

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
 Data File : BN028422.D
 Acq On : 02 Nov 2023 15:36
 Operator : MA/JU
 Sample : 05173-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-200-202

Quant Time: Nov 02 17:06:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 06:26:50 2023
 Response via : Initial Calibration

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

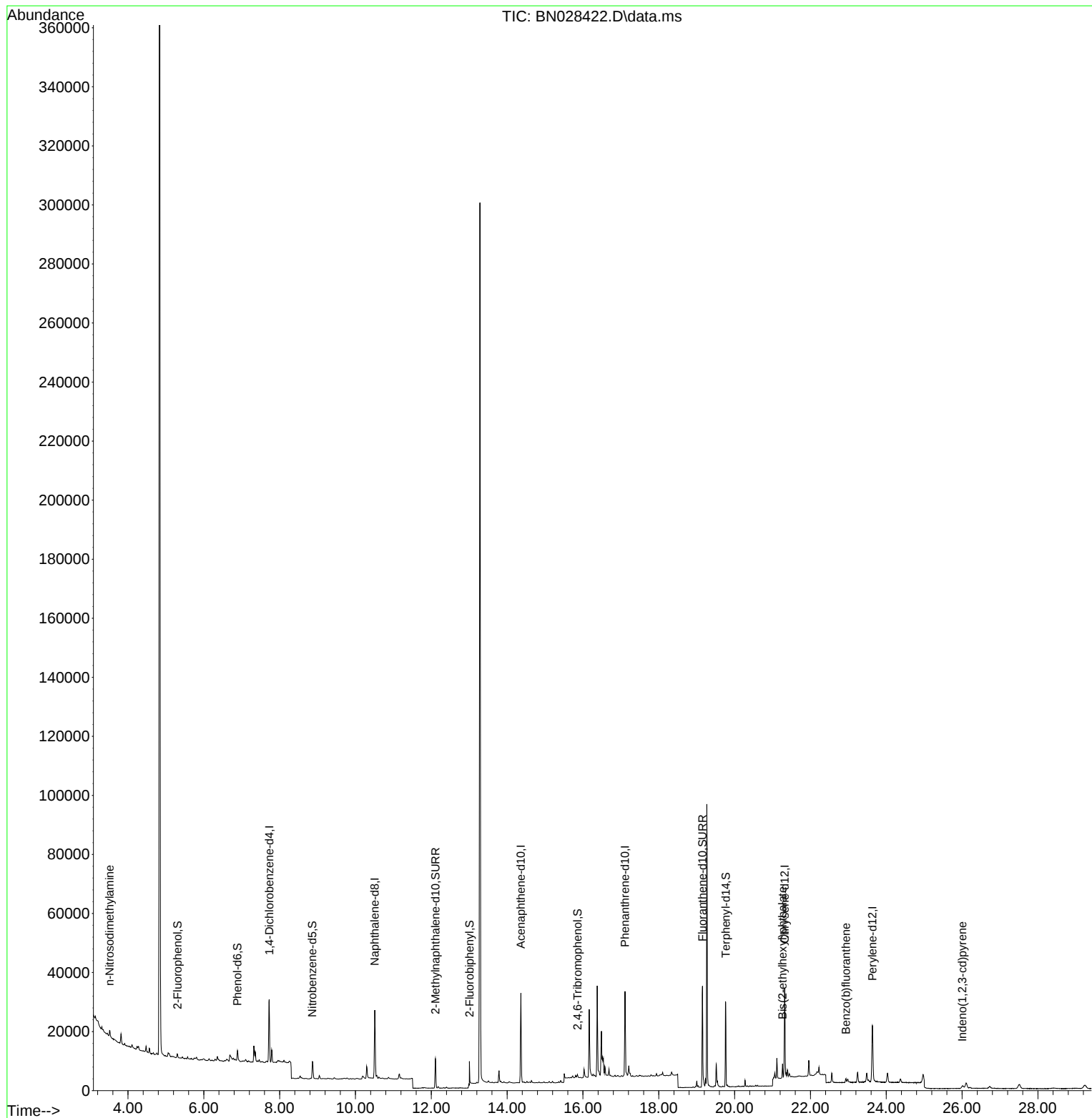
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	9947	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	29326	0.400	ng	0.00
13) Acenaphthene-d10	14.363	164	15936	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	35665	0.400	ng	#-0.01
29) Chrysene-d12	21.319	240	27096	0.400	ng	# 0.00
35) Perylene-d12	23.634	264	26724	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	1093	0.042	ng	0.00
5) Phenol-d6	6.886	99	2780	0.084	ng	0.00
8) Nitrobenzene-d5	8.864	82	4962	0.262	ng	-0.01
11) 2-Methylnaphthalene-d10	12.110	152	13116	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	692	0.111	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	3397	0.180	ng	0.00
27) Fluoranthene-d10	19.152	212	36118	0.410	ng	0.00
31) Terphenyl-d14	19.765	244	26535	0.465	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.514	42	417	0.034	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.265	149	4438	0.080	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.005	276	1435	0.061	ng	# 65
37) Benzo(b)fluoranthene	22.935	252	1781	0.084	ng	# 37

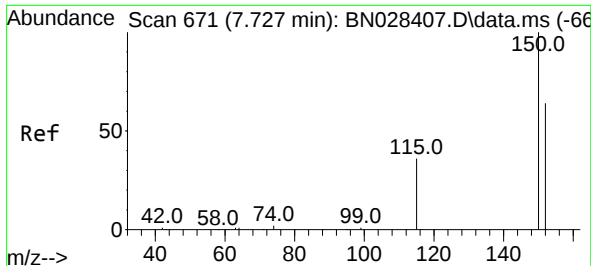
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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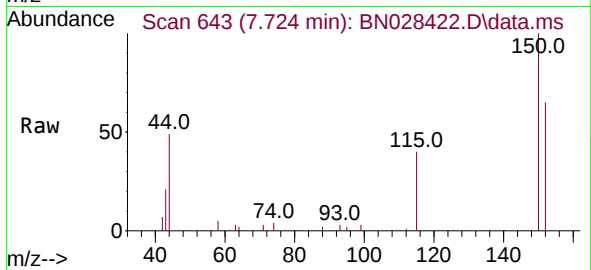
Quant Time: Nov 02 17:06:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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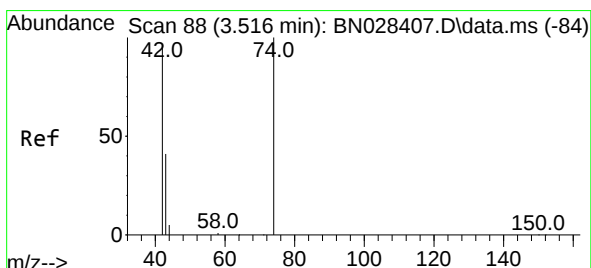
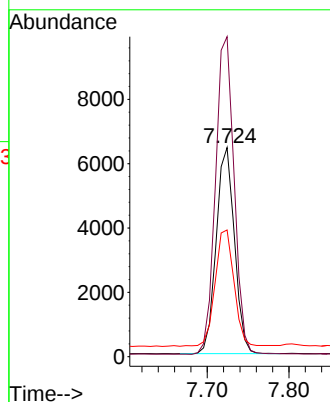
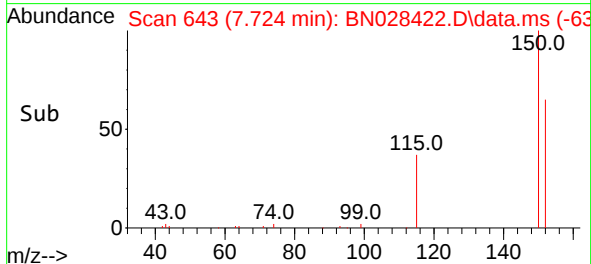


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. -0.003 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-200-202

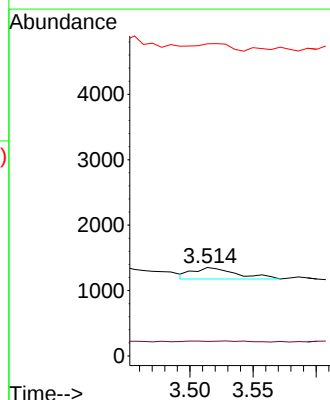
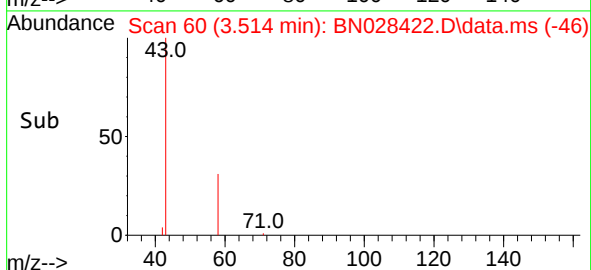
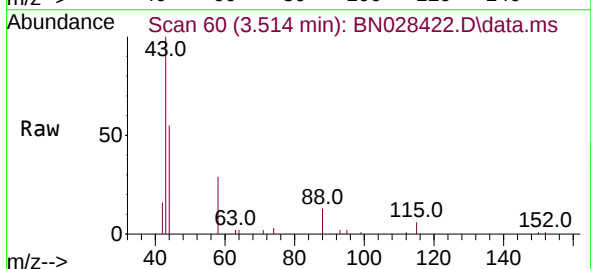


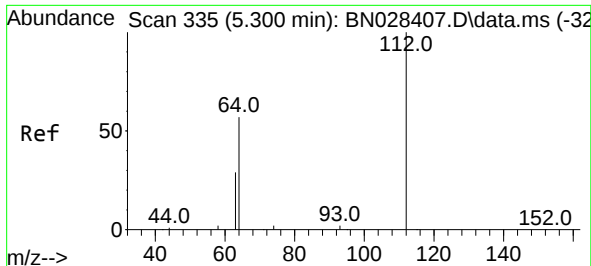
Tgt Ion:152 Resp: 9947
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.6
115 60.6 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.514 min Scan# 60
Delta R.T. -0.002 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

Tgt Ion: 42 Resp: 417
Ion Ratio Lower Upper
42 100
74 7.0 100.3 150.5#
44 46.8 6.2 9.2#

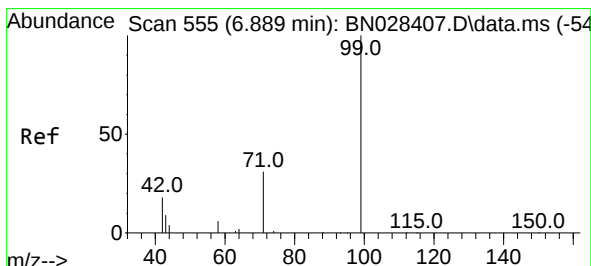
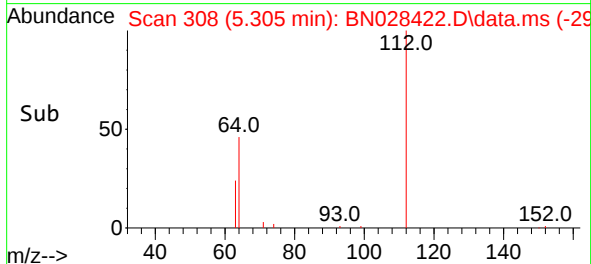
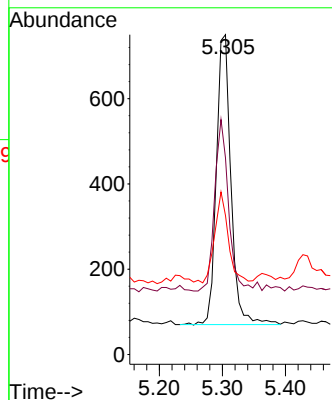
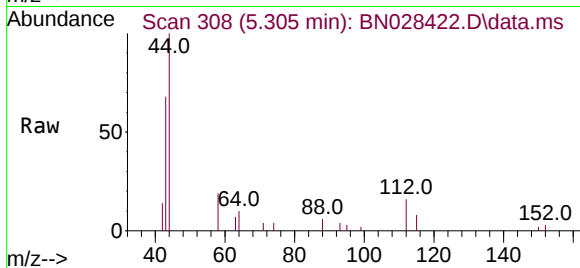




#4
2-Fluorophenol
Concen: 0.042 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.005 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

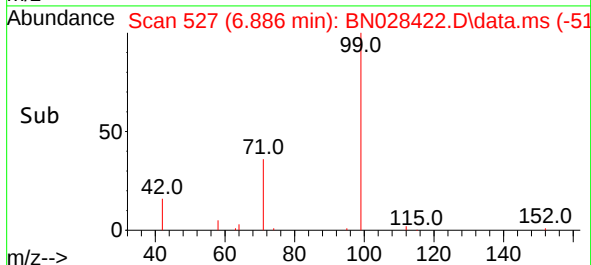
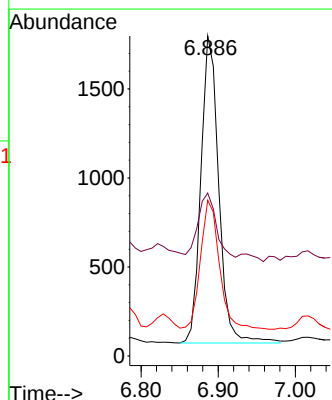
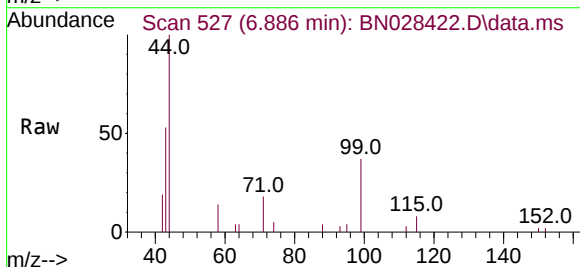
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-200-202

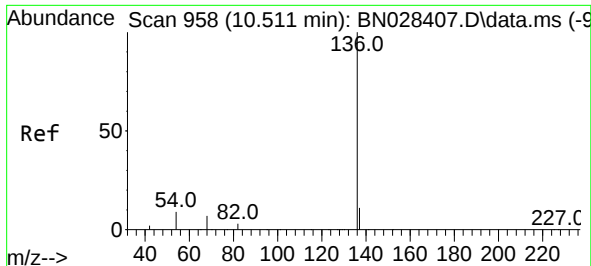
Tgt Ion:112 Resp: 1093
Ion Ratio Lower Upper
112 100
64 55.9 44.3 66.5
63 28.3 22.6 33.8



#5
Phenol-d6
Concen: 0.084 ng
RT: 6.886 min Scan# 527
Delta R.T. -0.002 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

Tgt Ion: 99 Resp: 2780
Ion Ratio Lower Upper
99 100
42 21.1 15.4 23.0
71 44.4 24.4 36.6#

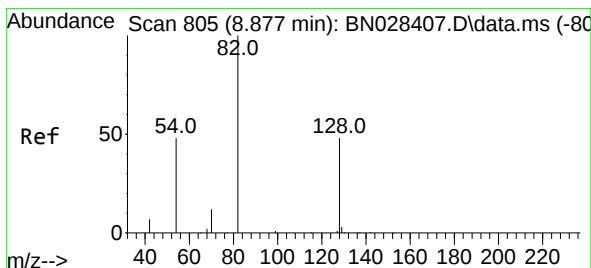
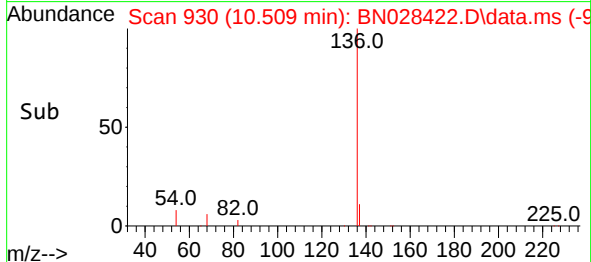
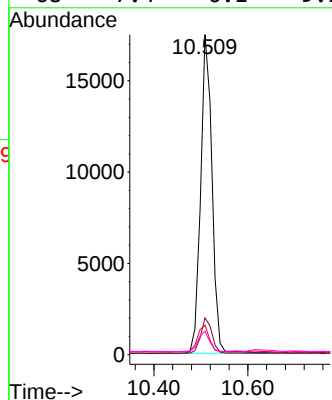
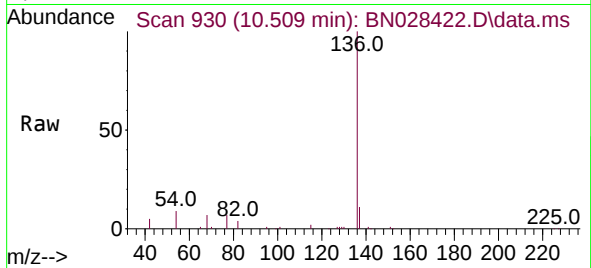




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

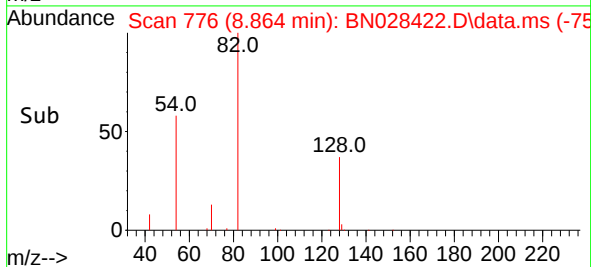
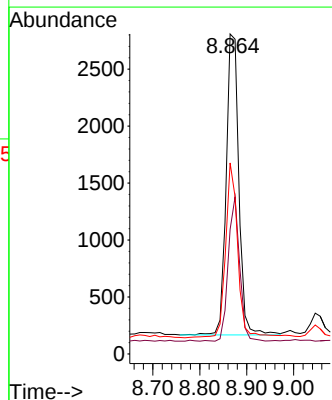
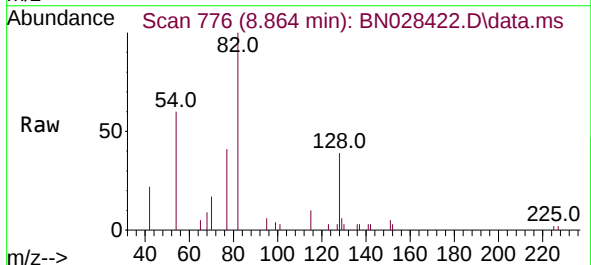
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-200-202

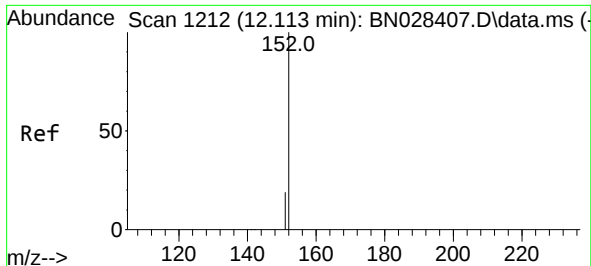
Tgt Ion:	136	Resp:	29326
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	9.3	7.9	11.9
68	7.4	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.013 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

Tgt Ion:	82	Resp:	4962
Ion Ratio	Lower	Upper	
82	100		
128	39.0	38.8	58.2
54	59.7	40.3	60.5

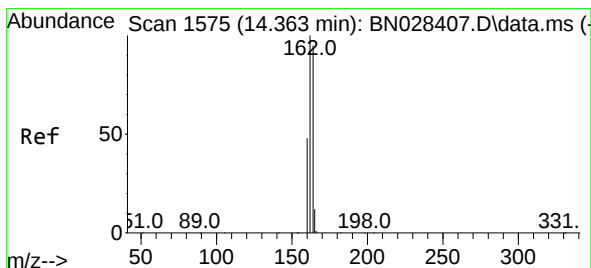
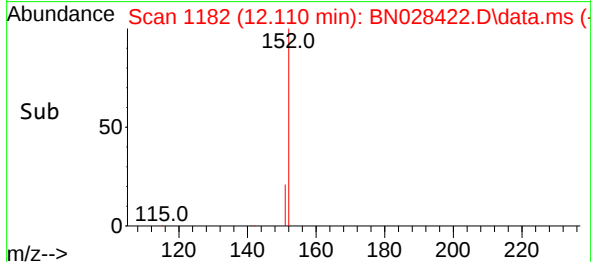
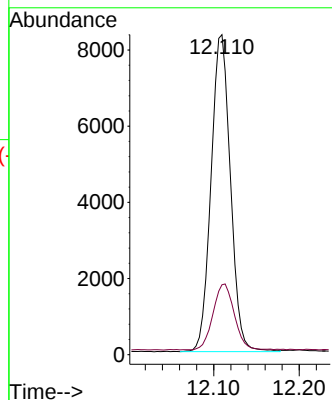
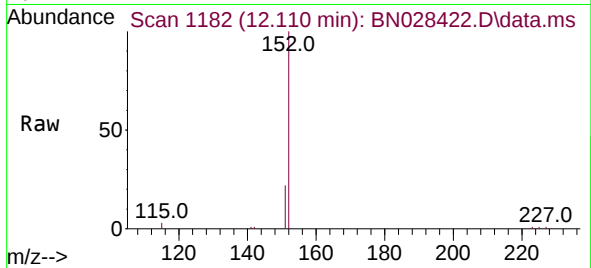




#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.110 min Scan# 1110
Delta R.T. -0.003 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

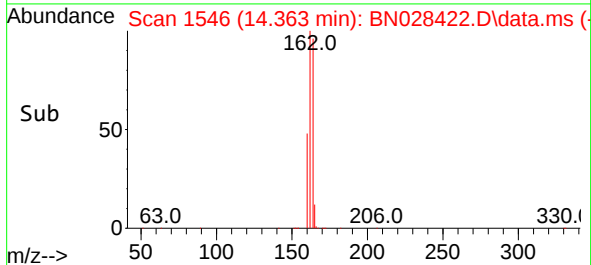
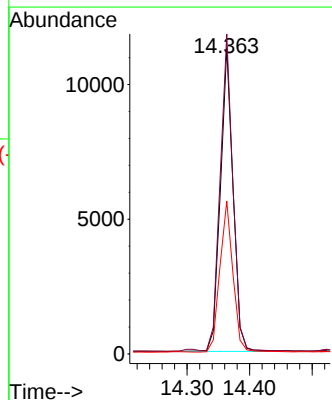
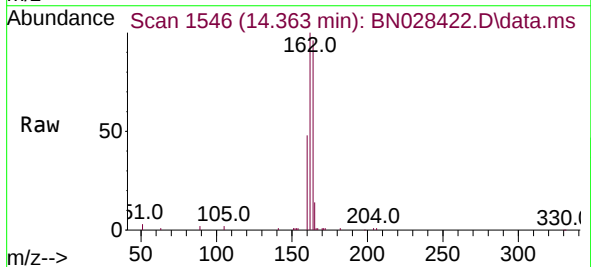
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-200-202

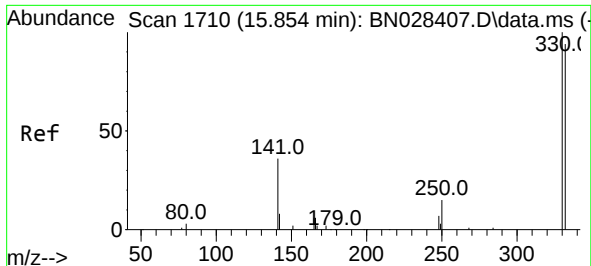
Tgt Ion:152 Resp: 13116
Ion Ratio Lower Upper
152 100
151 22.8 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 1546
Delta R.T. 0.001 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

Tgt Ion:164 Resp: 15936
Ion Ratio Lower Upper
164 100
162 104.4 84.6 127.0
160 49.9 41.3 61.9

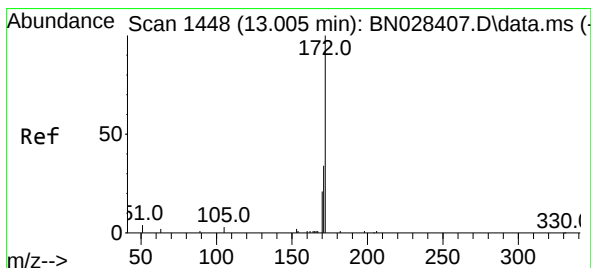
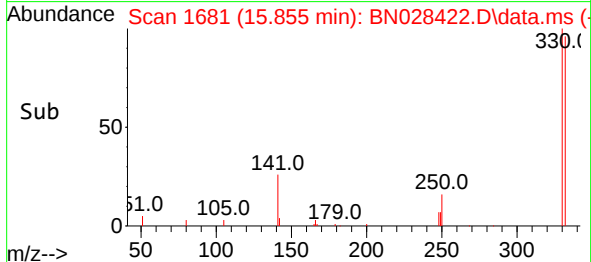
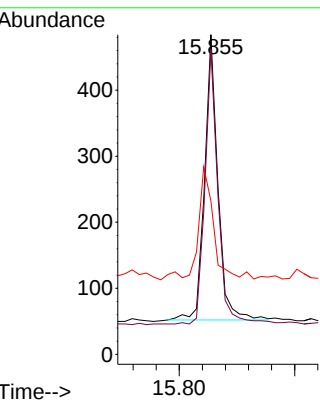
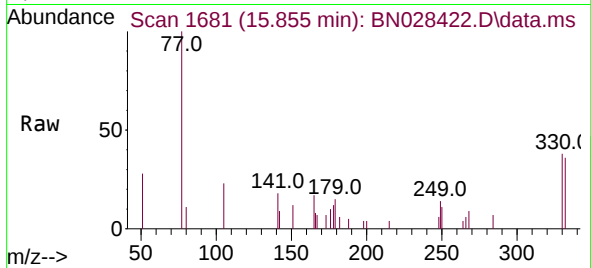




#14
2,4,6-Tribromophenol
Concen: 0.111 ng
RT: 15.855 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

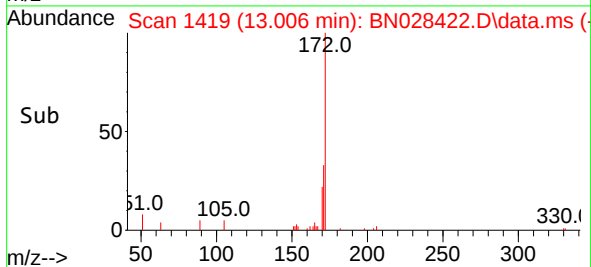
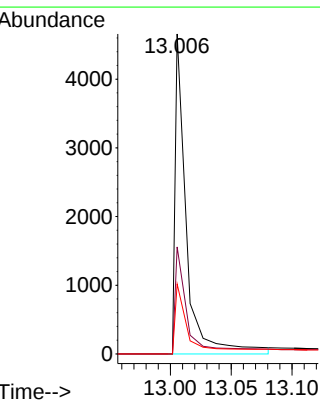
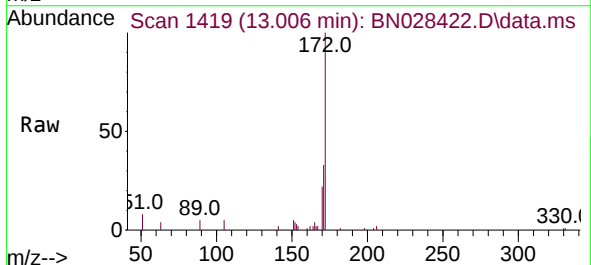
Instrument :
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ClientSampleId :
BP-VPB-188-GW-200-202

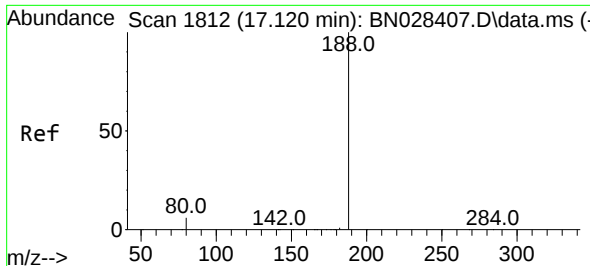
Tgt Ion:330 Resp: 692
Ion Ratio Lower Upper
330 100
332 93.2 76.2 114.2
141 39.3 32.8 49.2



#15
2-Fluorobiphenyl
Concen: 0.180 ng
RT: 13.006 min Scan# 1419
Delta R.T. 0.001 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

Tgt Ion:172 Resp: 3397
Ion Ratio Lower Upper
172 100
171 33.4 27.2 40.8
170 21.8 17.1 25.7

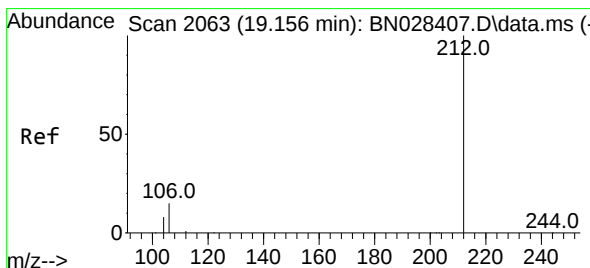
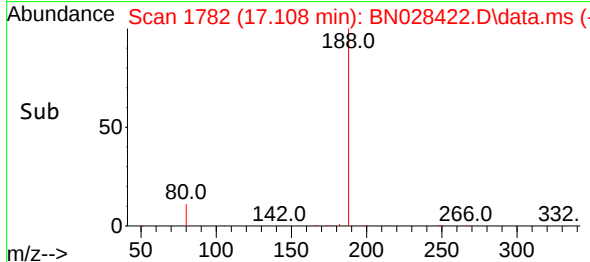
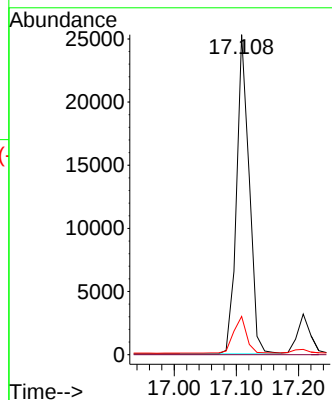
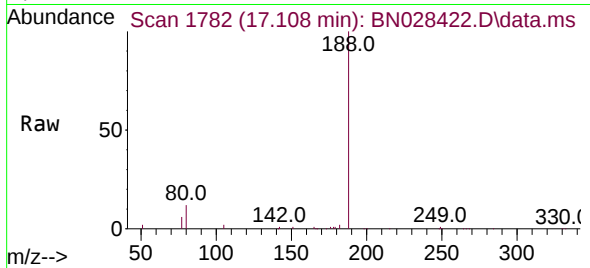




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.108 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

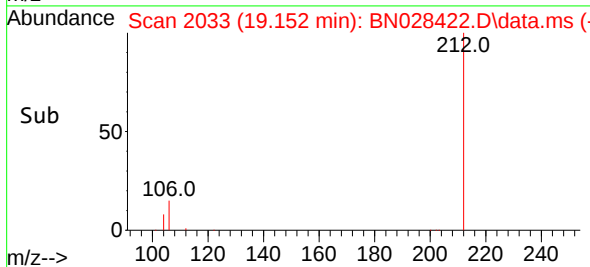
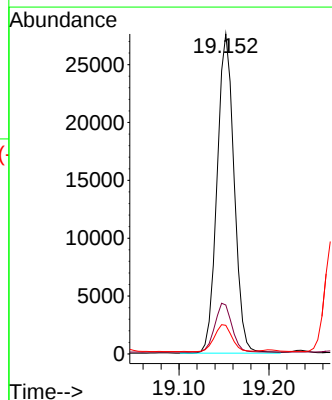
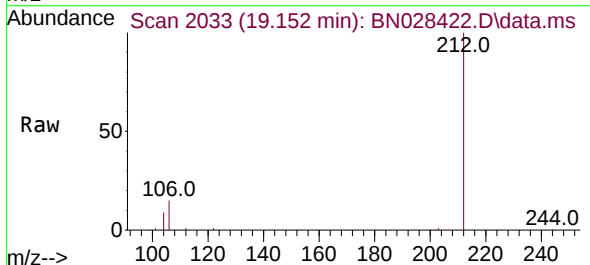
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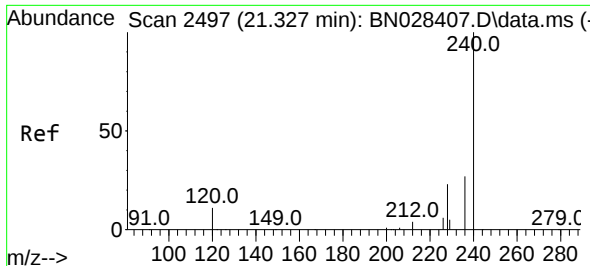
Tgt Ion:188 Resp: 35665
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 5.3 7.9#



#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.152 min Scan# 2033
Delta R.T. -0.004 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

Tgt Ion:212 Resp: 36118
Ion Ratio Lower Upper
212 100
106 15.4 11.9 17.9
104 8.7 6.7 10.1

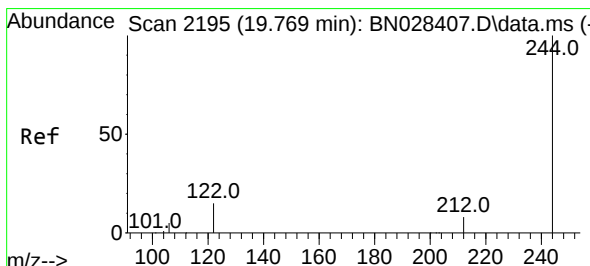
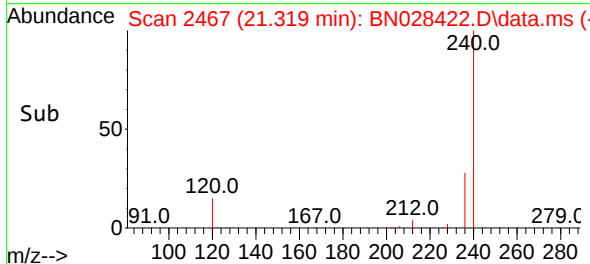
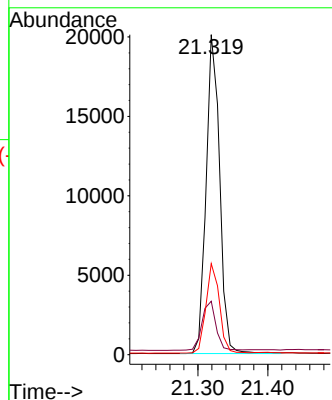
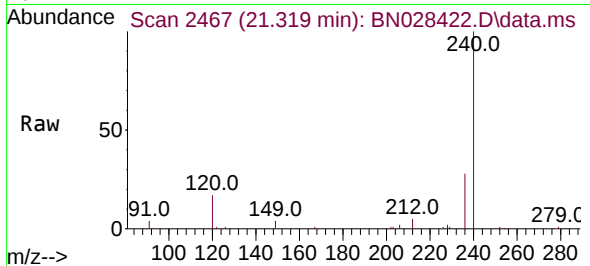




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.319 min Scan# 2497
Delta R.T. -0.008 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

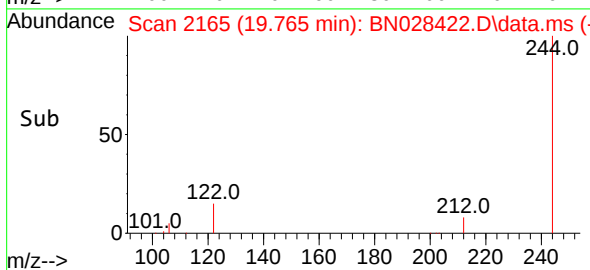
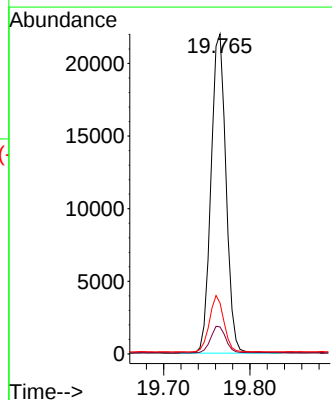
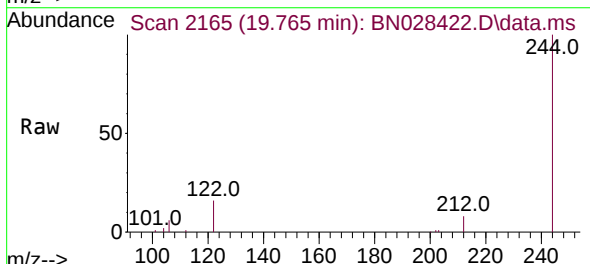
Instrument :
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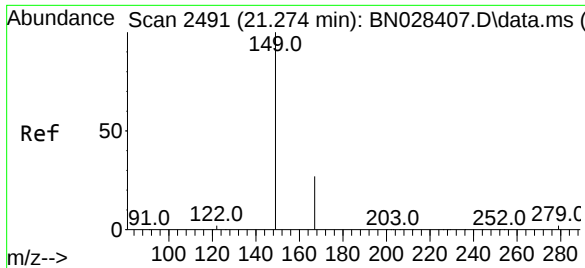
Tgt Ion:240 Resp: 27096
Ion Ratio Lower Upper
240 100
120 16.7 9.8 14.6#
236 28.5 22.2 33.2



#31
Terphenyl-d14
Concen: 0.465 ng
RT: 19.765 min Scan# 2165
Delta R.T. -0.004 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

Tgt Ion:244 Resp: 26535
Ion Ratio Lower Upper
244 100
212 8.5 6.6 10.0
122 15.9 12.6 19.0

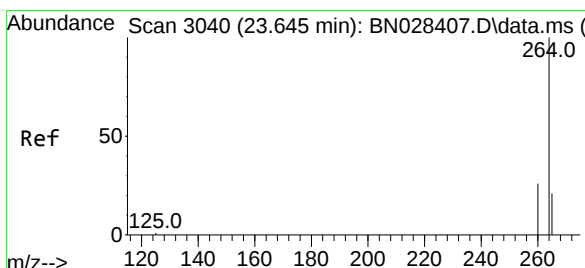
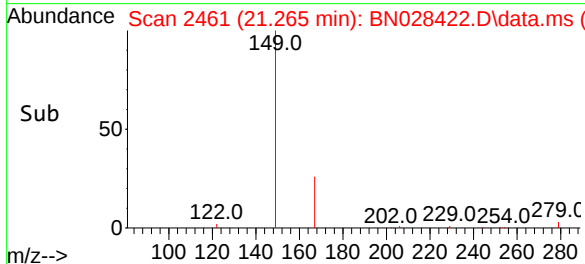
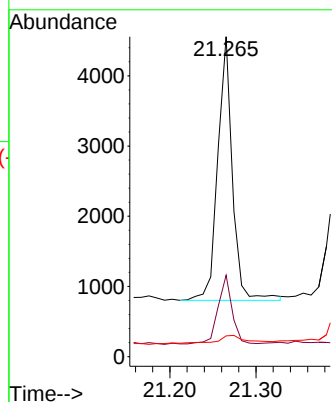
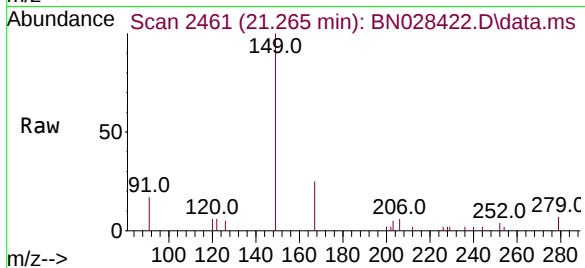




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.265 min Scan# 2491
 Delta R.T. -0.009 min
 Lab File: BN028422.D
 Acq: 02 Nov 2023 15:36

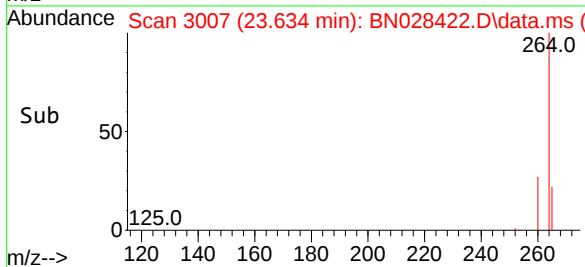
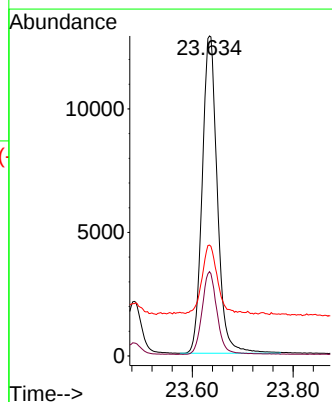
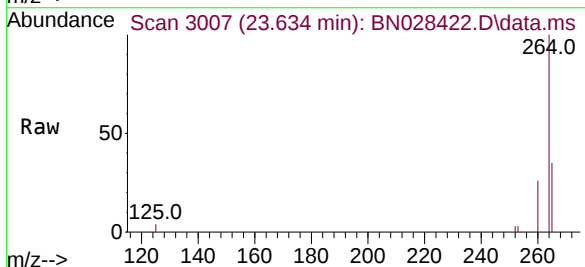
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-200-202

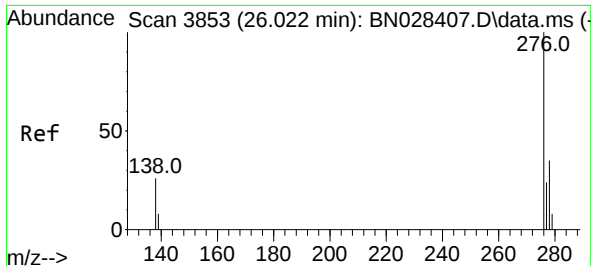
Tgt Ion:149 Resp: 4438
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.4 32.0
 279 6.4 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.634 min Scan# 3007
 Delta R.T. -0.011 min
 Lab File: BN028422.D
 Acq: 02 Nov 2023 15:36

Tgt Ion:264 Resp: 26724
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.8 31.2
 265 34.7 21.7 32.5#

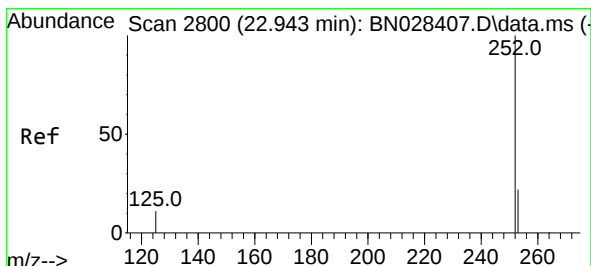
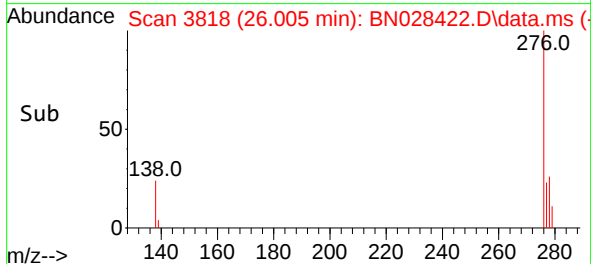
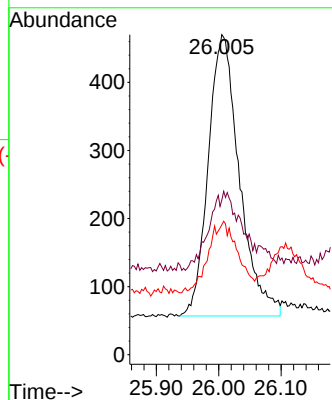
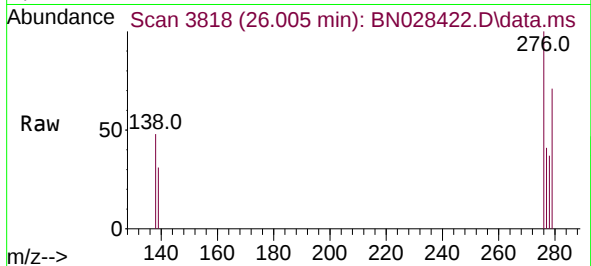




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng
RT: 26.005 min Scan# 31
Delta R.T. -0.017 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-200-202

Tgt Ion:276 Resp: 1435
Ion Ratio Lower Upper
276 100
138 11.1 24.1 36.1#
277 7.3 19.7 29.5#



#37
Benzo(b)fluoranthene
Concen: 0.084 ng
RT: 22.935 min Scan# 2768
Delta R.T. -0.008 min
Lab File: BN028422.D
Acq: 02 Nov 2023 15:36

Tgt Ion:252 Resp: 1781
Ion Ratio Lower Upper
252 100
253 47.7 18.2 27.4#
125 45.3 10.0 15.0#

