

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013264.D
 Acq On : 22 Dec 2020 09:47
 Operator : CG/JU
 Sample : L5123-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20201214

Manual Integrations
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Quant Time: Dec 22 10:48:21 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	7.330	152	601	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2027	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1313	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	2962	0.40	ng	# 0.00
29) Chrysene-d12	20.992	240	3788	0.40	ng	# 0.00
36) Perylene-d12	23.083	264	4331	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	159	0.06	ng	0.02
5) Phenol-d6	6.557	99	89	0.04	ng	0.02
8) Nitrobenzene-d5	8.528	82	500	0.24	ng	0.03
11) 2-Methylnaphthalene-d10	11.711	152	896	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	214	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1431	0.26	ng	0.00
27) Fluoranthene-d10	18.808	212	3653	0.37	ng	0.00
31) Terphenyl-d14	19.429	244	4259	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	724	0.69	ng	# 82
25) Phenanthrene	16.812	178	491	0.05	ng	# 88
28) Fluoranthene	18.843	202	968	0.08	ng	# 97
30) Pyrene	19.210	202	909	0.06	ng	# 97
32) Benzo(a)anthracene	20.982	228	719	0.05	ng	# 82
33) Chrysene	21.035	228	801	0.06	ng	# 83
35) Indeno(1,2,3-cd)pyrene	25.136	276	680	0.03	ng	# 54
37) Benzo(b)fluoranthene	22.477	252	896	0.06	ng	# 19
38) Benzo(k)fluoranthene	22.511	252	718m	0.04	ng	
39) Benzo(a)pyrene	22.994	252	751	0.05	ng	# 8
40) Dibenzo(a,h)anthracene	25.136	278	370	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.752	276	784	0.04	ng	# 49

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

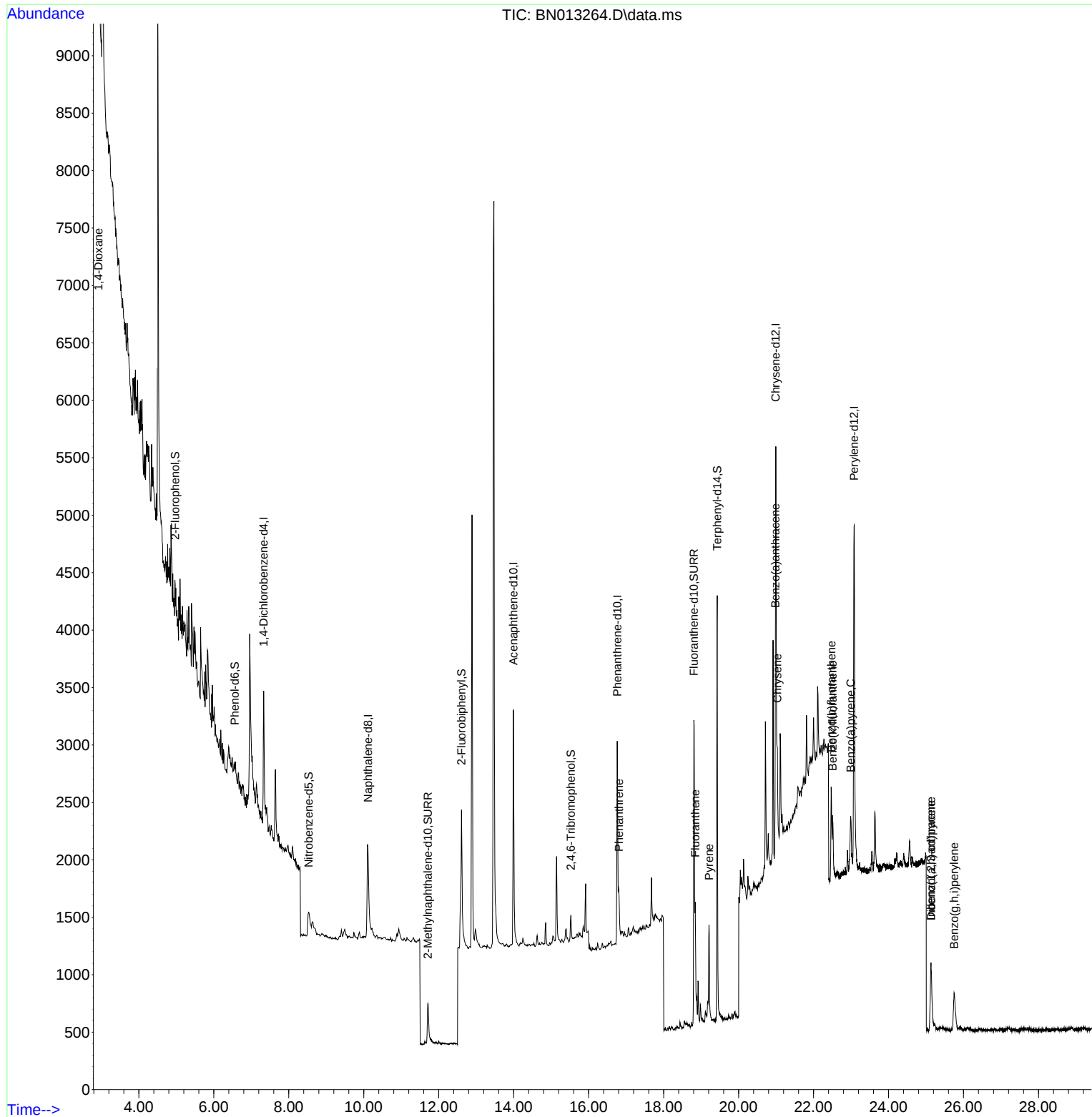
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013264.D
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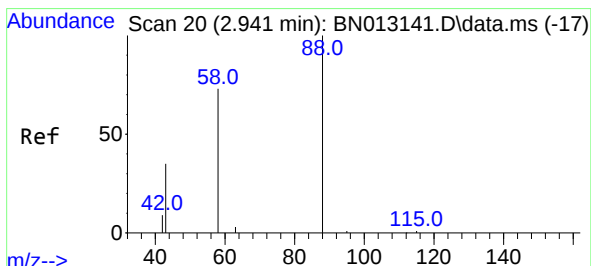
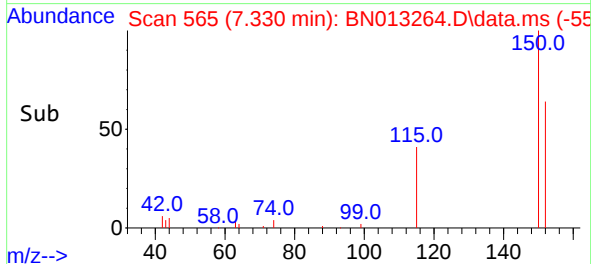
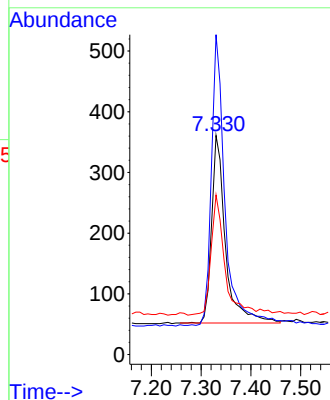
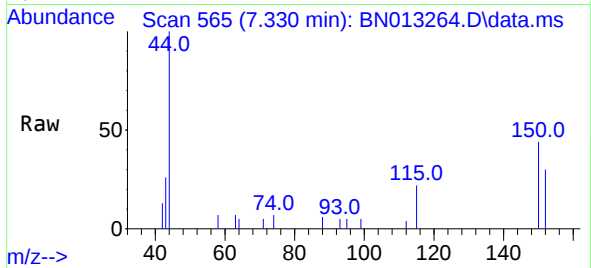
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1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion: 152 Resp: 601
Ion Ratio Lower Upper
152 100
150 146.0 116.6 174.8
115 72.9 52.9 79.3

Instrument :
BNA_N
ClientSampleId :
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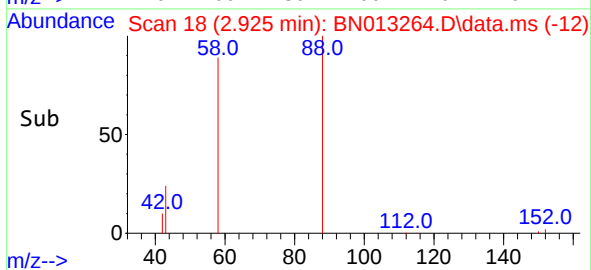
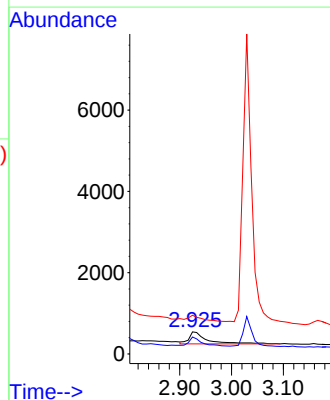
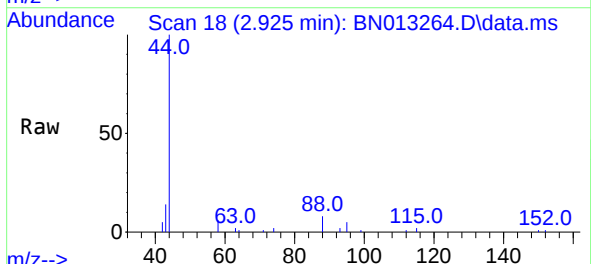
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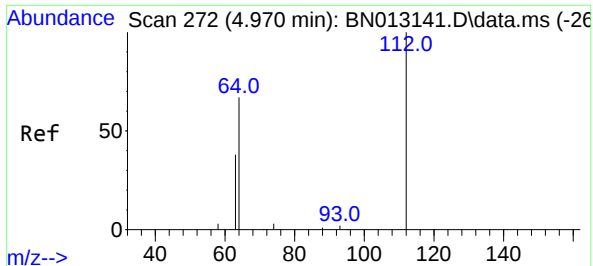
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#2
1,4-Dioxane
Concen: 0.69 ng
RT: 2.925 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion: 88 Resp: 724
Ion Ratio Lower Upper
88 100
58 52.9 59.4 89.2#
43 37.6 32.3 48.5





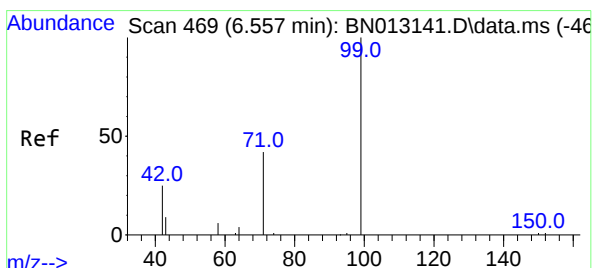
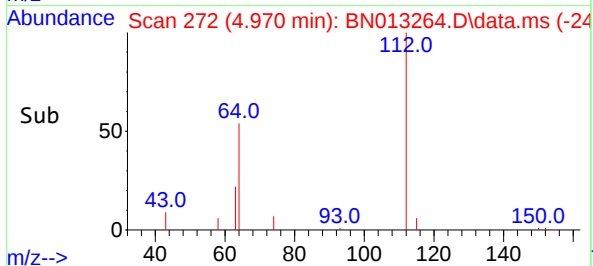
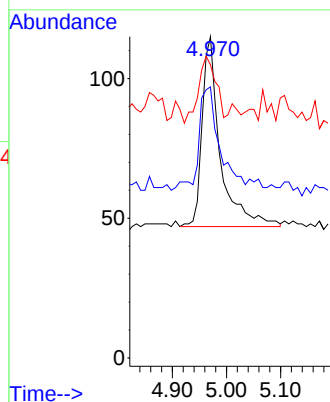
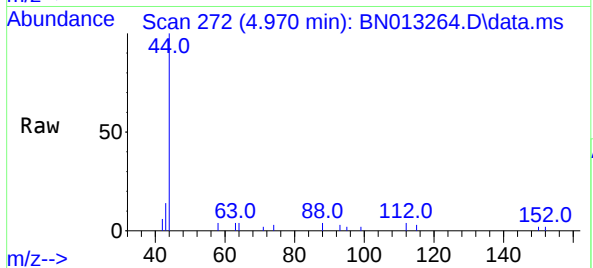
#4
2-Fluorophenol
Concen: 0.06 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.016 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:	112	Resp:	159
Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.5	74.3
63	34.6	32.0	48.0

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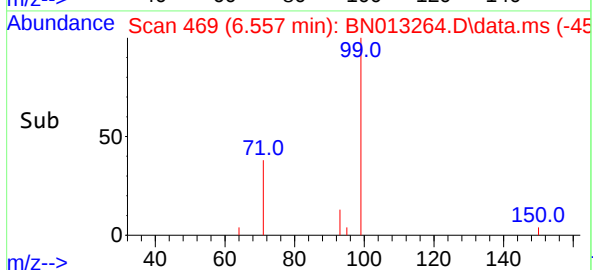
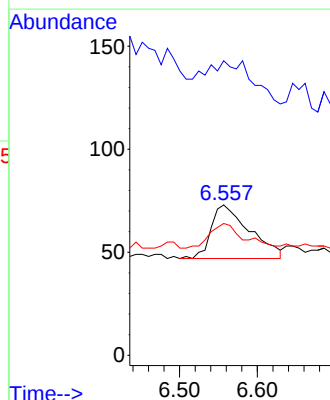
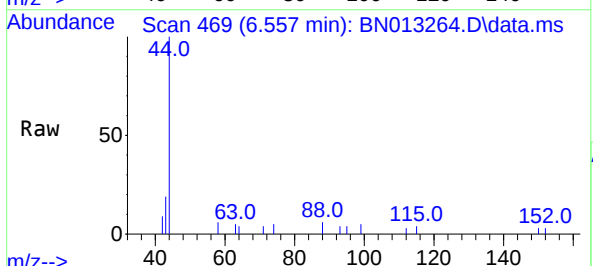
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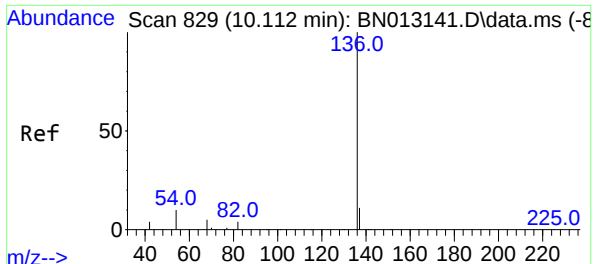
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#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.016 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

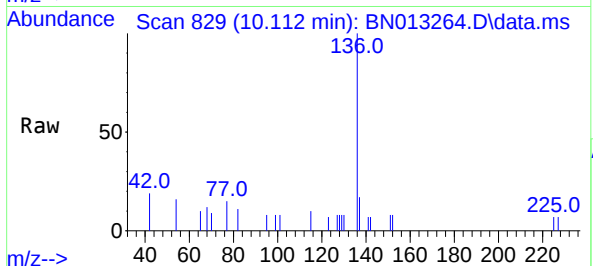
Tgt Ion:	99	Resp:	89
Ion	Ratio	Lower	Upper
99	100		
42	97.8	22.4	33.6#
71	40.4	37.8	56.6





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

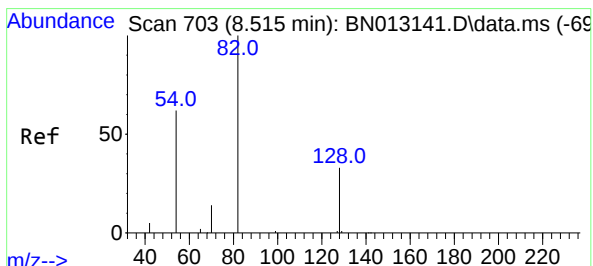
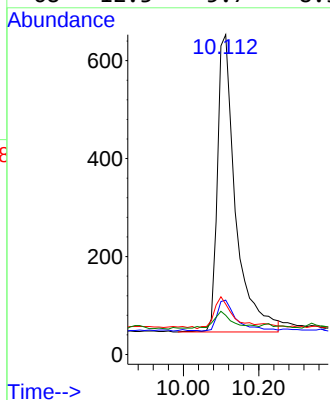
Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214



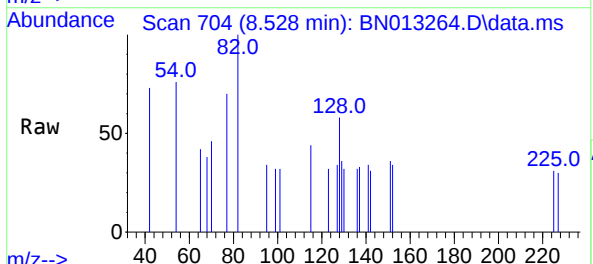
Tgt Ion:	136	Resp:	2027
Ion	Ratio	Lower	Upper
136	100		
137	17.0	10.6	15.8#
54	15.8	8.6	12.8#
68	12.3	5.7	8.5#

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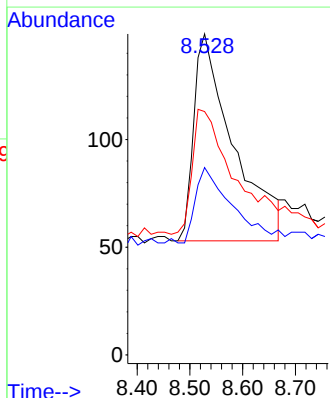
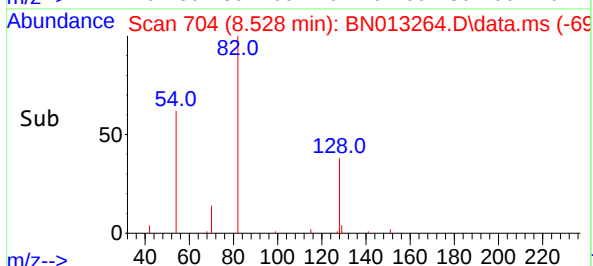
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#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.528 min Scan# 704
Delta R.T. 0.025 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47



Tgt Ion:	82	Resp:	500
Ion	Ratio	Lower	Upper
82	100		
128	58.4	30.6	46.0#
54	75.8	48.3	72.5#





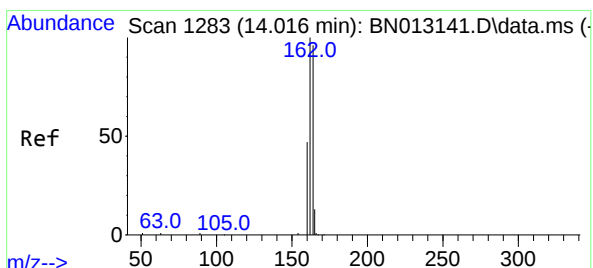
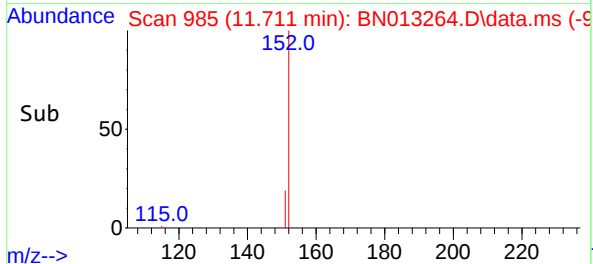
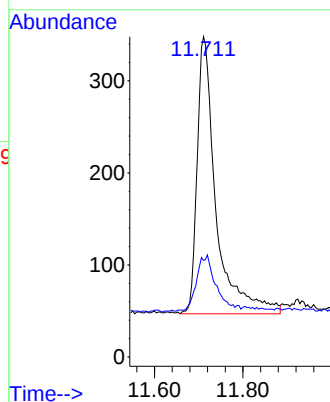
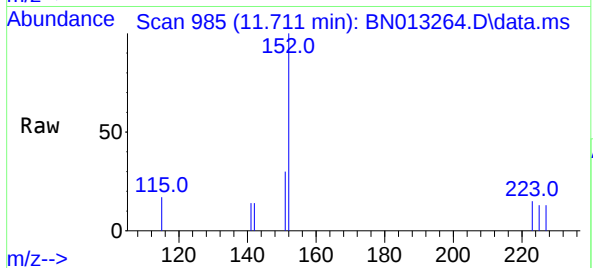
#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.711 min Scan# 985
Delta R.T. 0.005 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:152 Resp: 896
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

Instrument :
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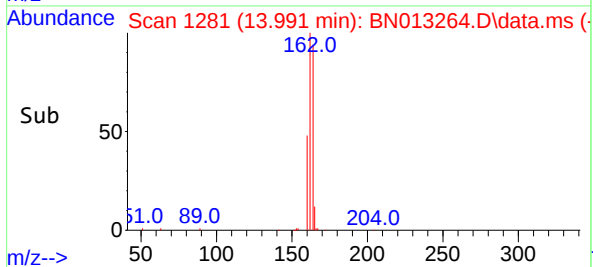
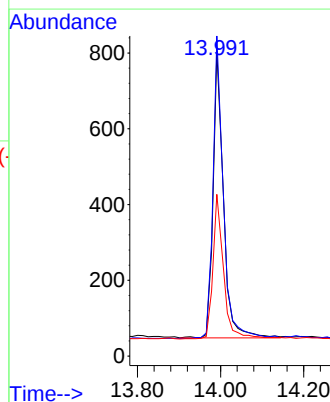
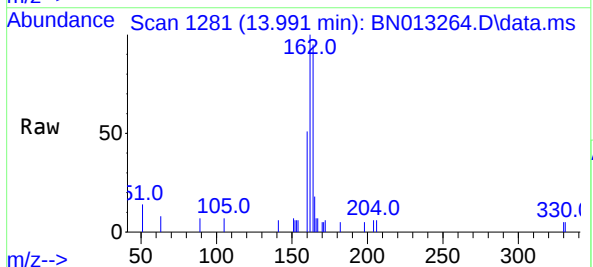
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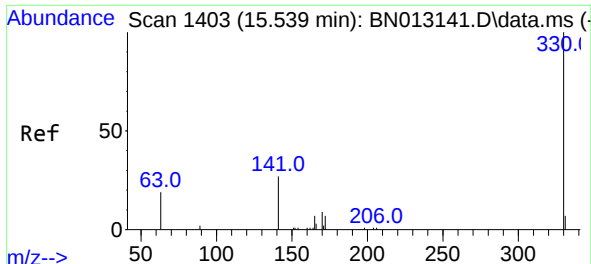
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#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

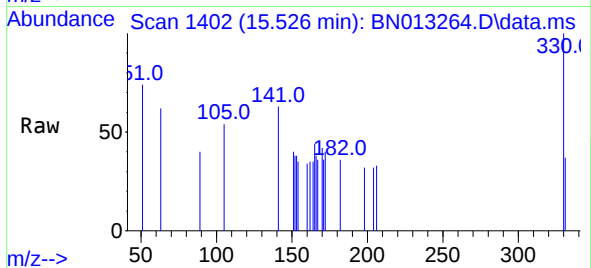
Tgt Ion:164 Resp: 1313
Ion Ratio Lower Upper
164 100
162 105.1 80.6 120.8
160 53.1 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.526 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

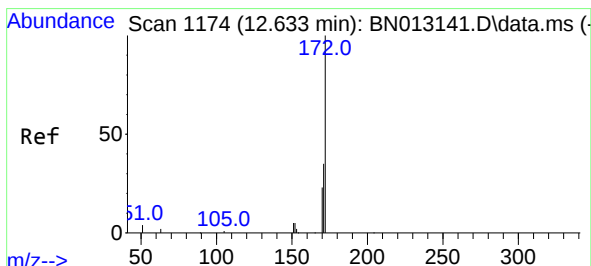
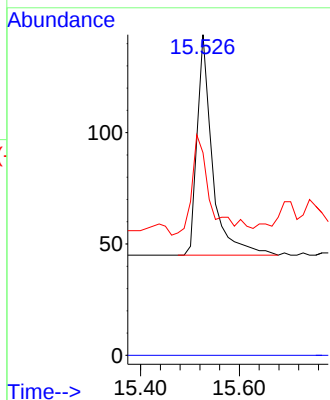
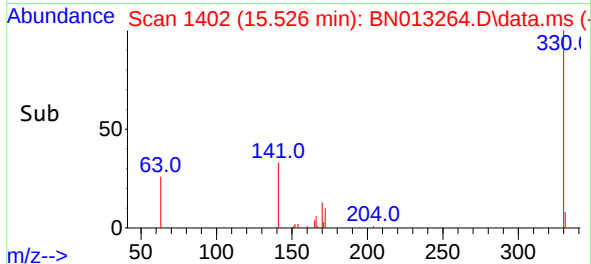
Instrument :
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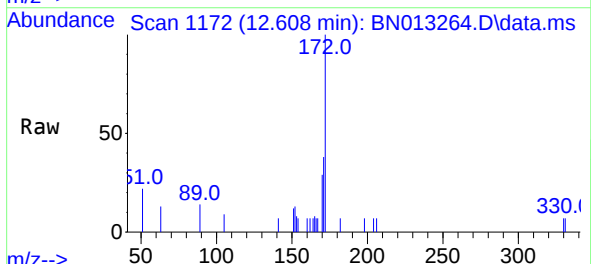
Tgt Ion:330 Resp: 214
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 56.1 34.4 51.6#

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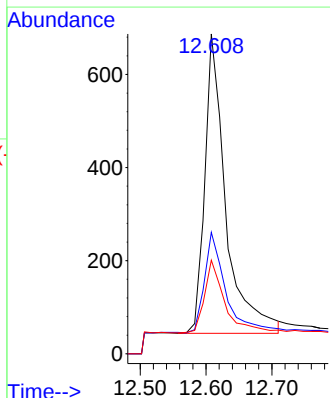
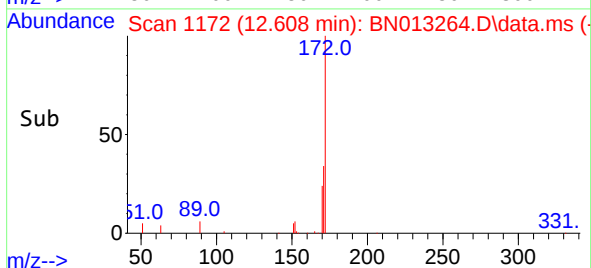
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#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.608 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

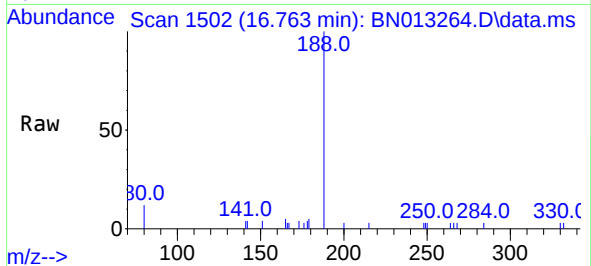


Tgt Ion:172 Resp: 1431
Ion Ratio Lower Upper
172 100
171 38.0 28.2 42.4
170 29.3 20.0 30.0

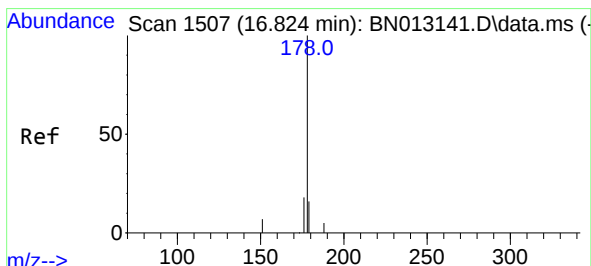
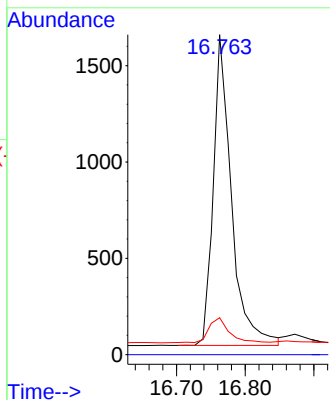
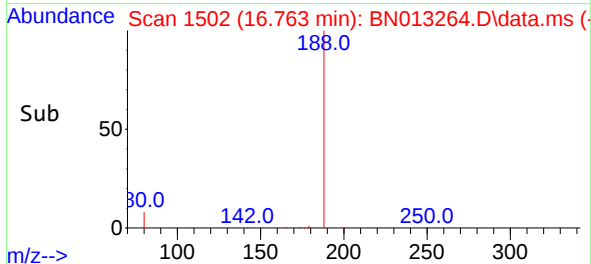




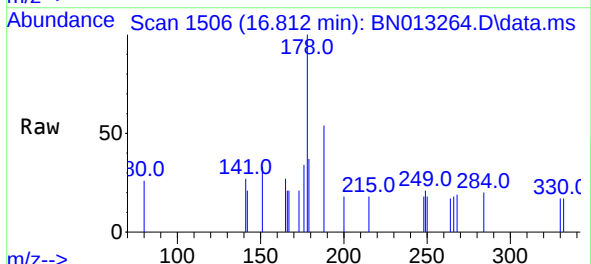
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Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47



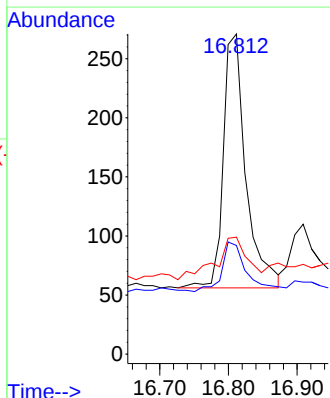
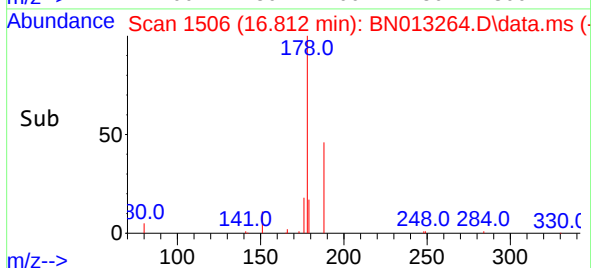
Tgt Ion:188 Resp: 2962
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 5.0 7.4#



#25
Phenanthrene
Concen: 0.05 ng
RT: 16.812 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47



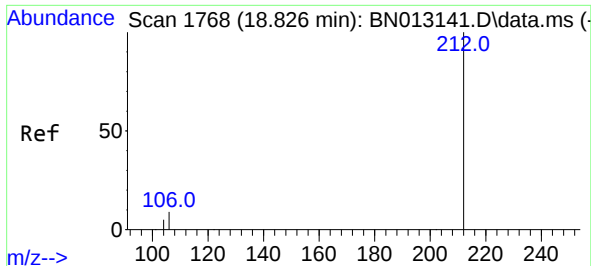
Tgt Ion:178 Resp: 491
Ion Ratio Lower Upper
178 100
176 21.4 14.8 22.2
179 23.6 12.4 18.6#



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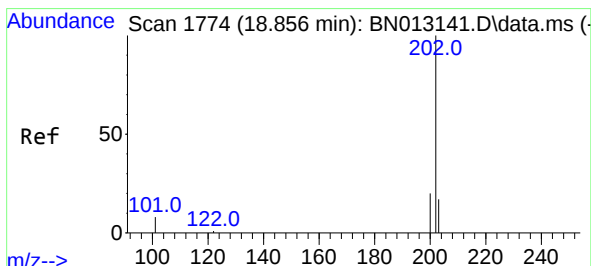
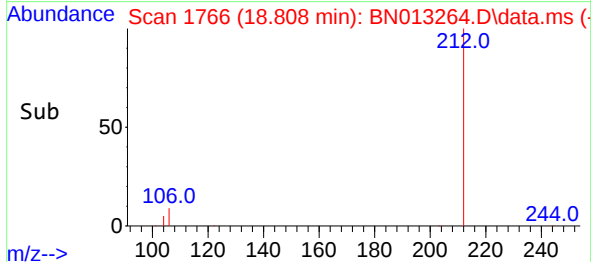
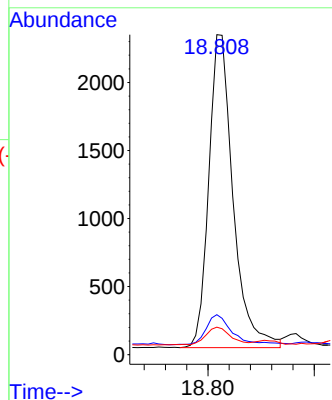
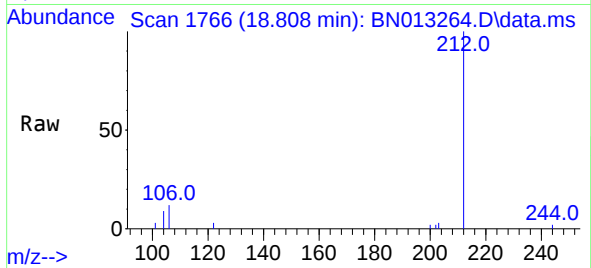
#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.808 min Scan# 1766
Delta R.T. -0.008 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:212 Resp: 3653
Ion Ratio Lower Upper
212 100
106 10.2 6.8 10.2#
104 6.0 4.1 6.1

Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214

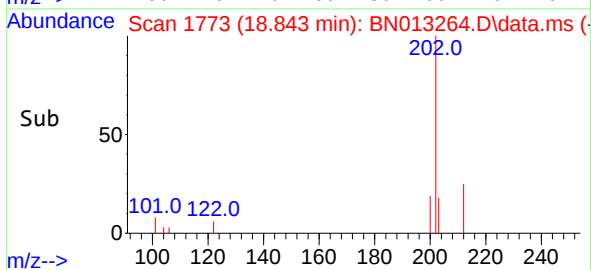
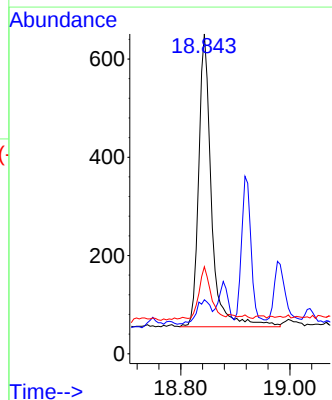
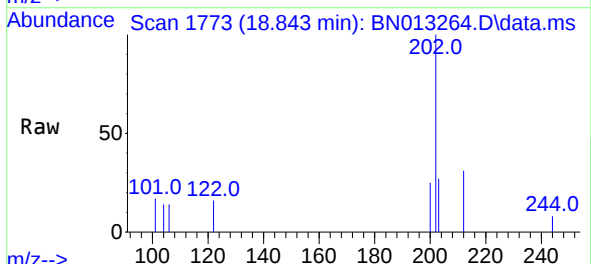
Manual Integrations
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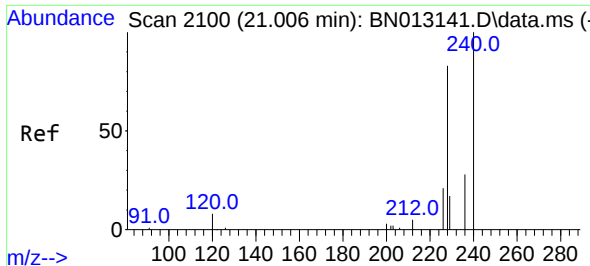
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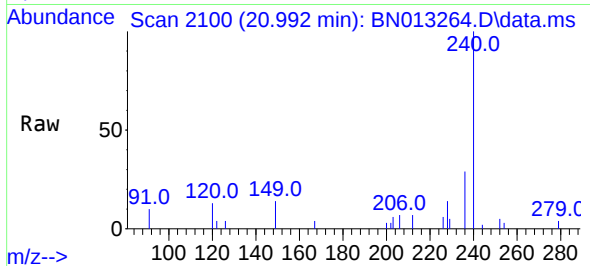
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Fluoranthene
Concen: 0.08 ng
RT: 18.843 min Scan# 1773
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:202 Resp: 968
Ion Ratio Lower Upper
202 100
101 8.8 5.8 8.6#
203 16.2 13.7 20.5

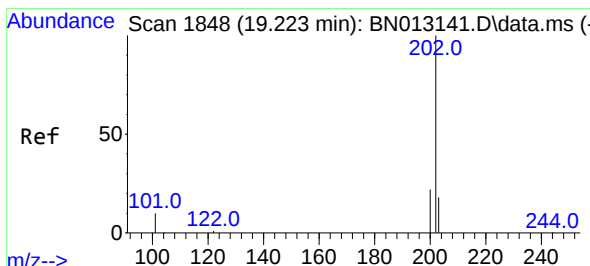
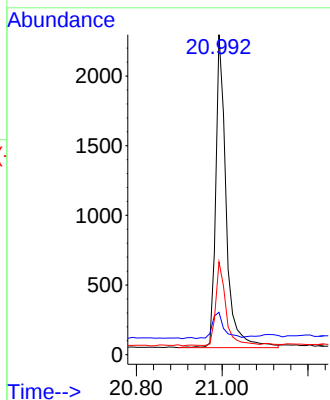
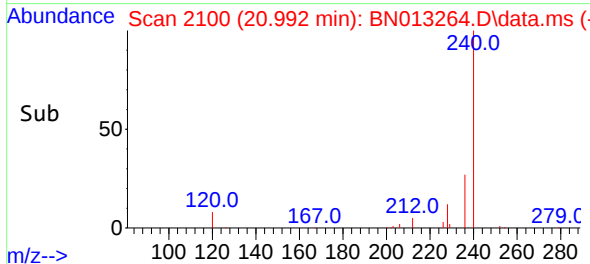




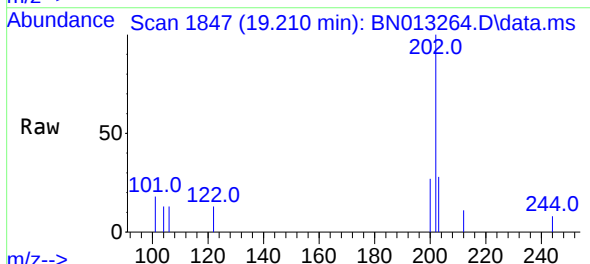
#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47



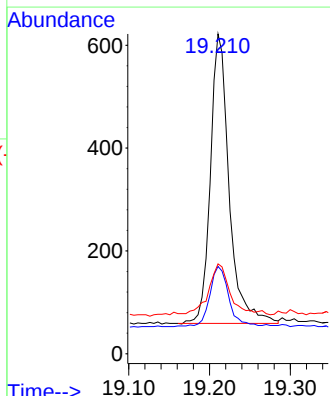
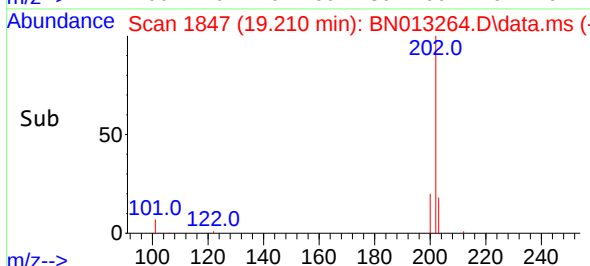
Tgt Ion:240 Resp: 3788
Ion Ratio Lower Upper
240 100
120 13.2 5.3 7.9#
236 29.0 21.8 32.8



#30
Pyrene
Concen: 0.06 ng
RT: 19.210 min Scan# 1847
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47



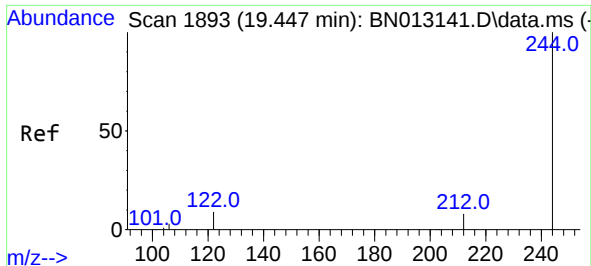
Tgt Ion:202 Resp: 909
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 20.0 13.8 20.8



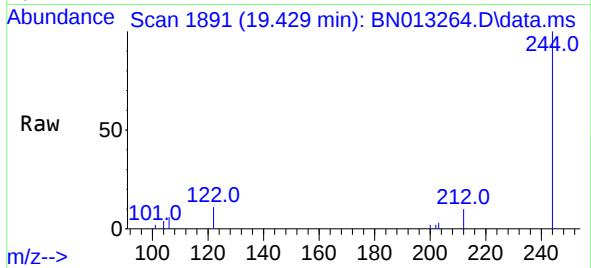
Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214

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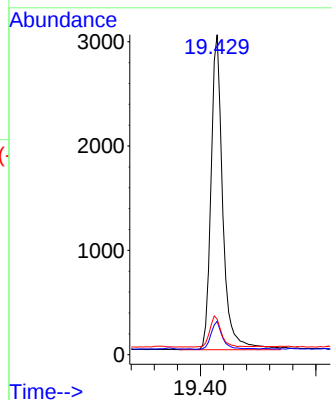
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#31
 Terphenyl-d14
 Concen: 0.44 ng
 RT: 19.429 min Scan# 1891
 Delta R.T. -0.003 min
 Lab File: BN013264.D
 Acq: 22 Dec 2020 09:47



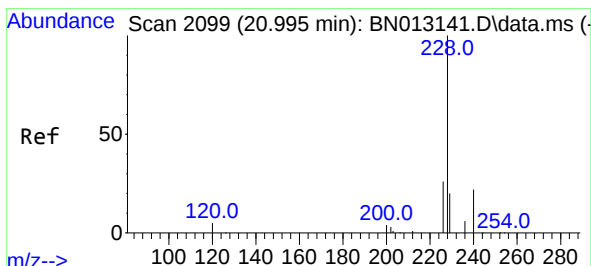
Tgt Ion:244 Resp: 4259
 Ion Ratio Lower Upper
 244 100
 212 10.4 7.3 10.9
 122 11.1 7.3 10.9#



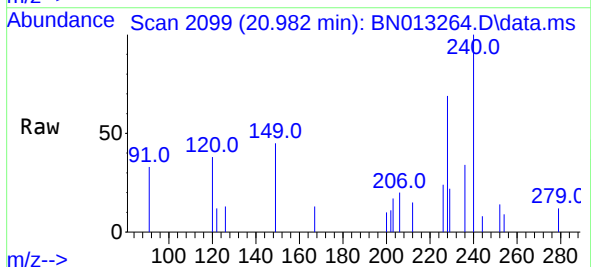
Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20201214

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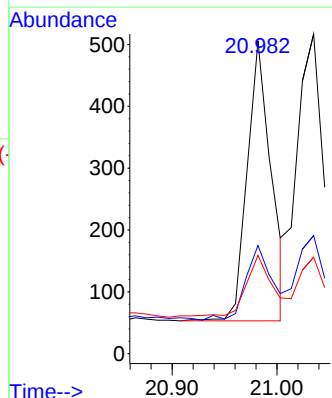
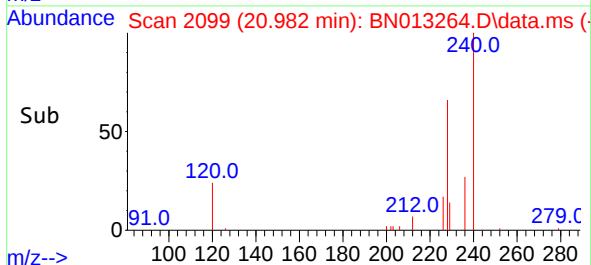
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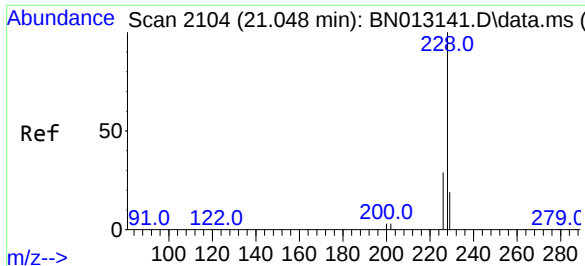


#32
 Benzo(a)anthracene
 Concen: 0.05 ng
 RT: 20.982 min Scan# 2099
 Delta R.T. -0.003 min
 Lab File: BN013264.D
 Acq: 22 Dec 2020 09:47



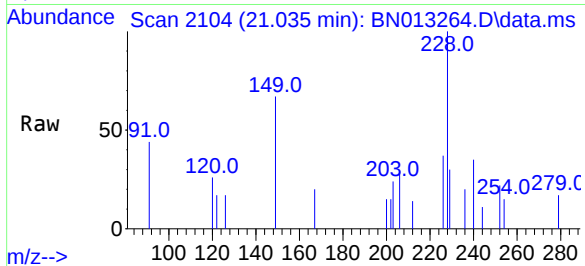
Tgt Ion:228 Resp: 719
 Ion Ratio Lower Upper
 228 100
 226 34.6 22.3 33.5#
 229 31.4 15.7 23.5#





#33
Chrysene
Concen: 0.06 ng
RT: 21.035 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

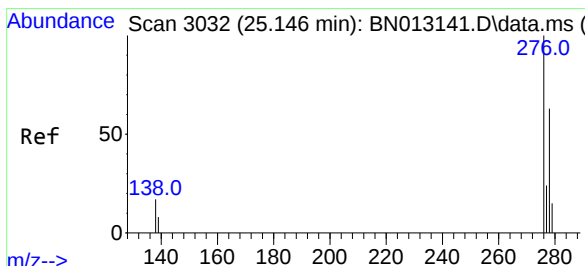
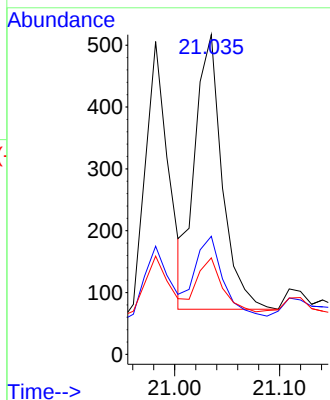
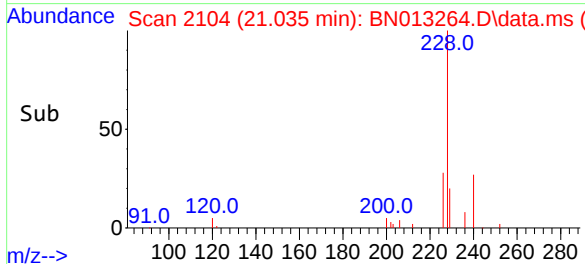
Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214



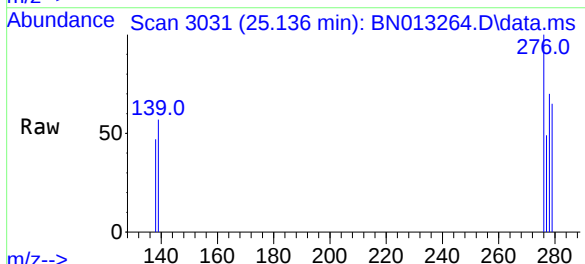
Tgt Ion:228 Resp: 801
Ion Ratio Lower Upper
228 100
226 36.9 24.2 36.2#
229 30.2 15.7 23.5#

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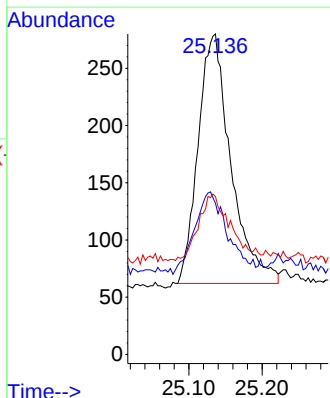
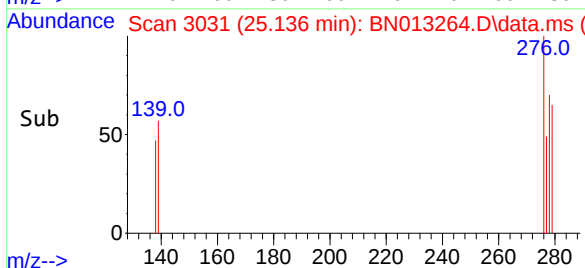
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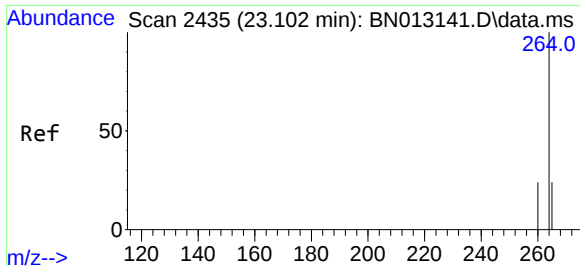


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.136 min Scan# 3031
Delta R.T. 0.014 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47



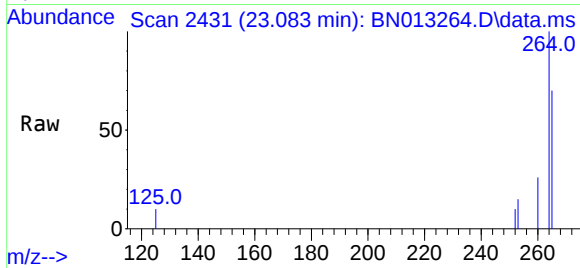
Tgt Ion:276 Resp: 680
Ion Ratio Lower Upper
276 100
138 0.0 13.3 19.9#
277 0.0 20.2 30.4#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.083 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214

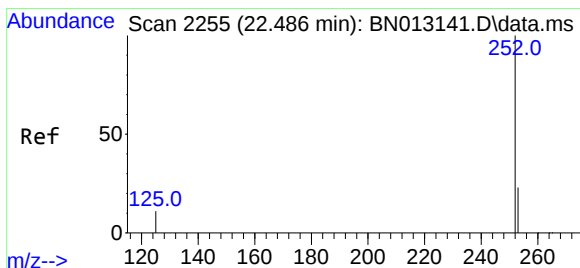
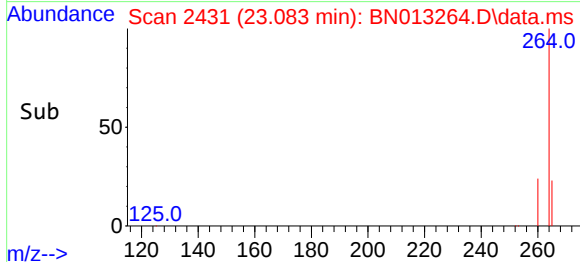
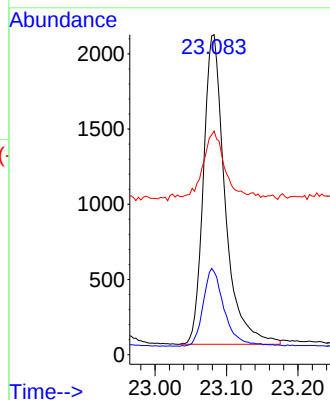


Tgt Ion:264 Resp: 4331

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.8	29.6
265	69.8	51.4	77.0

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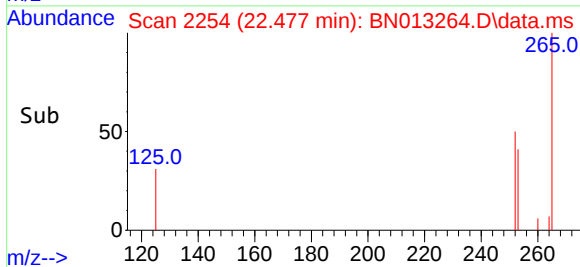
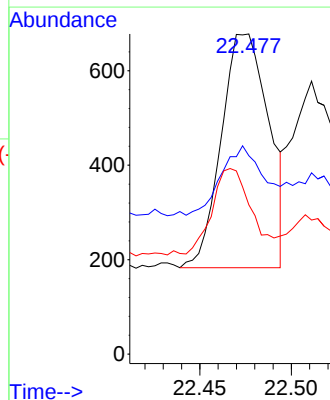
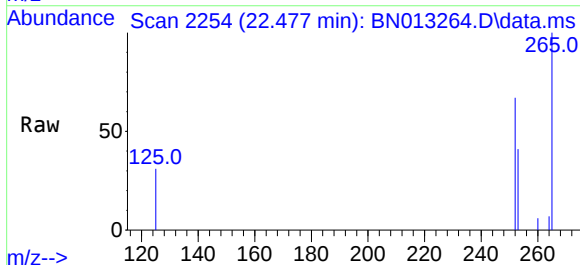
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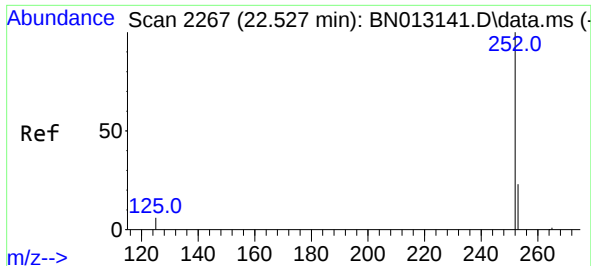


#37
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.477 min Scan# 2254
Delta R.T. 0.004 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:252 Resp: 896

Ion	Ratio	Lower	Upper
252	100		
253	61.9	20.1	30.1#
125	46.6	7.2	10.8#





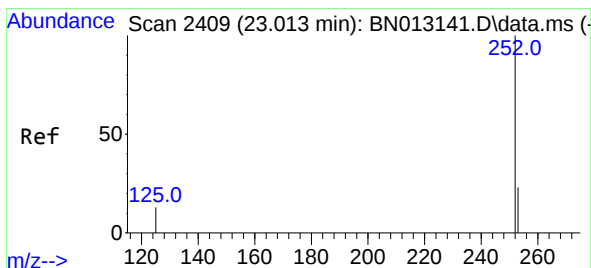
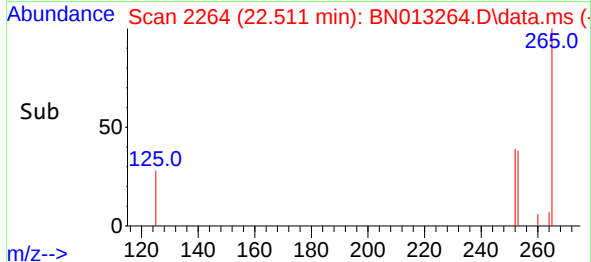
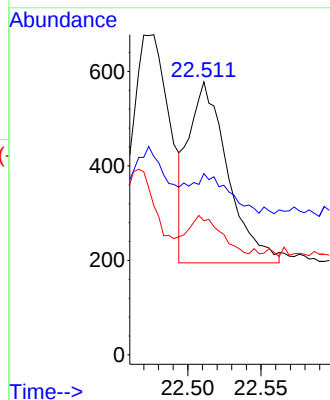
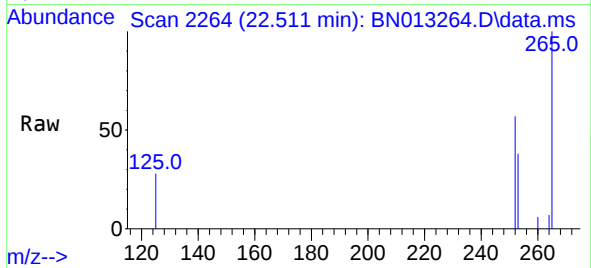
#38
Benzo(k)fluoranthene
Concen: 0.04 ng m
RT: 22.511 min Scan# 2264
Delta R.T. -0.003 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:252 Resp: 718
Ion Ratio Lower Upper
252 100
253 66.4 19.8 29.8#
125 49.1 7.1 10.7#

Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214

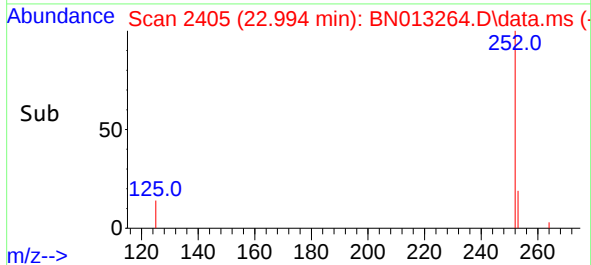
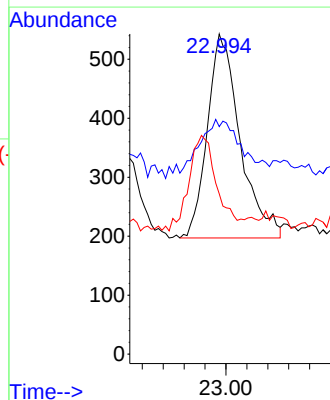
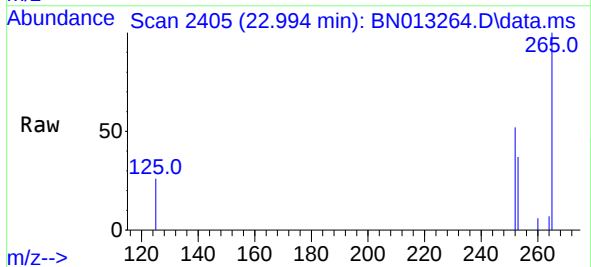
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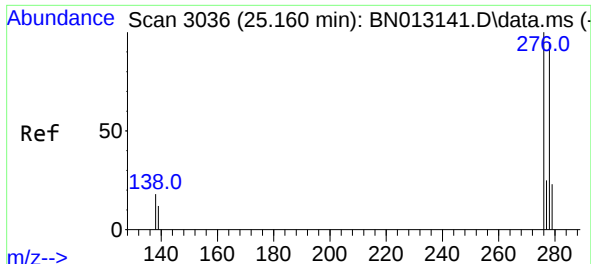
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#39
Benzo(a)pyrene
Concen: 0.05 ng
RT: 22.994 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion:252 Resp: 751
Ion Ratio Lower Upper
252 100
253 71.1 21.3 31.9#
125 50.1 8.3 12.5#





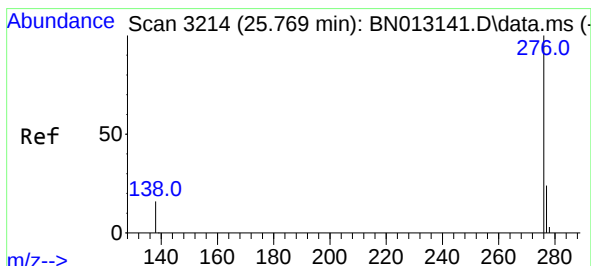
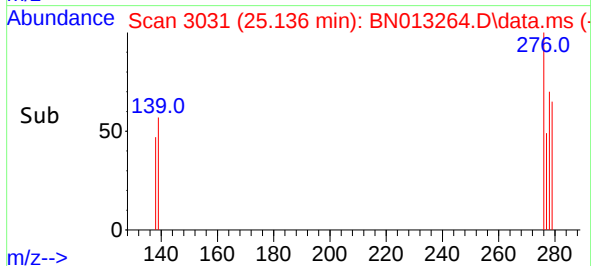
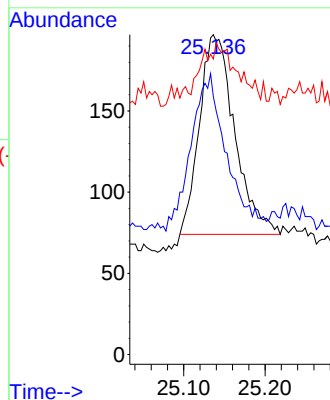
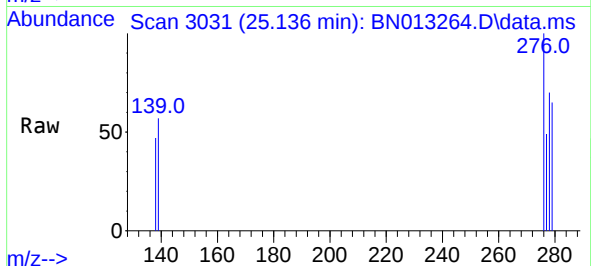
#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.136 min Scan# 3031
Delta R.T. 0.004 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion: 278 Resp: 370
Ion Ratio Lower Upper
278 100
139 80.7 9.3 13.9#
279 92.4 21.6 32.4#

Instrument :
BNA_N
ClientSampleId :
MW179D1-20201214

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#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 25.752 min Scan# 3211
Delta R.T. 0.011 min
Lab File: BN013264.D
Acq: 22 Dec 2020 09:47

Tgt Ion: 276 Resp: 784
Ion Ratio Lower Upper
276 100
277 46.3 19.8 29.8#
138 41.6 11.7 17.5#

