

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
 Data File : BN028470.D
 Acq On : 04 Nov 2023 12:23
 Operator : MA/JU
 Sample : 05224-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-220-222

Quant Time: Nov 06 04:44:55 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)

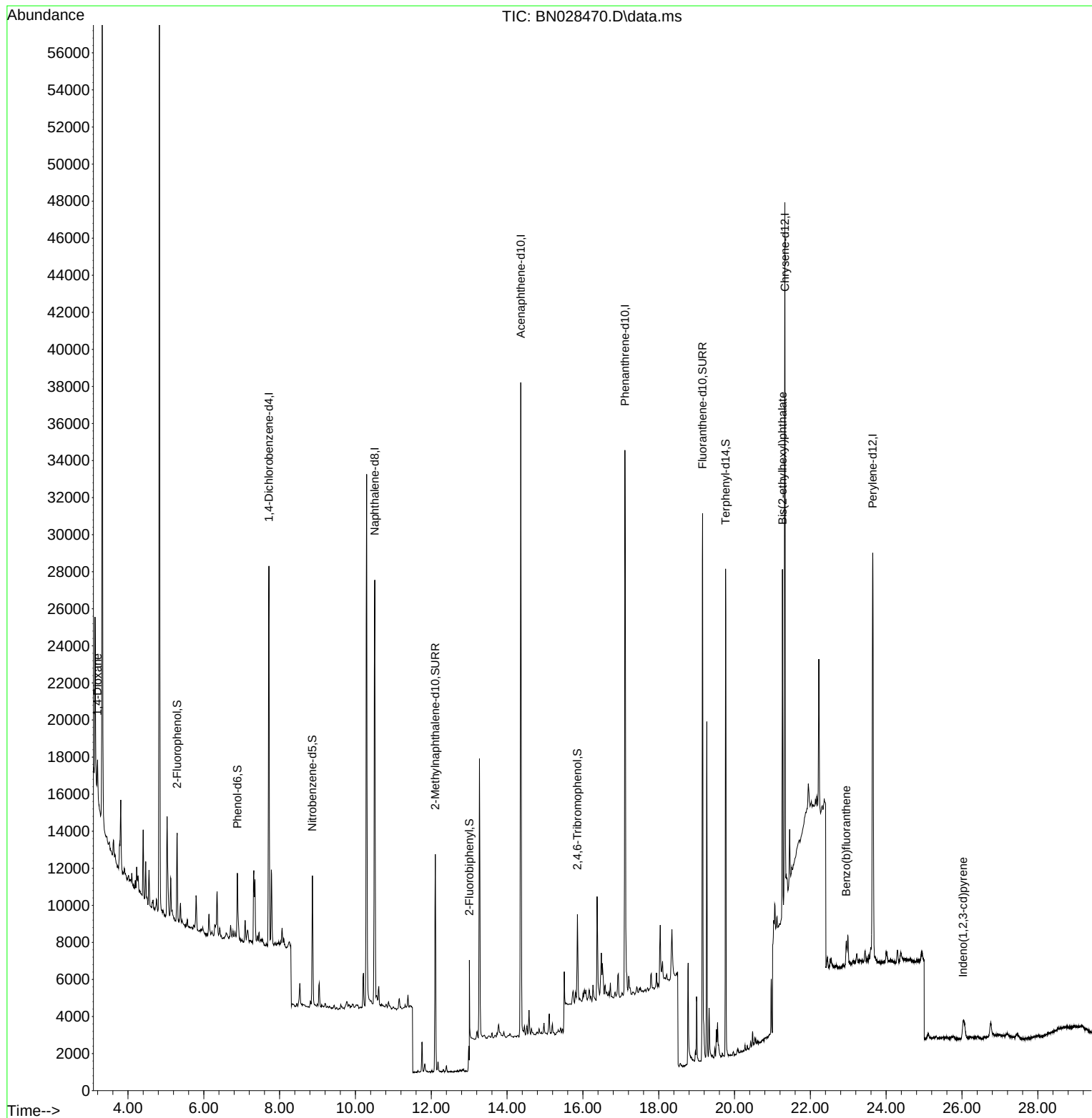
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	9614	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	30134	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	18646	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	41747	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	31938	0.400	ng	0.00
35) Perylene-d12	23.646	264	29112	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	3823	0.152	ng	0.00
5) Phenol-d6	6.887	99	3075	0.097	ng	0.00
8) Nitrobenzene-d5	8.865	82	5472	0.281	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	13281	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	2816	0.387	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	2231	0.101	ng	0.00
27) Fluoranthene-d10	19.157	212	31787	0.308	ng	0.00
31) Terphenyl-d14	19.765	244	24341	0.362	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.196	88	1194	0.112	ng	# 45
34) Bis(2-ethylhexyl)phtha...	21.266	149	16246	0.248	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.028	276	1555	0.061	ng	# 71
37) Benzo(b)fluoranthene	22.947	252	2068	0.085	ng	# 1

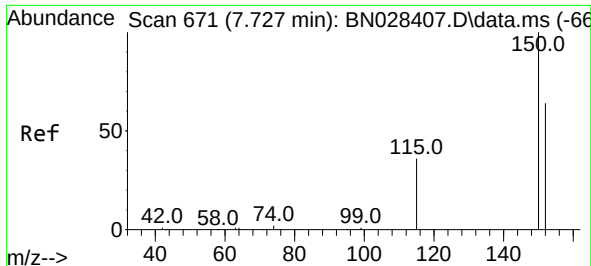
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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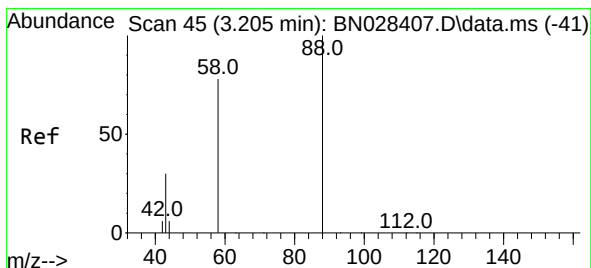
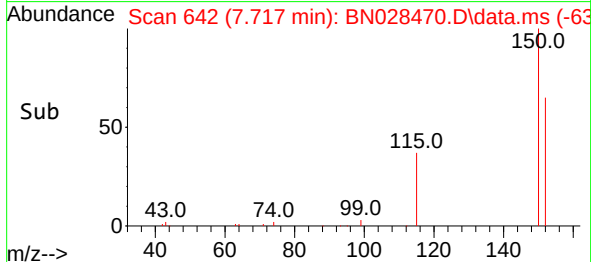
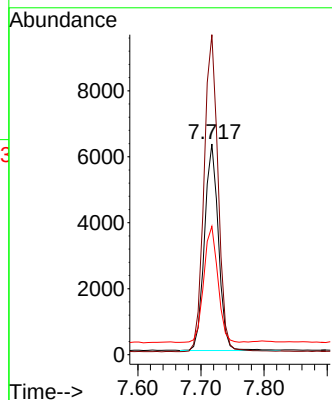
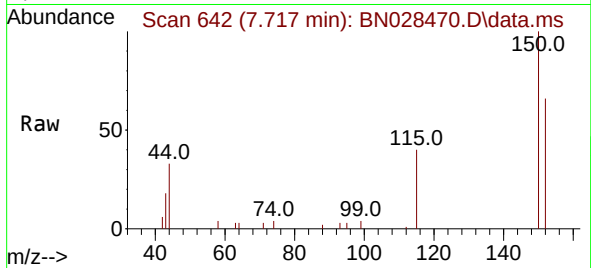




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.010 min
 Lab File: BN028470.D
 Acq: 04 Nov 2023 12:23

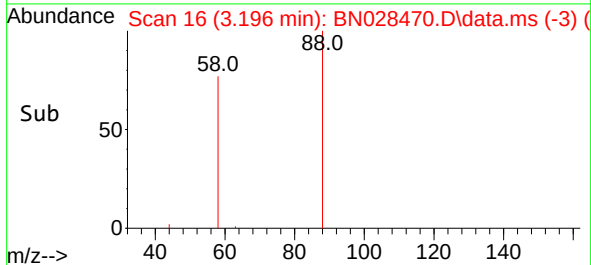
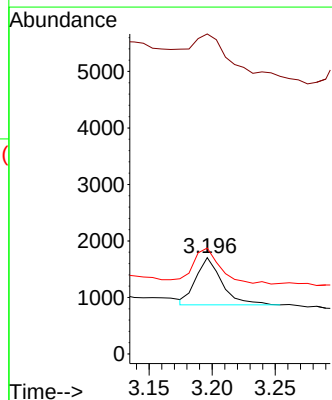
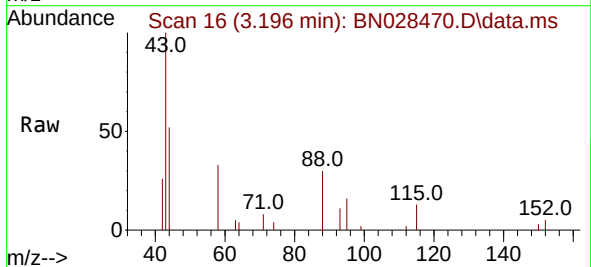
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-220-222

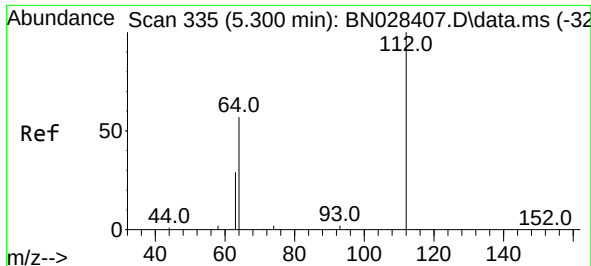
Tgt Ion:152 Resp: 9614
 Ion Ratio Lower Upper
 152 100
 150 151.9 123.8 185.6
 115 60.9 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.112 ng
 RT: 3.196 min Scan# 16
 Delta R.T. -0.009 min
 Lab File: BN028470.D
 Acq: 04 Nov 2023 12:23

Tgt Ion: 88 Resp: 1194
 Ion Ratio Lower Upper
 88 100
 43 124.9 24.3 36.5#
 58 80.4 59.8 89.6

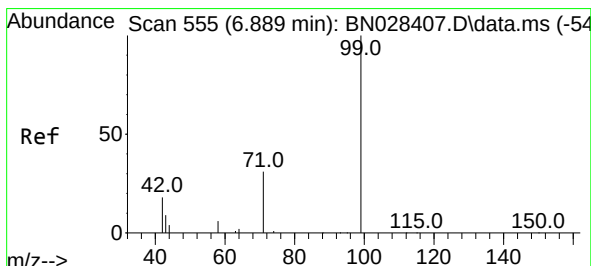
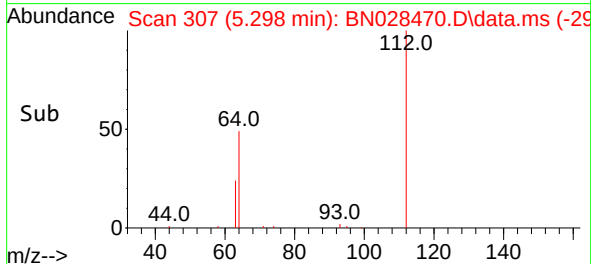
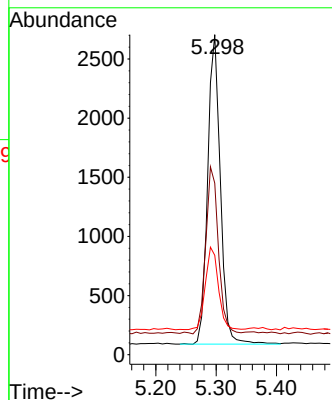
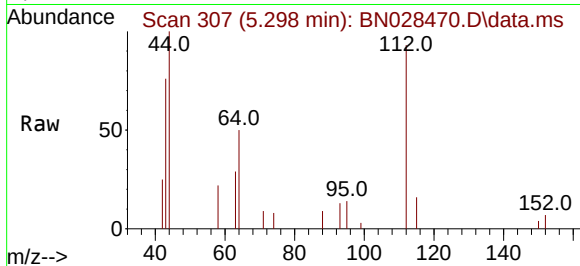




#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.002 min
Lab File: BN028470.D
Acq: 04 Nov 2023 12:23

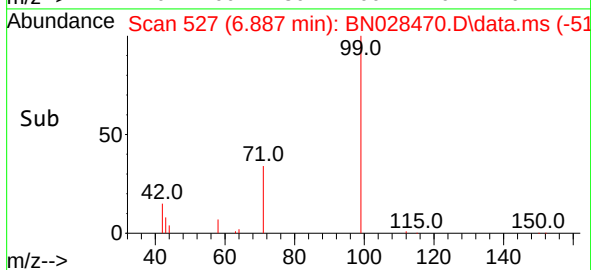
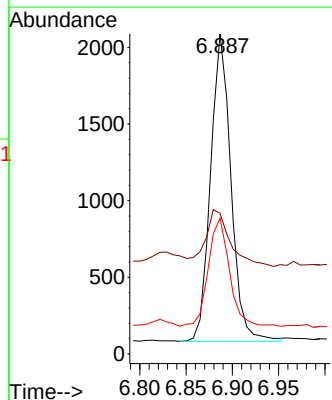
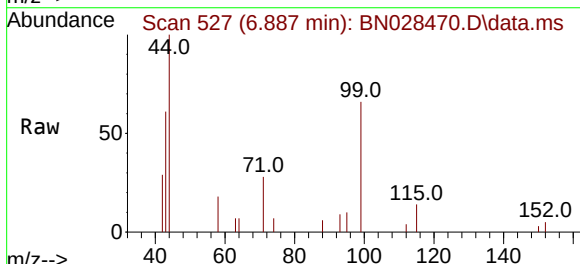
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-220-222

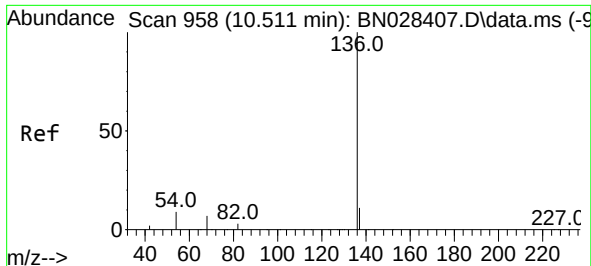
Tgt Ion:	112	Resp:	3823
Ion	Ratio	Lower	Upper
112	100		
64	53.6	44.3	66.5
63	27.3	22.6	33.8



#5
Phenol-d6
Concen: 0.097 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.002 min
Lab File: BN028470.D
Acq: 04 Nov 2023 12:23

Tgt Ion:	99	Resp:	3075
Ion	Ratio	Lower	Upper
99	100		
42	22.2	15.4	23.0
71	36.5	24.4	36.6

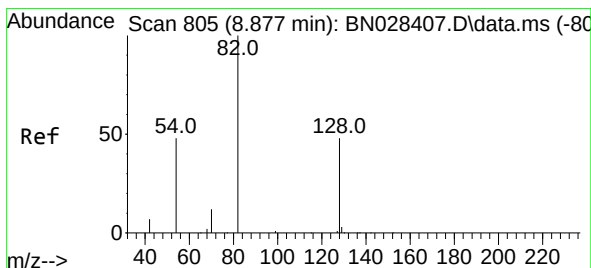
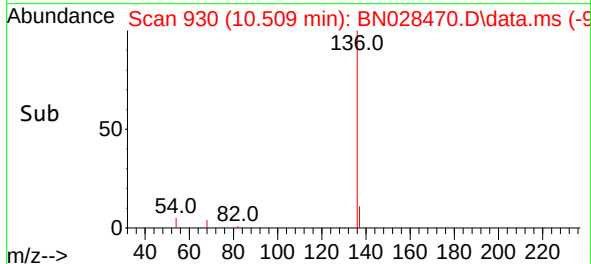
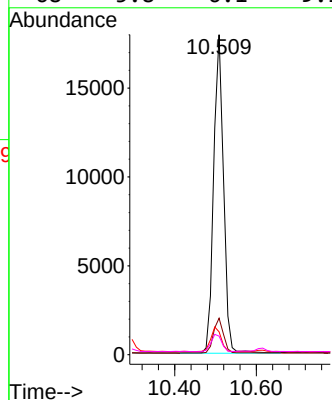
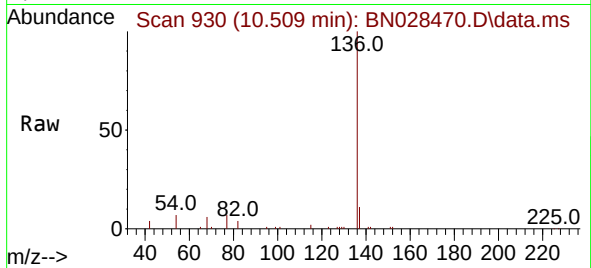




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN028470.D
Acq: 04 Nov 2023 12:23

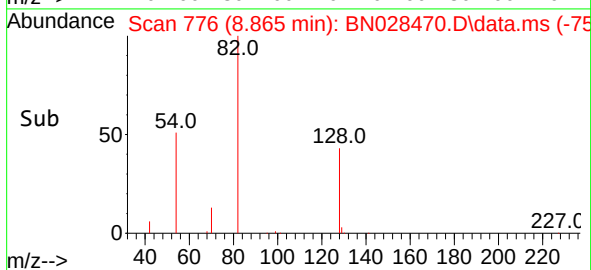
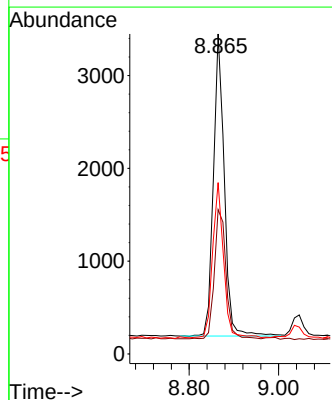
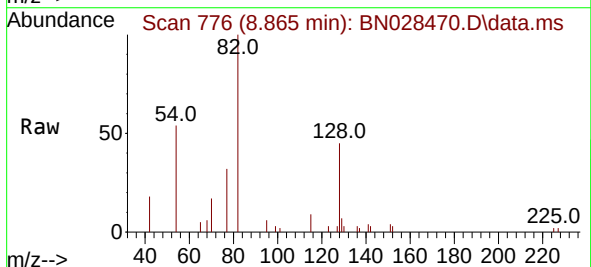
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-220-222

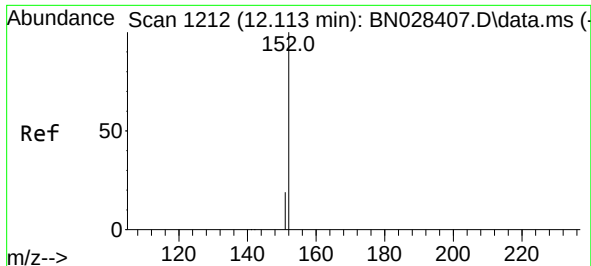
Tgt Ion:	136	Resp:	30134
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	7.1	7.9	11.9#
68	5.8	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.013 min
Lab File: BN028470.D
Acq: 04 Nov 2023 12:23

Tgt Ion:	82	Resp:	5472
Ion Ratio	Lower	Upper	
82	100		
128	45.1	38.8	58.2
54	53.6	40.3	60.5

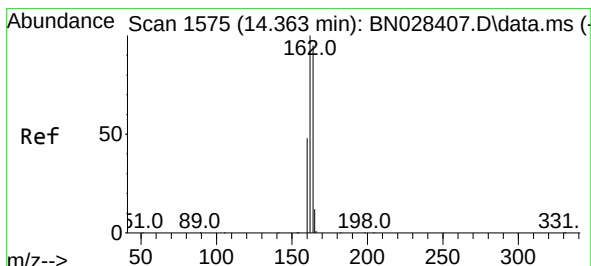
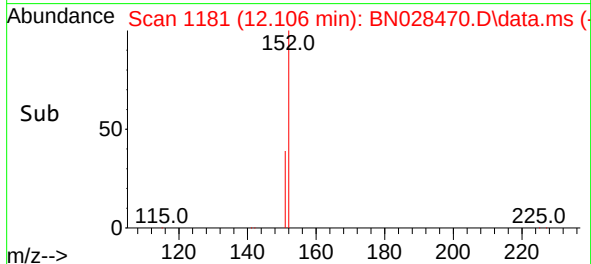
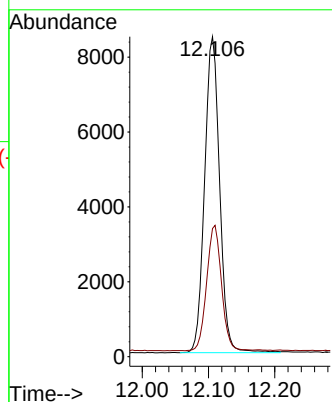
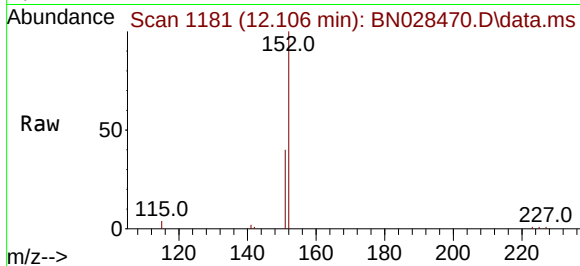




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.106 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BN028470.D
Acq: 04 Nov 2023 12:23

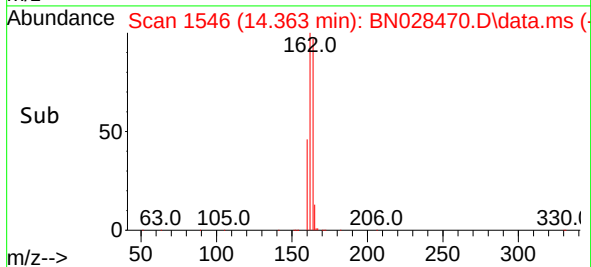
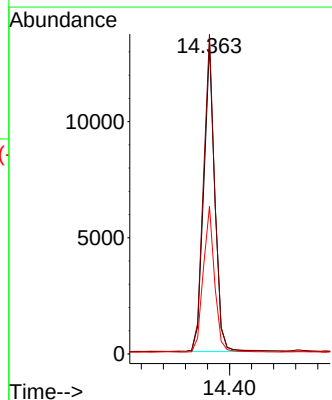
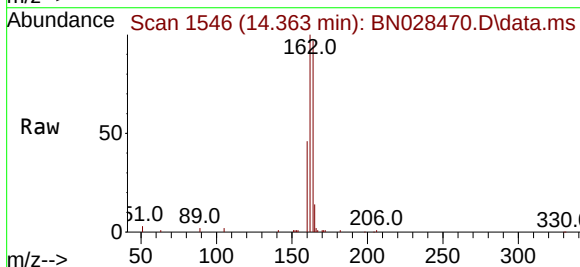
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-220-222

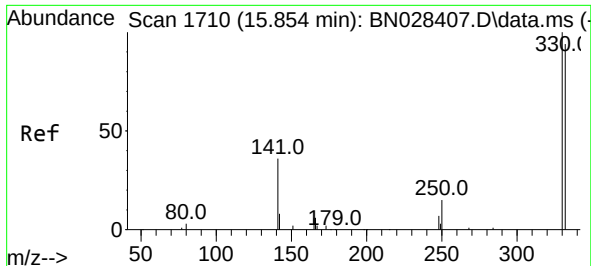
Tgt Ion:152 Resp: 13281
Ion Ratio Lower Upper
152 100
151 39.3 16.4 24.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 1546
Delta R.T. 0.001 min
Lab File: BN028470.D
Acq: 04 Nov 2023 12:23

Tgt Ion:164 Resp: 18646
Ion Ratio Lower Upper
164 100
162 103.5 84.6 127.0
160 47.8 41.3 61.9

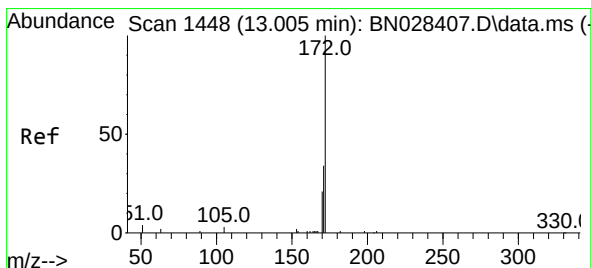
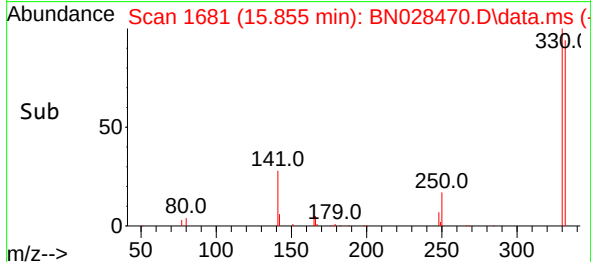
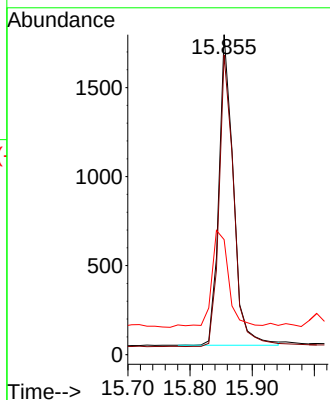
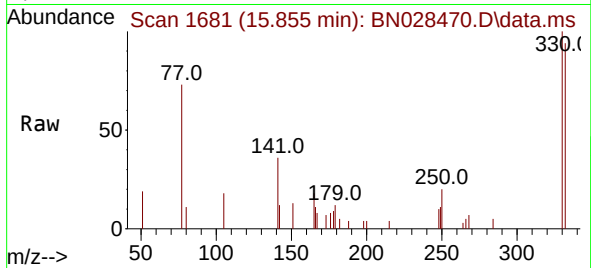




#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.855 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN028470.D
Acq: 04 Nov 2023 12:23

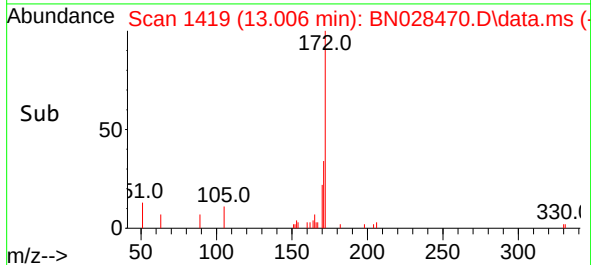
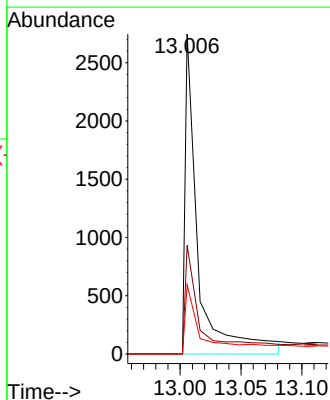
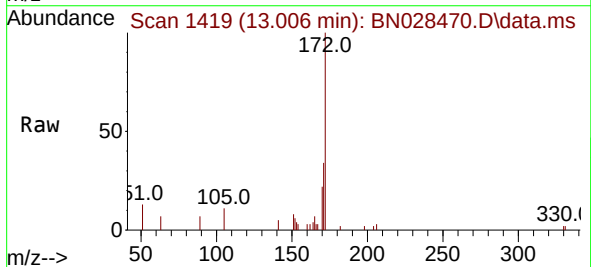
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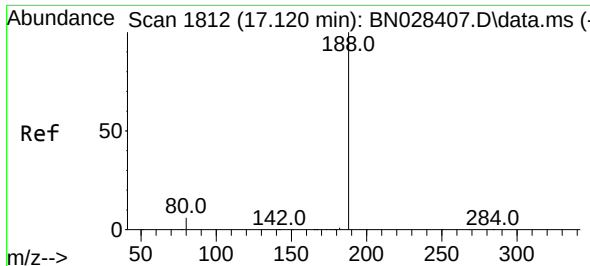
Tgt Ion: 330 Resp: 2816
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.2
141 34.0 32.8 49.2



#15
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 13.006 min Scan# 1419
Delta R.T. 0.001 min
Lab File: BN028470.D
Acq: 04 Nov 2023 12:23

Tgt Ion: 172 Resp: 2231
Ion Ratio Lower Upper
172 100
171 34.0 27.2 40.8
170 21.6 17.1 25.7

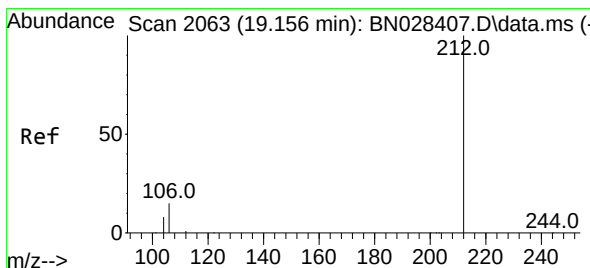
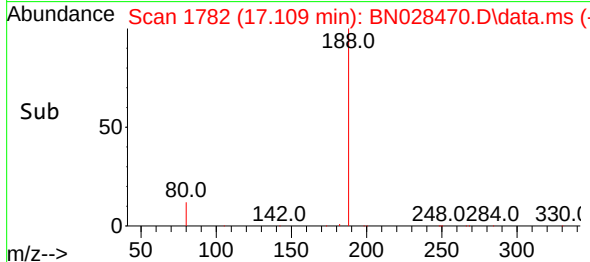
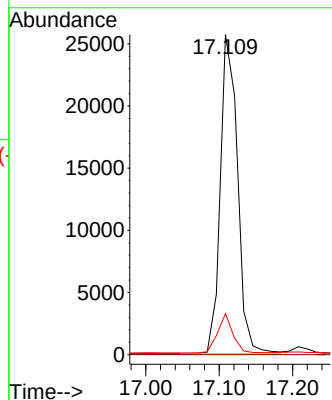
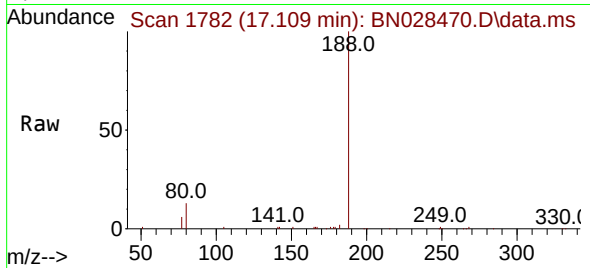




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028470.D
Acq: 04 Nov 2023 12:23

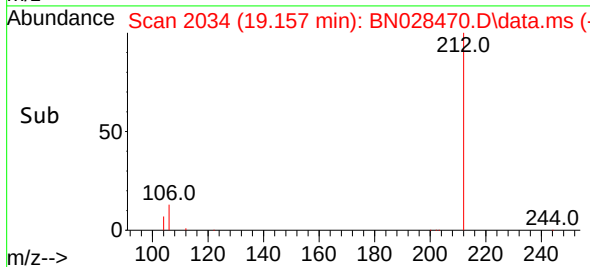
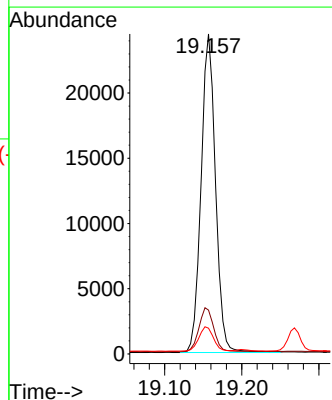
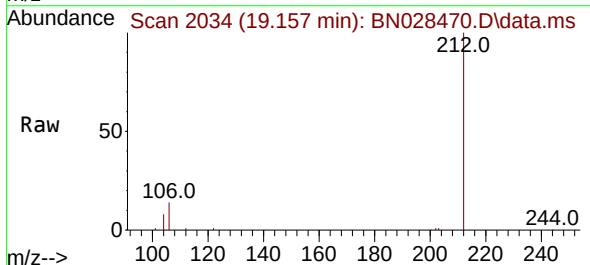
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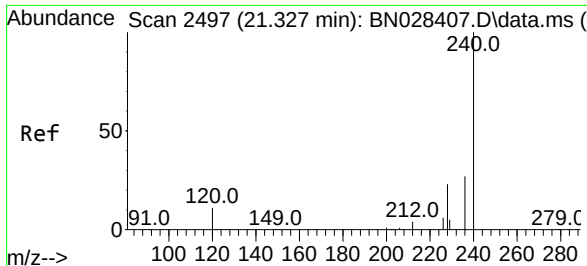
Tgt Ion:188 Resp: 41747
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 5.3 7.9#



#27
Fluoranthene-d10
Concen: 0.308 ng
RT: 19.157 min Scan# 2034
Delta R.T. 0.001 min
Lab File: BN028470.D
Acq: 04 Nov 2023 12:23

Tgt Ion:212 Resp: 31787
Ion Ratio Lower Upper
212 100
106 14.1 11.9 17.9
104 7.8 6.7 10.1

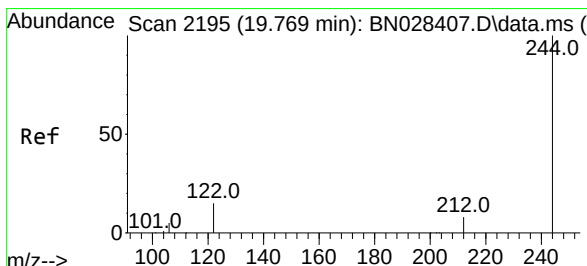
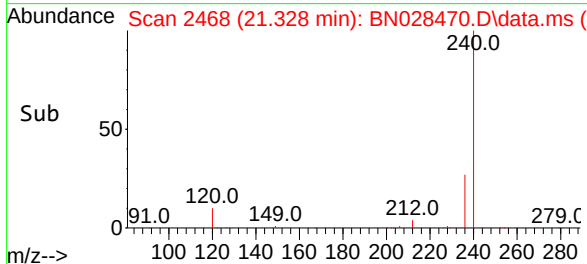
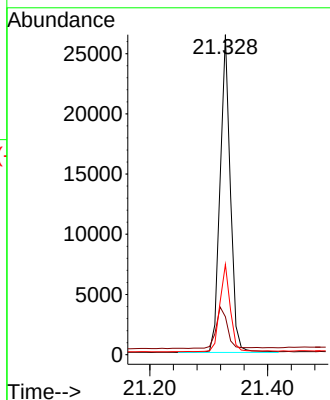
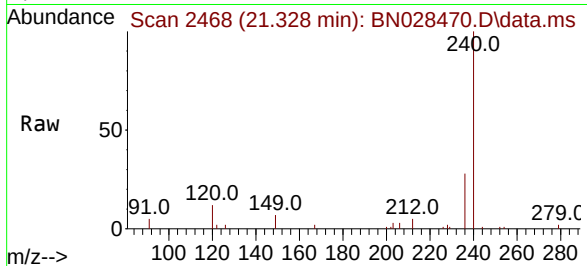




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2497
Delta R.T. 0.001 min
Lab File: BN028470.D
Acq: 04 Nov 2023 12:23

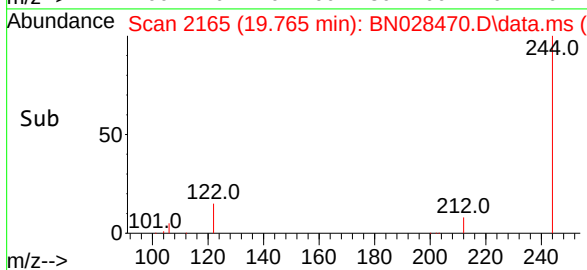
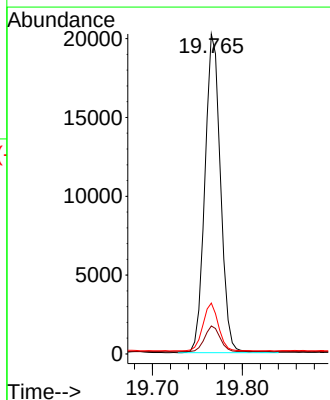
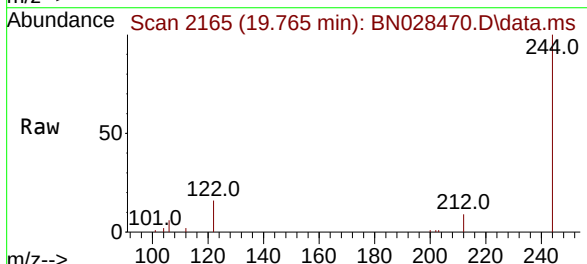
Instrument :
BNA_N
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BP-VPB-188-GW-220-222

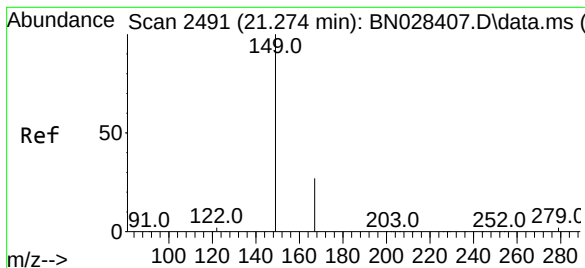
Tgt Ion:240 Resp: 31938
Ion Ratio Lower Upper
240 100
120 11.9 9.8 14.6
236 28.2 22.2 33.2



#31
Terphenyl-d14
Concen: 0.362 ng
RT: 19.765 min Scan# 2165
Delta R.T. -0.004 min
Lab File: BN028470.D
Acq: 04 Nov 2023 12:23

Tgt Ion:244 Resp: 24341
Ion Ratio Lower Upper
244 100
212 8.7 6.6 10.0
122 15.9 12.6 19.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.248 ng

RT: 21.266 min Scan# 2461

Delta R.T. -0.008 min

Lab File: BN028470.D

Acq: 04 Nov 2023 12:23

Instrument :

BNA_N

ClientSampleId :

BP-VPB-188-GW-220-222

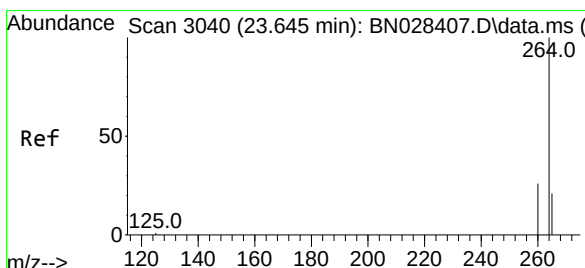
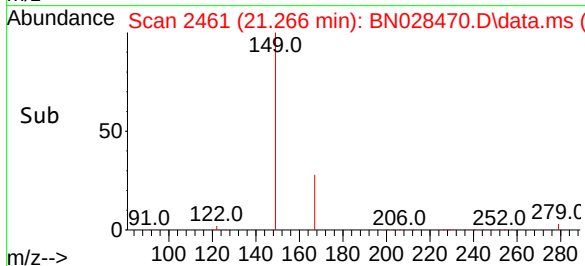
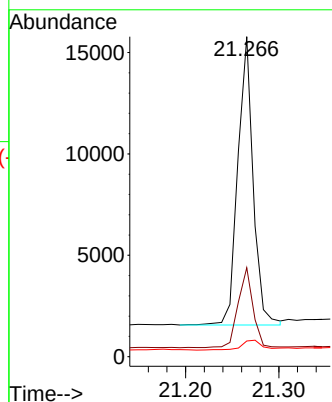
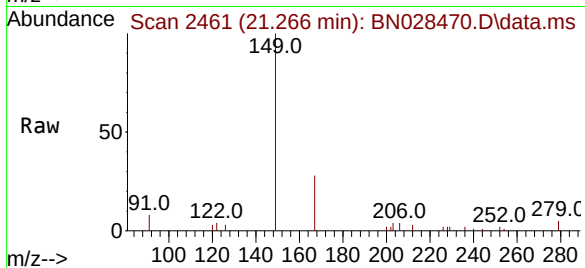
Tgt Ion:149 Resp: 16246

Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.9 2.3 3.5#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.646 min Scan# 3011

Delta R.T. 0.001 min

Lab File: BN028470.D

Acq: 04 Nov 2023 12:23

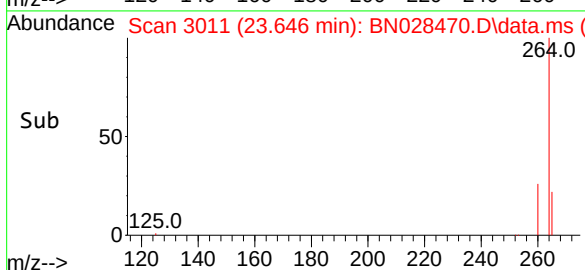
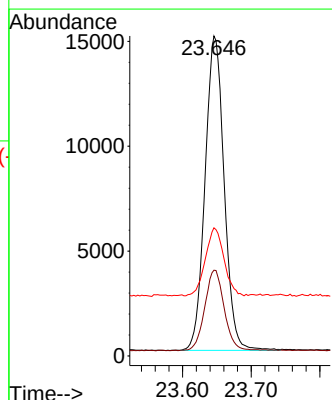
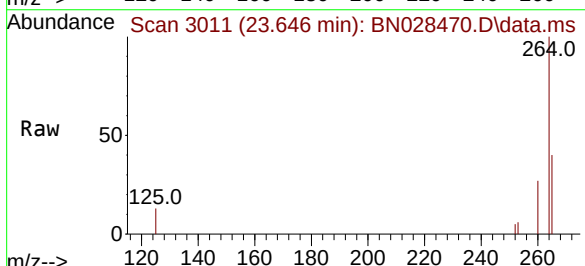
Tgt Ion:264 Resp: 29112

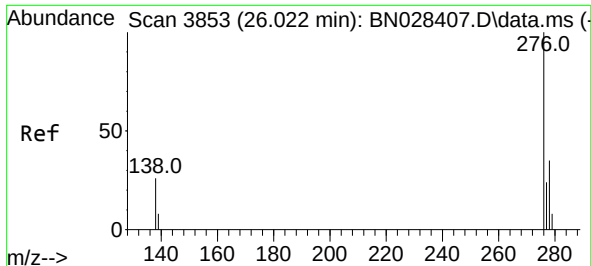
Ion Ratio Lower Upper

264 100

260 26.8 20.8 31.2

265 40.0 21.7 32.5#

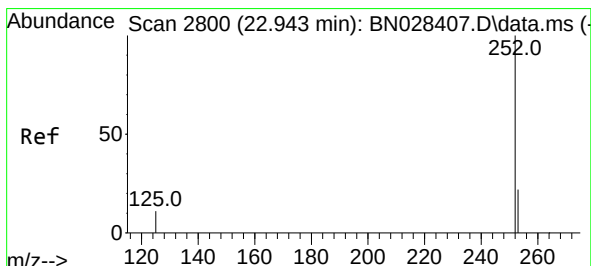
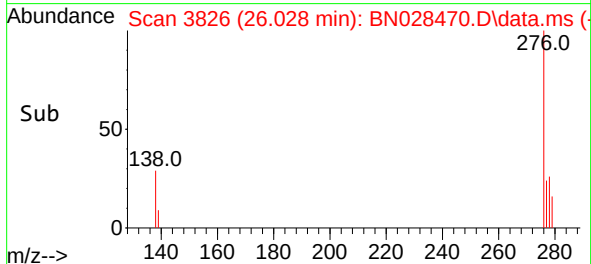
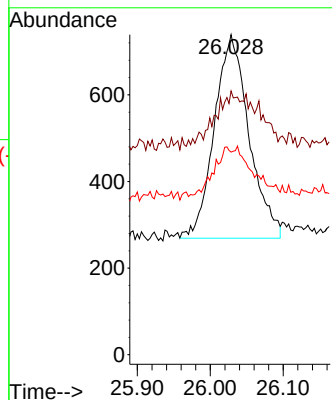
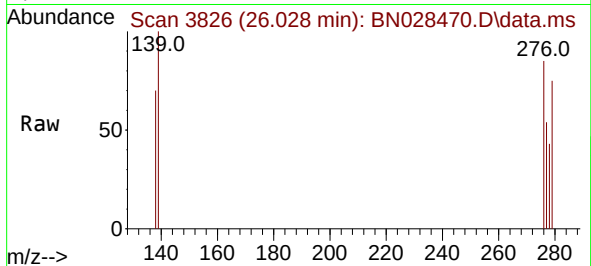




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.061 ng
 RT: 26.028 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BN028470.D
 Acq: 04 Nov 2023 12:23

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-220-222

Tgt Ion:276 Resp: 1555
 Ion Ratio Lower Upper
 276 100
 138 13.8 24.1 36.1#
 277 11.2 19.7 29.5#



#37
 Benzo(b)fluoranthene
 Concen: 0.085 ng
 RT: 22.947 min Scan# 2772
 Delta R.T. 0.004 min
 Lab File: BN028470.D
 Acq: 04 Nov 2023 12:23

Tgt Ion:252 Resp: 2068
 Ion Ratio Lower Upper
 252 100
 253 67.3 18.2 27.4#
 125 122.6 10.0 15.0#

