

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028168.D
 Acq On : 09 Oct 2023 19:25
 Operator : MA/JU
 Sample : 04739-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW12

Quant Time: Oct 10 00:44:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

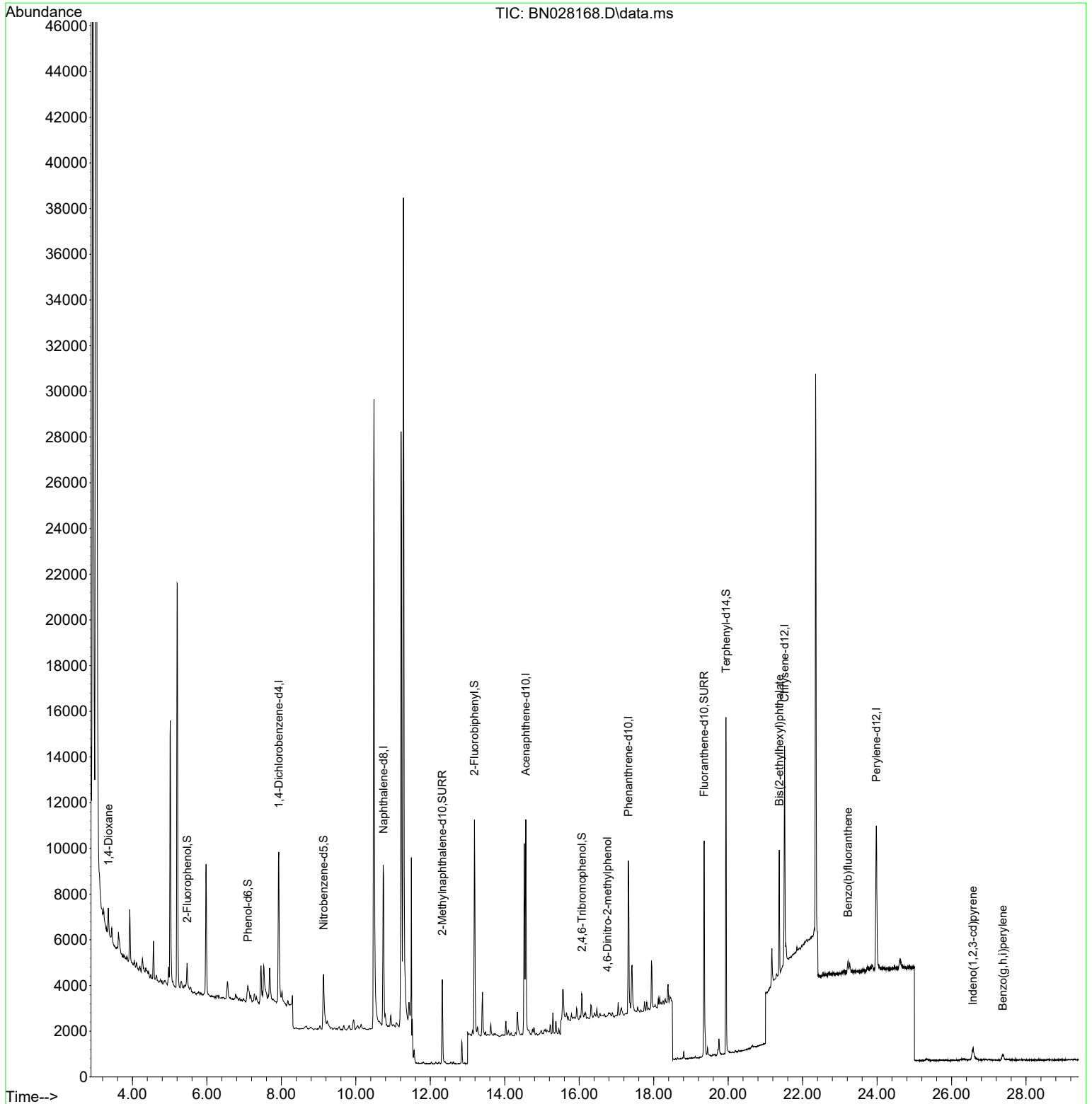
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3549	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	10576	0.400	ng	# 0.01
13) Acenaphthene-d10	14.566	164	5878	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	10333	0.400	ng	0.00
29) Chrysene-d12	21.515	240	9102	0.400	ng	0.00
35) Perylene-d12	23.978	264	9613	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.473	112	1233	0.116	ng	0.00
5) Phenol-d6	7.098	99	877	0.066	ng	0.00
8) Nitrobenzene-d5	9.134	82	2987	0.332	ng	0.01
11) 2-Methylnaphthalene-d10	12.320	152	5431	0.347	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	760	0.282	ng	0.00
15) 2-Fluorobiphenyl	13.186	172	8822	0.416	ng	0.00
27) Fluoranthene-d10	19.356	212	11216	0.432	ng	0.00
31) Terphenyl-d14	19.941	244	14055	0.662	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.357	88	701	0.176	ng	# 47
20) 4,6-Dinitro-2-methylph...	16.760	198	6	0.044	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.372	149	4814	0.236	ng	99
36) Indeno(1,2,3-cd)pyrene	26.571	276	650	0.020	ng	# 67
37) Benzo(b)fluoranthene	23.218	252	680	0.022	ng	# 1
41) Benzo(g,h,i)perylene	27.378	276	576	0.021	ng	# 25

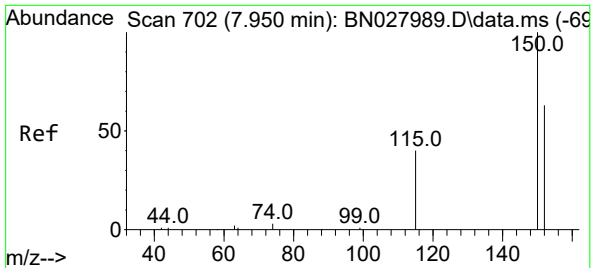
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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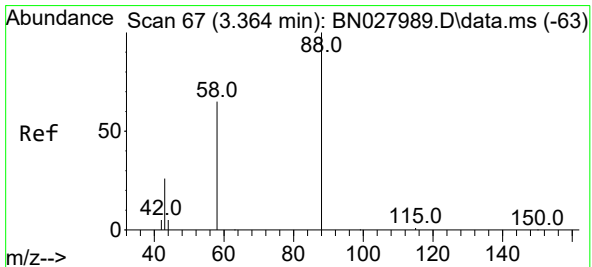
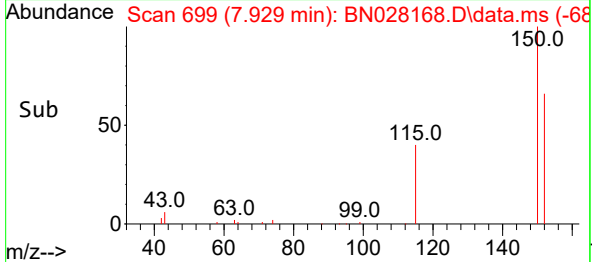
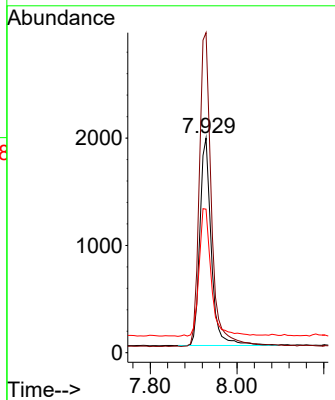
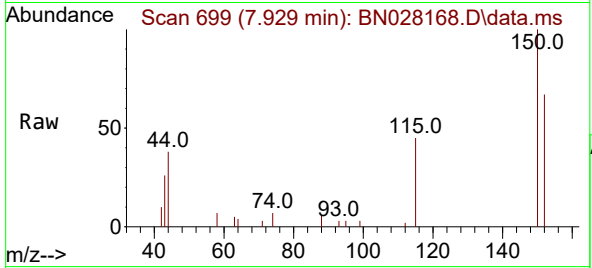




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.929 min Scan# 69
 Delta R.T. 0.007 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

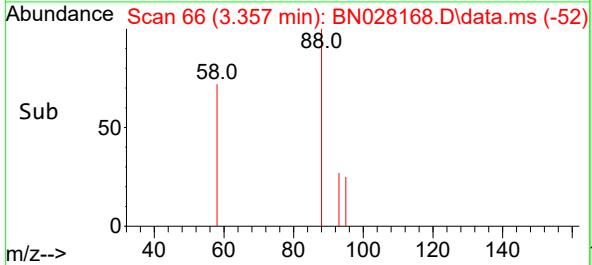
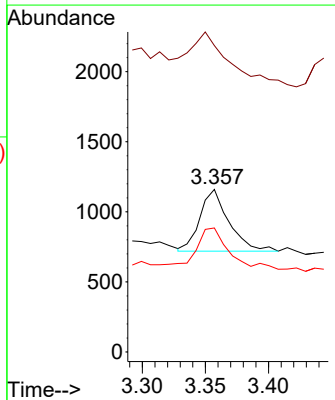
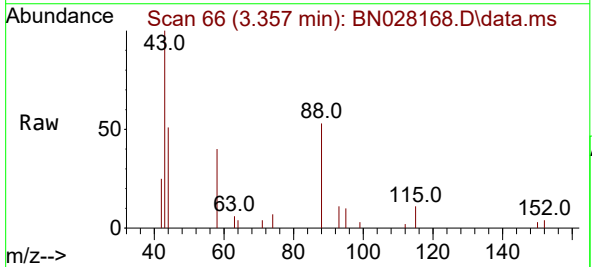
Instrument :
 BNA_N
 ClientSampleId :
 MW12

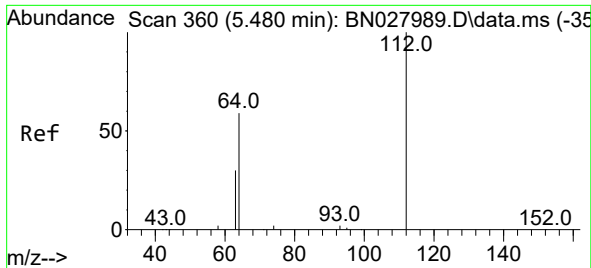
Tgt Ion:152 Resp: 3549
 Ion Ratio Lower Upper
 152 100
 150 149.2 125.6 188.4
 115 66.9 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.176 ng
 RT: 3.357 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

Tgt Ion: 88 Resp: 701
 Ion Ratio Lower Upper
 88 100
 43 111.3 24.6 36.8#
 58 75.5 53.8 80.6

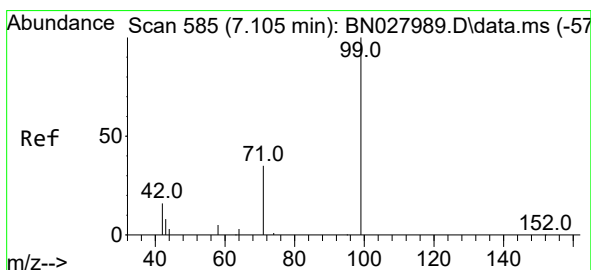
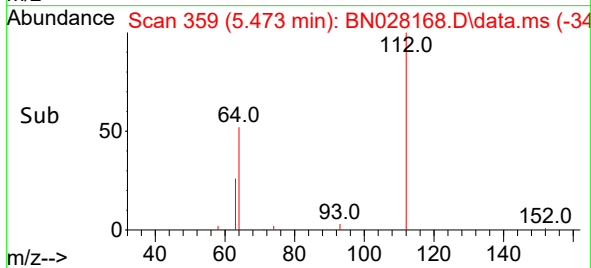
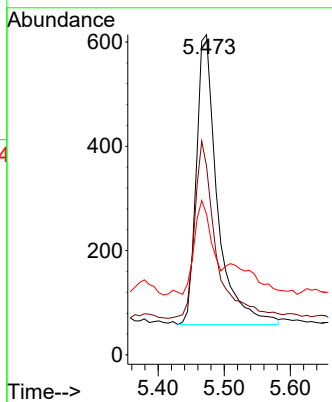
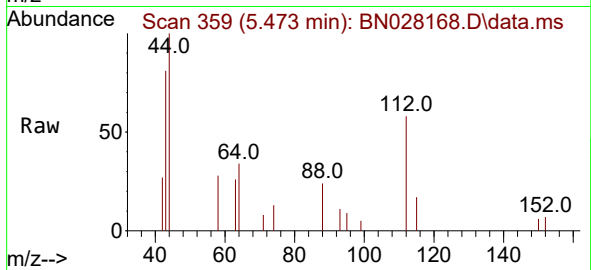




#4
 2-Fluorophenol
 Concen: 0.116 ng
 RT: 5.473 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

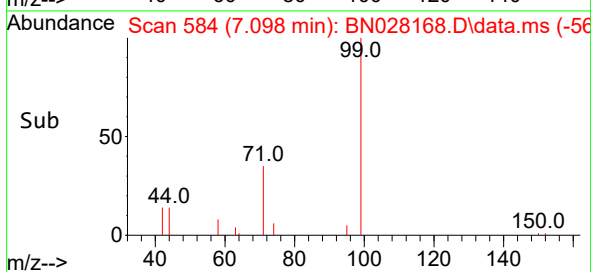
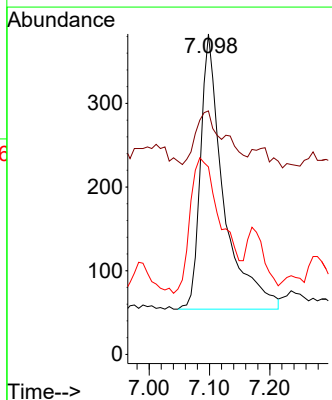
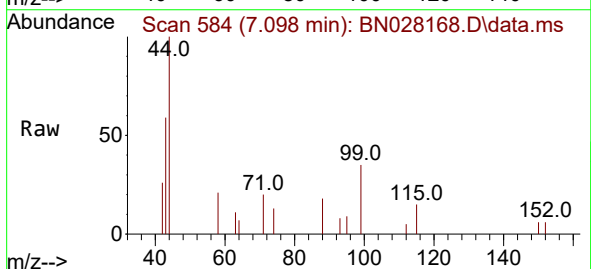
Instrument : BNA_N
 ClientSampleId : MW12

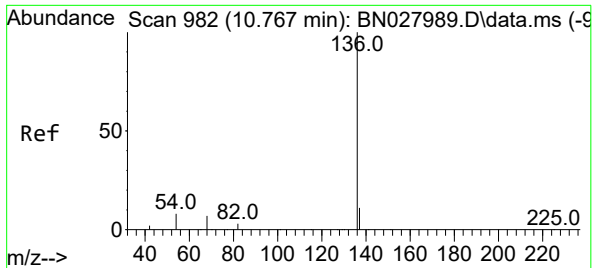
Tgt Ion	Resp	Lower	Upper
112	1233		
112	100		
64	61.8	45.0	67.6
63	28.3	23.4	35.0



#5
 Phenol-d6
 Concen: 0.066 ng
 RT: 7.098 min Scan# 584
 Delta R.T. 0.007 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

Tgt Ion	Resp	Lower	Upper
99	877		
99	100		
42	24.4	14.6	22.0#
71	66.0	28.3	42.5#

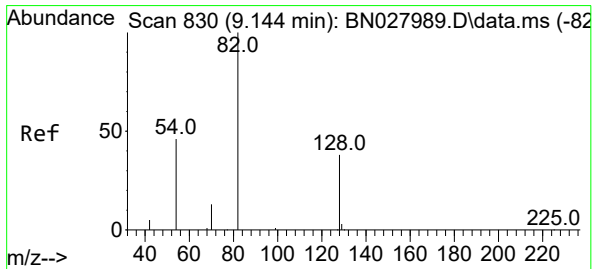
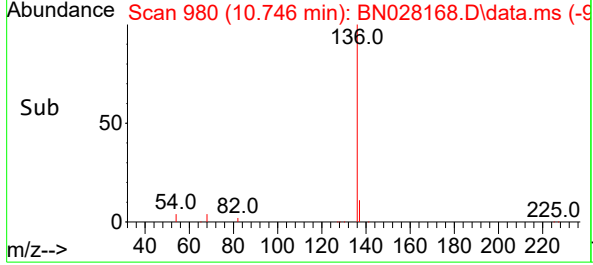
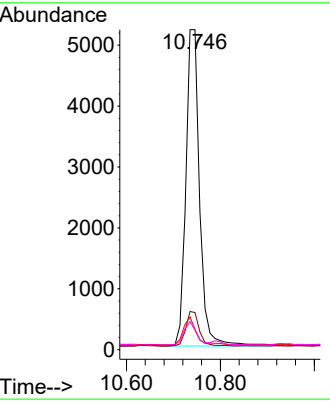
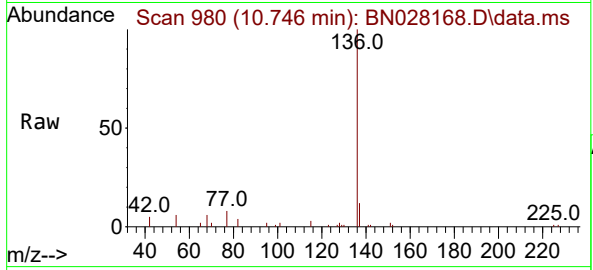




#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.746 min Scan# 911
 Delta R.T. 0.011 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

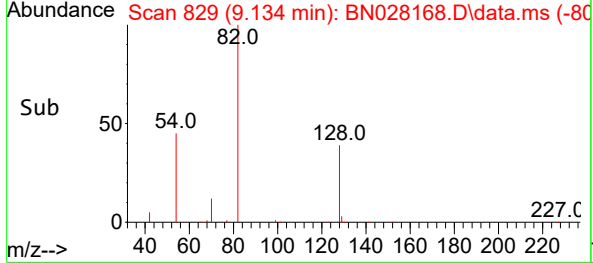
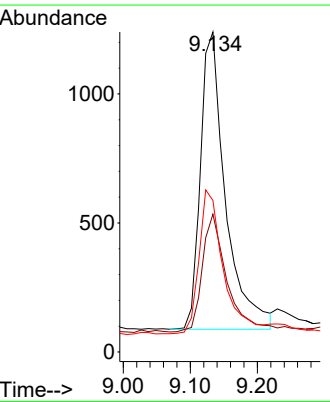
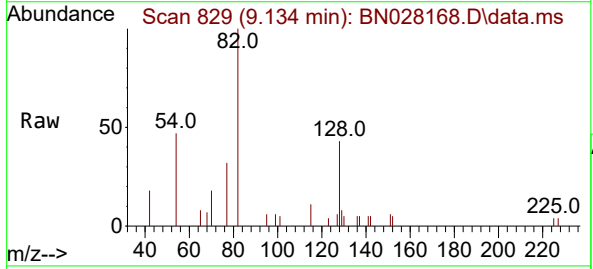
Instrument : BNA_N
 ClientSampleId : MW12

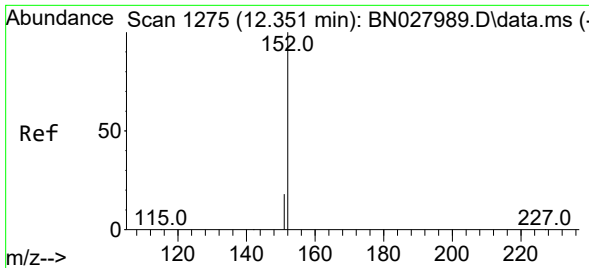
Tgt Ion	Resp	Lower	Upper
136	10576		
137	11.6	9.4	14.0
54	6.3	7.0	10.6#
68	6.1	6.4	9.6#



#8
 Nitrobenzene-d5
 Concen: 0.332 ng
 RT: 9.134 min Scan# 829
 Delta R.T. 0.011 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

Tgt Ion	Resp	Lower	Upper
82	2987		
128	43.1	32.7	49.1
54	47.3	38.7	58.1

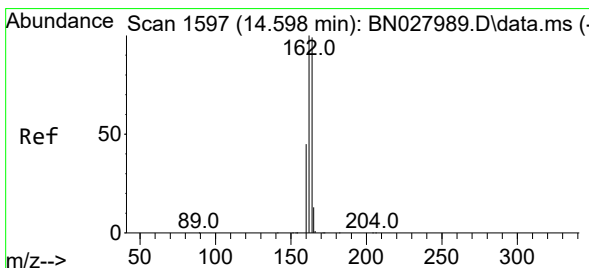
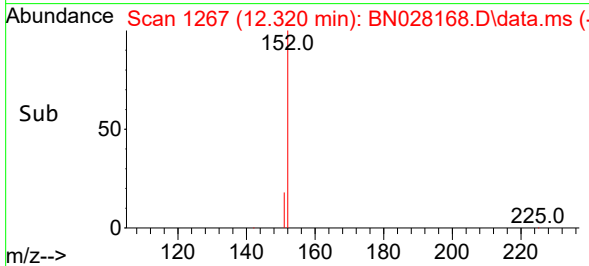
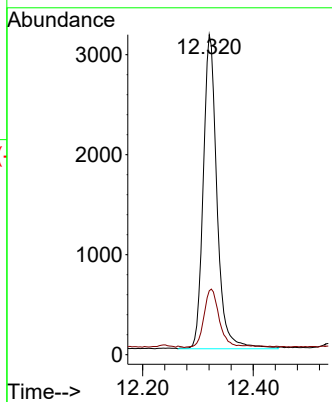
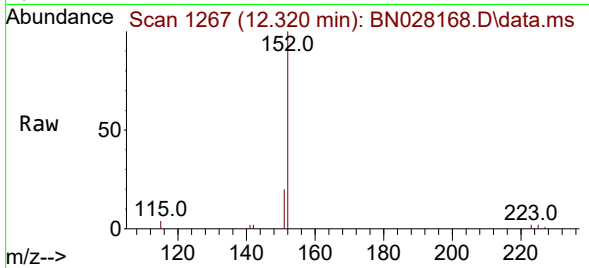




#11
 2-Methylnaphthalene-d10
 Concen: 0.347 ng
 RT: 12.320 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

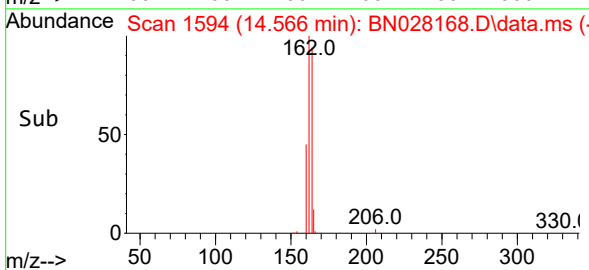
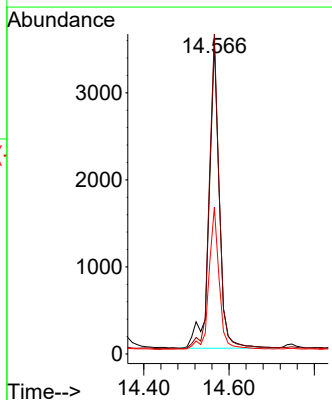
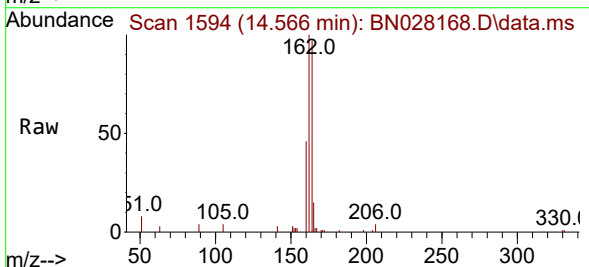
Instrument :
 BNA_N
 ClientSampleId :
 MW12

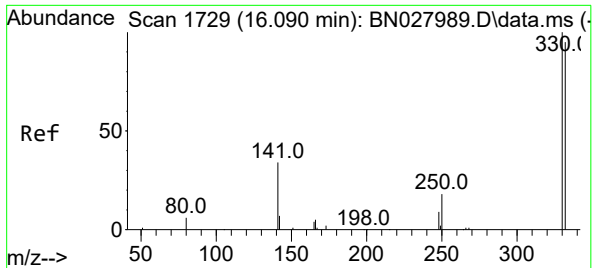
Tgt Ion:152 Resp: 5431
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.566 min Scan# 1594
 Delta R.T. -0.000 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

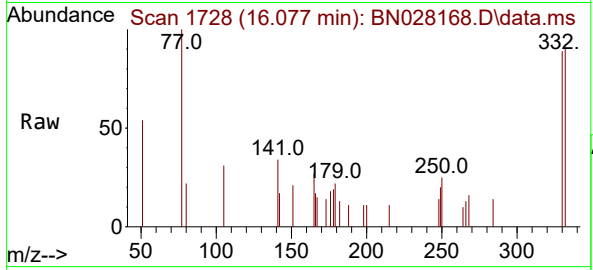
Tgt Ion:164 Resp: 5878
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.8 121.2
 160 47.1 36.4 54.6





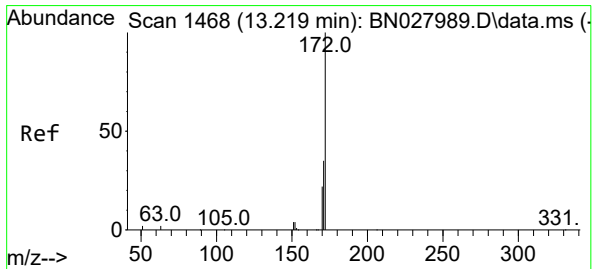
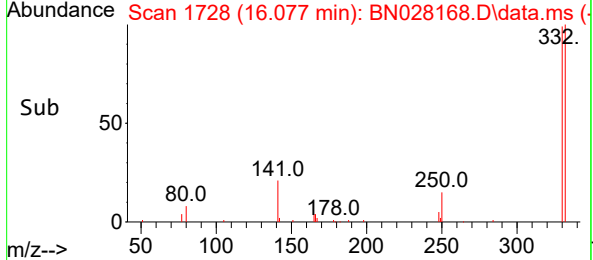
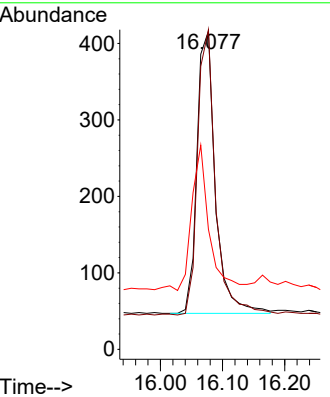
#14
 2,4,6-Tribromophenol
 Concen: 0.282 ng
 RT: 16.077 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

Instrument : BNA_N
 ClientSampleId : MW12

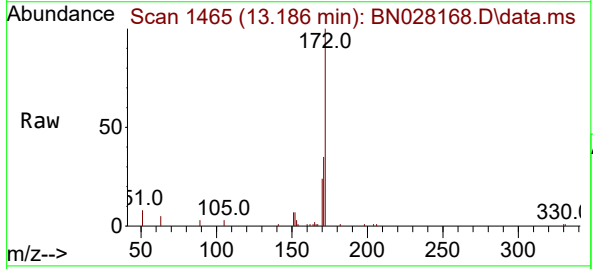


Tgt Ion: 330 Resp: 760

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	44.3	33.4	50.2

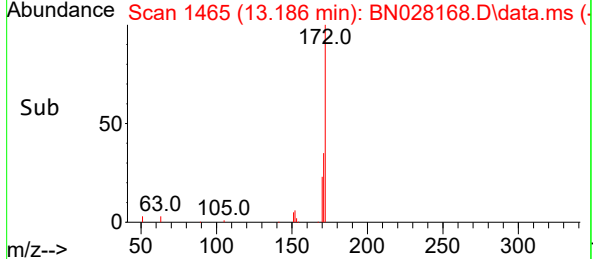
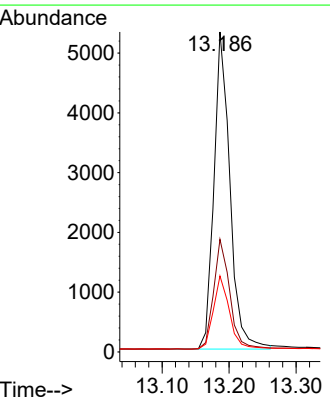


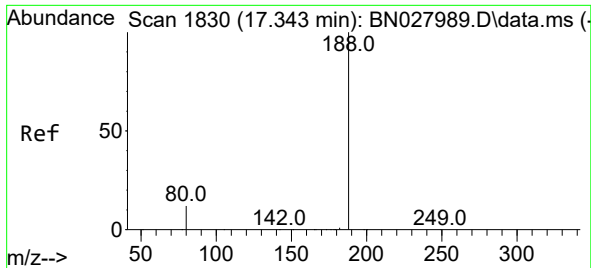
#15
 2-Fluorobiphenyl
 Concen: 0.416 ng
 RT: 13.186 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25



Tgt Ion: 172 Resp: 8822

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.8	18.4	27.6

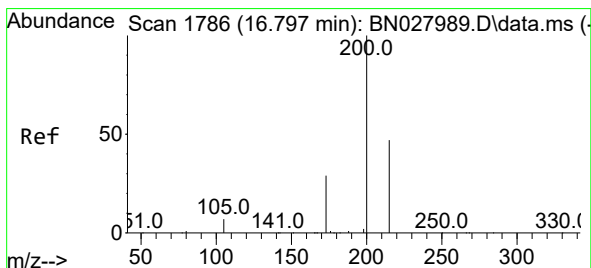
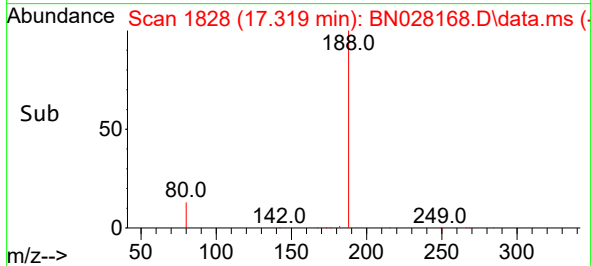
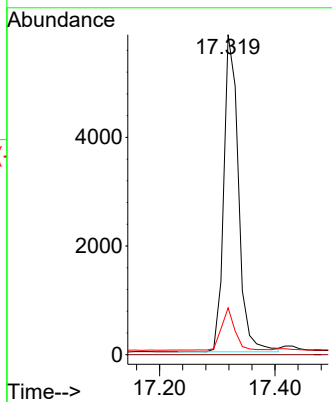
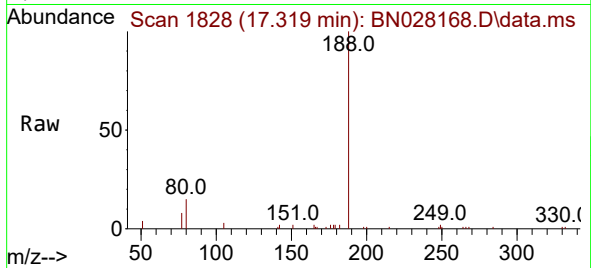




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.319 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

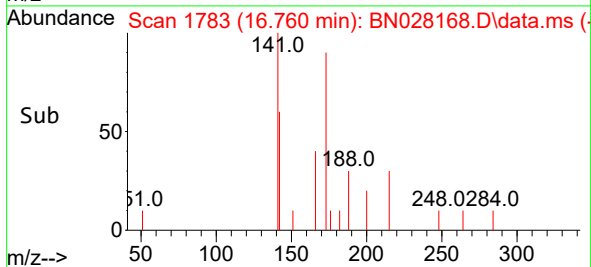
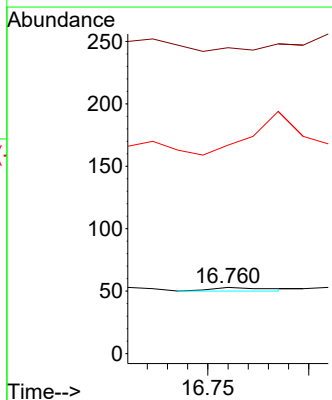
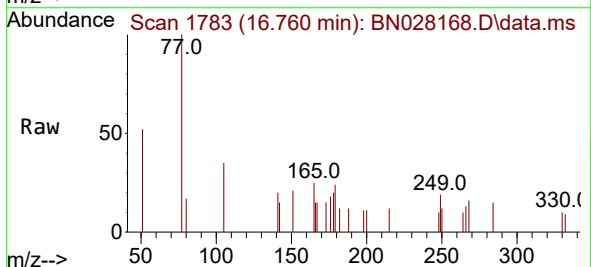
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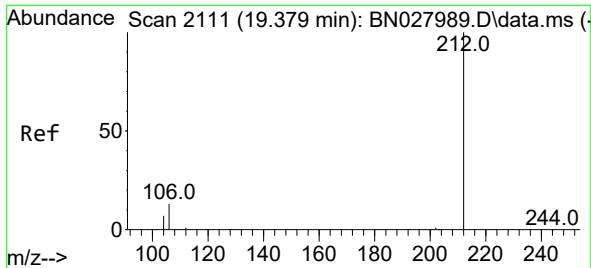
Tgt Ion:188 Resp: 10333
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 14.6 10.2 15.4



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.044 ng
 RT: 16.760 min Scan# 1783
 Delta R.T. -0.025 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

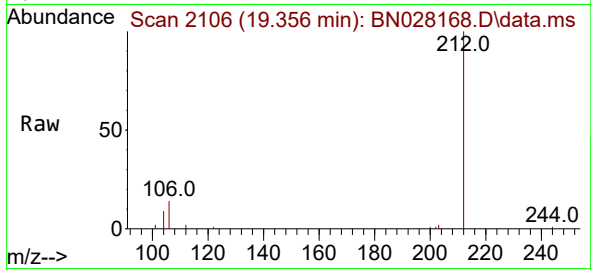
Tgt Ion:198 Resp: 6
 Ion Ratio Lower Upper
 198 100
 51 462.3 180.7 271.1#
 105 315.1 222.2 333.2



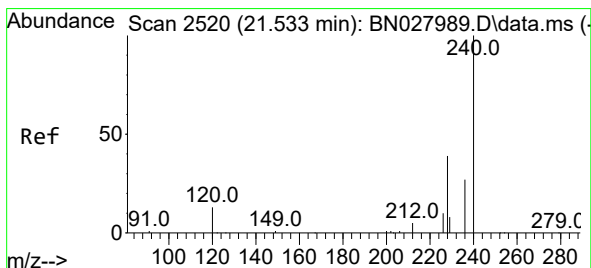
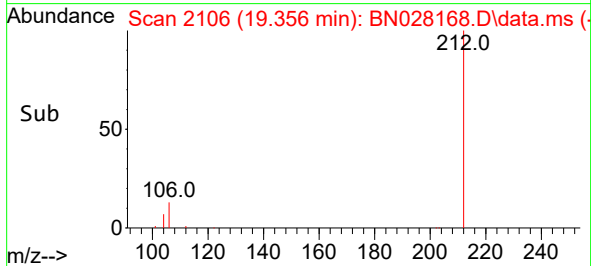
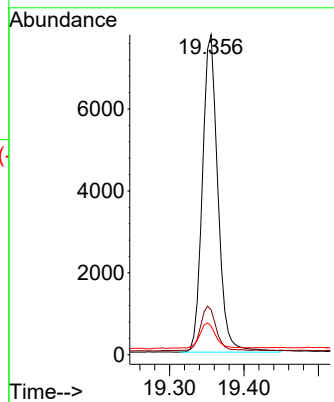


#27
 Fluoranthene-d10
 Concen: 0.432 ng
 RT: 19.356 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

Instrument :
 BNA_N
 ClientSampleId :
 MW12

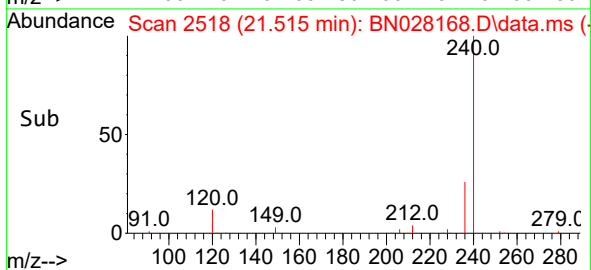
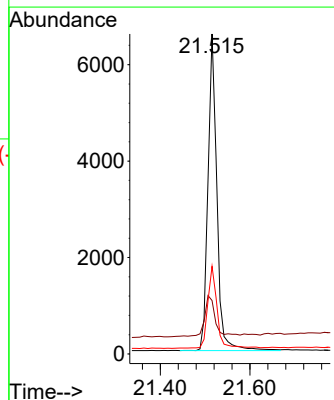
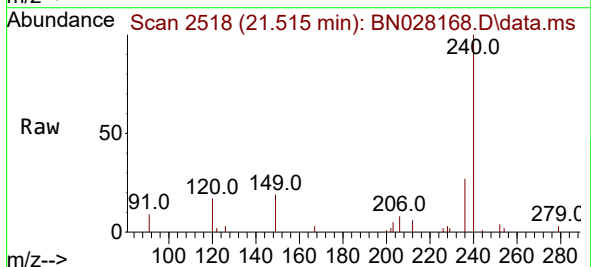


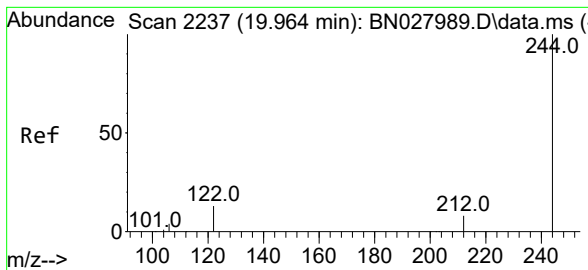
Tgt Ion:212 Resp: 11216
 Ion Ratio Lower Upper
 212 100
 106 13.9 11.3 16.9
 104 8.5 6.4 9.6



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.515 min Scan# 2518
 Delta R.T. -0.000 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

Tgt Ion:240 Resp: 9102
 Ion Ratio Lower Upper
 240 100
 120 16.7 13.8 20.6
 236 27.4 22.6 33.8



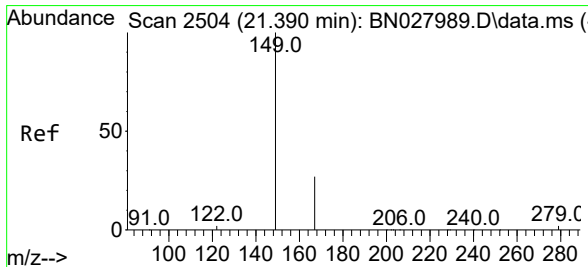
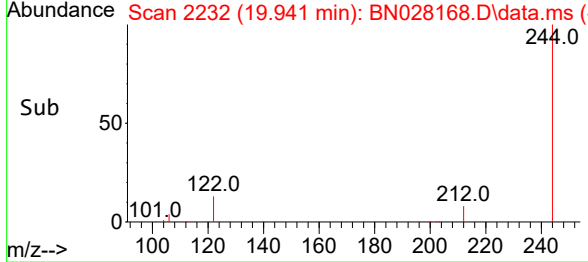
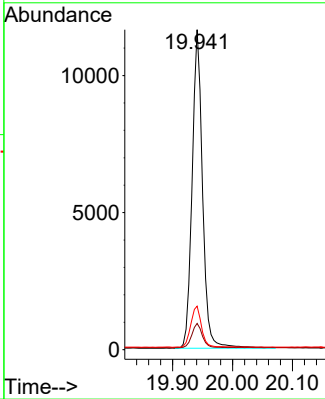
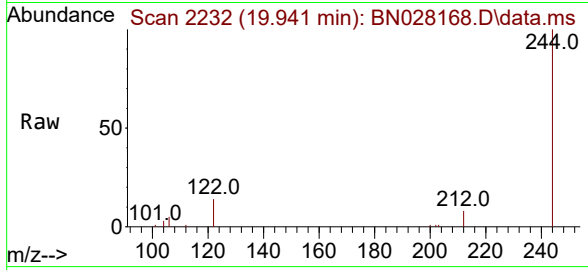


#31
 Terphenyl-d14
 Concen: 0.662 ng
 RT: 19.941 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

Instrument :
 BNA_N
 ClientSampleId :
 MW12

Tgt Ion:244 Resp: 14055

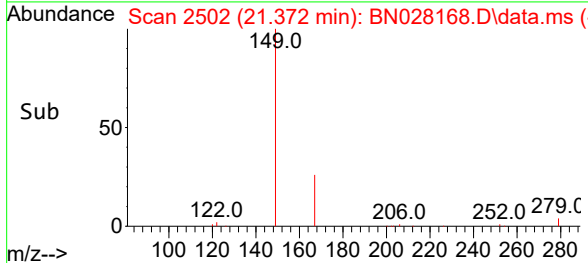
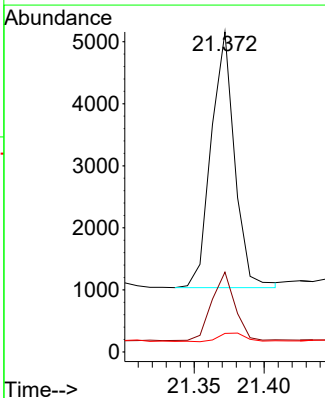
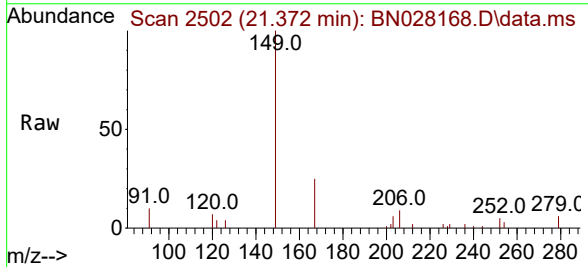
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	13.6	11.4	17.0

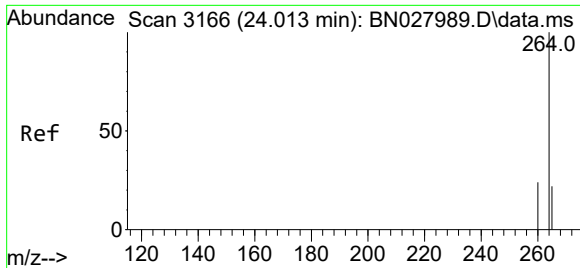


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.236 ng
 RT: 21.372 min Scan# 2502
 Delta R.T. 0.009 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

Tgt Ion:149 Resp: 4814

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.1	33.1
279	4.3	3.4	5.0

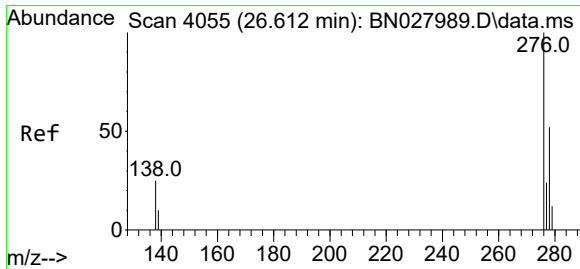
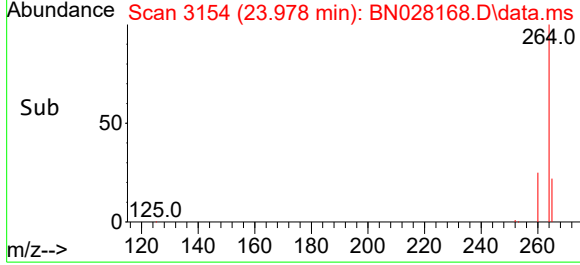
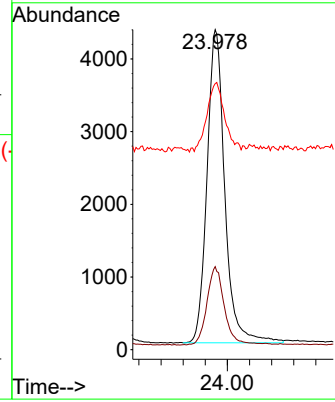
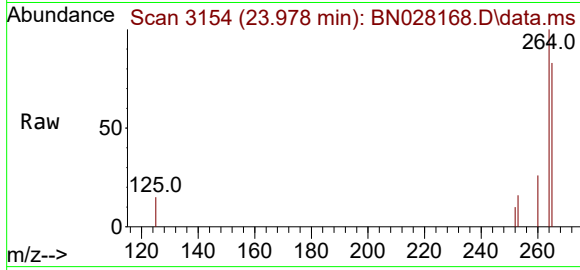




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.978 min Scan# 3166
 Delta R.T. 0.003 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

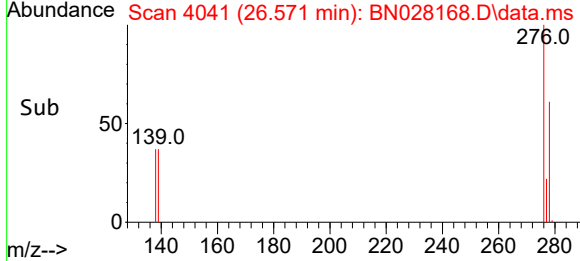
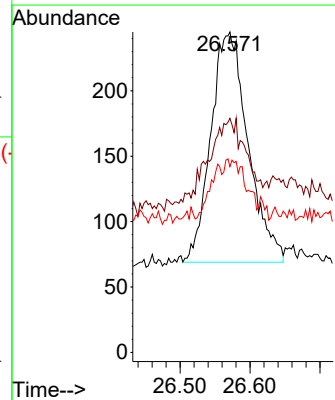
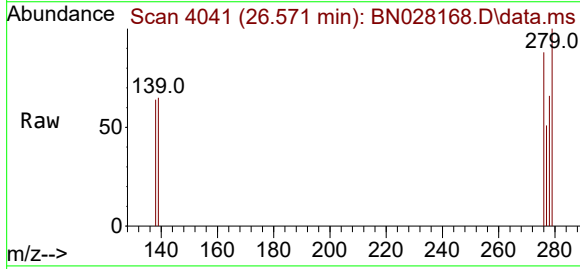
Instrument :
 BNA_N
 ClientSampleId :
 MW12

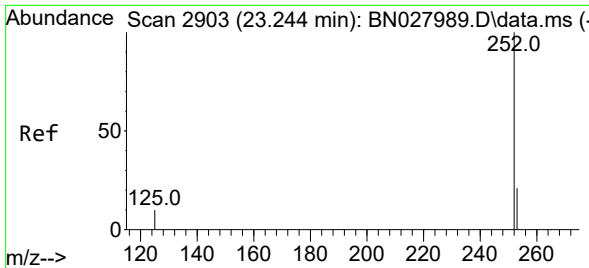
Tgt Ion	Resp	Lower	Upper
264	100		
260	25.9	20.2	30.4
265	83.1	54.8	82.2#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.020 ng
 RT: 26.571 min Scan# 4041
 Delta R.T. 0.014 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

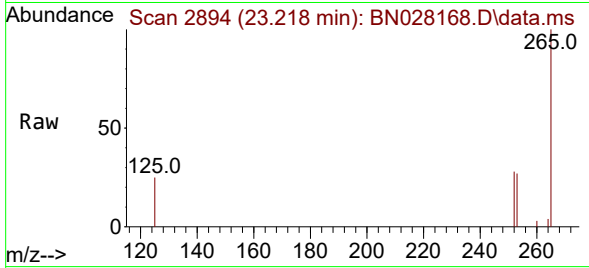
Tgt Ion	Resp	Lower	Upper
276	100		
138	35.4	20.9	31.3#
277	0.6	19.8	29.6#



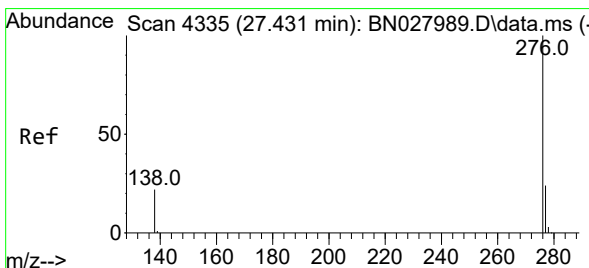
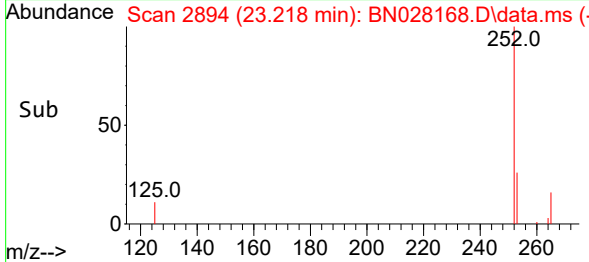
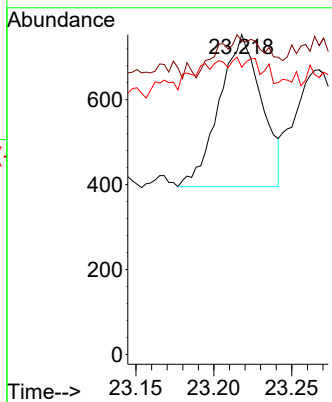


#37
 Benzo(b)fluoranthene
 Concen: 0.022 ng
 RT: 23.218 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

Instrument :
 BNA_N
 ClientSampleId :
 MW12



Tgt Ion:252 Resp: 680
 Ion Ratio Lower Upper
 252 100
 253 98.0 22.9 34.3#
 125 89.8 13.8 20.8#



#41
 Benzo(g,h,i)perylene
 Concen: 0.021 ng
 RT: 27.378 min Scan# 4317
 Delta R.T. 0.012 min
 Lab File: BN028168.D
 Acq: 09 Oct 2023 19:25

Tgt Ion:276 Resp: 576
 Ion Ratio Lower Upper
 276 100
 277 62.7 22.1 33.1#
 138 68.9 20.8 31.2#

