

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
 Data File : BN028477.D
 Acq On : 04 Nov 2023 16:35
 Operator : MA/JU
 Sample : 05242-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20231102

Quant Time: Nov 06 04:46:41 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)

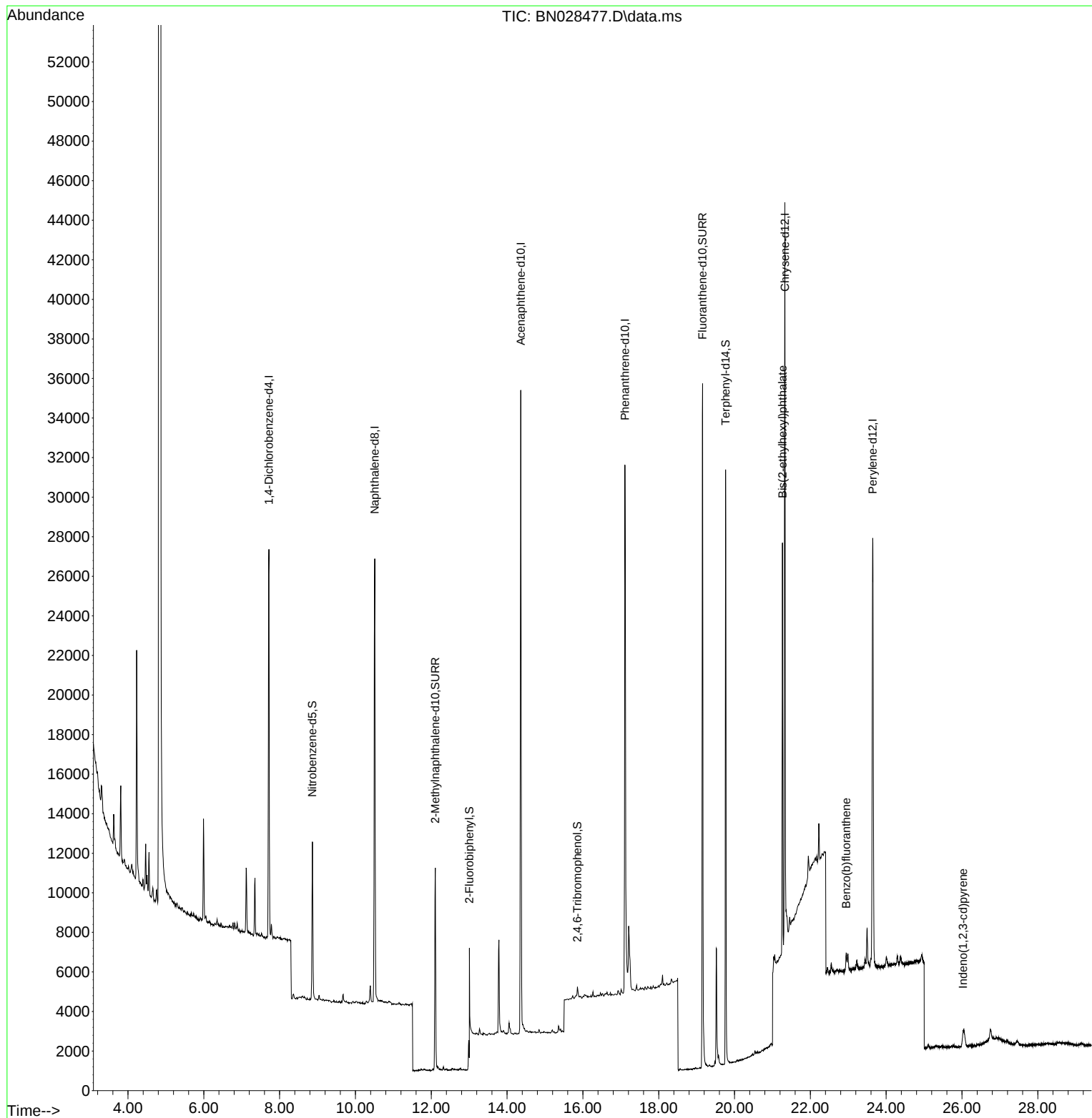
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	9835	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	30041	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	18587	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	42208	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	33173	0.400	ng	0.00
35) Perylene-d12	23.646	264	30127	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	153	0.006	ng	0.00
5) Phenol-d6	6.887	99	158	0.005	ng	0.00
8) Nitrobenzene-d5	8.865	82	6193	0.319	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	13973	0.325	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	403	0.056	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	2665	0.121	ng	0.00
27) Fluoranthene-d10	19.157	212	40307	0.386	ng	0.00
31) Terphenyl-d14	19.765	244	29228	0.418	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.266	149	17908	0.263	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.026	276	1146	0.057	ng	# 79
37) Benzo(b)fluoranthene	22.944	252	1434	0.079	ng	# 1

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

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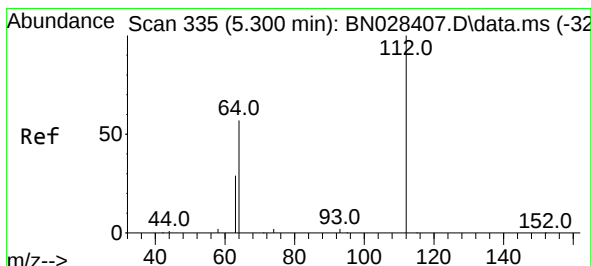
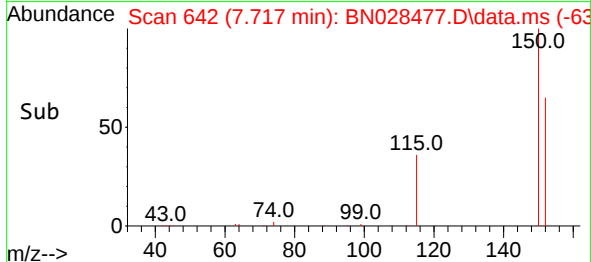
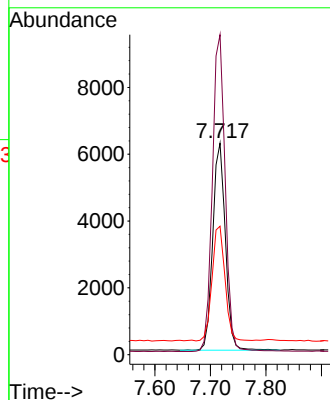
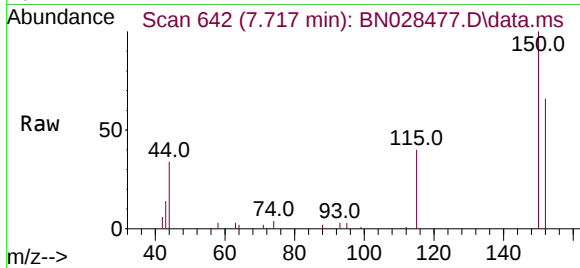




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.010 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

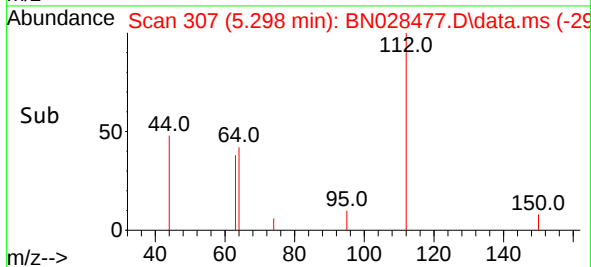
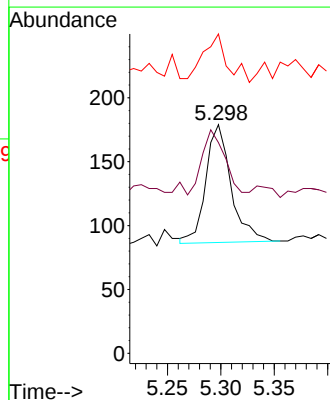
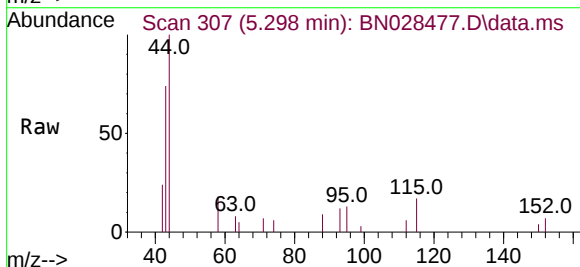
Instrument :
BNA_N
ClientSampleId :
SP-303-20231102

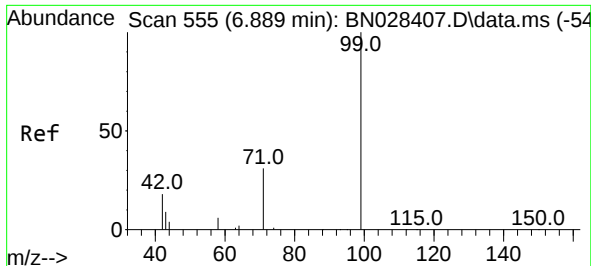
Tgt Ion:152 Resp: 9835
Ion Ratio Lower Upper
152 100
150 151.2 123.8 185.6
115 60.7 47.0 70.6



#4
2-Fluorophenol
Concen: 0.006 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.002 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

Tgt Ion:112 Resp: 153
Ion Ratio Lower Upper
112 100
64 46.4 44.3 66.5
63 38.6 22.6 33.8#

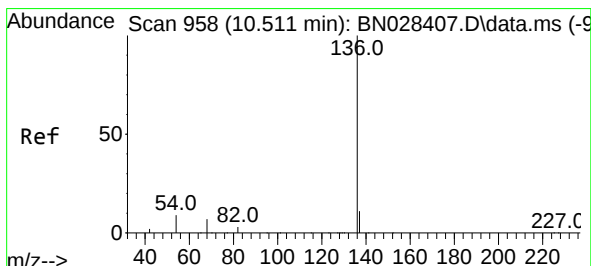
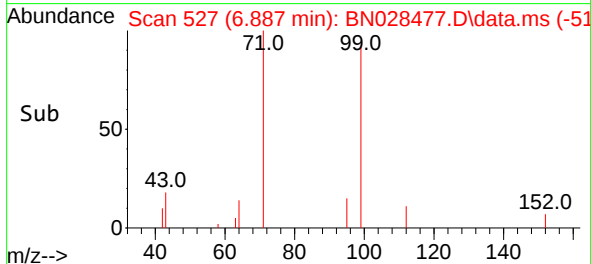
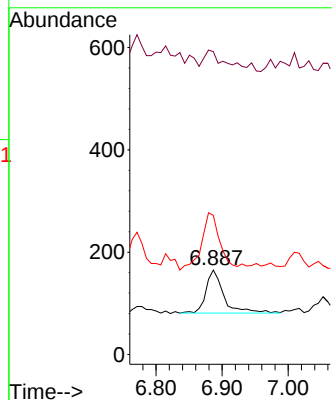
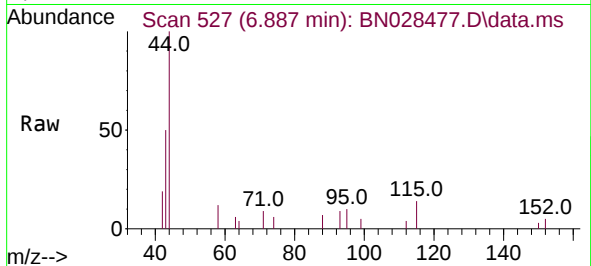




#5
Phenol-d6
Concen: 0.005 ng
RT: 6.887 min Scan# 51
Delta R.T. -0.002 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

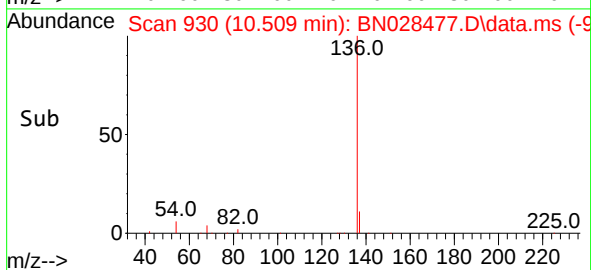
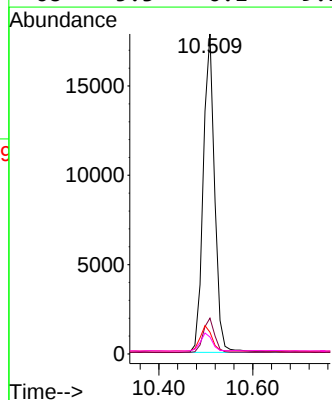
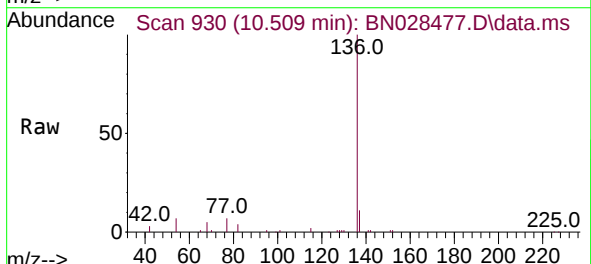
Instrument :
BNA_N
ClientSampleId :
SP-303-20231102

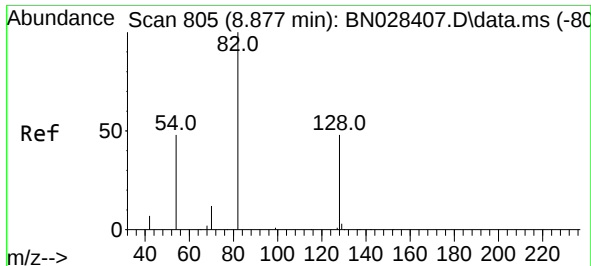
Tgt Ion: 99 Resp: 158
Ion Ratio Lower Upper
99 100
42 61.4 15.4 23.0#
71 136.7 24.4 36.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.002 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

Tgt Ion: 136 Resp: 30041
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.8 7.9 11.9#
68 5.3 6.1 9.1#

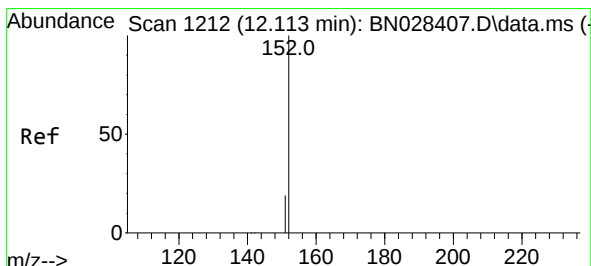
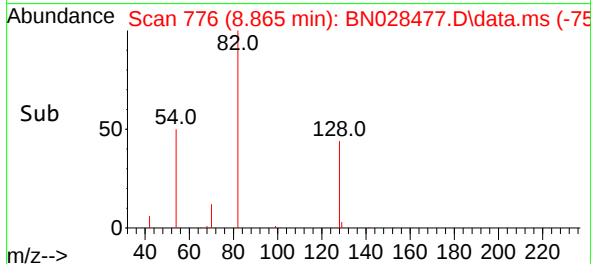
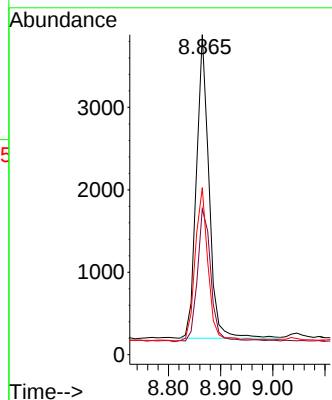
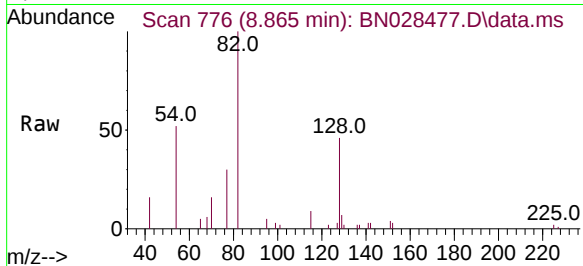




#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.013 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

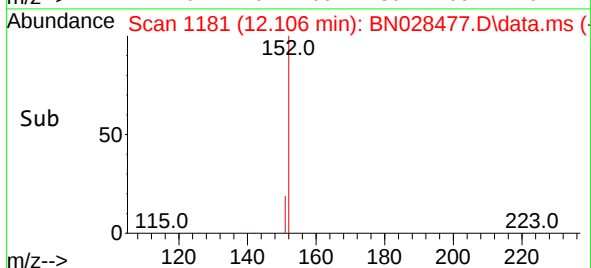
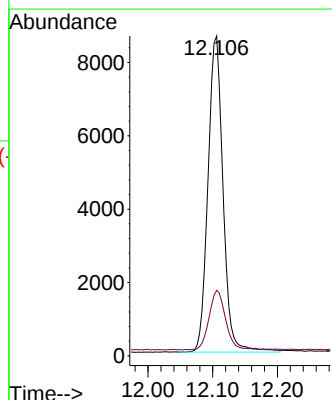
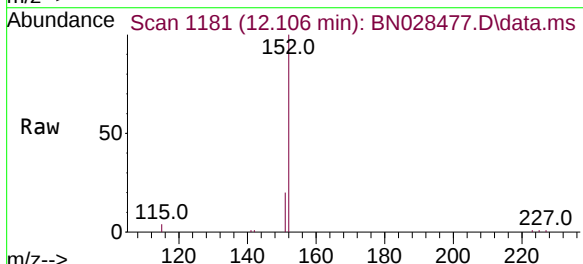
Instrument :
BNA_N
ClientSampleId :
SP-303-20231102

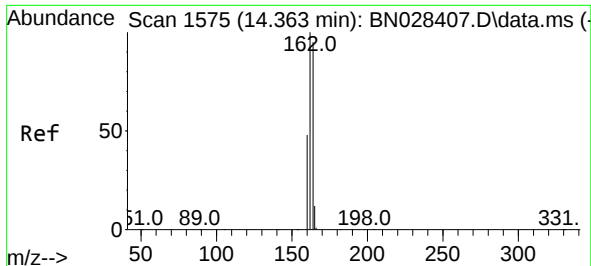
Tgt Ion: 82 Resp: 6193
Ion Ratio Lower Upper
82 100
128 45.6 38.8 58.2
54 52.2 40.3 60.5



#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.106 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

Tgt Ion: 152 Resp: 13973
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6

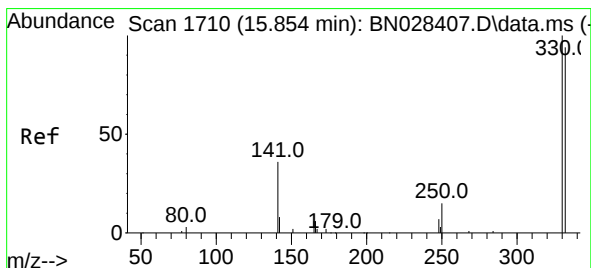
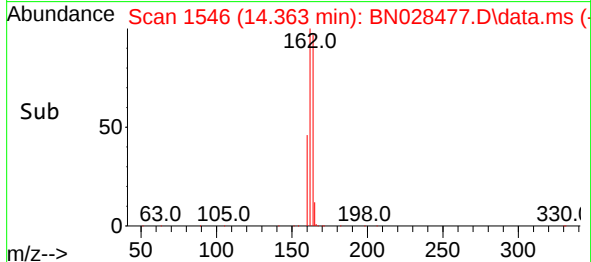
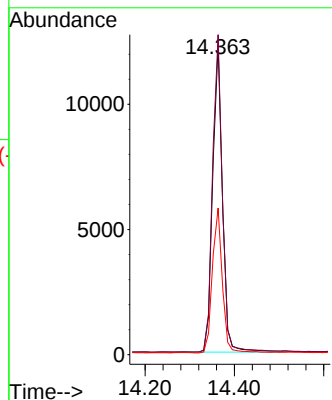
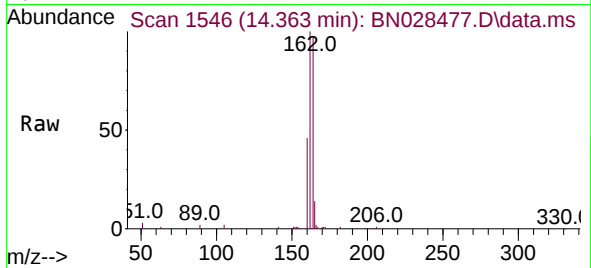




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

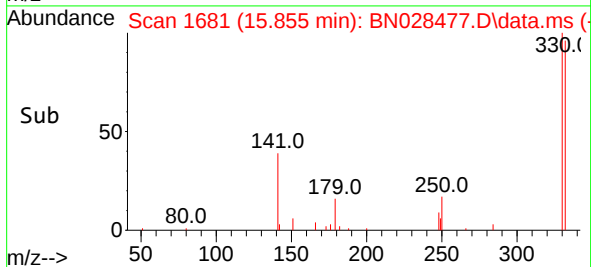
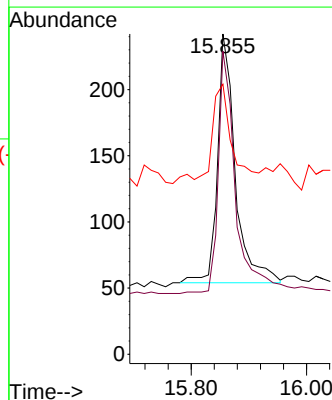
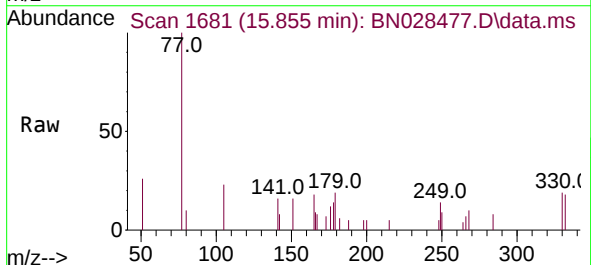
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ClientSampleId :
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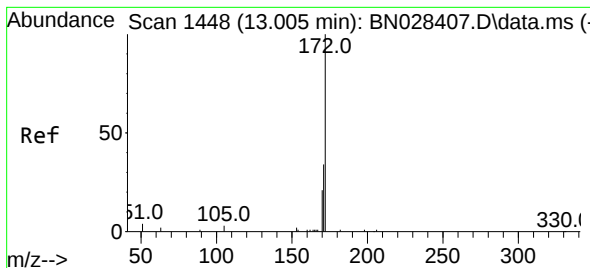
Tgt Ion:164 Resp: 18587
Ion Ratio Lower Upper
164 100
162 103.3 84.6 127.0
160 47.3 41.3 61.9



#14
2,4,6-Tribromophenol
Concen: 0.056 ng
RT: 15.855 min Scan# 1681
Delta R.T. 0.001 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

Tgt Ion:330 Resp: 403
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.2
141 38.0 32.8 49.2

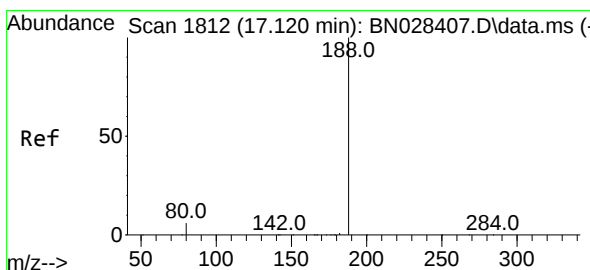
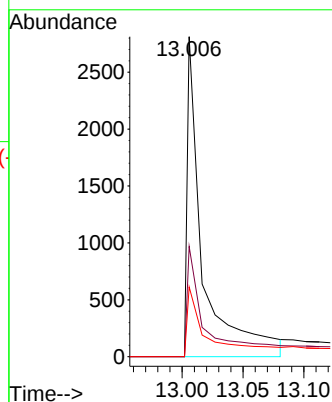
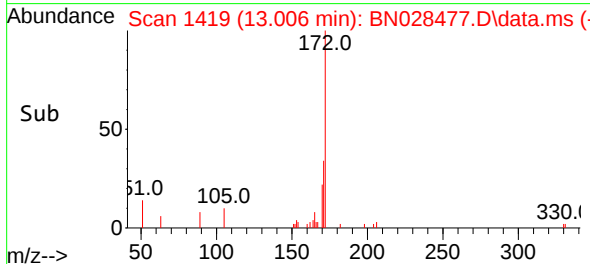
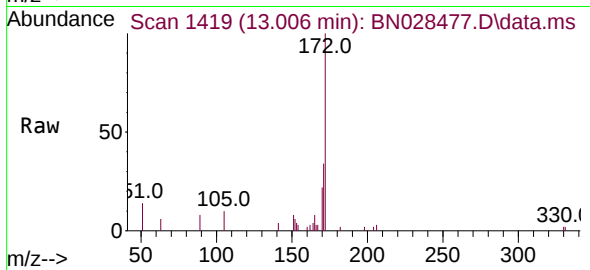




#15
2-Fluorobiphenyl
Concen: 0.121 ng
RT: 13.006 min Scan# 1448
Delta R.T. 0.001 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

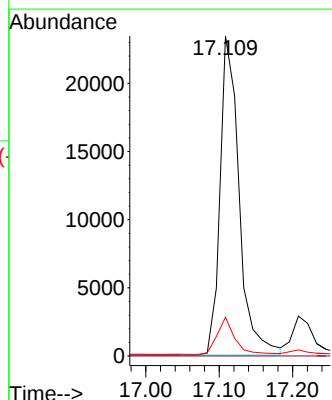
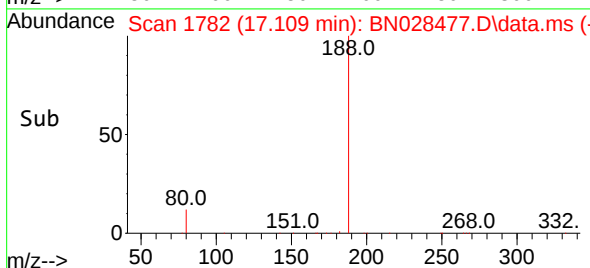
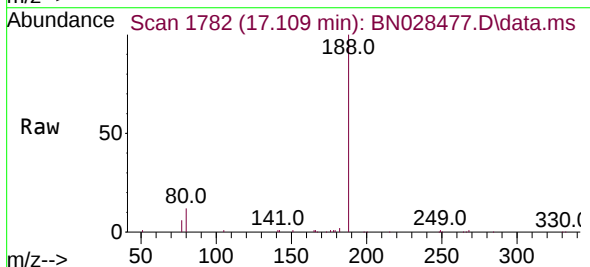
Instrument :
BNA_N
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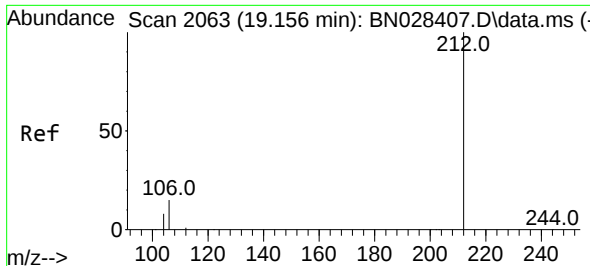
Tgt Ion:172 Resp: 2665
Ion Ratio Lower Upper
172 100
171 34.5 27.2 40.8
170 21.8 17.1 25.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

Tgt Ion:188 Resp: 42208
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 5.3 7.9#

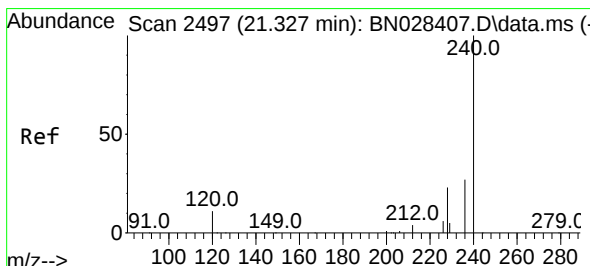
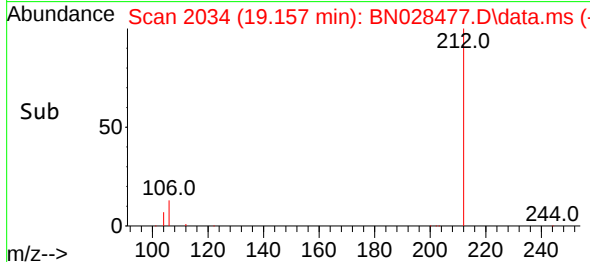
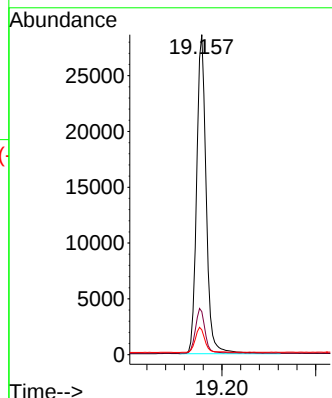
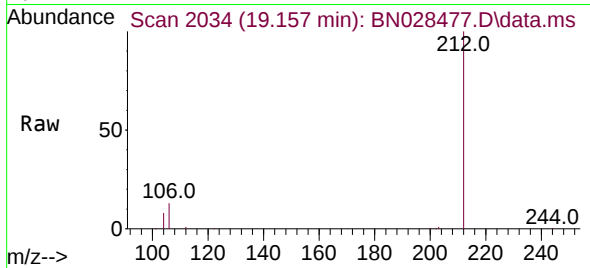




#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.157 min Scan# 2063
Delta R.T. 0.001 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

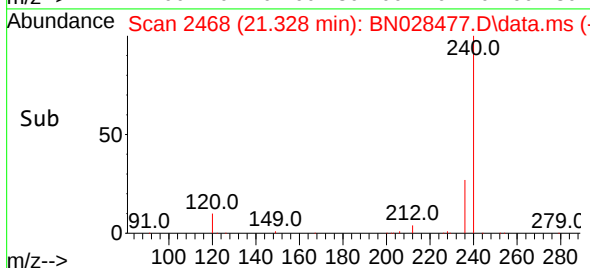
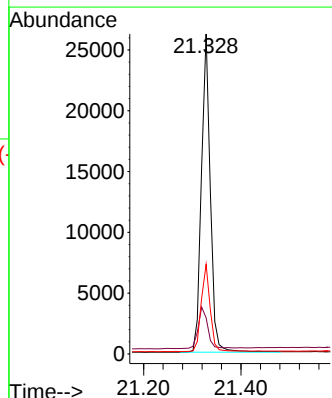
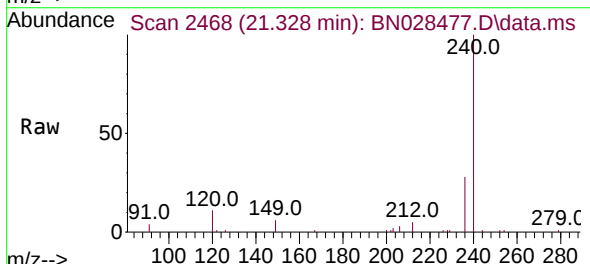
Instrument :
BNA_N
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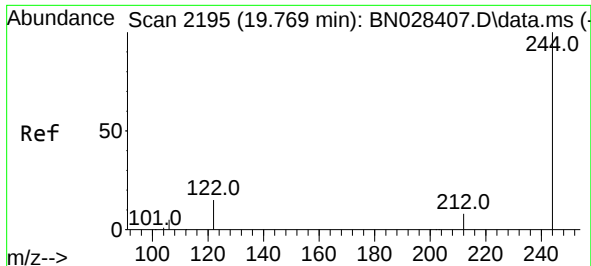
Tgt Ion:212 Resp: 40307
Ion Ratio Lower Upper
212 100
106 14.0 11.9 17.9
104 8.0 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2468
Delta R.T. 0.001 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

Tgt Ion:240 Resp: 33173
Ion Ratio Lower Upper
240 100
120 11.3 9.8 14.6
236 28.0 22.2 33.2

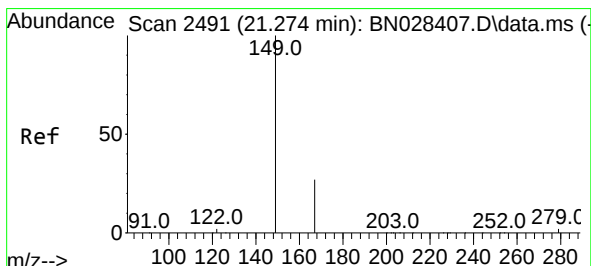
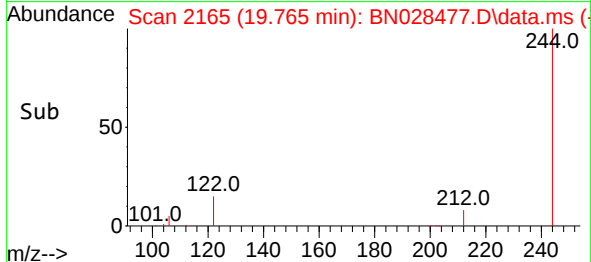
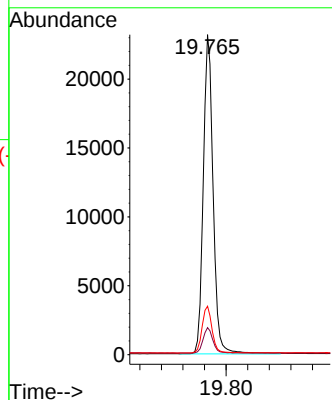
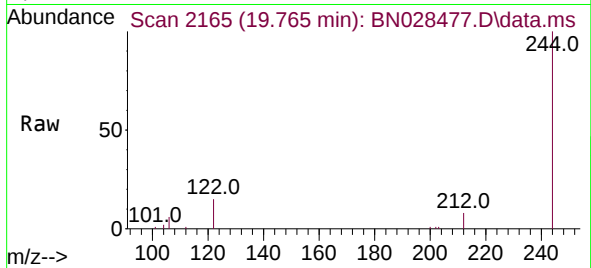




#31
 Terphenyl-d14
 Concen: 0.418 ng
 RT: 19.765 min Scan# 2195
 Delta R.T. -0.004 min
 Lab File: BN028477.D
 Acq: 04 Nov 2023 16:35

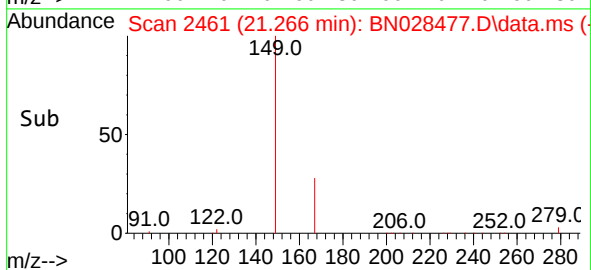
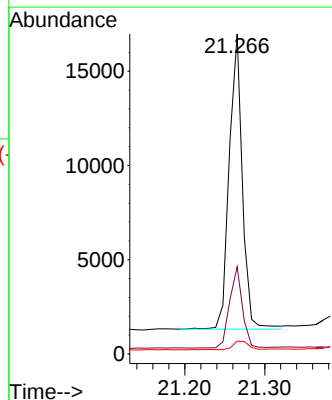
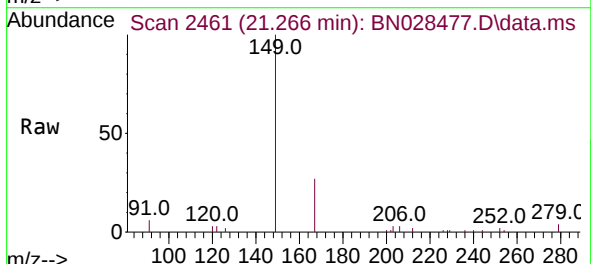
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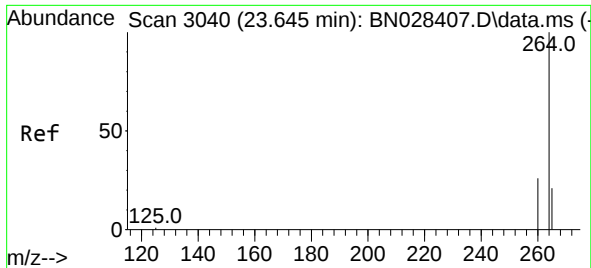
Tgt Ion:244 Resp: 29228
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 15.2 12.6 19.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.263 ng
 RT: 21.266 min Scan# 2461
 Delta R.T. -0.008 min
 Lab File: BN028477.D
 Acq: 04 Nov 2023 16:35

Tgt Ion:149 Resp: 17908
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.0
 279 3.7 2.3 3.5#

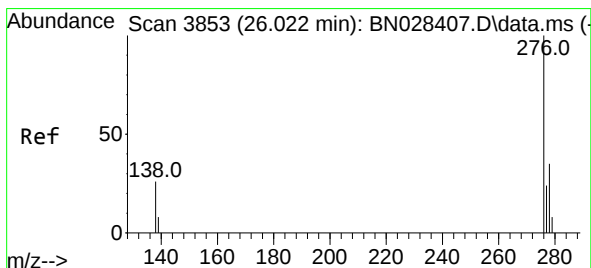
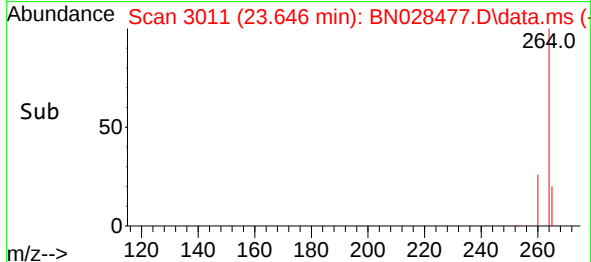
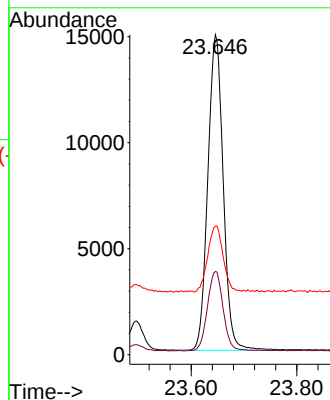
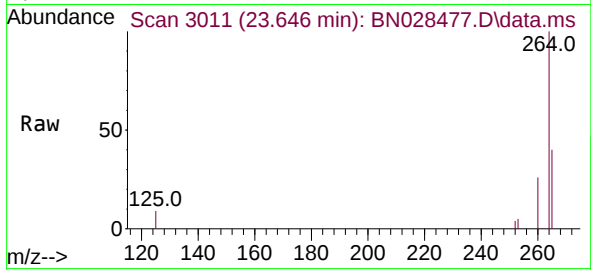




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.646 min Scan# 3040
Delta R.T. 0.001 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

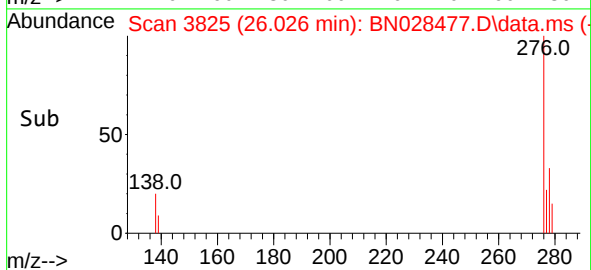
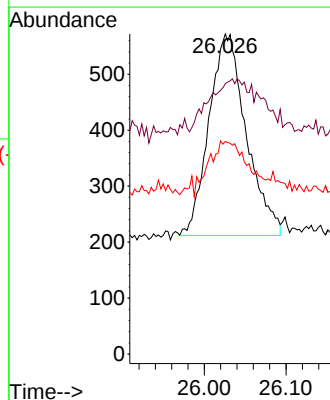
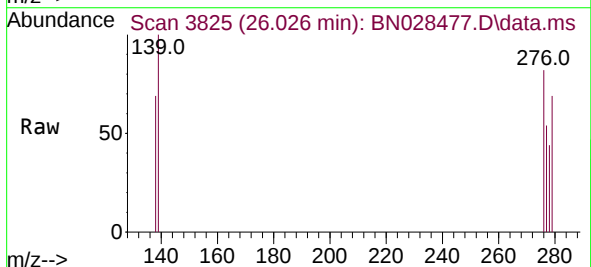
Instrument :
BNA_N
ClientSampleId :
SP-303-20231102

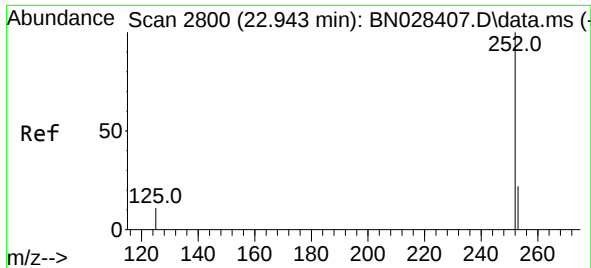
Tgt Ion:264 Resp: 30127
Ion Ratio Lower Upper
264 100
260 26.0 20.8 31.2
265 40.1 21.7 32.5#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng
RT: 26.026 min Scan# 3825
Delta R.T. 0.004 min
Lab File: BN028477.D
Acq: 04 Nov 2023 16:35

Tgt Ion:276 Resp: 1146
Ion Ratio Lower Upper
276 100
138 17.7 24.1 36.1#
277 15.0 19.7 29.5#





#37

Benzo(b)fluoranthene

Concen: 0.079 ng

RT: 22.944 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN028477.D

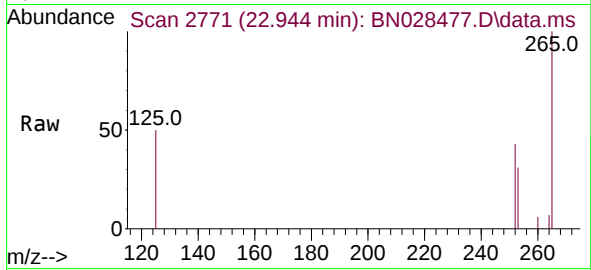
Acq: 04 Nov 2023 16:35

Instrument :

BNA_N

ClientSampleId :

SP-303-20231102



Tgt Ion:252 Resp: 1434

Ion Ratio Lower Upper

252 100

253 70.3 18.2 27.4#

125 115.9 10.0 15.0#

