

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
 Data File : BN028467.D
 Acq On : 04 Nov 2023 10:34
 Operator : MA/JU
 Sample : PB156879BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156879BL

Quant Time: Nov 06 04:43:48 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)

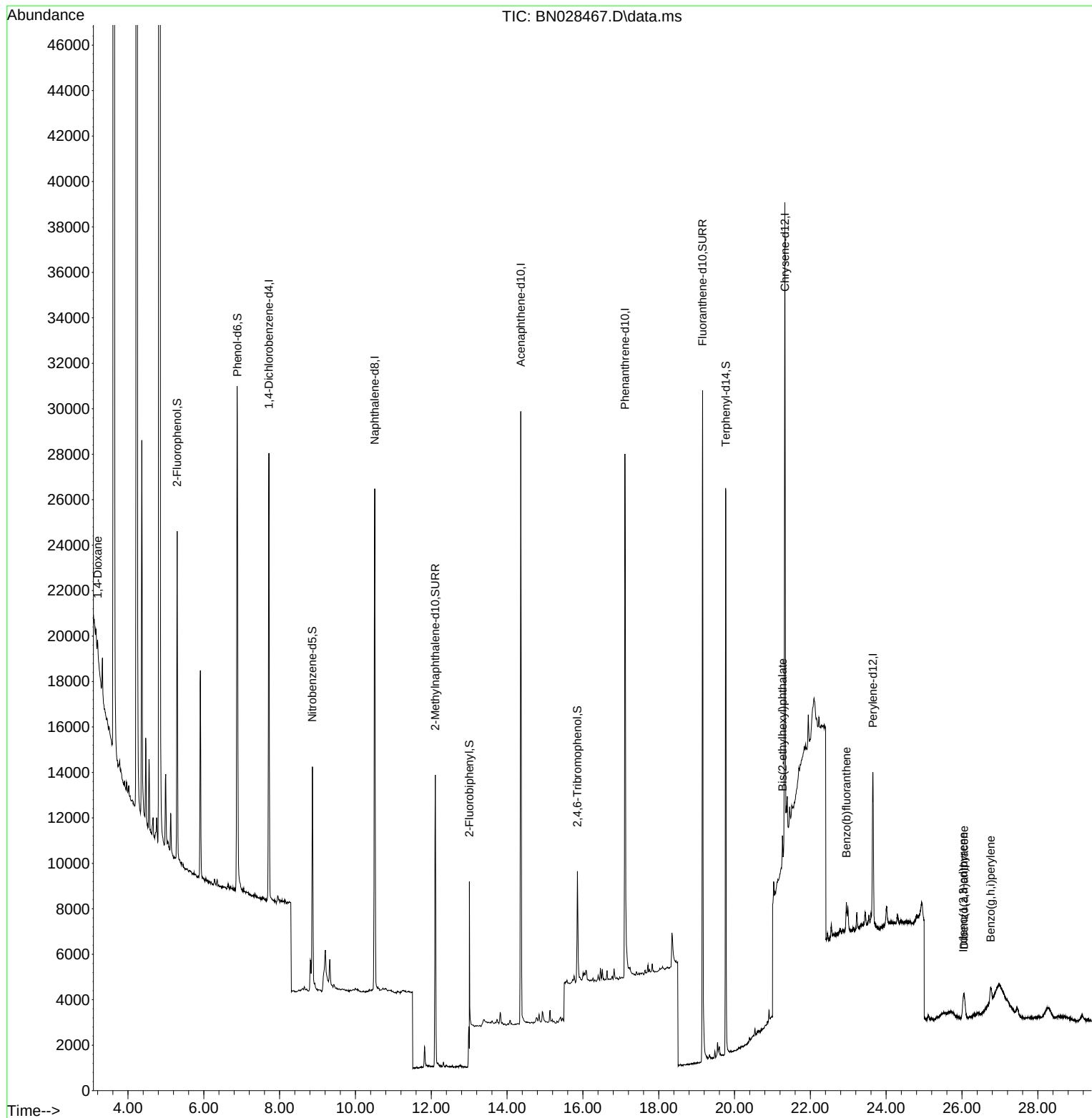
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	9344	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	28629	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	14526	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	35608	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	24990	0.400	ng	0.00
35) Perylene-d12	23.648	264	8827	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	11002	0.451	ng	0.00
5) Phenol-d6	6.886	99	12729	0.412	ng	0.00
8) Nitrobenzene-d5	8.864	82	7508	0.406	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	17140	0.419	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	2847	0.503	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	3195	0.185	ng	0.00
27) Fluoranthene-d10	19.157	212	34557	0.393	ng	0.00
31) Terphenyl-d14	19.770	244	25953	0.493	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	340	0.033	ng	# 22
34) Bis(2-ethylhexyl)phtha...	21.265	149	1430	0.028	ng	# 94
36) Indeno(1,2,3-cd)pyrene	26.034	276	1505	0.091	ng	# 84
37) Benzo(b)fluoranthene	22.953	252	1829	0.120	ng	# 1
40) Dibenzo(a,h)anthracene	26.052	278	814	0.029	ng	# 1
41) Benzo(g,h,i)perylene	26.759	276	1492	0.049	ng	# 1

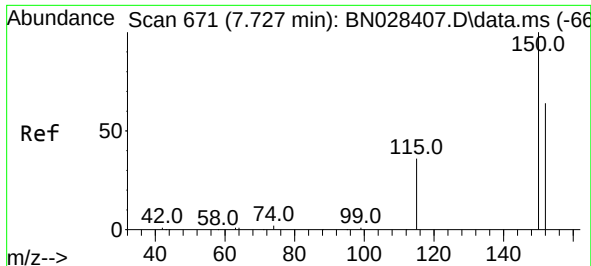
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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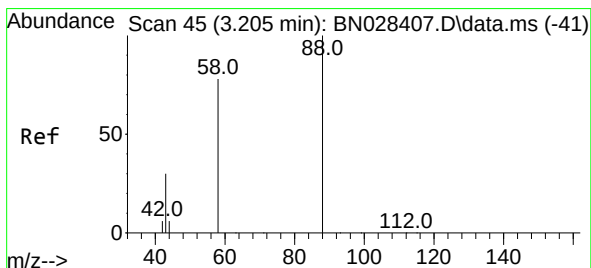
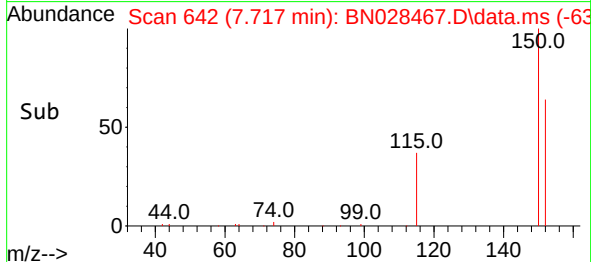
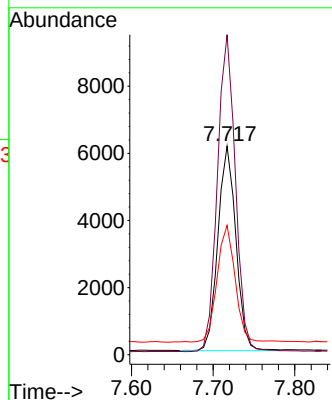
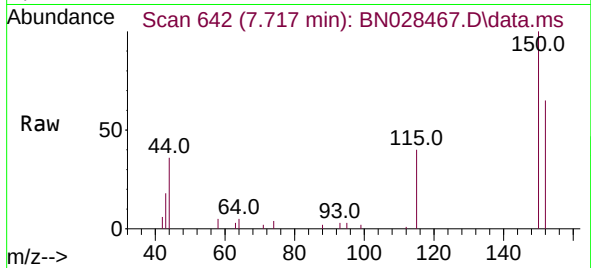




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.010 min
 Lab File: BN028467.D
 Acq: 04 Nov 2023 10:34

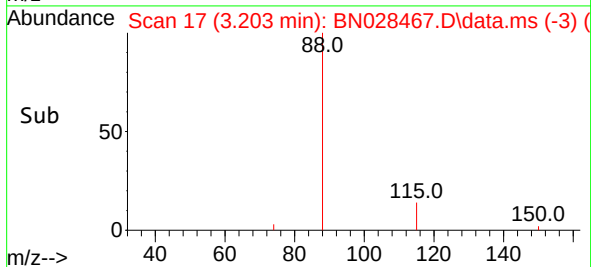
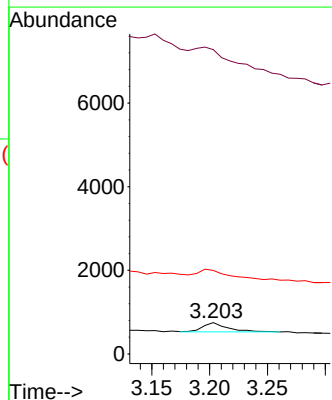
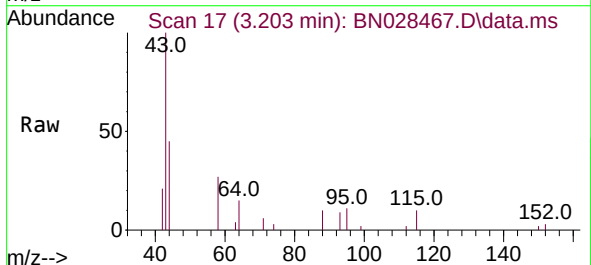
Instrument :
 BNA_N
 ClientSampleId :
 PB156879BL

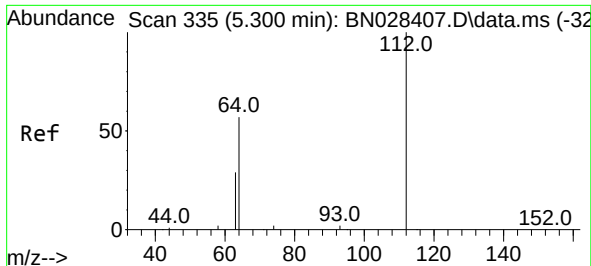
Tgt Ion:152 Resp: 9344
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.8 185.6
 115 62.0 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.203 min Scan# 17
 Delta R.T. -0.002 min
 Lab File: BN028467.D
 Acq: 04 Nov 2023 10:34

Tgt Ion: 88 Resp: 340
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.3 36.5#
 58 149.1 59.8 89.6#

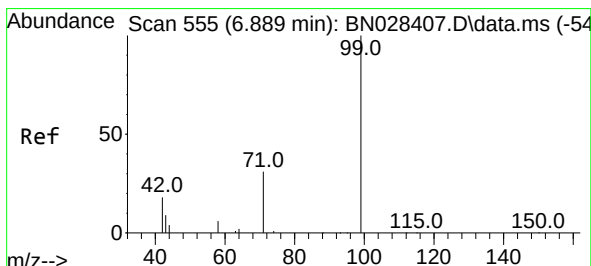
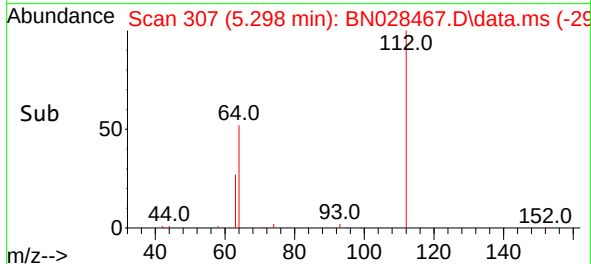
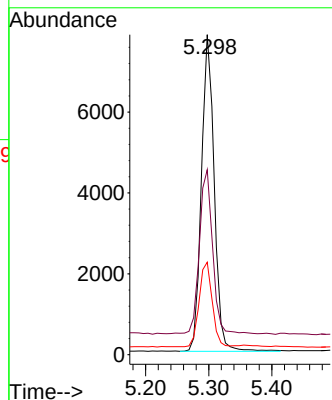
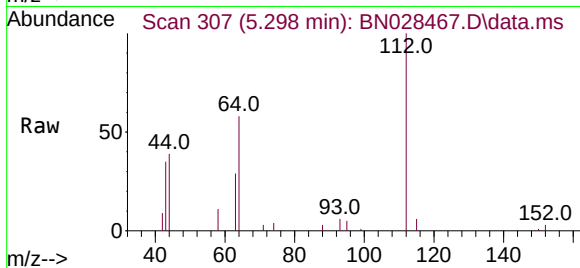




#4
2-Fluorophenol
Concen: 0.451 ng
RT: 5.298 min Scan# 30
Delta R.T. -0.002 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

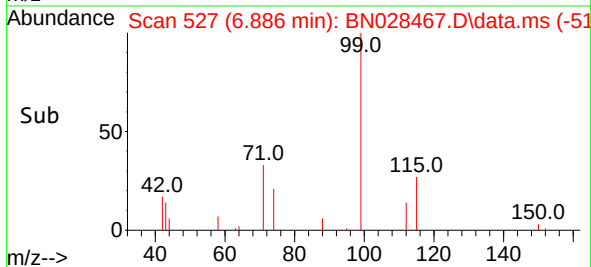
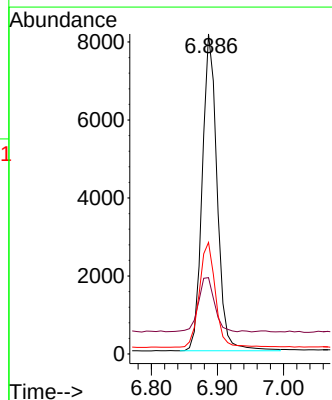
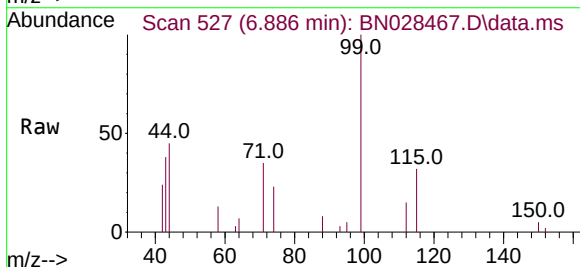
Instrument :
BNA_N
ClientSampleId :
PB156879BL

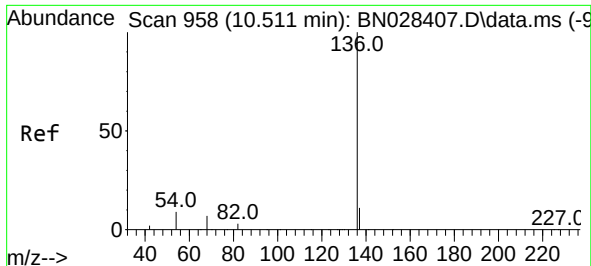
Tgt Ion:112 Resp: 11002
Ion Ratio Lower Upper
112 100
64 53.3 44.3 66.5
63 27.2 22.6 33.8



#5
Phenol-d6
Concen: 0.412 ng
RT: 6.886 min Scan# 527
Delta R.T. -0.002 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

Tgt Ion: 99 Resp: 12729
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 35.8 24.4 36.6

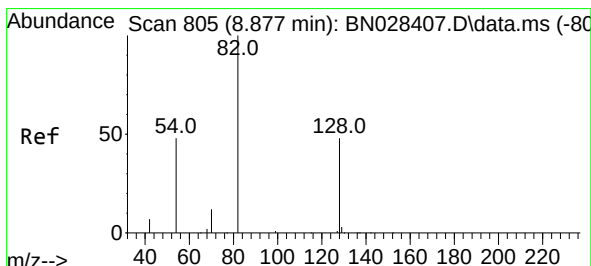
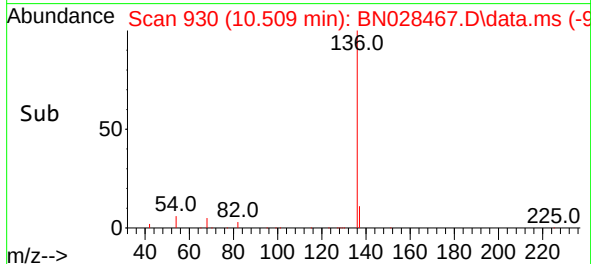
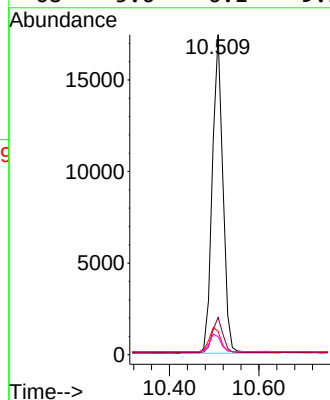
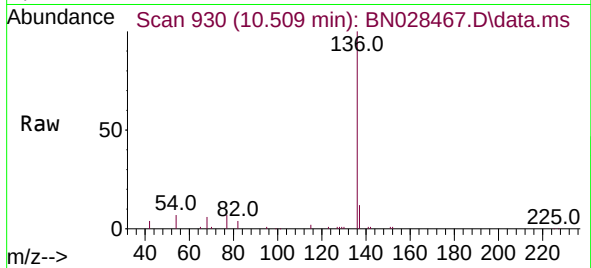




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

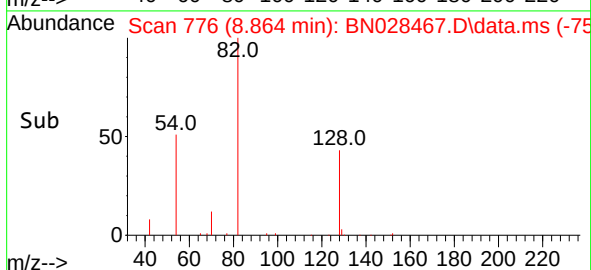
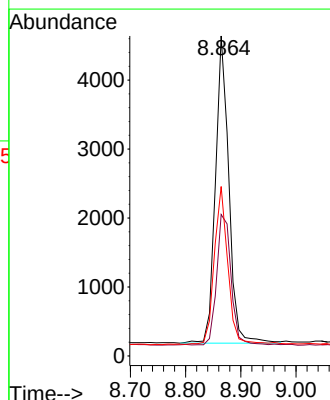
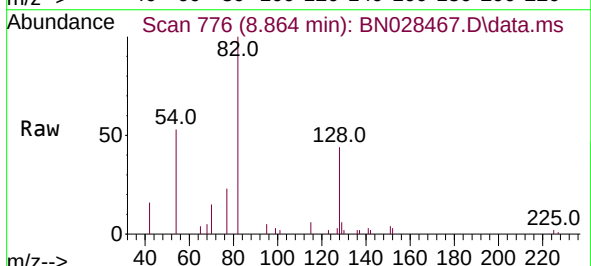
Instrument :
BNA_N
ClientSampleId :
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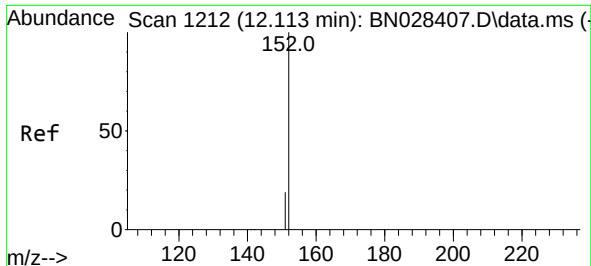
Tgt Ion:	136	Resp:	28629
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.4
54	7.2	7.9	11.9#
68	5.6	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.013 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

Tgt Ion:	82	Resp:	7508
Ion Ratio	Lower	Upper	
82	100		
128	44.2	38.8	58.2
54	52.9	40.3	60.5

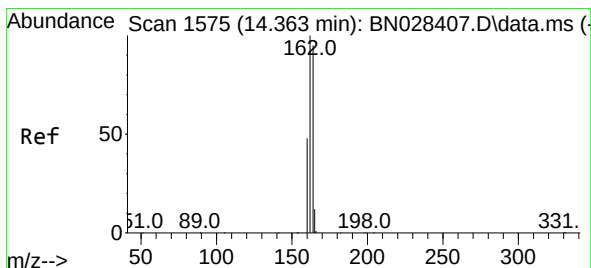
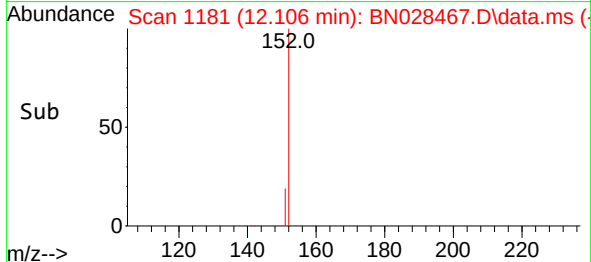
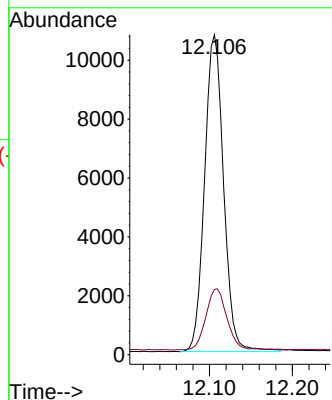
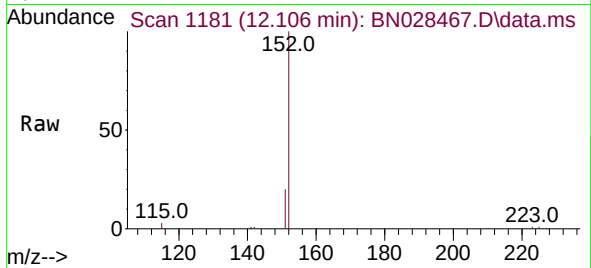




#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.106 min Scan# 111
Delta R.T. -0.007 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

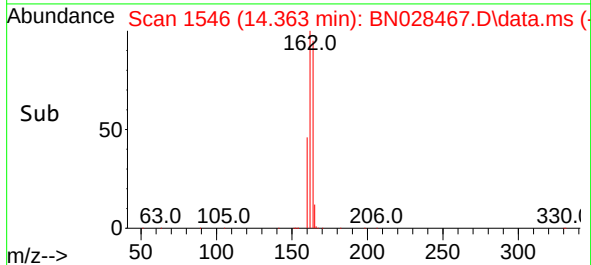
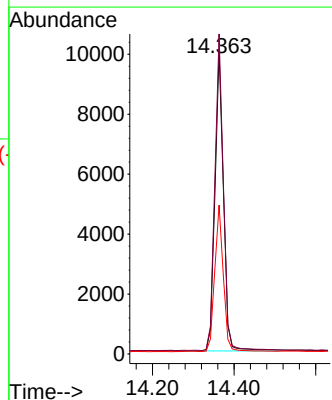
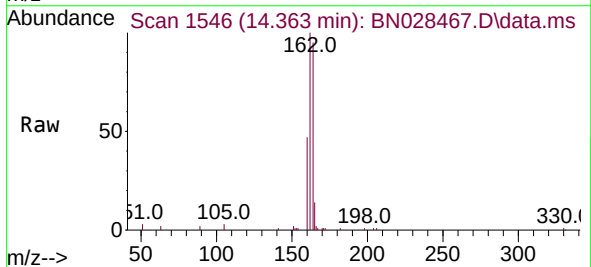
Instrument :
BNA_N
ClientSampleId :
PB156879BL

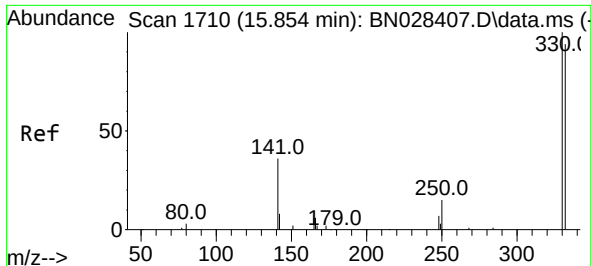
Tgt Ion:152 Resp: 17140
Ion Ratio Lower Upper
152 100
151 21.4 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 1546
Delta R.T. 0.001 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

Tgt Ion:164 Resp: 14526
Ion Ratio Lower Upper
164 100
162 105.5 84.6 127.0
160 49.1 41.3 61.9

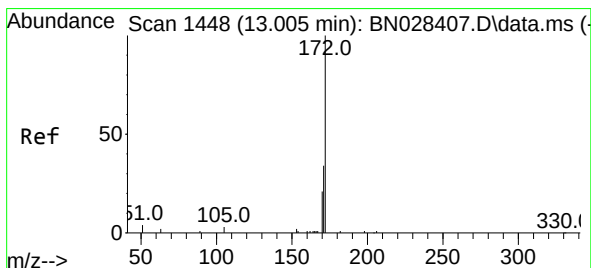
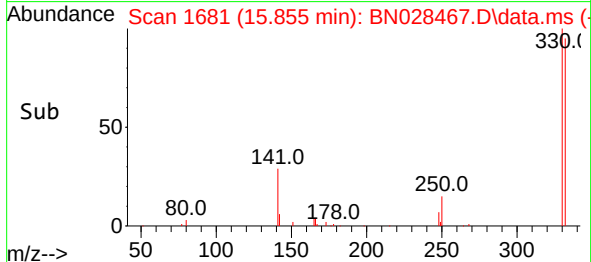
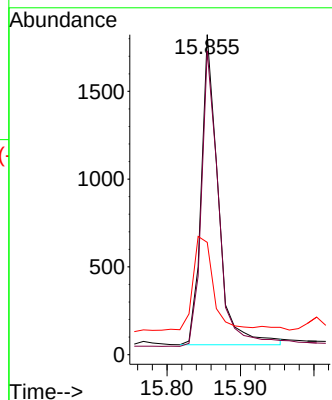
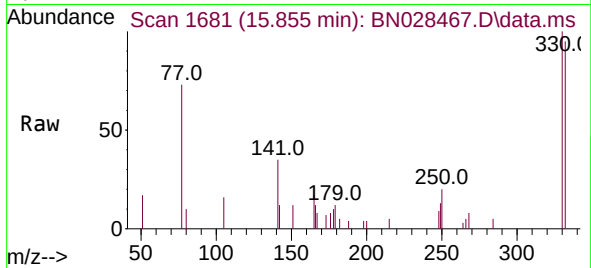




#14
2,4,6-Tribromophenol
Concen: 0.503 ng
RT: 15.855 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

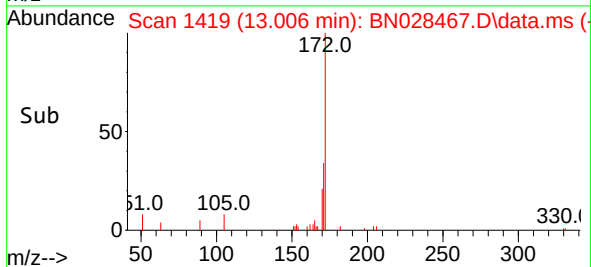
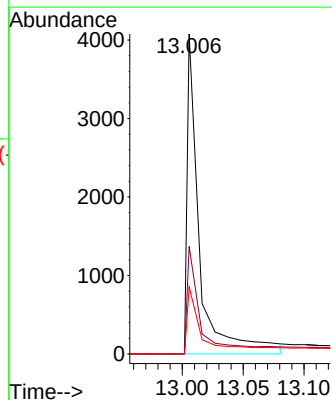
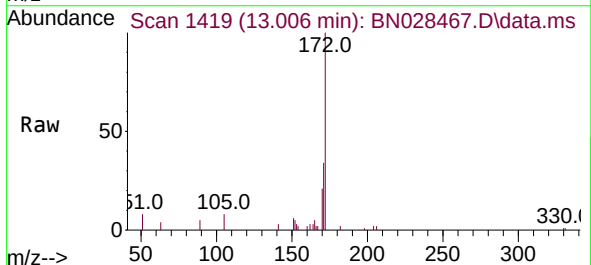
Instrument :
BNA_N
ClientSampleId :
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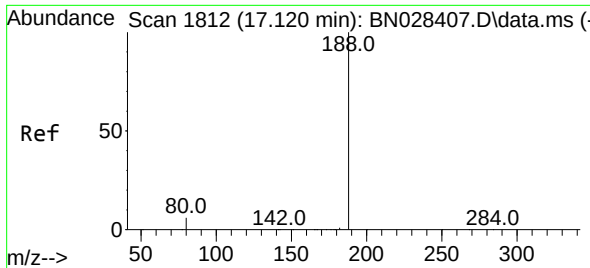
Tgt Ion: 330 Resp: 2847
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.2
141 36.0 32.8 49.2



#15
2-Fluorobiphenyl
Concen: 0.185 ng
RT: 13.006 min Scan# 1419
Delta R.T. 0.001 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

Tgt Ion: 172 Resp: 3195
Ion Ratio Lower Upper
172 100
171 33.6 27.2 40.8
170 21.0 17.1 25.7

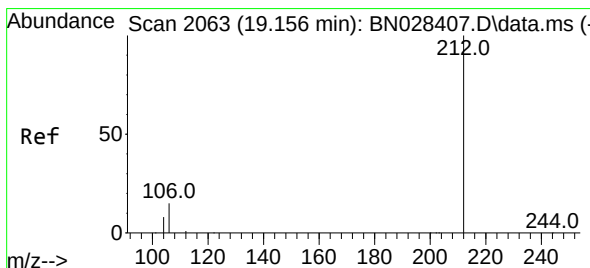
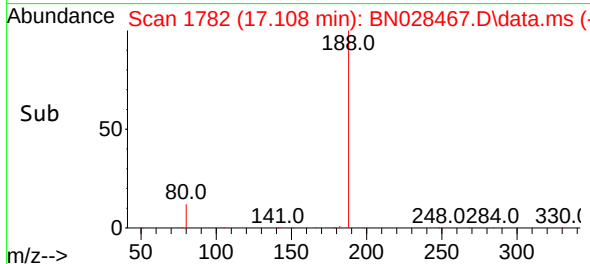
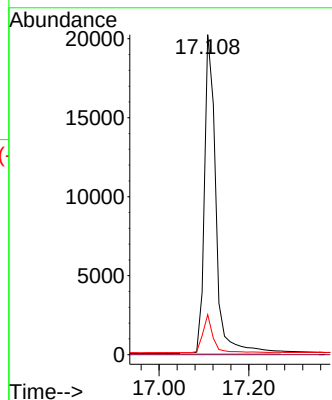
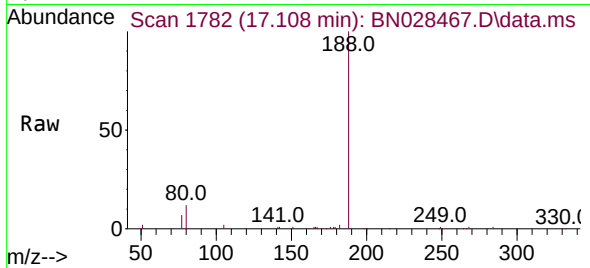




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.108 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

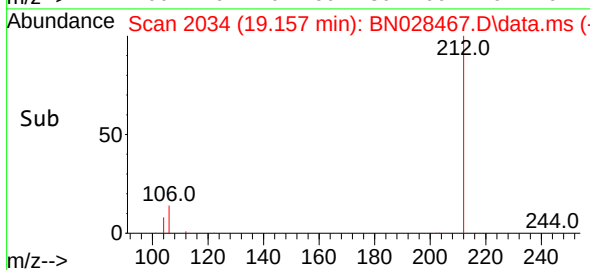
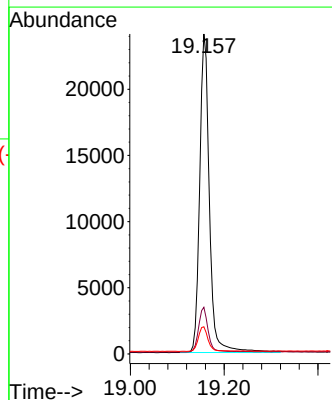
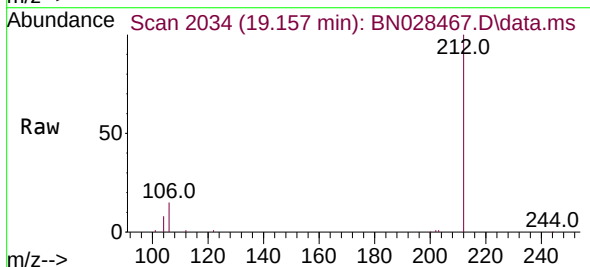
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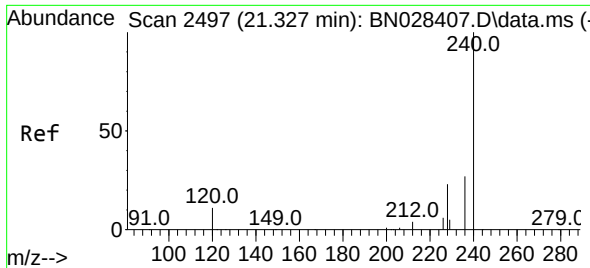
Tgt Ion:188 Resp: 35608
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 5.3 7.9#



#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.157 min Scan# 2034
Delta R.T. 0.001 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

Tgt Ion:212 Resp: 34557
Ion Ratio Lower Upper
212 100
106 13.8 11.9 17.9
104 7.7 6.7 10.1

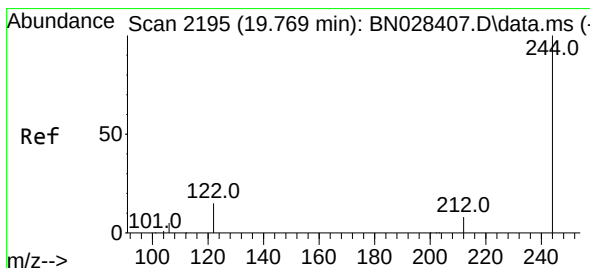
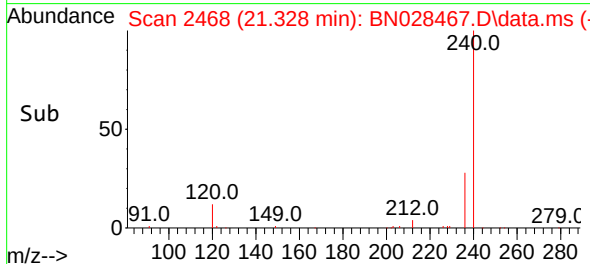
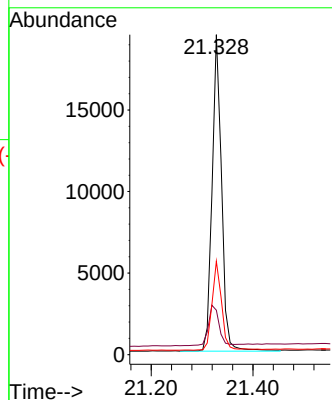
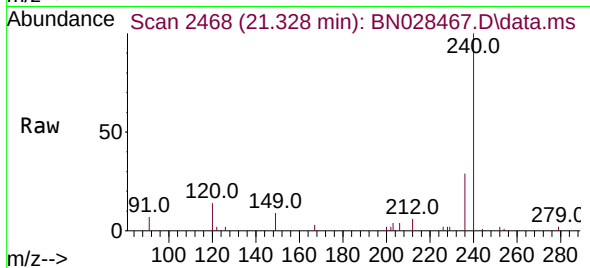




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2497
Delta R.T. 0.001 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

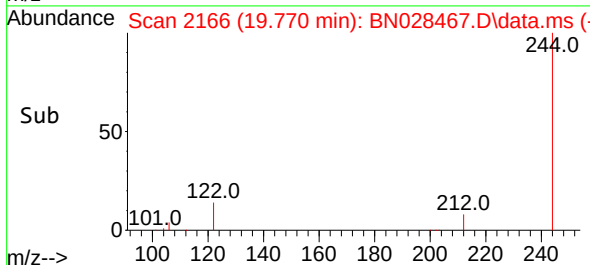
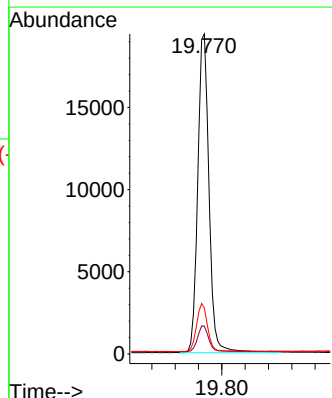
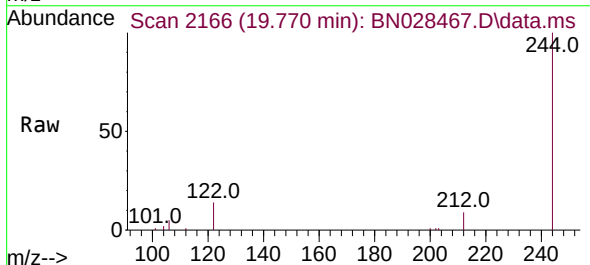
Instrument :
BNA_N
ClientSampleId :
PB156879BL

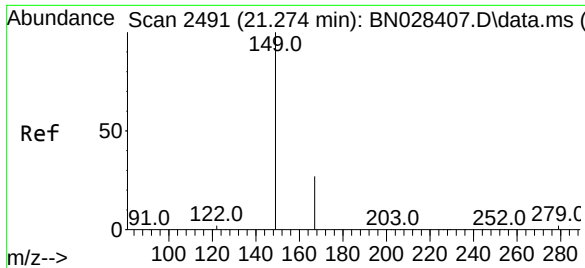
Tgt Ion:240 Resp: 24990
Ion Ratio Lower Upper
240 100
120 13.9 9.8 14.6
236 29.2 22.2 33.2



#31
Terphenyl-d14
Concen: 0.493 ng
RT: 19.770 min Scan# 2166
Delta R.T. 0.001 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

Tgt Ion:244 Resp: 25953
Ion Ratio Lower Upper
244 100
212 8.7 6.6 10.0
122 14.3 12.6 19.0

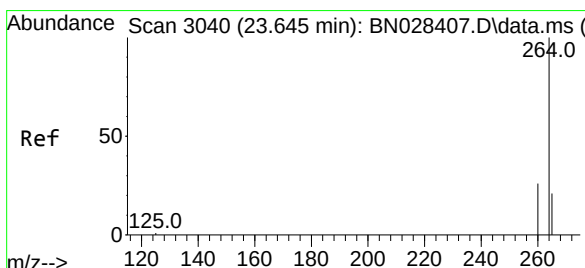
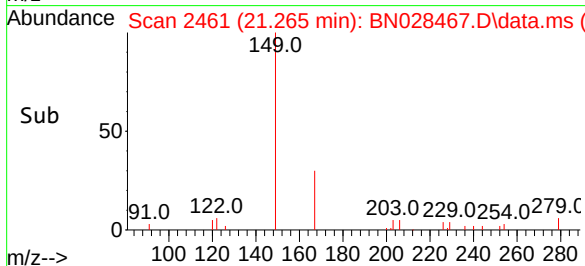
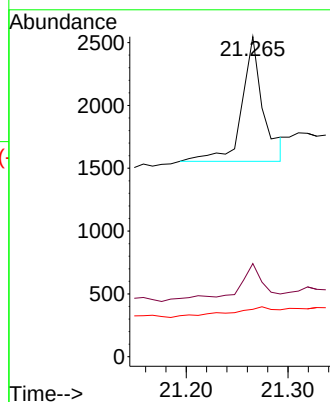
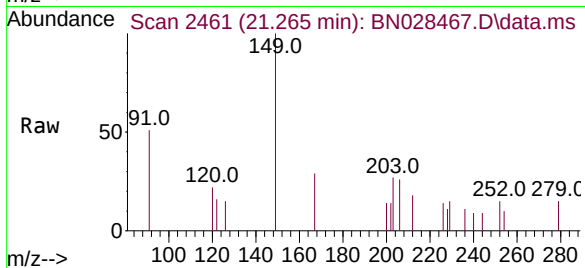




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.028 ng
 RT: 21.265 min Scan# 2491
 Delta R.T. -0.009 min
 Lab File: BN028467.D
 Acq: 04 Nov 2023 10:34

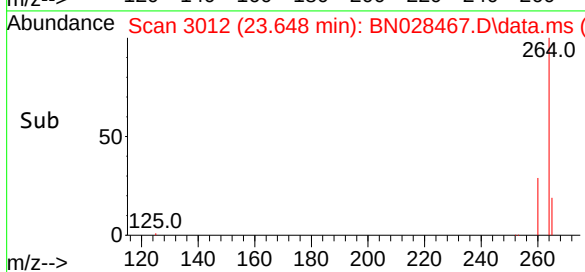
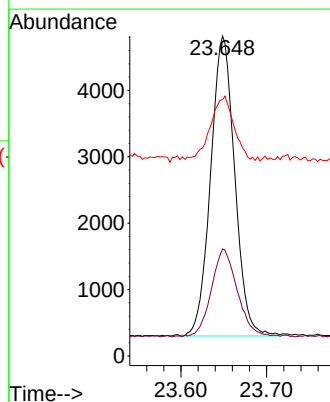
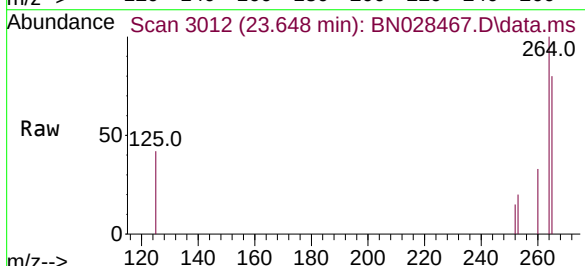
Instrument :
 BNA_N
 ClientSampleId :
 PB156879BL

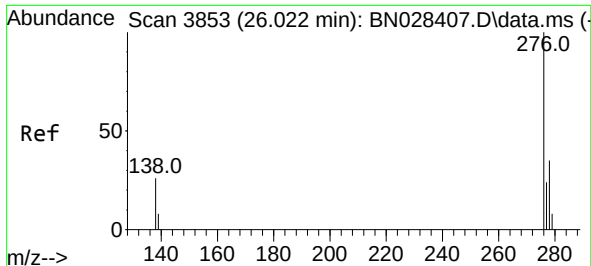
Tgt Ion:149 Resp: 1430
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.4 32.0
 279 13.5 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.648 min Scan# 3012
 Delta R.T. 0.004 min
 Lab File: BN028467.D
 Acq: 04 Nov 2023 10:34

Tgt Ion:264 Resp: 8827
 Ion Ratio Lower Upper
 264 100
 260 33.4 20.8 31.2#
 265 80.1 21.7 32.5#

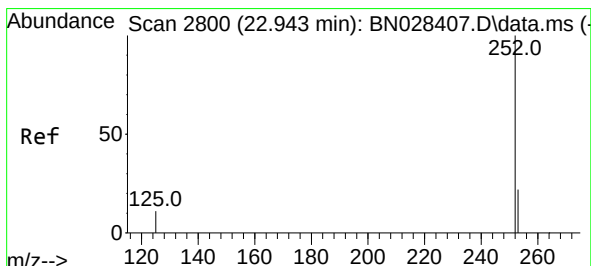
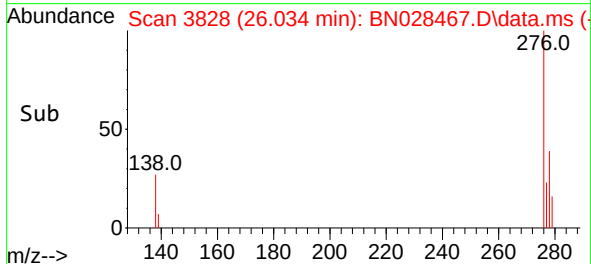
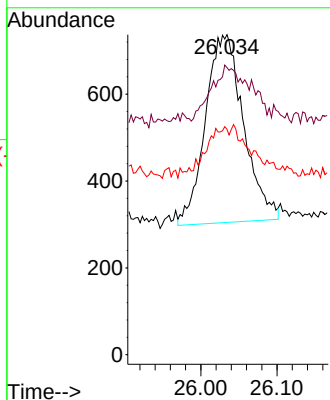
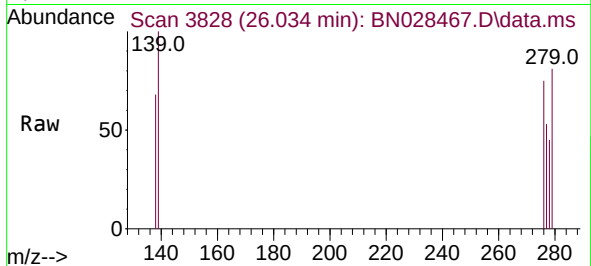




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.091 ng
RT: 26.034 min Scan# 31
Delta R.T. 0.012 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

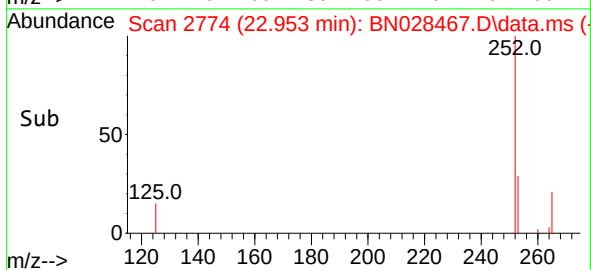
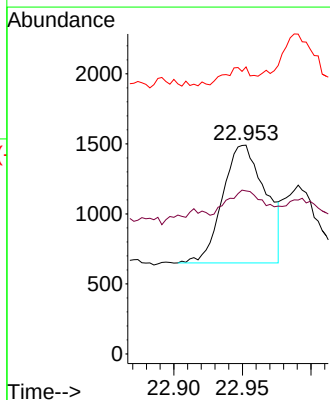
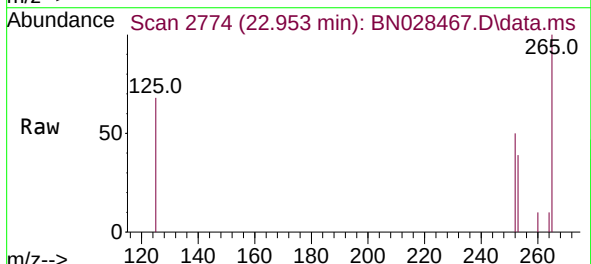
Instrument :
BNA_N
ClientSampleId :
PB156879BL

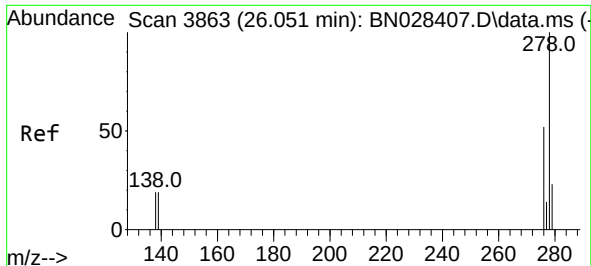
Tgt Ion:276 Resp: 1505
Ion Ratio Lower Upper
276 100
138 24.2 24.1 36.1
277 13.0 19.7 29.5#



#37
Benzo(b)fluoranthene
Concen: 0.120 ng
RT: 22.953 min Scan# 2774
Delta R.T. 0.010 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

Tgt Ion:252 Resp: 1829
Ion Ratio Lower Upper
252 100
253 78.1 18.2 27.4#
125 137.5 10.0 15.0#

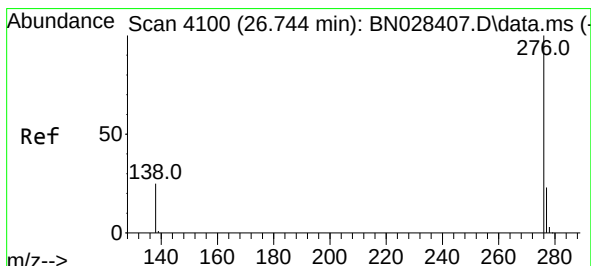
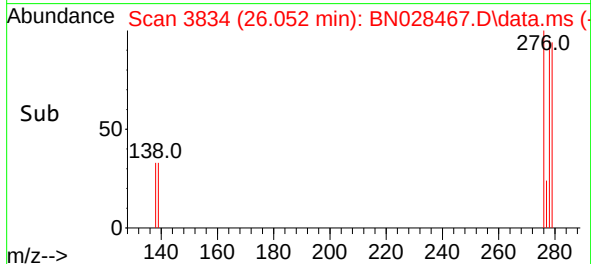
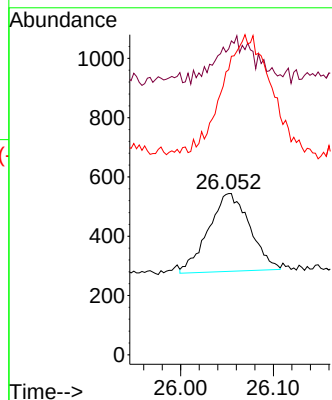
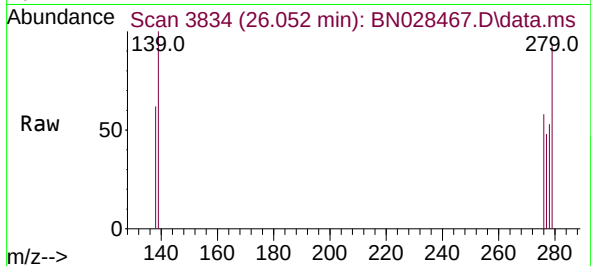




#40
Dibenzo(a,h)anthracene
Concen: 0.029 ng
RT: 26.052 min Scan# 3863
Delta R.T. 0.001 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

Instrument :
BNA_N
ClientSampleId :
PB156879BL

Tgt Ion:278 Resp: 814
Ion Ratio Lower Upper
278 100
139 189.7 15.8 23.8#
279 176.8 19.7 29.5#



#41
Benzo(g,h,i)perylene
Concen: 0.049 ng
RT: 26.759 min Scan# 4076
Delta R.T. 0.015 min
Lab File: BN028467.D
Acq: 04 Nov 2023 10:34

Tgt Ion:276 Resp: 1492
Ion Ratio Lower Upper
276 100
277 71.5 19.0 28.4#
138 87.4 21.1 31.7#

