

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034511.D
 Acq On : 09 Oct 2024 19:14
 Operator : RC/JU
 Sample : P4231-06
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01S-20240926

Quant Time: Oct 10 01:46:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

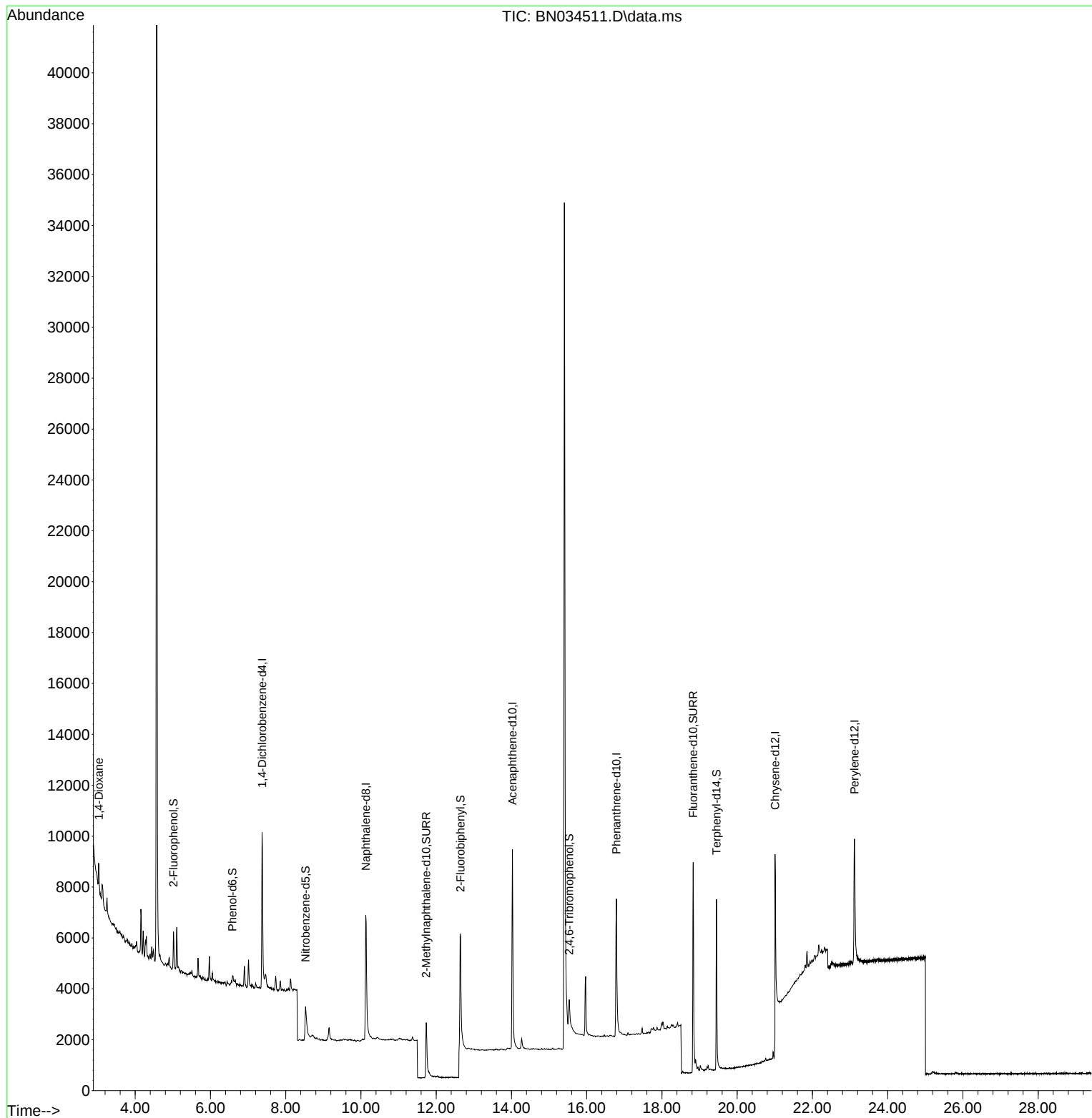
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3583	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	9742	0.400	ng	#-0.02
13) Acenaphthene-d10	14.026	164	5474	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	10229	0.400	ng	-0.01
29) Chrysene-d12	21.006	240	6965	0.400	ng	0.00
35) Perylene-d12	23.116	264	7621	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1166	0.115	ng	-0.01
5) Phenol-d6	6.585	99	509	0.043	ng	-0.01
8) Nitrobenzene-d5	8.525	82	1921	0.258	ng	-0.01
11) 2-Methylnaphthalene-d10	11.735	152	4410	0.307	ng	-0.02
14) 2,4,6-Tribromophenol	15.537	330	662	0.267	ng	-0.01
15) 2-Fluorobiphenyl	12.647	172	6264	0.281	ng	-0.01
27) Fluoranthene-d10	18.832	212	10502	0.407	ng	-0.01
31) Terphenyl-d14	19.450	244	7249	0.521	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	768	0.171	ng	# 33

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

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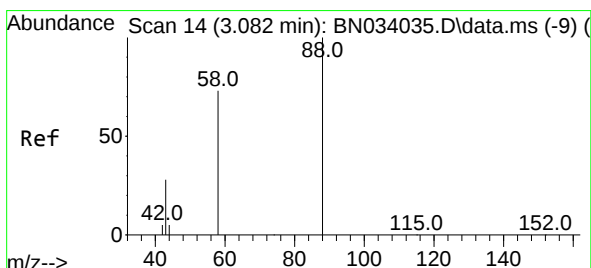
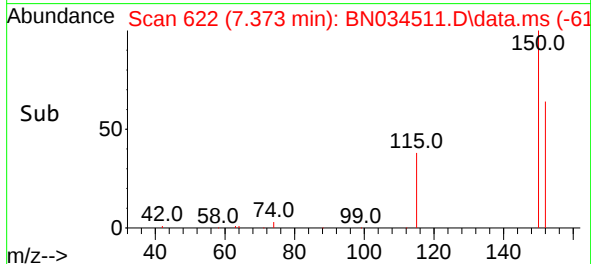
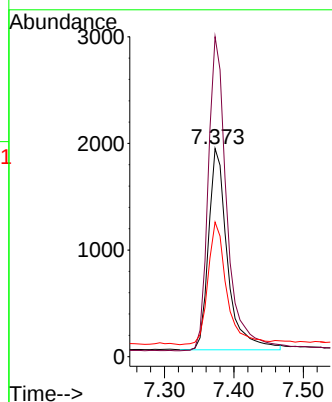
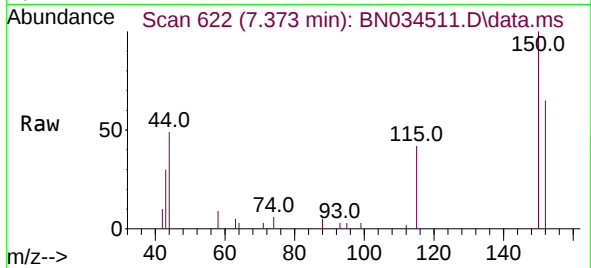




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

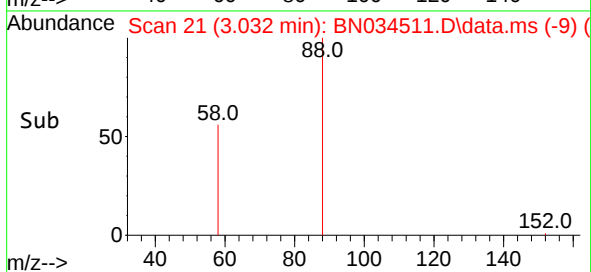
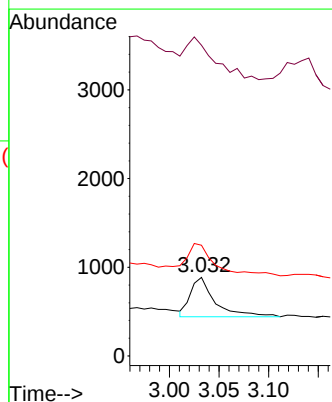
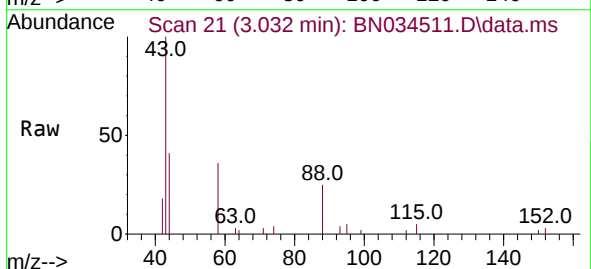
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20240926

Tgt Ion:152 Resp: 3583
Ion Ratio Lower Upper
152 100
150 153.7 124.6 187.0
115 64.7 50.0 75.0



#2
1,4-Dioxane
Concen: 0.171 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

Tgt Ion: 88 Resp: 768
Ion Ratio Lower Upper
88 100
43 121.6 25.8 38.8#
58 95.6 58.8 88.2#

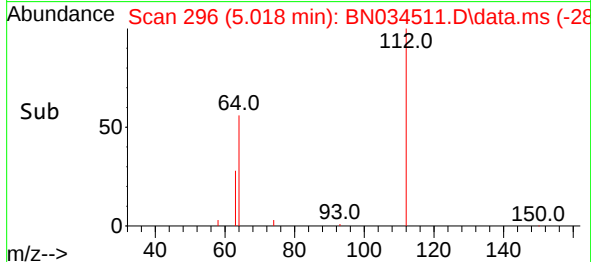
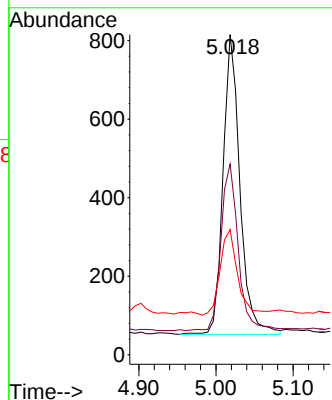
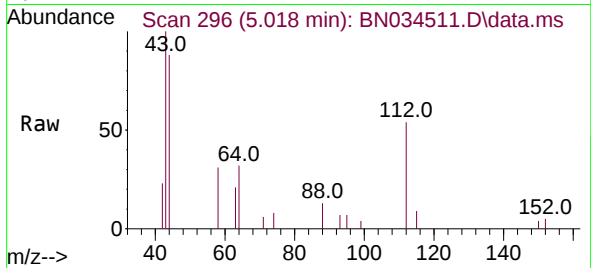




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.018 min Scan# 290
Delta R.T. -0.014 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

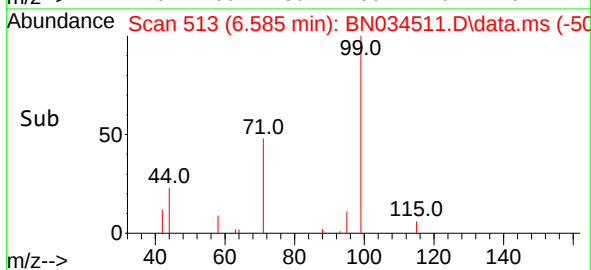
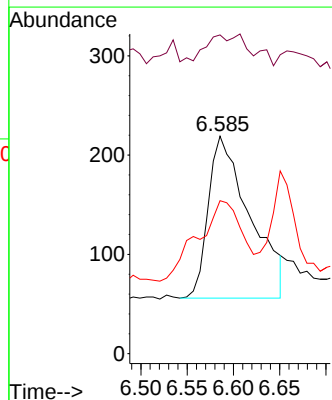
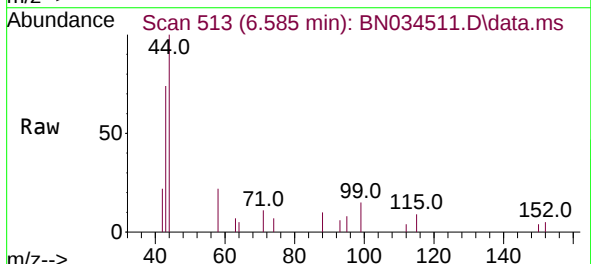
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20240926

Tgt Ion:112 Resp: 1166
Ion Ratio Lower Upper
112 100
64 56.5 48.6 72.8
63 29.3 25.6 38.4



#5
Phenol-d6
Concen: 0.043 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

Tgt Ion: 99 Resp: 509
Ion Ratio Lower Upper
99 100
42 0.0 17.8 26.8#
71 53.2 26.2 39.2#

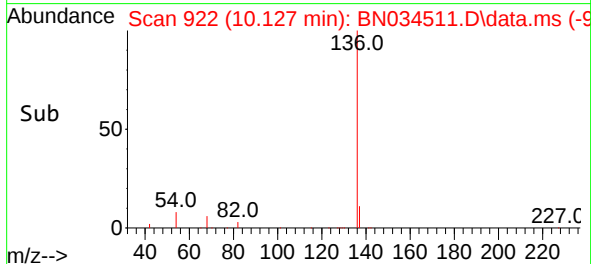
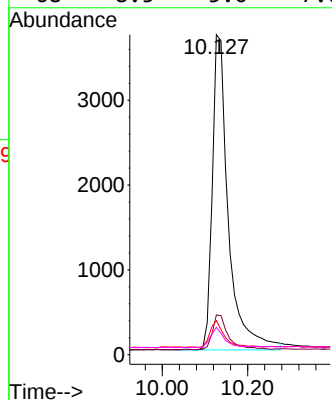
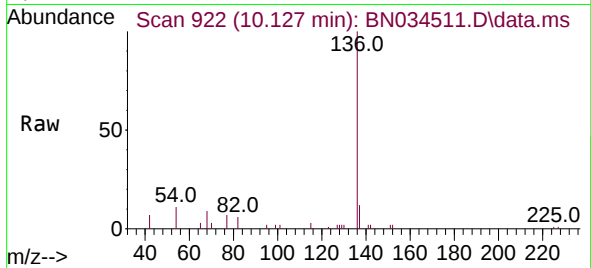




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

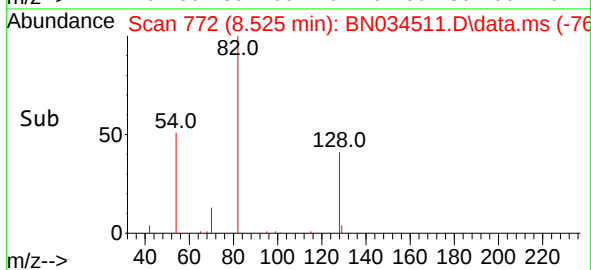
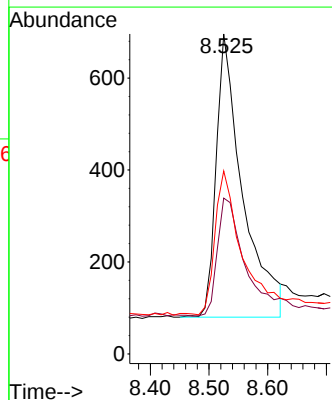
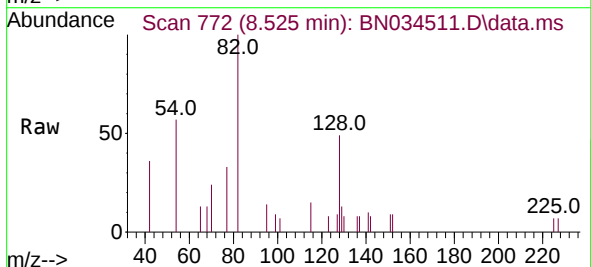
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20240926

Tgt Ion:	136	Resp:	9742
Ion Ratio	Lower	Upper	
136	100		
137	12.4	9.0	13.6
54	10.7	6.8	10.2#
68	8.5	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.525 min Scan# 772
Delta R.T. -0.011 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

Tgt Ion:	82	Resp:	1921
Ion Ratio	Lower	Upper	
82	100		
128	48.7	31.4	47.2#
54	57.2	47.4	71.0

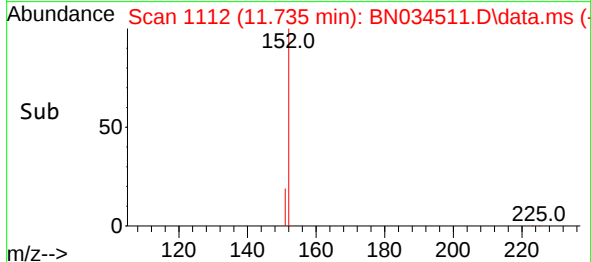
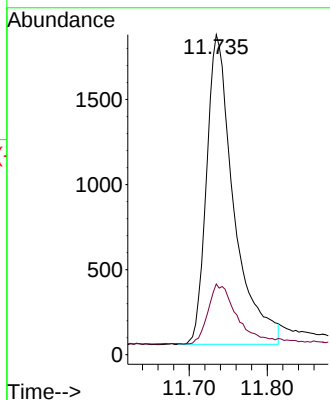
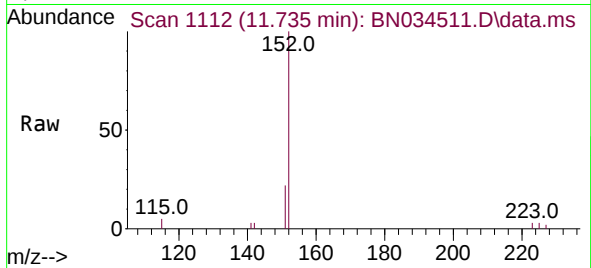




#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 11.735 min Scan# 1112
Delta R.T. -0.019 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

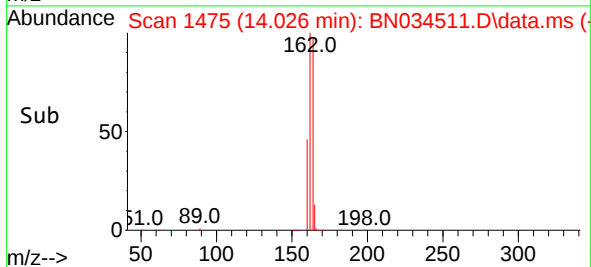
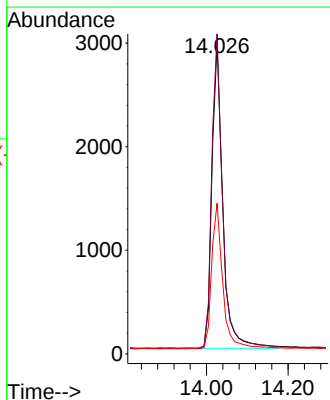
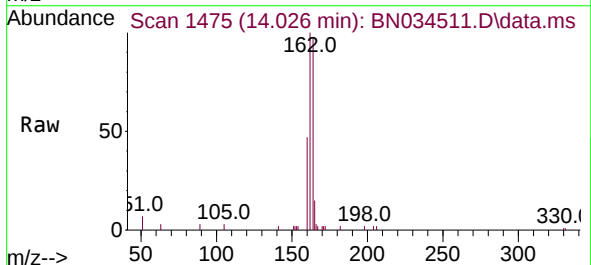
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20240926

Tgt Ion:152 Resp: 4410
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 1475
Delta R.T. -0.021 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

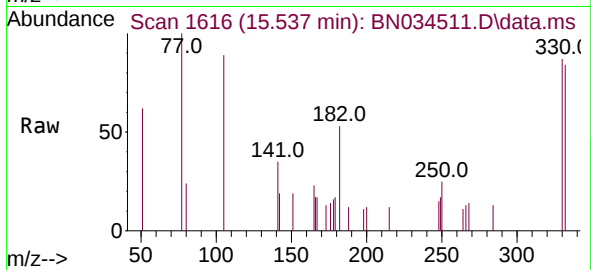
Tgt Ion:164 Resp: 5474
Ion Ratio Lower Upper
164 100
162 103.1 84.2 126.2
160 48.6 41.7 62.5



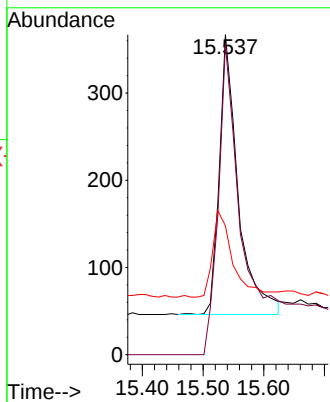
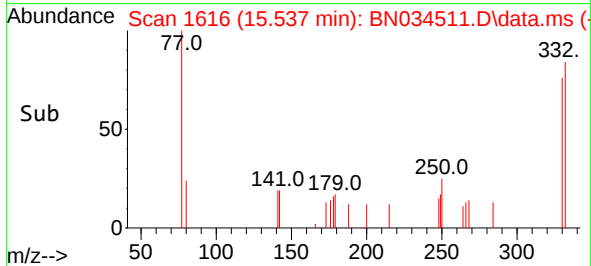


#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 15.537 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20240926

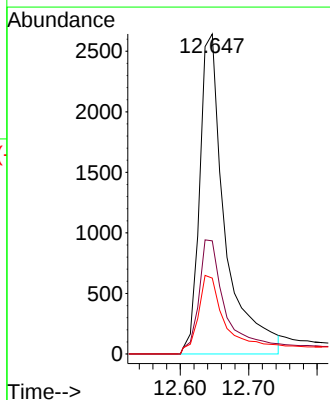
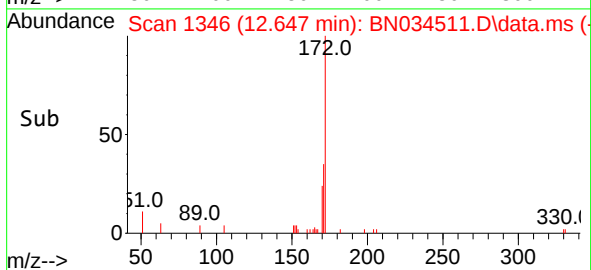
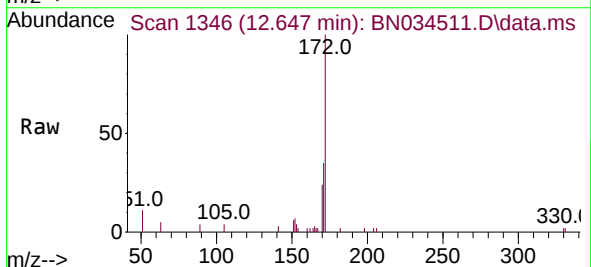


Tgt Ion:330 Resp: 662
Ion Ratio Lower Upper
330 100
332 146.7 77.4 116.0#
141 33.8 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 12.647 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

Tgt Ion:172 Resp: 6264
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 23.7 18.1 27.1

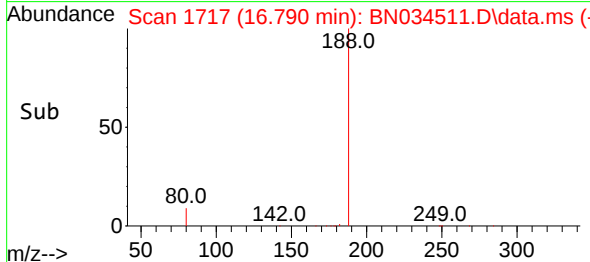
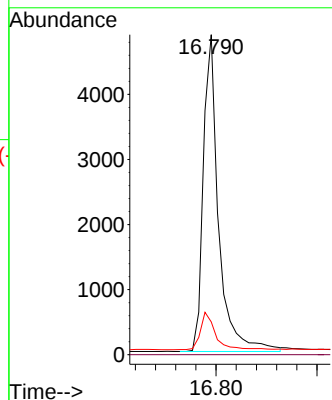
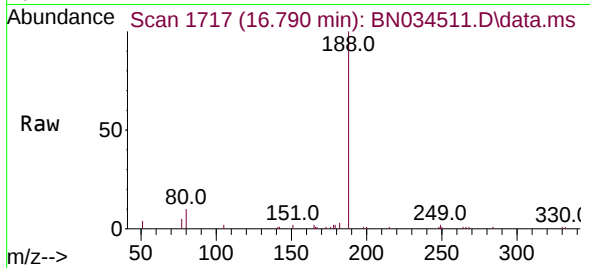




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

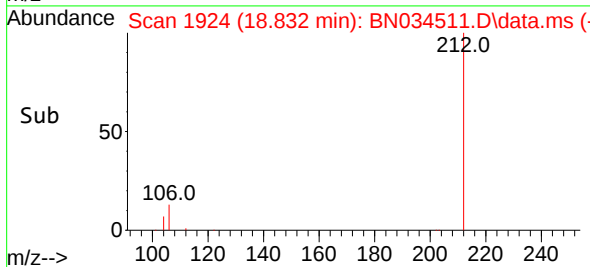
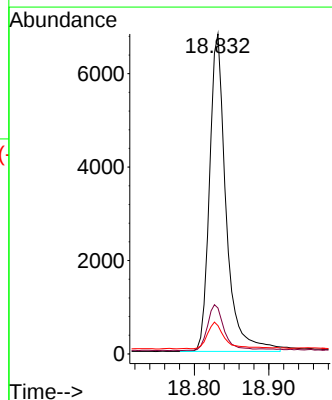
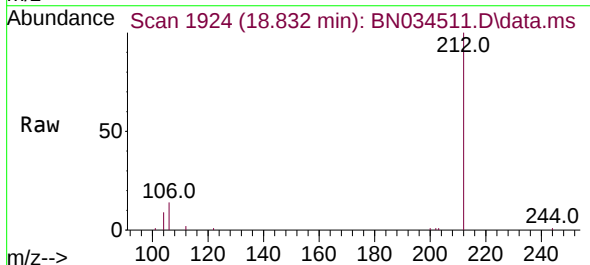
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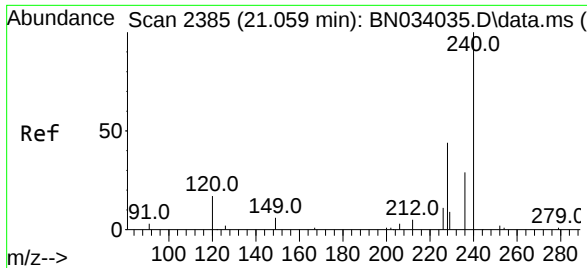
Tgt Ion:188 Resp: 10229
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 18.832 min Scan# 1924
Delta R.T. -0.014 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

Tgt Ion:212 Resp: 10502
Ion Ratio Lower Upper
212 100
106 14.6 13.4 20.2
104 8.8 7.8 11.6

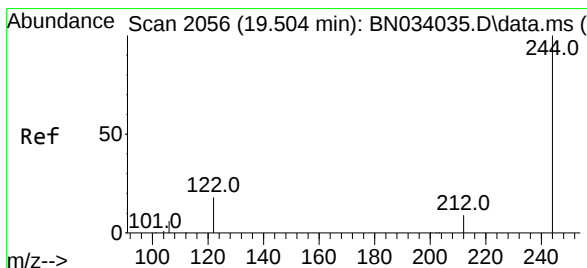
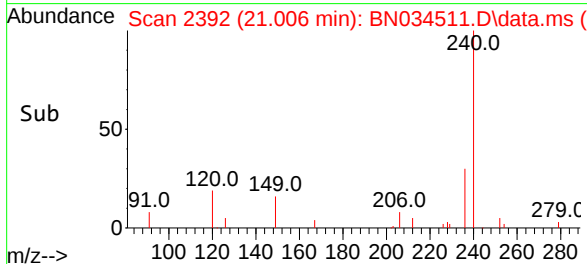
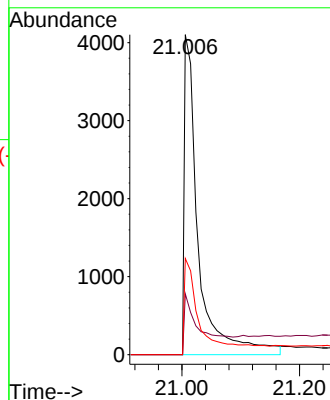
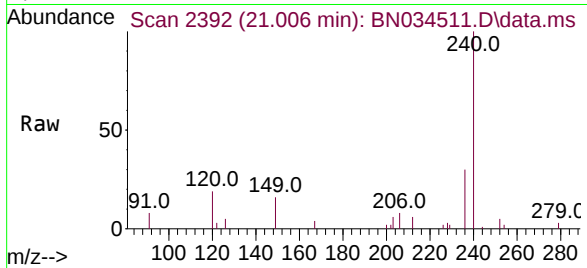




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

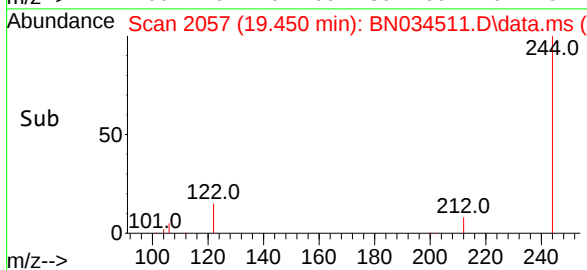
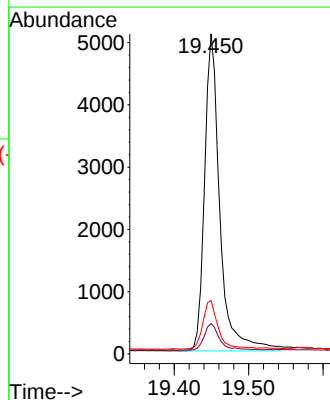
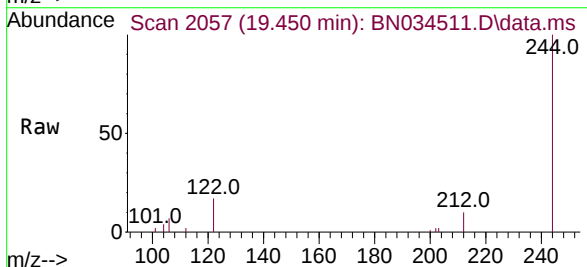
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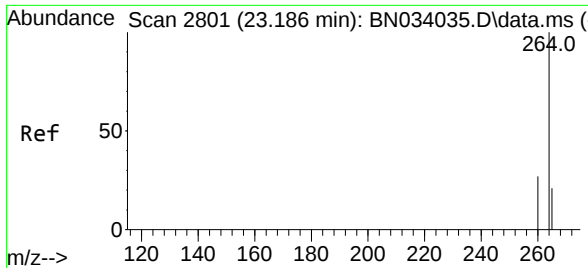
Tgt Ion:240 Resp: 6965
Ion Ratio Lower Upper
240 100
120 19.0 13.5 20.3
236 30.0 23.4 35.0



#31
Terphenyl-d14
Concen: 0.521 ng
RT: 19.450 min Scan# 2057
Delta R.T. -0.018 min
Lab File: BN034511.D
Acq: 09 Oct 2024 19:14

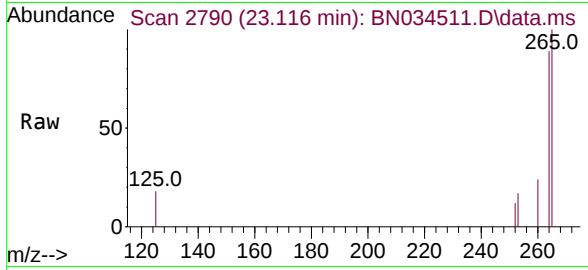
Tgt Ion:244 Resp: 7249
Ion Ratio Lower Upper
244 100
212 9.5 7.8 11.6
122 16.7 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.116 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN034511.D
 Acq: 09 Oct 2024 19:14

Instrument :
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Tgt Ion:264 Resp: 7621
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.7 32.5
 265 112.7 52.1 78.1#

