

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110623\
 Data File : BN028483.D
 Acq On : 06 Nov 2023 16:57
 Operator : MA/JU
 Sample : 05224-05RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-280-282RE

Quant Time: Nov 06 17:53:20 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)

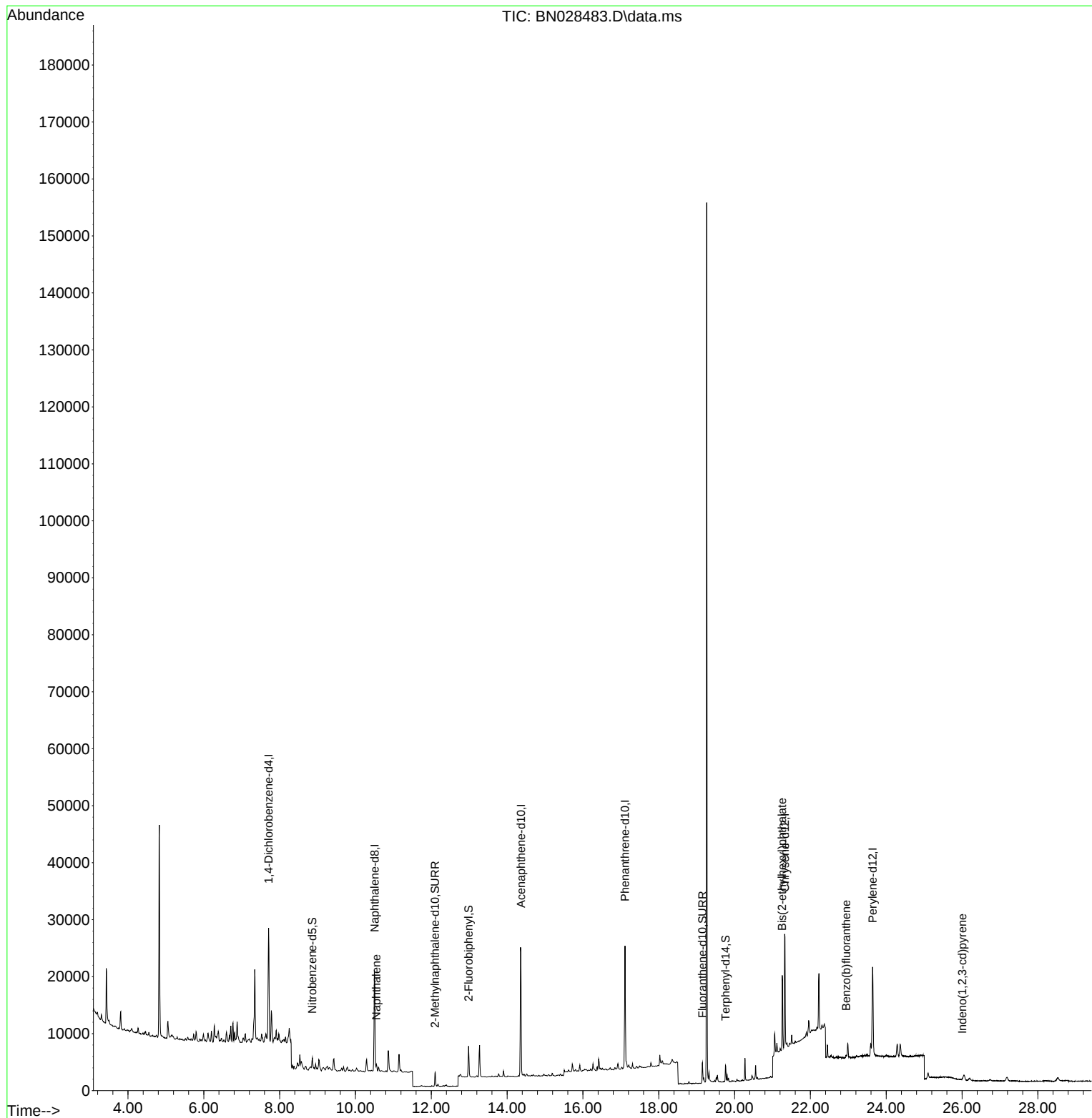
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	8373	0.400	ng	-0.02
7) Naphthalene-d8	10.509	136	25452	0.400	ng	# 0.00
13) Acenaphthene-d10	14.364	164	14278	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	28392	0.400	ng	#-0.01
29) Chrysene-d12	21.329	240	20359	0.400	ng	0.00
35) Perylene-d12	23.640	264	21282	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	99	0.005	ng	0.00
5) Phenol-d6	6.887	99	177	0.006	ng	0.00
8) Nitrobenzene-d5	8.865	82	1631	0.099	ng	-0.01
11) 2-Methylnaphthalene-d10	12.102	152	3260	0.090	ng	-0.01
14) 2,4,6-Tribromophenol	15.856	330	51	0.009	ng	0.00
15) 2-Fluorobiphenyl	12.985	172	4405	0.260	ng	-0.02
27) Fluoranthene-d10	19.153	212	4127	0.059	ng	0.00
31) Terphenyl-d14	19.762	244	2910	0.068	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.552	128	1374	0.020	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.257	149	13040	0.312	ng	# 100
36) Indeno(1,2,3-cd)pyrene	26.009	276	396	0.052	ng	# 49
37) Benzo(b)fluoranthene	22.945	252	637	0.075	ng	# 1

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

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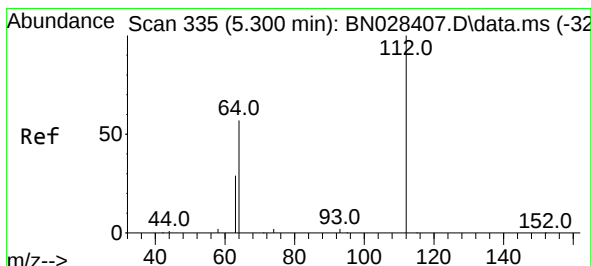
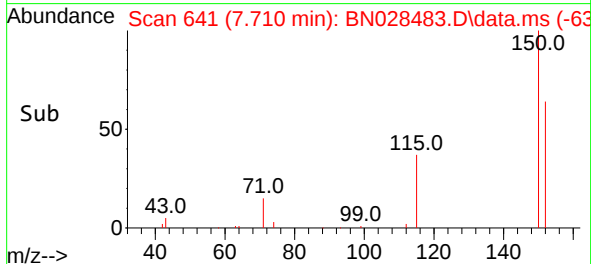
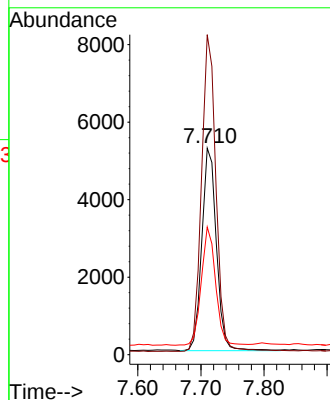
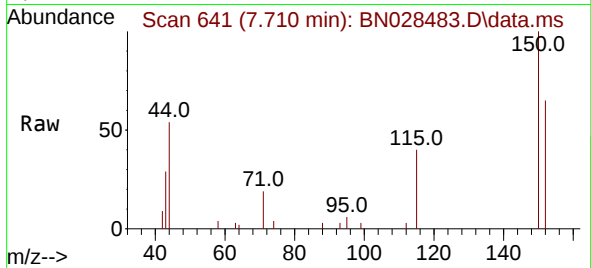




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.017 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

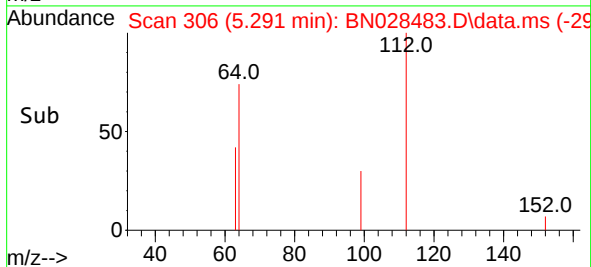
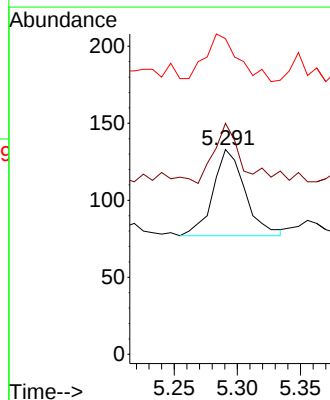
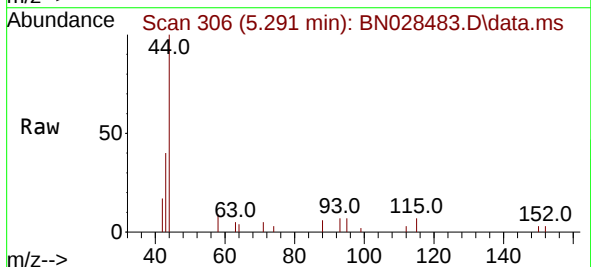
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-280-282RE

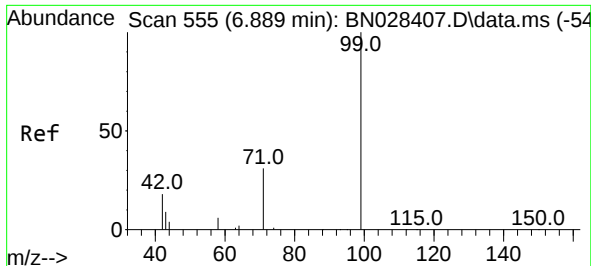
Tgt Ion:152 Resp: 8373
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 61.8 47.0 70.6



#4
2-Fluorophenol
Concen: 0.005 ng
RT: 5.291 min Scan# 306
Delta R.T. -0.009 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

Tgt Ion:112 Resp: 99
Ion Ratio Lower Upper
112 100
64 51.5 44.3 66.5
63 56.6 22.6 33.8#

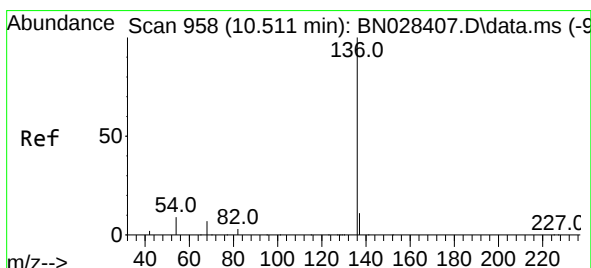
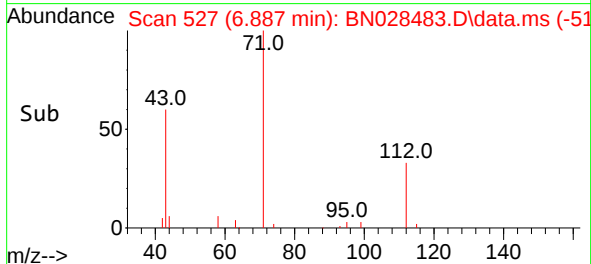
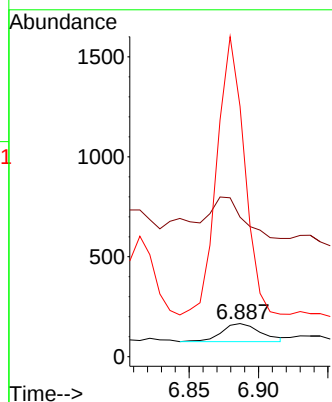
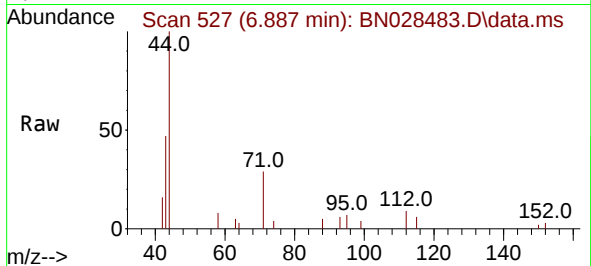




#5
Phenol-d6
Concen: 0.006 ng
RT: 6.887 min Scan# 51
Delta R.T. -0.002 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

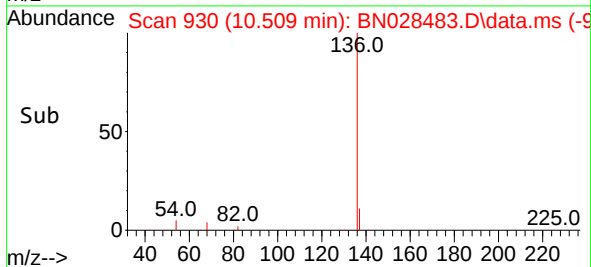
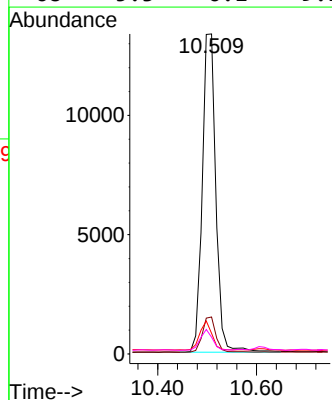
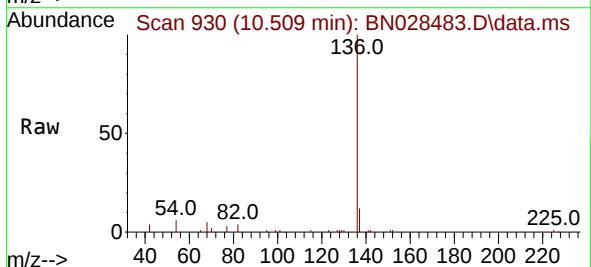
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-280-282RE

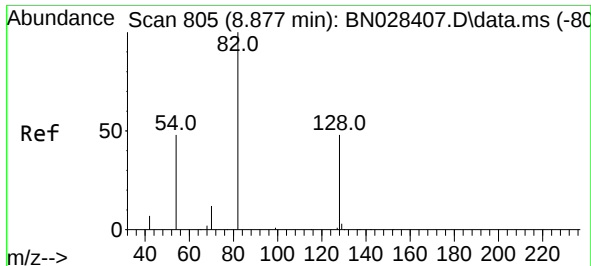
Tgt Ion: 99 Resp: 177
Ion Ratio Lower Upper
99 100
42 183.1 15.4 23.0#
71 1081.9 24.4 36.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.002 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

Tgt Ion: 136 Resp: 25452
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 6.5 7.9 11.9#
68 5.3 6.1 9.1#

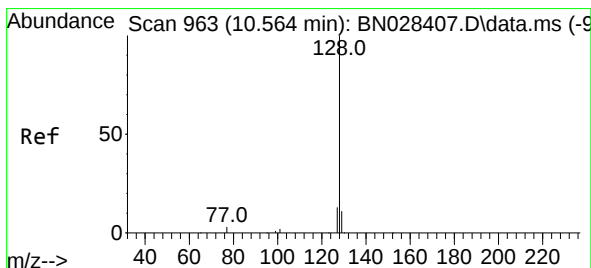
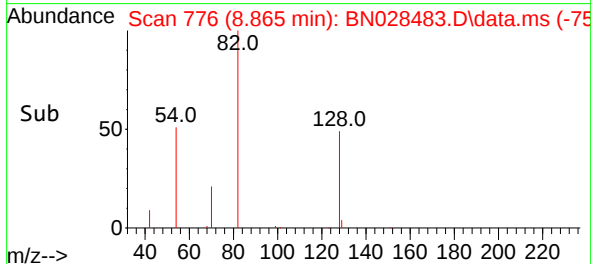
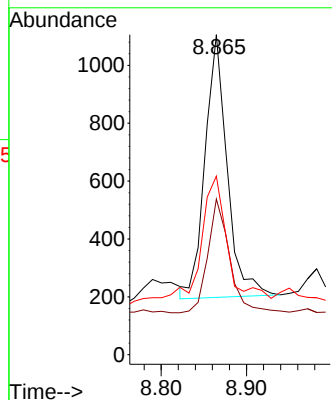
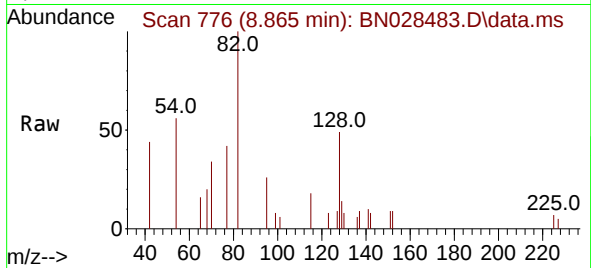




#8
Nitrobenzene-d5
Concen: 0.099 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.013 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

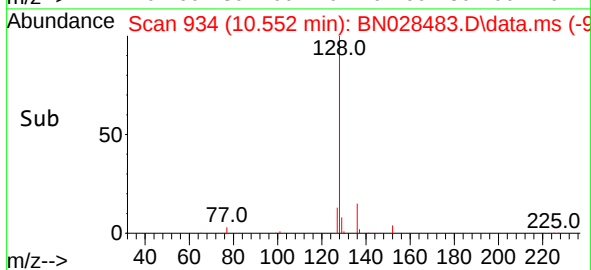
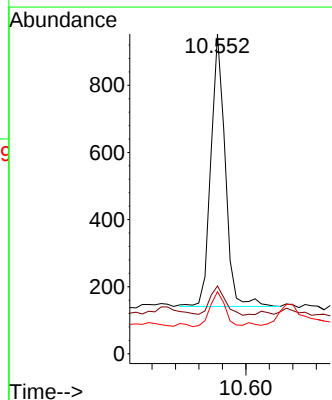
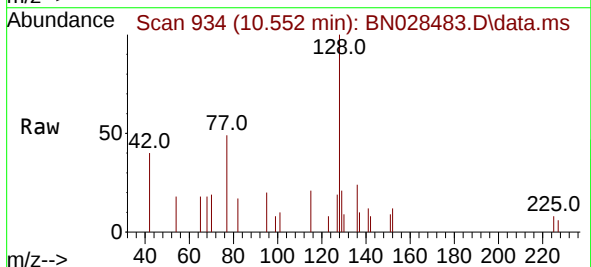
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-280-282RE

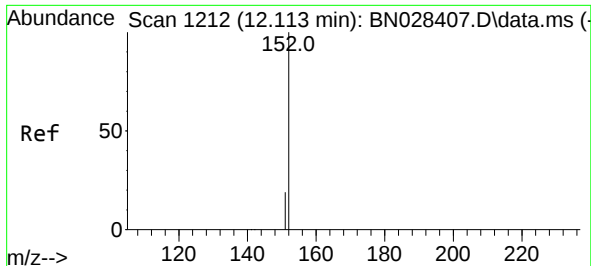
Tgt Ion: 82 Resp: 1631
Ion Ratio Lower Upper
82 100
128 48.6 38.8 58.2
54 55.8 40.3 60.5



#9
Naphthalene
Concen: 0.020 ng
RT: 10.552 min Scan# 934
Delta R.T. -0.013 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

Tgt Ion: 128 Resp: 1374
Ion Ratio Lower Upper
128 100
129 21.2 8.9 13.3#
127 19.4 10.4 15.6#

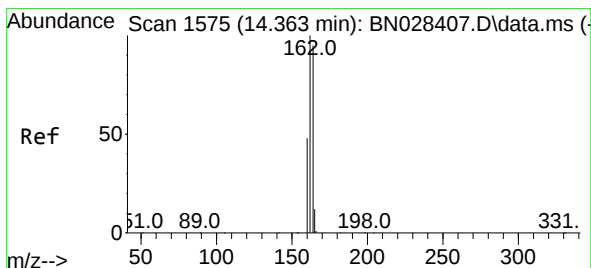
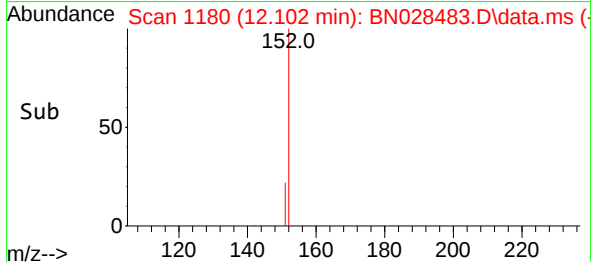
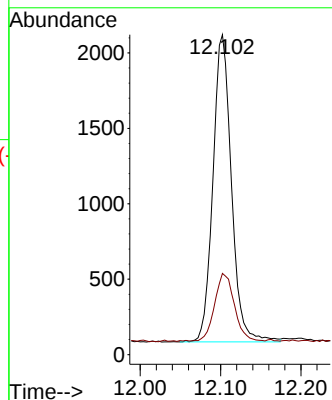
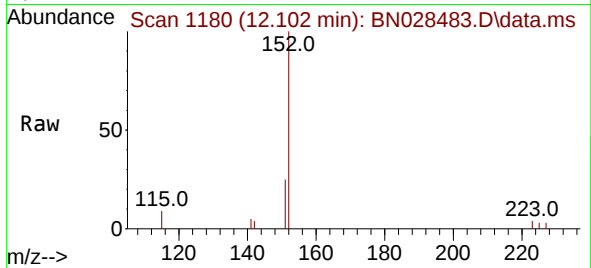




#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 12.102 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

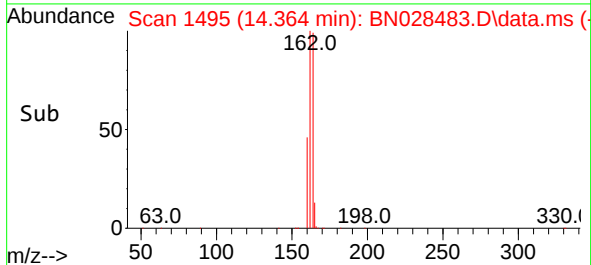
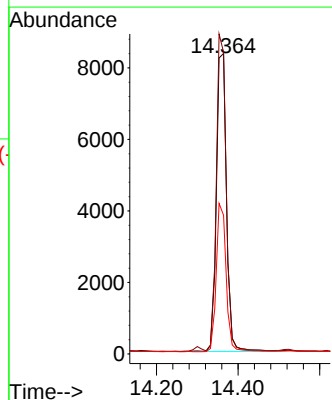
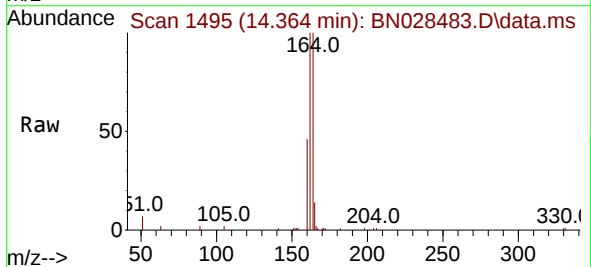
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-280-282RE

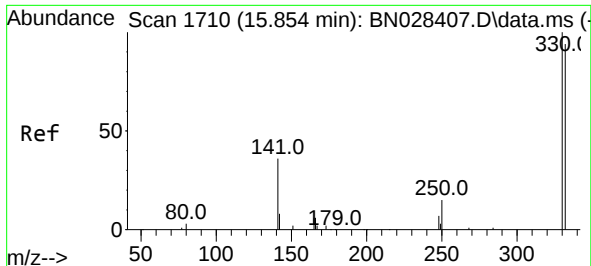
Tgt Ion:152 Resp: 3260
Ion Ratio Lower Upper
152 100
151 23.1 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.364 min Scan# 1495
Delta R.T. 0.002 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

Tgt Ion:164 Resp: 14278
Ion Ratio Lower Upper
164 100
162 100.5 84.6 127.0
160 46.2 41.3 61.9

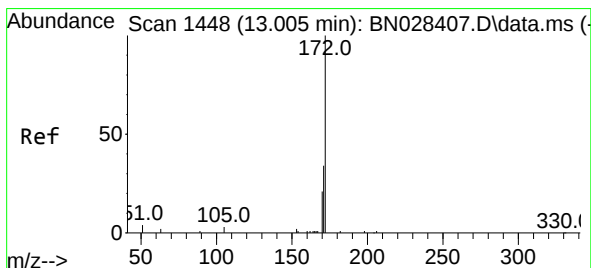
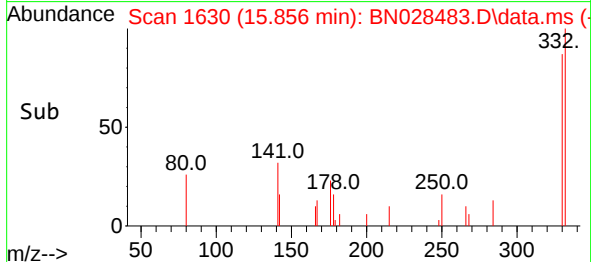
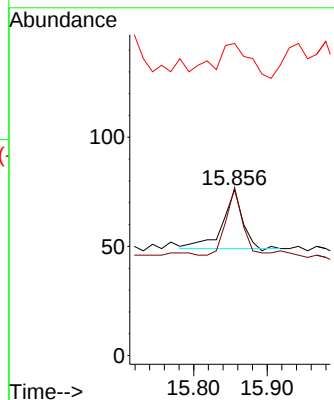
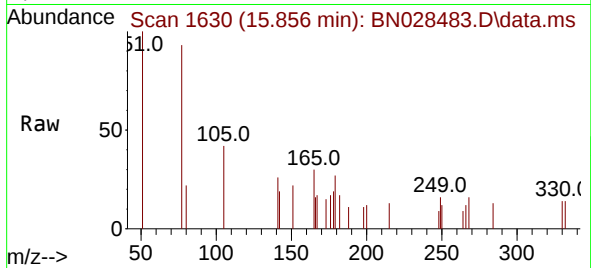




#14
2,4,6-Tribromophenol
Concen: 0.009 ng
RT: 15.856 min Scan# 1
Delta R.T. 0.002 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

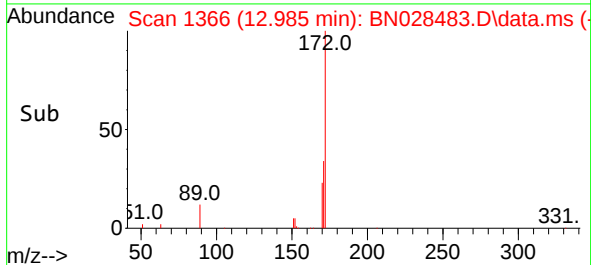
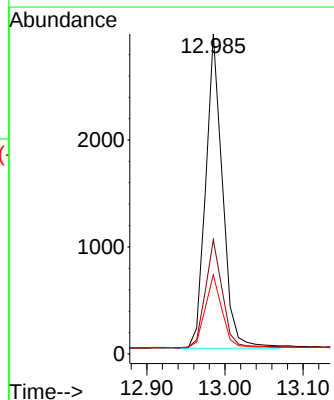
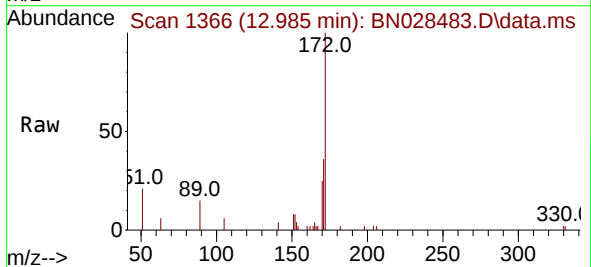
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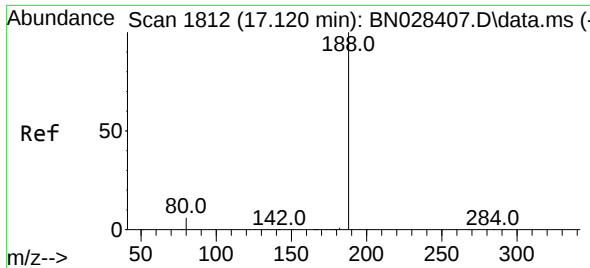
Tgt Ion:330 Resp: 51
Ion Ratio Lower Upper
330 100
332 94.1 76.2 114.2
141 94.1 32.8 49.2#



#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 12.985 min Scan# 1366
Delta R.T. -0.020 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

Tgt Ion:172 Resp: 4405
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 24.7 17.1 25.7

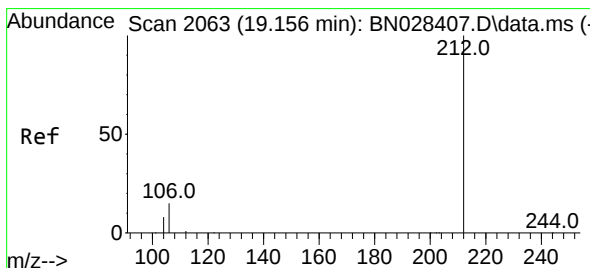
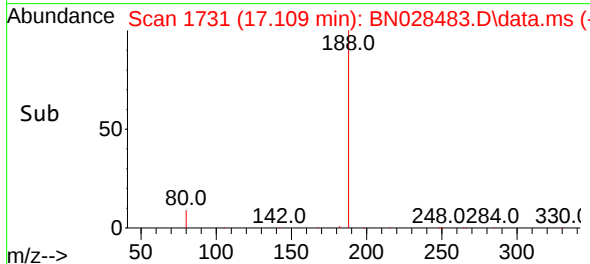
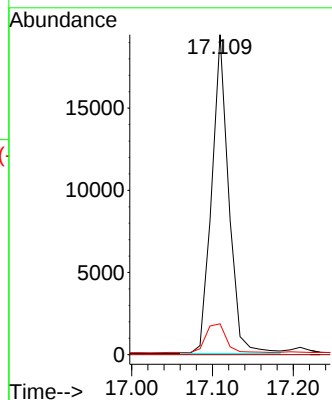
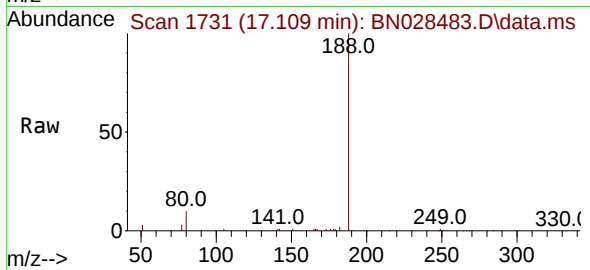




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

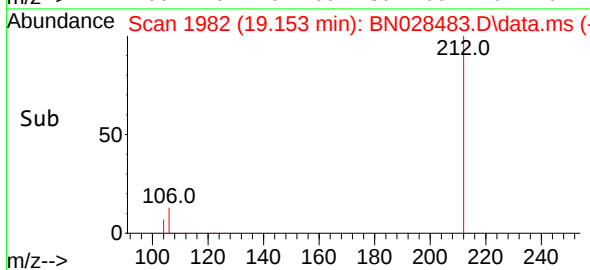
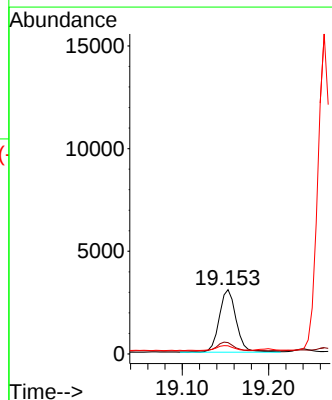
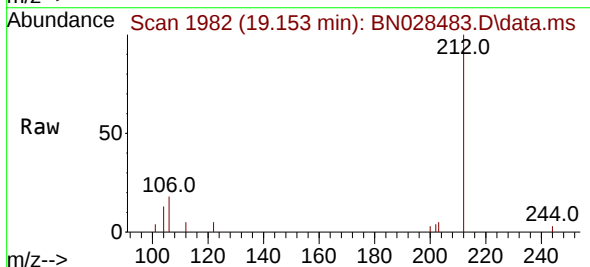
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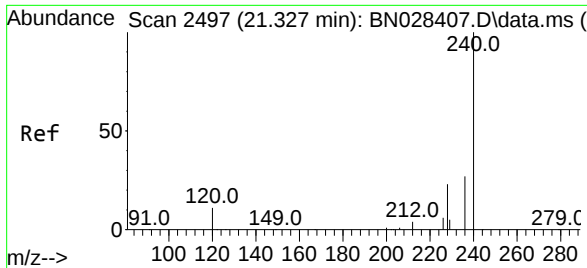
Tgt Ion:188 Resp: 28392
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 5.3 7.9#



#27
Fluoranthene-d10
Concen: 0.059 ng
RT: 19.153 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

Tgt Ion:212 Resp: 4127
Ion Ratio Lower Upper
212 100
106 14.4 11.9 17.9
104 0.0 6.7 10.1#

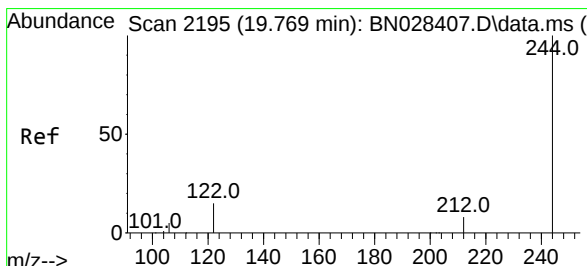
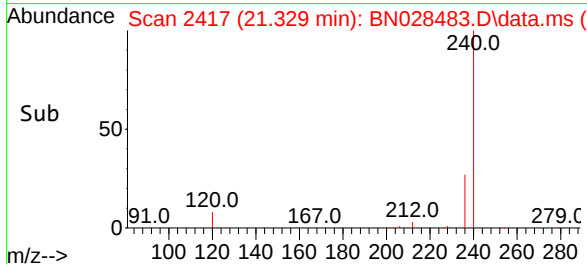
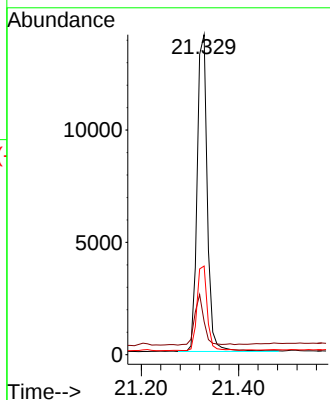
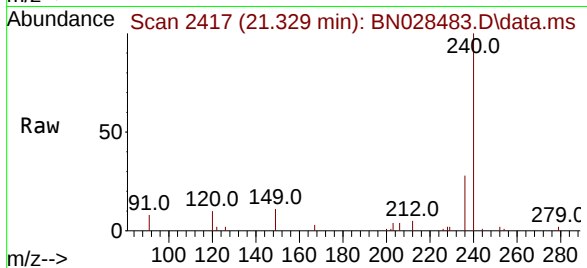




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.329 min Scan# 2497
Delta R.T. 0.002 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

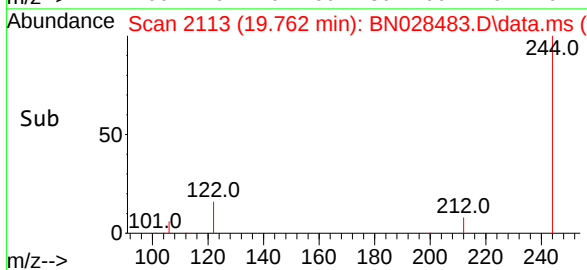
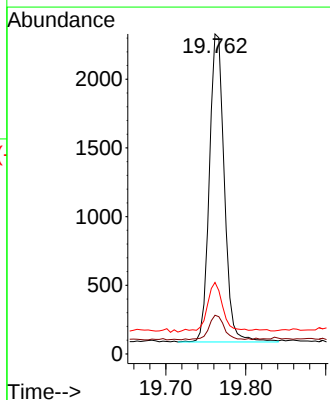
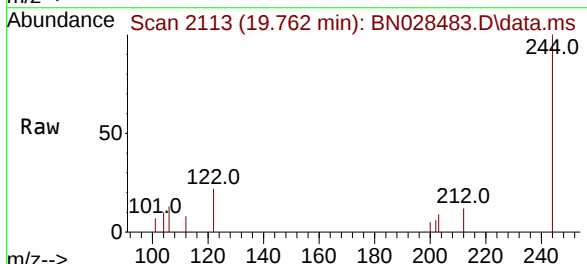
Instrument :
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BP-VPB-188-GW-280-282RE

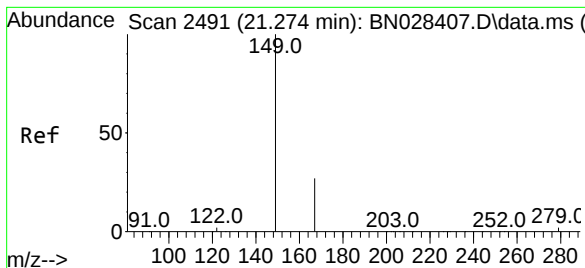
Tgt Ion:240 Resp: 20359
Ion Ratio Lower Upper
240 100
120 10.4 9.8 14.6
236 27.7 22.2 33.2



#31
Terphenyl-d14
Concen: 0.068 ng
RT: 19.762 min Scan# 2113
Delta R.T. -0.008 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

Tgt Ion:244 Resp: 2910
Ion Ratio Lower Upper
244 100
212 12.1 6.6 10.0#
122 22.4 12.6 19.0#

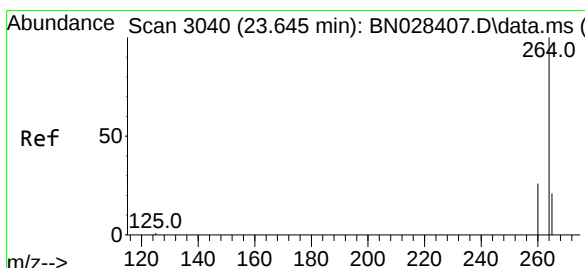
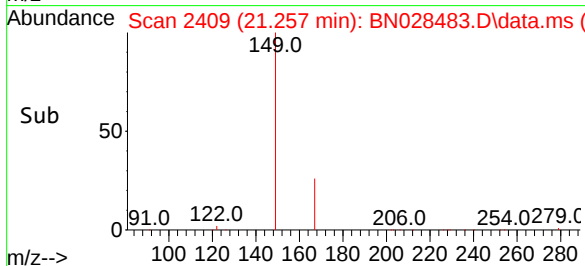
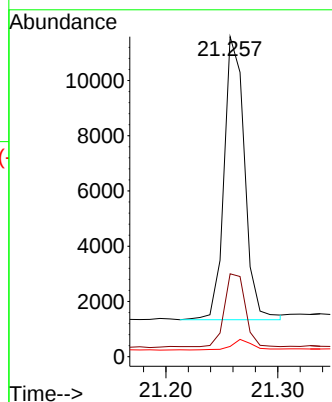
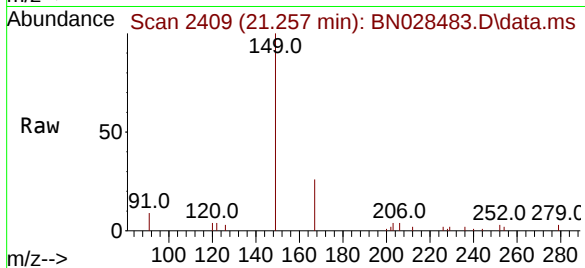




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.312 ng
 RT: 21.257 min Scan# 2409
 Delta R.T. -0.017 min
 Lab File: BN028483.D
 Acq: 06 Nov 2023 16:57

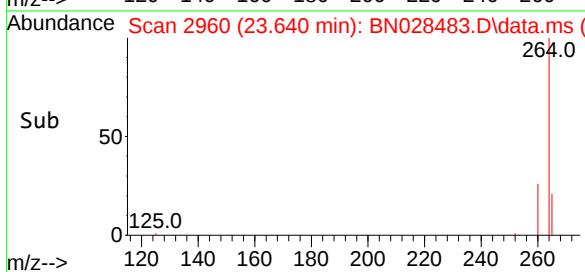
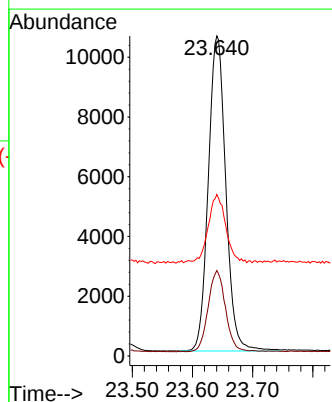
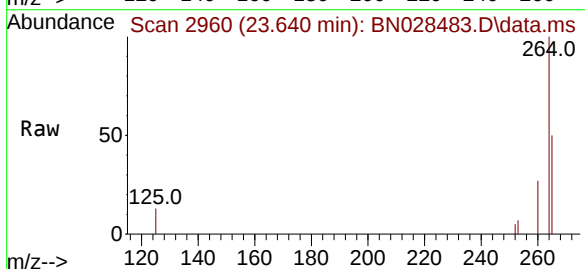
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-280-282RE

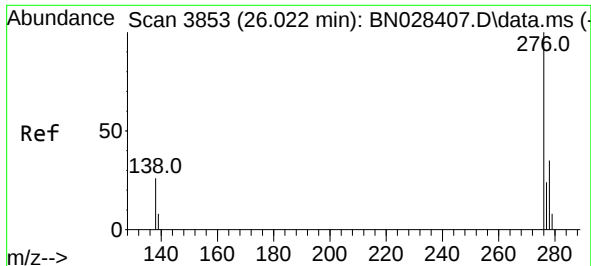
Tgt Ion:149 Resp: 13040
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.4 32.0
 279 4.0 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.640 min Scan# 2960
 Delta R.T. -0.004 min
 Lab File: BN028483.D
 Acq: 06 Nov 2023 16:57

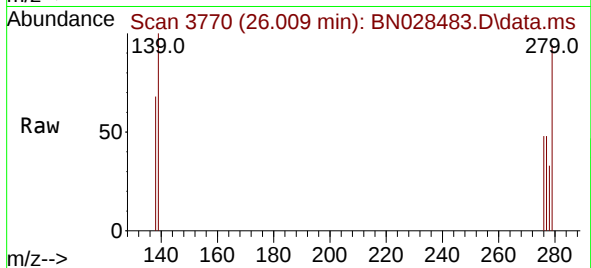
Tgt Ion:264 Resp: 21282
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.8 31.2
 265 50.4 21.7 32.5#



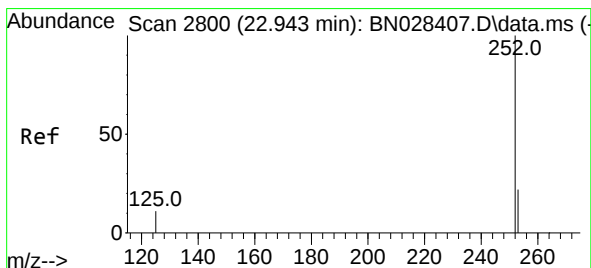
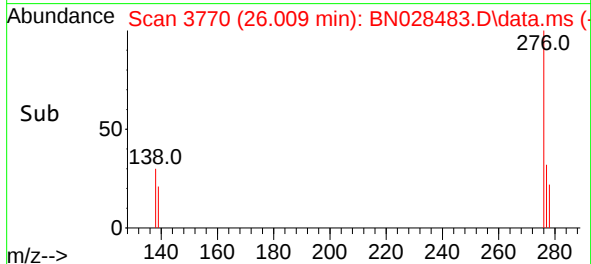
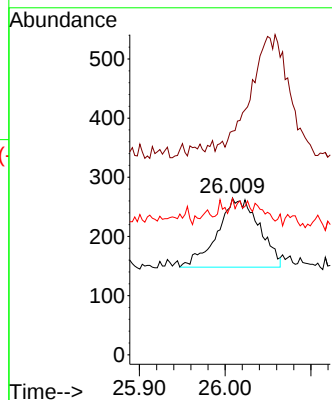


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng
RT: 26.009 min Scan# 31
Delta R.T. -0.013 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-280-282RE



Tgt Ion:276 Resp: 396
Ion Ratio Lower Upper
276 100
138 0.0 24.1 36.1#
277 2.0 19.7 29.5#



#37
Benzo(b)fluoranthene
Concen: 0.075 ng
RT: 22.945 min Scan# 2722
Delta R.T. 0.002 min
Lab File: BN028483.D
Acq: 06 Nov 2023 16:57

Tgt Ion:252 Resp: 637
Ion Ratio Lower Upper
252 100
253 99.1 18.2 27.4#
125 167.0 10.0 15.0#

