

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011025\
 Data File : BN035907.D
 Acq On : 10 Jan 2025 18:21
 Operator : RC/JU
 Sample : Q1040-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250108

Quant Time: Jan 10 21:46:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 15:39:17 2025
 Response via : Initial Calibration

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

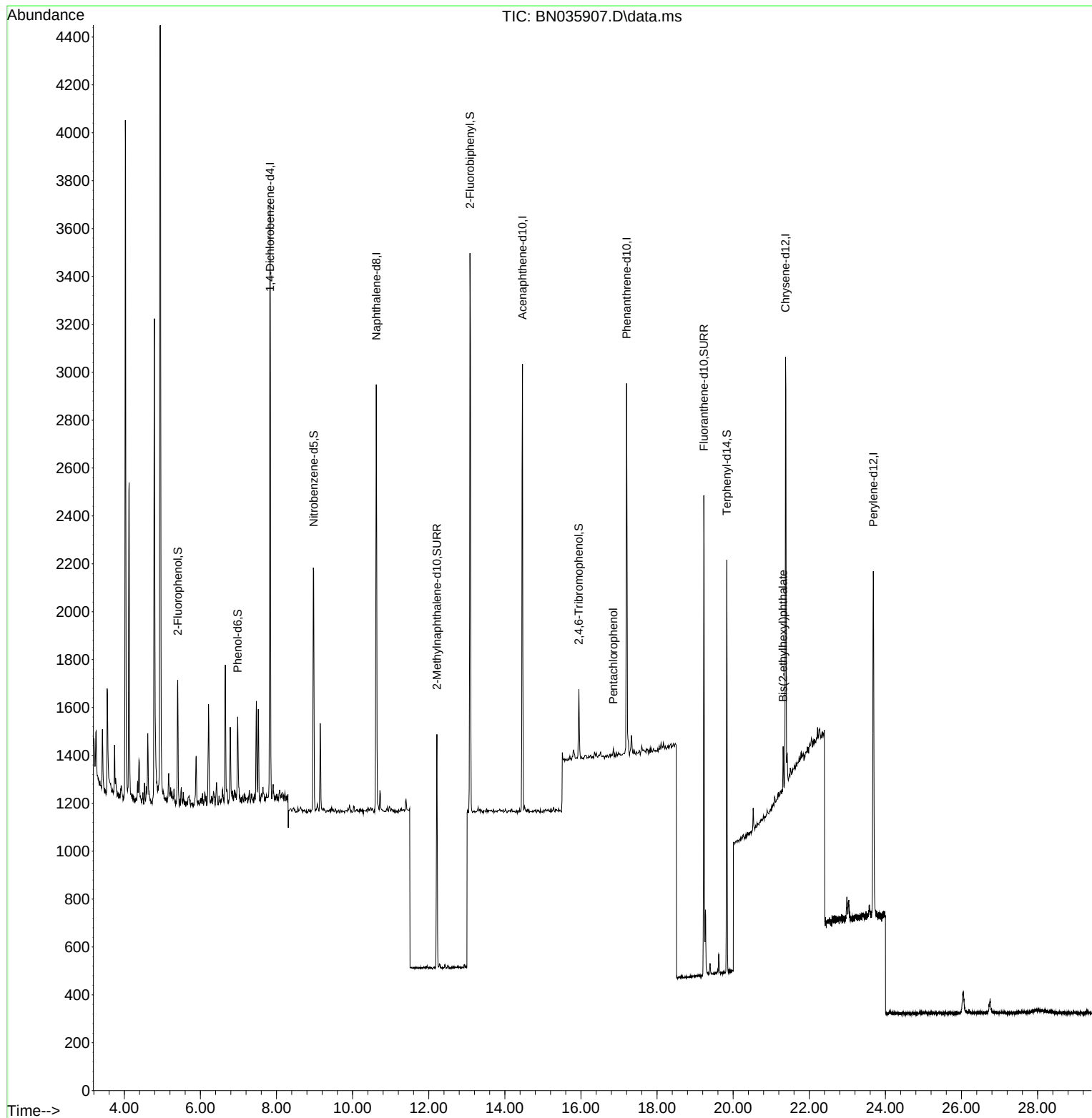
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	1151	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	2169	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	1026	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1977	0.400	ng	#-0.01
29) Chrysene-d12	21.376	240	1700	0.400	ng	# 0.00
35) Perylene-d12	23.683	264	1984	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	388	0.137	ng	0.00
5) Phenol-d6	6.979	99	267	0.076	ng	0.00
8) Nitrobenzene-d5	8.977	82	785	0.457	ng	0.00
11) 2-Methylnaphthalene-d10	12.213	152	1216	0.419	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	165	0.335	ng	-0.01
15) 2-Fluorobiphenyl	13.084	172	1985	0.441	ng	0.00
27) Fluoranthene-d10	19.230	212	2159	0.440	ng	0.00
31) Terphenyl-d14	19.834	244	1587	0.468	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	16.851	266	15	0.023	ng	# 53
34) Bis(2-ethylhexyl)phtha...	21.313	149	174	0.071	ng	# 91

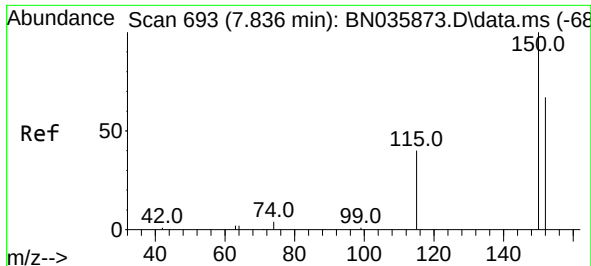
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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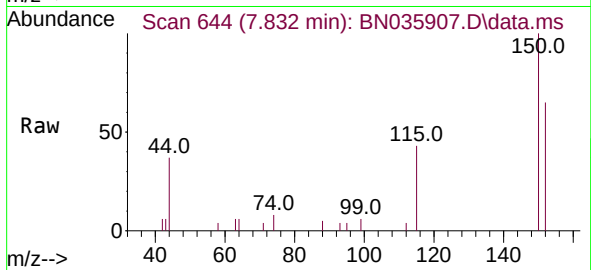
Quant Time: Jan 10 21:46:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration



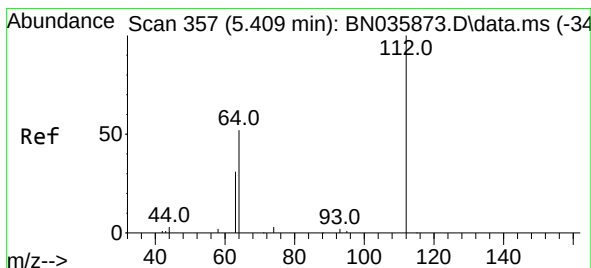
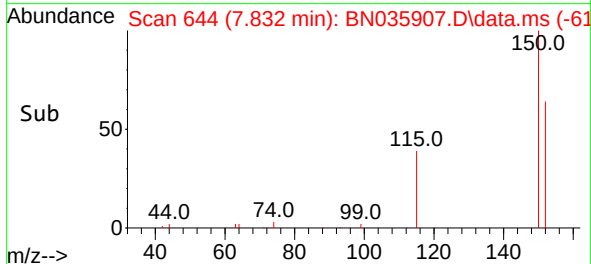
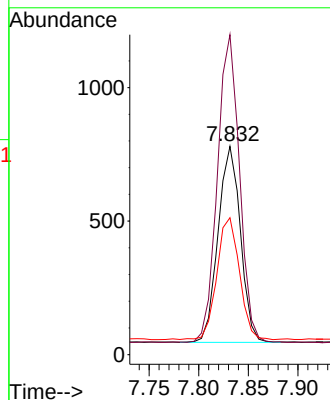


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.832 min Scan# 64
 Delta R.T. -0.004 min
 Lab File: BN035907.D
 Acq: 10 Jan 2025 18:21

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250108

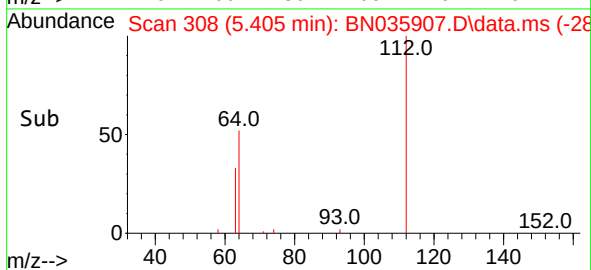
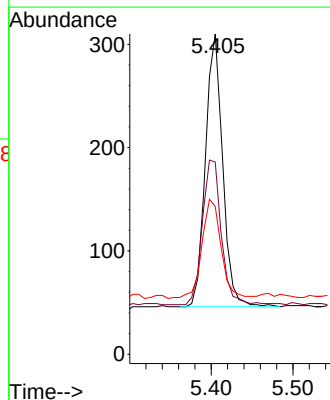
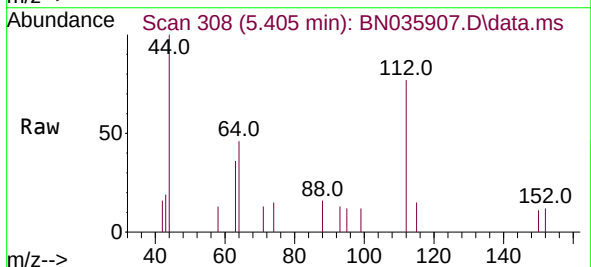


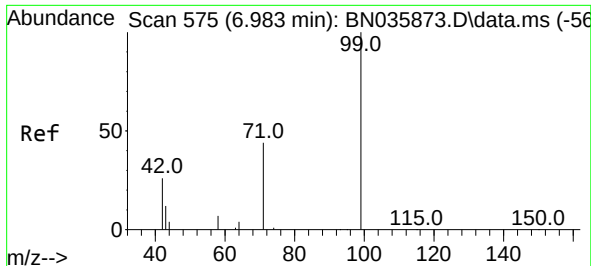
Tgt Ion:152 Resp: 1151
 Ion Ratio Lower Upper
 152 100
 150 153.6 117.8 176.6
 115 65.8 51.0 76.4



#4
 2-Fluorophenol
 Concen: 0.137 ng
 RT: 5.405 min Scan# 308
 Delta R.T. -0.004 min
 Lab File: BN035907.D
 Acq: 10 Jan 2025 18:21

Tgt Ion:112 Resp: 388
 Ion Ratio Lower Upper
 112 100
 64 59.5 48.2 72.2
 63 41.2 30.0 45.0

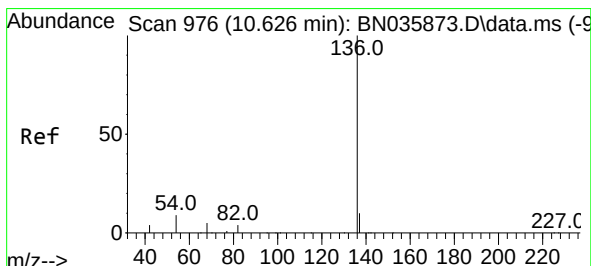
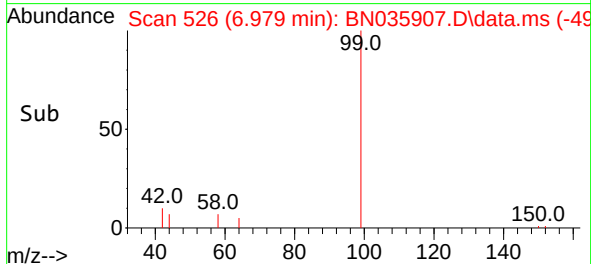
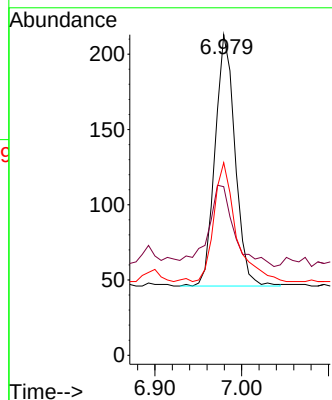
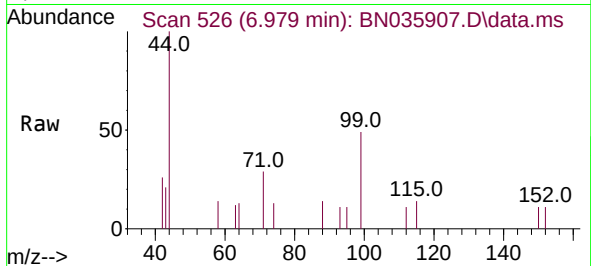




#5
Phenol-d6
Concen: 0.076 ng
RT: 6.979 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN035907.D
Acq: 10 Jan 2025 18:21

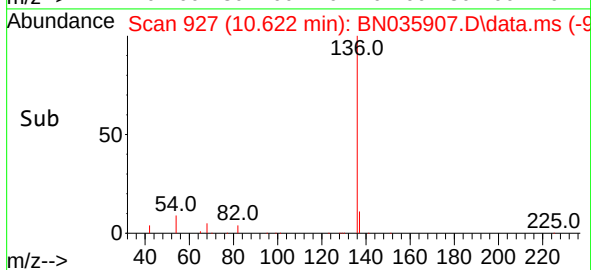
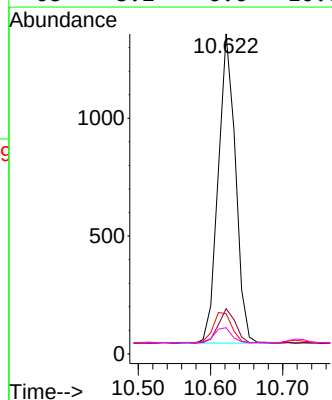
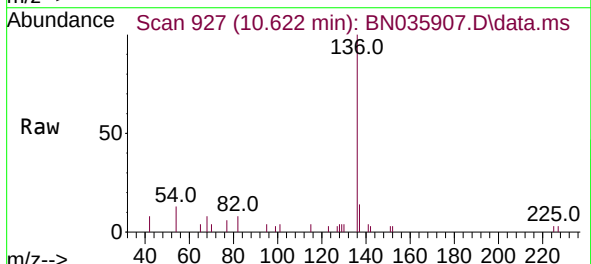
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250108

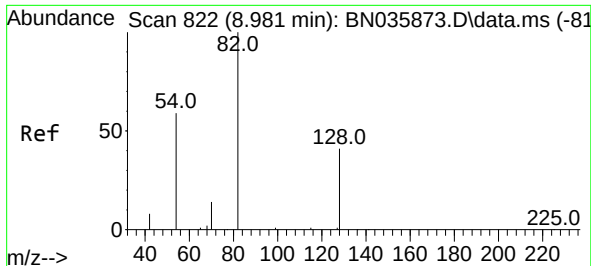
Tgt Ion: 99 Resp: 267
Ion Ratio Lower Upper
99 100
42 41.9 23.5 35.3#
71 54.3 35.5 53.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 927
Delta R.T. -0.004 min
Lab File: BN035907.D
Acq: 10 Jan 2025 18:21

Tgt Ion: 136 Resp: 2169
Ion Ratio Lower Upper
136 100
137 14.1 10.6 15.8
54 12.6 9.8 14.6
68 8.2 6.6 10.0

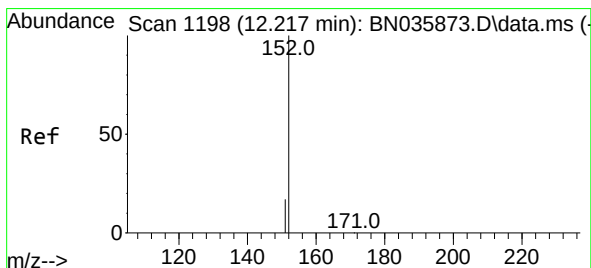
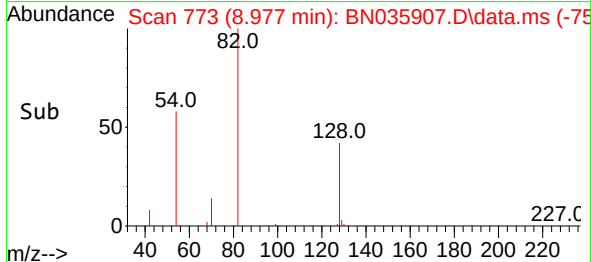
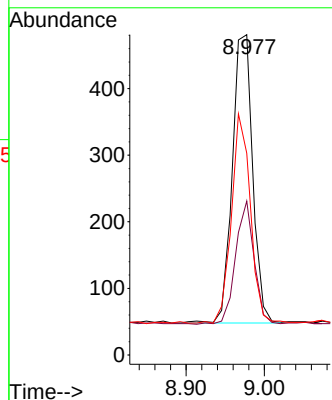
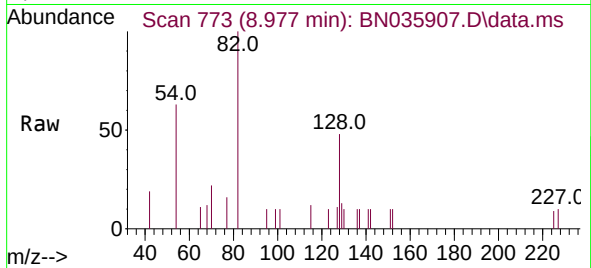




#8
Nitrobenzene-d5
Concen: 0.457 ng
RT: 8.977 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN035907.D
Acq: 10 Jan 2025 18:21

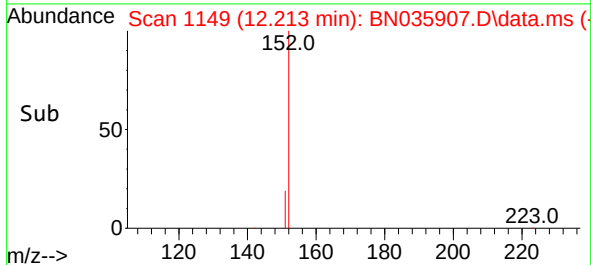
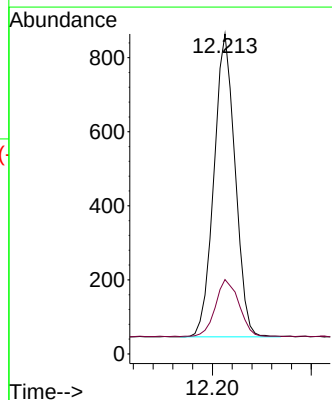
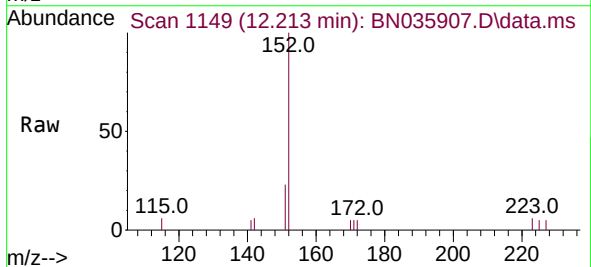
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250108

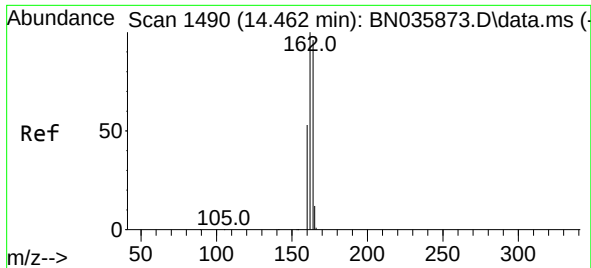
Tgt Ion: 82 Resp: 785
Ion Ratio Lower Upper
82 100
128 48.0 36.9 55.3
54 63.0 50.4 75.6



#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.213 min Scan# 1149
Delta R.T. -0.004 min
Lab File: BN035907.D
Acq: 10 Jan 2025 18:21

Tgt Ion: 152 Resp: 1216
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6

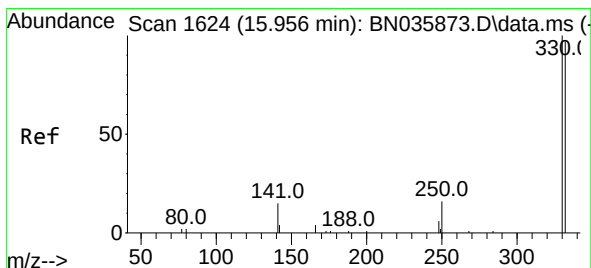
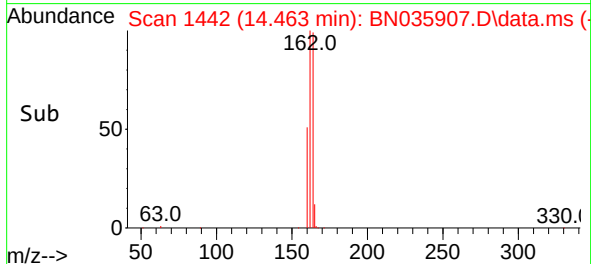
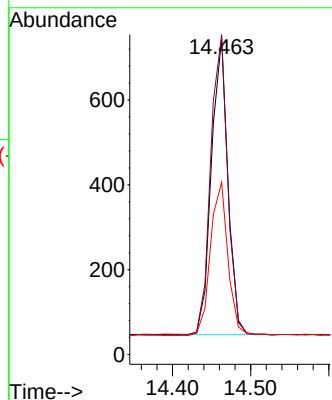
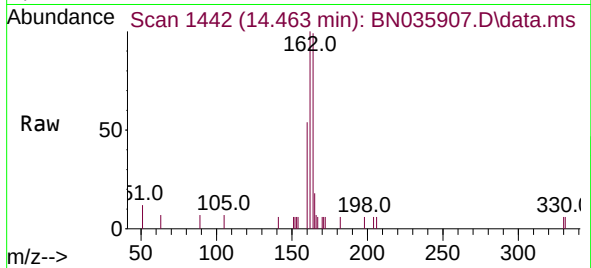




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN035907.D
Acq: 10 Jan 2025 18:21

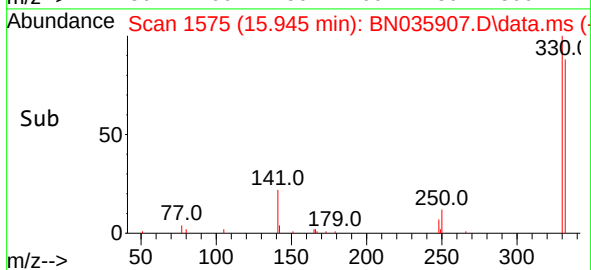
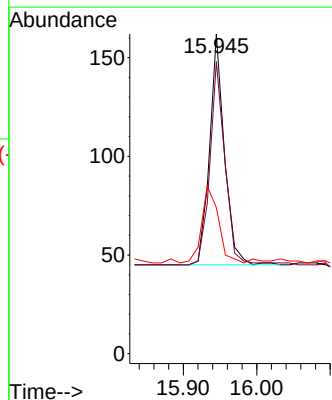
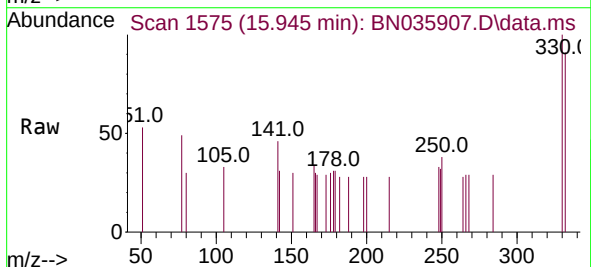
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RW5-SP201-20250108

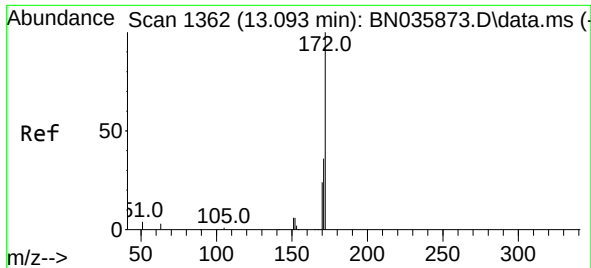
Tgt Ion:164 Resp: 1026
Ion Ratio Lower Upper
164 100
162 101.2 83.1 124.7
160 54.5 46.0 69.0



#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 15.945 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035907.D
Acq: 10 Jan 2025 18:21

Tgt Ion:330 Resp: 165
Ion Ratio Lower Upper
330 100
332 89.7 77.2 115.8
141 38.2 31.6 47.4

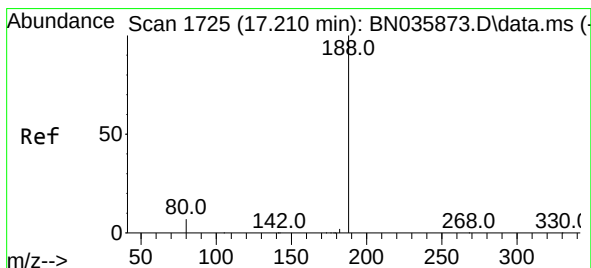
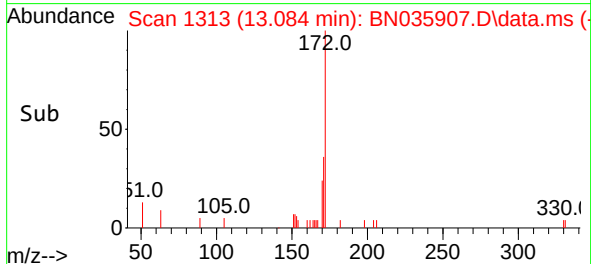
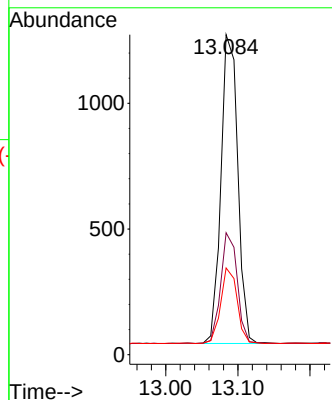
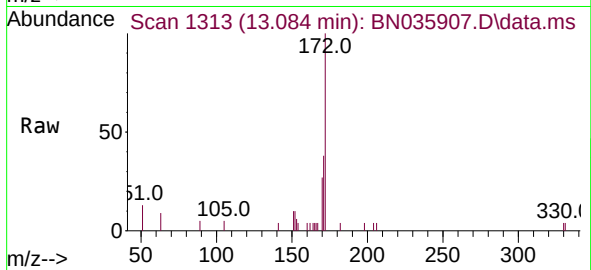




#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 13.084 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN035907.D
Acq: 10 Jan 2025 18:21

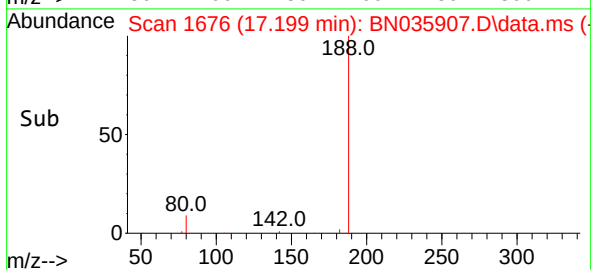
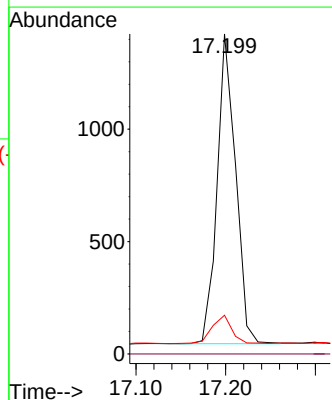
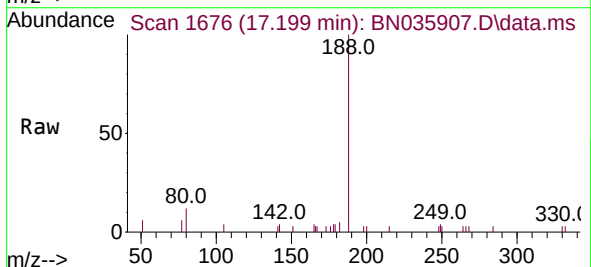
Instrument :
BNA_N
ClientSampleId :
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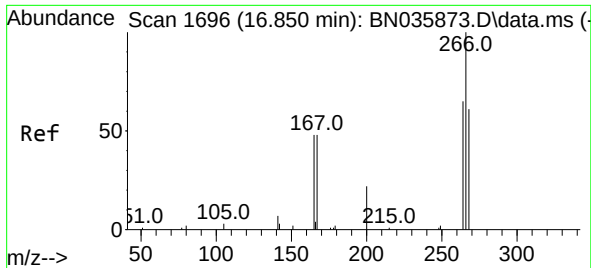
Tgt Ion:	172	Resp:	1985
Ion Ratio	Lower	Upper	
172	100		
171	38.1	30.5	45.7
170	27.1	20.8	31.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.199 min Scan# 1676
Delta R.T. -0.011 min
Lab File: BN035907.D
Acq: 10 Jan 2025 18:21

Tgt Ion:	188	Resp:	1977
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.1	7.3	10.9

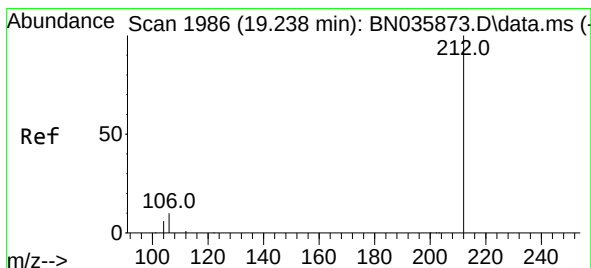
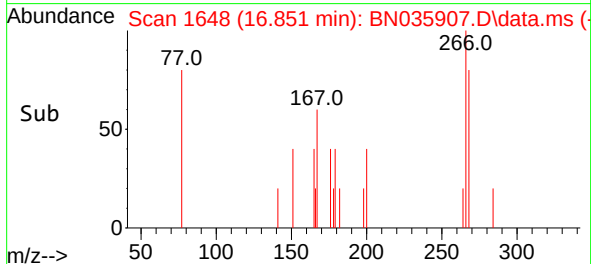
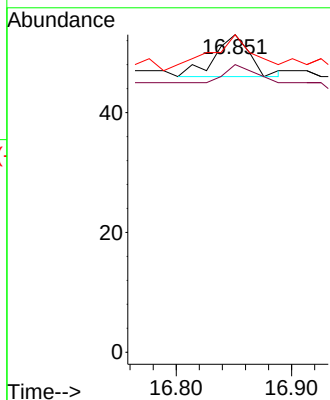
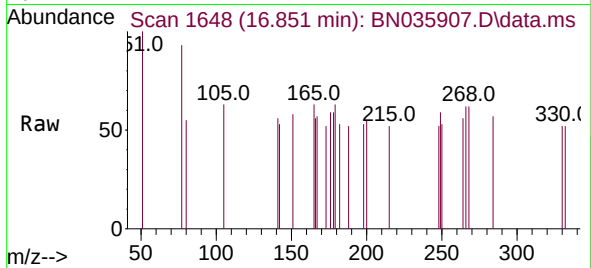




#24
 Pentachlorophenol
 Concen: 0.023 ng
 RT: 16.851 min Scan# 1
 Delta R.T. 0.001 min
 Lab File: BN035907.D
 Acq: 10 Jan 2025 18:21

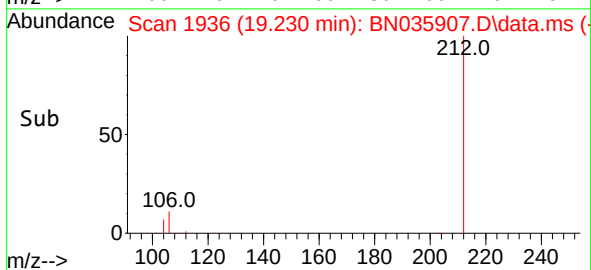
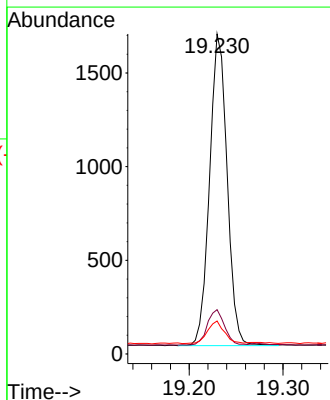
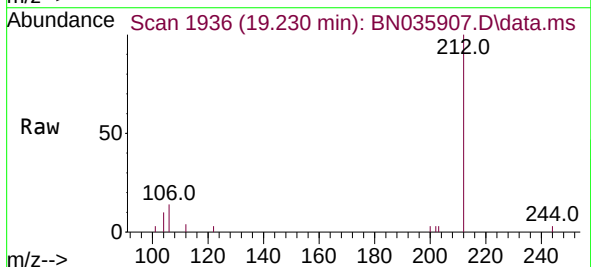
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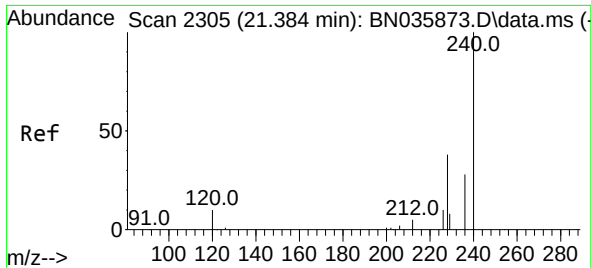
Tgt Ion:266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 264 33.3 49.9 74.9#
 268 106.7 50.2 75.2#



#27
 Fluoranthene-d10
 Concen: 0.440 ng
 RT: 19.230 min Scan# 1936
 Delta R.T. -0.008 min
 Lab File: BN035907.D
 Acq: 10 Jan 2025 18:21

Tgt Ion:212 Resp: 2159
 Ion Ratio Lower Upper
 212 100
 106 11.1 9.0 13.6
 104 6.9 5.4 8.2

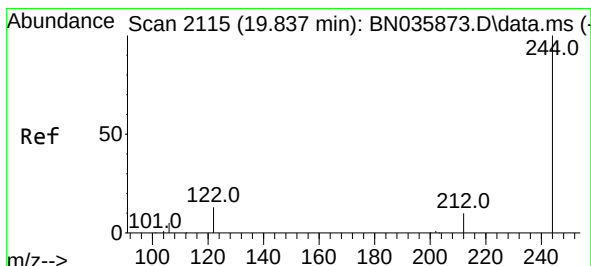
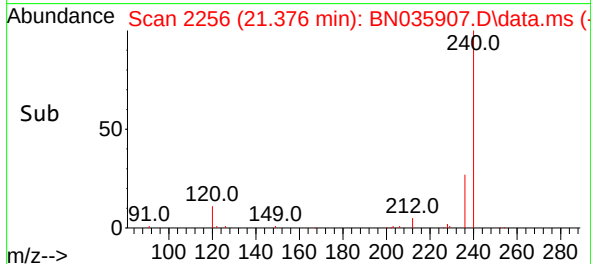
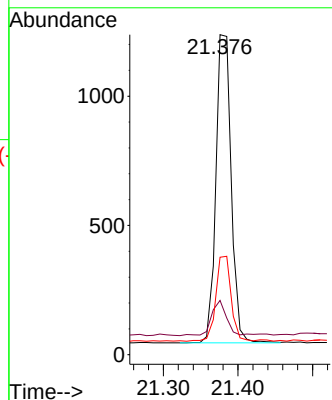
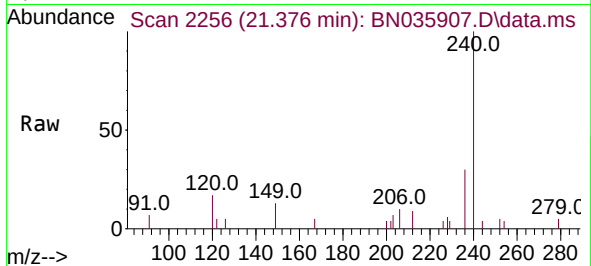




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 211
Delta R.T. -0.008 min
Lab File: BN035907.D
Acq: 10 Jan 2025 18:21

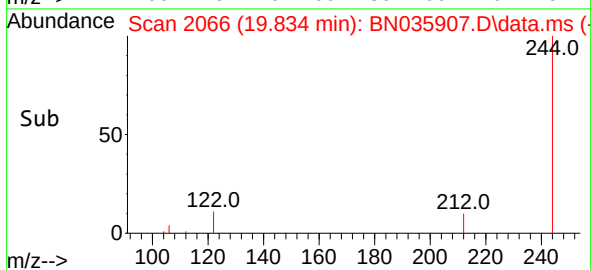
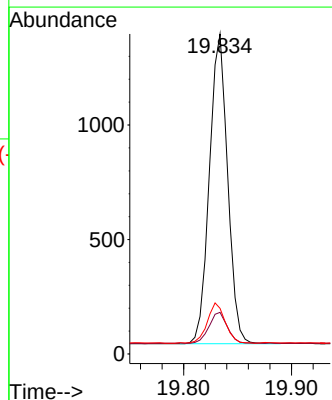
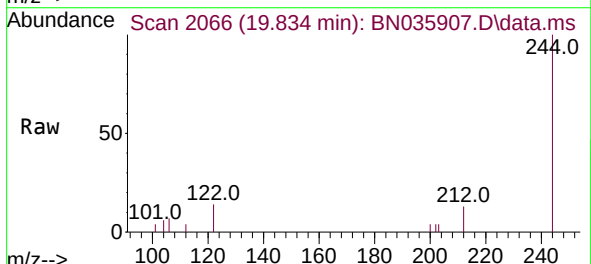
Instrument :
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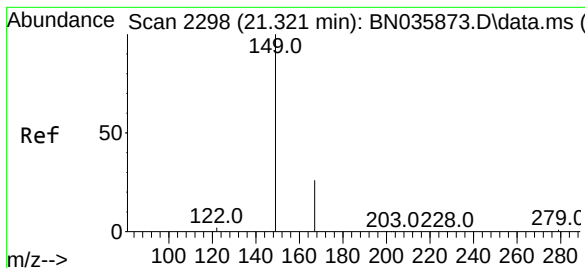
Tgt Ion:240 Resp: 1700
Ion Ratio Lower Upper
240 100
120 17.0 11.1 16.7#
236 30.5 24.6 36.8



#31
Terphenyl-d14
Concen: 0.468 ng
RT: 19.834 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BN035907.D
Acq: 10 Jan 2025 18:21

Tgt Ion:244 Resp: 1587
Ion Ratio Lower Upper
244 100
212 13.0 10.1 15.1
122 14.2 12.2 18.4

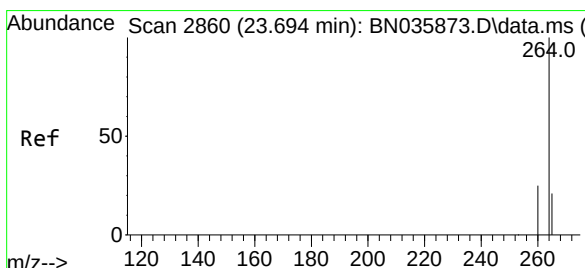
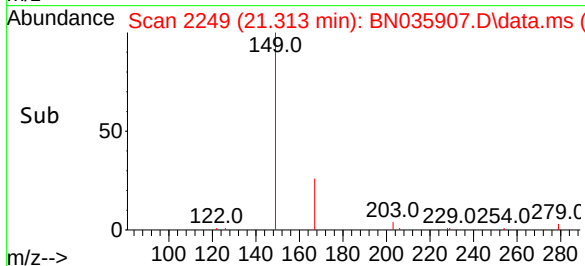
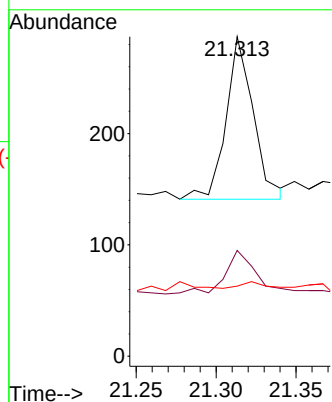
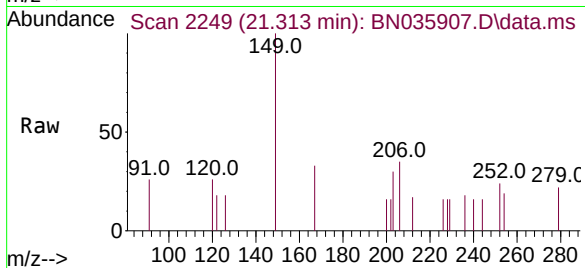




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 21.313 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN035907.D
 Acq: 10 Jan 2025 18:21

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250108

Tgt Ion:149 Resp: 174
 Ion Ratio Lower Upper
 149 100
 167 31.6 21.4 32.0
 279 5.7 3.0 4.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.683 min Scan# 2808
 Delta R.T. -0.011 min
 Lab File: BN035907.D
 Acq: 10 Jan 2025 18:21

Tgt Ion:264 Resp: 1984
 Ion Ratio Lower Upper
 264 100
 260 28.3 21.7 32.5
 265 53.9 33.9 50.9#

