

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013270.D
 Acq On : 22 Dec 2020 13:23
 Operator : CG/JU
 Sample : L5124-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20201211

Quant Time: Dec 22 14:23:35 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)

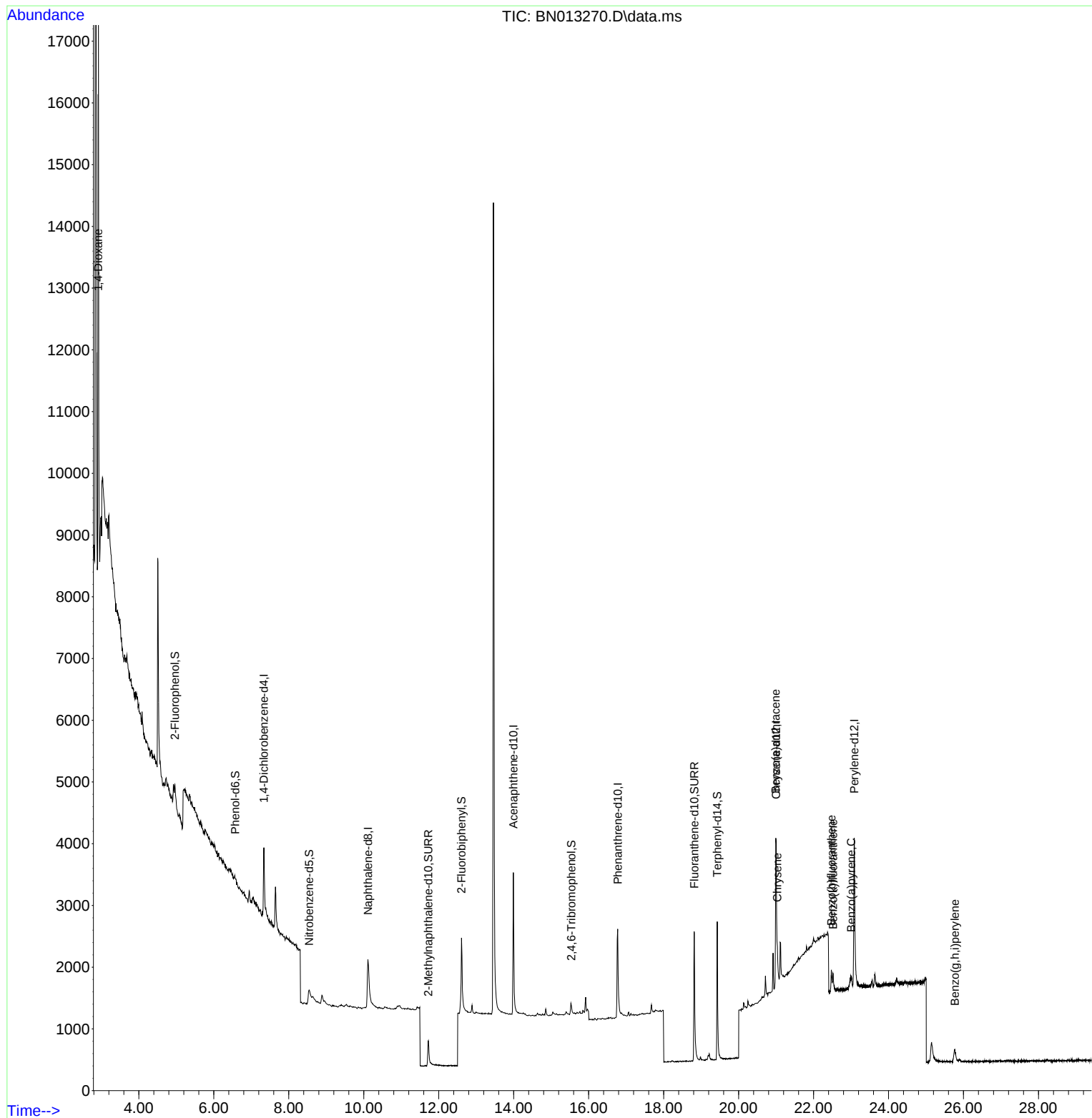
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	693	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2225	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1421	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3220	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	3403	0.40	ng	# 0.00
36) Perylene-d12	23.086	264	3824	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	277	0.10	ng	0.00
5) Phenol-d6	6.573	99	163	0.06	ng	0.03
8) Nitrobenzene-d5	8.541	82	576	0.25	ng	0.04
11) 2-Methylnaphthalene-d10	11.724	152	915	0.23	ng	0.02
14) 2,4,6-Tribromophenol	15.539	330	212	0.24	ng	0.01
15) 2-Fluorobiphenyl	12.608	172	1482	0.25	ng	0.00
27) Fluoranthene-d10	18.818	212	3482	0.33	ng	0.00
31) Terphenyl-d14	19.429	244	2989	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.917	88	8637	7.15	ng	# 95
32) Benzo(a)anthracene	20.992	228	320	0.03	ng	# 62
33) Chrysene	21.035	228	336	0.03	ng	# 68
37) Benzo(b)fluoranthene	22.477	252	415	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.521	252	458	0.03	ng	# 1
39) Benzo(a)pyrene	23.004	252	339	0.03	ng	# 1
41) Benzo(g,h,i)perylene	25.770	276	541	0.03	ng	# 37

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

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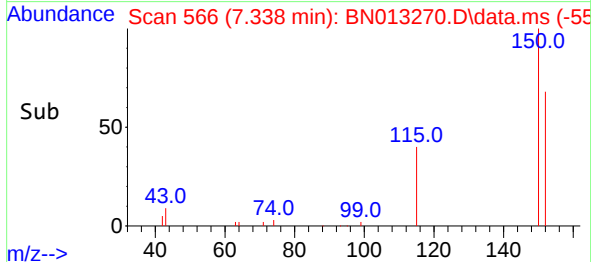
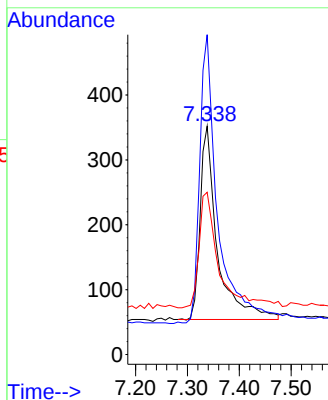
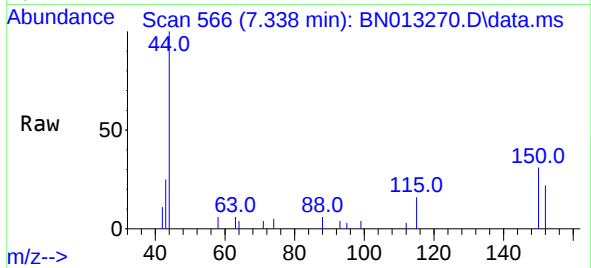




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

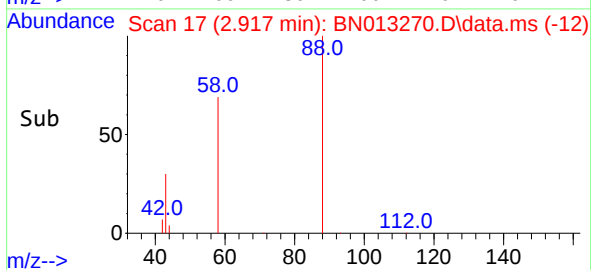
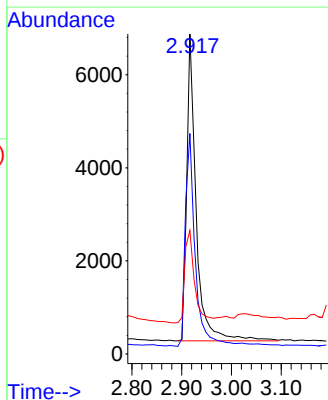
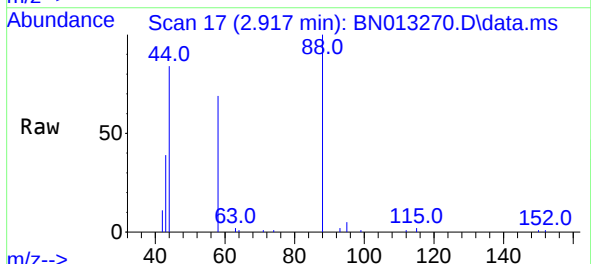
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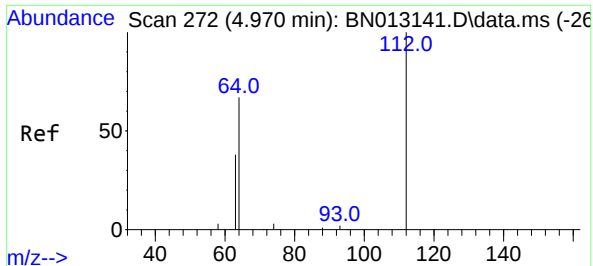
Tgt Ion:152 Resp: 693
Ion Ratio Lower Upper
152 100
150 140.1 116.6 174.8
115 71.0 52.9 79.3



#2
1,4-Dioxane
Concen: 7.15 ng
RT: 2.917 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion: 88 Resp: 8637
Ion Ratio Lower Upper
88 100
58 74.2 59.4 89.2
43 31.0 32.3 48.5#

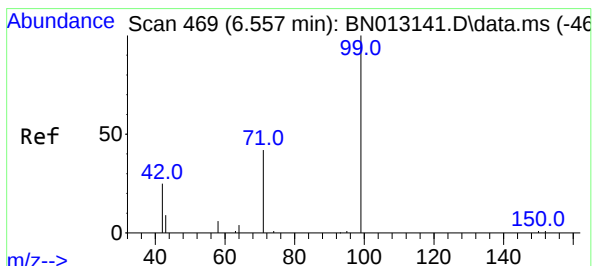
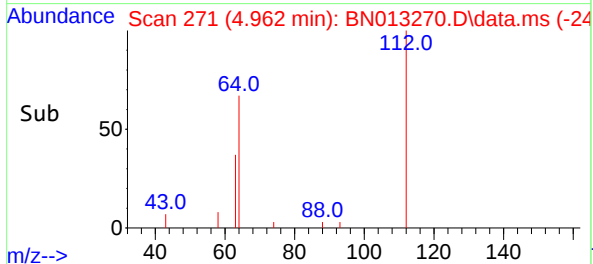
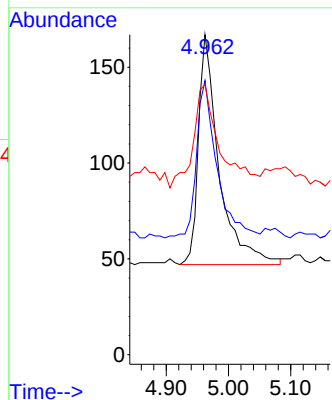
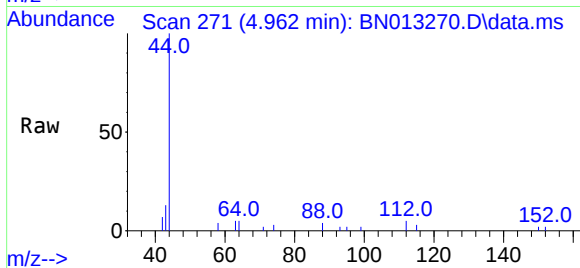




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

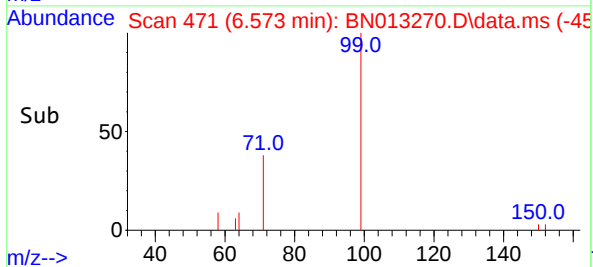
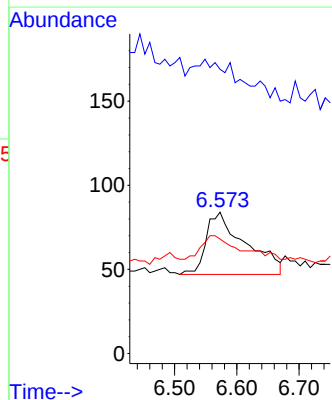
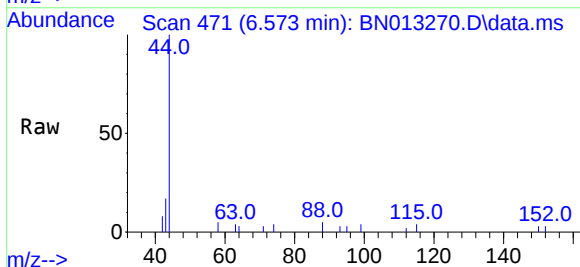
Instrument :
BNA_N
ClientSampleId :
RE131D2-20201211

Tgt Ion:112 Resp: 277
Ion Ratio Lower Upper
112 100
64 67.5 49.5 74.3
63 58.5 32.0 48.0#



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.032 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion: 99 Resp: 163
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 0.0 37.8 56.6#

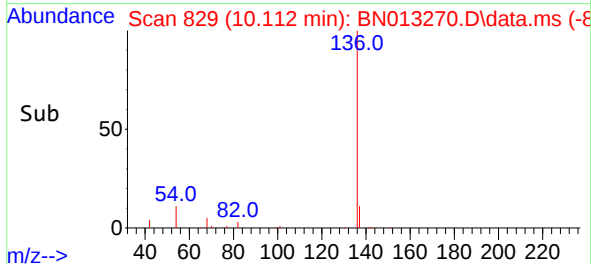
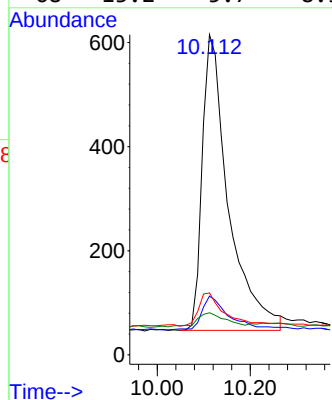
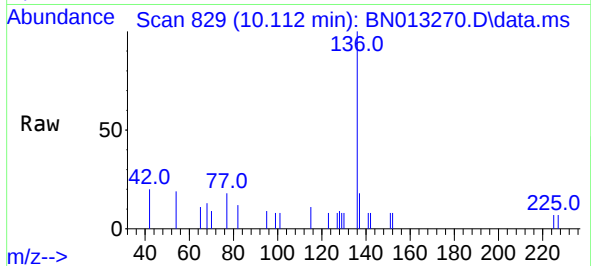




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

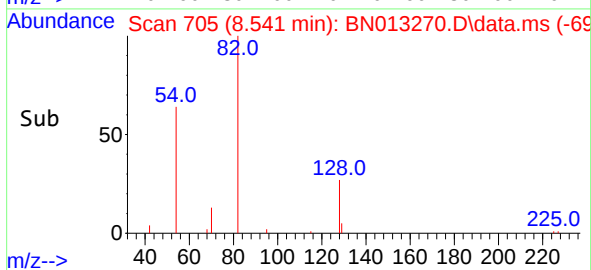
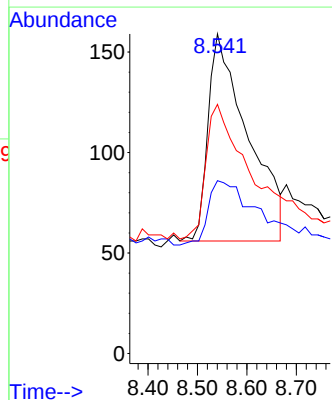
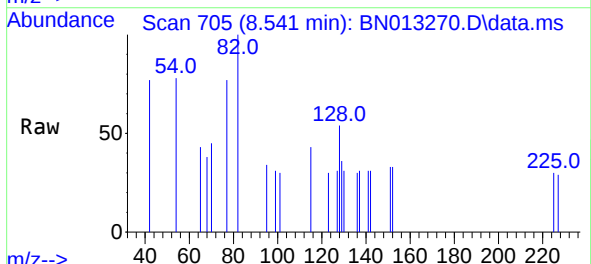
Instrument :
BNA_N
ClientSampleId :
RE131D2-20201211

Tgt Ion:	136	Resp:	2225
Ion	Ratio	Lower	Upper
136	100		
137	18.4	10.6	15.8#
54	19.3	8.6	12.8#
68	13.2	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion:	82	Resp:	576
Ion	Ratio	Lower	Upper
82	100		
128	54.1	30.6	46.0#
54	78.0	48.3	72.5#

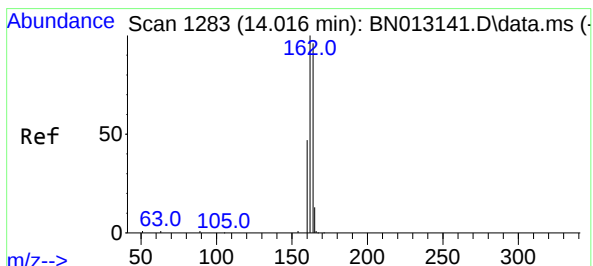
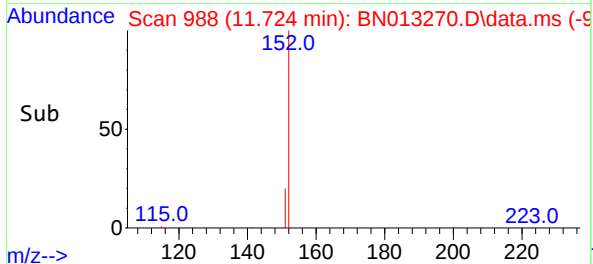
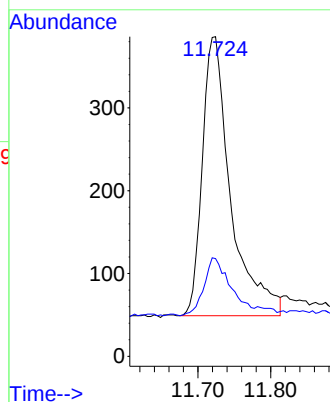
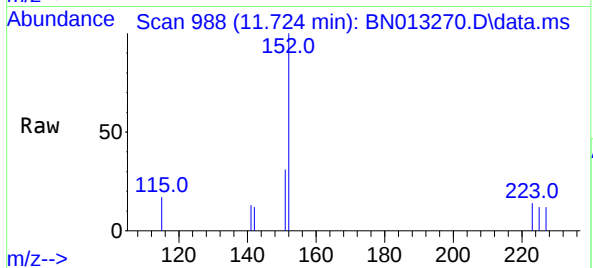




#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.724 min Scan# 988
Delta R.T. 0.018 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

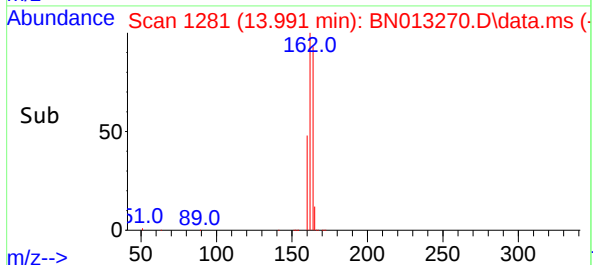
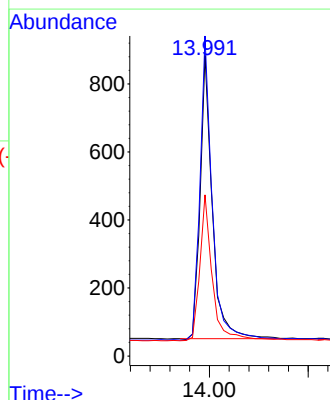
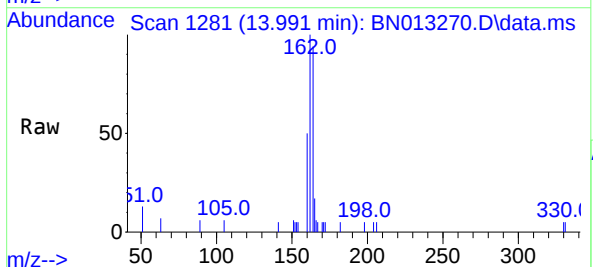
Instrument :
BNA_N
ClientSampleId :
RE131D2-20201211

Tgt Ion:152 Resp: 915
Ion Ratio Lower Upper
152 100
151 19.6 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: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion:164 Resp: 1421
Ion Ratio Lower Upper
164 100
162 106.4 80.6 120.8
160 53.6 39.5 59.3

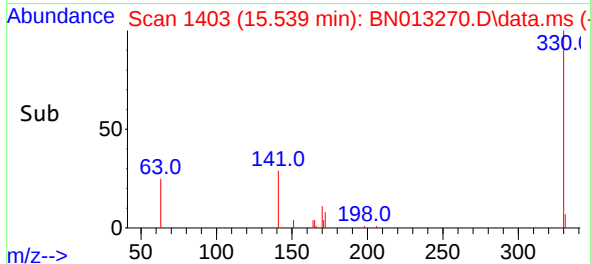
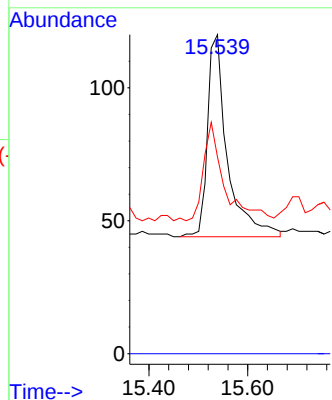
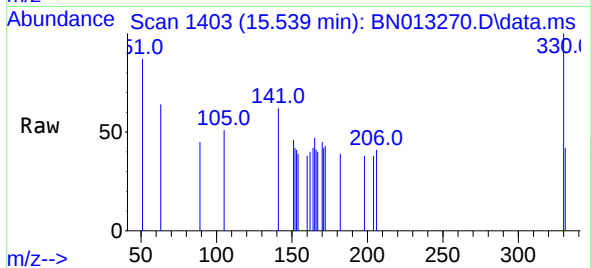




#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

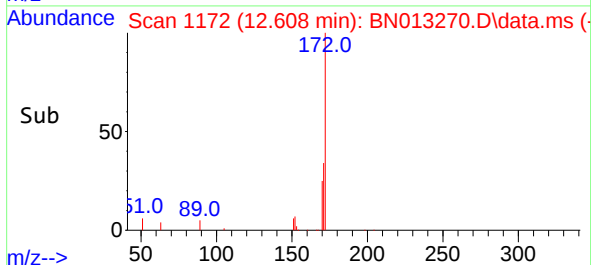
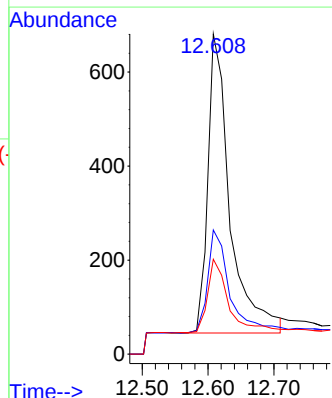
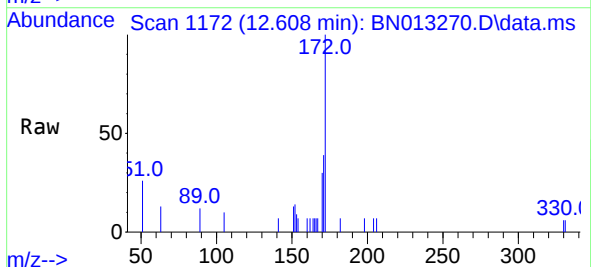
Instrument :
BNA_N
ClientSampleId :
RE131D2-20201211

Tgt Ion:330 Resp: 212
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.5 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.608 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion:172 Resp: 1482
Ion Ratio Lower Upper
172 100
171 38.8 28.2 42.4
170 29.7 20.0 30.0

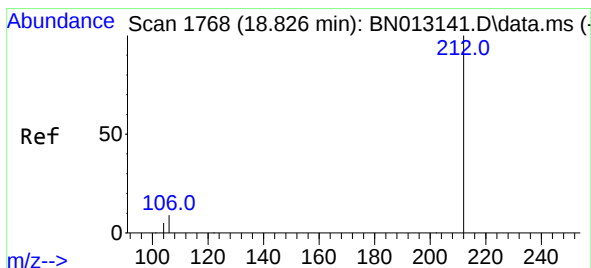
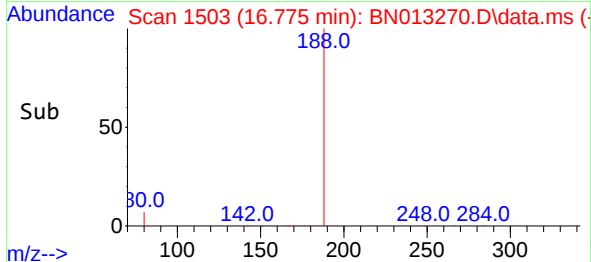
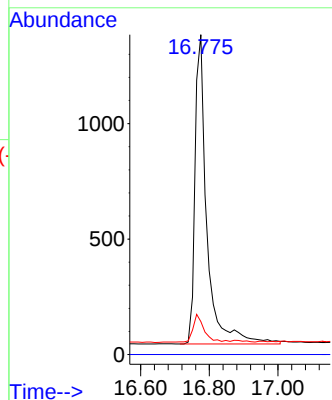
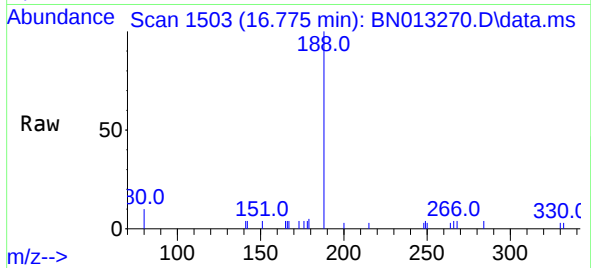




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

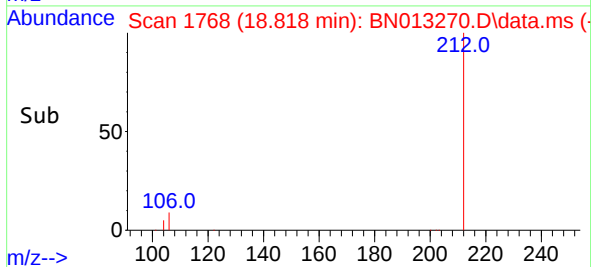
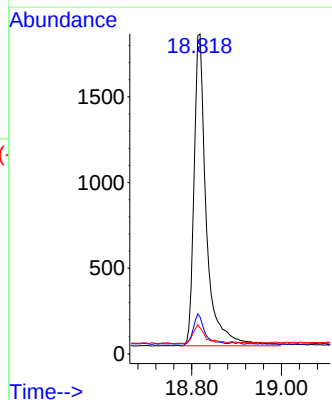
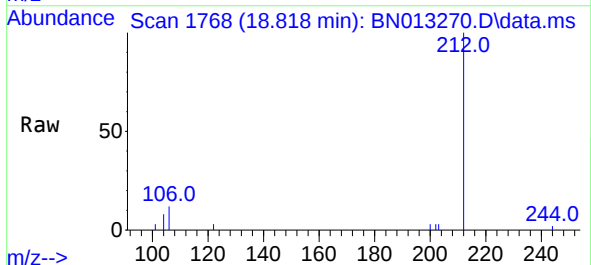
Instrument :
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Tgt Ion:188 Resp: 3220
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 5.0 7.4#



#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.818 min Scan# 1768
Delta R.T. 0.002 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion:212 Resp: 3482
Ion Ratio Lower Upper
212 100
106 8.7 6.8 10.2
104 5.8 4.1 6.1

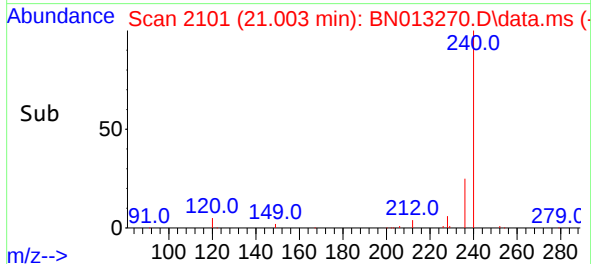
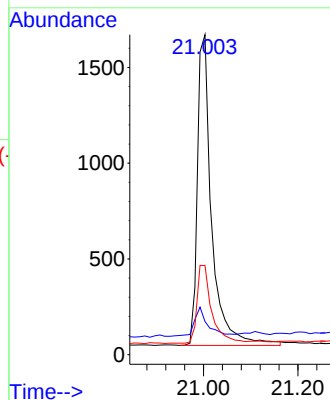
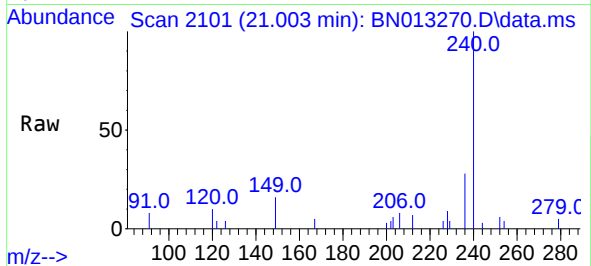




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. 0.008 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

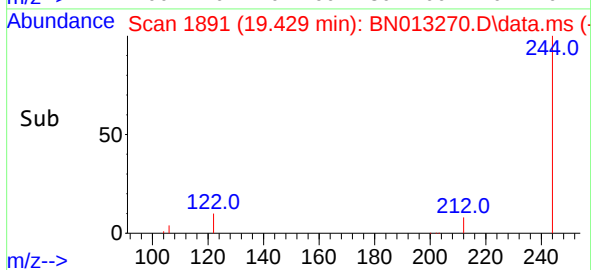
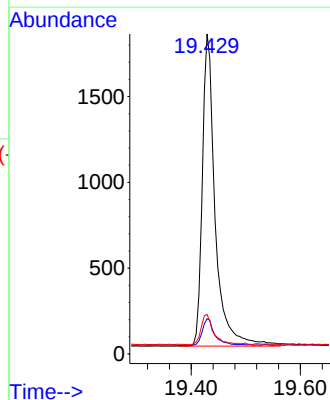
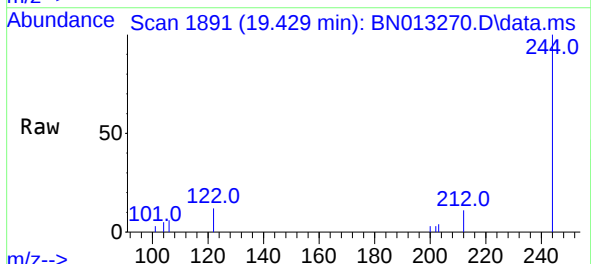
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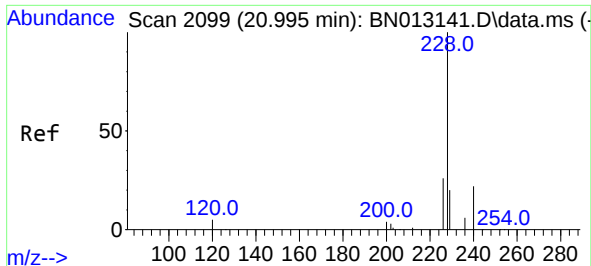
Tgt Ion:240 Resp: 3403
Ion Ratio Lower Upper
240 100
120 10.4 5.3 7.9#
236 27.9 21.8 32.8



#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion:244 Resp: 2989
Ion Ratio Lower Upper
244 100
212 11.0 7.3 10.9#
122 12.3 7.3 10.9#

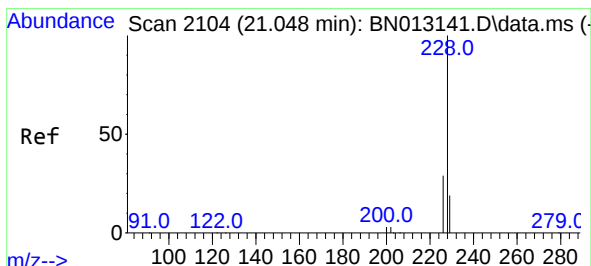
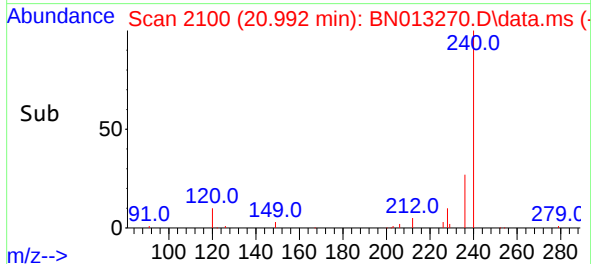
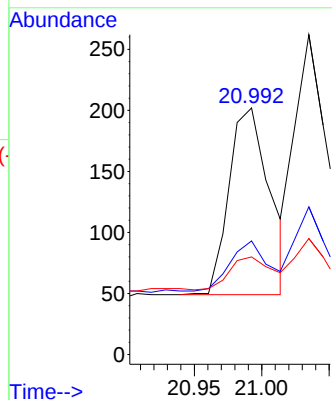
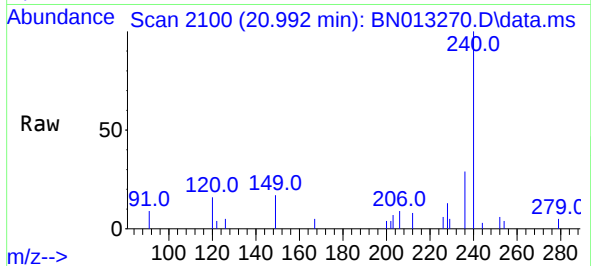




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.992 min Scan# 2100
Delta R.T. 0.008 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

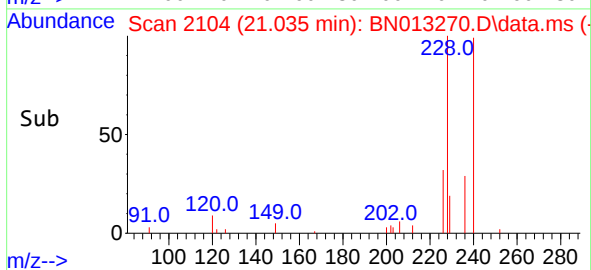
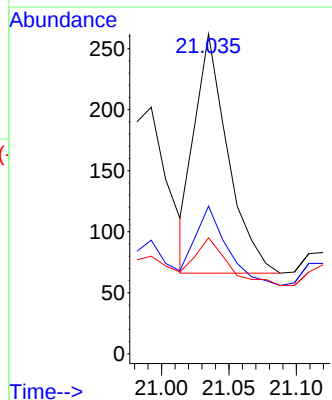
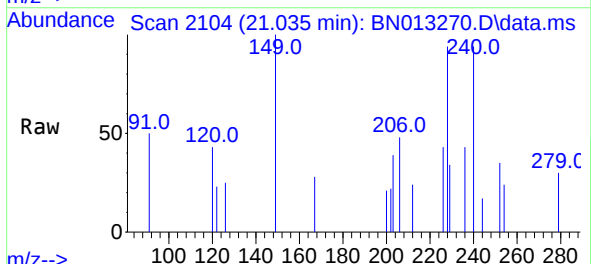
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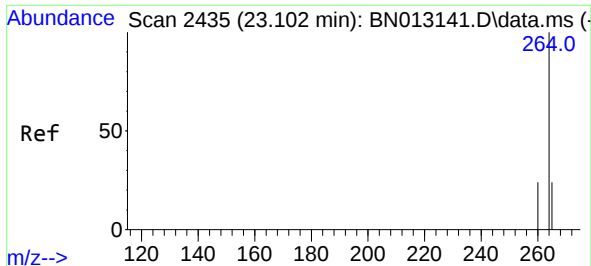
Tgt Ion:228 Resp: 320
Ion Ratio Lower Upper
228 100
226 46.0 22.3 33.5#
229 39.6 15.7 23.5#



#33
Chrysene
Concen: 0.03 ng
RT: 21.035 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion:228 Resp: 336
Ion Ratio Lower Upper
228 100
226 46.2 24.2 36.2#
229 36.3 15.7 23.5#



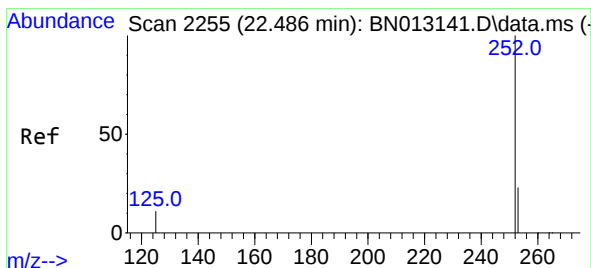
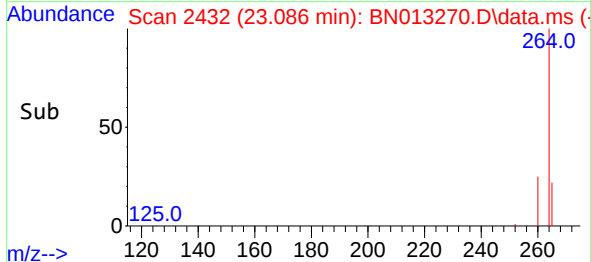
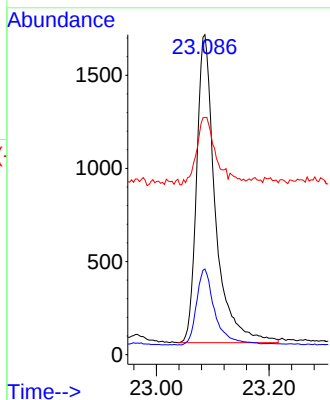
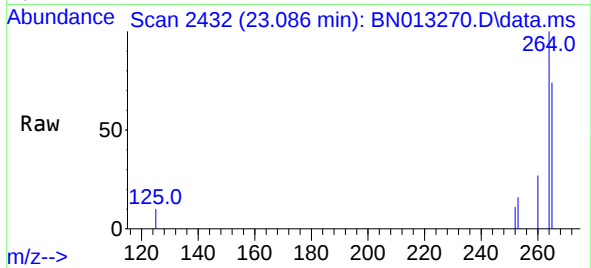


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.086 min Scan# 2432
 Delta R.T. 0.001 min
 Lab File: BN013270.D
 Acq: 22 Dec 2020 13:23

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20201211

Tgt Ion:264 Resp: 3824

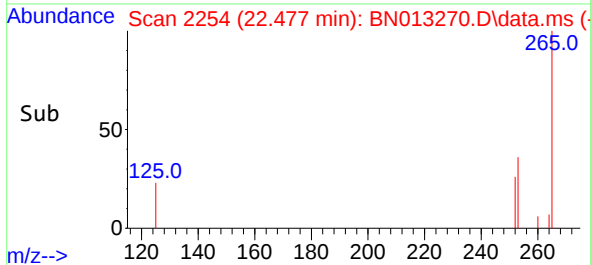
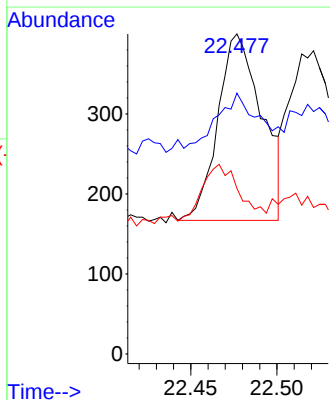
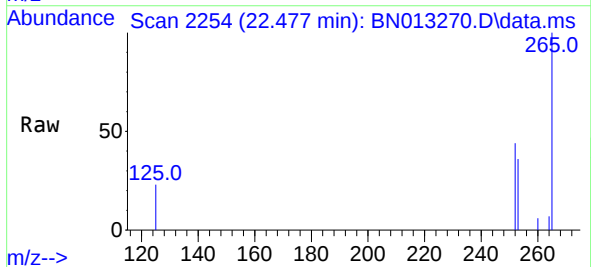
Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.8	29.6
265	74.1	51.4	77.0

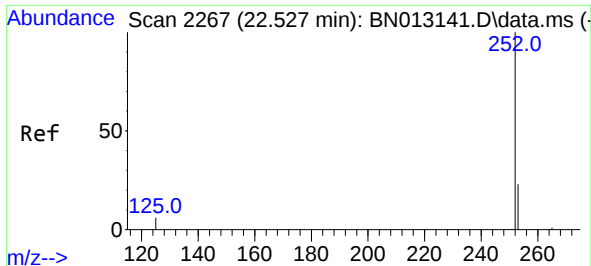


#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.477 min Scan# 2254
 Delta R.T. 0.004 min
 Lab File: BN013270.D
 Acq: 22 Dec 2020 13:23

Tgt Ion:252 Resp: 415

Ion	Ratio	Lower	Upper
252	100		
253	81.5	20.1	30.1#
125	51.8	7.2	10.8#

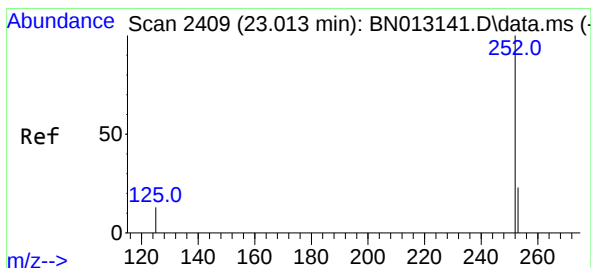
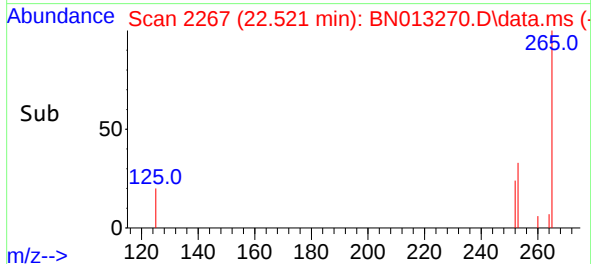
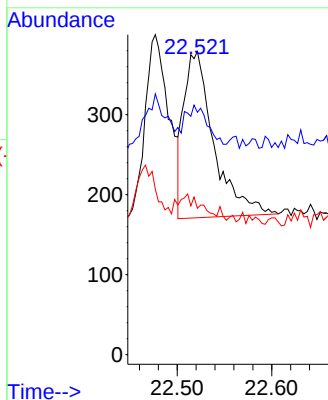
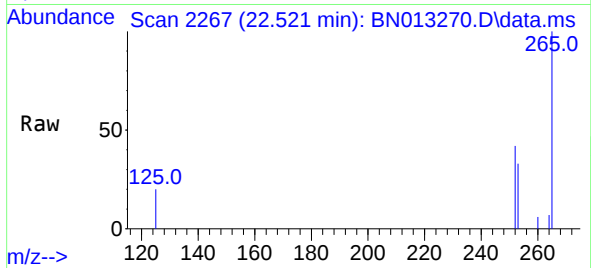




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.521 min Scan# 2267
Delta R.T. 0.008 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

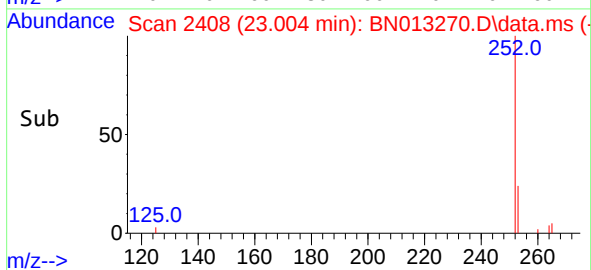
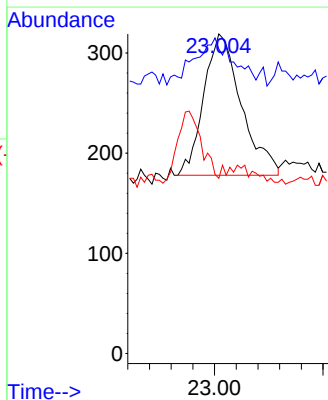
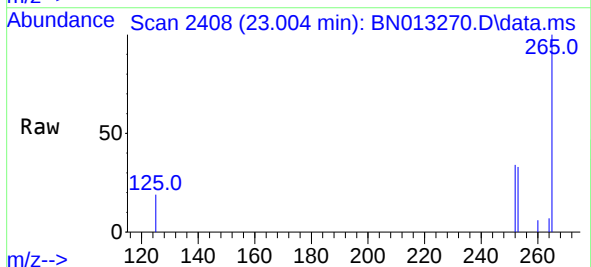
Instrument :
BNA_N
ClientSampleId :
RE131D2-20201211

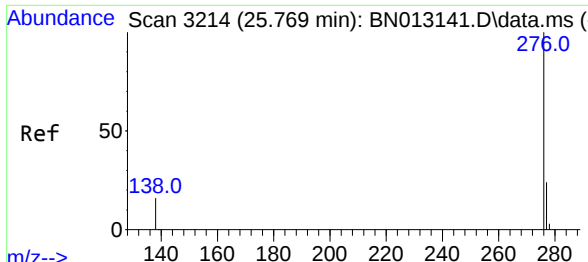
Tgt Ion:252 Resp: 458
Ion Ratio Lower Upper
252 100
253 79.9 19.8 29.8#
125 48.3 7.1 10.7#



#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.004 min Scan# 2408
Delta R.T. 0.004 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

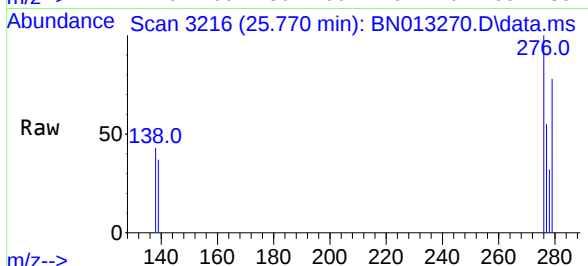
Tgt Ion:252 Resp: 339
Ion Ratio Lower Upper
252 100
253 95.3 21.3 31.9#
125 54.9 8.3 12.5#





#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 25.770 min Scan# 3216
Delta R.T. 0.028 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Instrument :
BNA_N
ClientSampleId :
RE131D2-20201211



Tgt Ion:276 Resp: 541
Ion Ratio Lower Upper
276 100
277 54.7 19.8 29.8#
138 42.6 11.7 17.5#

