

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013267.D
 Acq On : 22 Dec 2020 11:35
 Operator : CG/JU
 Sample : L5123-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

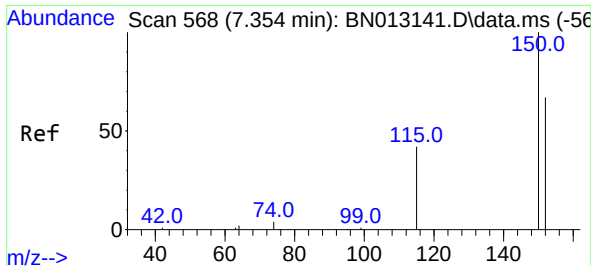
Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20201214

Quant Time: Dec 22 13:13:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	596	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2065	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1391	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3200	0.40	ng	# 0.01
29) Chrysene-d12	20.992	240	3605	0.40	ng	# 0.00
36) Perylene-d12	23.082	264	4123	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	287	0.12	ng	0.00
5) Phenol-d6	6.557	99	162	0.07	ng	0.02
8) Nitrobenzene-d5	8.540	82	465	0.22	ng	0.04
11) 2-Methylnaphthalene-d10	11.719	152	869	0.24	ng	0.01
14) 2,4,6-Tribromophenol	15.526	330	242	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	1318	0.23	ng	0.01
27) Fluoranthene-d10	18.813	212	3682	0.35	ng	0.00
31) Terphenyl-d14	19.429	244	3417	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.933	88	150	0.14	ng	# 58
32) Benzo(a)anthracene	20.982	228	389	0.03	ng	# 67
33) Chrysene	21.035	228	425	0.03	ng	# 75
37) Benzo(b)fluoranthene	22.477	252	487	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.514	252	425	0.03	ng	# 1
39) Benzo(a)pyrene	22.997	252	399	0.03	ng	# 1

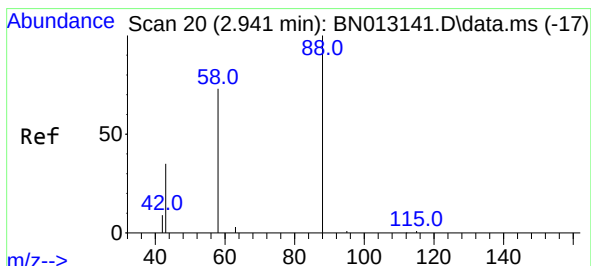
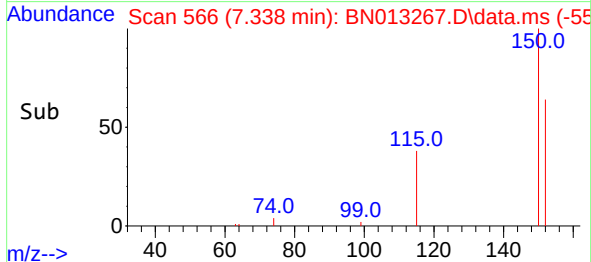
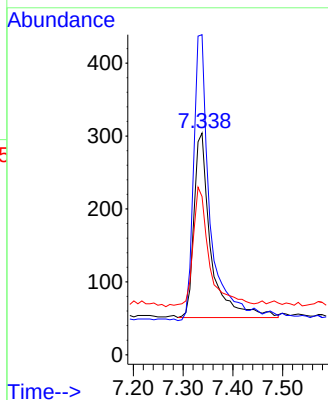
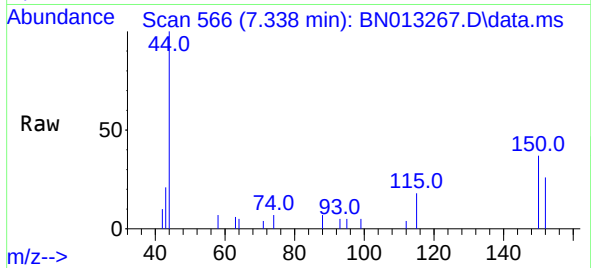
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013267.D
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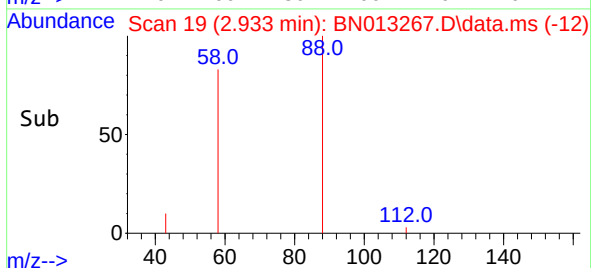
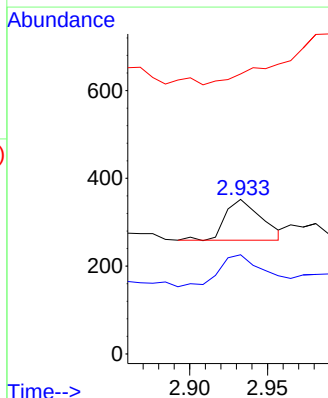
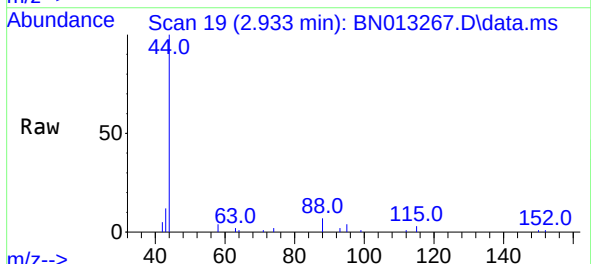
Instrument :
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MW179D-20201214

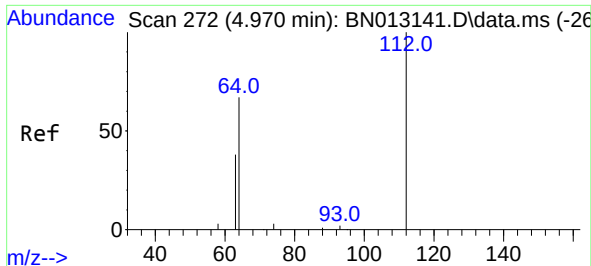
Tgt Ion:152 Resp: 596
Ion Ratio Lower Upper
152 100
150 144.4 116.6 174.8
115 71.4 52.9 79.3



#2
1,4-Dioxane
Concen: 0.14 ng
RT: 2.933 min Scan# 19
Delta R.T. 0.008 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
58 98.7 59.4 89.2#
43 0.0 32.3 48.5#



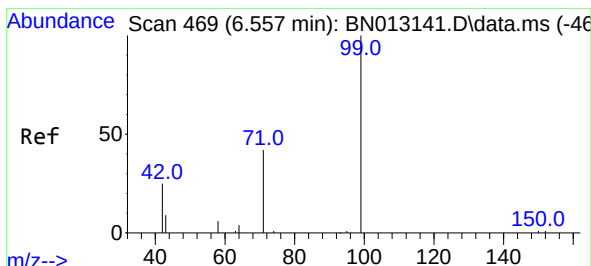
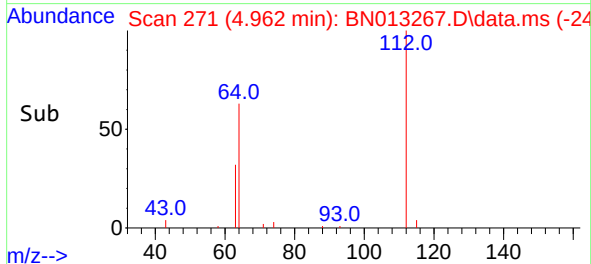
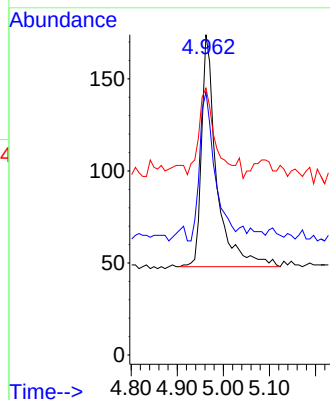
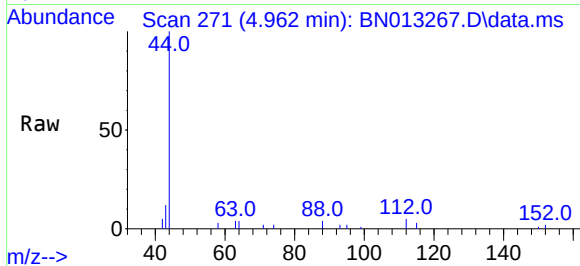


#4
2-Fluorophenol
Concen: 0.12 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Instrument :
BNA_N
ClientSampleId :
MW179D-20201214

Tgt Ion:112 Resp: 287

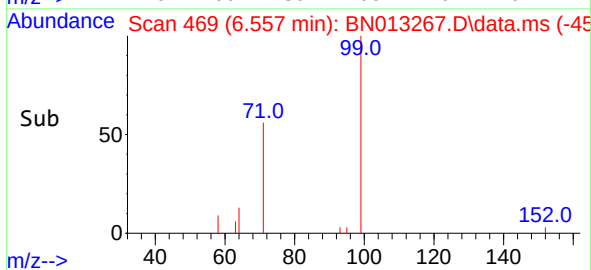
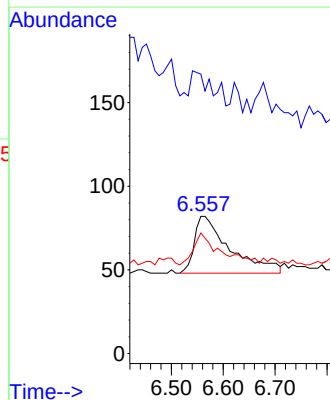
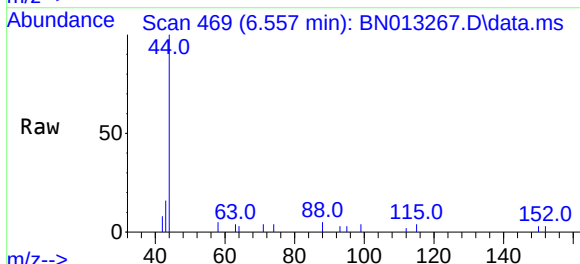
Ion	Ratio	Lower	Upper
112	100		
64	65.5	49.5	74.3
63	44.9	32.0	48.0

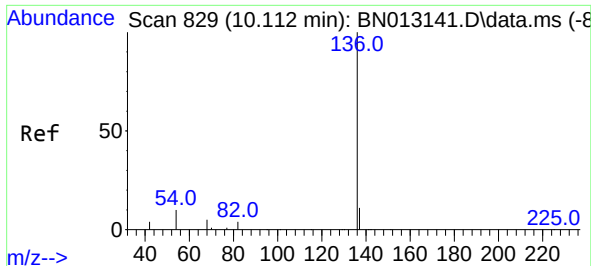


#5
Phenol-d6
Concen: 0.07 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.016 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion: 99 Resp: 162

Ion	Ratio	Lower	Upper
99	100		
42	34.0	22.4	33.6#
71	34.0	37.8	56.6#

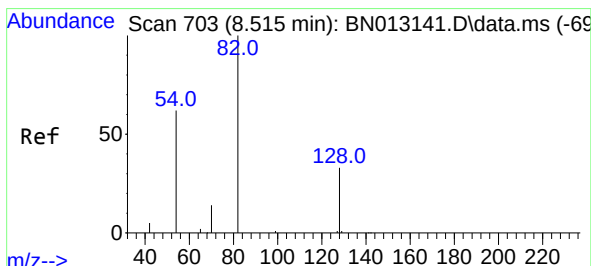
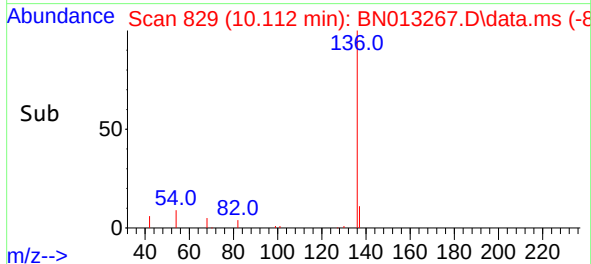
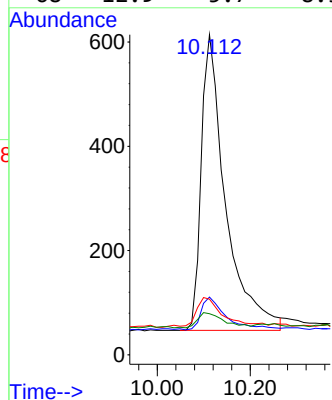
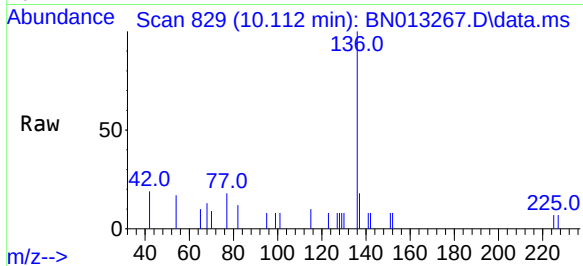




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

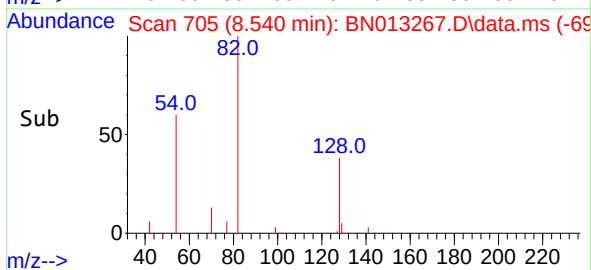
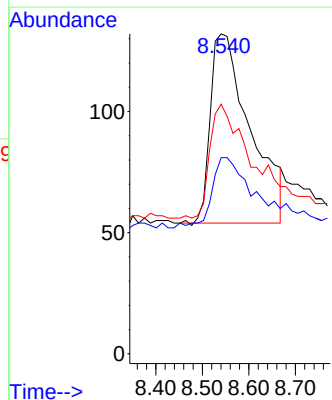
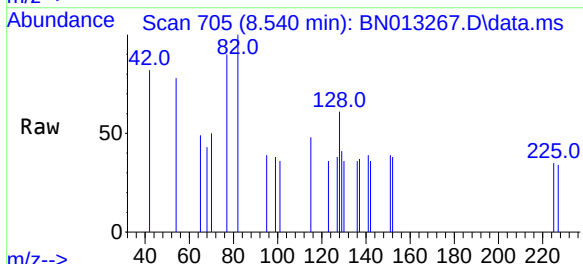
Instrument :
BNA_N
ClientSampleId :
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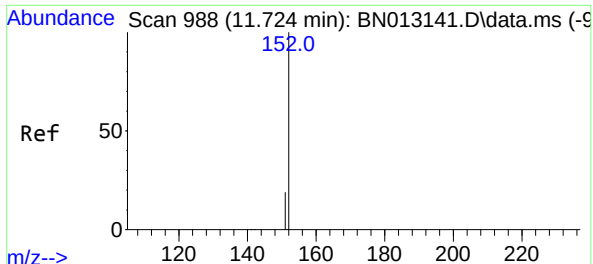
Tgt Ion:	136	Resp:	2065
Ion	Ratio	Lower	Upper
136	100		
137	18.1	10.6	15.8#
54	17.4	8.6	12.8#
68	12.9	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion:	82	Resp:	465
Ion	Ratio	Lower	Upper
82	100		
128	61.4	30.6	46.0#
54	78.0	48.3	72.5#

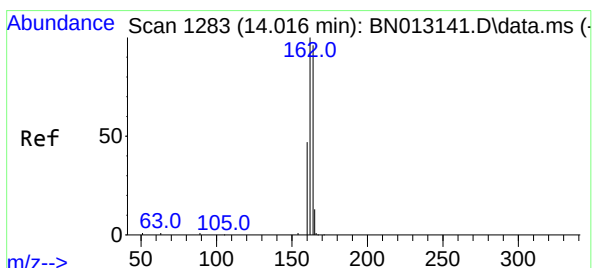
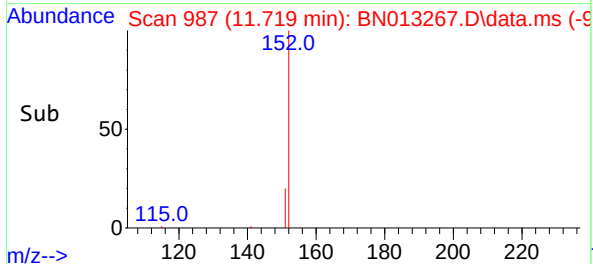
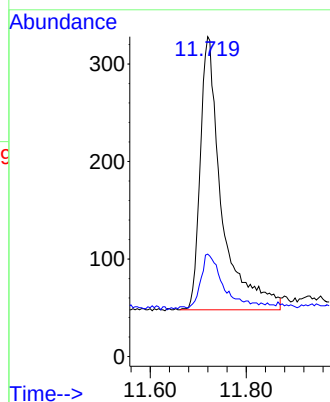
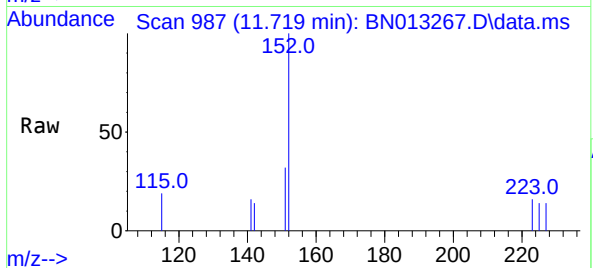




#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.719 min Scan# 987
Delta R.T. 0.013 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

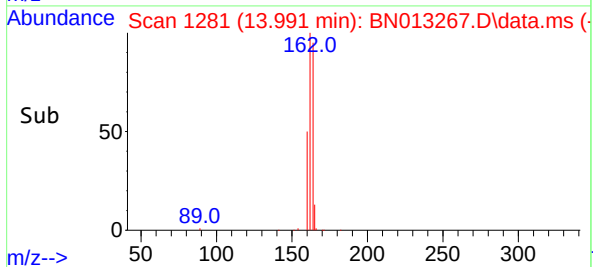
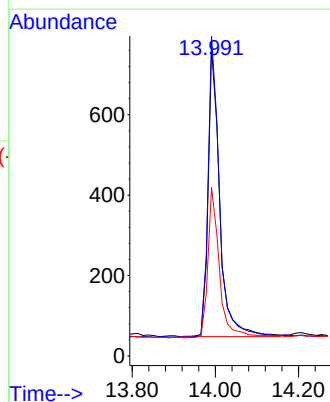
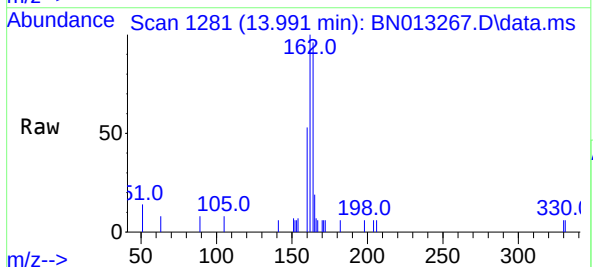
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MW179D-20201214

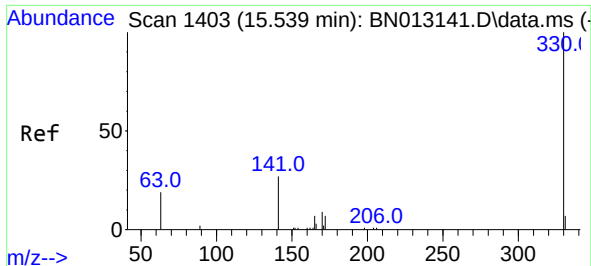
Tgt Ion:152 Resp: 869
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion:164 Resp: 1391
Ion Ratio Lower Upper
164 100
162 104.2 80.6 120.8
160 54.8 39.5 59.3

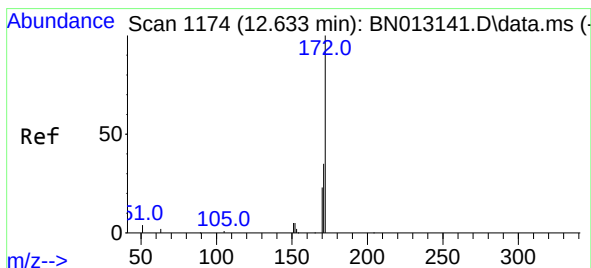
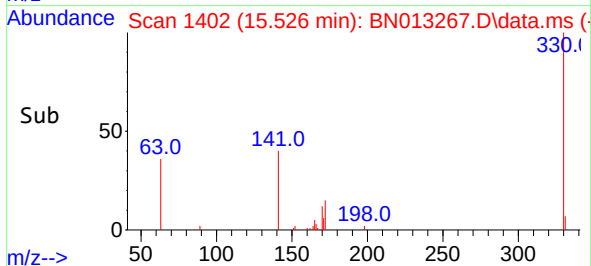
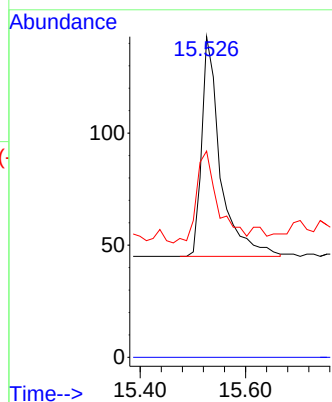
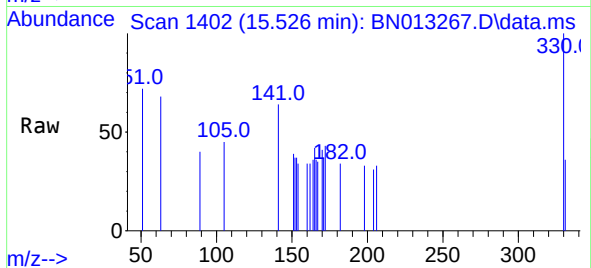




#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

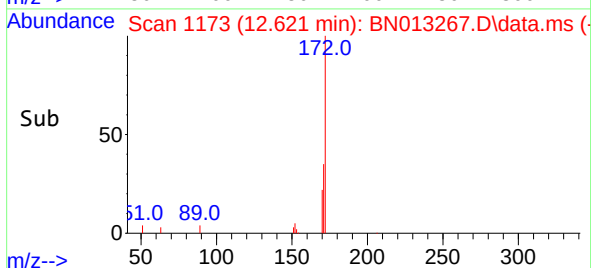
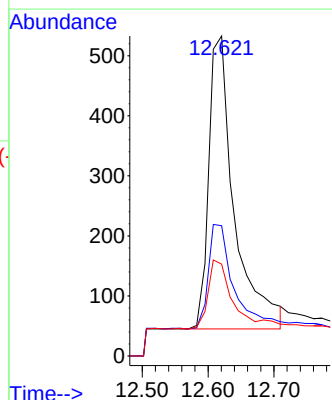
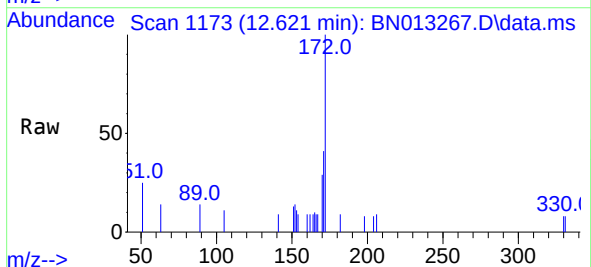
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MW179D-20201214

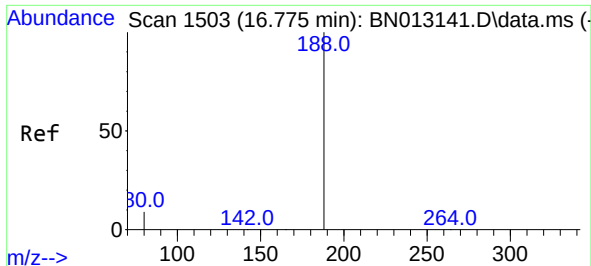
Tgt Ion:330 Resp: 242
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.8 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion:172 Resp: 1318
Ion Ratio Lower Upper
172 100
171 40.7 28.2 42.4
170 28.7 20.0 30.0

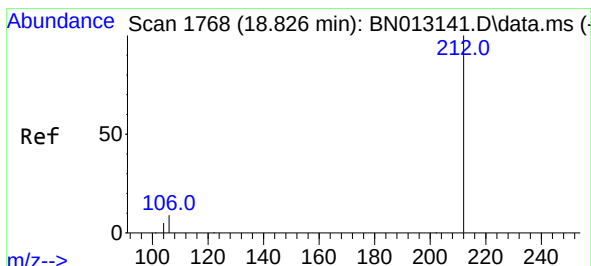
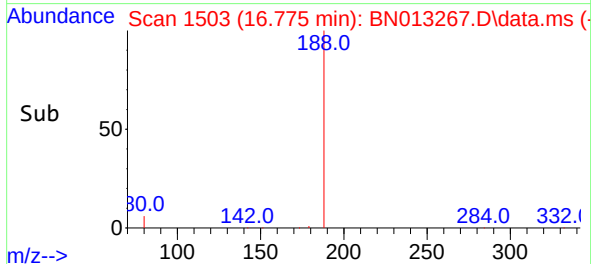
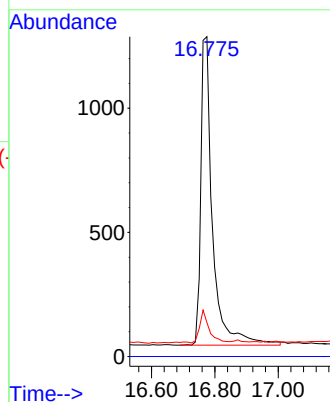
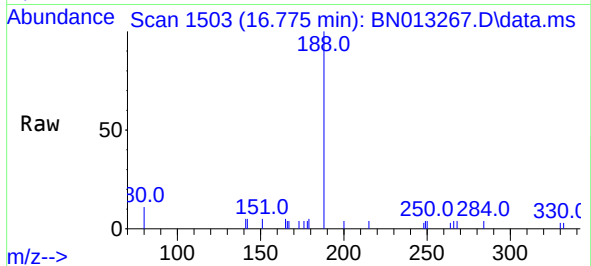




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

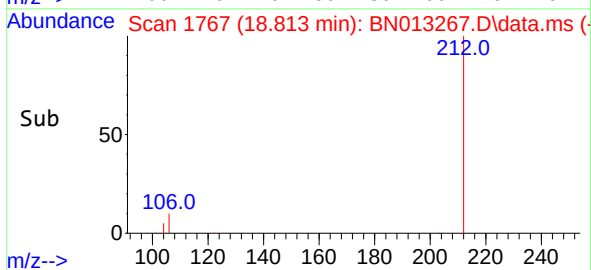
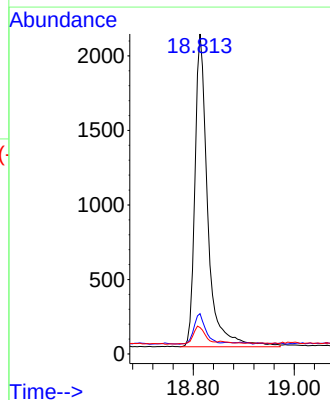
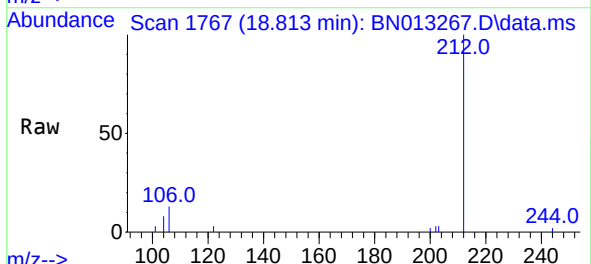
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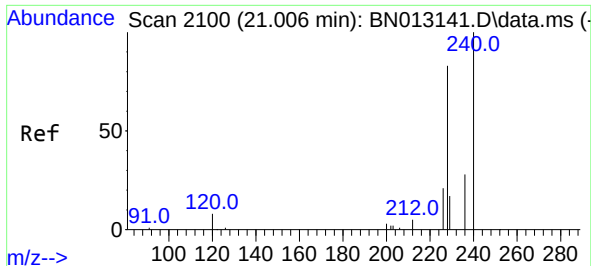
Tgt Ion:188	Resp:	3200
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.6	5.0



#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion:212	Resp:	3682
Ion Ratio	Lower	Upper
212	100	
106	8.9	6.8
104	5.4	4.1

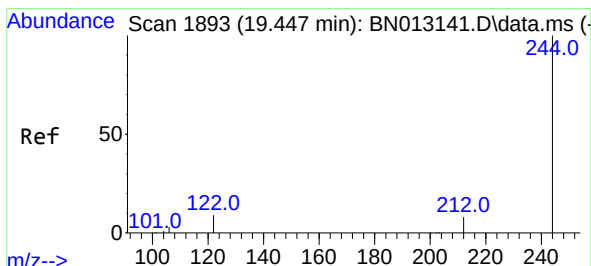
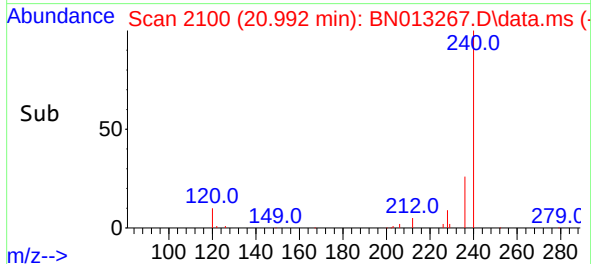
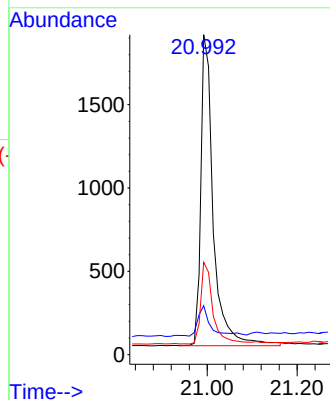
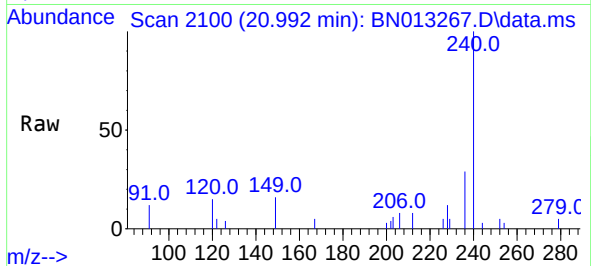




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.003 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

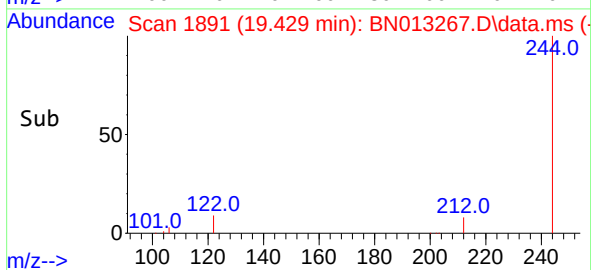
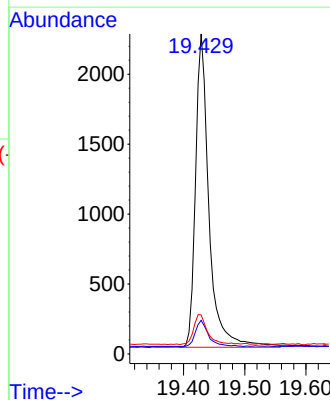
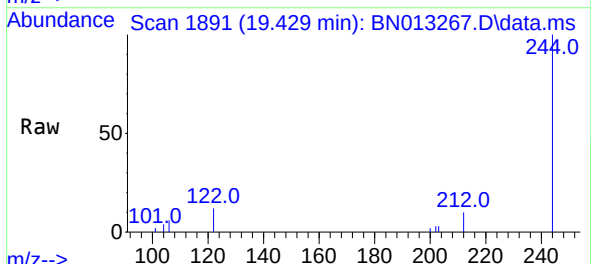
Instrument :
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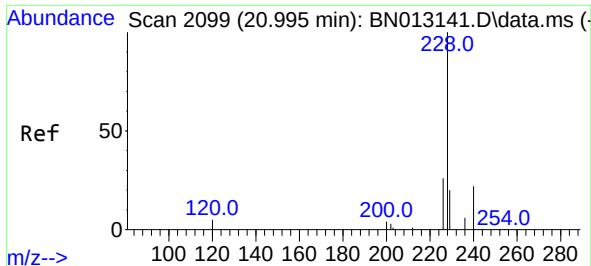
Tgt Ion:240 Resp: 3605
Ion Ratio Lower Upper
240 100
120 15.3 5.3 7.9#
236 28.9 21.8 32.8



#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion:244 Resp: 3417
Ion Ratio Lower Upper
244 100
212 10.5 7.3 10.9
122 12.2 7.3 10.9#

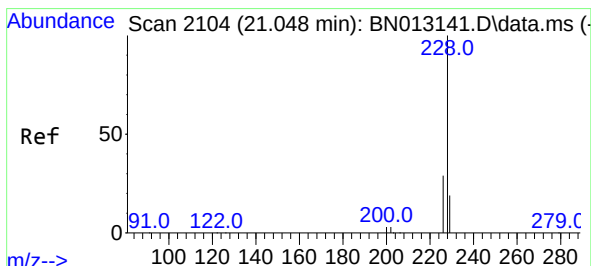
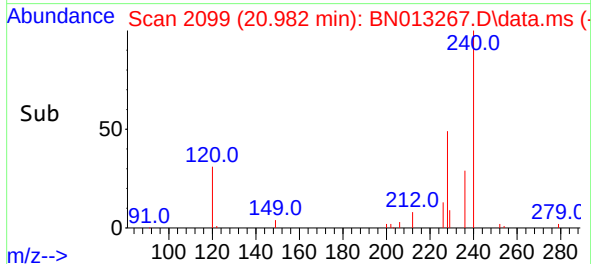
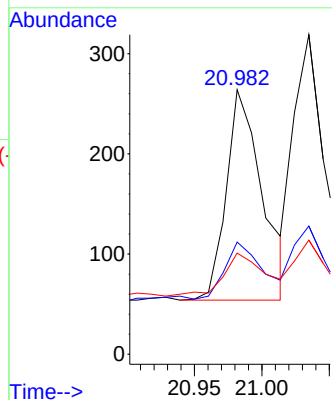
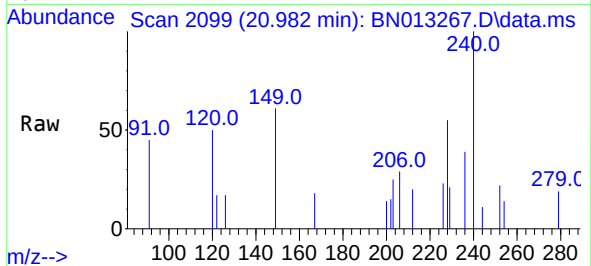




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.982 min Scan# 2099
Delta R.T. -0.003 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

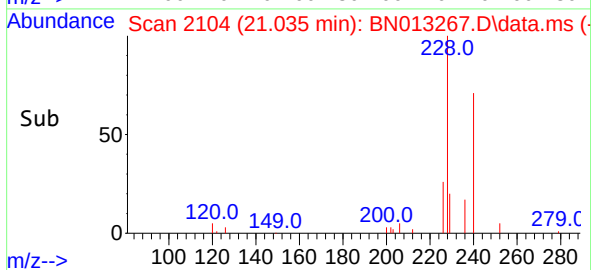
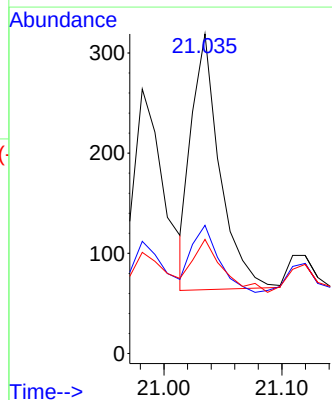
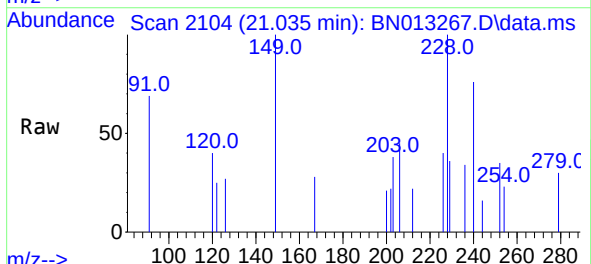
Instrument :
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ClientSampleId :
MW179D-20201214

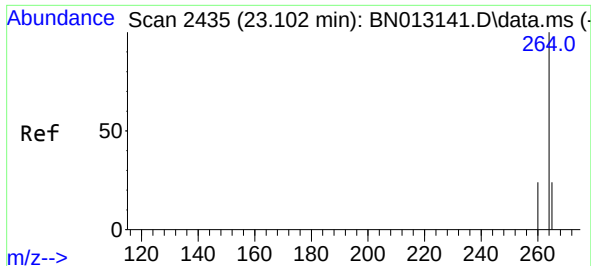
Tgt Ion:228 Resp: 389
Ion Ratio Lower Upper
228 100
226 42.4 22.3 33.5#
229 38.3 15.7 23.5#



#33
Chrysene
Concen: 0.03 ng
RT: 21.035 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

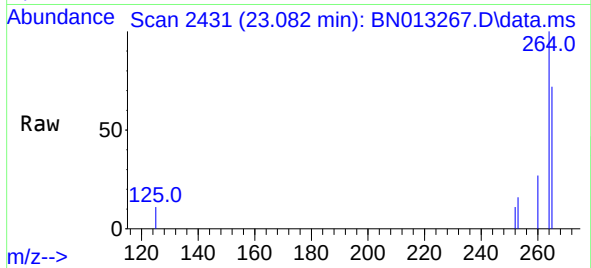
Tgt Ion:228 Resp: 425
Ion Ratio Lower Upper
228 100
226 40.1 24.2 36.2#
229 35.7 15.7 23.5#



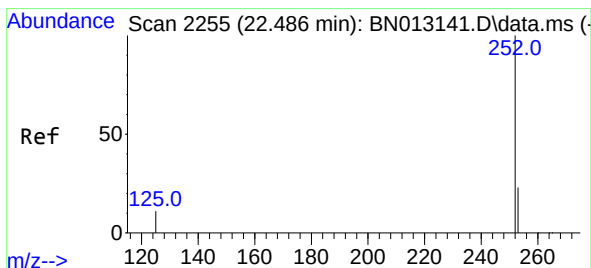
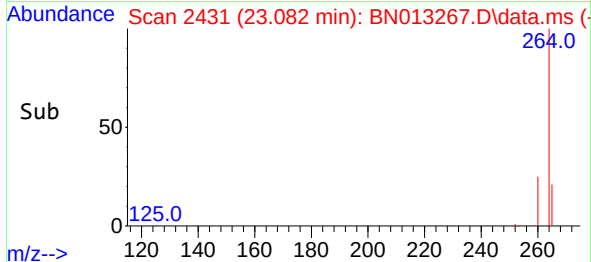
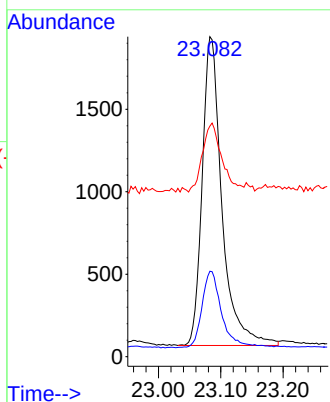


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.082 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Instrument :
BNA_N
ClientSampleId :
MW179D-20201214

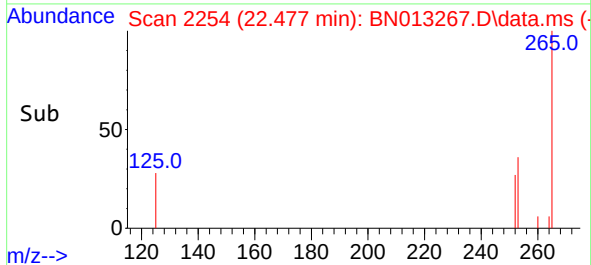
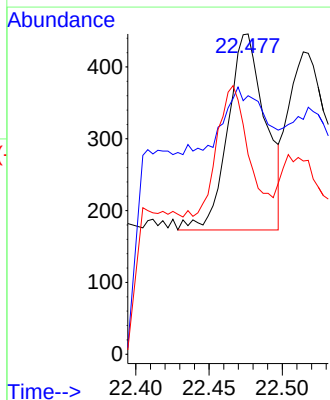
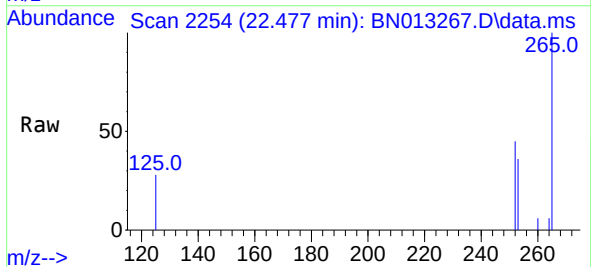


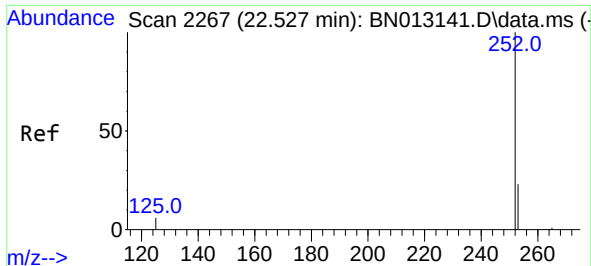
Tgt Ion:264 Resp: 4123
Ion Ratio Lower Upper
264 100
260 26.7 19.8 29.6
265 72.1 51.4 77.0



#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.477 min Scan# 2254
Delta R.T. 0.004 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion:252 Resp: 487
Ion Ratio Lower Upper
252 100
253 80.7 20.1 30.1#
125 62.3 7.2 10.8#

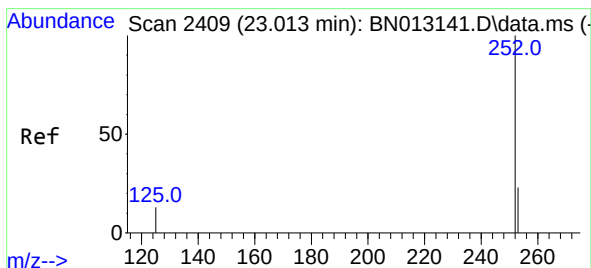
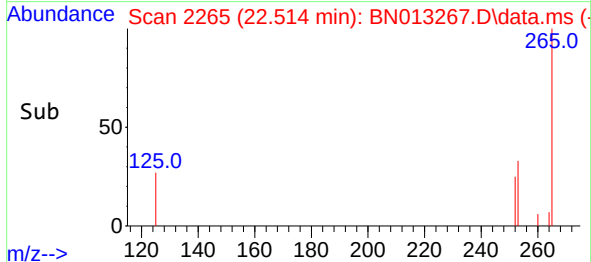
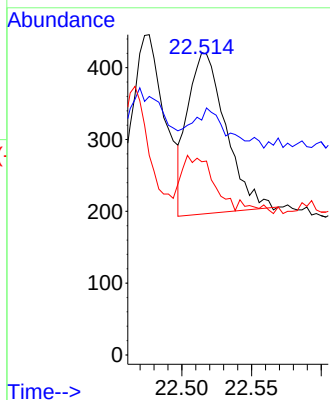
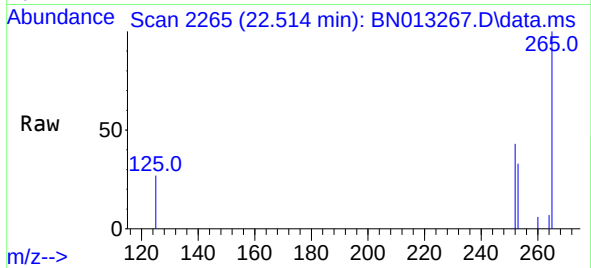




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.514 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Instrument :
BNA_N
ClientSampleId :
MW179D-20201214

Tgt Ion:252 Resp: 425
Ion Ratio Lower Upper
252 100
253 77.7 19.8 29.8#
125 63.9 7.1 10.7#



#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 22.997 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BN013267.D
Acq: 22 Dec 2020 11:35

Tgt Ion:252 Resp: 399
Ion Ratio Lower Upper
252 100
253 99.4 21.3 31.9#
125 63.9 8.3 12.5#

