

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010725\
 Data File : BN035898.D
 Acq On : 07 Jan 2025 16:08
 Operator : RC/JU
 Sample : PB165971BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165971BL

Quant Time: Jan 07 16:36:49 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)

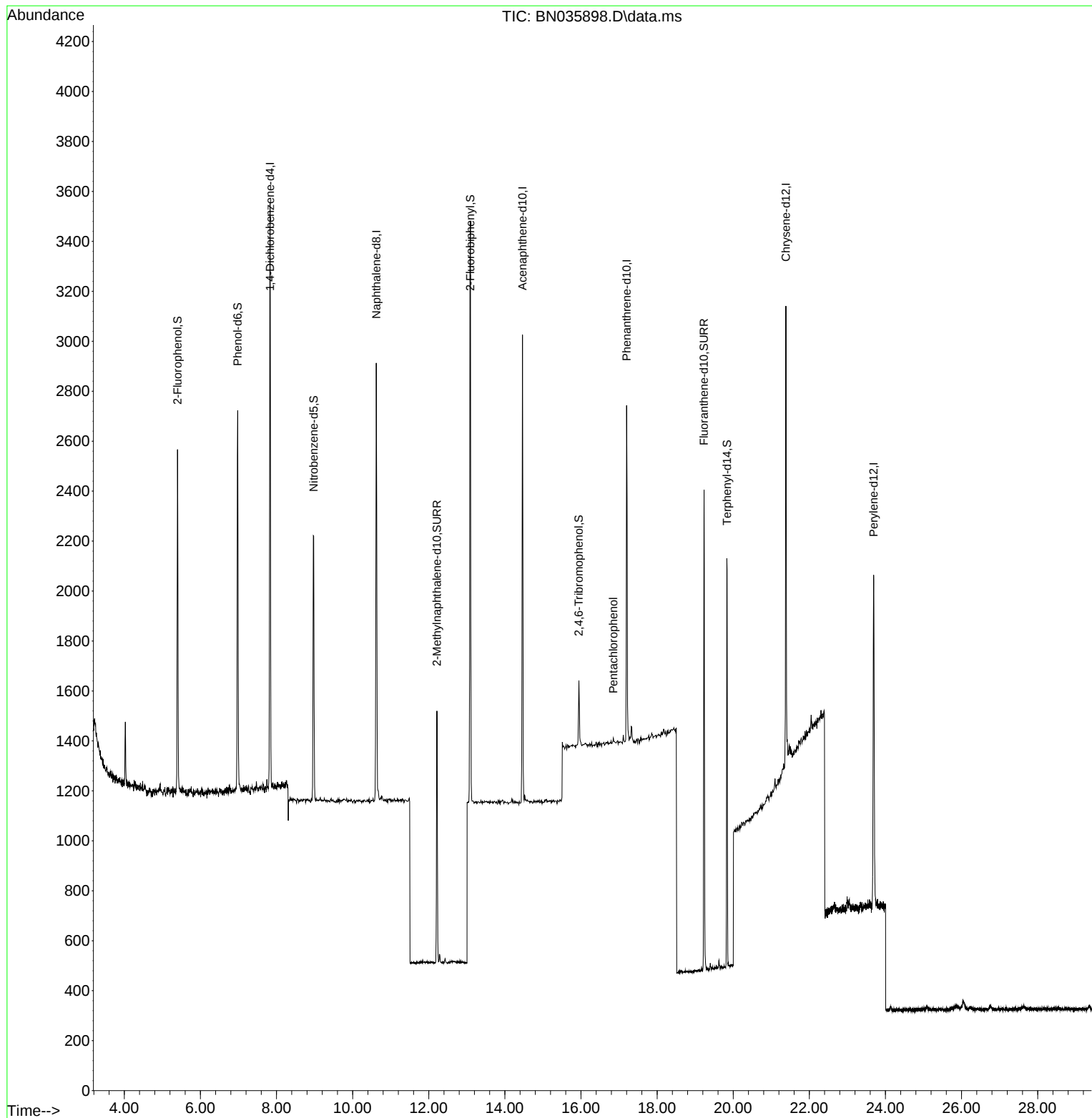
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	1101	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	2139	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	1003	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1872	0.400	ng	#-0.01
29) Chrysene-d12	21.385	240	1597	0.400	ng	0.00
35) Perylene-d12	23.692	264	1804	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	1018	0.377	ng	-0.01
5) Phenol-d6	6.979	99	1202	0.358	ng	0.00
8) Nitrobenzene-d5	8.977	82	839	0.495	ng	0.00
11) 2-Methylnaphthalene-d10	12.213	152	1323	0.462	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	166	0.345	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	2055	0.467	ng	0.00
27) Fluoranthene-d10	19.234	212	2177	0.468	ng	0.00
31) Terphenyl-d14	19.838	244	1533	0.482	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.851	266	19	0.031	ng	# 46

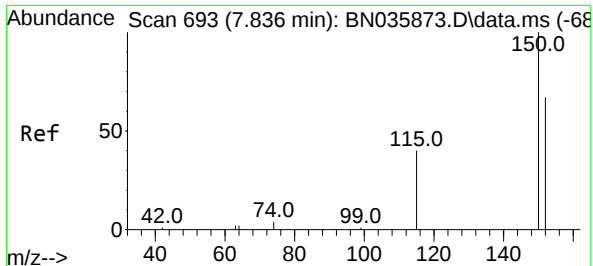
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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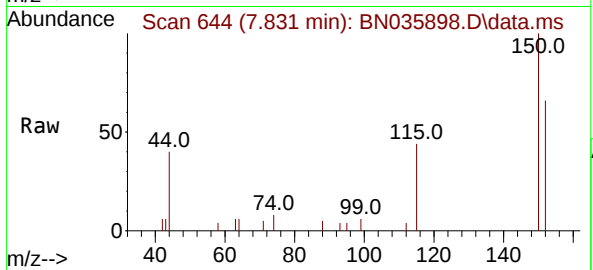
Quant Time: Jan 07 16:36:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration



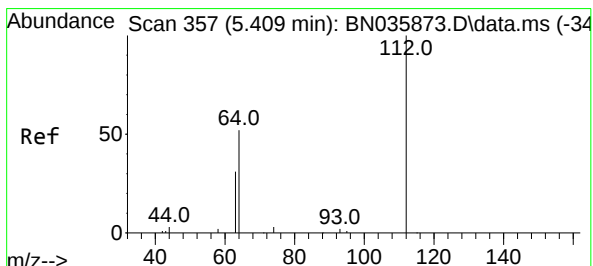
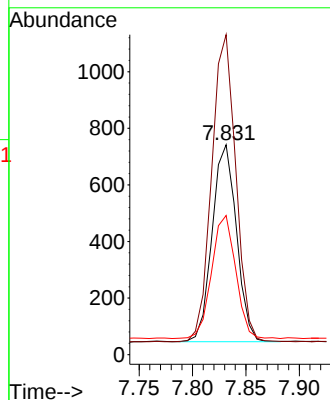
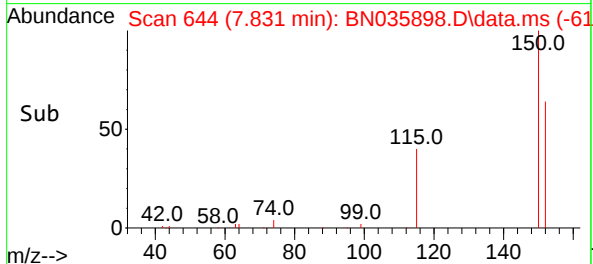


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.831 min Scan# 64
Delta R.T. -0.005 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

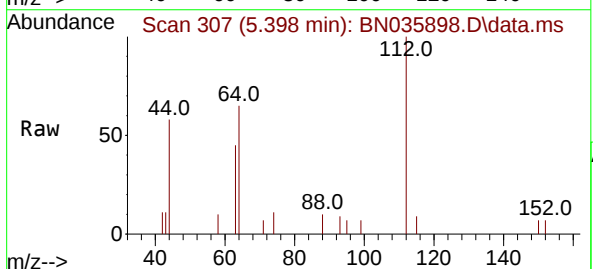
Instrument :
BNA_N
ClientSampleId :
PB165971BL



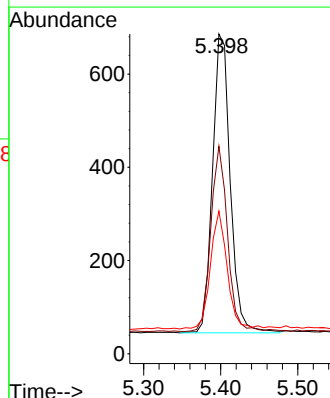
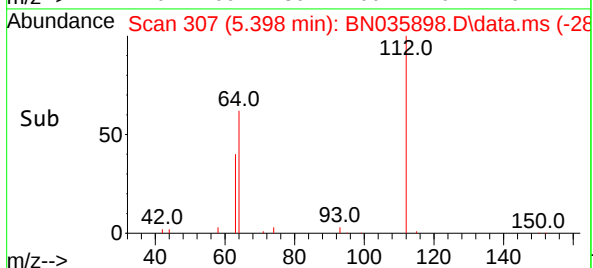
Tgt Ion:152 Resp: 1101
Ion Ratio Lower Upper
152 100
150 152.4 117.8 176.6
115 66.3 51.0 76.4

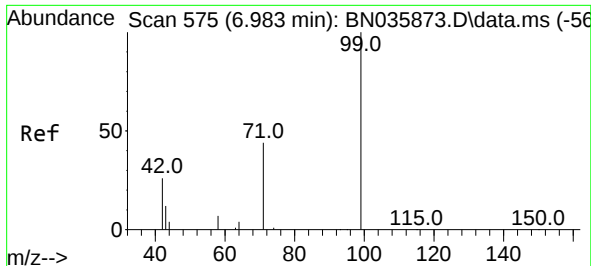


#4
2-Fluorophenol
Concen: 0.377 ng
RT: 5.398 min Scan# 307
Delta R.T. -0.011 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08



Tgt Ion:112 Resp: 1018
Ion Ratio Lower Upper
112 100
64 58.4 48.2 72.2
63 38.0 30.0 45.0

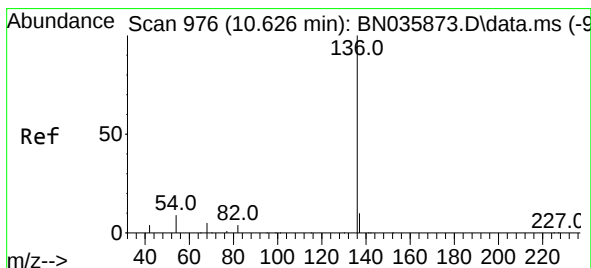
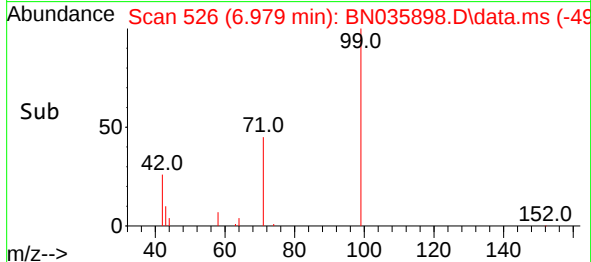
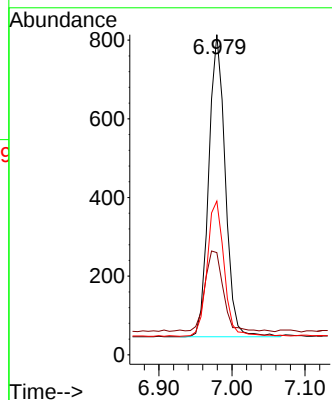
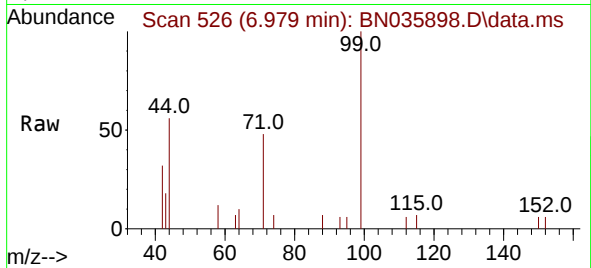




#5
Phenol-d6
Concen: 0.358 ng
RT: 6.979 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

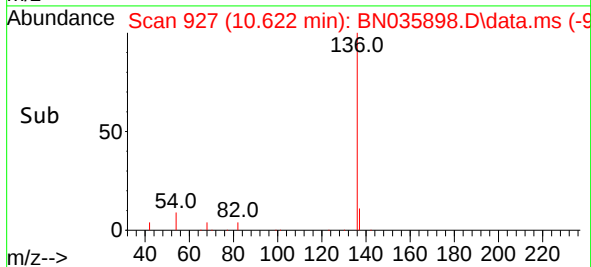
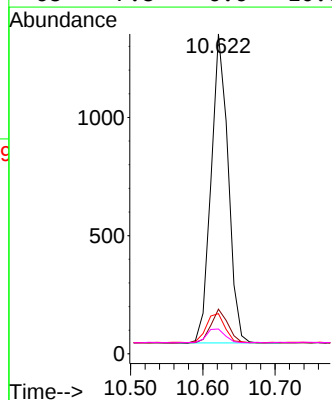
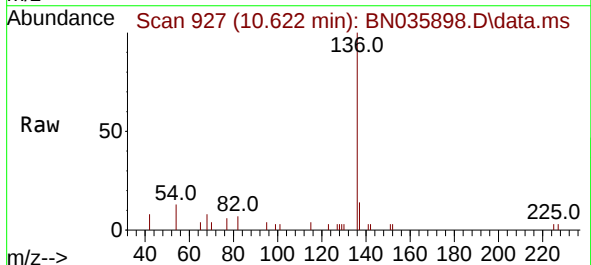
Instrument :
BNA_N
ClientSampleId :
PB165971BL

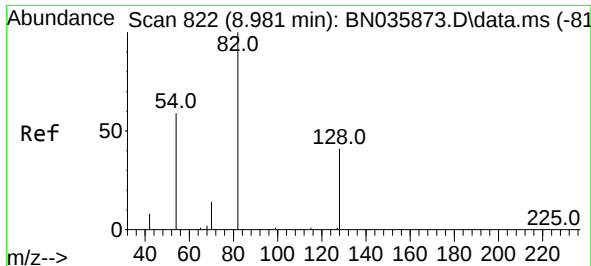
Tgt Ion:	99	Resp:	1202
Ion	Ratio	Lower	Upper
99	100		
42	30.0	23.5	35.3
71	46.5	35.5	53.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 927
Delta R.T. -0.004 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Tgt Ion:	136	Resp:	2139
Ion	Ratio	Lower	Upper
136	100		
137	14.0	10.6	15.8
54	12.6	9.8	14.6
68	7.8	6.6	10.0

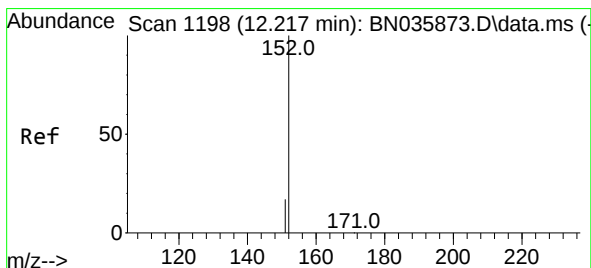
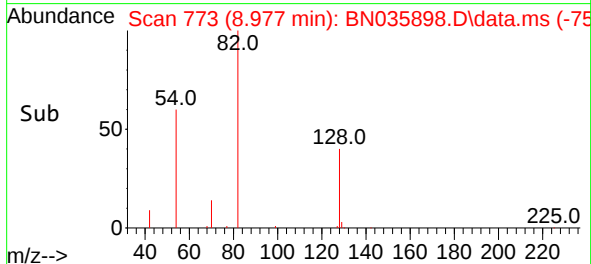
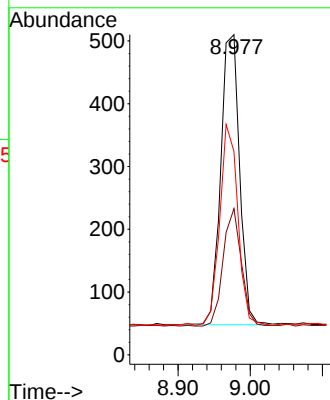
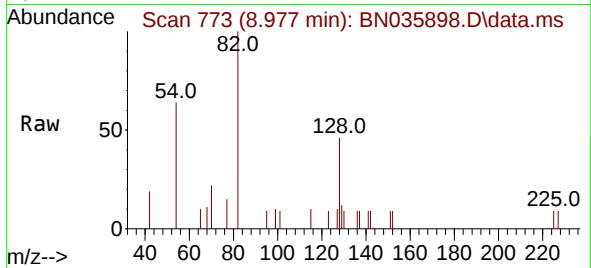




#8
Nitrobenzene-d5
Concen: 0.495 ng
RT: 8.977 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

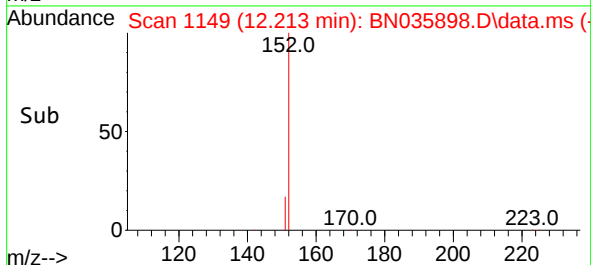
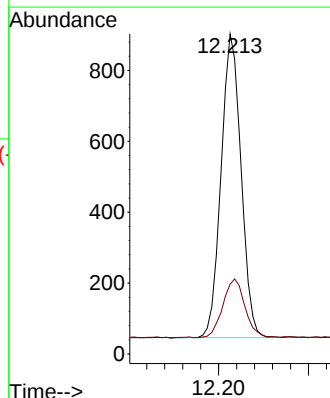
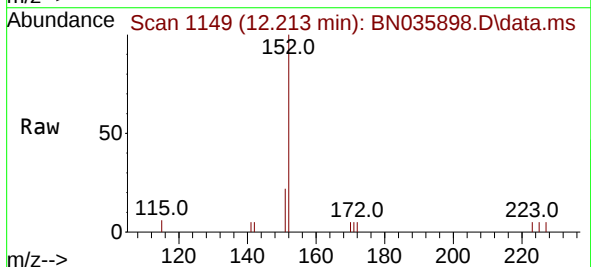
Instrument :
BNA_N
ClientSampleId :
PB165971BL

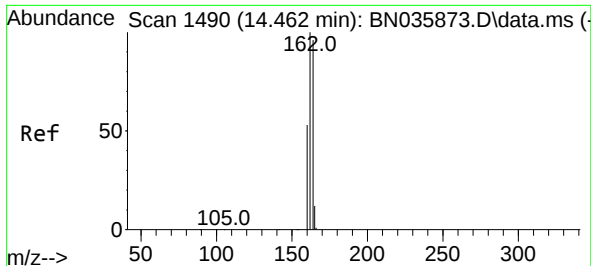
Tgt Ion: 82 Resp: 839
Ion Ratio Lower Upper
82 100
128 45.7 36.9 55.3
54 63.5 50.4 75.6



#11
2-Methylnaphthalene-d10
Concen: 0.462 ng
RT: 12.213 min Scan# 1149
Delta R.T. -0.004 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

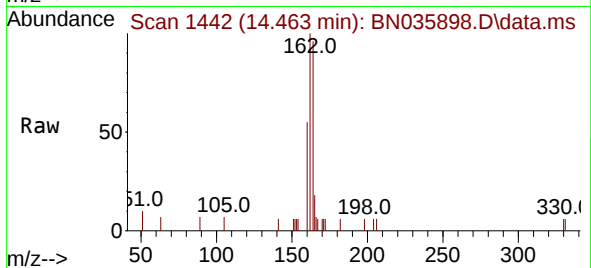
Tgt Ion:152 Resp: 1323
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6



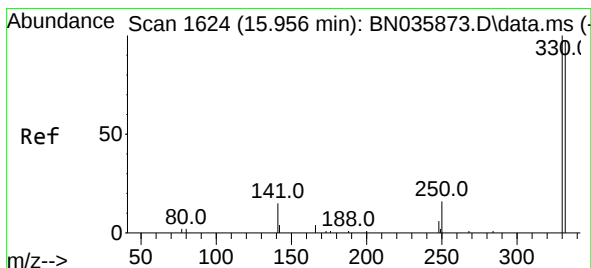
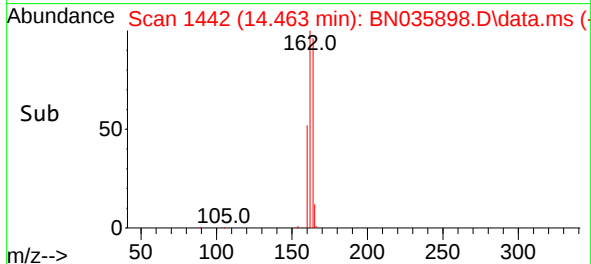
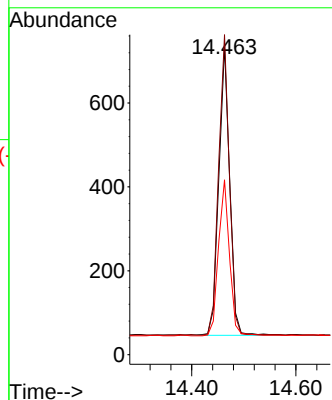


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Instrument :
BNA_N
ClientSampleId :
PB165971BL

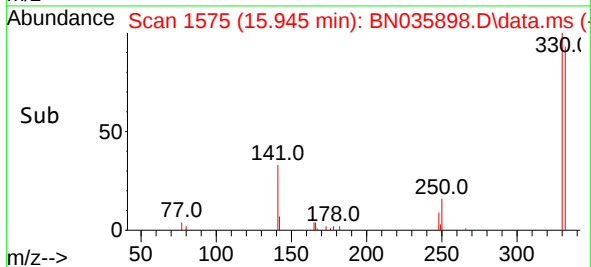
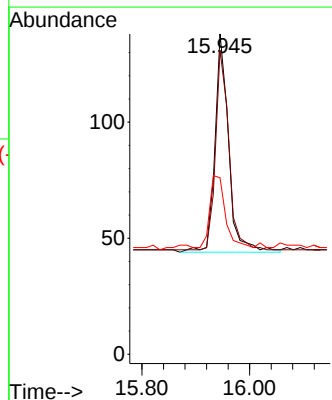
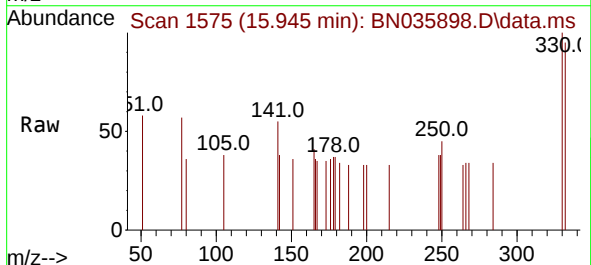


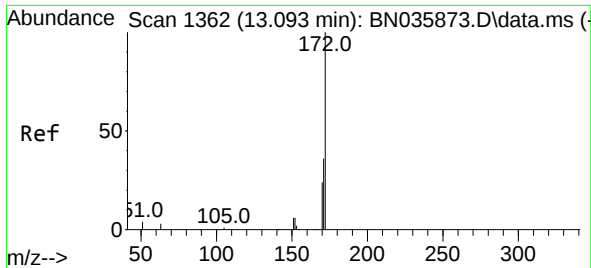
Tgt Ion:164 Resp: 1003
Ion Ratio Lower Upper
164 100
162 103.8 83.1 124.7
160 56.7 46.0 69.0



#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.945 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Tgt Ion:330 Resp: 166
Ion Ratio Lower Upper
330 100
332 88.6 77.2 115.8
141 38.6 31.6 47.4

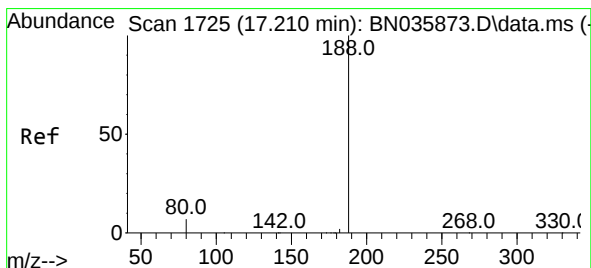
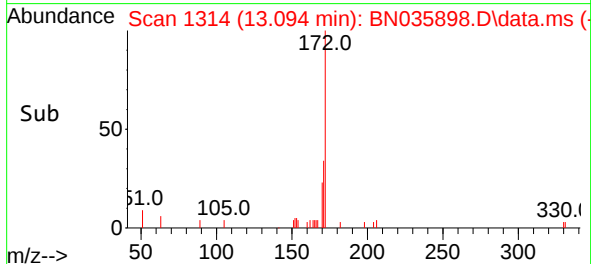
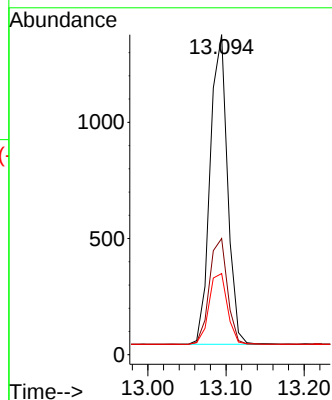
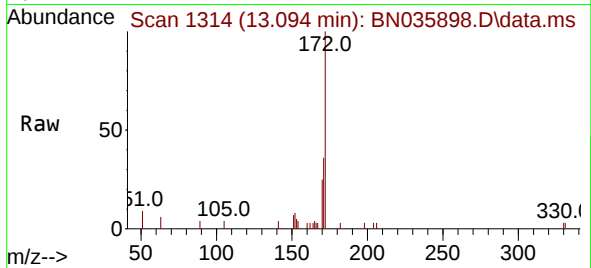




#15
2-Fluorobiphenyl
Concen: 0.467 ng
RT: 13.094 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

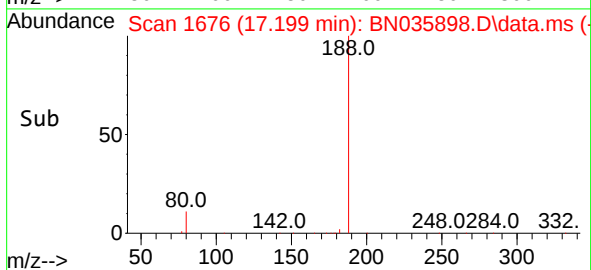
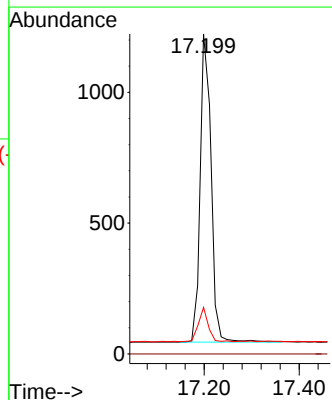
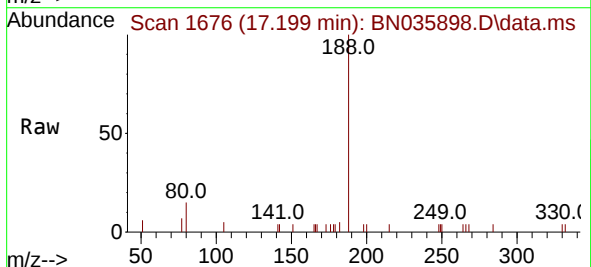
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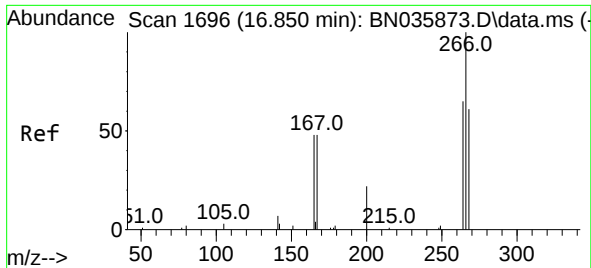
Tgt Ion:172 Resp: 2055
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 25.3 20.8 31.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.199 min Scan# 1676
Delta R.T. -0.011 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Tgt Ion:188 Resp: 1872
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 7.3 10.9

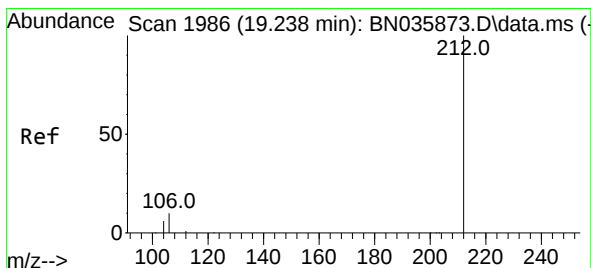
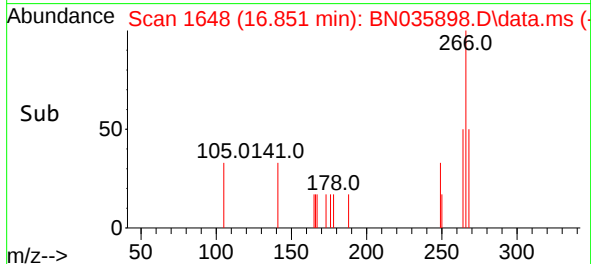
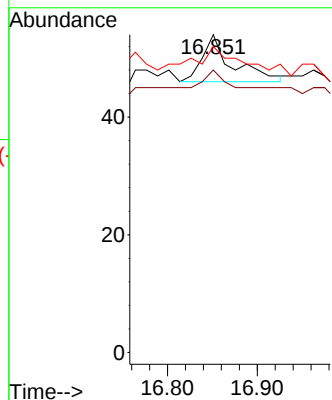
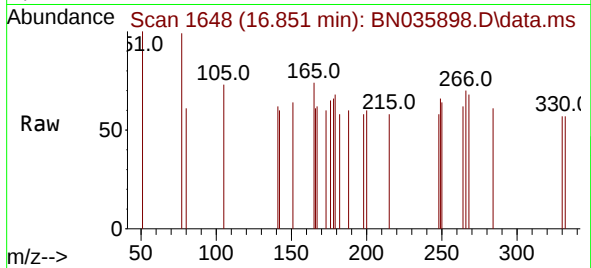




#24
 Pentachlorophenol
 Concen: 0.031 ng
 RT: 16.851 min Scan# 1648
 Delta R.T. 0.001 min
 Lab File: BN035898.D
 Acq: 07 Jan 2025 16:08

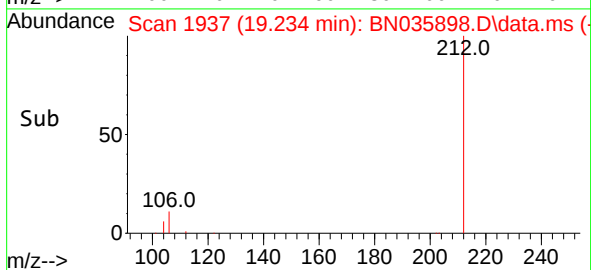
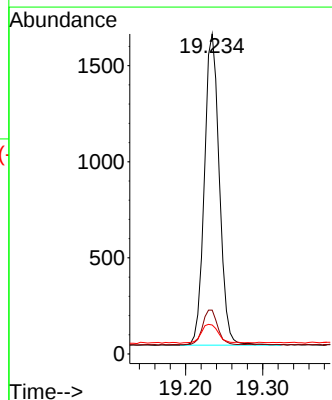
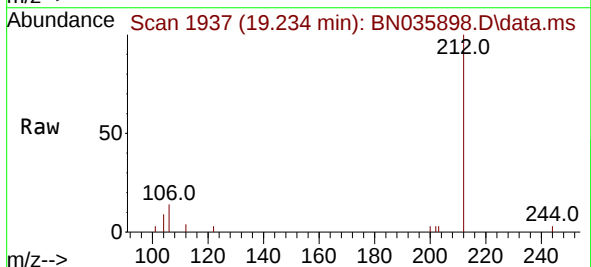
Instrument :
 BNA_N
 ClientSampleId :
 PB165971BL

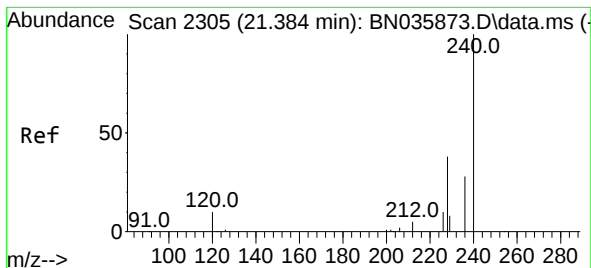
Tgt Ion:266 Resp: 19
 Ion Ratio Lower Upper
 266 100
 264 21.1 49.9 74.9#
 268 105.3 50.2 75.2#



#27
 Fluoranthene-d10
 Concen: 0.468 ng
 RT: 19.234 min Scan# 1937
 Delta R.T. -0.004 min
 Lab File: BN035898.D
 Acq: 07 Jan 2025 16:08

Tgt Ion:212 Resp: 2177
 Ion Ratio Lower Upper
 212 100
 106 11.3 9.0 13.6
 104 7.2 5.4 8.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.385 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN035898.D

Acq: 07 Jan 2025 16:08

Instrument :

BNA_N

ClientSampleId :

PB165971BL

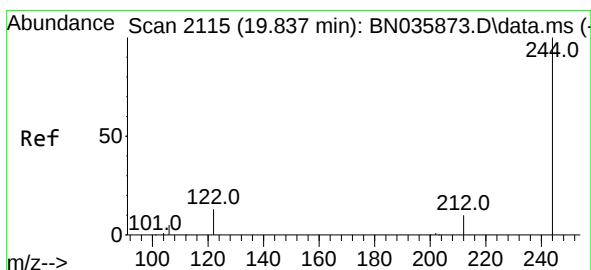
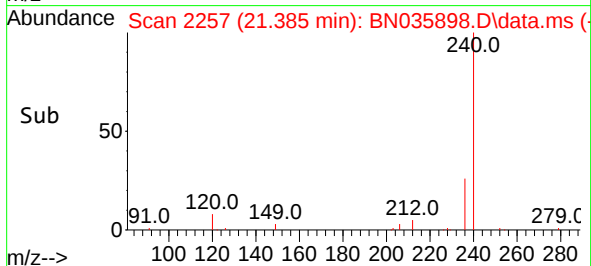
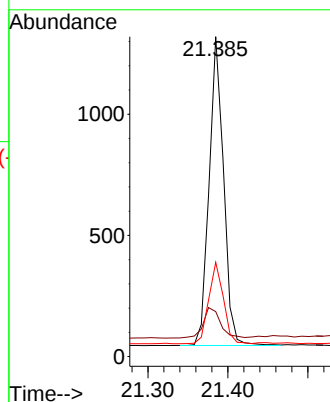
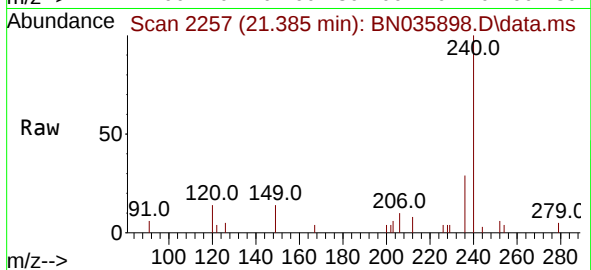
Tgt Ion:240 Resp: 1597

Ion Ratio Lower Upper

240 100

120 14.1 11.1 16.7

236 29.5 24.6 36.8



#31

Terphenyl-d14

Concen: 0.482 ng

RT: 19.838 min Scan# 2067

Delta R.T. 0.001 min

Lab File: BN035898.D

Acq: 07 Jan 2025 16:08

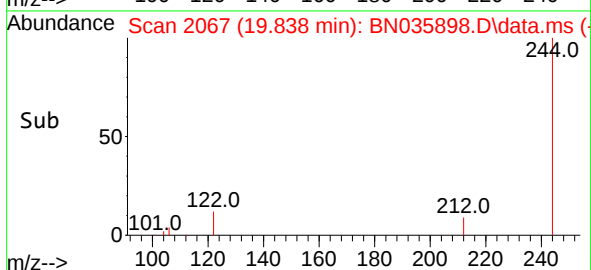
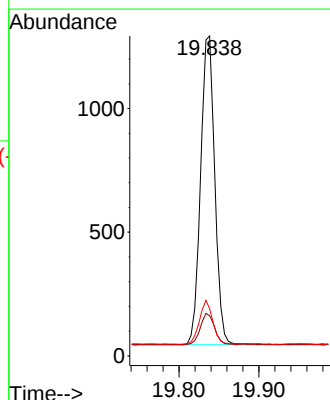
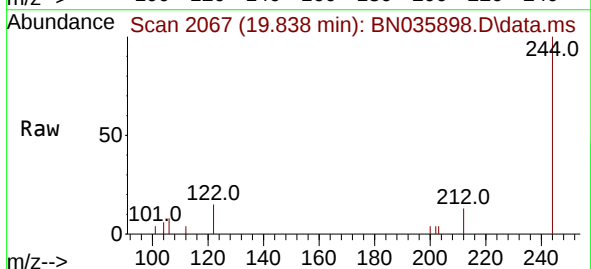
Tgt Ion:244 Resp: 1533

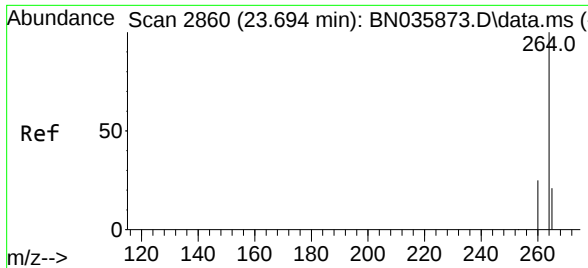
Ion Ratio Lower Upper

244 100

212 12.5 10.1 15.1

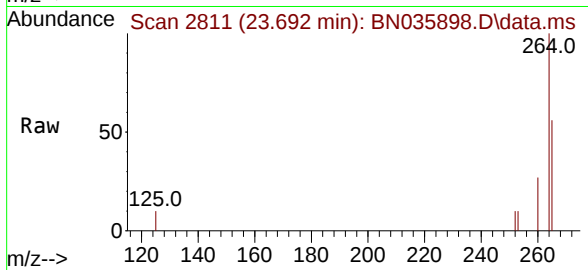
122 14.8 12.2 18.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.692 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BN035898.D
 Acq: 07 Jan 2025 16:08

Instrument :
 BNA_N
 ClientSampleId :
 PB165971BL



Tgt Ion:264 Resp: 1804

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.7	32.5
265	56.3	33.9	50.9

