

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
 Data File : BN028471.D
 Acq On : 04 Nov 2023 12:59
 Operator : MA/JU
 Sample : 05224-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-240-242

Quant Time: Nov 06 04:45:09 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)

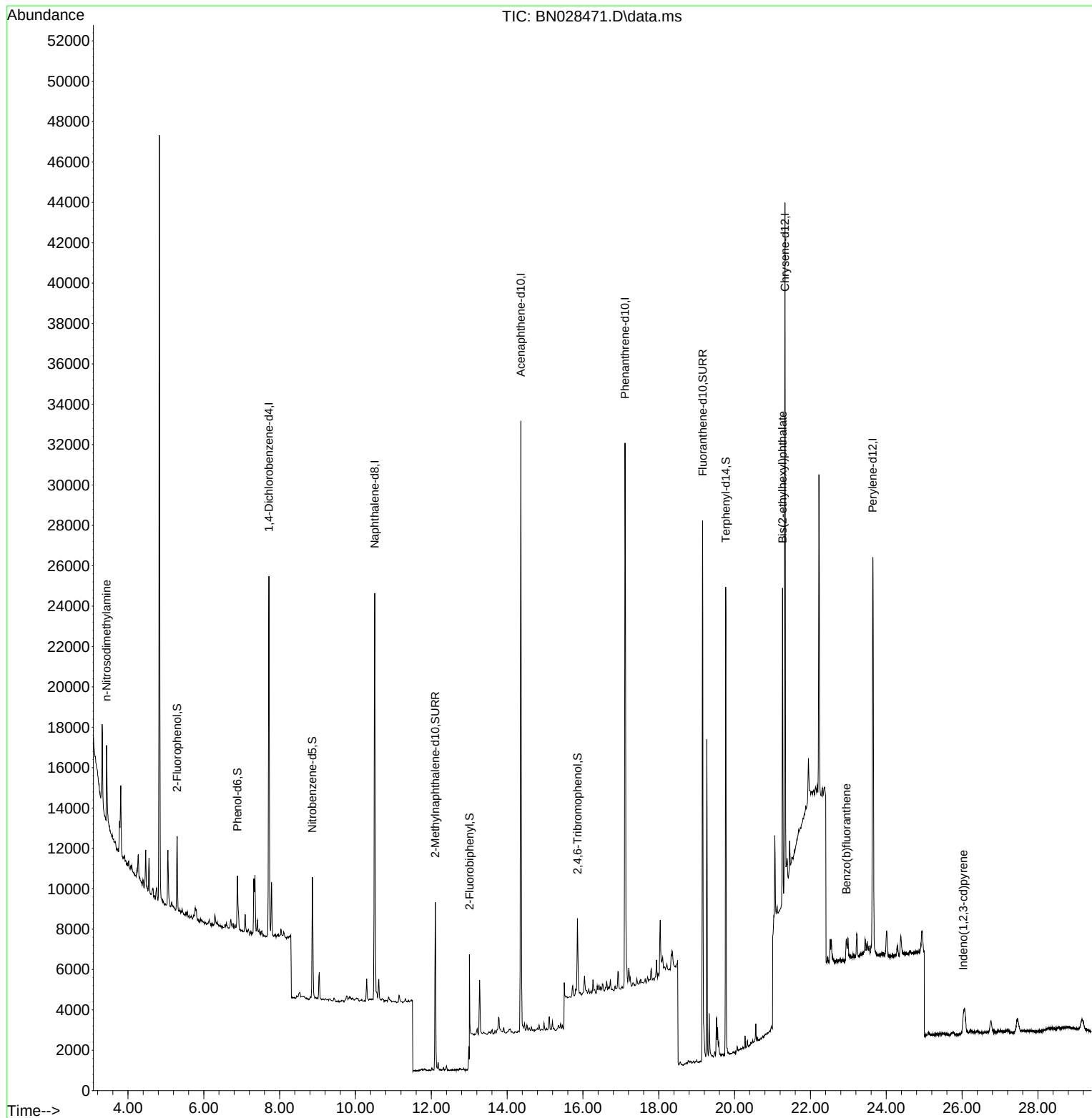
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	8558	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	26552	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	16655	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	37734	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	29217	0.400	ng	0.00
35) Perylene-d12	23.646	264	26260	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	2939	0.132	ng	0.00
5) Phenol-d6	6.887	99	2327	0.082	ng	0.00
8) Nitrobenzene-d5	8.864	82	4652	0.271	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	11001	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	2298	0.354	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	2139	0.108	ng	0.00
27) Fluoranthene-d10	19.157	212	29188	0.313	ng	0.00
31) Terphenyl-d14	19.765	244	22208	0.361	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.434	42	898	0.085	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.265	149	13497	0.225	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.031	276	1499	0.062	ng	# 71
37) Benzo(b)fluoranthene	22.947	252	1814	0.085	ng	# 1

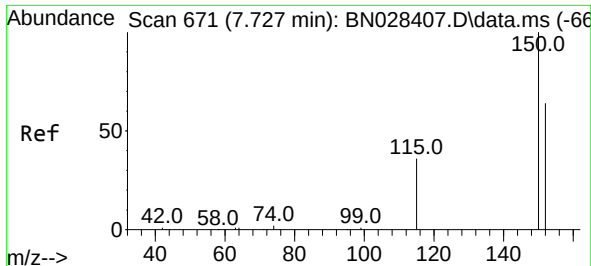
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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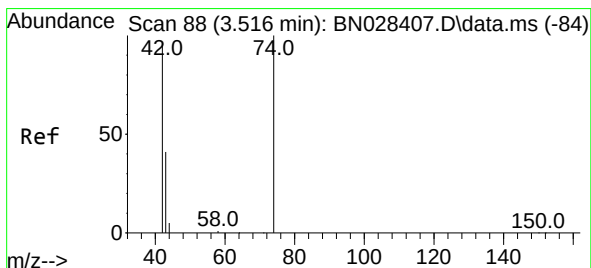
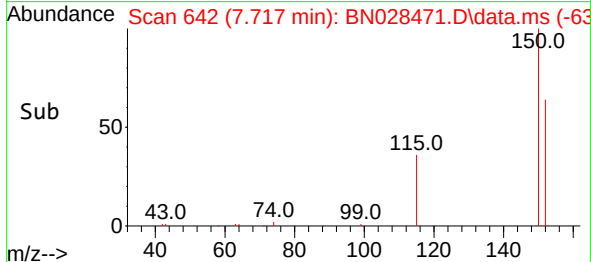
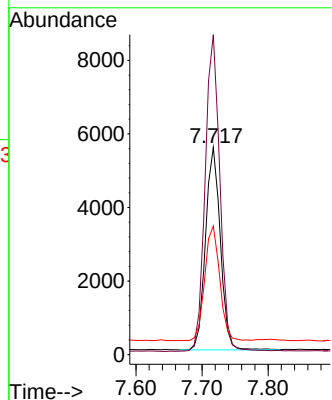
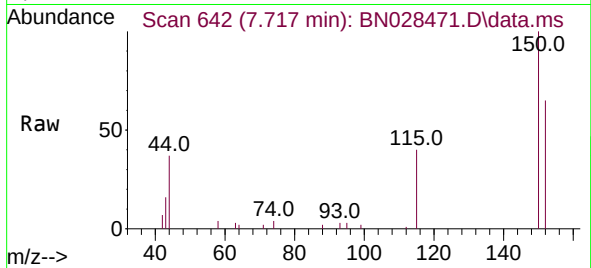




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.010 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

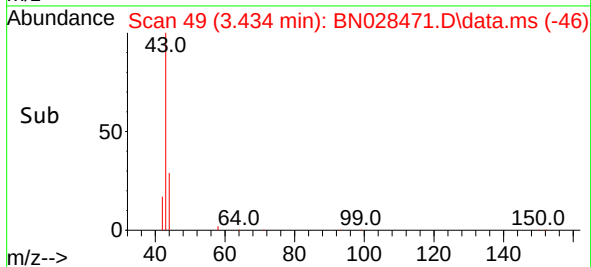
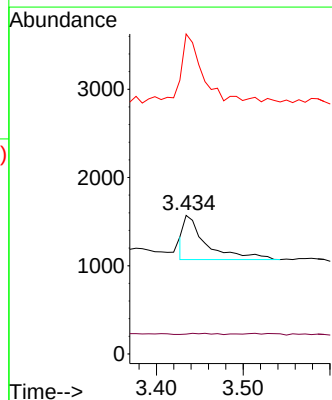
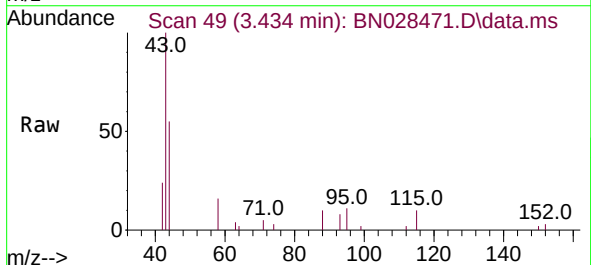
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-240-242

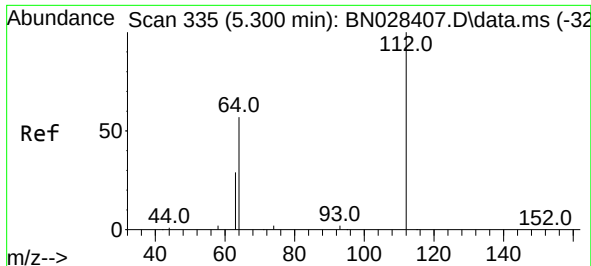
Tgt Ion:152 Resp: 8558
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.6
115 62.0 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.085 ng
RT: 3.434 min Scan# 49
Delta R.T. -0.082 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

Tgt Ion: 42 Resp: 898
Ion Ratio Lower Upper
42 100
74 2.6 100.3 150.5#
44 105.3 6.2 9.2#

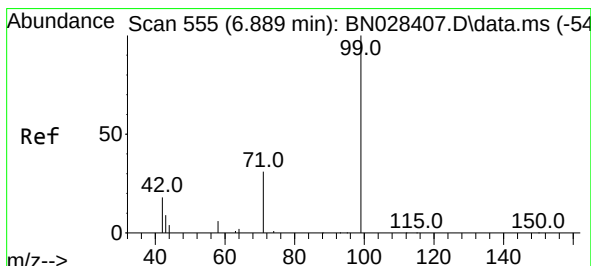
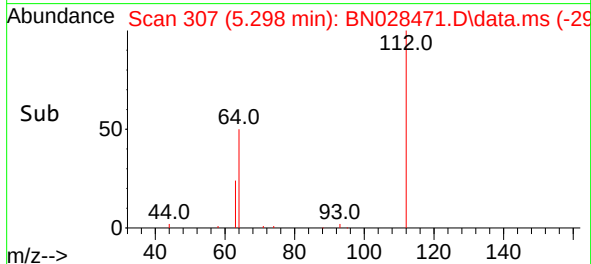
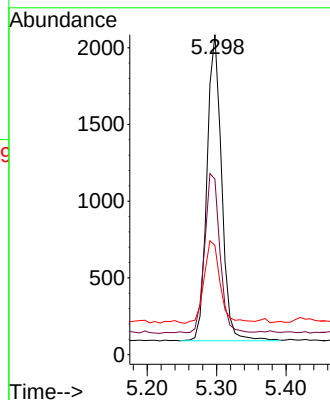
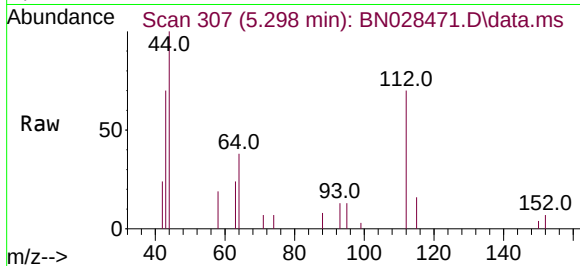




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.002 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

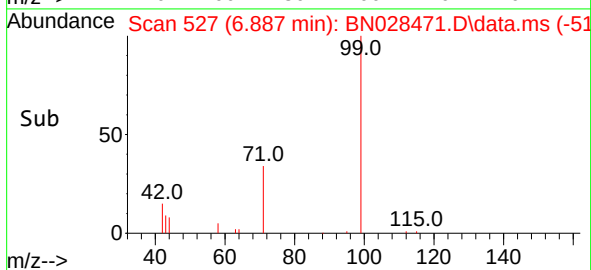
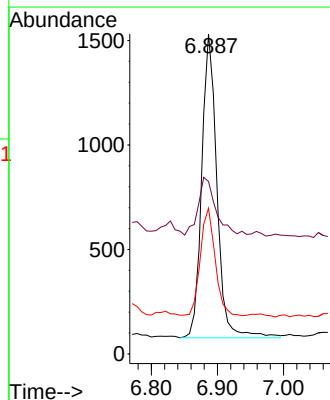
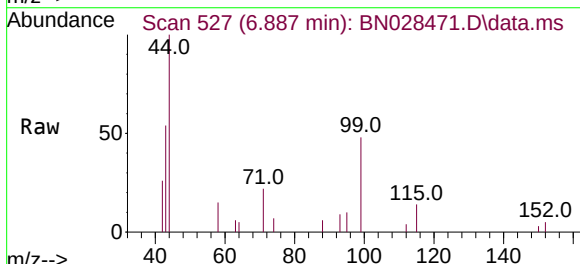
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-240-242

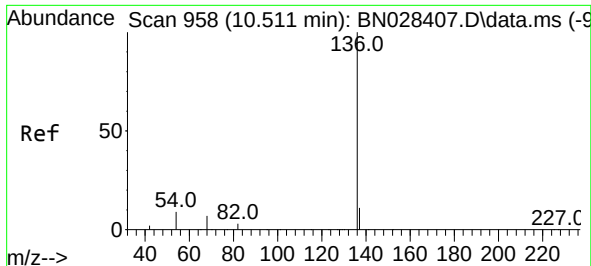
Tgt Ion:	112	Resp:	2939
Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.3	66.5
63	29.6	22.6	33.8



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.002 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

Tgt Ion:	99	Resp:	2327
Ion	Ratio	Lower	Upper
99	100		
42	22.4	15.4	23.0
71	34.9	24.4	36.6

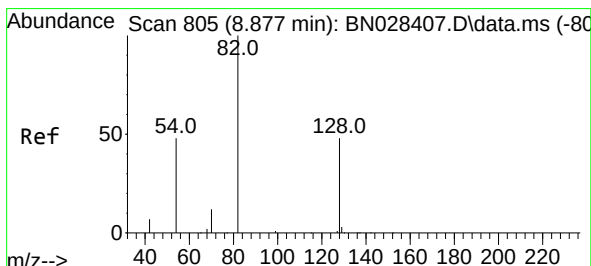
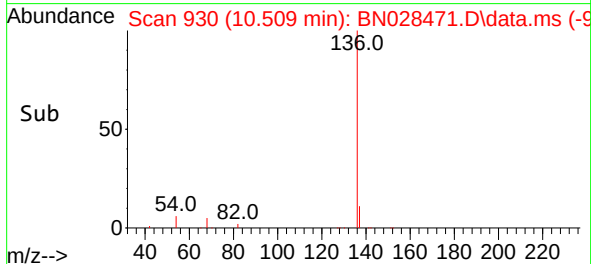
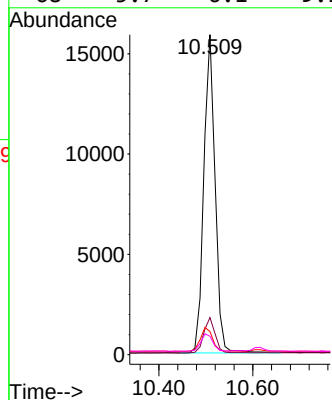
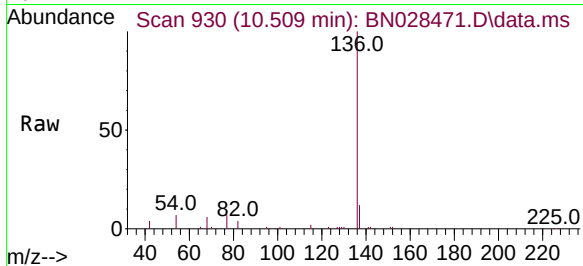




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

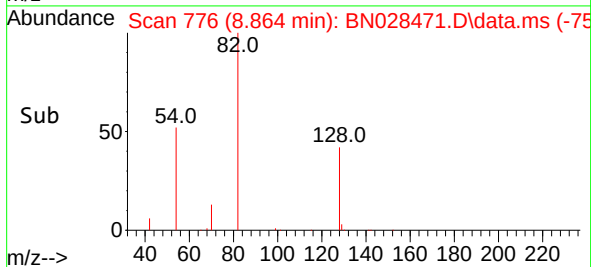
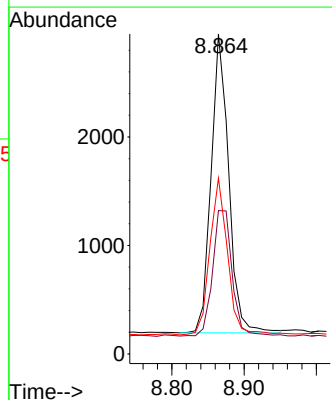
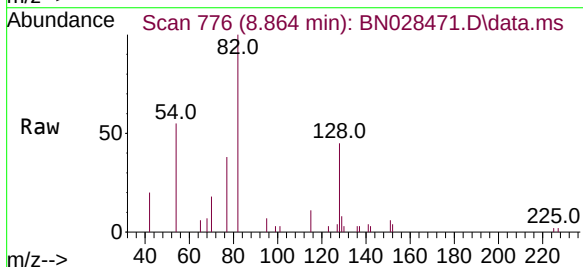
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-240-242

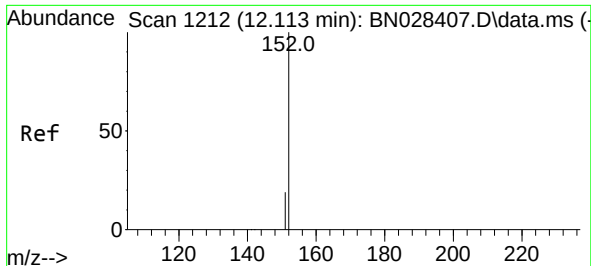
Tgt Ion:	136	Resp:	26552
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.4
54	7.2	7.9	11.9#
68	5.7	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.013 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

Tgt Ion:	82	Resp:	4652
Ion Ratio	Lower	Upper	
82	100		
128	44.8	38.8	58.2
54	54.9	40.3	60.5

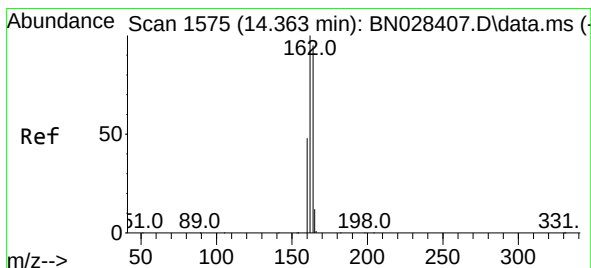
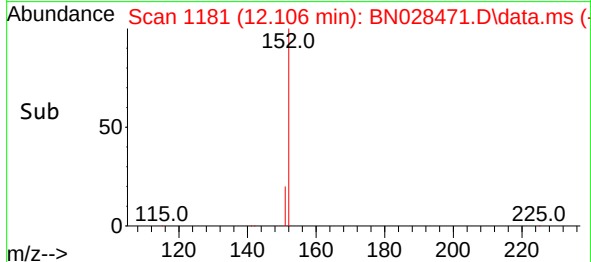
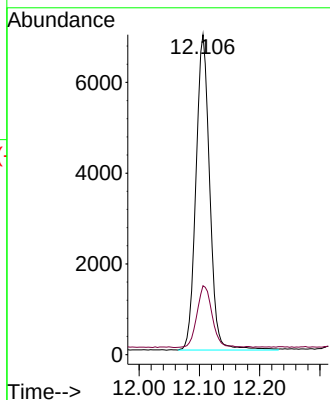
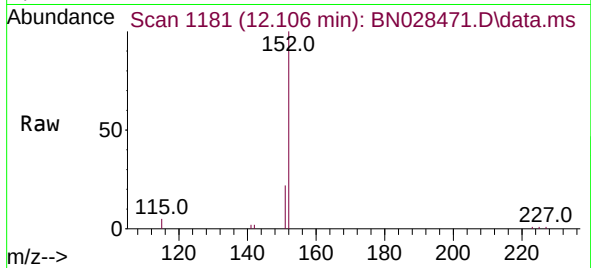




#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.106 min Scan# 111
Delta R.T. -0.007 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

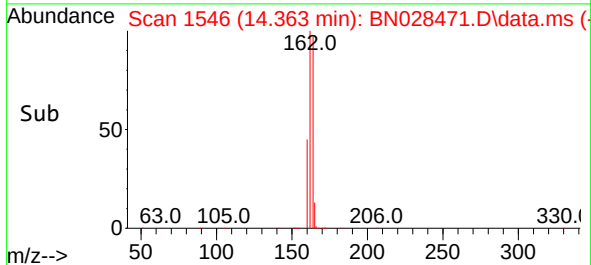
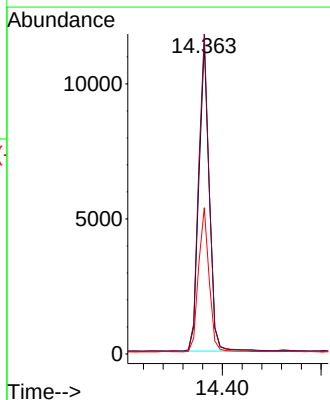
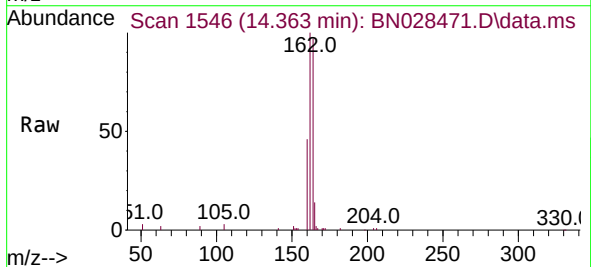
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-240-242

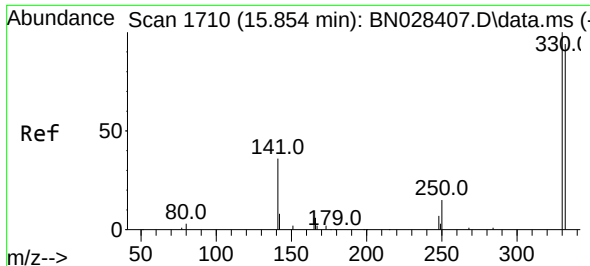
Tgt Ion:152 Resp: 11001
Ion Ratio Lower Upper
152 100
151 21.6 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 1546
Delta R.T. 0.001 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

Tgt Ion:164 Resp: 16655
Ion Ratio Lower Upper
164 100
162 102.9 84.6 127.0
160 47.0 41.3 61.9

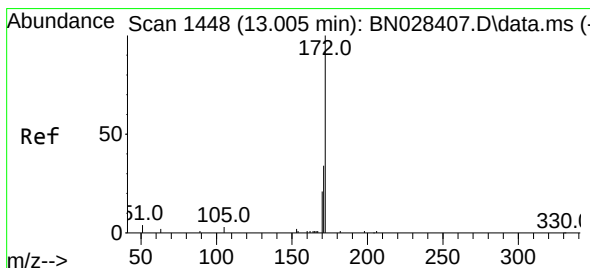
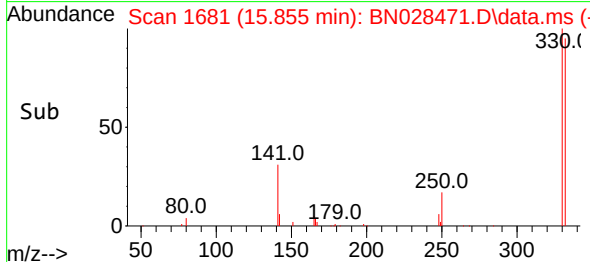
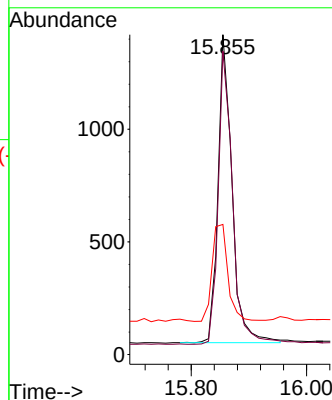
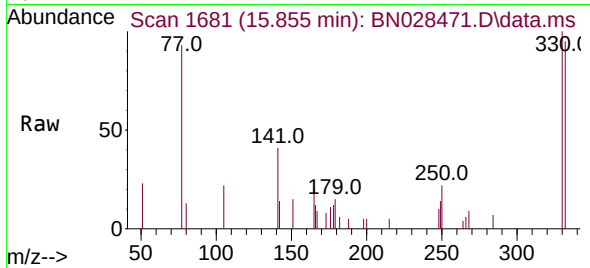




#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.855 min Scan# 1681
Delta R.T. 0.001 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

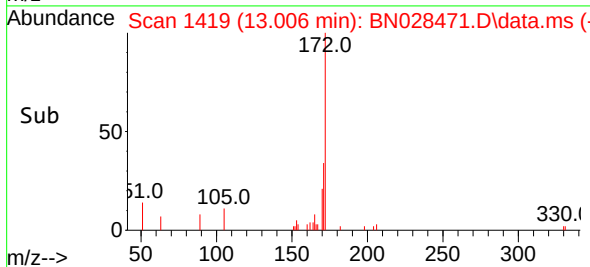
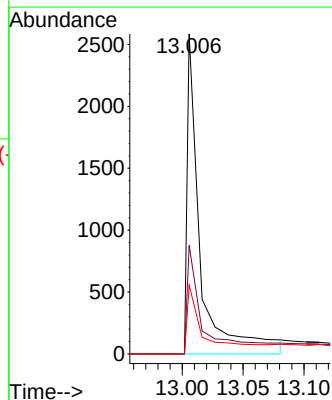
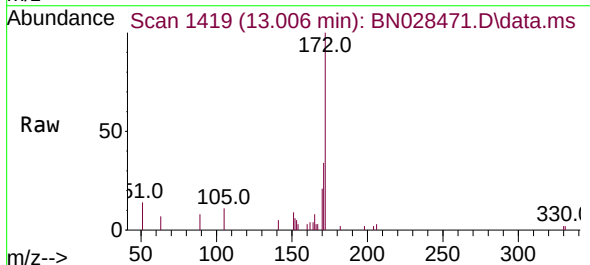
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-240-242

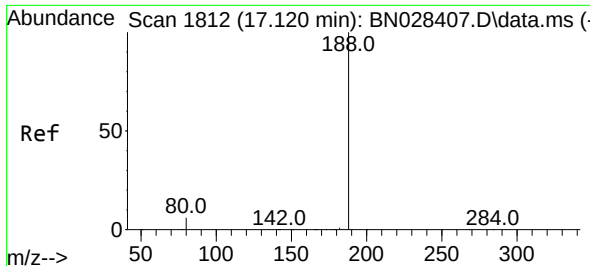
Tgt Ion:330 Resp: 2298
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.2
141 35.8 32.8 49.2



#15
2-Fluorobiphenyl
Concen: 0.108 ng
RT: 13.006 min Scan# 1419
Delta R.T. 0.001 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

Tgt Ion:172 Resp: 2139
Ion Ratio Lower Upper
172 100
171 33.9 27.2 40.8
170 21.5 17.1 25.7

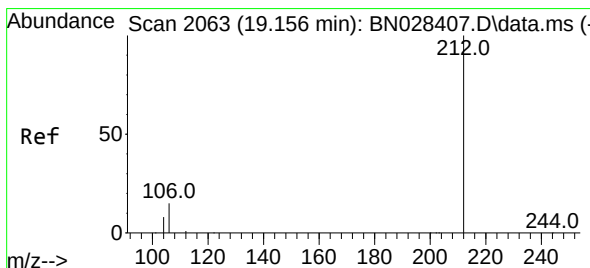
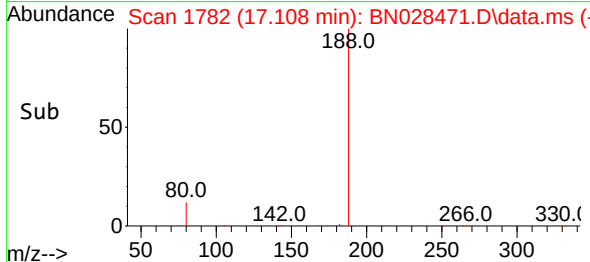
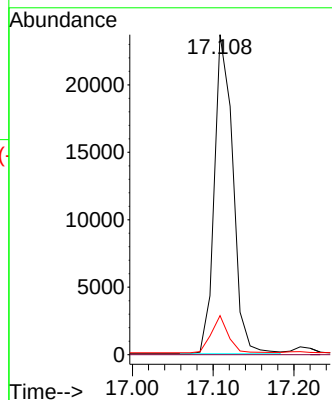
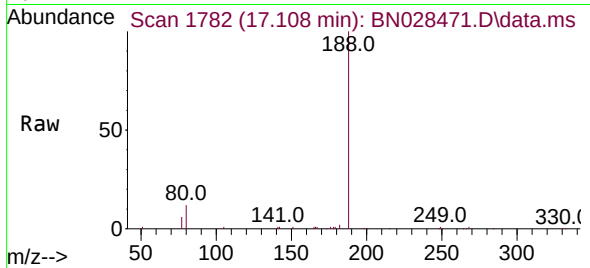




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.108 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

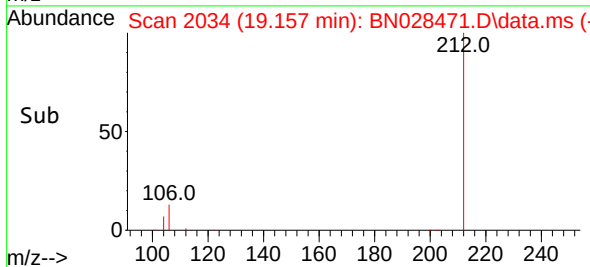
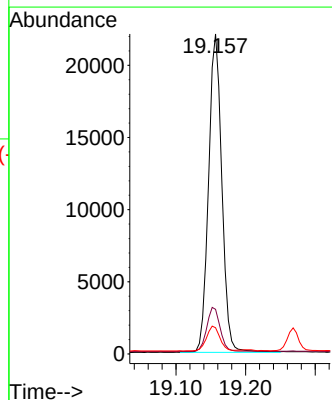
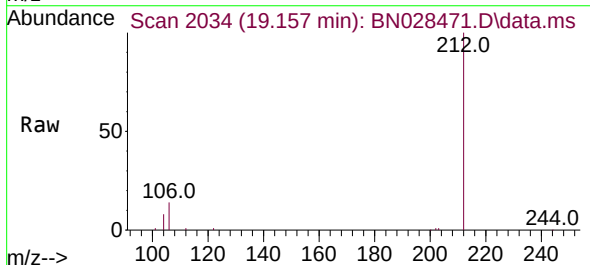
Instrument :
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BP-VPB-188-GW-240-242

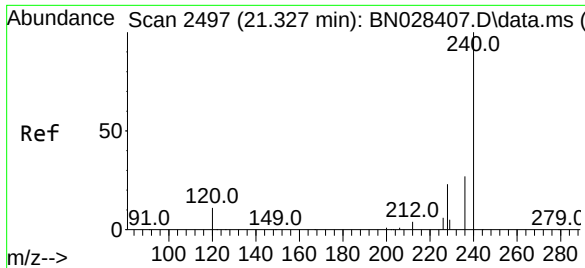
Tgt Ion:188 Resp: 37734
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 5.3 7.9#



#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.157 min Scan# 2034
Delta R.T. 0.001 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

Tgt Ion:212 Resp: 29188
Ion Ratio Lower Upper
212 100
106 14.0 11.9 17.9
104 7.9 6.7 10.1

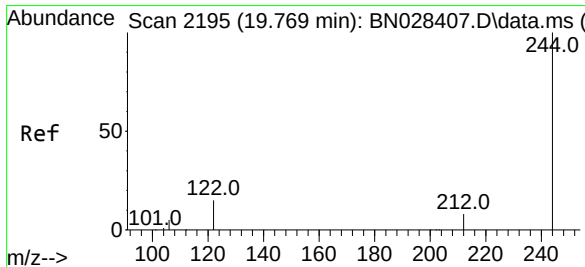
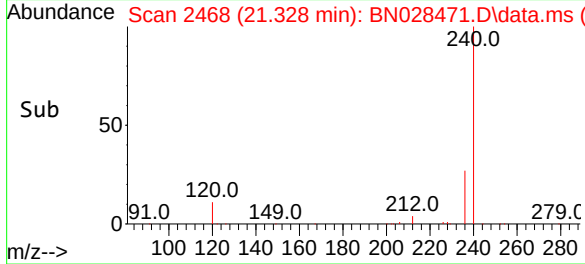
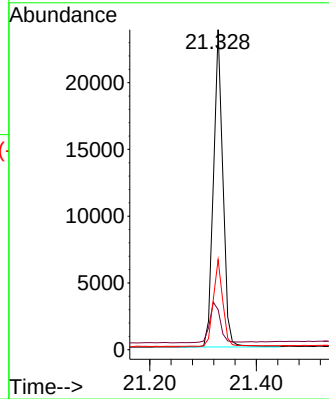
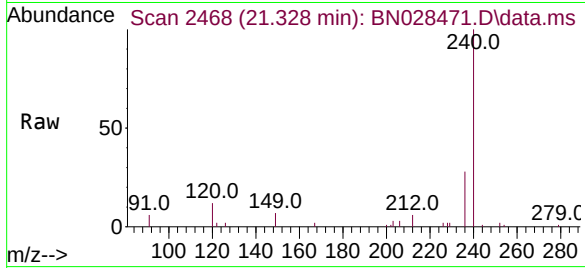




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2497
Delta R.T. 0.001 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

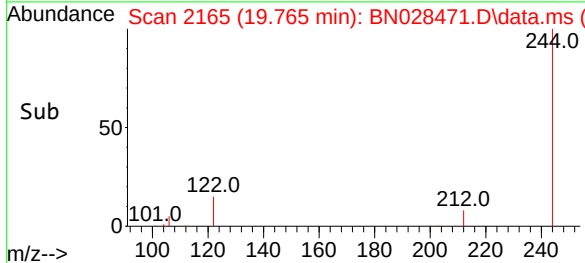
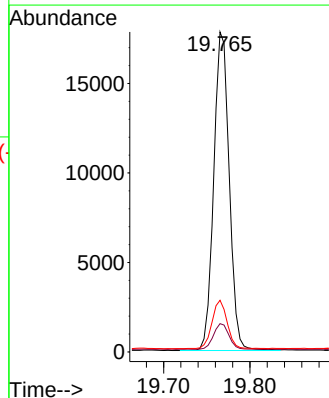
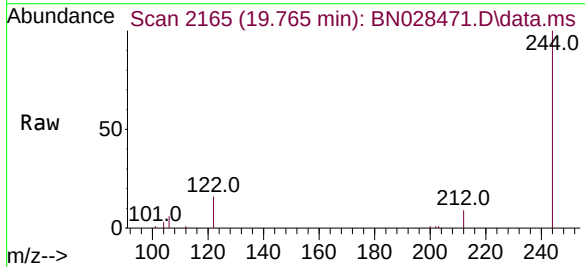
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-240-242

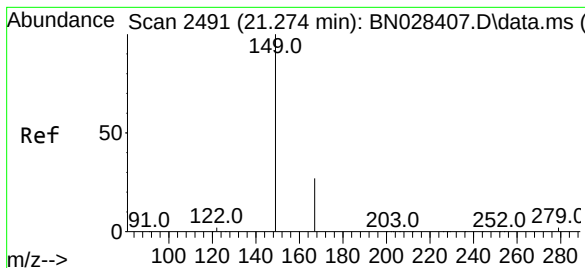
Tgt Ion:240 Resp: 29217
Ion Ratio Lower Upper
240 100
120 12.5 9.8 14.6
236 28.2 22.2 33.2



#31
Terphenyl-d14
Concen: 0.361 ng
RT: 19.765 min Scan# 2165
Delta R.T. -0.004 min
Lab File: BN028471.D
Acq: 04 Nov 2023 12:59

Tgt Ion:244 Resp: 22208
Ion Ratio Lower Upper
244 100
212 8.8 6.6 10.0
122 16.1 12.6 19.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.225 ng

RT: 21.265 min Scan# 2491

Delta R.T. -0.009 min

Lab File: BN028471.D

Acq: 04 Nov 2023 12:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-188-GW-240-242

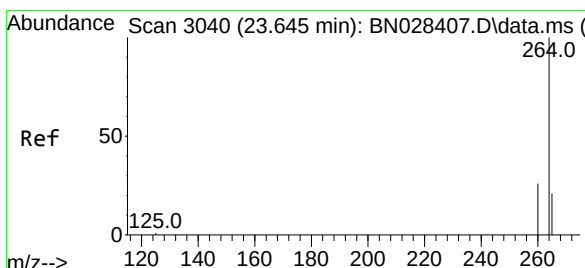
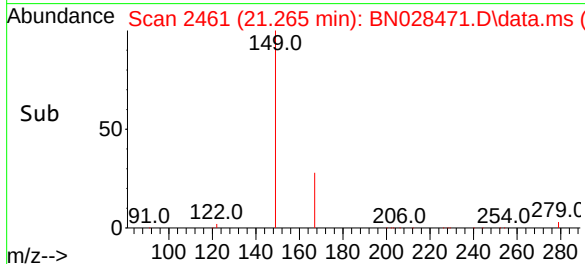
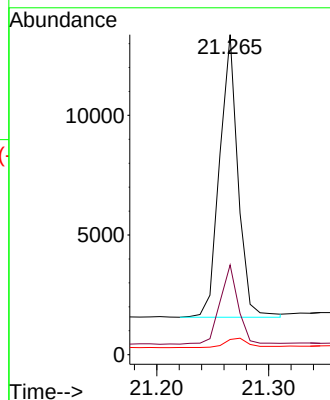
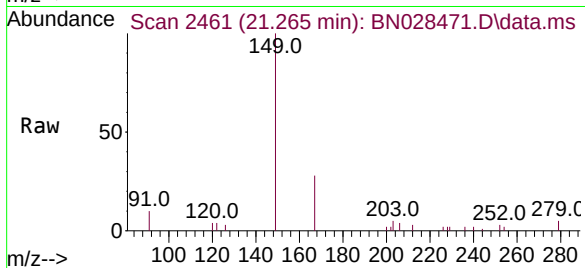
Tgt Ion:149 Resp: 13497

Ion Ratio Lower Upper

149 100

167 27.8 21.4 32.0

279 4.6 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: BN028471.D

Acq: 04 Nov 2023 12:59

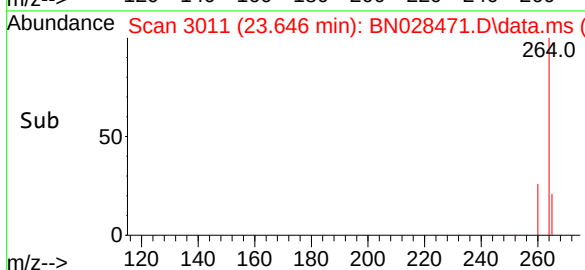
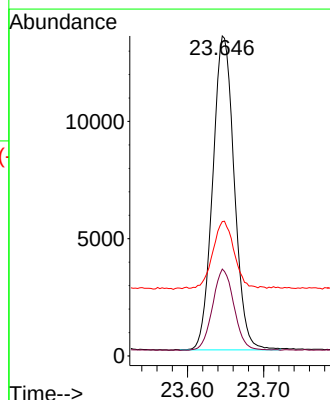
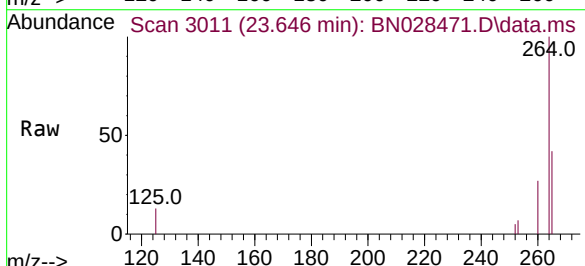
Tgt Ion:264 Resp: 26260

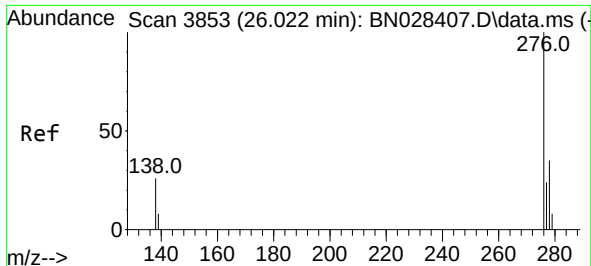
Ion Ratio Lower Upper

264 100

260 27.2 20.8 31.2

265 42.0 21.7 32.5#

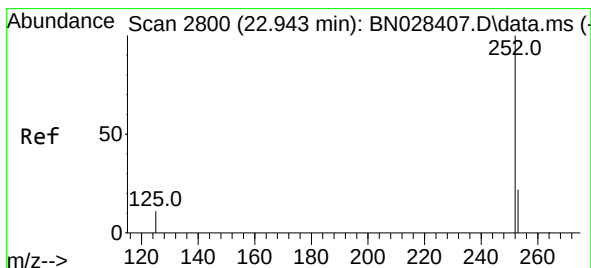
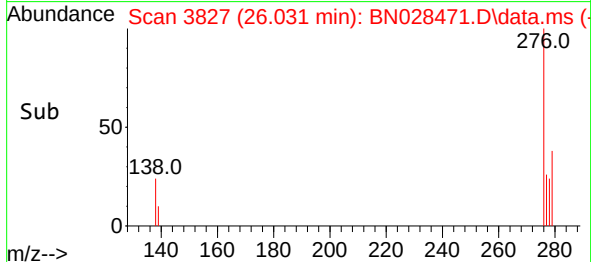
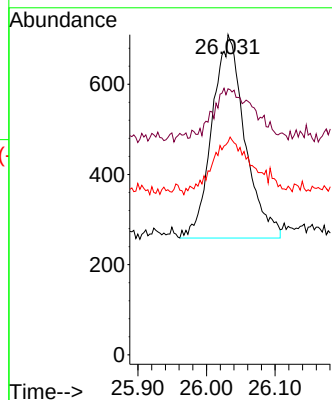
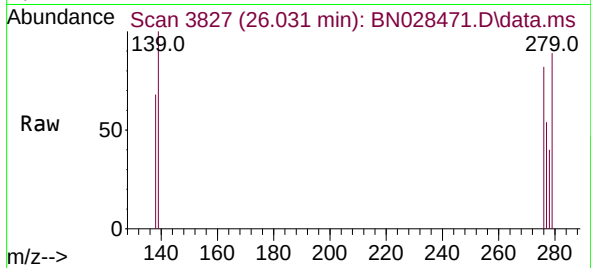




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.062 ng
 RT: 26.031 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: BN028471.D
 Acq: 04 Nov 2023 12:59

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-240-242

Tgt Ion:276 Resp: 1499
 Ion Ratio Lower Upper
 276 100
 138 8.5 24.1 36.1#
 277 32.4 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: BN028471.D
 Acq: 04 Nov 2023 12:59

Tgt Ion:252 Resp: 1814
 Ion Ratio Lower Upper
 252 100
 253 70.6 18.2 27.4#
 125 121.0 10.0 15.0#

