

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
 Data File : BN028476.D
 Acq On : 04 Nov 2023 15:59
 Operator : MA/JU
 Sample : 05242-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20231102

Quant Time: Nov 06 04:46:25 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)

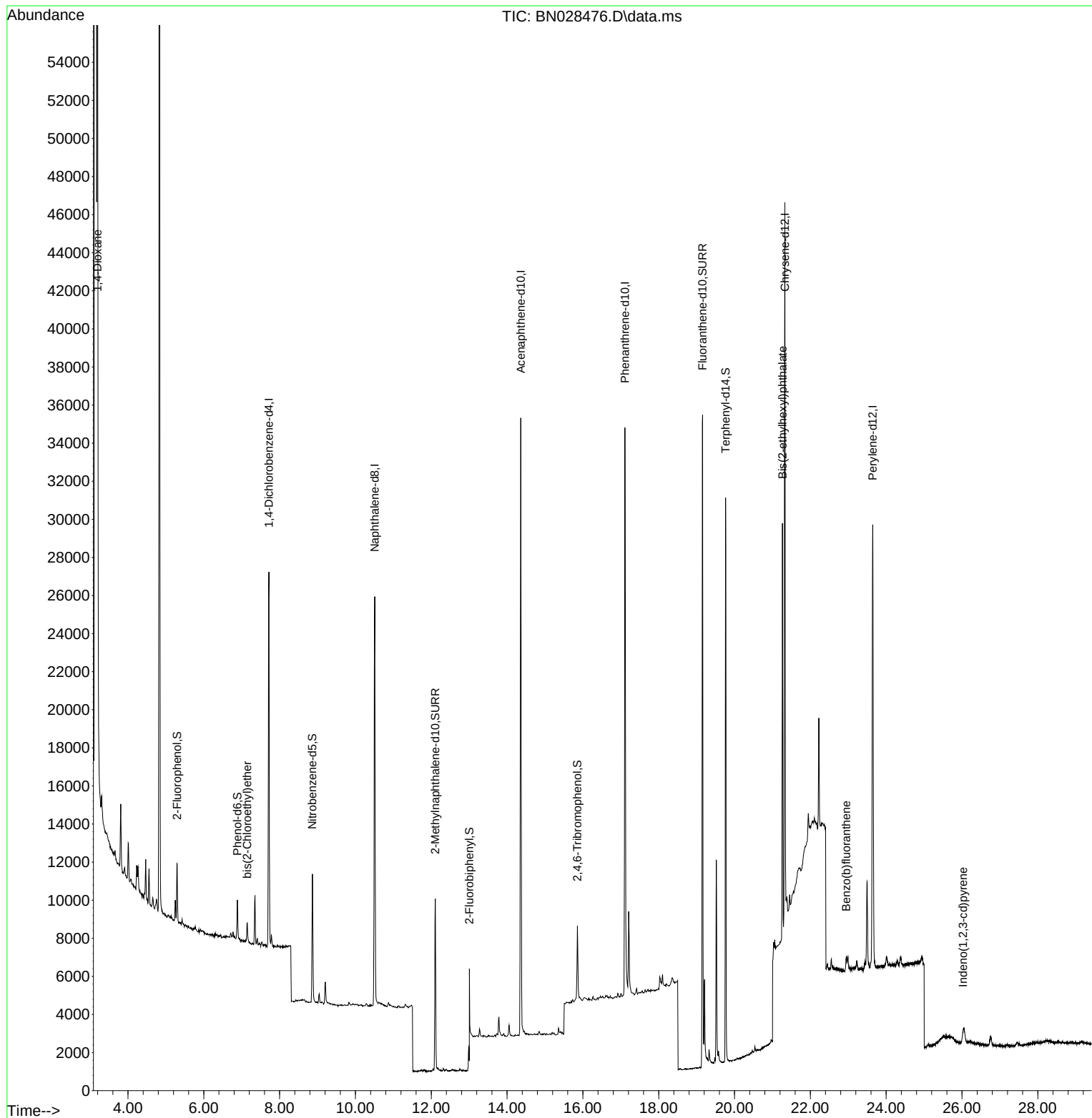
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	9390	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	28797	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	18240	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	41961	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	33676	0.400	ng	0.00
35) Perylene-d12	23.646	264	31031	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	2510	0.102	ng	0.00
5) Phenol-d6	6.887	99	1834	0.059	ng	0.00
8) Nitrobenzene-d5	8.865	82	5331	0.286	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	12301	0.299	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	2462	0.346	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	2120	0.098	ng	0.00
27) Fluoranthene-d10	19.157	212	38991	0.376	ng	0.00
31) Terphenyl-d14	19.765	244	28570	0.403	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.196	88	36960	3.554	ng	98
6) bis(2-Chloroethyl)ether	7.147	93	784	0.029	ng	94
34) Bis(2-ethylhexyl)phtha...	21.265	149	18837	0.273	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.025	276	1043	0.056	ng	# 85
37) Benzo(b)fluoranthene	22.947	252	1366	0.079	ng	# 1

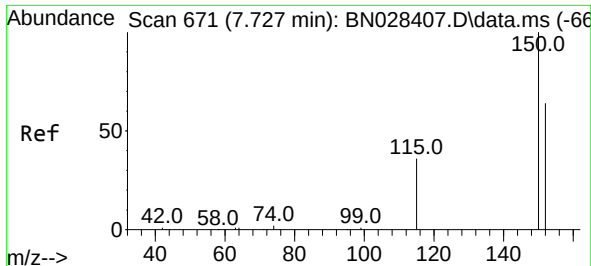
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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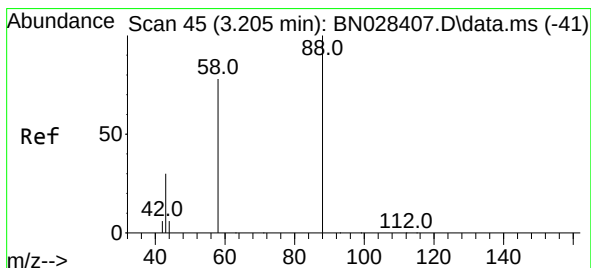
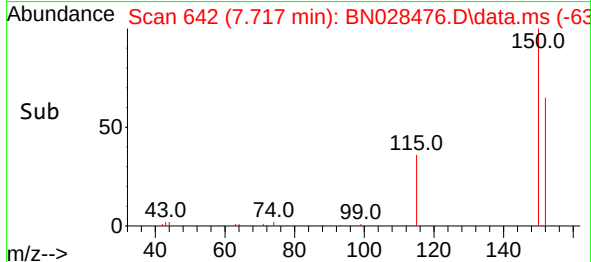
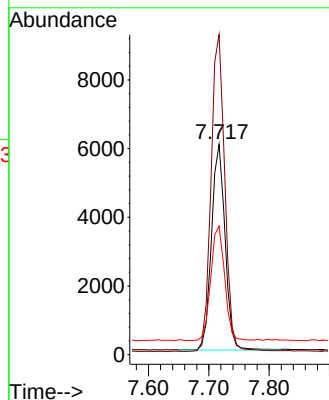
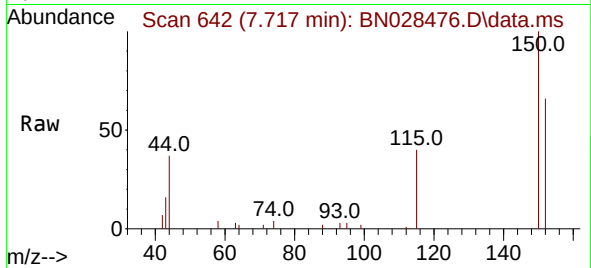




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.010 min
 Lab File: BN028476.D
 Acq: 04 Nov 2023 15:59

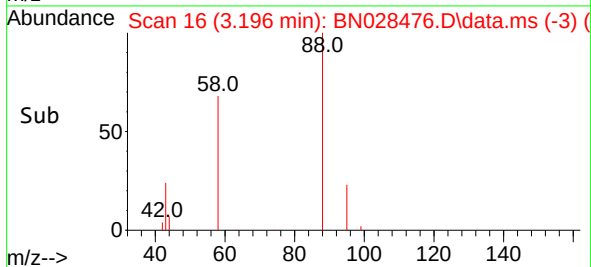
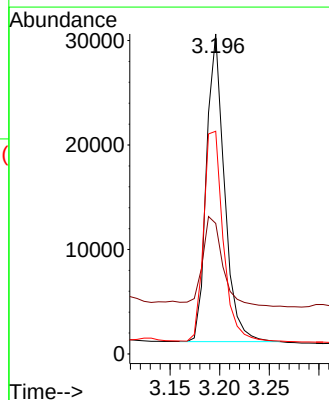
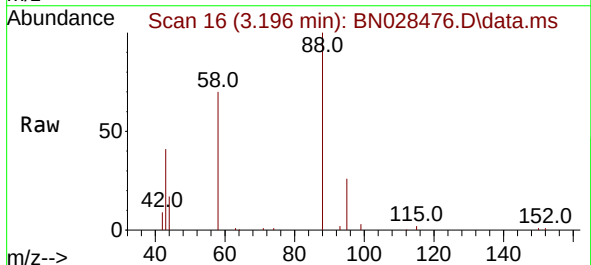
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20231102

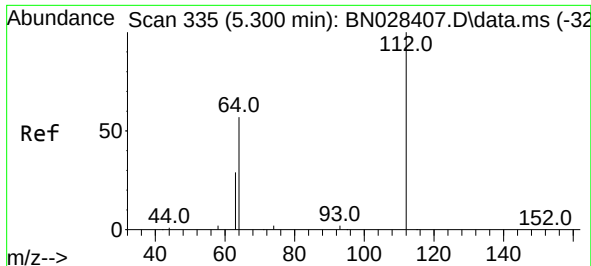
Tgt Ion:152 Resp: 9390
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.8 185.6
 115 61.1 47.0 70.6



#2
 1,4-Dioxane
 Concen: 3.554 ng
 RT: 3.196 min Scan# 16
 Delta R.T. -0.010 min
 Lab File: BN028476.D
 Acq: 04 Nov 2023 15:59

Tgt Ion: 88 Resp: 36960
 Ion Ratio Lower Upper
 88 100
 43 32.8 24.3 36.5
 58 74.3 59.8 89.6

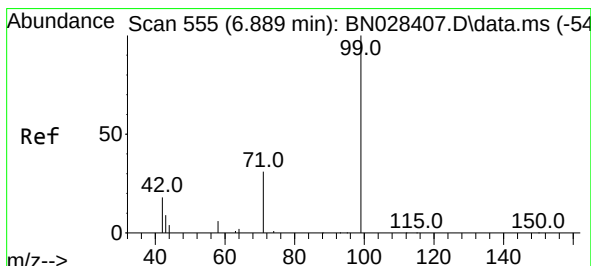
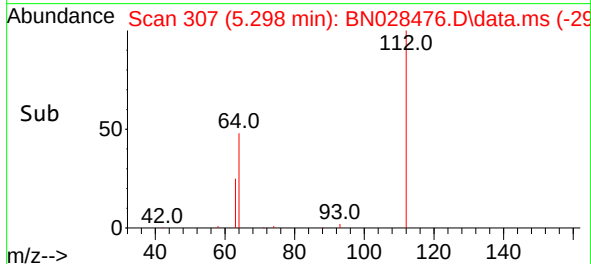
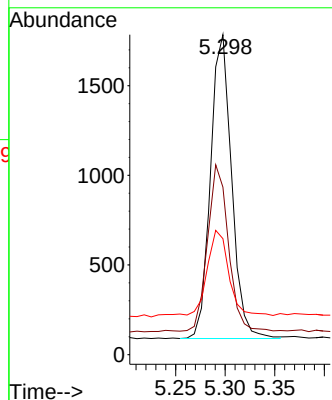
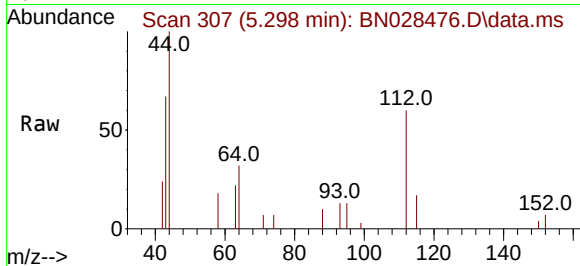




#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.002 min
Lab File: BN028476.D
Acq: 04 Nov 2023 15:59

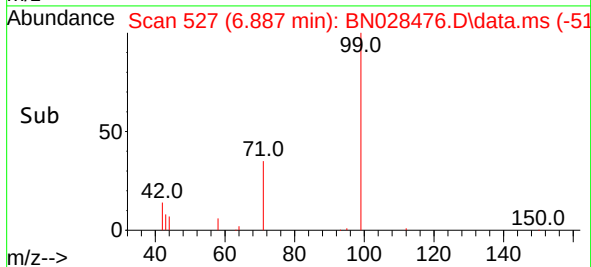
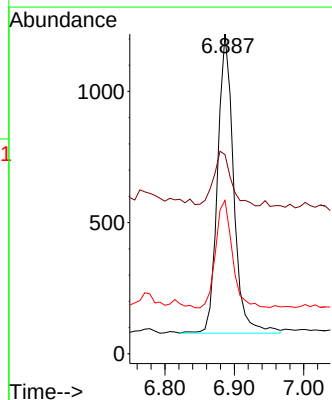
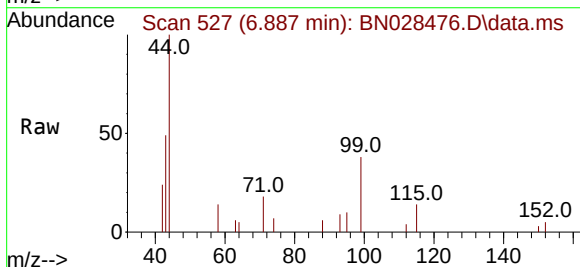
Instrument :
BNA_N
ClientSampleId :
SP-100-20231102

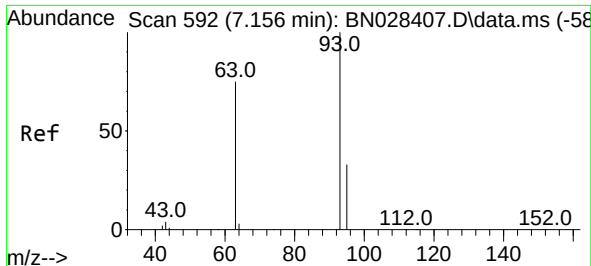
Tgt Ion:112 Resp: 2510
Ion Ratio Lower Upper
112 100
64 55.3 44.3 66.5
63 30.4 22.6 33.8



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.002 min
Lab File: BN028476.D
Acq: 04 Nov 2023 15:59

Tgt Ion: 99 Resp: 1834
Ion Ratio Lower Upper
99 100
42 19.7 15.4 23.0
71 37.4 24.4 36.6#

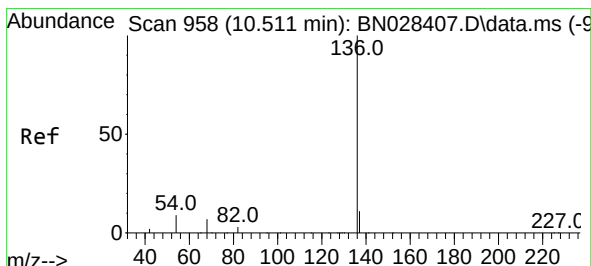
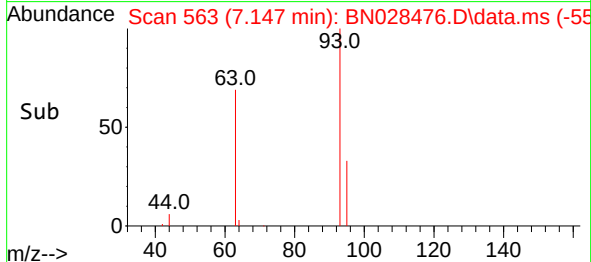
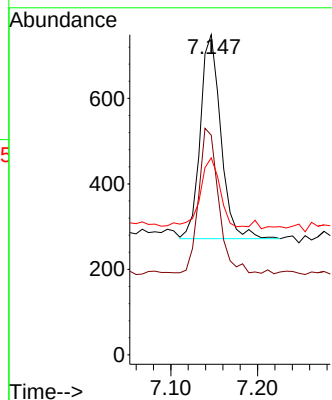
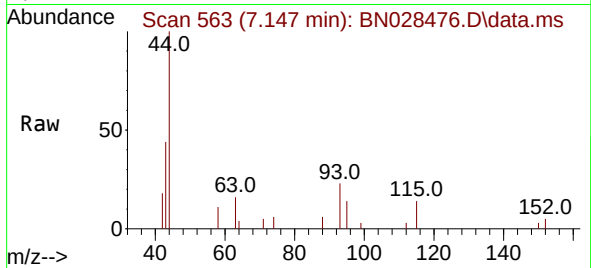




#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 7.147 min Scan# 50
Delta R.T. -0.009 min
Lab File: BN028476.D
Acq: 04 Nov 2023 15:59

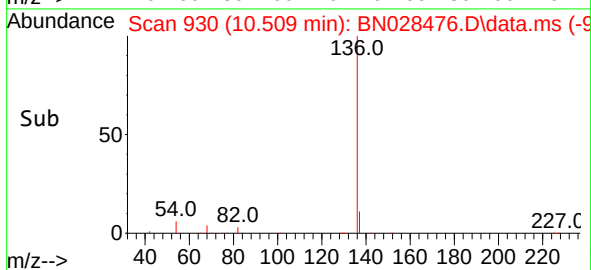
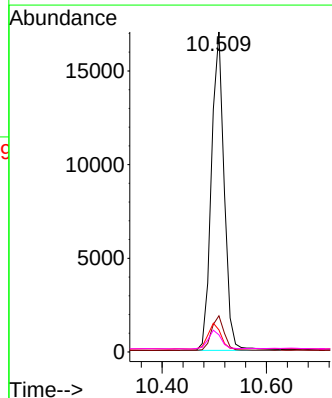
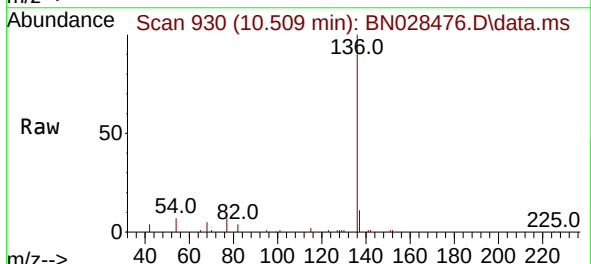
Instrument :
BNA_N
ClientSampleId :
SP-100-20231102

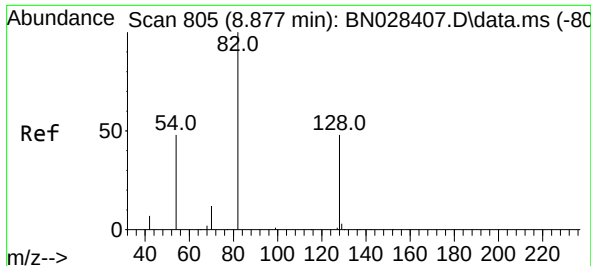
Tgt Ion: 93 Resp: 784
Ion Ratio Lower Upper
93 100
63 69.4 61.4 92.0
95 31.8 26.1 39.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.002 min
Lab File: BN028476.D
Acq: 04 Nov 2023 15:59

Tgt Ion: 136 Resp: 28797
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 6.9 7.9 11.9#
68 5.4 6.1 9.1#

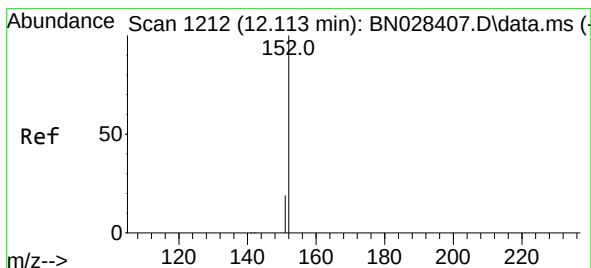
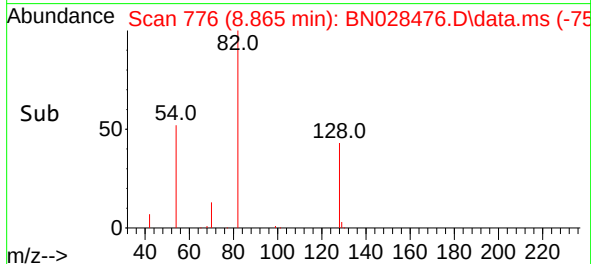
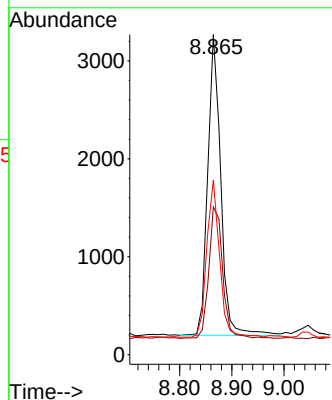
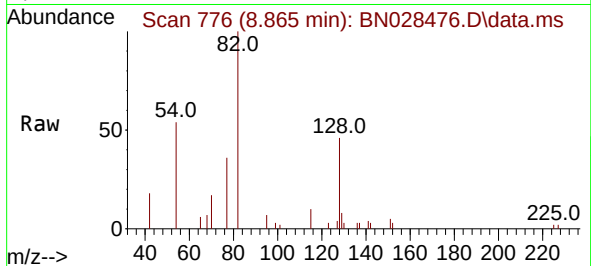




#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.013 min
Lab File: BN028476.D
Acq: 04 Nov 2023 15:59

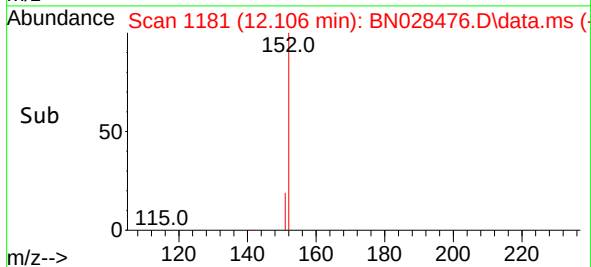
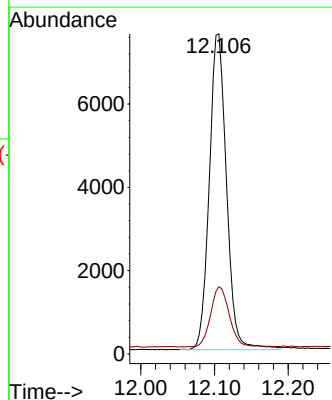
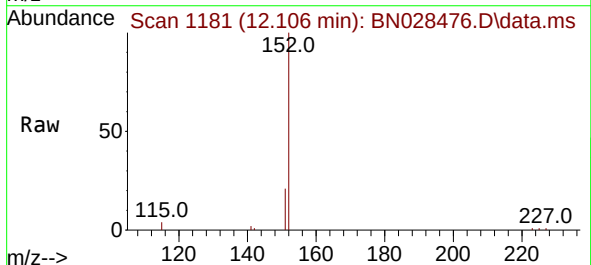
Instrument :
BNA_N
ClientSampleId :
SP-100-20231102

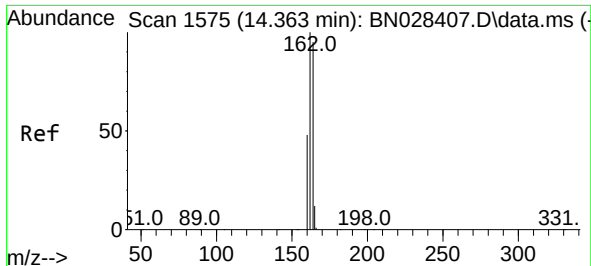
Tgt Ion: 82 Resp: 5331
Ion Ratio Lower Upper
82 100
128 46.1 38.8 58.2
54 54.5 40.3 60.5



#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 12.106 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BN028476.D
Acq: 04 Nov 2023 15:59

Tgt Ion:152 Resp: 12301
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6

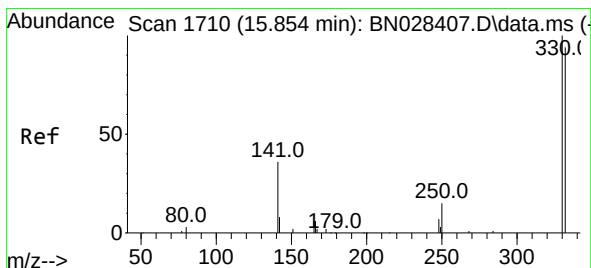
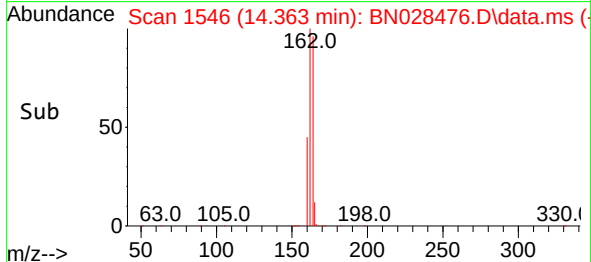
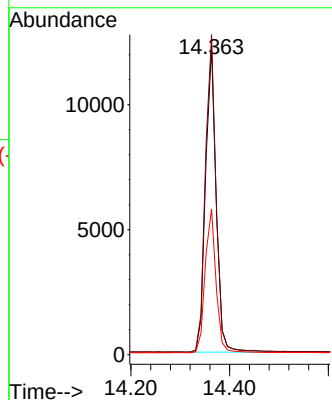
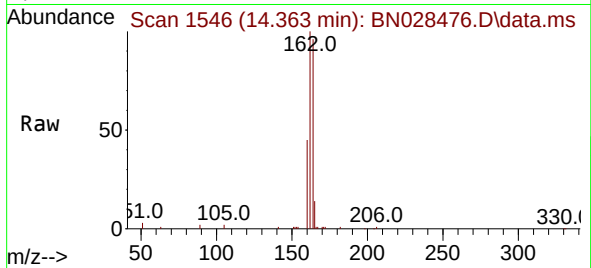




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN028476.D
Acq: 04 Nov 2023 15:59

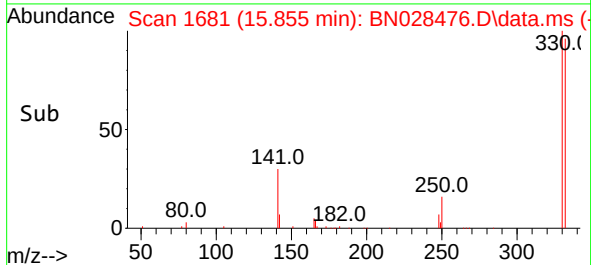
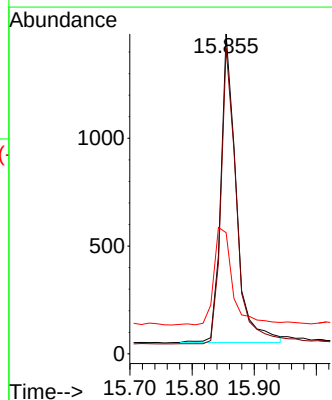
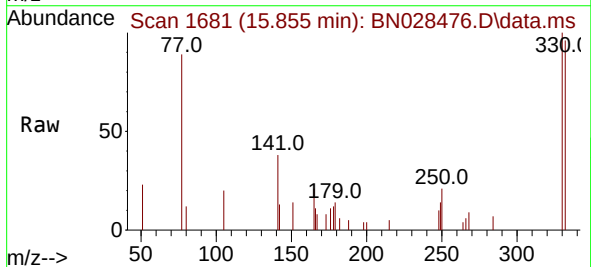
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ClientSampleId :
SP-100-20231102

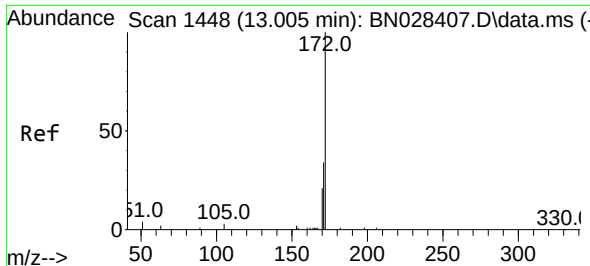
Tgt Ion:164 Resp: 18240
Ion Ratio Lower Upper
164 100
162 104.1 84.6 127.0
160 47.3 41.3 61.9



#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.855 min Scan# 1681
Delta R.T. 0.001 min
Lab File: BN028476.D
Acq: 04 Nov 2023 15:59

Tgt Ion:330 Resp: 2462
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.2
141 37.1 32.8 49.2

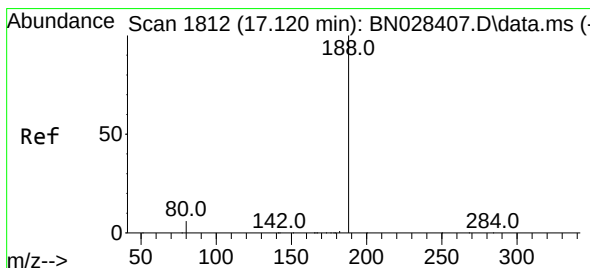
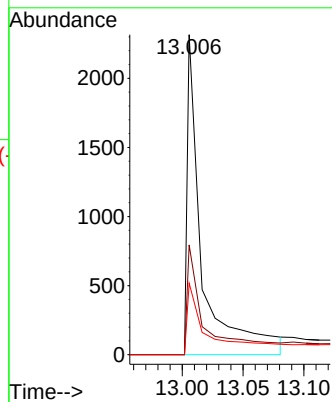
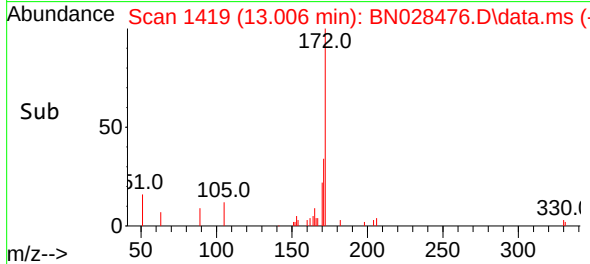
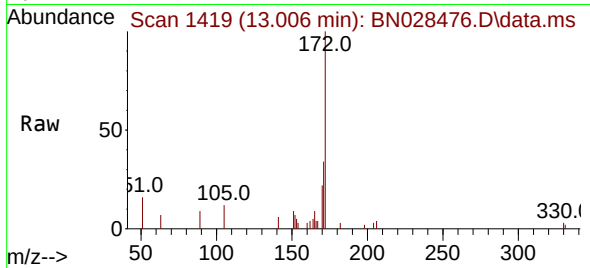




#15
2-Fluorobiphenyl
Concen: 0.098 ng
RT: 13.006 min Scan# 1448
Delta R.T. 0.001 min
Lab File: BN028476.D
Acq: 04 Nov 2023 15:59

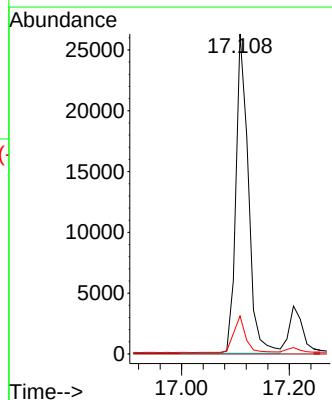
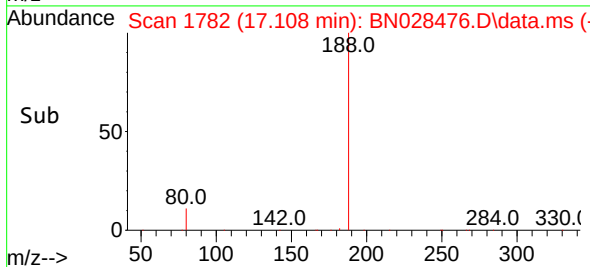
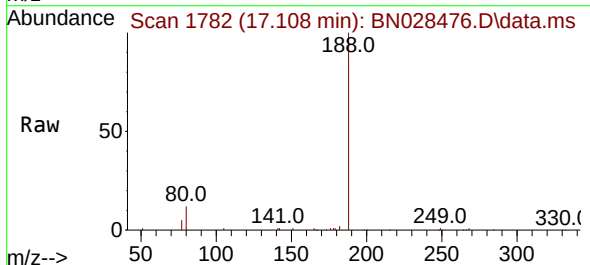
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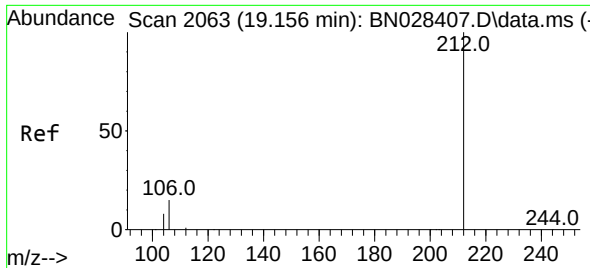
Tgt Ion:172 Resp: 2120
Ion Ratio Lower Upper
172 100
171 34.3 27.2 40.8
170 22.4 17.1 25.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.108 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BN028476.D
Acq: 04 Nov 2023 15:59

Tgt Ion:188 Resp: 41961
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 5.3 7.9#

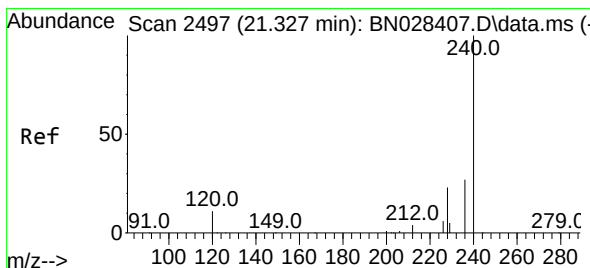
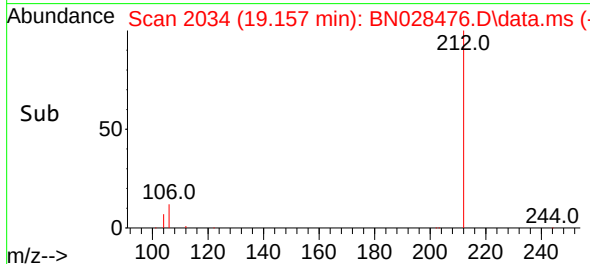
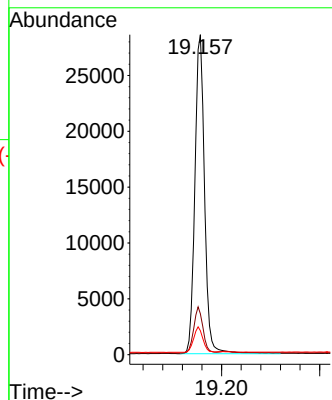
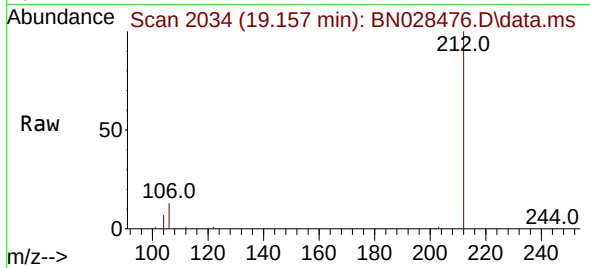




#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.157 min Scan# 2063
Delta R.T. 0.001 min
Lab File: BN028476.D
Acq: 04 Nov 2023 15:59

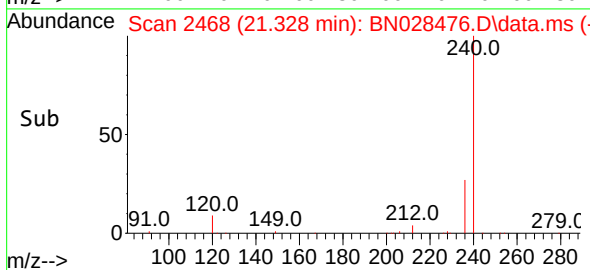
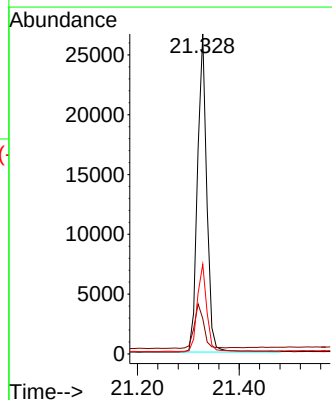
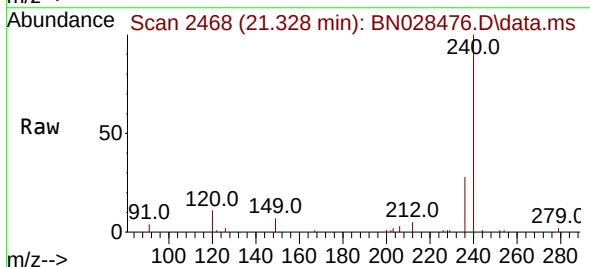
Instrument :
BNA_N
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SP-100-20231102

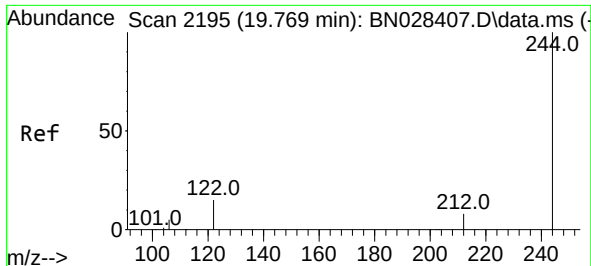
Tgt Ion:212 Resp: 38991
Ion Ratio Lower Upper
212 100
106 13.9 11.9 17.9
104 7.6 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2468
Delta R.T. 0.001 min
Lab File: BN028476.D
Acq: 04 Nov 2023 15:59

Tgt Ion:240 Resp: 33676
Ion Ratio Lower Upper
240 100
120 11.1 9.8 14.6
236 28.0 22.2 33.2

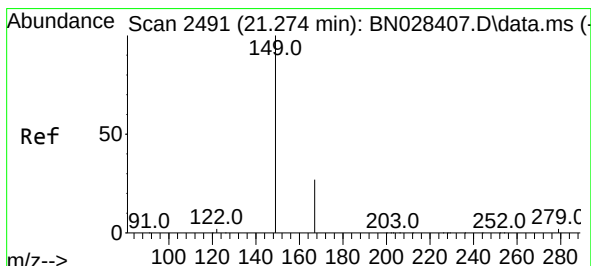
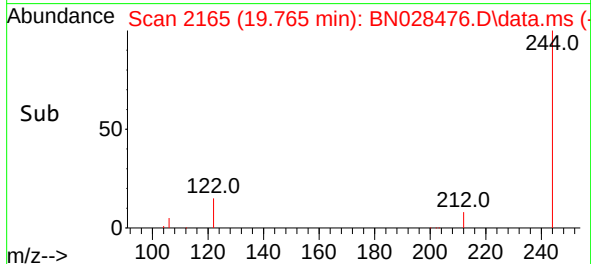
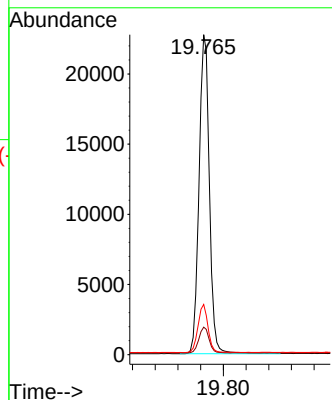
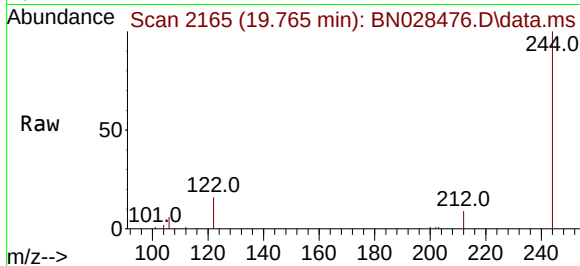




#31
 Terphenyl-d14
 Concen: 0.403 ng
 RT: 19.765 min Scan# 2195
 Delta R.T. -0.004 min
 Lab File: BN028476.D
 Acq: 04 Nov 2023 15:59

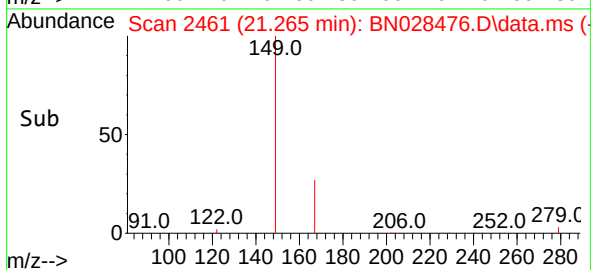
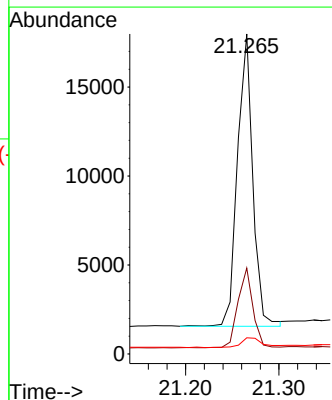
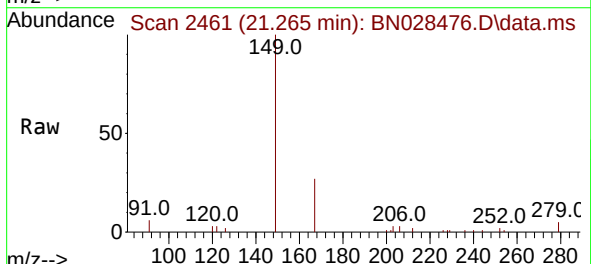
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20231102

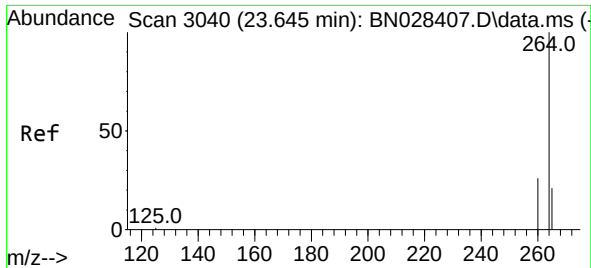
Tgt Ion:244 Resp: 28570
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 15.7 12.6 19.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.273 ng
 RT: 21.265 min Scan# 2461
 Delta R.T. -0.009 min
 Lab File: BN028476.D
 Acq: 04 Nov 2023 15:59

Tgt Ion:149 Resp: 18837
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.4 32.0
 279 4.7 2.3 3.5#

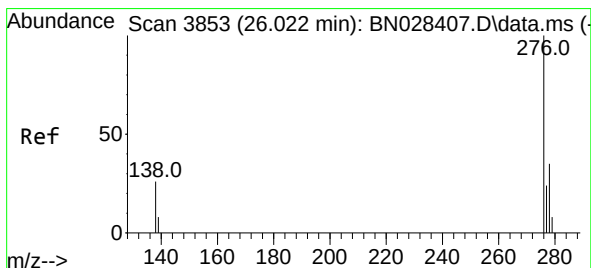
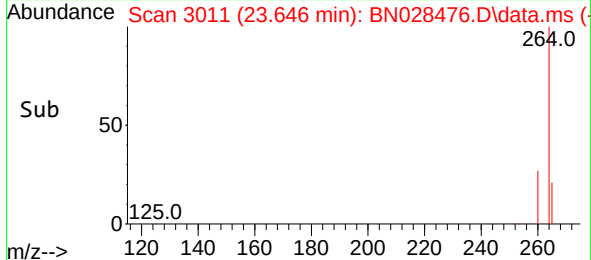
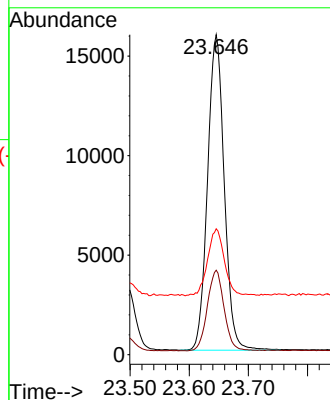
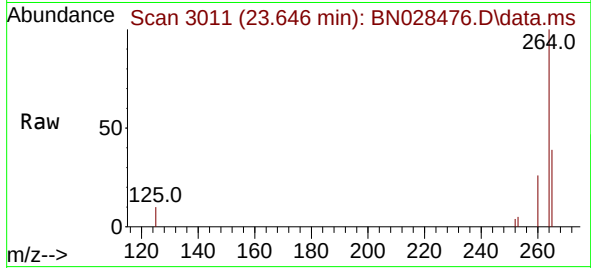




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.646 min Scan# 3040
 Delta R.T. 0.001 min
 Lab File: BN028476.D
 Acq: 04 Nov 2023 15:59

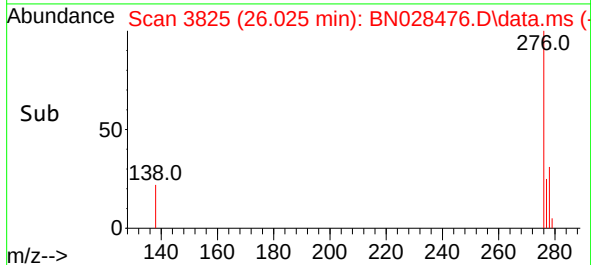
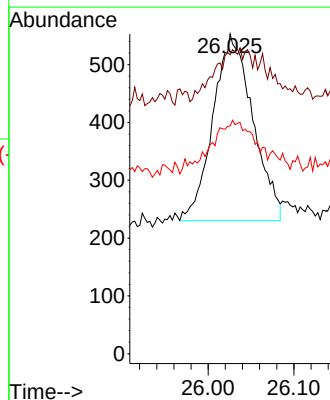
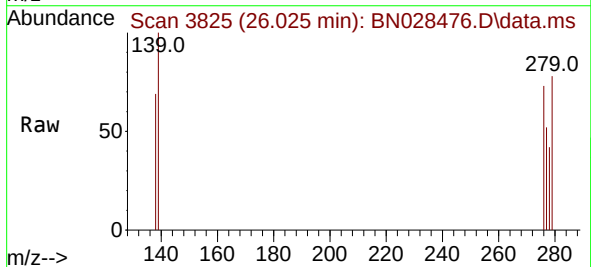
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20231102

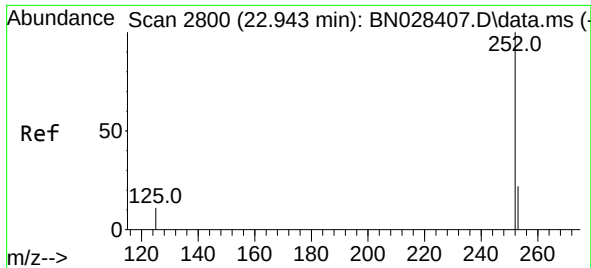
Tgt Ion:264 Resp: 31031
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.8 31.2
 265 39.3 21.7 32.5#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.056 ng
 RT: 26.025 min Scan# 3825
 Delta R.T. 0.003 min
 Lab File: BN028476.D
 Acq: 04 Nov 2023 15:59

Tgt Ion:276 Resp: 1043
 Ion Ratio Lower Upper
 276 100
 138 16.5 24.1 36.1#
 277 23.2 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.079 ng

RT: 22.947 min Scan# 21

Delta R.T. 0.004 min

Lab File: BN028476.D

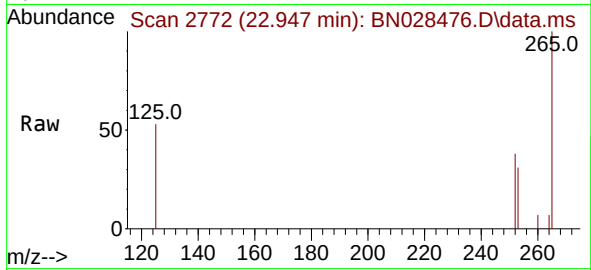
Acq: 04 Nov 2023 15:59

Instrument :

BNA_N

ClientSampleId :

SP-100-20231102



Tgt Ion:252 Resp: 1366

Ion Ratio Lower Upper

252 100

253 80.2 18.2 27.4#

125 138.1 10.0 15.0#

