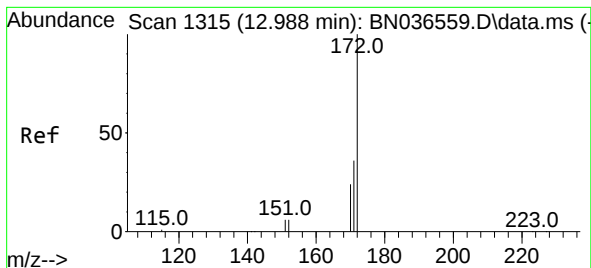
Tgt Ion:164 Resp: 2051
Ion Ratio Lower Upper
164 100
162 105.6 84.2 126.2
160 55.2 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036810.D
Acq: 31 Mar 2025 11:15

Tgt Ion:330 Resp: 221
Ion Ratio Lower Upper
330 100
332 101.4 75.2 112.8
141 58.8 43.4 65.2

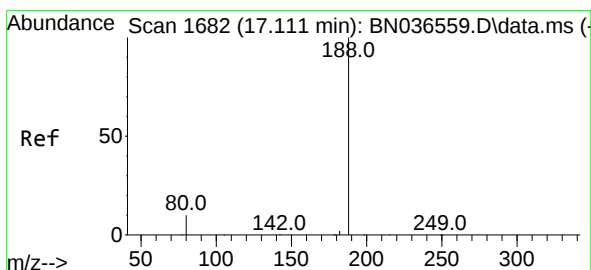
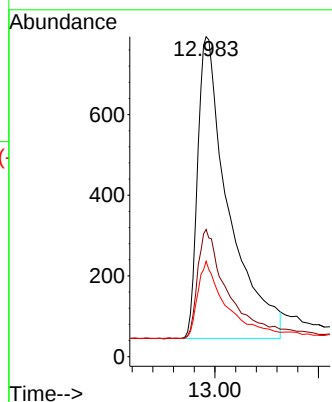
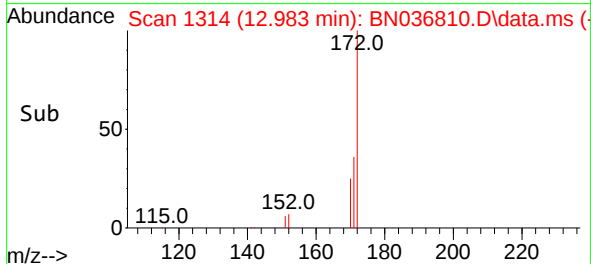
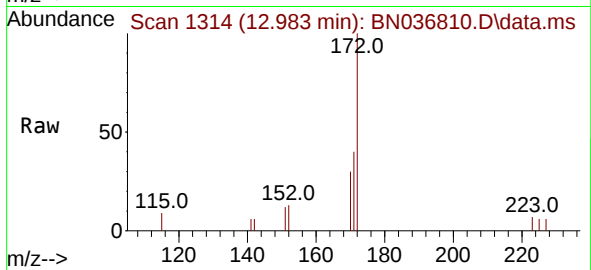




#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 12.983 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036810.D
Acq: 31 Mar 2025 11:15

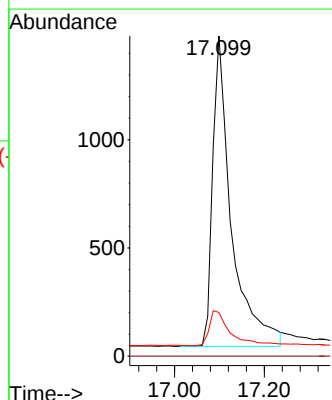
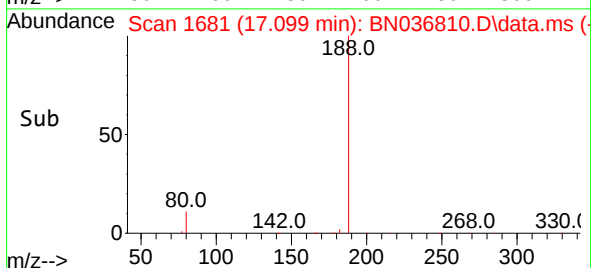
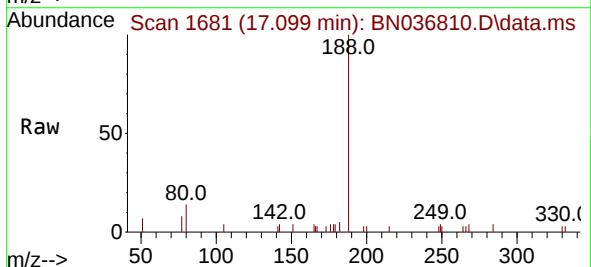
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BNA_N
ClientSampleId :
PB167251BL

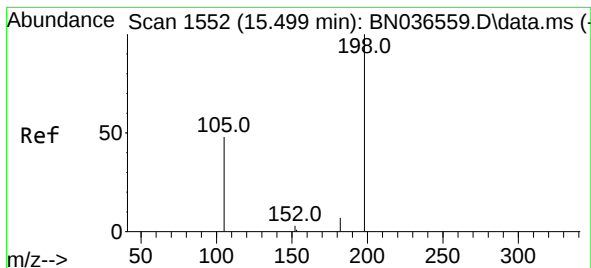
Tgt Ion:172 Resp: 3545
Ion Ratio Lower Upper
172 100
171 39.7 29.5 44.3
170 29.8 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036810.D
Acq: 31 Mar 2025 11:15

Tgt Ion:188 Resp: 4150
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 8.8 13.2#

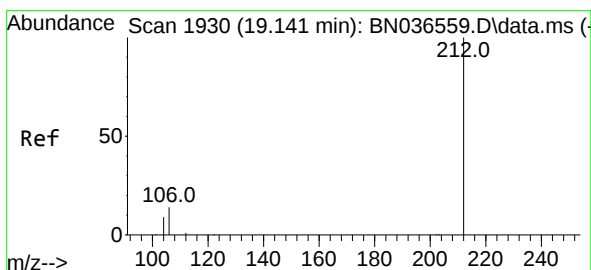
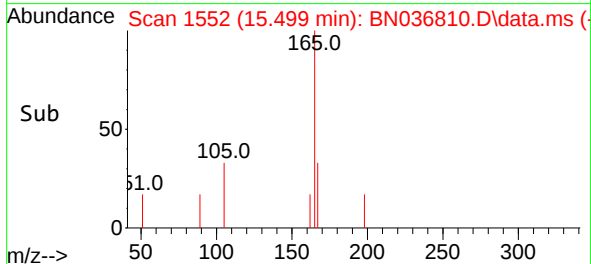
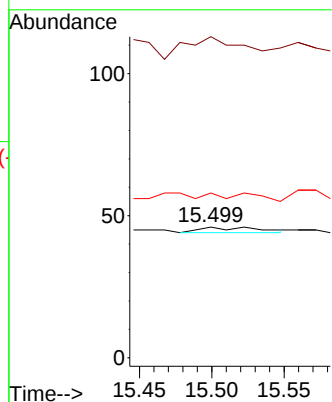
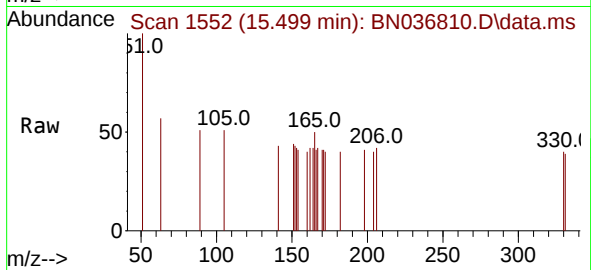




#20
4,6-Dinitro-2-methylphenol
Concen: 0.151 ng
RT: 15.499 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036810.D
Acq: 31 Mar 2025 11:15

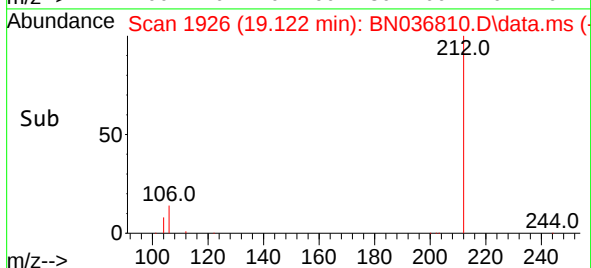
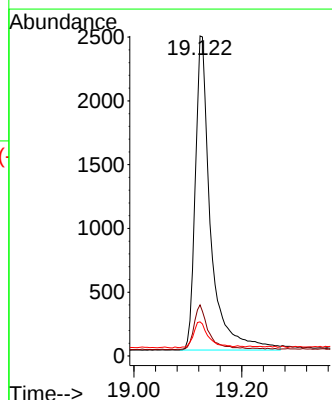
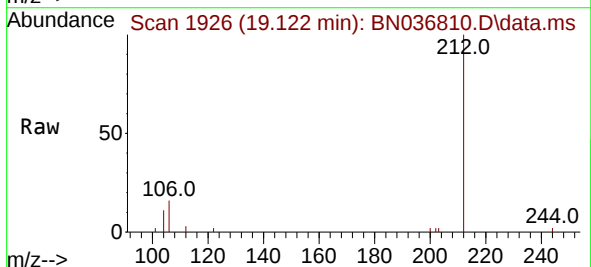
Instrument :
BNA_N
ClientSampleId :
PB167251BL

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 245.7 107.9 161.9#
105 126.1 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.019 min
Lab File: BN036810.D
Acq: 31 Mar 2025 11:15

Tgt Ion:212 Resp: 4846
Ion Ratio Lower Upper
212 100
106 13.4 11.8 17.6
104 7.9 7.3 10.9

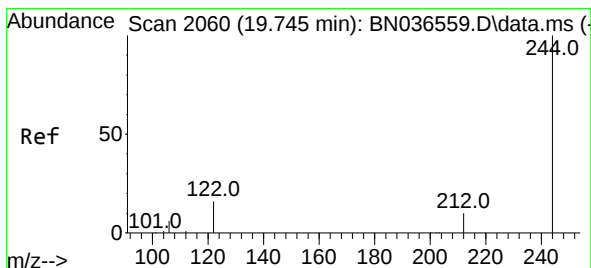
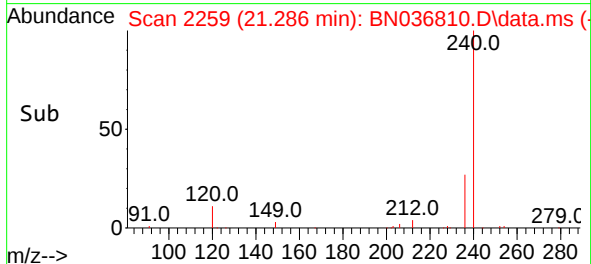
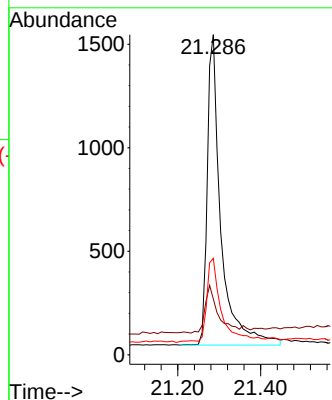
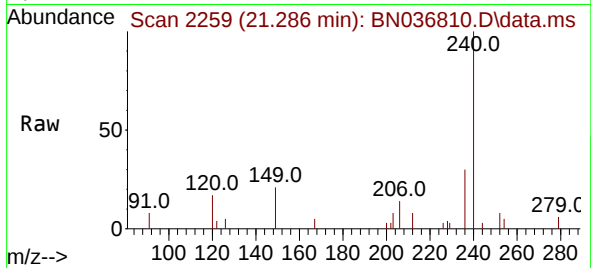




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036810.D
Acq: 31 Mar 2025 11:15

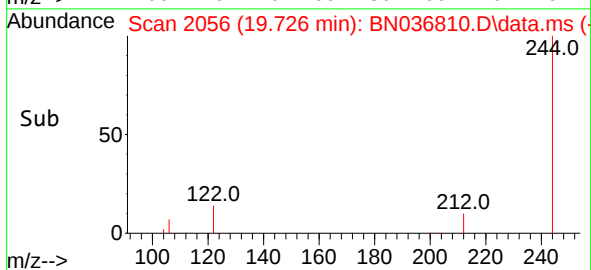
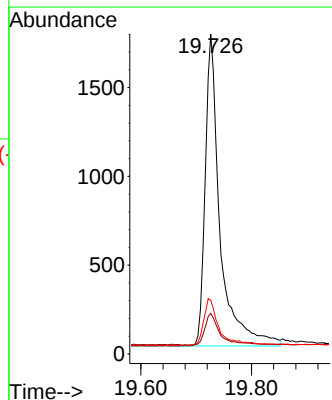
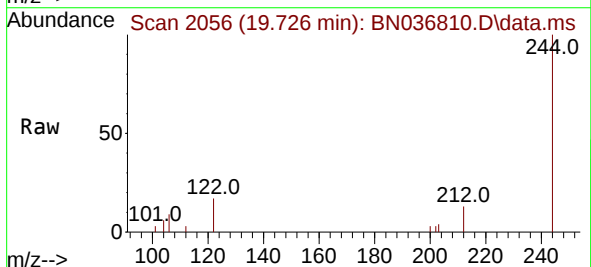
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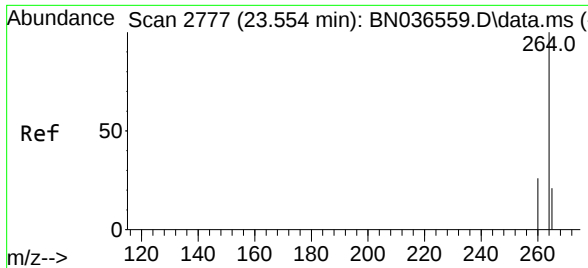
Tgt Ion:240 Resp: 3420
Ion Ratio Lower Upper
240 100
120 17.4 14.6 22.0
236 30.1 24.1 36.1



#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.726 min Scan# 2056
Delta R.T. -0.019 min
Lab File: BN036810.D
Acq: 31 Mar 2025 11:15

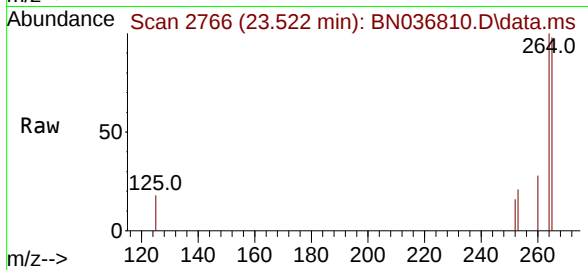
Tgt Ion:244 Resp: 3281
Ion Ratio Lower Upper
244 100
212 12.7 9.6 14.4
122 16.7 13.9 20.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: BN036810.D
 Acq: 31 Mar 2025 11:15

Instrument :
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Tgt Ion:264 Resp: 3138

Ion	Ratio	Lower	Upper
264	100		
260	28.3	22.6	33.8
265	97.5	88.1	132.1

