

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
 Data File : BN028478.D
 Acq On : 04 Nov 2023 17:12
 Operator : MA/JU
 Sample : 05242-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20231102

Quant Time: Nov 06 04:46:57 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)

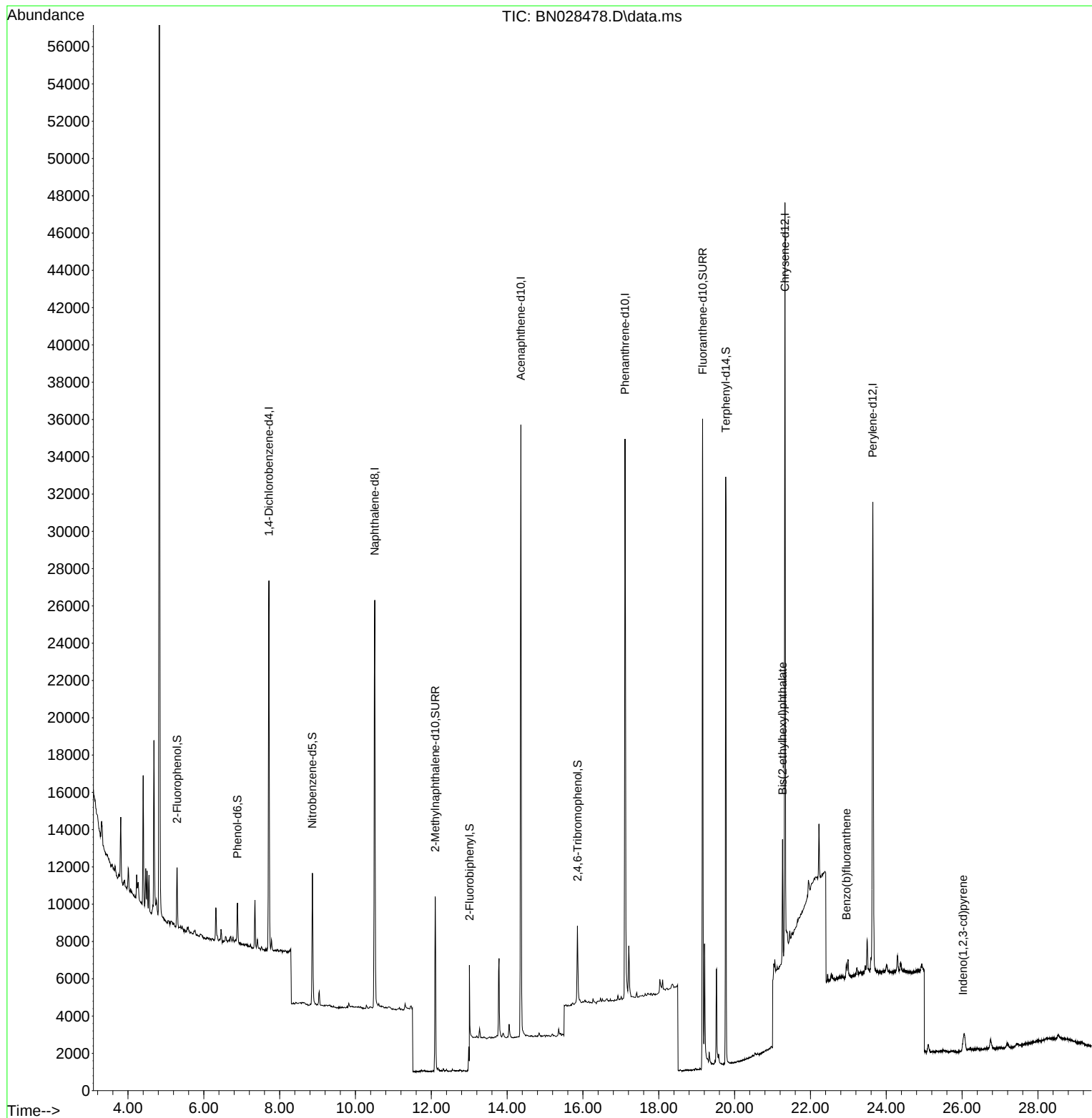
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	9654	0.400	ng	-0.01
7) Naphthalene-d8	10.508	136	29411	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	18217	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	42635	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	34455	0.400	ng	0.00
35) Perylene-d12	23.645	264	32664	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.297	112	2681	0.106	ng	0.00
5) Phenol-d6	6.886	99	1900	0.059	ng	0.00
8) Nitrobenzene-d5	8.864	82	5702	0.300	ng	-0.01
11) 2-Methylnaphthalene-d10	12.102	152	12611	0.300	ng	-0.01
14) 2,4,6-Tribromophenol	15.854	330	2587	0.364	ng	0.00
15) 2-Fluorobiphenyl	13.005	172	2279	0.105	ng	0.00
27) Fluoranthene-d10	19.156	212	39022	0.370	ng	0.00
31) Terphenyl-d14	19.765	244	30686	0.423	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.265	149	5884	0.083	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.025	276	1043	0.056	ng	# 74
37) Benzo(b)fluoranthene	22.946	252	1182	0.077	ng	# 1

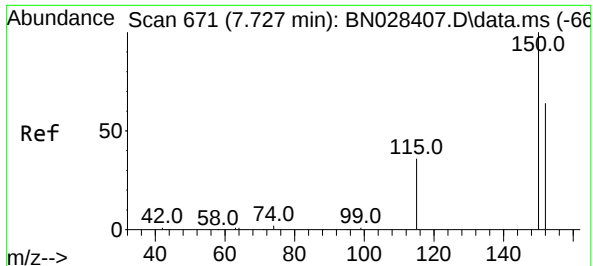
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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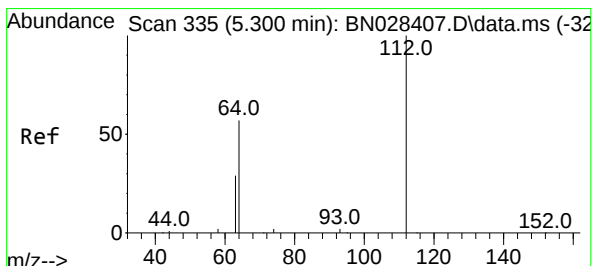
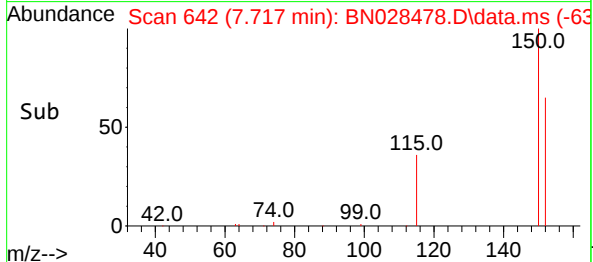
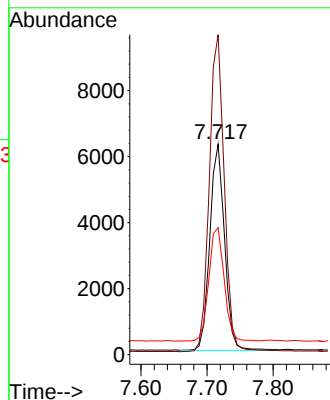
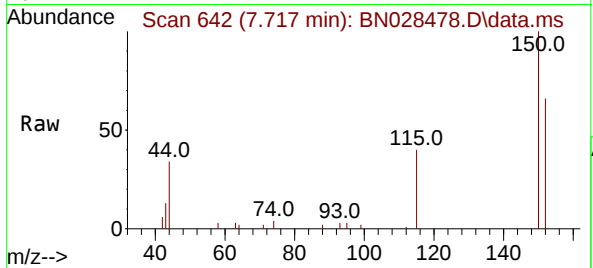




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.010 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

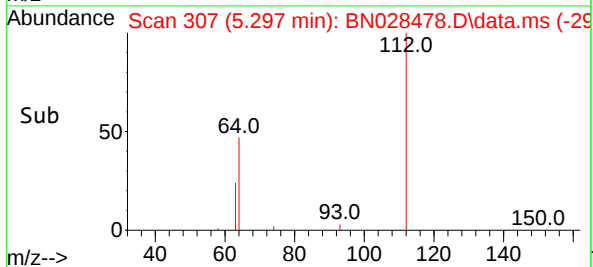
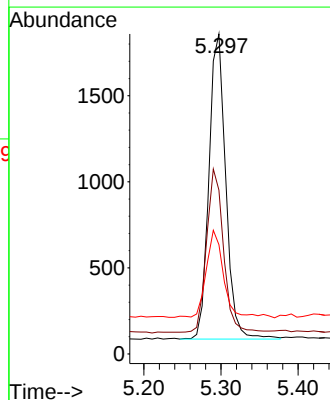
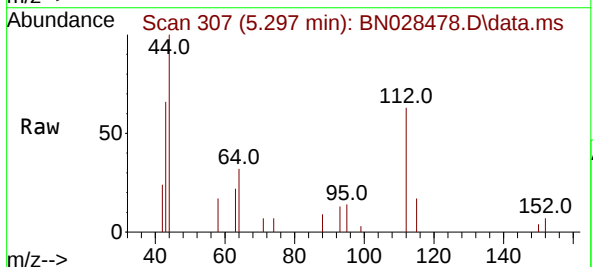
Instrument :
BNA_N
ClientSampleId :
SP-201-20231102

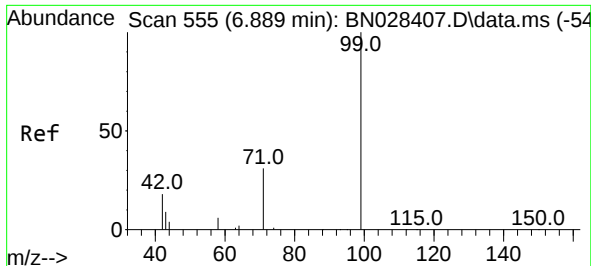
Tgt Ion:152 Resp: 9654
Ion Ratio Lower Upper
152 100
150 152.1 123.8 185.6
115 60.4 47.0 70.6



#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.297 min Scan# 307
Delta R.T. -0.003 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

Tgt Ion:112 Resp: 2681
Ion Ratio Lower Upper
112 100
64 53.3 44.3 66.5
63 29.8 22.6 33.8

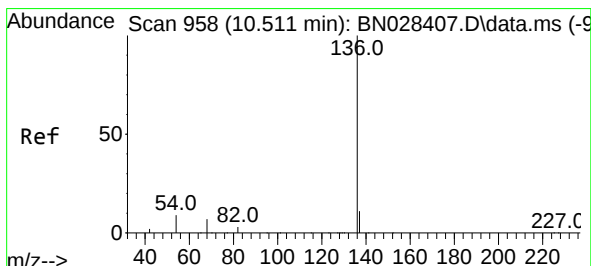
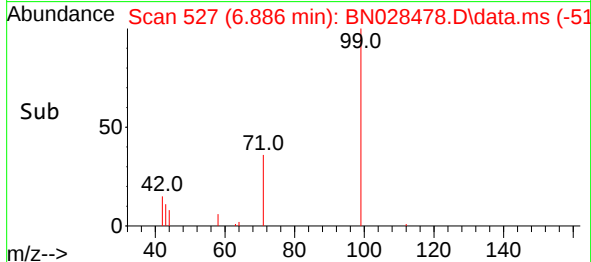
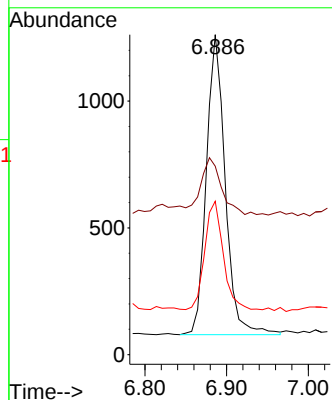
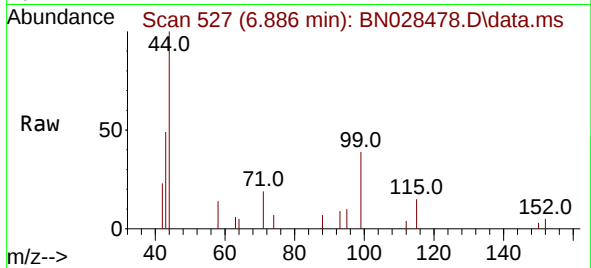




#5
Phenol-d6
Concen: 0.059 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

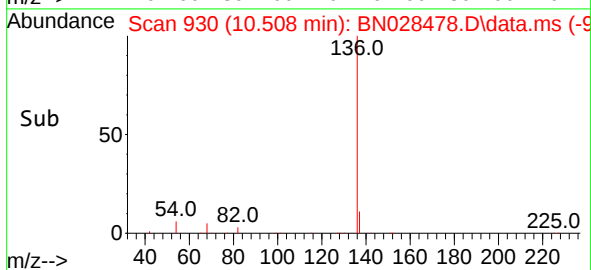
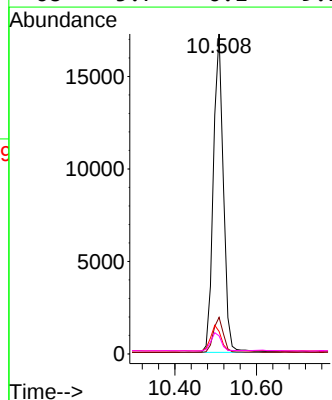
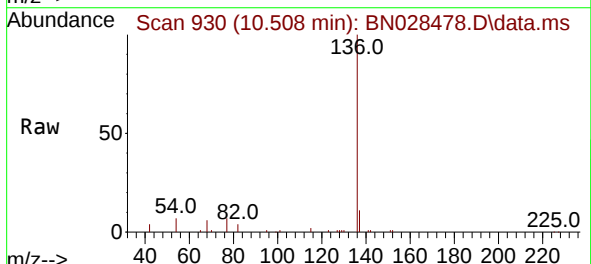
Instrument :
BNA_N
ClientSampleId :
SP-201-20231102

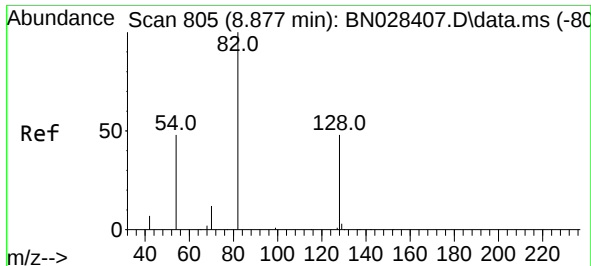
Tgt Ion: 99 Resp: 1900
Ion Ratio Lower Upper
99 100
42 21.2 15.4 23.0
71 35.5 24.4 36.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.508 min Scan# 930
Delta R.T. -0.003 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

Tgt Ion: 136 Resp: 29411
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 7.0 7.9 11.9#
68 5.7 6.1 9.1#

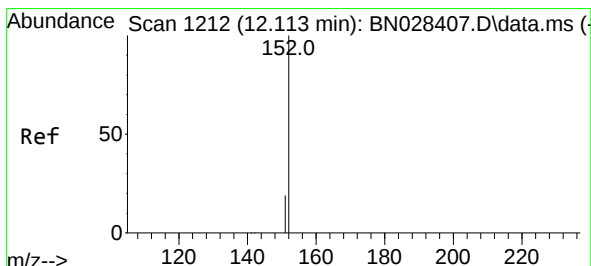
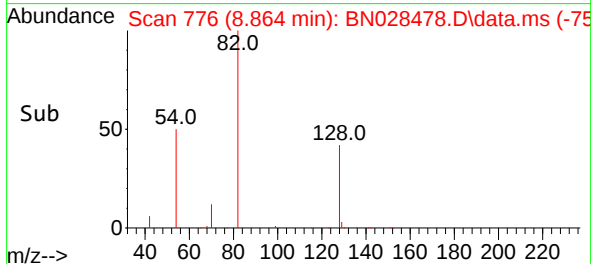
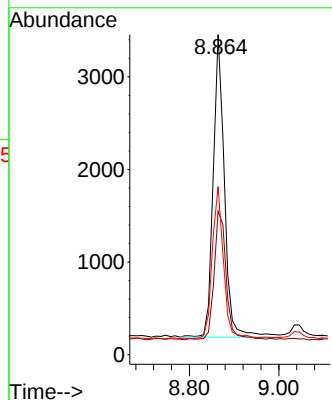
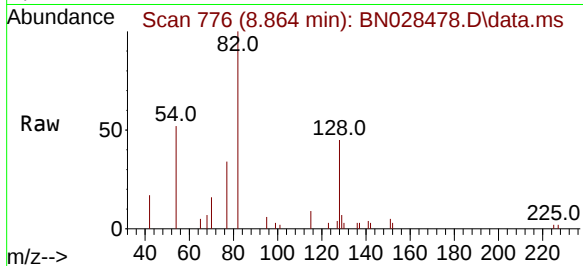




#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.864 min Scan# 71
Delta R.T. -0.013 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

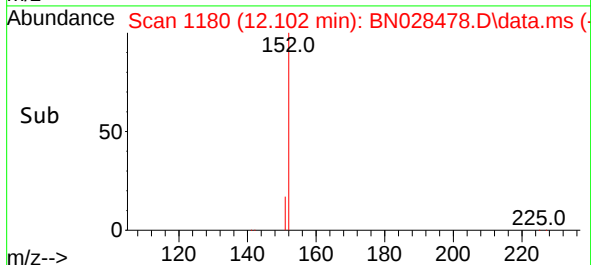
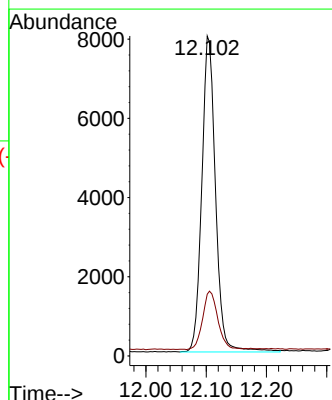
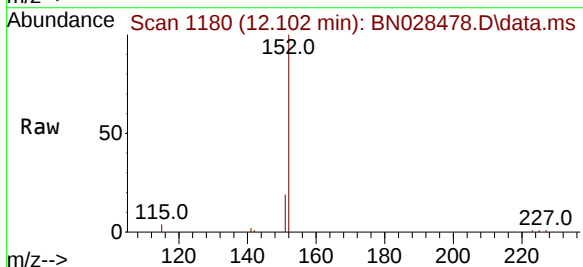
Instrument :
BNA_N
ClientSampleId :
SP-201-20231102

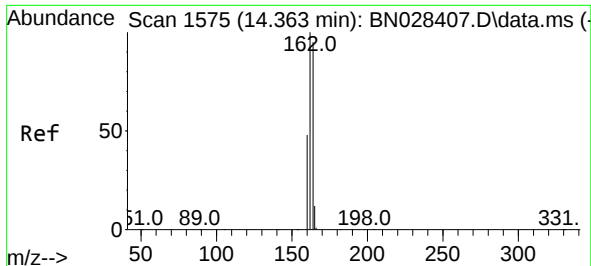
Tgt Ion: 82 Resp: 5702
Ion Ratio Lower Upper
82 100
128 44.9 38.8 58.2
54 52.5 40.3 60.5



#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.102 min Scan# 1180
Delta R.T. -0.011 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

Tgt Ion:152 Resp: 12611
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6

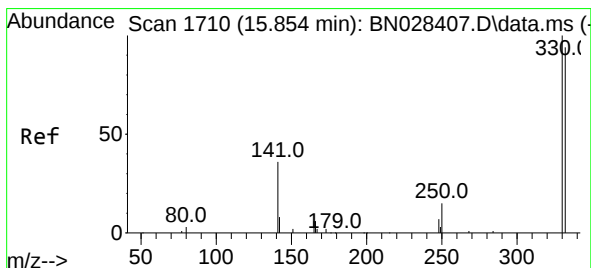
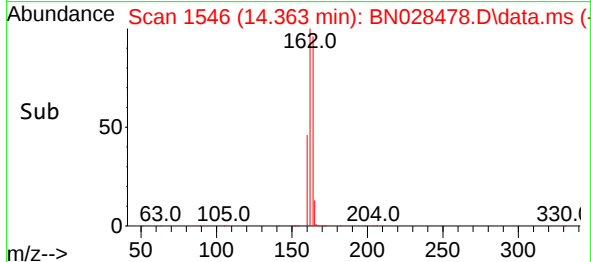
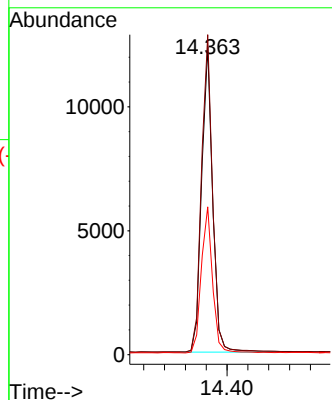
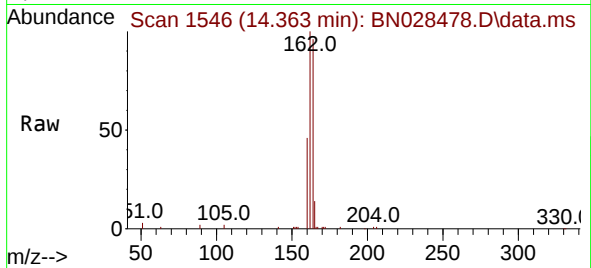




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

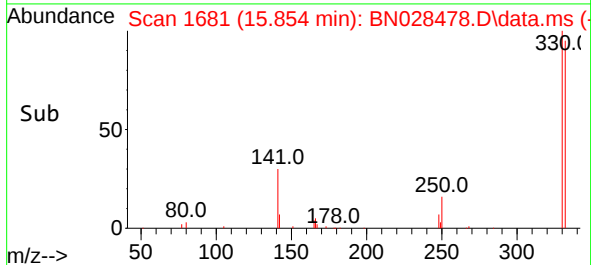
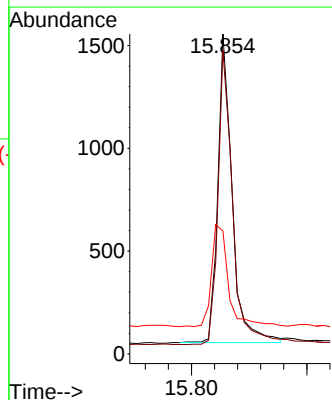
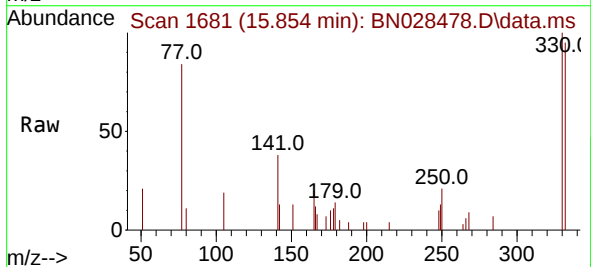
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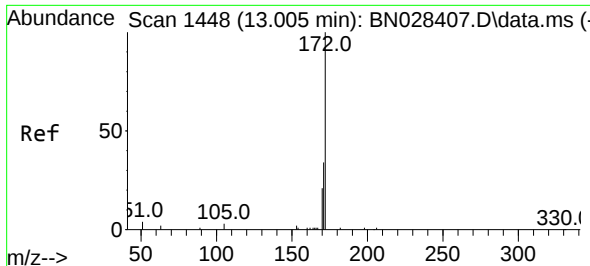
Tgt Ion:164 Resp: 18217
Ion Ratio Lower Upper
164 100
162 104.0 84.6 127.0
160 48.0 41.3 61.9



#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.854 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

Tgt Ion:330 Resp: 2587
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.2
141 38.8 32.8 49.2

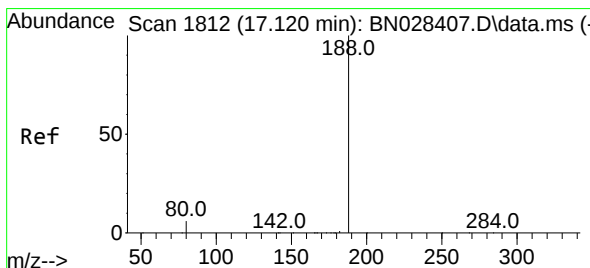
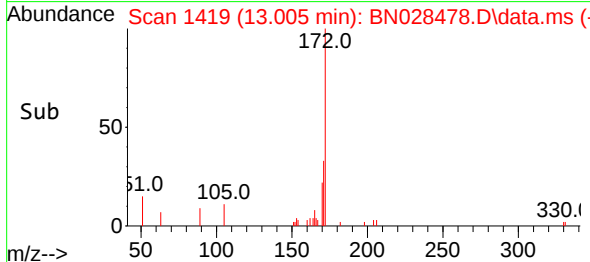
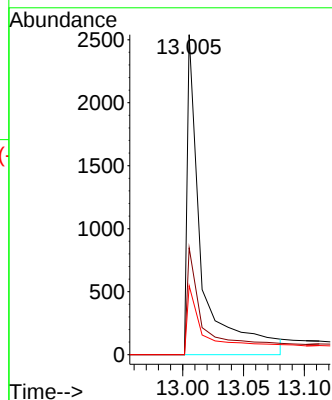
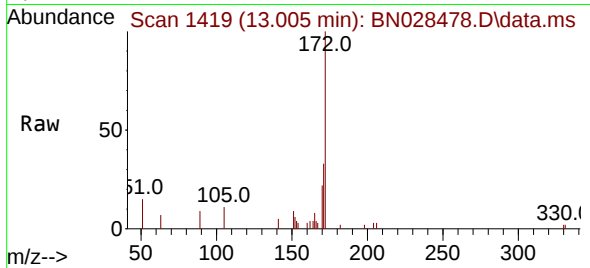




#15
2-Fluorobiphenyl
Concen: 0.105 ng
RT: 13.005 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

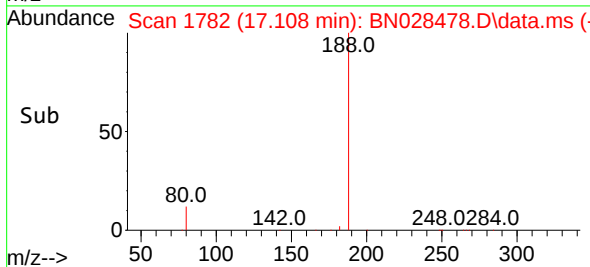
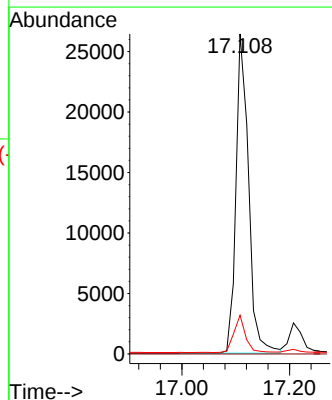
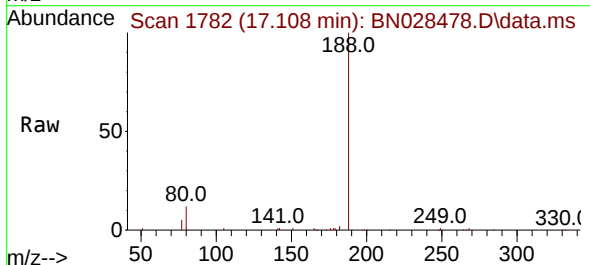
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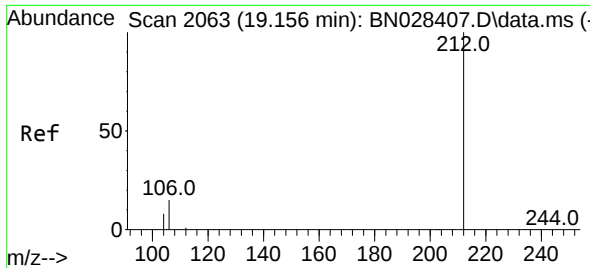
Tgt Ion:172 Resp: 2279
Ion Ratio Lower Upper
172 100
171 33.4 27.2 40.8
170 21.5 17.1 25.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.108 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

Tgt Ion:188 Resp: 42635
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 5.3 7.9#

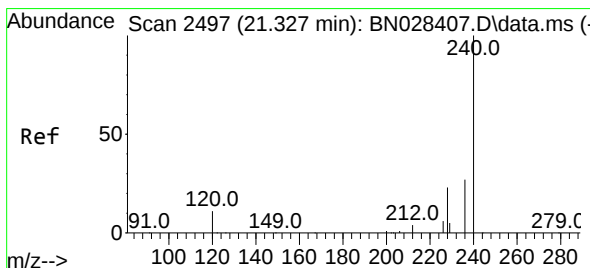
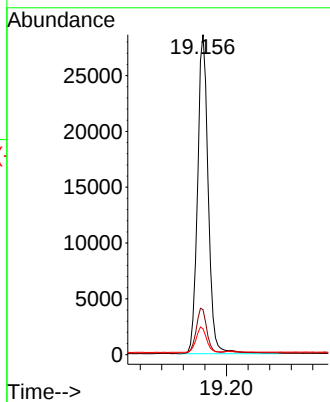
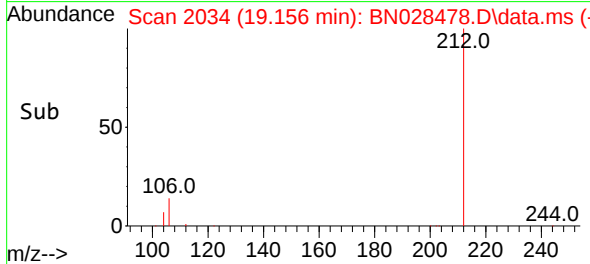
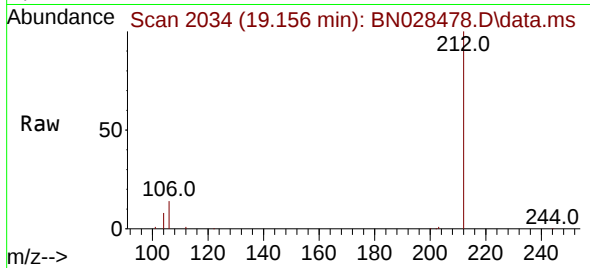




#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.156 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

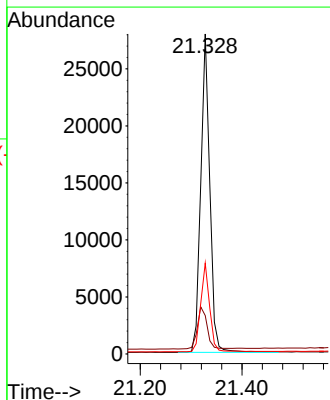
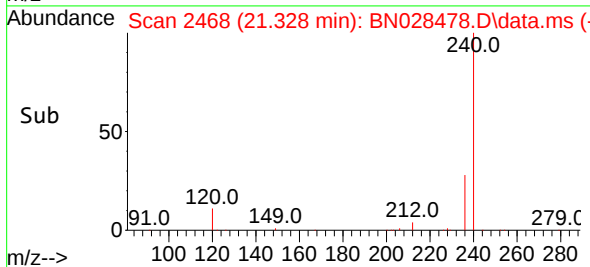
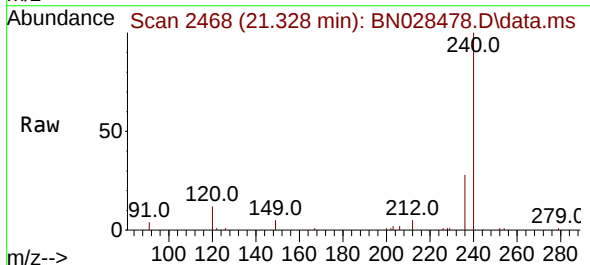
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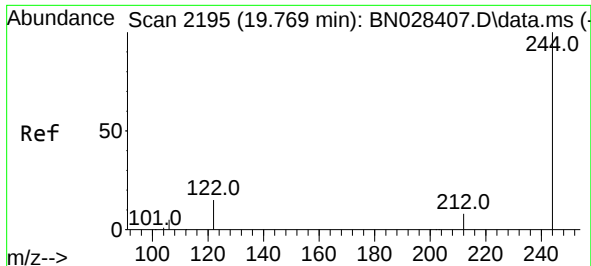
Tgt Ion:212 Resp: 39022
Ion Ratio Lower Upper
212 100
106 14.1 11.9 17.9
104 7.7 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

Tgt Ion:240 Resp: 34455
Ion Ratio Lower Upper
240 100
120 12.0 9.8 14.6
236 28.4 22.2 33.2

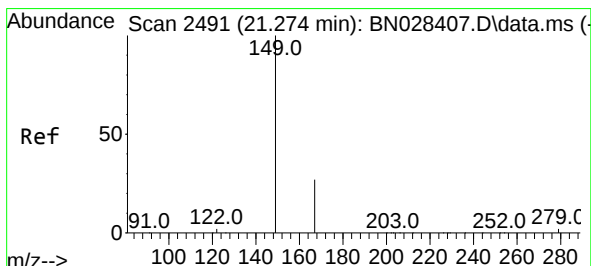
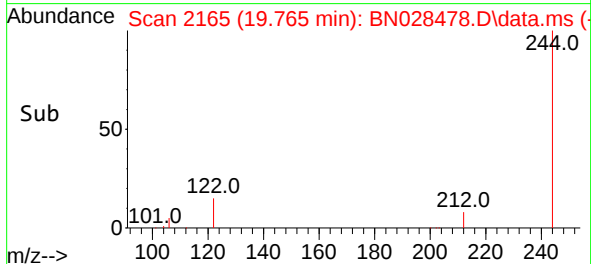
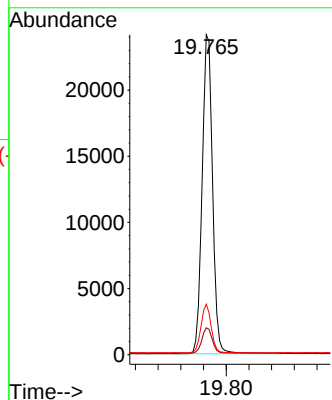
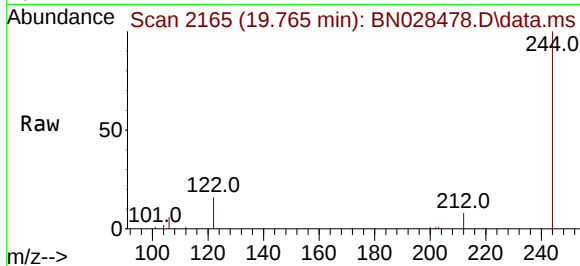




#31
 Terphenyl-d14
 Concen: 0.423 ng
 RT: 19.765 min Scan# 2195
 Delta R.T. -0.004 min
 Lab File: BN028478.D
 Acq: 04 Nov 2023 17:12

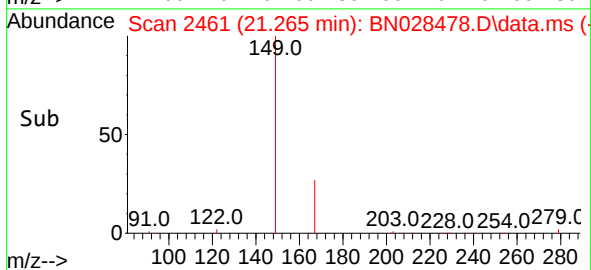
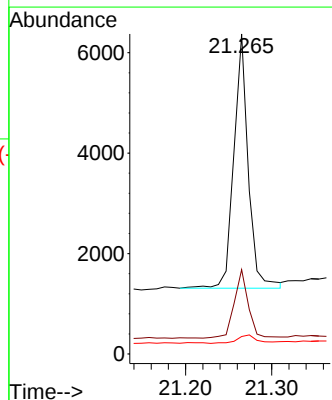
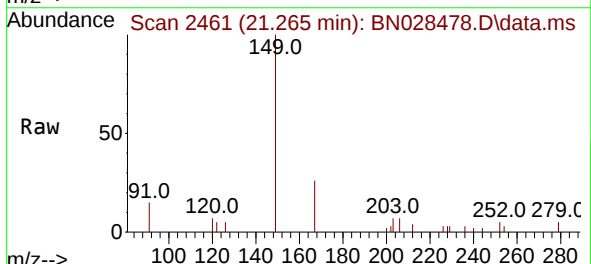
Instrument :
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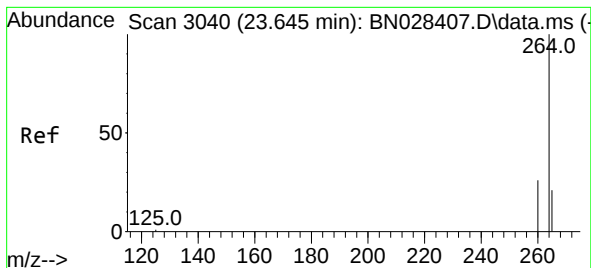
Tgt Ion:244 Resp: 30686
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 15.8 12.6 19.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.265 min Scan# 2461
 Delta R.T. -0.009 min
 Lab File: BN028478.D
 Acq: 04 Nov 2023 17:12

Tgt Ion:149 Resp: 5884
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.4 32.0
 279 4.5 2.3 3.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.645 min Scan# 3040

Delta R.T. 0.000 min

Lab File: BN028478.D

Acq: 04 Nov 2023 17:12

Instrument :

BNA_N

ClientSampleId :

SP-201-20231102

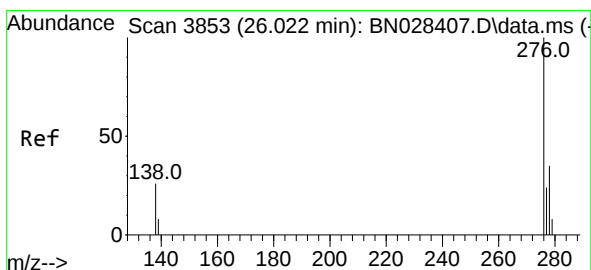
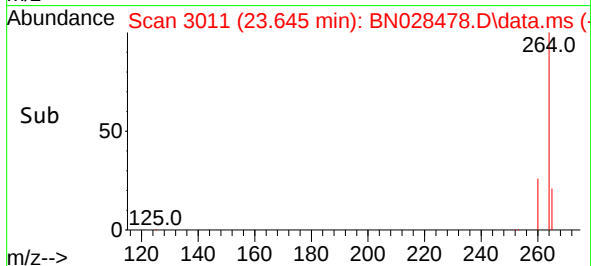
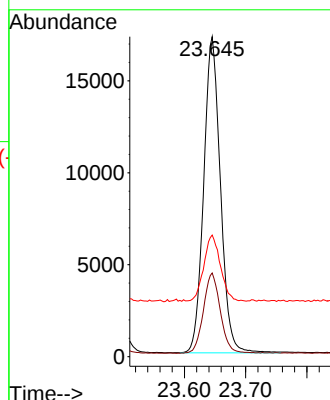
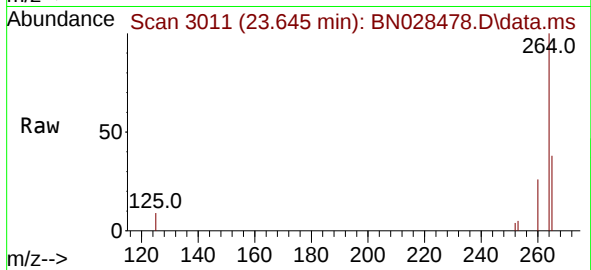
Tgt Ion:264 Resp: 32664

Ion Ratio Lower Upper

264 100

260 26.2 20.8 31.2

265 38.0 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: BN028478.D

Acq: 04 Nov 2023 17:12

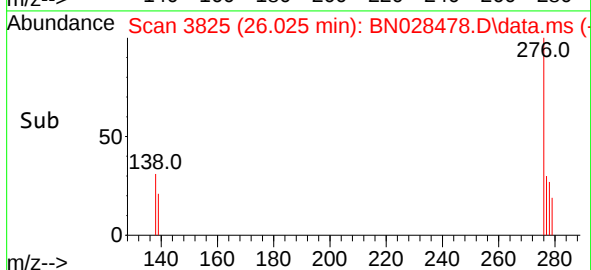
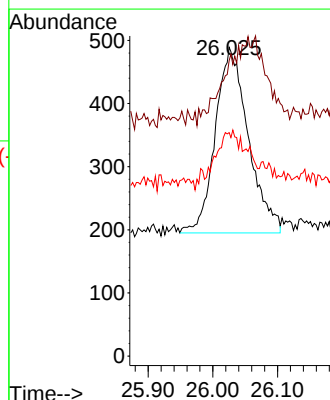
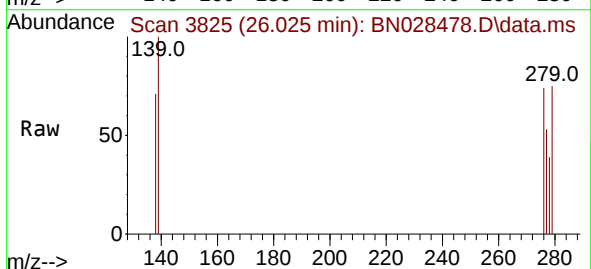
Tgt Ion:276 Resp: 1043

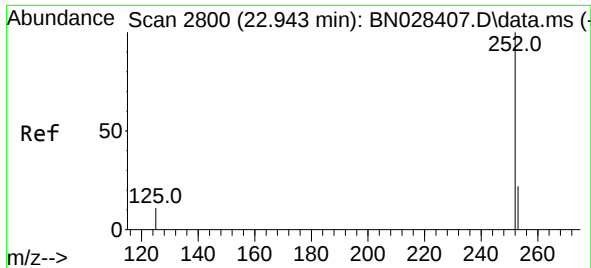
Ion Ratio Lower Upper

276 100

138 17.3 24.1 36.1#

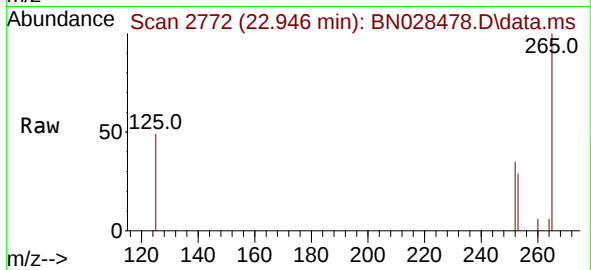
277 10.5 19.7 29.5#





#37
Benzo(b)fluoranthene
Concen: 0.077 ng
RT: 22.946 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN028478.D
Acq: 04 Nov 2023 17:12

Instrument :
BNA_N
ClientSampleId :
SP-201-20231102



Tgt Ion:252 Resp: 1182
Ion Ratio Lower Upper
252 100
253 80.9 18.2 27.4#
125 137.8 10.0 15.0#

