

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034509.D
 Acq On : 09 Oct 2024 18:01
 Operator : RC/JU
 Sample : P4231-04
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20240926

Quant Time: Oct 09 18:43:47 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	2807	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	7719	0.400	ng	#-0.02
13) Acenaphthene-d10	14.030	164	4369	0.400	ng	-0.02
19) Phenanthrene-d10	16.784	188	8282	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	5935	0.400	ng	0.00
35) Perylene-d12	23.119	264	7217	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1194	0.150	ng	-0.01
5) Phenol-d6	6.586	99	619	0.067	ng	-0.01
8) Nitrobenzene-d5	8.525	82	1833	0.310	ng	-0.01
11) 2-Methylnaphthalene-d10	11.731	152	3955	0.347	ng	-0.02
14) 2,4,6-Tribromophenol	15.542	330	632	0.319	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	6712	0.378	ng	-0.02
27) Fluoranthene-d10	18.829	212	9121	0.437	ng	-0.02
31) Terphenyl-d14	19.452	244	6702	0.565	ng	-0.02

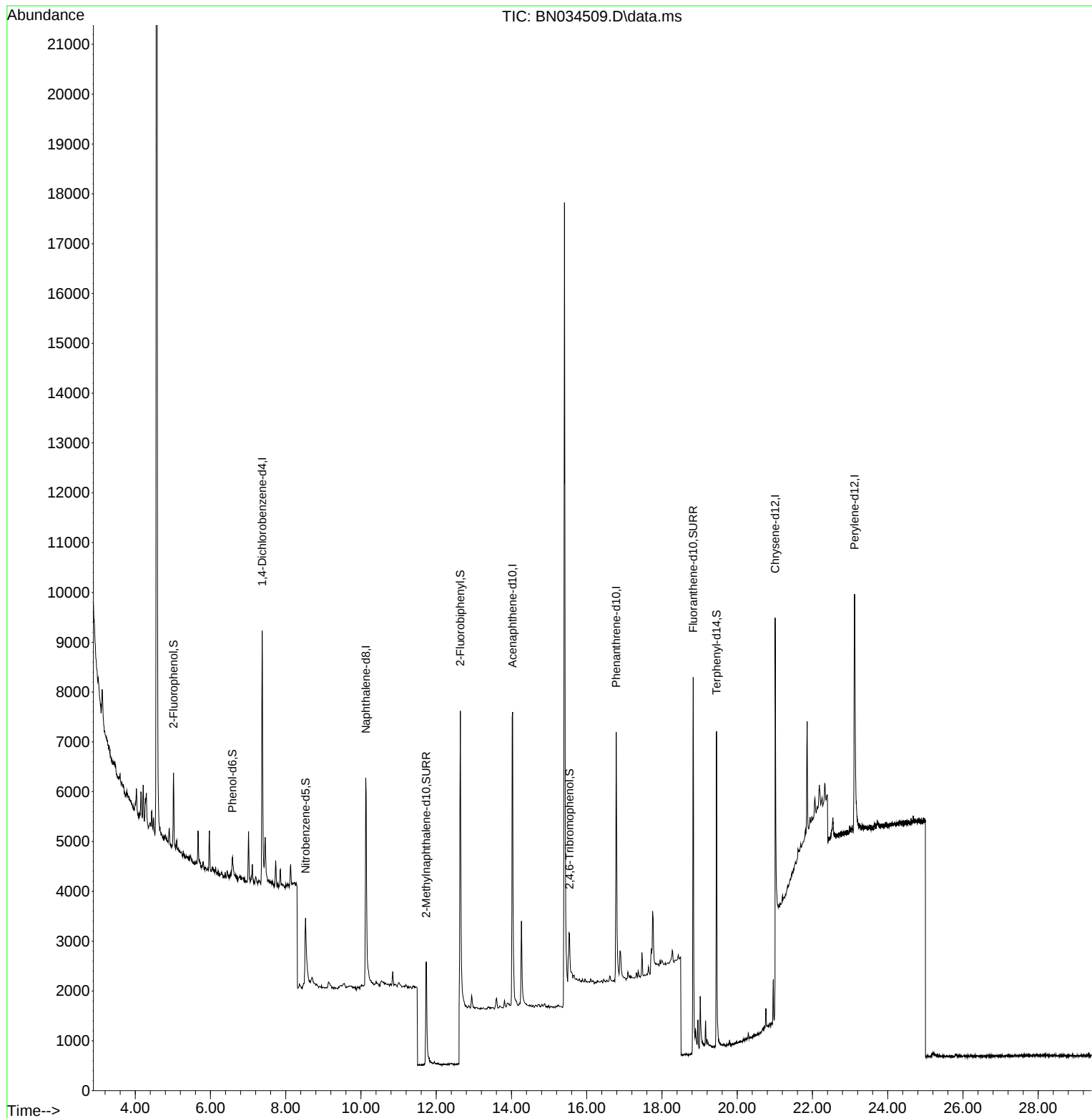
Target Compounds Qvalue

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

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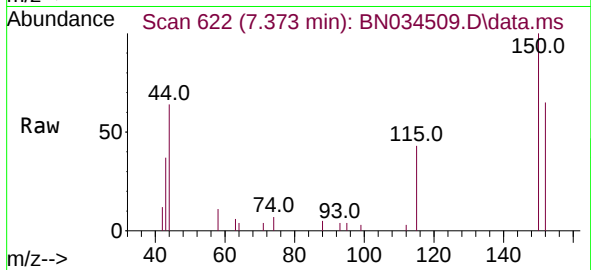
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration



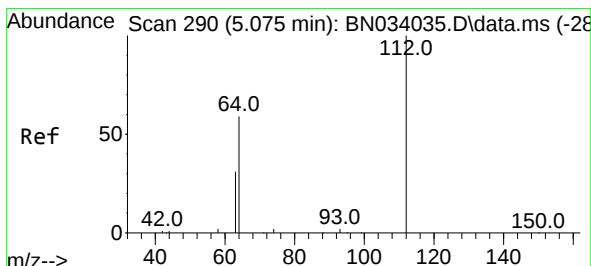
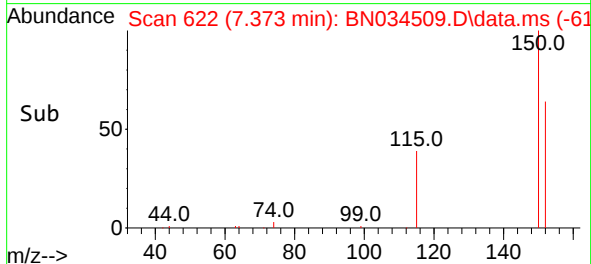
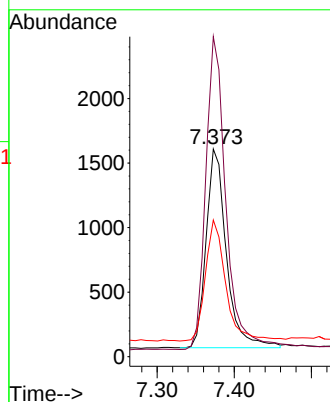


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20240926

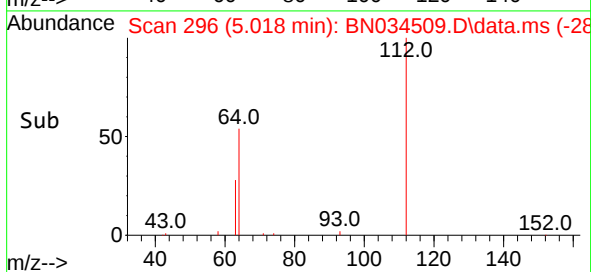
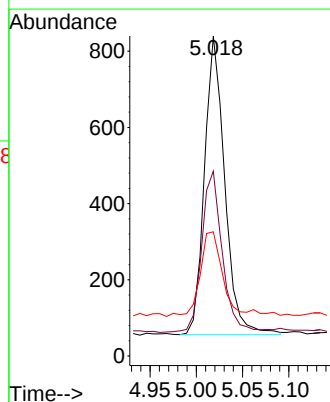
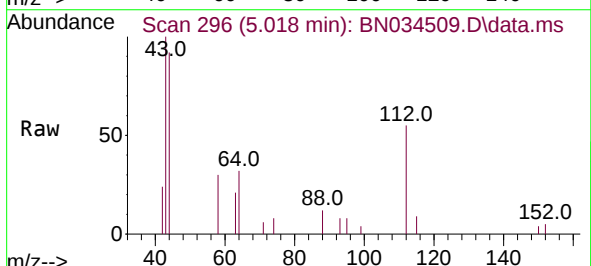


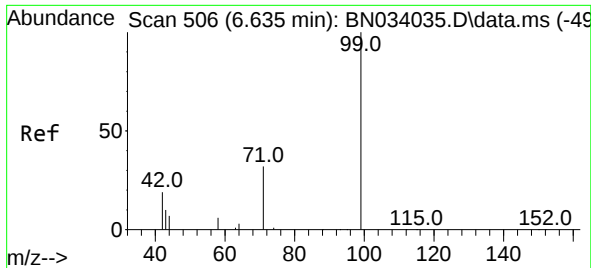
Tgt Ion:152 Resp: 2807
Ion Ratio Lower Upper
152 100
150 154.1 124.6 187.0
115 65.8 50.0 75.0



#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.018 min Scan# 296
Delta R.T. -0.014 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

Tgt Ion:112 Resp: 1194
Ion Ratio Lower Upper
112 100
64 54.6 48.6 72.8
63 30.7 25.6 38.4

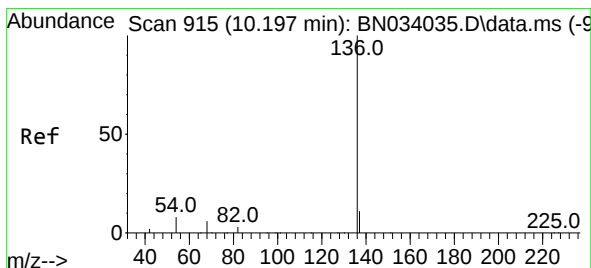
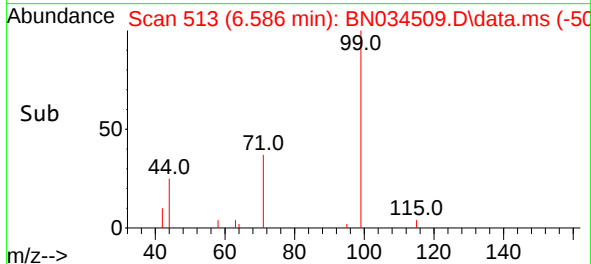
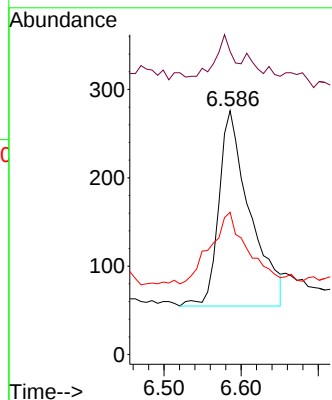
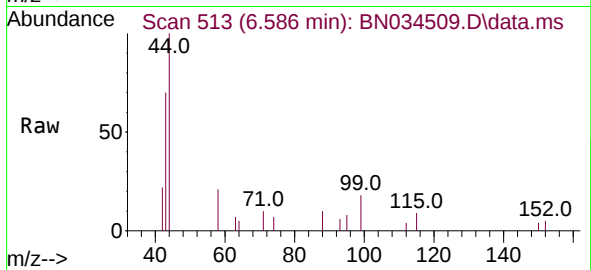




#5
Phenol-d6
Concen: 0.067 ng
RT: 6.586 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

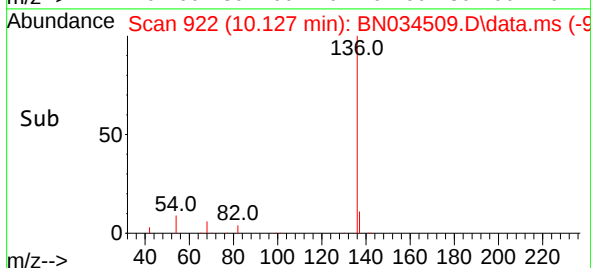
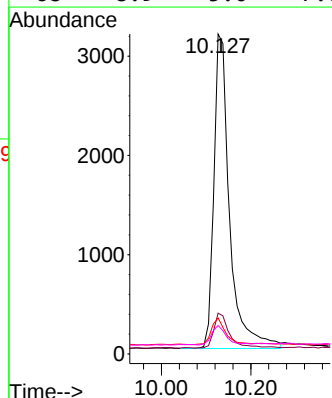
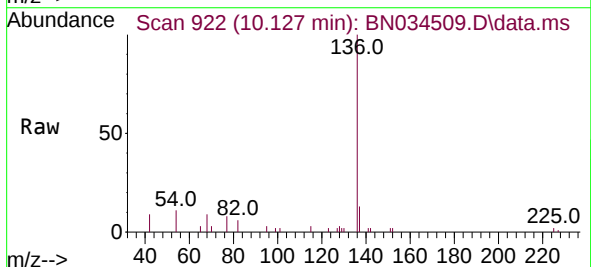
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20240926

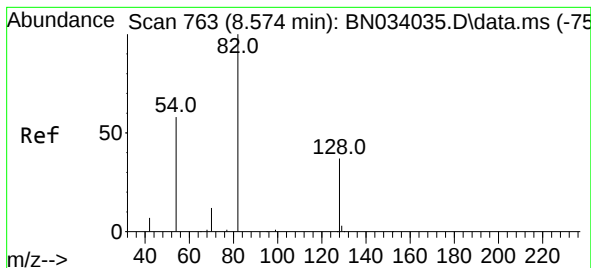
Tgt Ion: 99 Resp: 619
Ion Ratio Lower Upper
99 100
42 11.8 17.8 26.8#
71 42.2 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. -0.021 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

Tgt Ion: 136 Resp: 7719
Ion Ratio Lower Upper
136 100
137 12.7 9.0 13.6
54 11.2 6.8 10.2#
68 8.9 5.0 7.6#

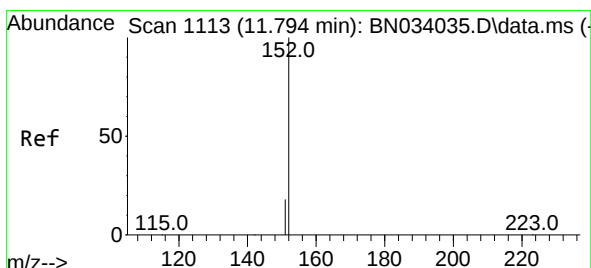
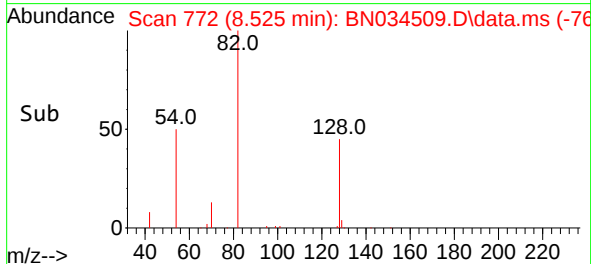
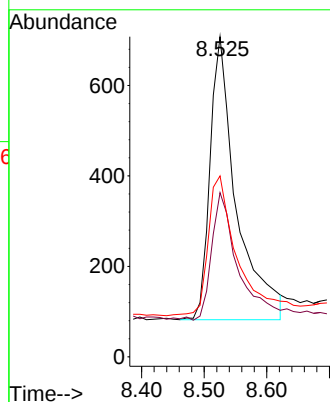
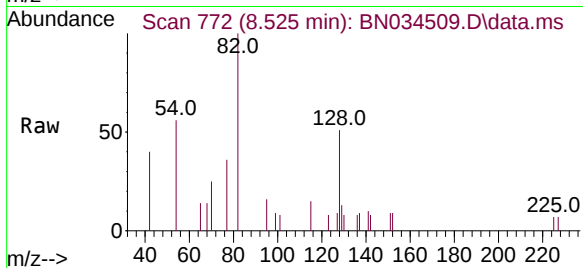




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.525 min Scan# 71
Delta R.T. -0.010 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

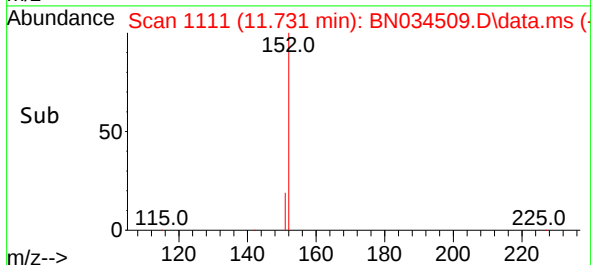
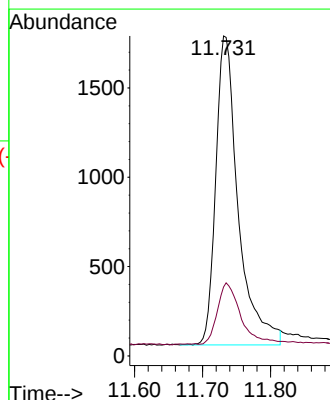
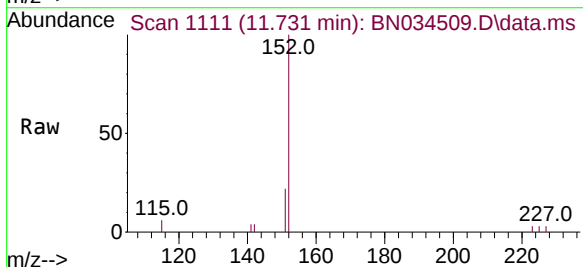
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20240926

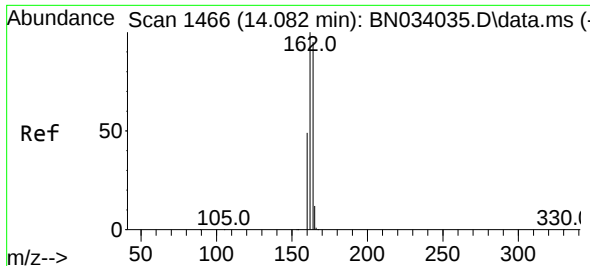
Tgt Ion: 82 Resp: 1833
Ion Ratio Lower Upper
82 100
128 51.3 31.4 47.2#
54 56.5 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 11.731 min Scan# 1111
Delta R.T. -0.022 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

Tgt Ion: 152 Resp: 3955
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2

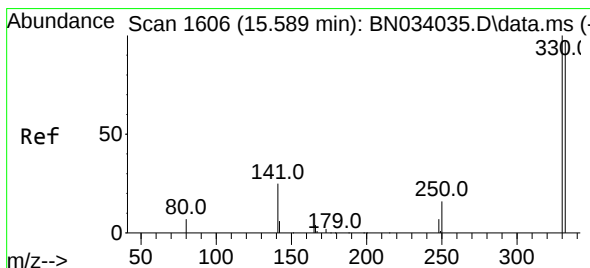
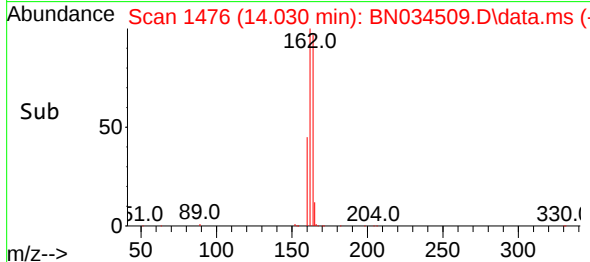
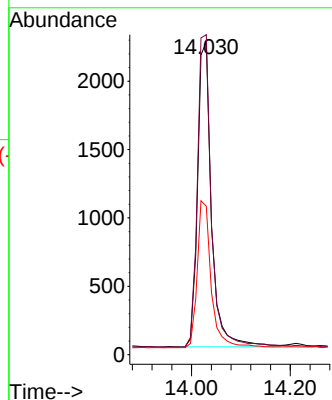
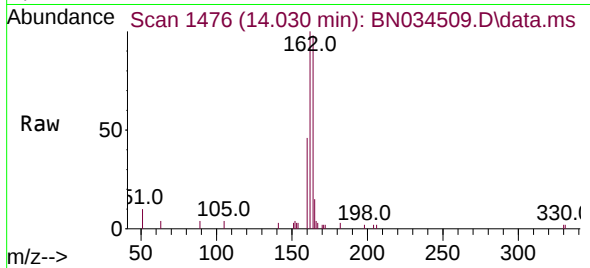




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.030 min Scan# 14
 Delta R.T. -0.017 min
 Lab File: BN034509.D
 Acq: 09 Oct 2024 18:01

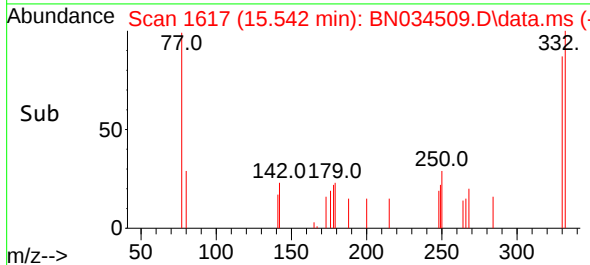
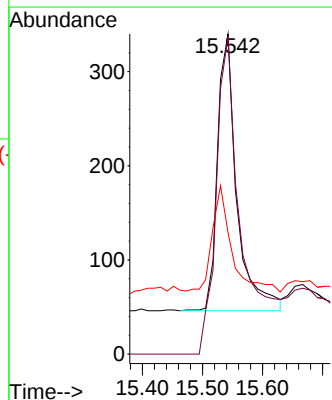
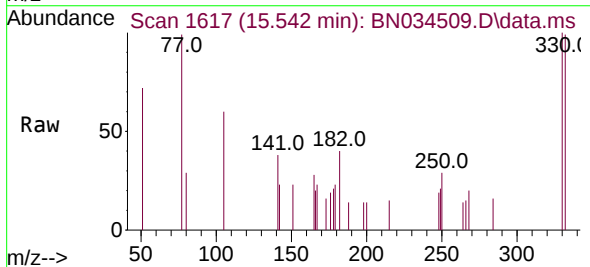
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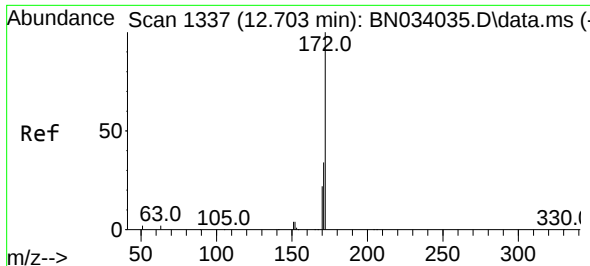
Tgt Ion:164 Resp: 4369
 Ion Ratio Lower Upper
 164 100
 162 102.2 84.2 126.2
 160 47.4 41.7 62.5



#14
 2,4,6-Tribromophenol
 Concen: 0.319 ng
 RT: 15.542 min Scan# 1617
 Delta R.T. -0.007 min
 Lab File: BN034509.D
 Acq: 09 Oct 2024 18:01

Tgt Ion:330 Resp: 632
 Ion Ratio Lower Upper
 330 100
 332 157.0 77.4 116.0#
 141 38.6 35.9 53.9

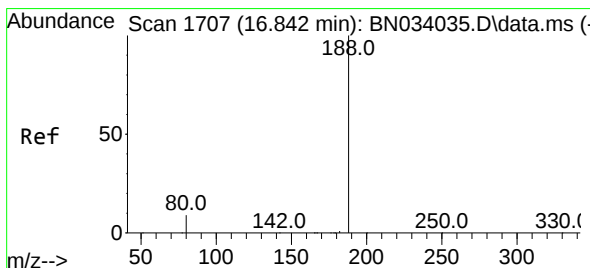
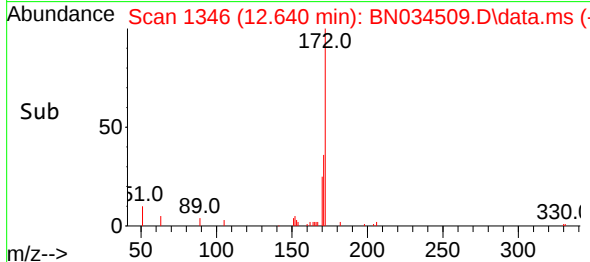
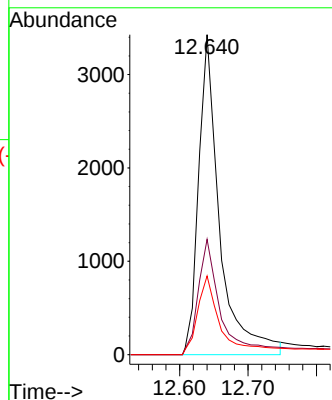
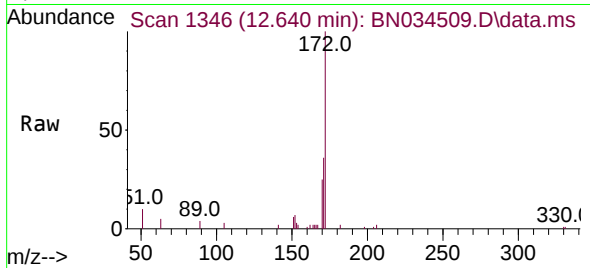




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.640 min Scan# 11
Delta R.T. -0.017 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

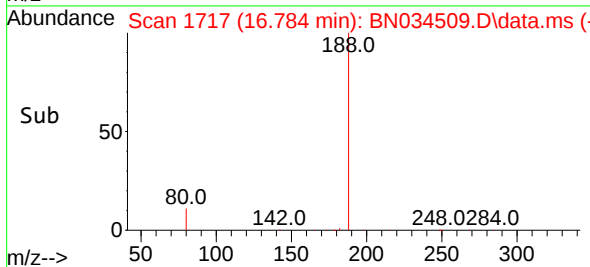
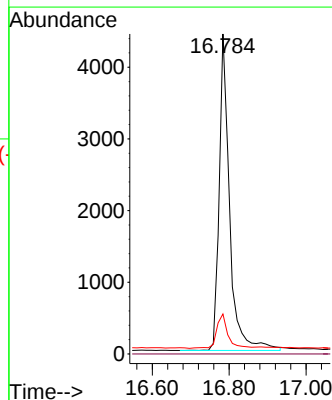
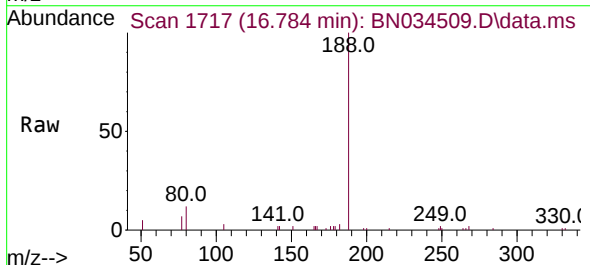
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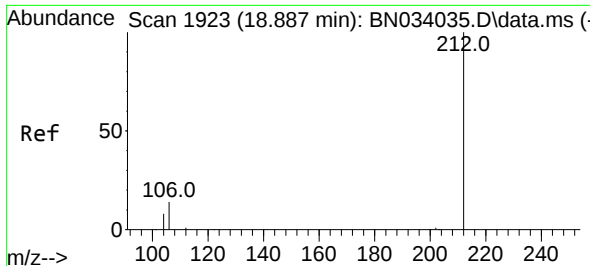
Tgt Ion:172 Resp: 6712
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 24.6 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.784 min Scan# 1717
Delta R.T. -0.019 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

Tgt Ion:188 Resp: 8282
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 7.4 11.0#

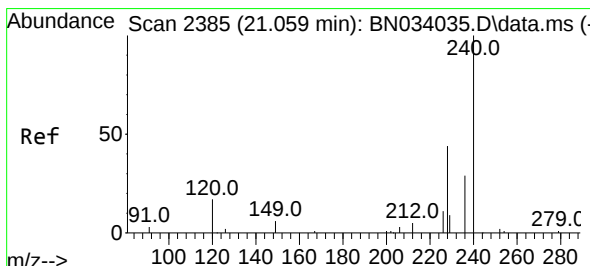
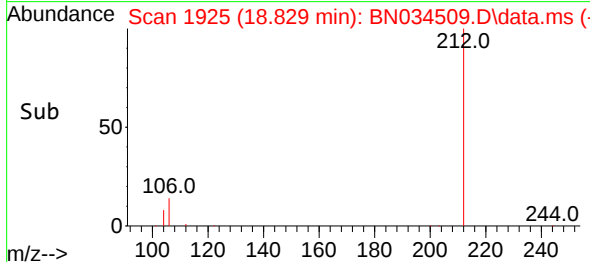
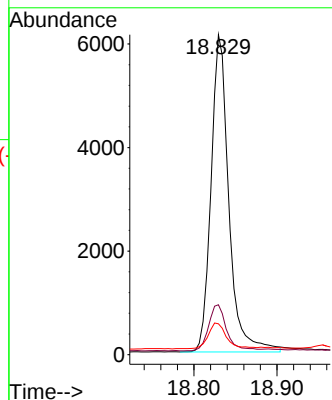
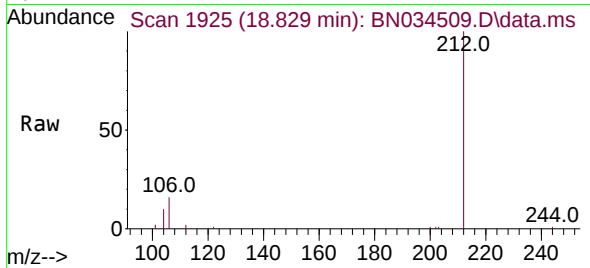




#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 18.829 min Scan# 1925
Delta R.T. -0.016 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

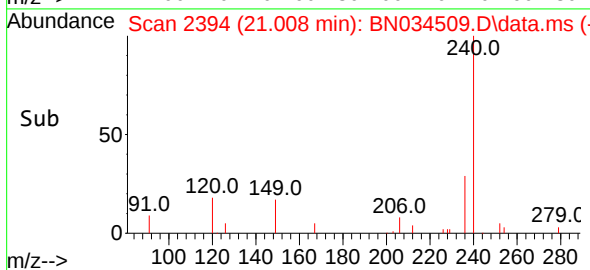
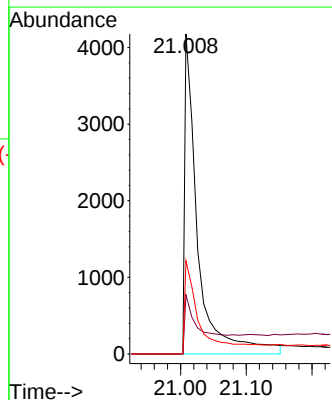
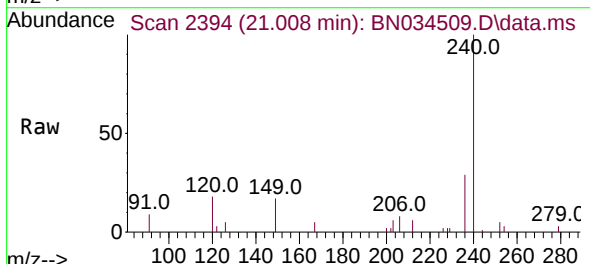
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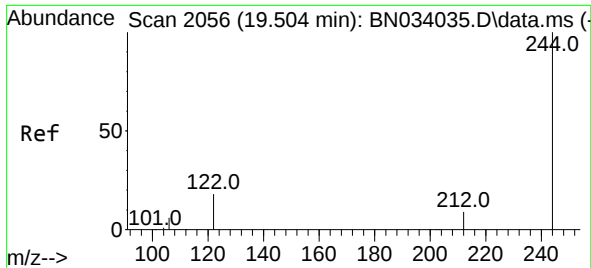
Tgt Ion:212 Resp: 9121
Ion Ratio Lower Upper
212 100
106 14.8 13.4 20.2
104 8.6 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

Tgt Ion:240 Resp: 5935
Ion Ratio Lower Upper
240 100
120 18.5 13.5 20.3
236 29.1 23.4 35.0

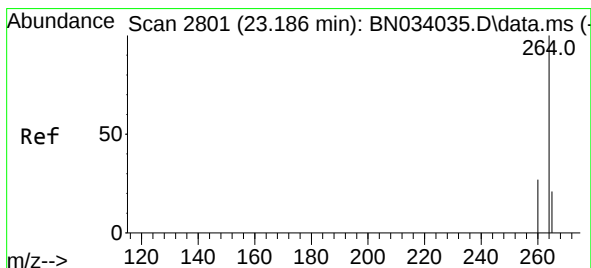
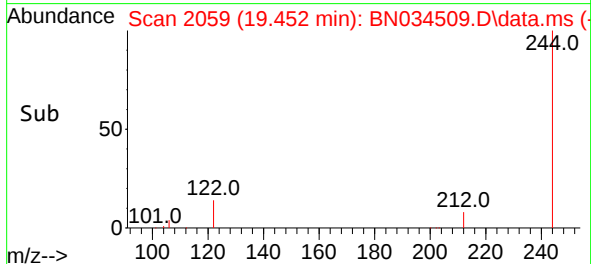
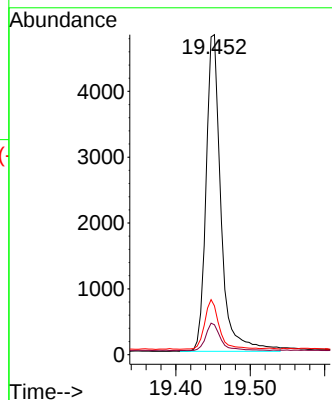
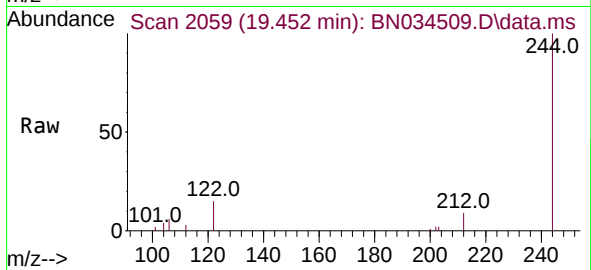




#31
Terphenyl-d14
Concen: 0.565 ng
RT: 19.452 min Scan# 2059
Delta R.T. -0.016 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

Instrument :
BNA_N
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Tgt Ion:244 Resp: 6702
Ion Ratio Lower Upper
244 100
212 9.3 7.8 11.6
122 15.3 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.119 min Scan# 2794
Delta R.T. -0.009 min
Lab File: BN034509.D
Acq: 09 Oct 2024 18:01

Tgt Ion:264 Resp: 7217
Ion Ratio Lower Upper
264 100
260 26.1 21.7 32.5
265 115.4 52.1 78.1#

