

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
 Data File : BN028474.D
 Acq On : 04 Nov 2023 14:47
 Operator : MA/JU
 Sample : 05225-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-360-362

Quant Time: Nov 06 04:45:55 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)

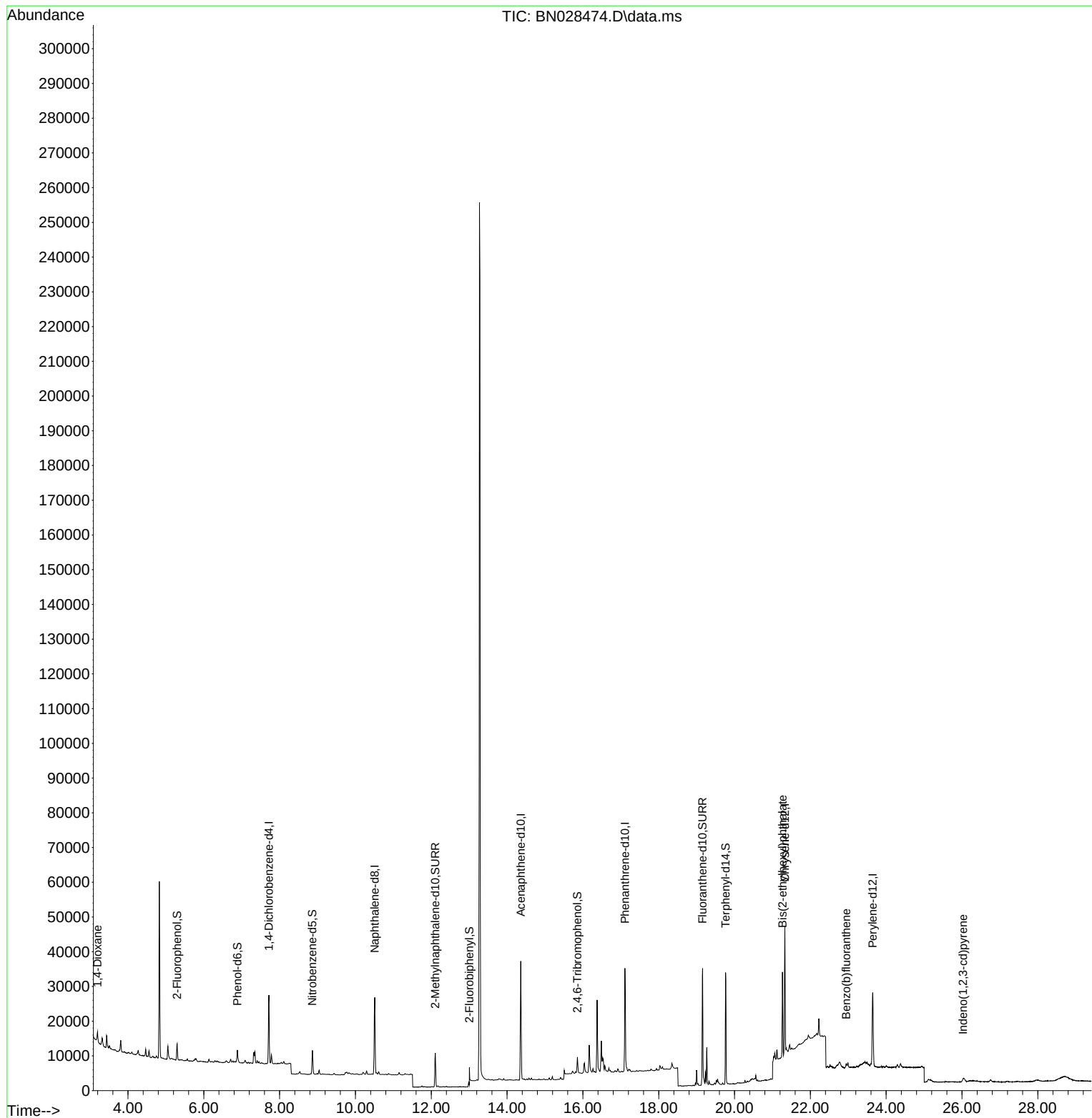
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	9297	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	29006	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	18181	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	41074	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	31785	0.400	ng	0.00
35) Perylene-d12	23.646	264	28041	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	3777	0.156	ng	0.00
5) Phenol-d6	6.887	99	3033	0.099	ng	0.00
8) Nitrobenzene-d5	8.864	82	5550	0.296	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	12592	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	2742	0.387	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	2058	0.095	ng	0.00
27) Fluoranthene-d10	19.157	212	36054	0.355	ng	0.00
31) Terphenyl-d14	19.765	244	31083	0.464	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.196	88	1641	0.159	ng	# 34
34) Bis(2-ethylhexyl)phtha...	21.265	149	21217	0.325	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.025	276	1418	0.060	ng	# 83
37) Benzo(b)fluoranthene	22.947	252	1857	0.084	ng	# 1

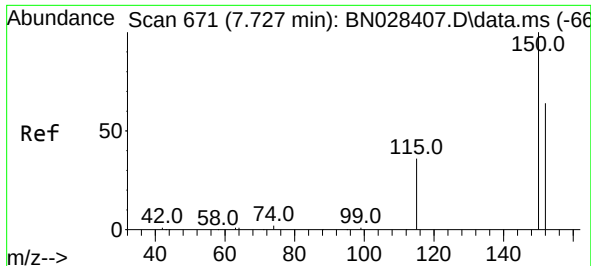
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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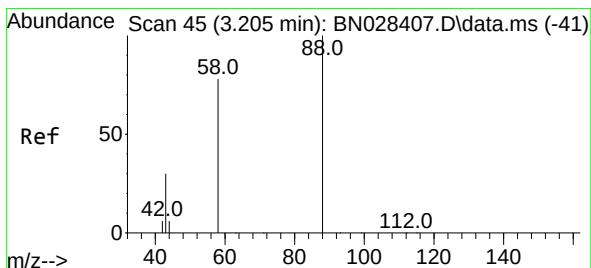
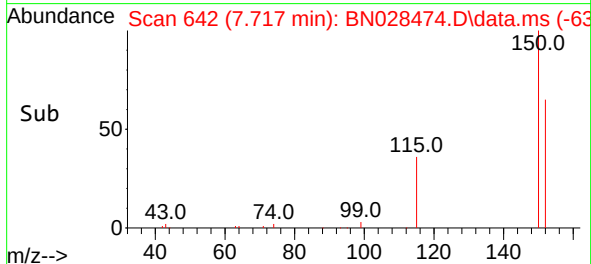
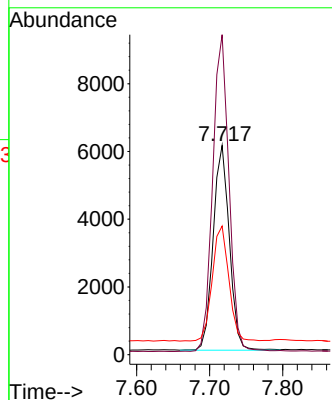
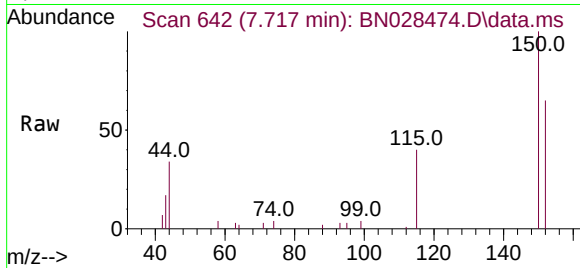




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.010 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

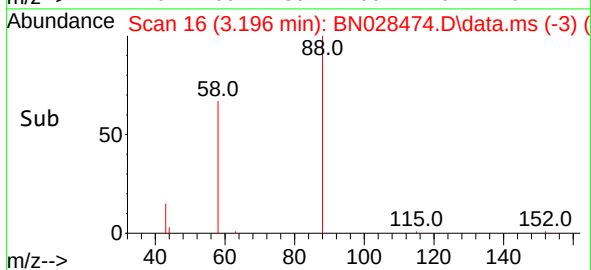
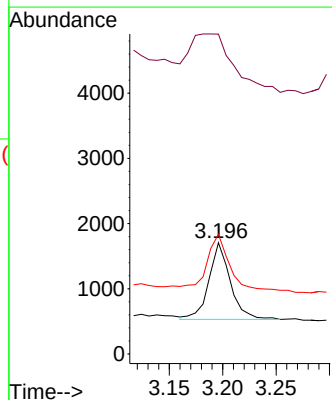
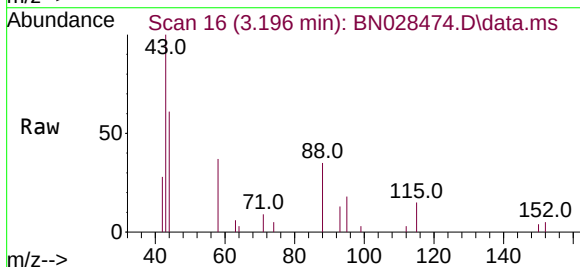
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-360-362

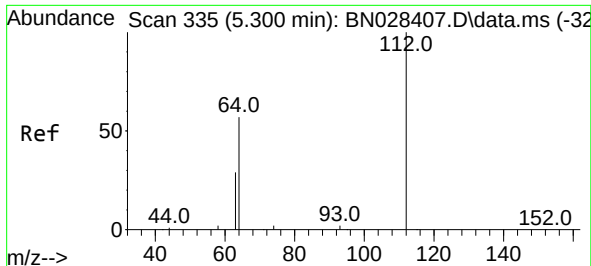
Tgt Ion:152 Resp: 9297
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 61.5 47.0 70.6



#2
1,4-Dioxane
Concen: 0.159 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.010 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

Tgt Ion: 88 Resp: 1641
Ion Ratio Lower Upper
88 100
43 155.0 24.3 36.5#
58 74.5 59.8 89.6

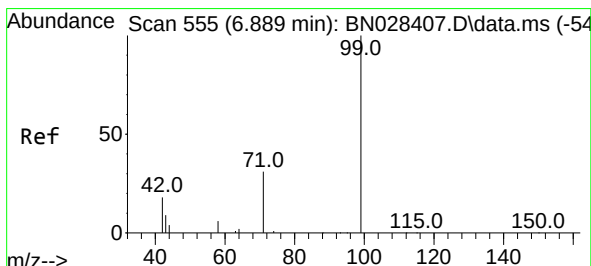
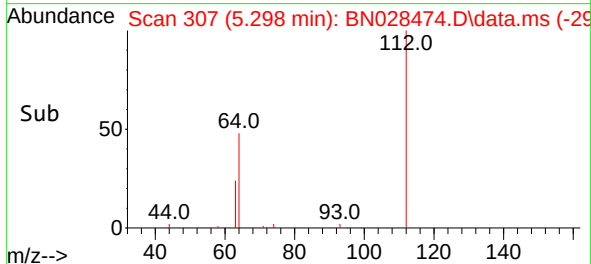
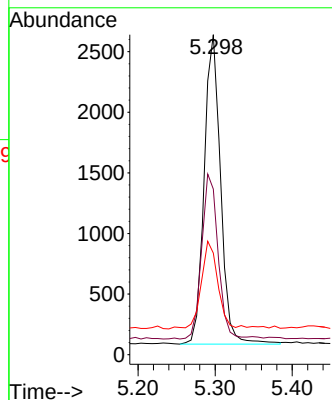
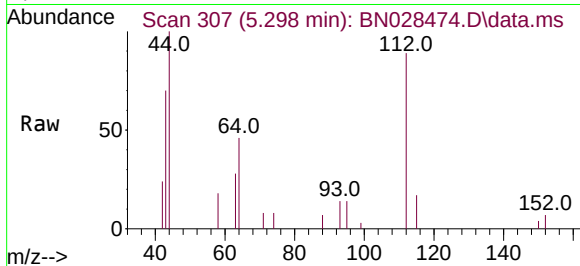




#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.002 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

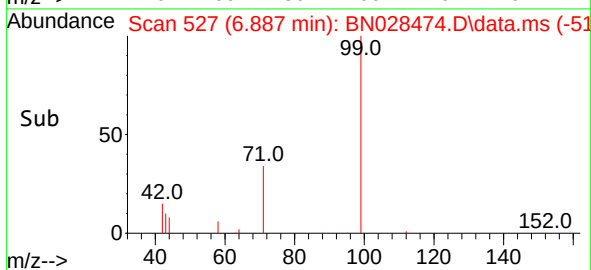
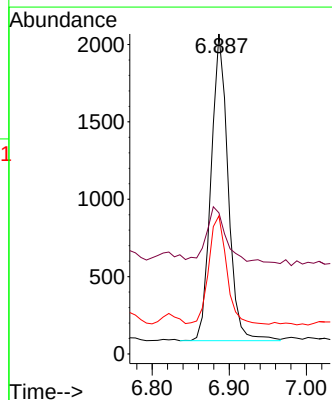
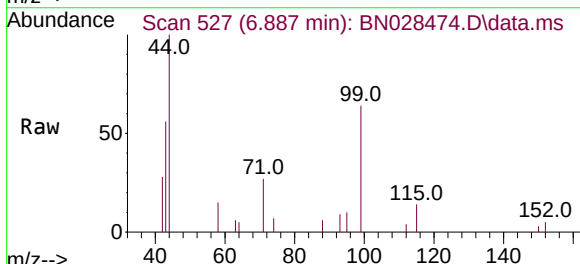
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-360-362

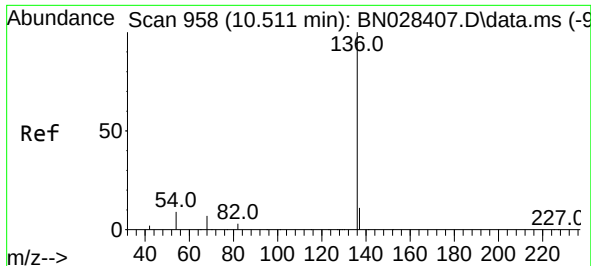
Tgt Ion:112	Resp:	3777
Ion	Ratio	Lower Upper
112	100	
64	53.7	44.3 66.5
63	28.4	22.6 33.8



#5
Phenol-d6
Concen: 0.099 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.002 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

Tgt Ion: 99	Resp:	3033
Ion	Ratio	Lower Upper
99	100	
42	22.6	15.4 23.0
71	37.3	24.4 36.6

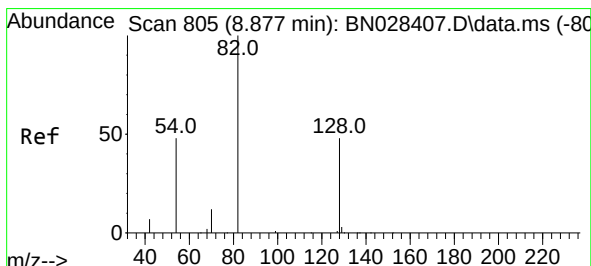
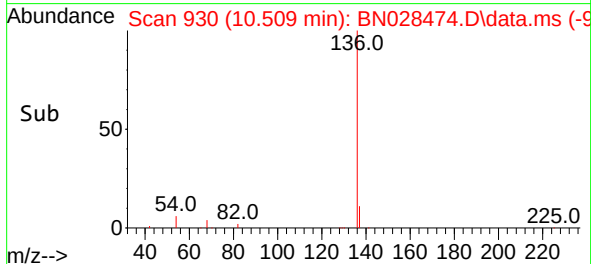
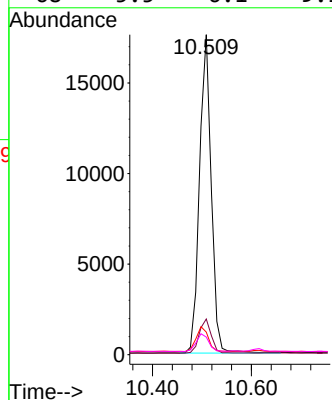
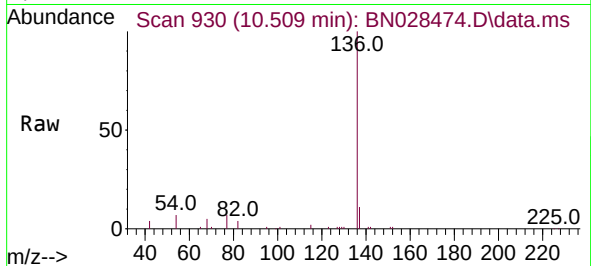




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

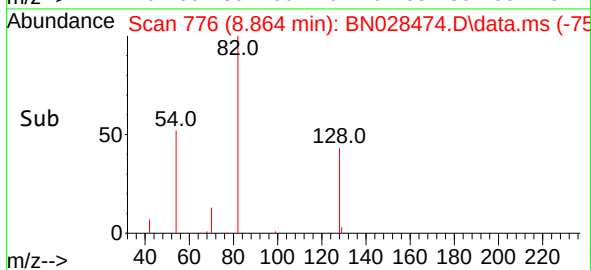
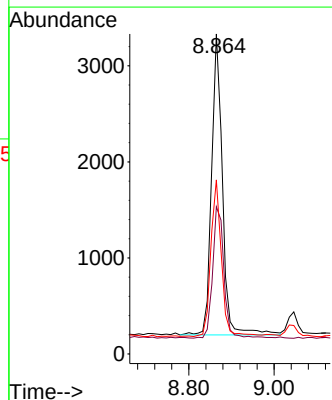
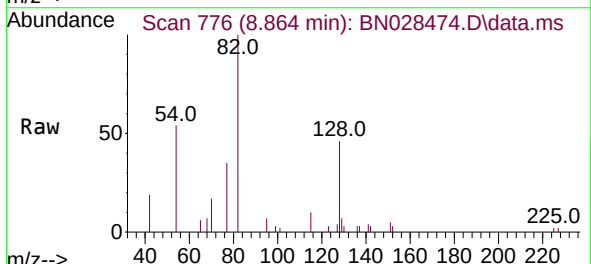
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-360-362

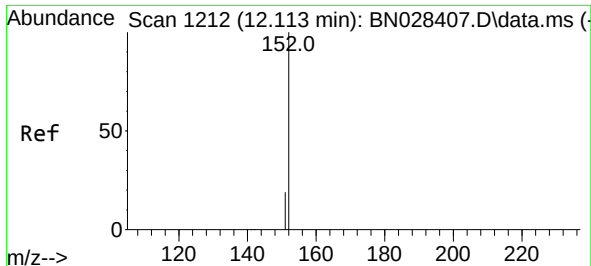
Tgt Ion:	136	Resp:	29006
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.0	7.9	11.9#
68	5.5	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.013 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

Tgt Ion:	82	Resp:	5550
Ion Ratio	Lower	Upper	
82	100		
128	46.0	38.8	58.2
54	54.4	40.3	60.5

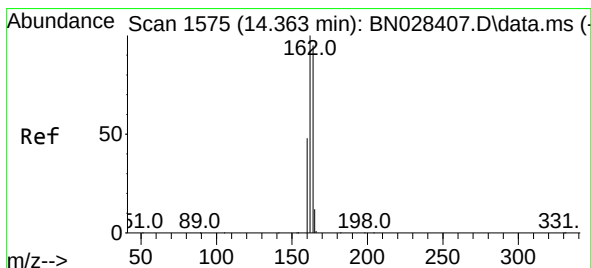
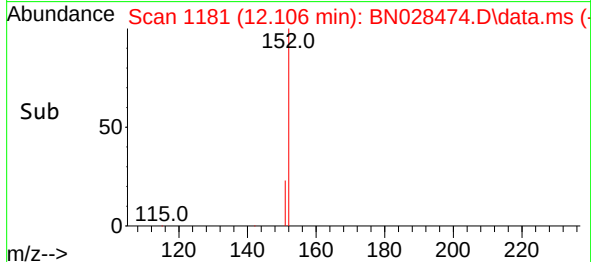
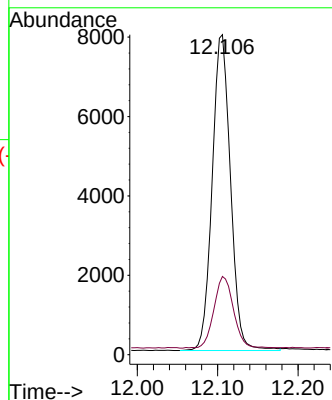
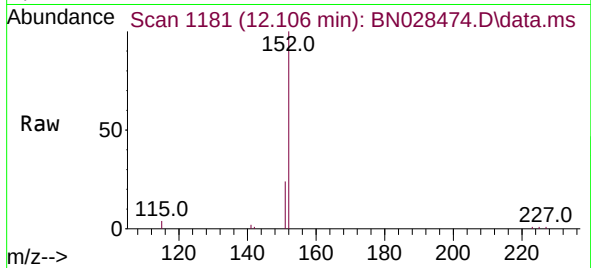




#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.106 min Scan# 111
Delta R.T. -0.007 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

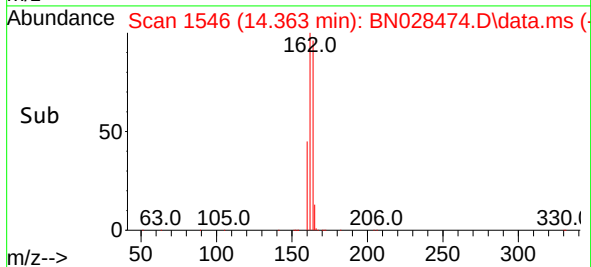
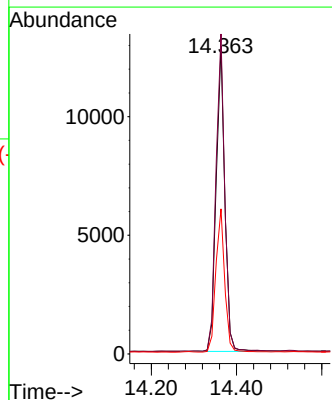
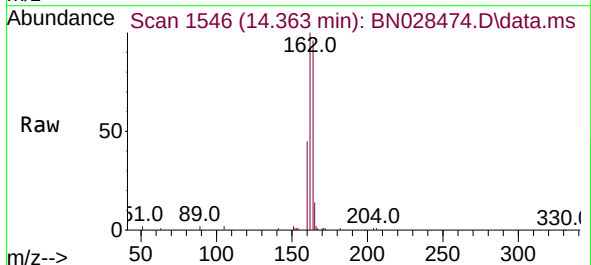
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-360-362

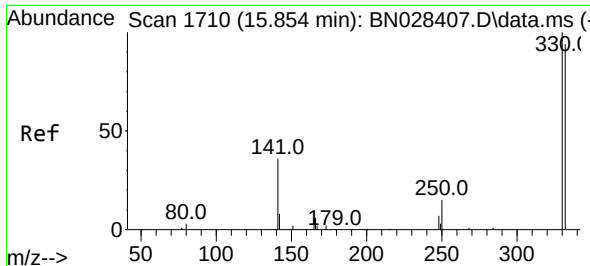
Tgt Ion:152 Resp: 12592
Ion Ratio Lower Upper
152 100
151 24.3 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 1546
Delta R.T. 0.001 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

Tgt Ion:164 Resp: 18181
Ion Ratio Lower Upper
164 100
162 103.9 84.6 127.0
160 47.1 41.3 61.9

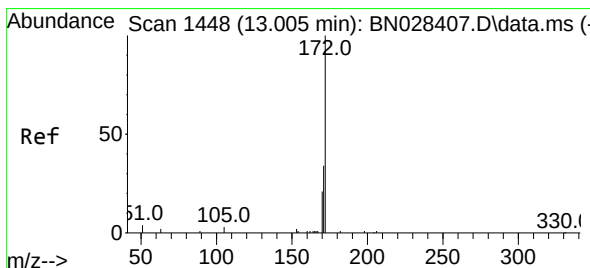
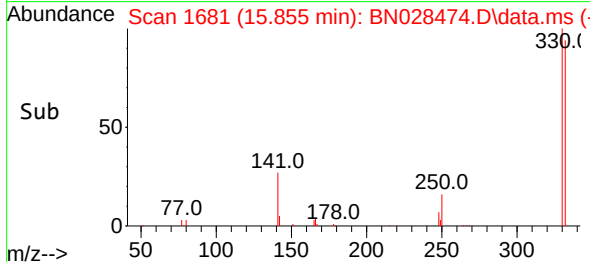
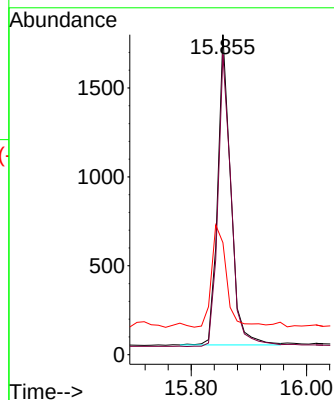
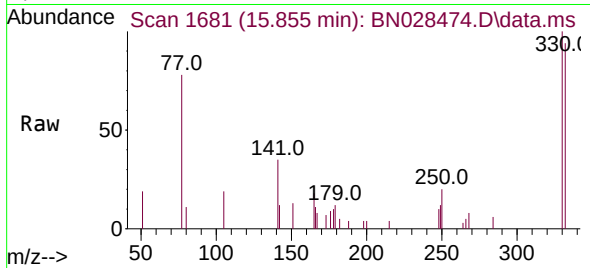




#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.855 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

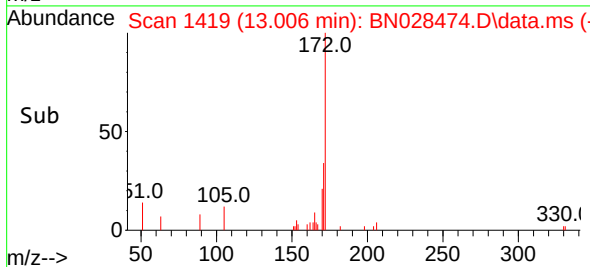
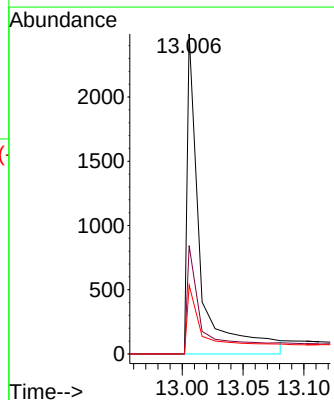
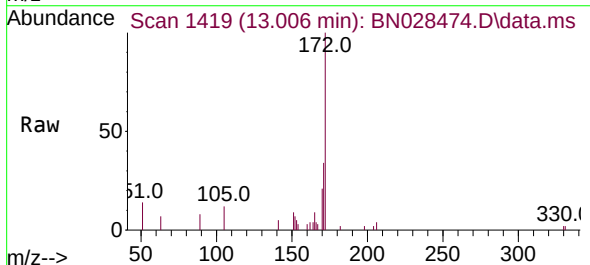
Instrument :
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ClientSampleId :
BP-VPB-188-GW-360-362

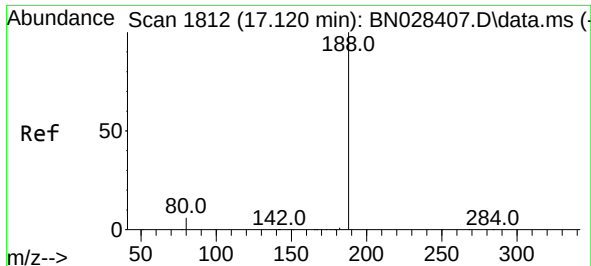
Tgt Ion:330 Resp: 2742
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.2
141 37.6 32.8 49.2



#15
2-Fluorobiphenyl
Concen: 0.095 ng
RT: 13.006 min Scan# 1419
Delta R.T. 0.001 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

Tgt Ion:172 Resp: 2058
Ion Ratio Lower Upper
172 100
171 33.8 27.2 40.8
170 21.5 17.1 25.7

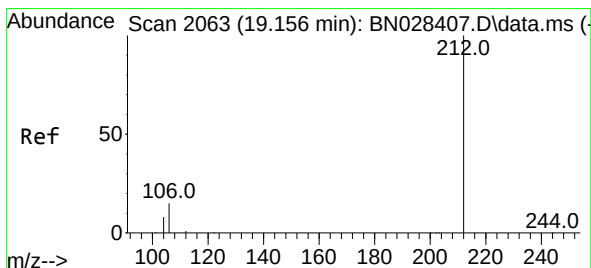
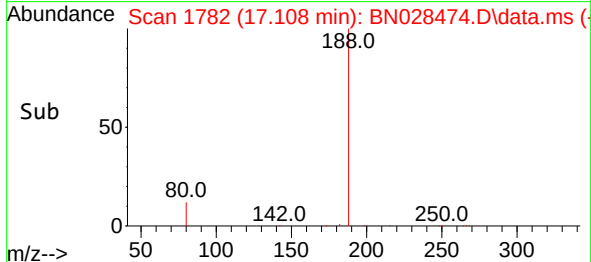
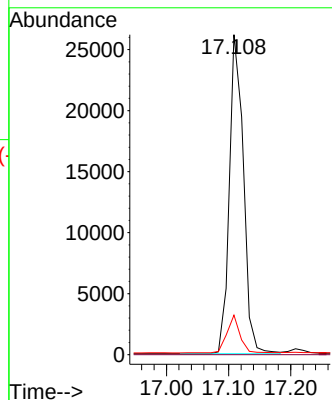
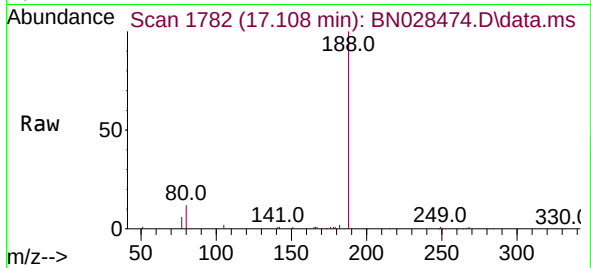




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.108 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

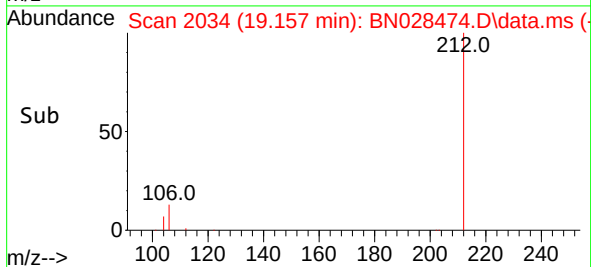
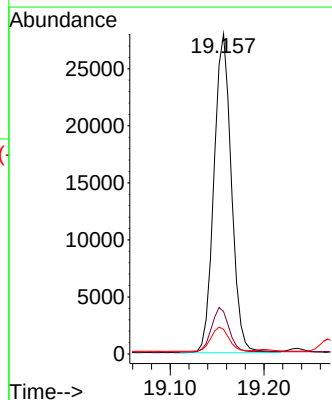
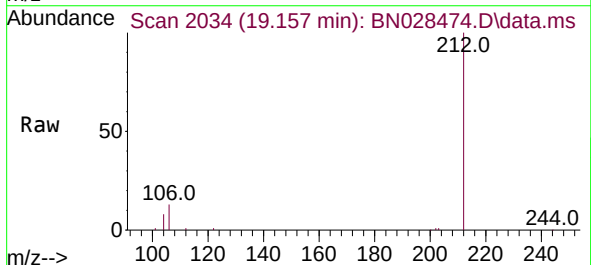
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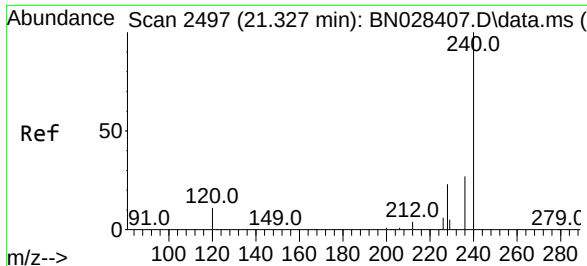
Tgt Ion:188 Resp: 41074
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 5.3 7.9#



#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.157 min Scan# 2034
Delta R.T. 0.001 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

Tgt Ion:212 Resp: 36054
Ion Ratio Lower Upper
212 100
106 13.9 11.9 17.9
104 7.8 6.7 10.1

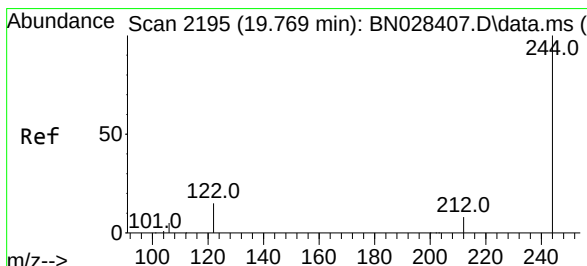
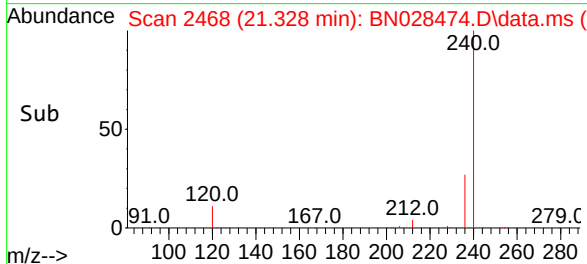
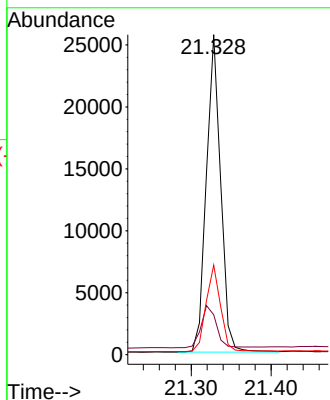
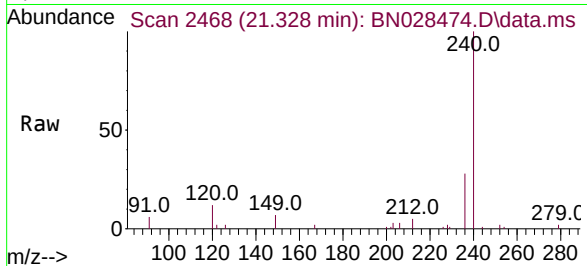




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2497
Delta R.T. 0.001 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

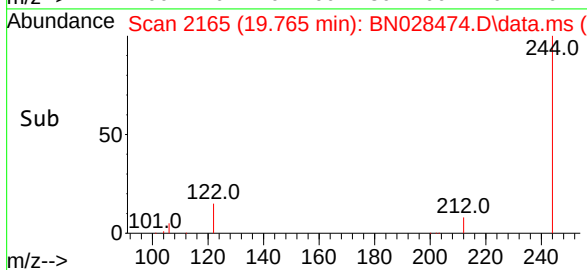
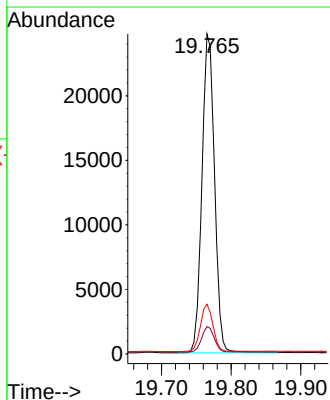
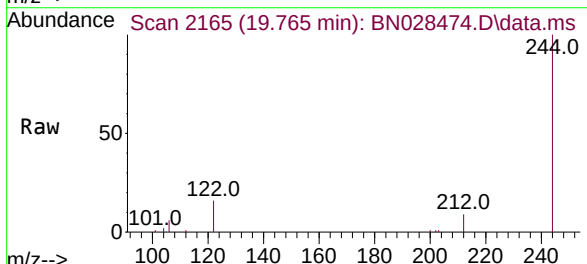
Instrument :
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BP-VPB-188-GW-360-362

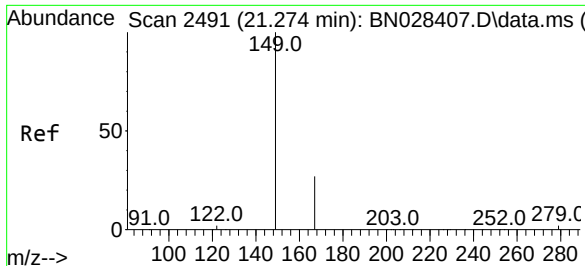
Tgt Ion:240 Resp: 31785
Ion Ratio Lower Upper
240 100
120 12.4 9.8 14.6
236 28.0 22.2 33.2



#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.765 min Scan# 2165
Delta R.T. -0.004 min
Lab File: BN028474.D
Acq: 04 Nov 2023 14:47

Tgt Ion:244 Resp: 31083
Ion Ratio Lower Upper
244 100
212 8.5 6.6 10.0
122 15.5 12.6 19.0

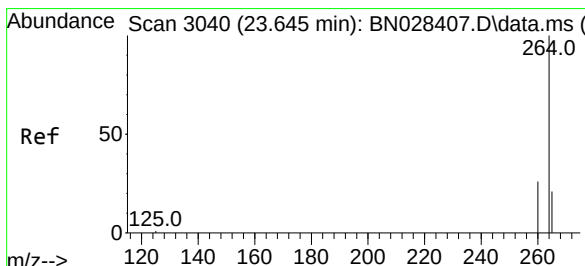
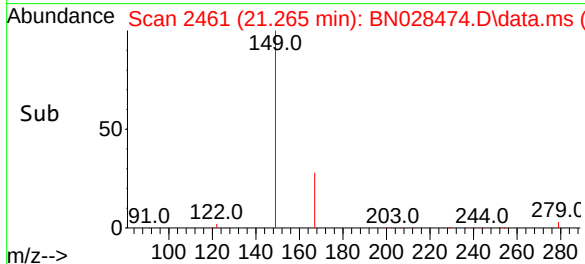
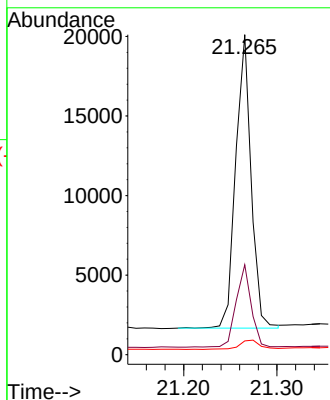
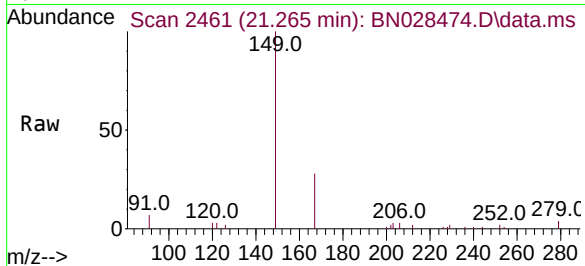




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.325 ng
 RT: 21.265 min Scan# 2491
 Delta R.T. -0.009 min
 Lab File: BN028474.D
 Acq: 04 Nov 2023 14:47

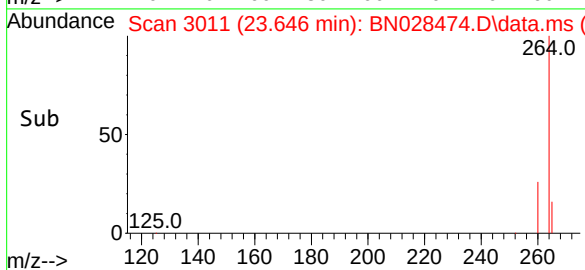
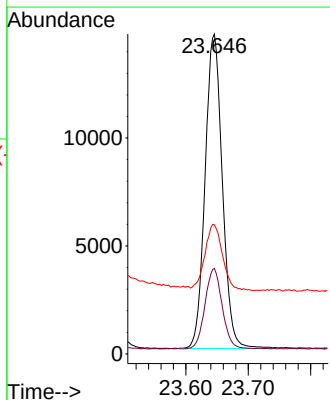
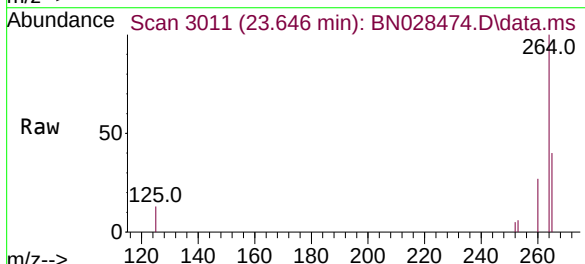
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-360-362

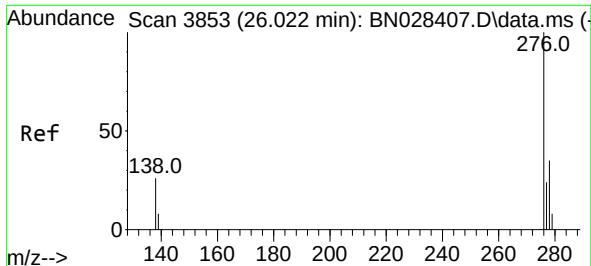
Tgt Ion:149 Resp: 21217
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.4 32.0
 279 4.3 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.646 min Scan# 3011
 Delta R.T. 0.001 min
 Lab File: BN028474.D
 Acq: 04 Nov 2023 14:47

Tgt Ion:264 Resp: 28041
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.8 31.2
 265 40.4 21.7 32.5#

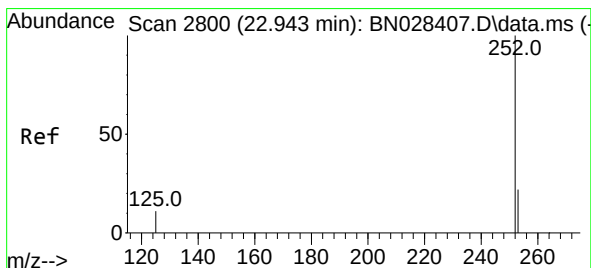
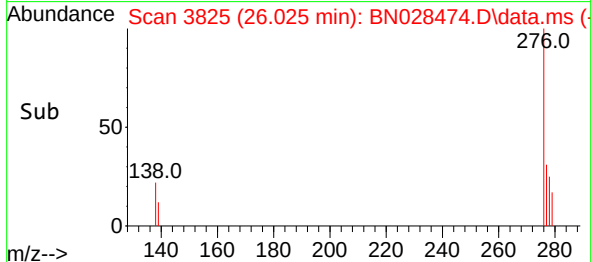
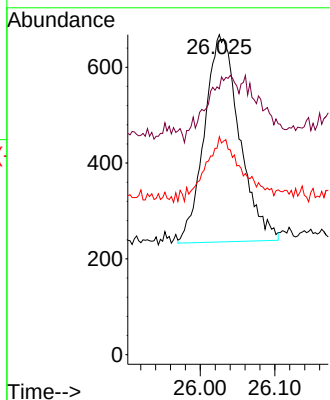
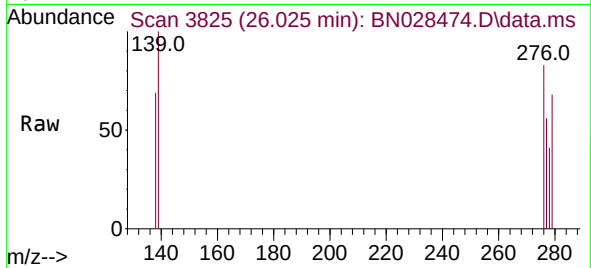




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.060 ng
 RT: 26.025 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN028474.D
 Acq: 04 Nov 2023 14:47

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-360-362

Tgt Ion:276 Resp: 1418
 Ion Ratio Lower Upper
 276 100
 138 19.9 24.1 36.1#
 277 32.1 19.7 29.5#



#37
 Benzo(b)fluoranthene
 Concen: 0.084 ng
 RT: 22.947 min Scan# 2772
 Delta R.T. 0.004 min
 Lab File: BN028474.D
 Acq: 04 Nov 2023 14:47

Tgt Ion:252 Resp: 1857
 Ion Ratio Lower Upper
 252 100
 253 70.9 18.2 27.4#
 125 125.1 10.0 15.0#

