

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013274.D
 Acq On : 22 Dec 2020 15:48
 Operator : CG/JU
 Sample : L5124-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-20201214

Quant Time: Dec 22 17:03:19 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)

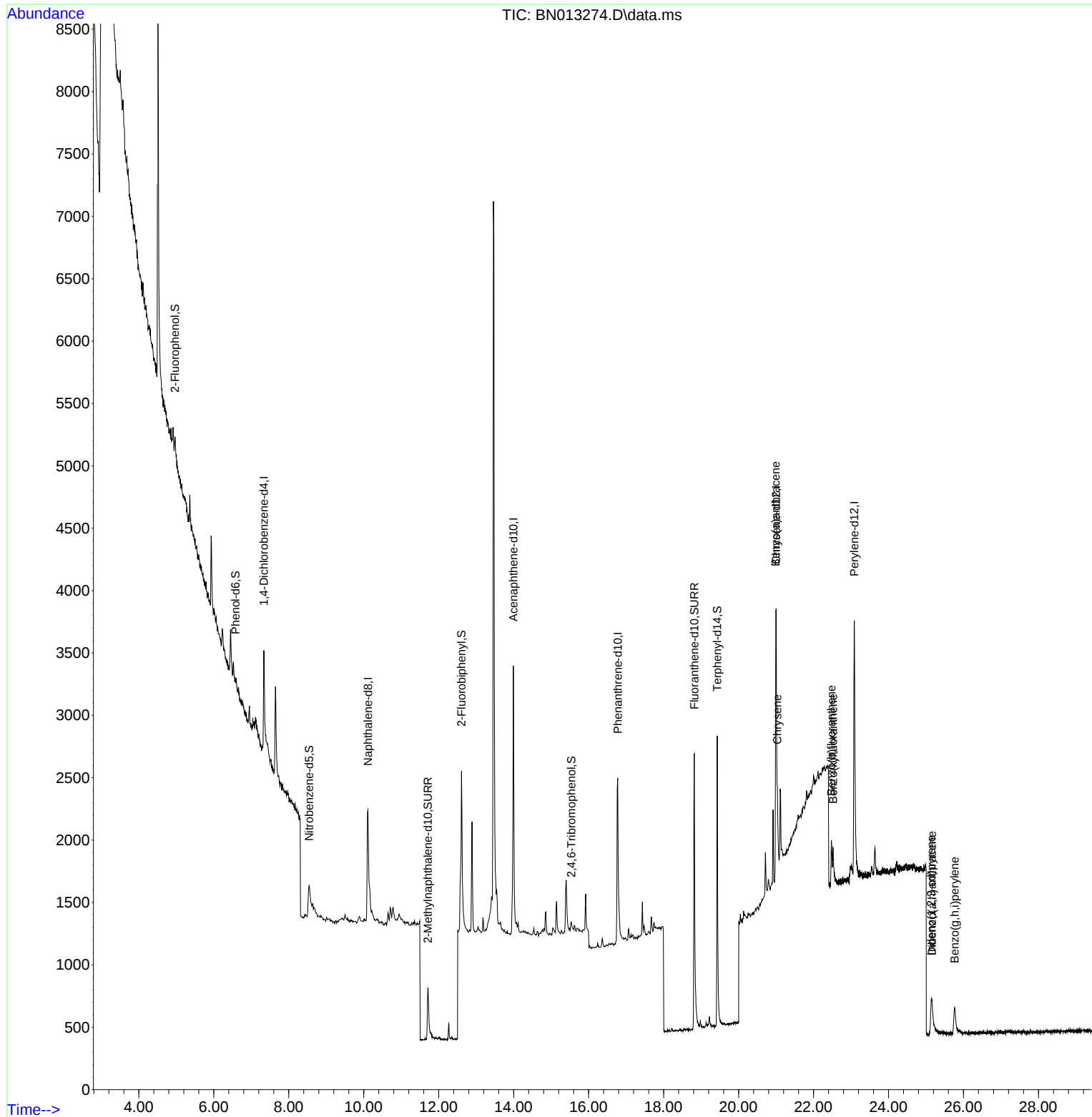
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	626	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2170	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1401	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3142	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	3205	0.40	ng	# 0.00
36) Perylene-d12	23.086	264	3417	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	201	0.08	ng	0.00
5) Phenol-d6	6.581	99	118	0.05	ng	0.04
8) Nitrobenzene-d5	8.541	82	573	0.26	ng	0.04
11) 2-Methylnaphthalene-d10	11.711	152	1047	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	91	0.10	ng	0.01
15) 2-Fluorobiphenyl	12.608	172	1602	0.27	ng	0.00
27) Fluoranthene-d10	18.818	212	3788	0.37	ng	0.00
31) Terphenyl-d14	19.429	244	3159	0.39	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	20.992	228	312	0.03	ng	# 61
33) Chrysene	21.035	228	352	0.03	ng	# 71
35) Indeno(1,2,3-cd)pyrene	25.143	276	388	0.02	ng	# 54
37) Benzo(b)fluoranthene	22.477	252	426	0.04	ng	# 1
38) Benzo(k)fluoranthene	22.521	252	456	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.160	278	285	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.763	276	571	0.04	ng	# 39

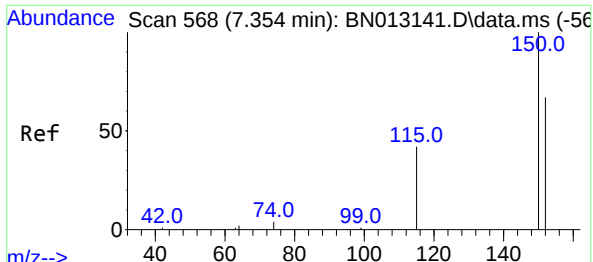
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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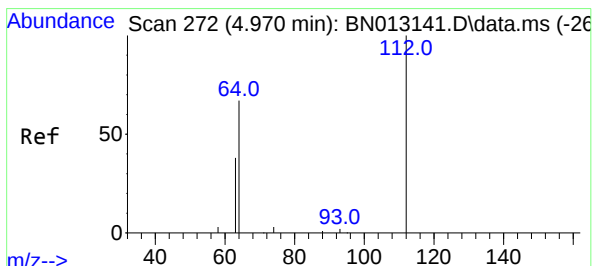
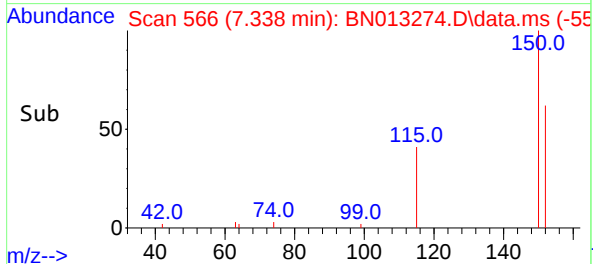
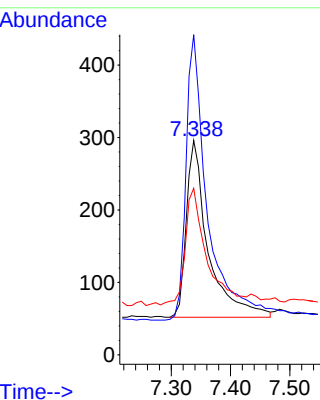
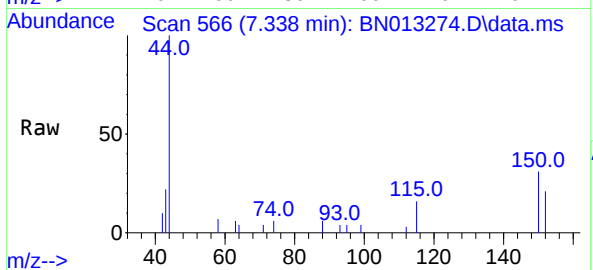




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

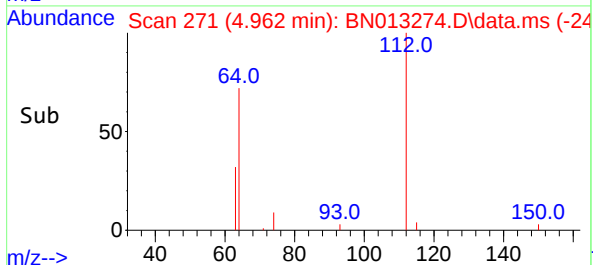
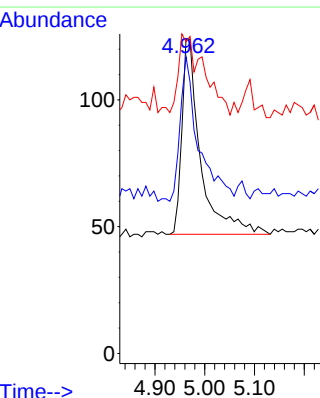
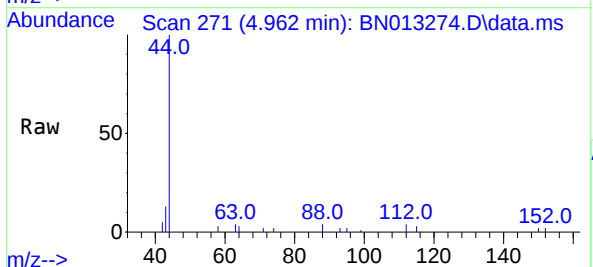
Instrument :
BNA_N
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FB-20201214

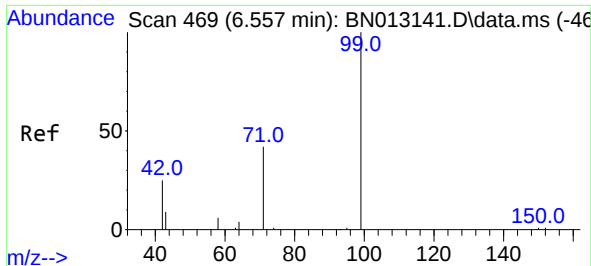
Tgt Ion:152 Resp: 626
Ion Ratio Lower Upper
152 100
150 149.3 116.6 174.8
115 77.7 52.9 79.3



#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

Tgt Ion:112 Resp: 201
Ion Ratio Lower Upper
112 100
64 68.7 49.5 74.3
63 55.7 32.0 48.0#

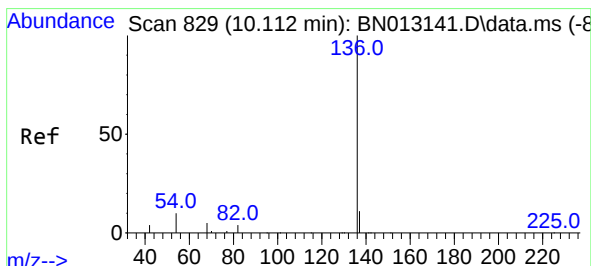
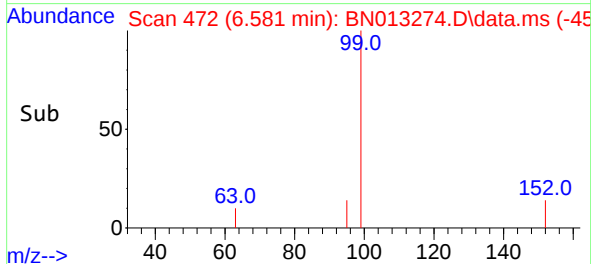
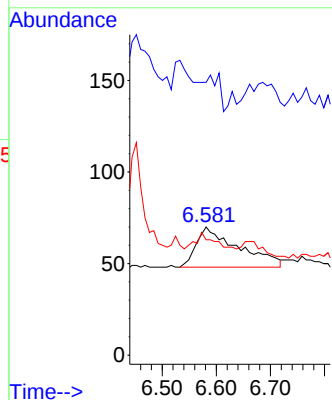
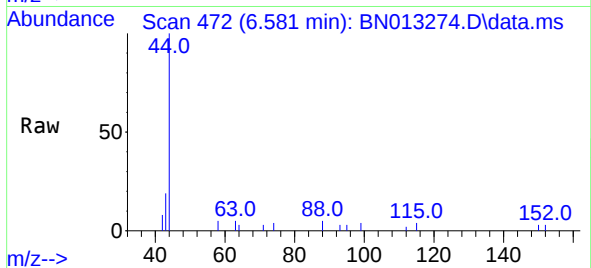




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.581 min Scan# 472
Delta R.T. 0.040 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

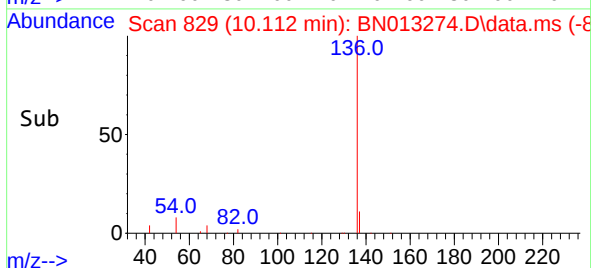
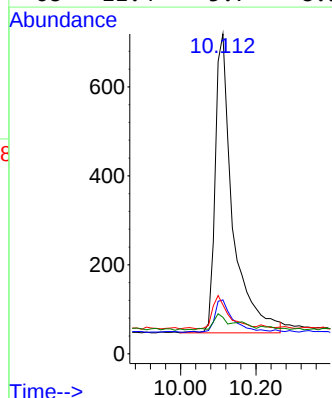
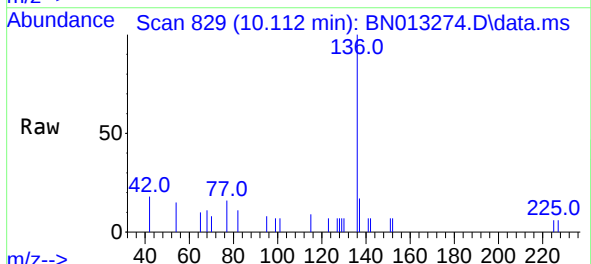
Instrument :
BNA_N
ClientSampleId :
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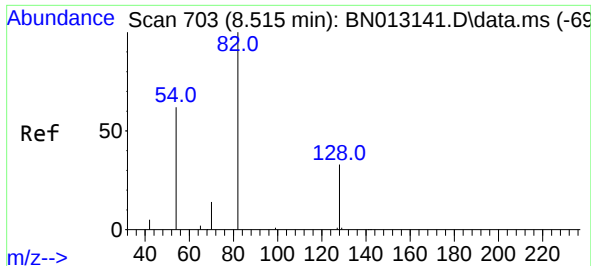
Tgt Ion: 99 Resp: 118
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 25.4 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

Tgt Ion: 136 Resp: 2170
Ion Ratio Lower Upper
136 100
137 16.8 10.6 15.8#
54 15.3 8.6 12.8#
68 11.4 5.7 8.5#

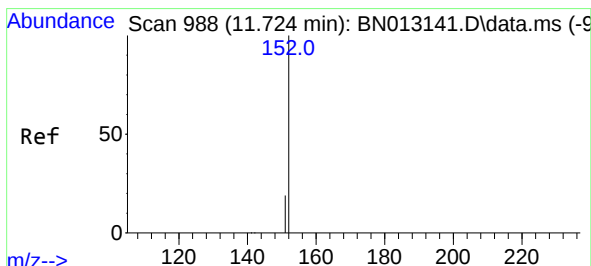
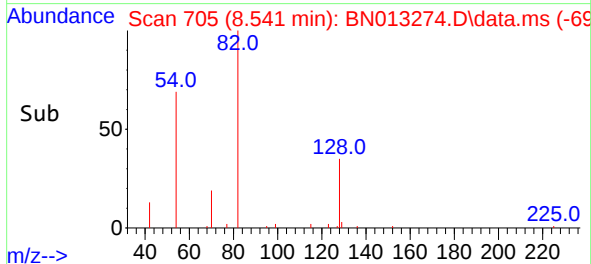
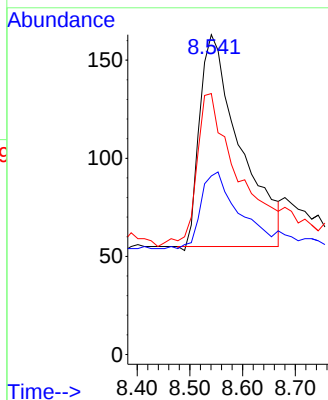
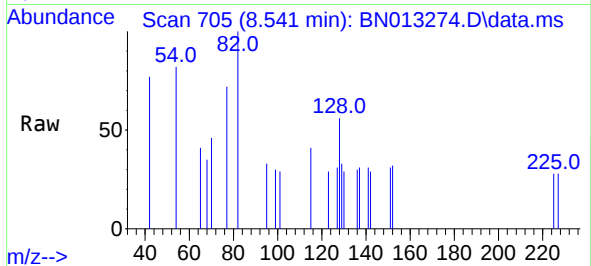




#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

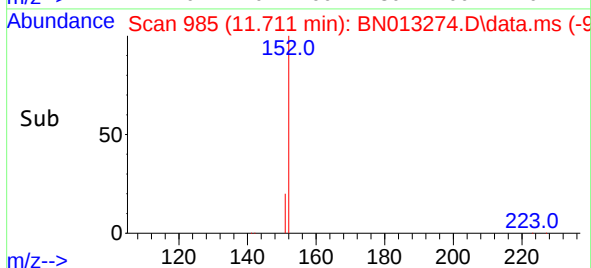
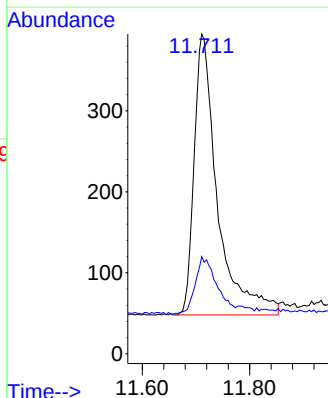
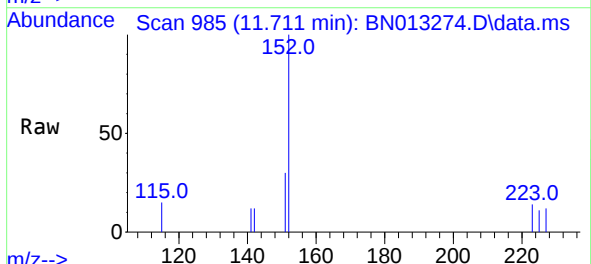
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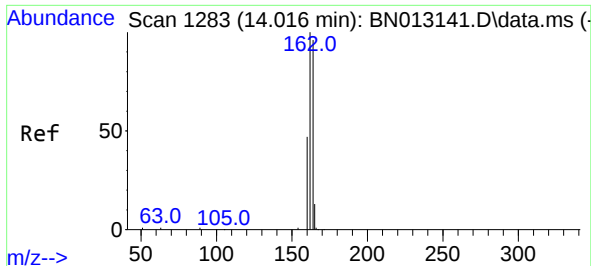
Tgt Ion: 82 Resp: 573
Ion Ratio Lower Upper
82 100
128 55.8 30.6 46.0#
54 81.6 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 11.711 min Scan# 985
Delta R.T. 0.005 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

Tgt Ion: 152 Resp: 1047
Ion Ratio Lower Upper
152 100
151 18.8 16.7 25.1

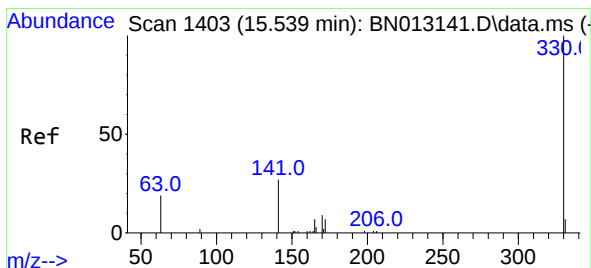
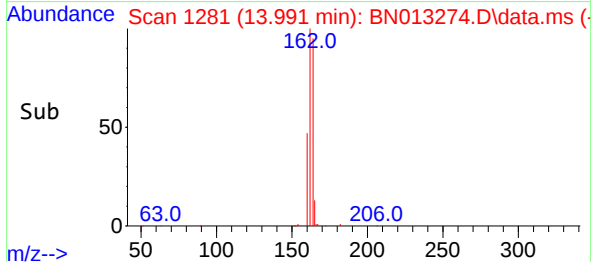
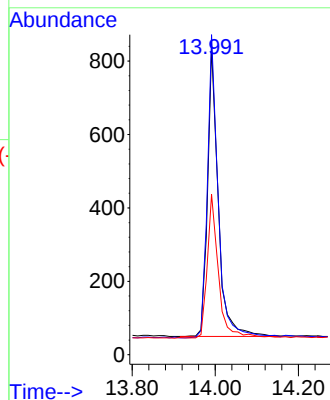
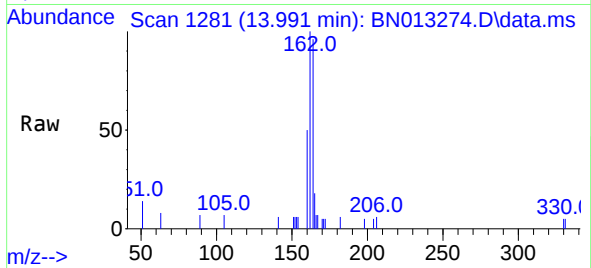




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

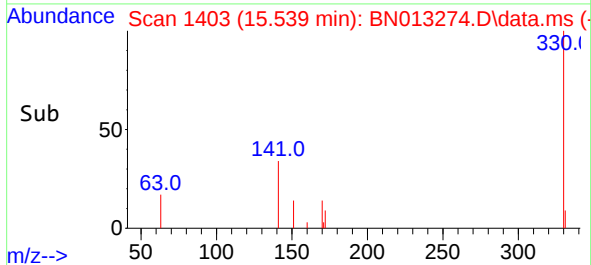
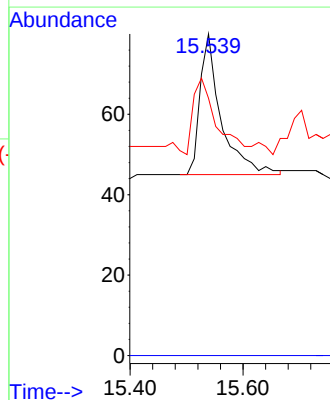
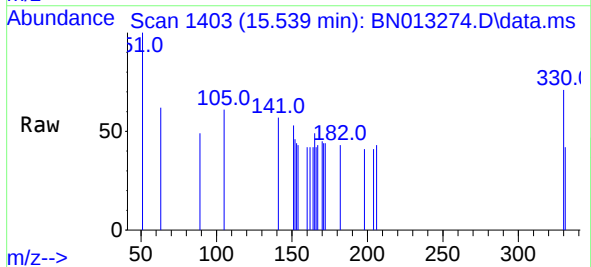
Instrument :
BNA_N
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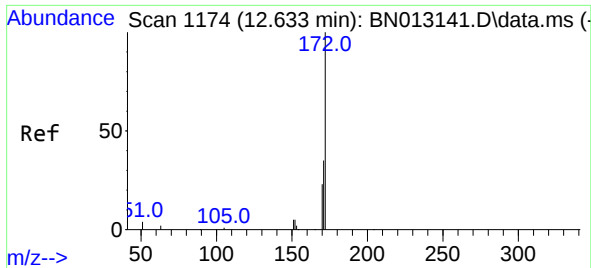
Tgt Ion:164 Resp: 1401
Ion Ratio Lower Upper
164 100
162 104.4 80.6 120.8
160 52.3 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.10 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

Tgt Ion:330 Resp: 91
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 64.8 34.4 51.6#

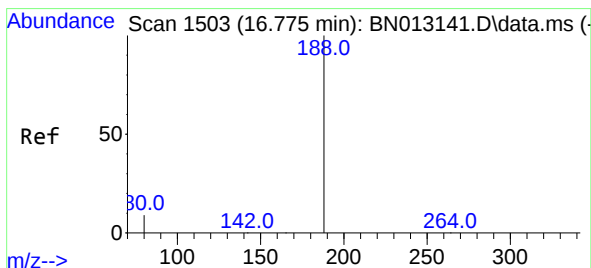
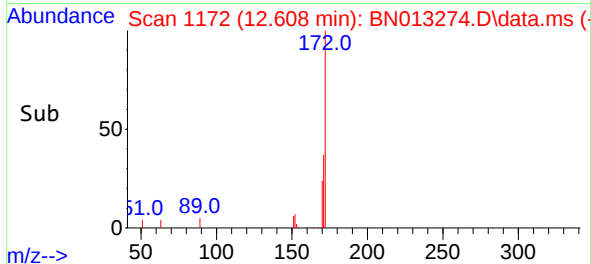
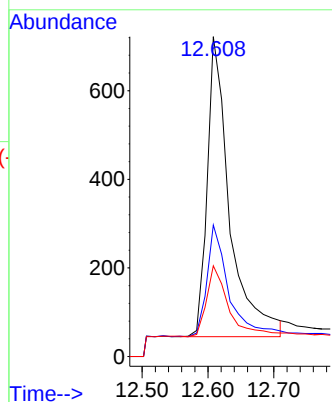
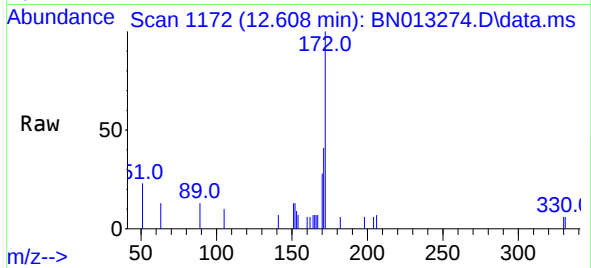




#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.608 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

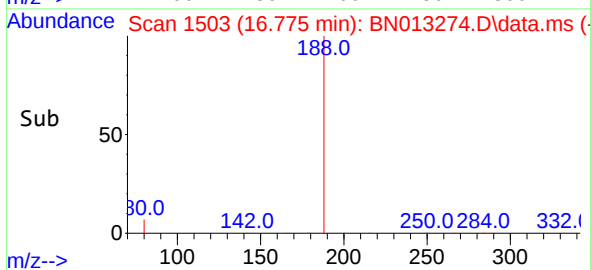
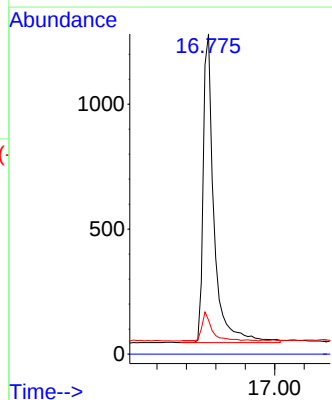
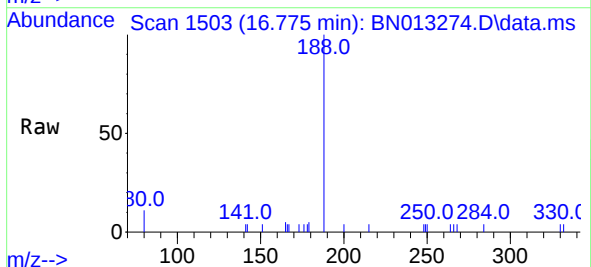
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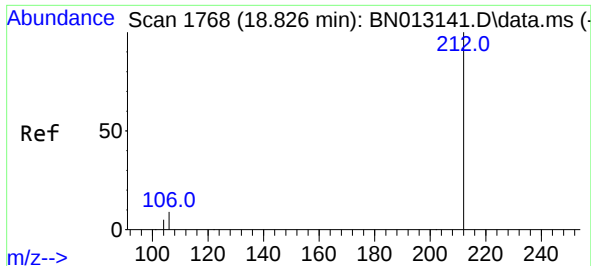
Tgt Ion:	172	Resp:	1602
Ion	Ratio	Lower	Upper
172	100		
171	41.1	28.2	42.4
170	28.4	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

Tgt Ion:	188	Resp:	3142
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	5.0	7.4

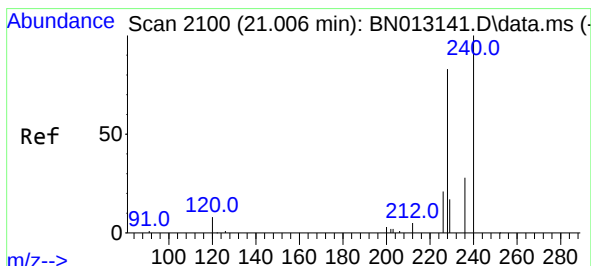
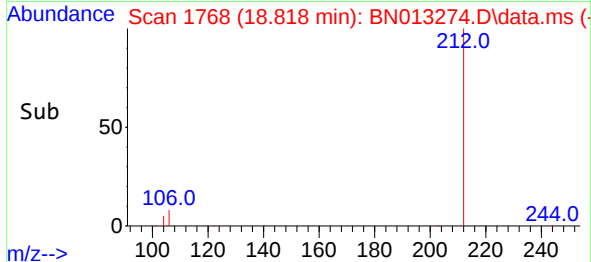
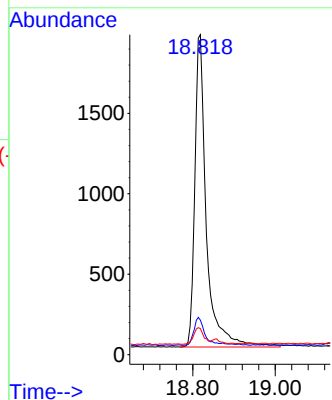
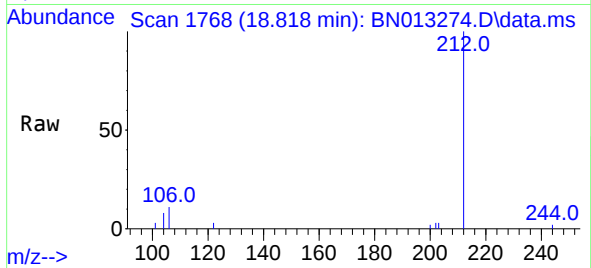




#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.818 min Scan# 1768
Delta R.T. 0.002 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

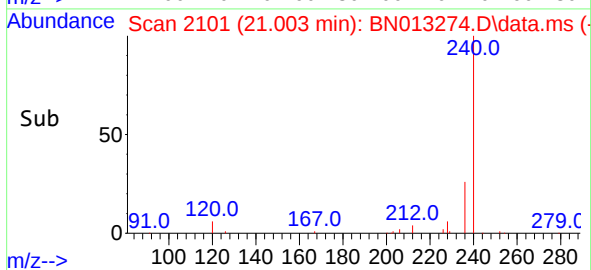
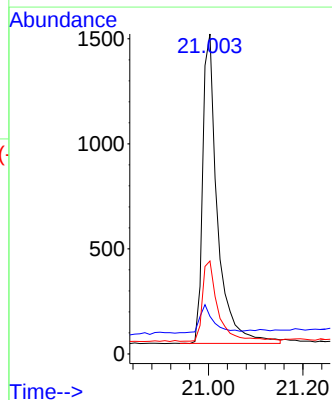
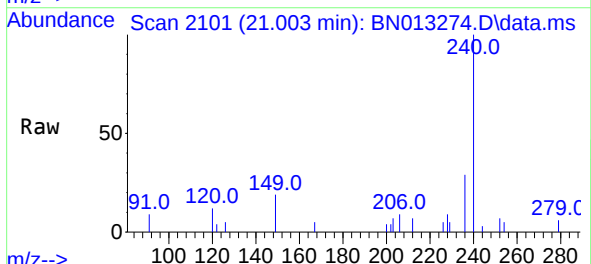
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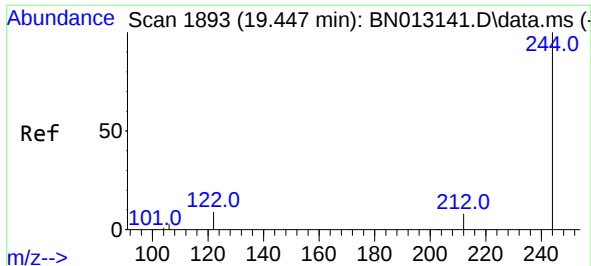
Tgt Ion:212 Resp: 3788
Ion Ratio Lower Upper
212 100
106 8.8 6.8 10.2
104 4.8 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. 0.008 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

Tgt Ion:240 Resp: 3205
Ion Ratio Lower Upper
240 100
120 11.8 5.3 7.9#
236 29.0 21.8 32.8

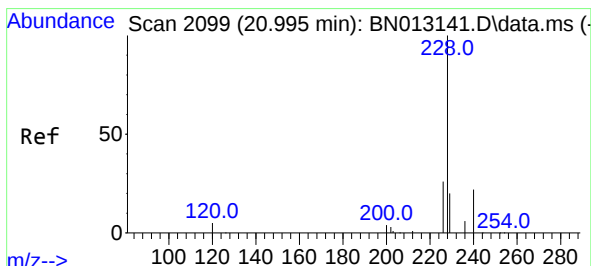
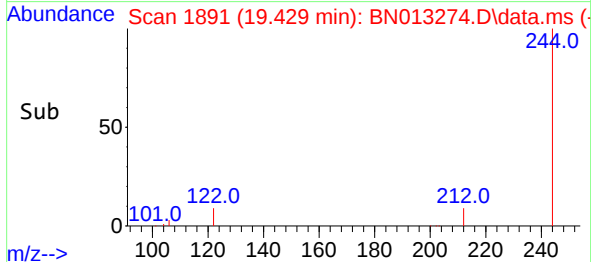
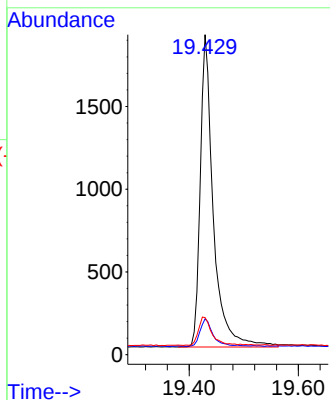
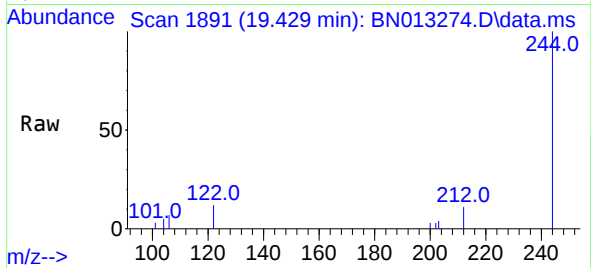




#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

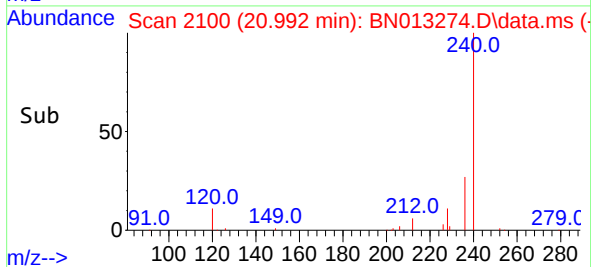
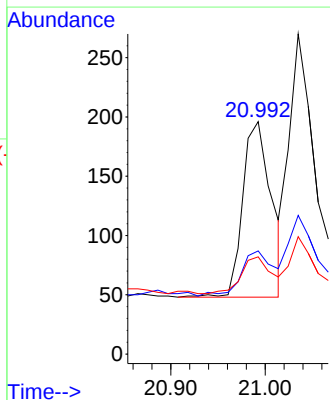
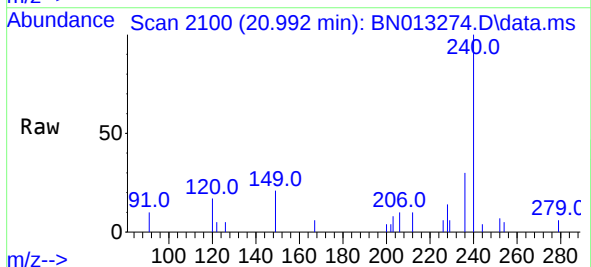
Instrument :
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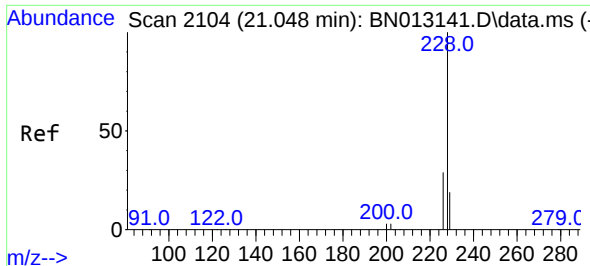
Tgt Ion:244 Resp: 3159
Ion Ratio Lower Upper
244 100
212 11.2 7.3 10.9#
122 11.6 7.3 10.9#



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.992 min Scan# 2100
Delta R.T. 0.008 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

Tgt Ion:228 Resp: 312
Ion Ratio Lower Upper
228 100
226 44.4 22.3 33.5#
229 41.8 15.7 23.5#

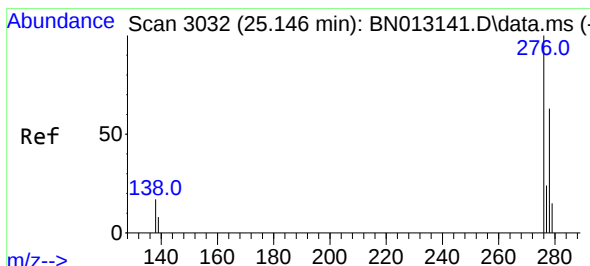
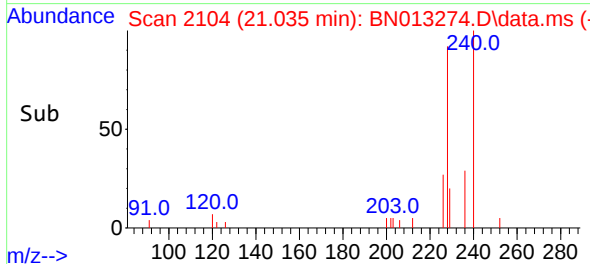
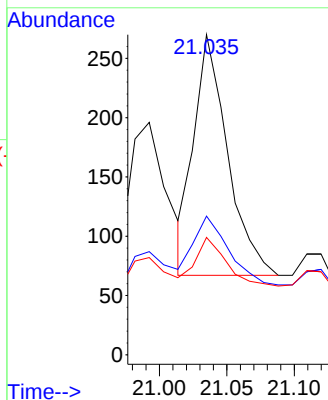
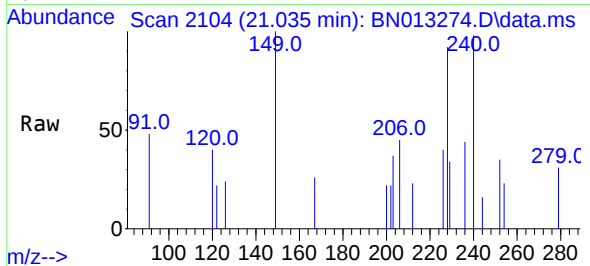




#33
Chrysene
Concen: 0.03 ng
RT: 21.035 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

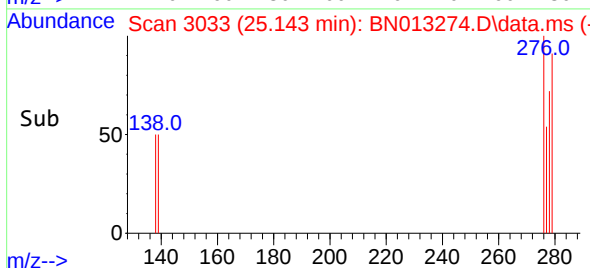
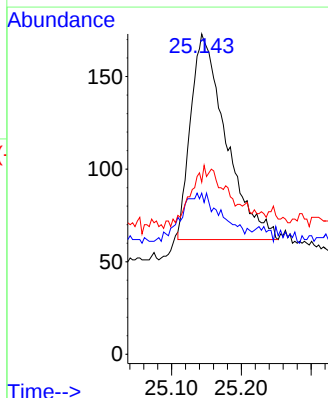
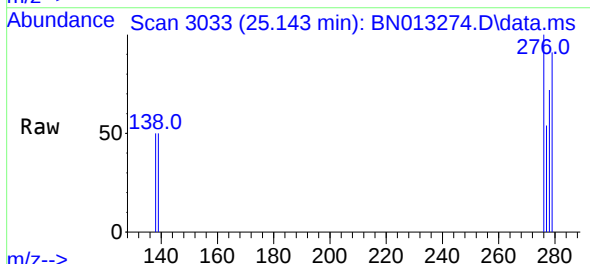
Instrument :
BNA_N
ClientSampleId :
FB-20201214

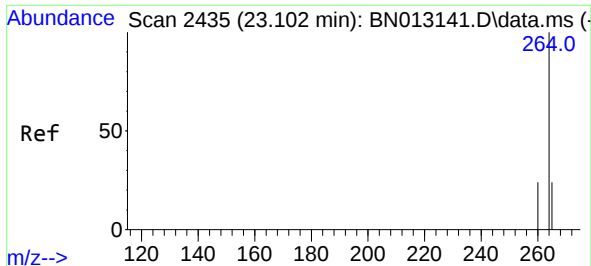
Tgt Ion:228 Resp: 352
Ion Ratio Lower Upper
228 100
226 43.3 24.2 36.2#
229 36.7 15.7 23.5#



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.143 min Scan# 3033
Delta R.T. 0.021 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

Tgt Ion:276 Resp: 388
Ion Ratio Lower Upper
276 100
138 0.0 13.3 19.9#
277 0.0 20.2 30.4#

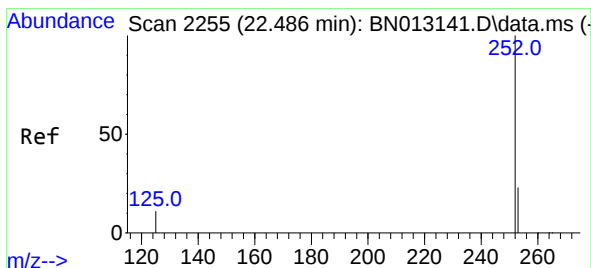
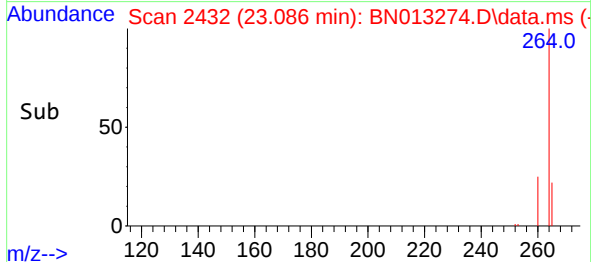
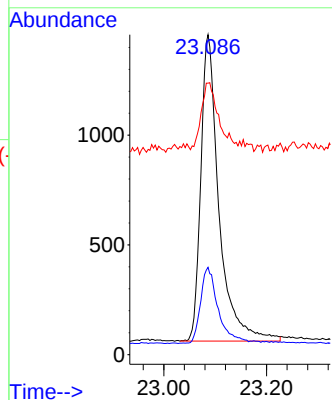
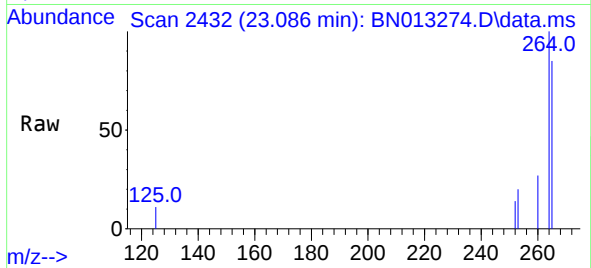




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.086 min Scan# 2432
Delta R.T. 0.001 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

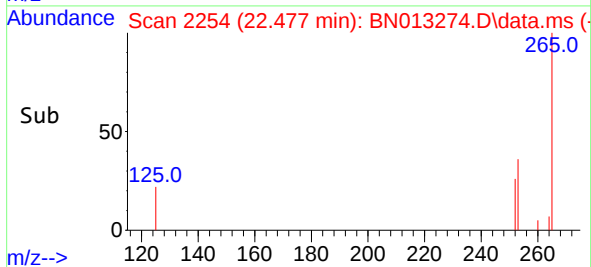
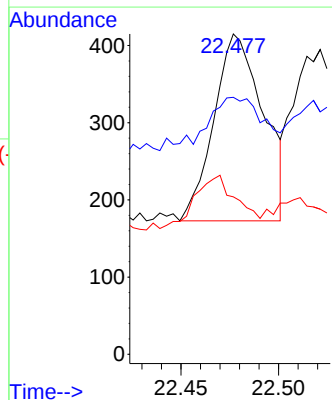
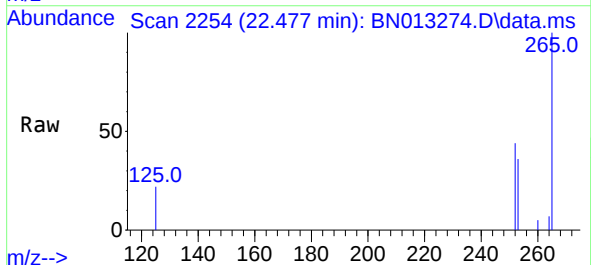
Instrument :
BNA_N
ClientSampleId :
FB-20201214

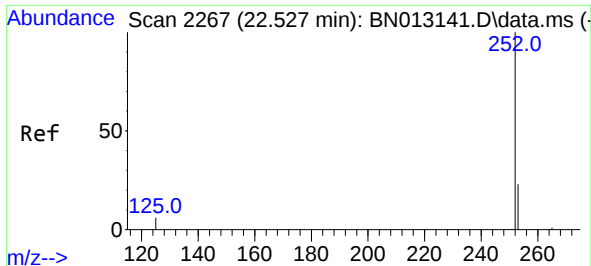
Tgt Ion:264 Resp: 3417
Ion Ratio Lower Upper
264 100
260 27.3 19.8 29.6
265 84.8 51.4 77.0#



#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.477 min Scan# 2254
Delta R.T. 0.004 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

Tgt Ion:252 Resp: 426
Ion Ratio Lower Upper
252 100
253 80.2 20.1 30.1#
125 49.2 7.2 10.8#

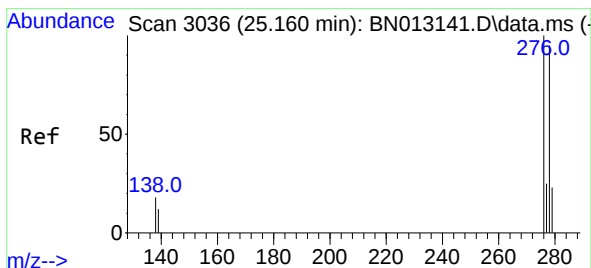
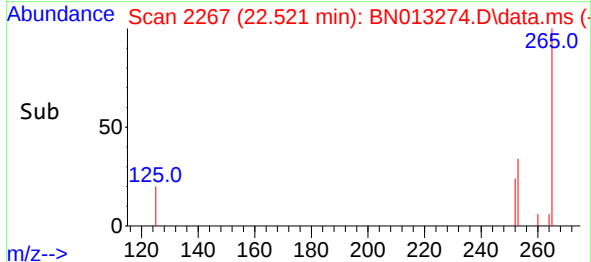
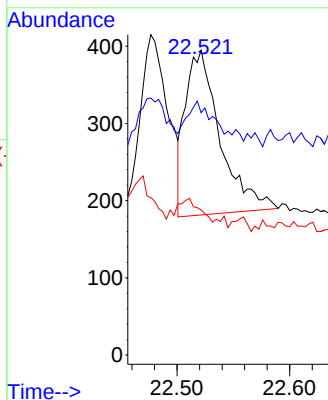
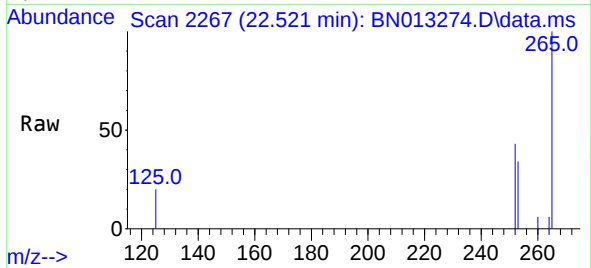




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.521 min Scan# 2267
Delta R.T. 0.008 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

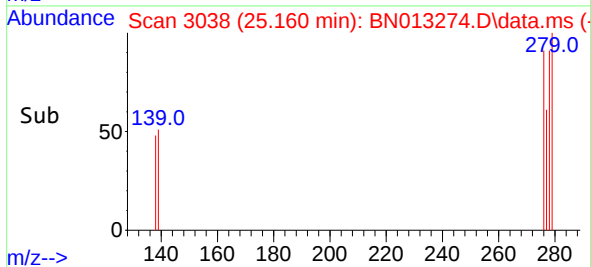
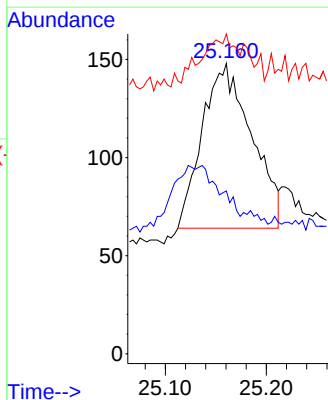
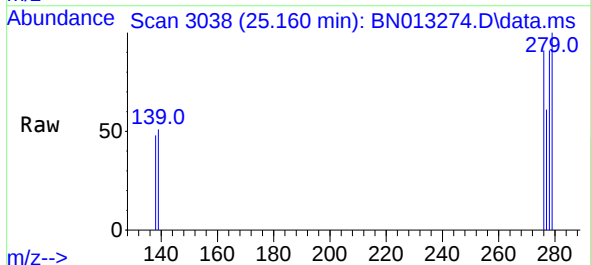
Instrument :
BNA_N
ClientSampleId :
FB-20201214

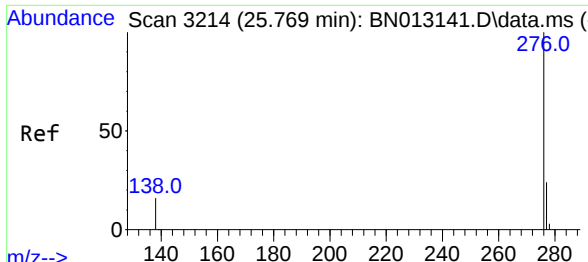
Tgt Ion:252 Resp: 456
Ion Ratio Lower Upper
252 100
253 79.5 19.8 29.8#
125 47.6 7.1 10.7#



#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.160 min Scan# 3038
Delta R.T. 0.028 min
Lab File: BN013274.D
Acq: 22 Dec 2020 15:48

Tgt Ion:278 Resp: 285
Ion Ratio Lower Upper
278 100
139 56.1 9.3 13.9#
279 110.1 21.6 32.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.04 ng
 RT: 25.763 min Scan# 3214
 Delta R.T. 0.021 min
 Lab File: BN013274.D
 Acq: 22 Dec 2020 15:48

Instrument :
 BNA_N
 ClientSampleId :
 FB-20201214

Tgt Ion:	276	Resp:	571
Ion	Ratio	Lower	Upper
276	100		
277	53.0	19.8	29.8#
138	42.5	11.7	17.5#

