

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013269.D
 Acq On : 22 Dec 2020 12:47
 Operator : CG/JU
 Sample : L5124-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20201211

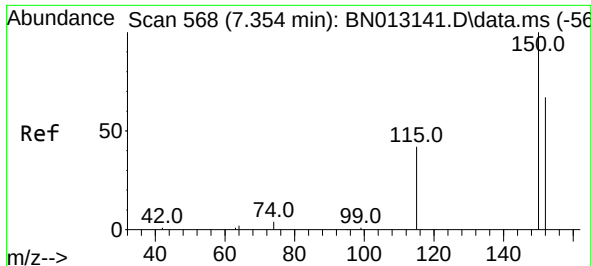
Quant Time: Dec 22 14:23:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.338	152	545	0.40 ng	0.00
7) Naphthalene-d8	10.112	136	1962	0.40 ng	# 0.01
13) Acenaphthene-d10	13.991	164	1341	0.40 ng	0.00
19) Phenanthrene-d10	16.775	188	2900	0.40 ng	# 0.01
29) Chrysene-d12	21.003	240	3360	0.40 ng	# 0.00
36) Perylene-d12	23.083	264	3853	0.40 ng	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	4.962	112	243	0.11 ng	0.00
5) Phenol-d6	6.573	99	120	0.05 ng	0.03
8) Nitrobenzene-d5	8.541	82	551	0.27 ng	0.04
11) 2-Methylnaphthalene-d10	11.724	152	1030	0.30 ng	0.02
14) 2,4,6-Tribromophenol	15.526	330	234	0.28 ng	0.00
15) 2-Fluorobiphenyl	12.621	172	1576	0.28 ng	0.01
27) Fluoranthene-d10	18.813	212	3779	0.40 ng	0.00
31) Terphenyl-d14	19.429	244	3244	0.38 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.925	88	1912	2.01 ng	98
3) n-Nitrosodimethylamine	3.190	42	287	0.18 ng	# 12
20) 4,6-Dinitro-2-methylph...	15.247	198	1	0.19 ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	170	0.30 ng	# 69
23) Atrazine	16.021	200	240	0.14 ng	# 1
32) Benzo(a)anthracene	20.992	228	354	0.03 ng	# 62
33) Chrysene	21.035	228	382	0.03 ng	# 72
34) Bis(2-ethylhexyl)phtha...	20.918	149	724	Below Cal	98
35) Indeno(1,2,3-cd)pyrene	25.140	276	484	0.03 ng	# 54
37) Benzo(b)fluoranthene	22.477	252	472	0.03 ng	# 1
38) Benzo(k)fluoranthene	22.514	252	498	0.03 ng	# 1
39) Benzo(a)pyrene	23.000	252	449	0.03 ng	# 1
40) Dibenzo(a,h)anthracene	25.150	278	353	0.02 ng	# 1
41) Benzo(g,h,i)perylene	25.763	276	594	0.04 ng	# 39

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

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QLast Update : Tue Dec 22 10:46:43 2020
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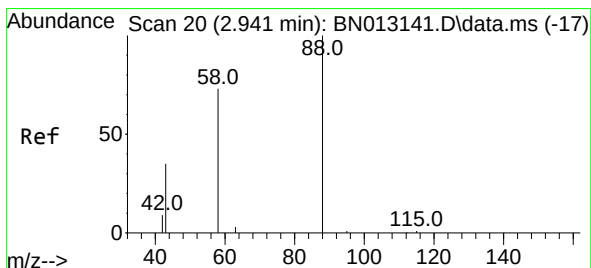
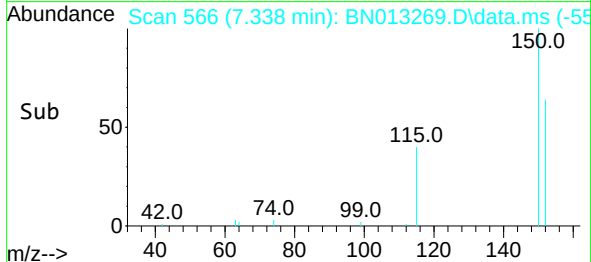
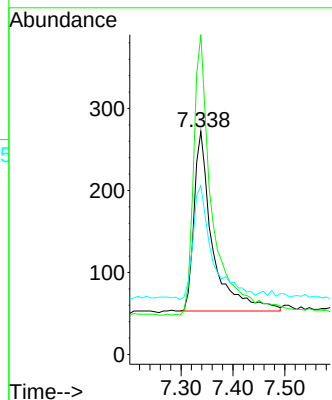
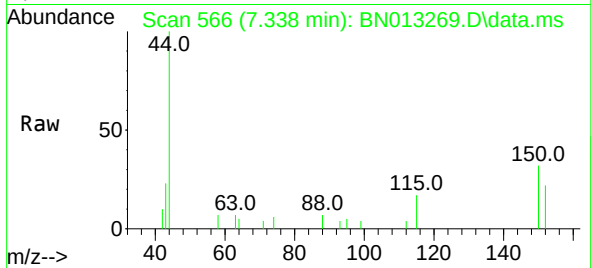




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013269.D
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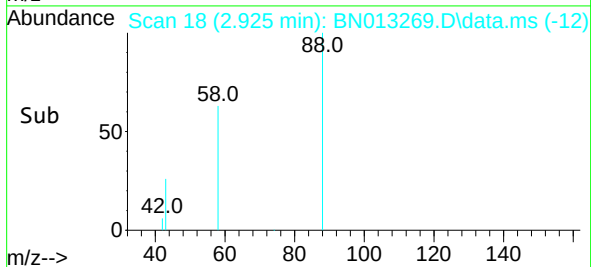
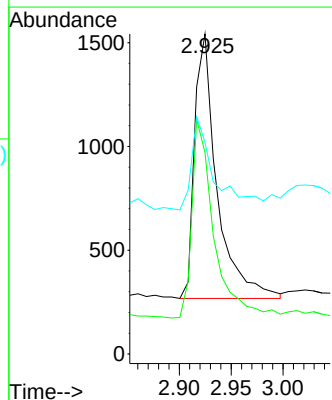
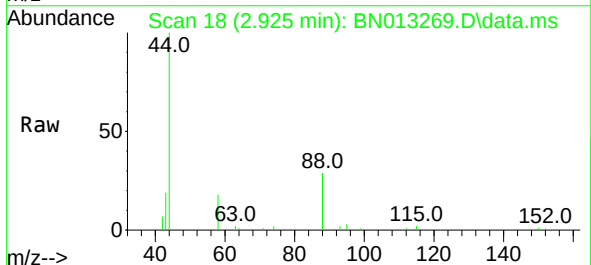
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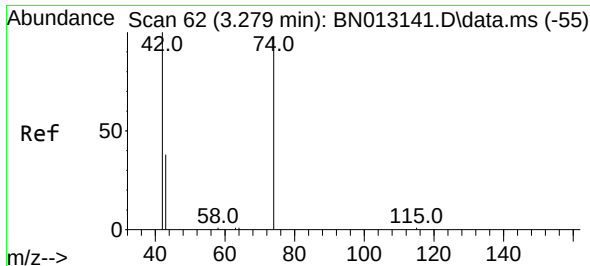
Tgt Ion: 152 Resp: 545
Ion Ratio Lower Upper
152 100
150 143.4 116.6 174.8
115 75.7 52.9 79.3



#2
1,4-Dioxane
Concen: 2.01 ng
RT: 2.925 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion: 88 Resp: 1912
Ion Ratio Lower Upper
88 100
58 74.1 59.4 89.2
43 36.7 32.3 48.5

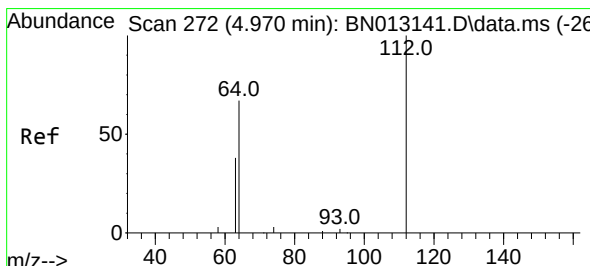
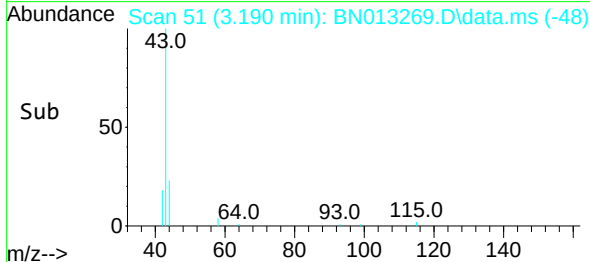
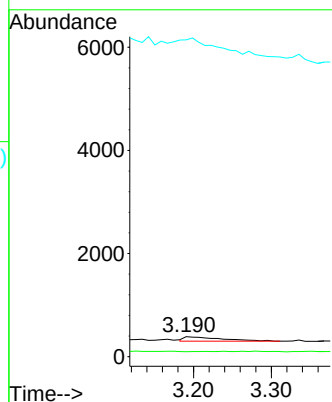
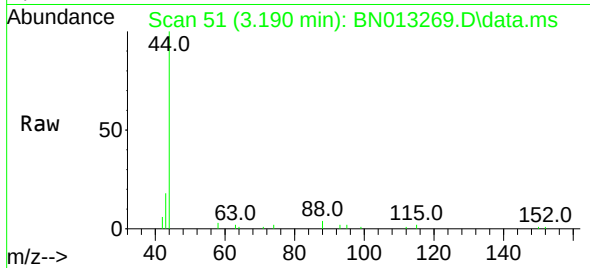




#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.190 min Scan# 51
Delta R.T. -0.072 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

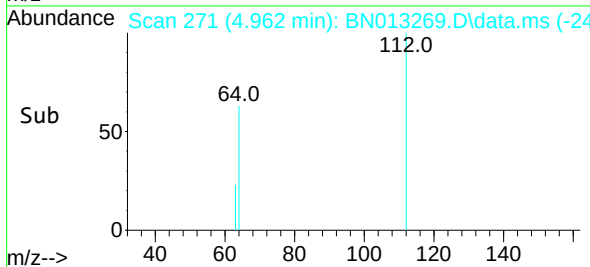
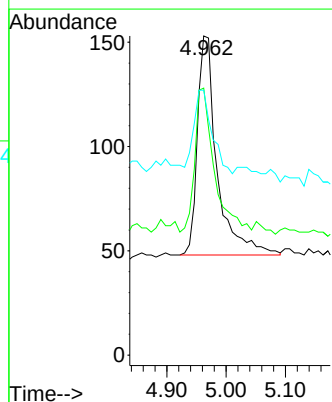
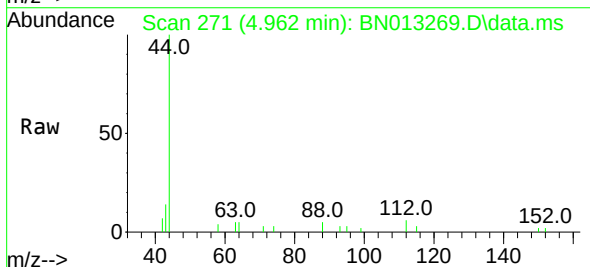
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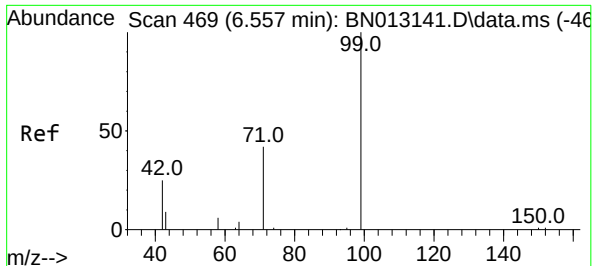
Tgt Ion: 42 Resp: 287
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion: 112 Resp: 243
Ion Ratio Lower Upper
112 100
64 64.2 49.5 74.3
63 35.4 32.0 48.0



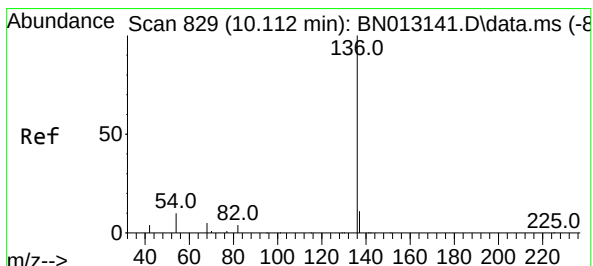
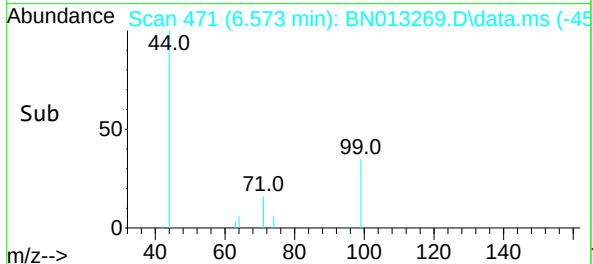
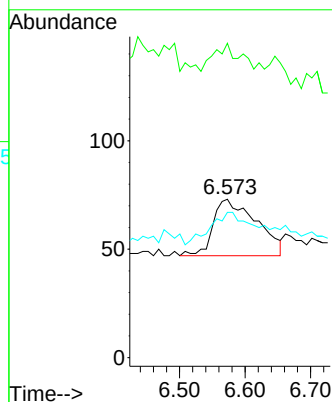
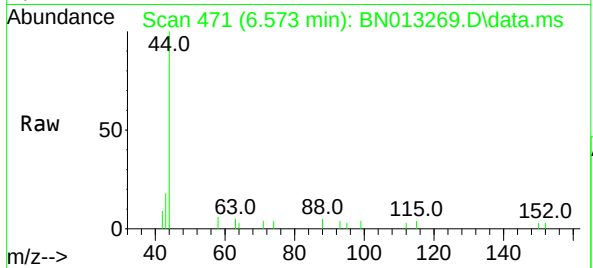


#5
Phenol-d6
Concen: 0.05 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.032 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 99 Resp: 120

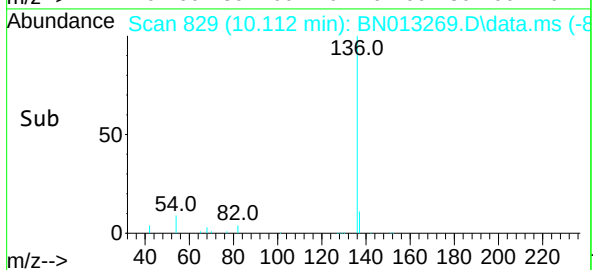
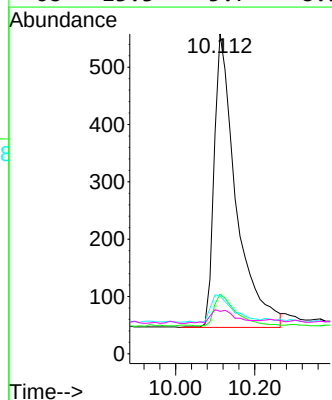
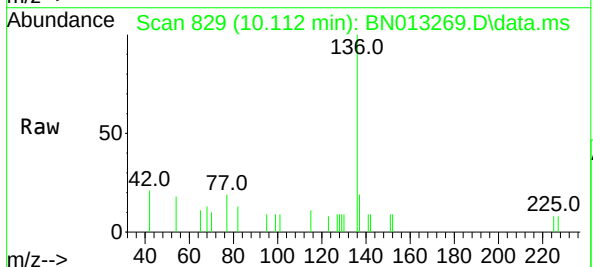
Ion	Ratio	Lower	Upper
99	100		
42	42.5	22.4	33.6#
71	57.5	37.8	56.6#

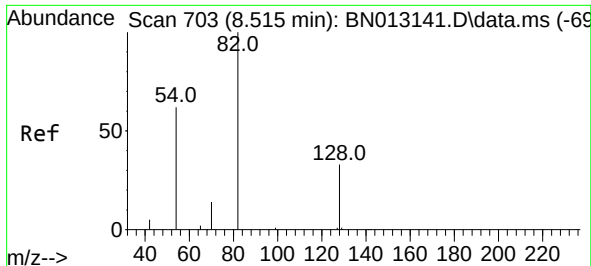


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion: 136 Resp: 1962

Ion	Ratio	Lower	Upper
136	100		
137	18.6	10.6	15.8#
54	18.1	8.6	12.8#
68	13.3	5.7	8.5#

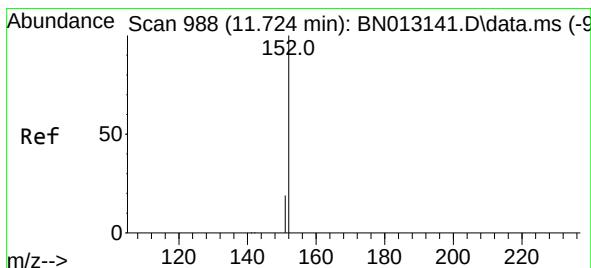
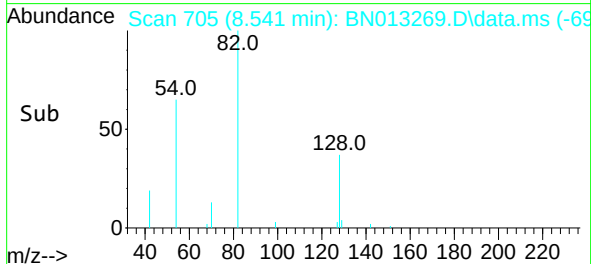
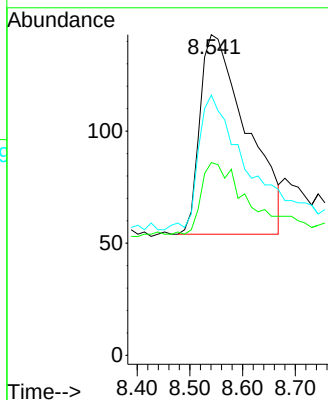
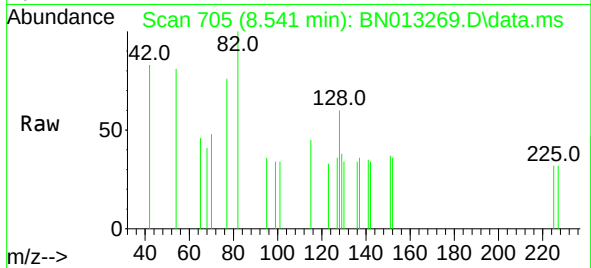




#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

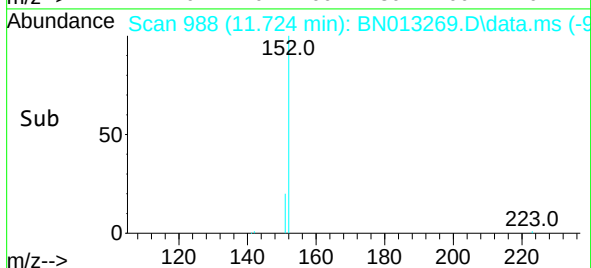
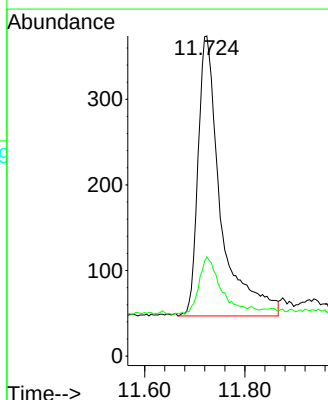
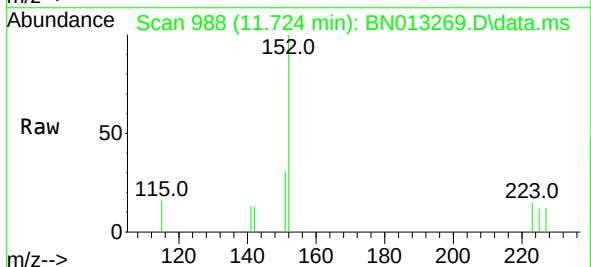
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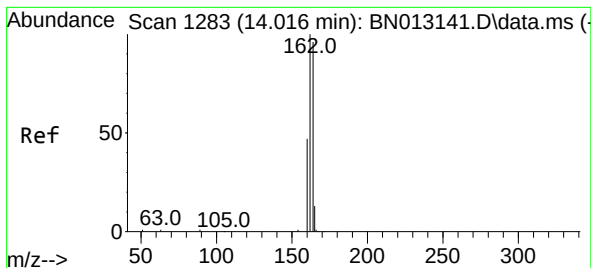
Tgt Ion: 82 Resp: 551
Ion Ratio Lower Upper
82 100
128 60.1 30.6 46.0#
54 81.1 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 11.724 min Scan# 988
Delta R.T. 0.018 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion: 152 Resp: 1030
Ion Ratio Lower Upper
152 100
151 19.5 16.7 25.1

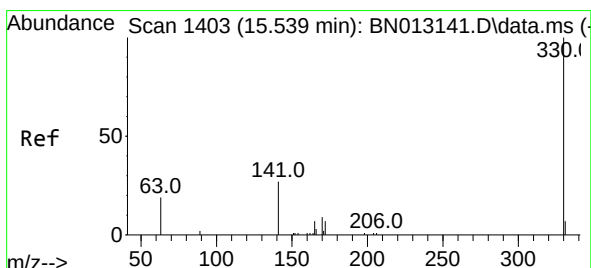
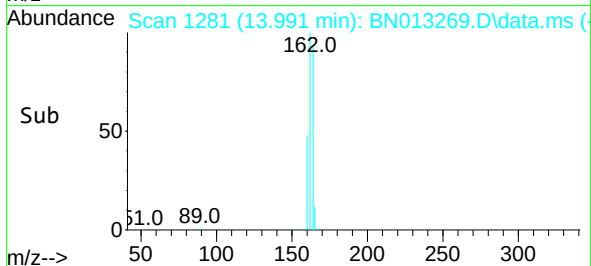
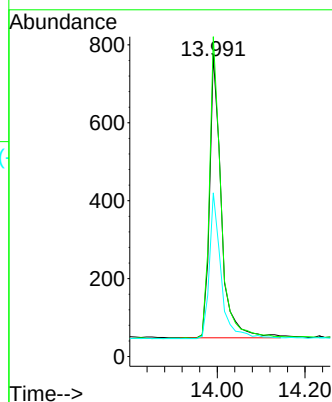
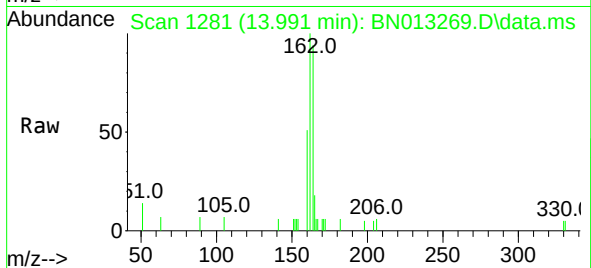




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

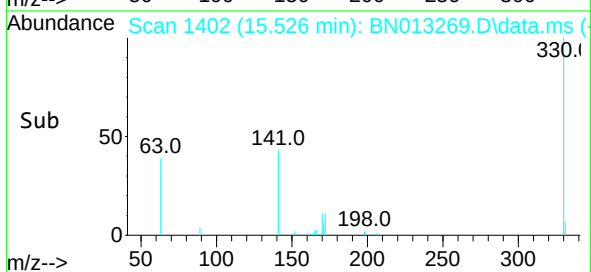
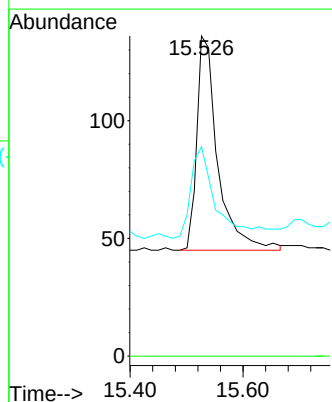
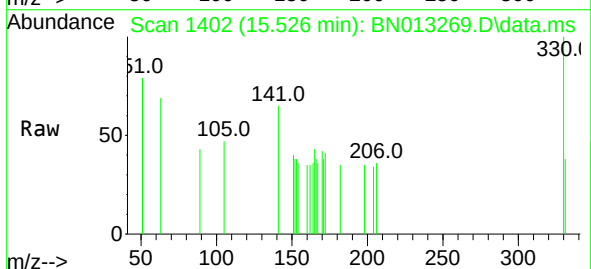
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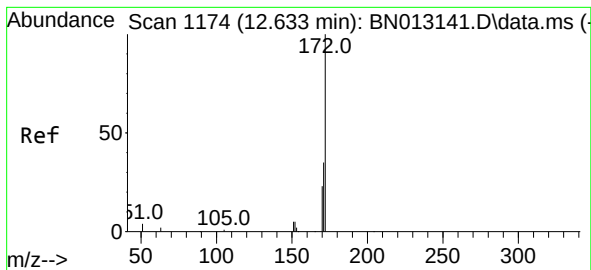
Tgt Ion:164 Resp: 1341
Ion Ratio Lower Upper
164 100
162 106.3 80.6 120.8
160 54.4 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.526 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:330 Resp: 234
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.8 34.4 51.6#

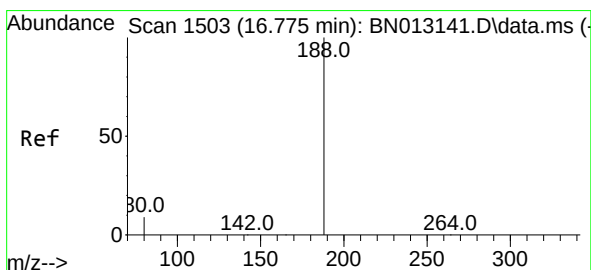
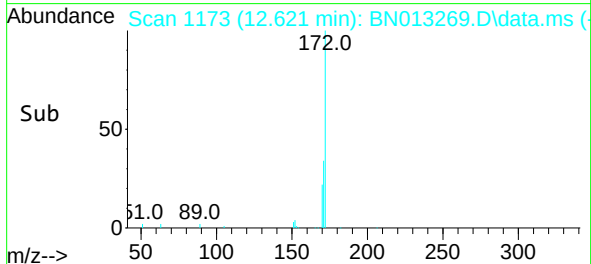
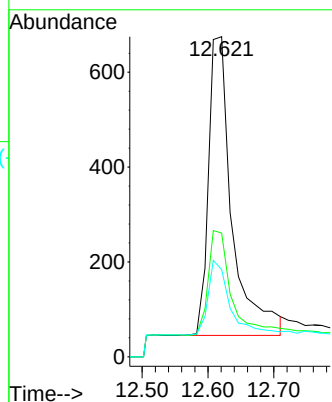
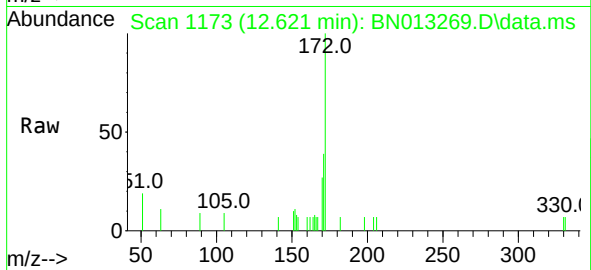




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

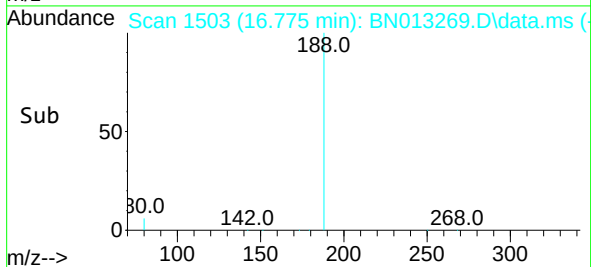
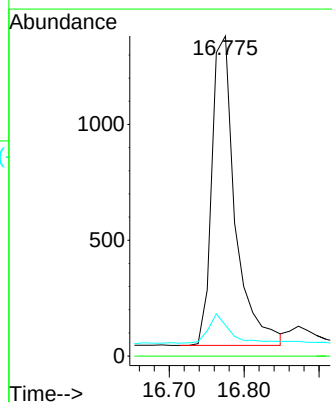
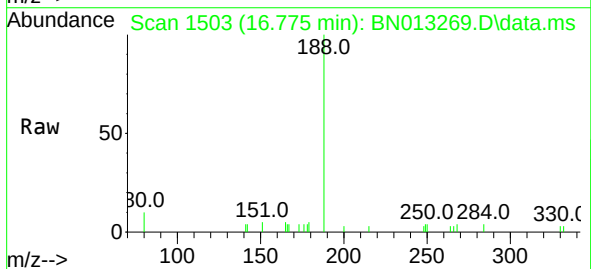
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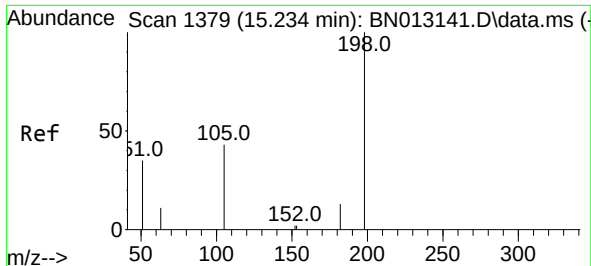
Tgt Ion:	172	Resp:	1576
Ion Ratio	Lower	Upper	
172	100		
171	38.7	28.2	42.4
170	27.3	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:	188	Resp:	2900
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.6	5.0	7.4

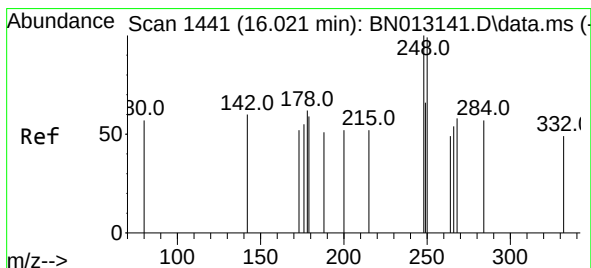
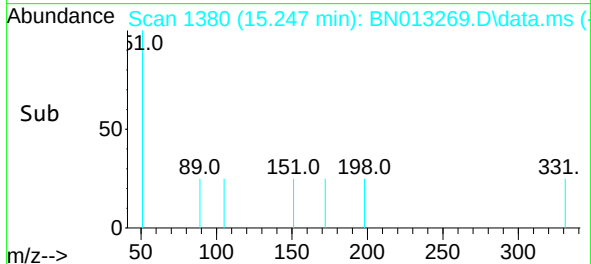
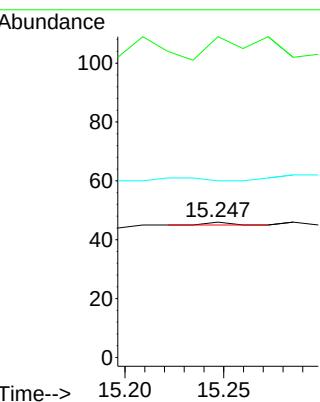
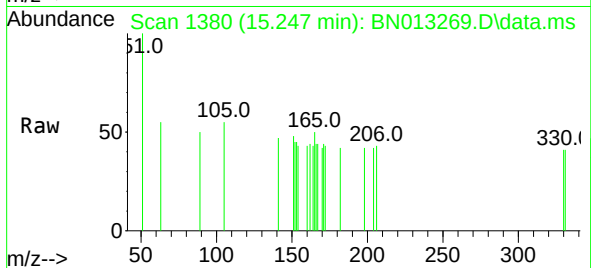




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.247 min Scan# 1380
Delta R.T. 0.025 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

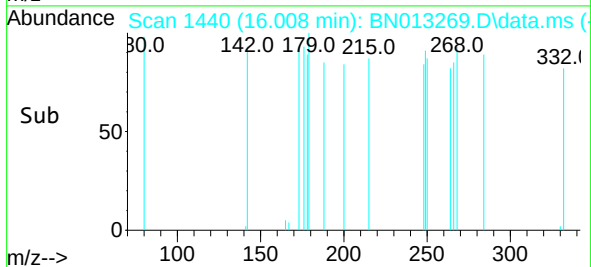
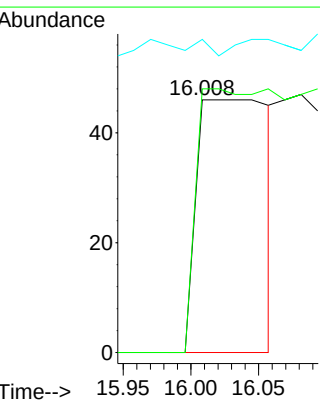
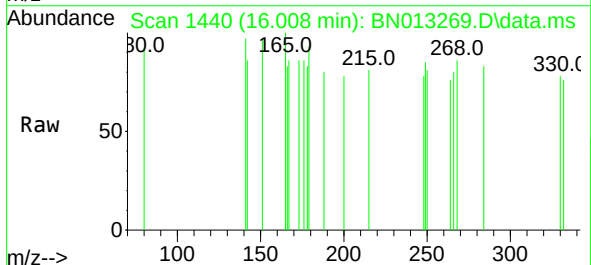
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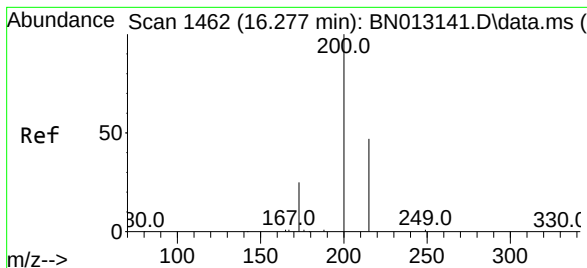
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 237.0 43.5 65.3#
105 130.4 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.30 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:248 Resp: 170
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 123.9 57.8 86.8#





#23

Atrazine

Concen: 0.14 ng

RT: 16.021 min Scan# 1441

Delta R.T. -0.244 min

Lab File: BN013269.D

Acq: 22 Dec 2020 12:47

Instrument :

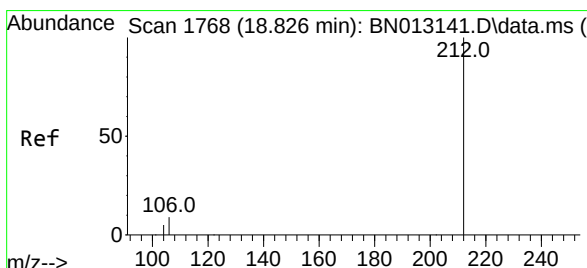
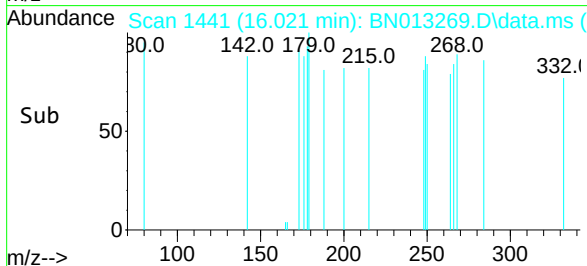
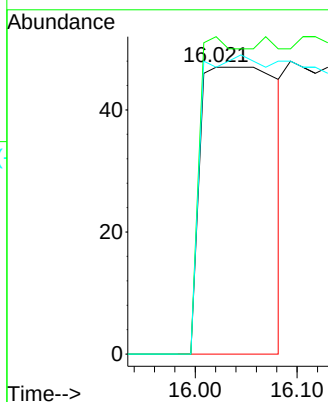
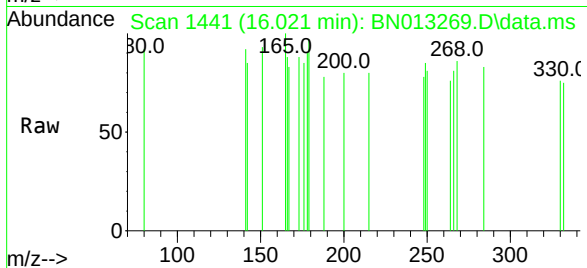
BNA_N

ClientSampleId :

RE131D3-20201211

Tgt Ion:200 Resp: 240

Ion	Ratio	Lower	Upper
200	100		
173	110.6	22.8	34.2#
215	100.0	38.1	57.1#



#27

Fluoranthene-d10

Concen: 0.40 ng

RT: 18.813 min Scan# 1767

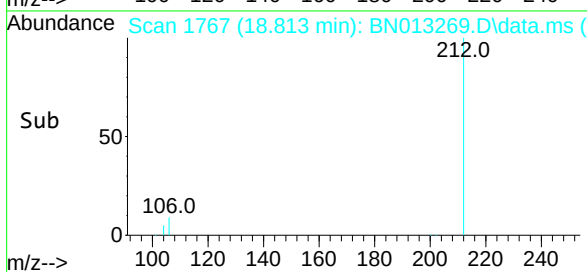
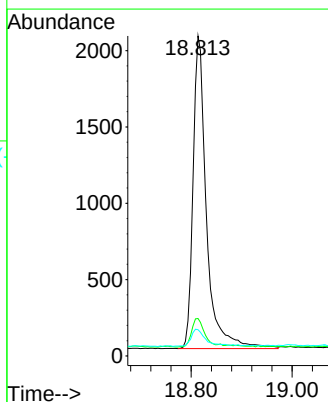
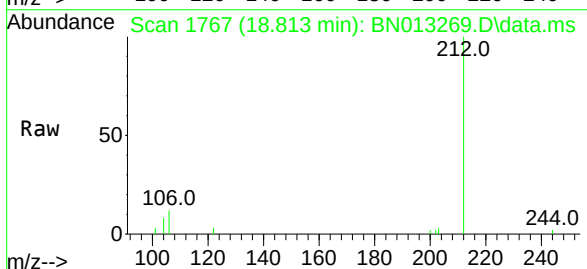
Delta R.T. -0.003 min

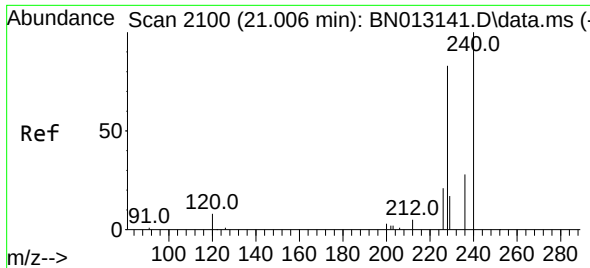
Lab File: BN013269.D

Acq: 22 Dec 2020 12:47

Tgt Ion:212 Resp: 3779

Ion	Ratio	Lower	Upper
212	100		
106	9.0	6.8	10.2
104	6.0	4.1	6.1

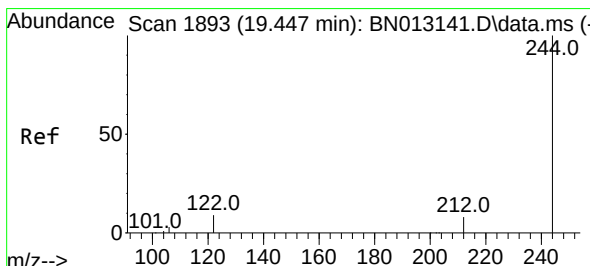
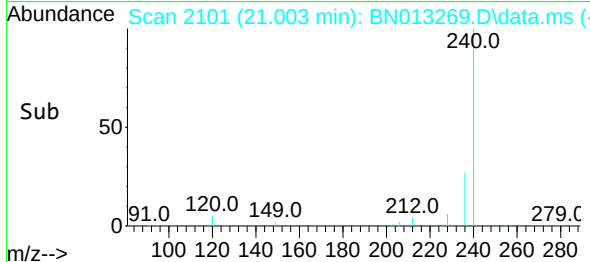
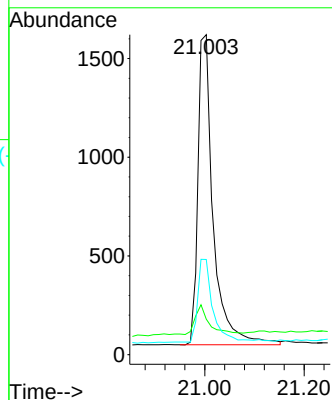
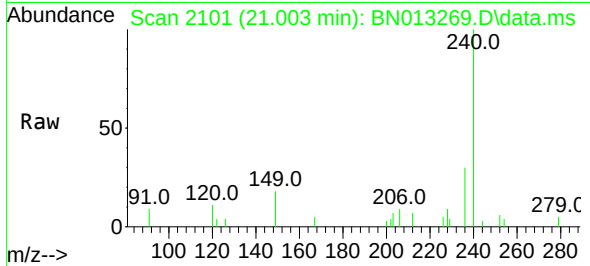




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. 0.008 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

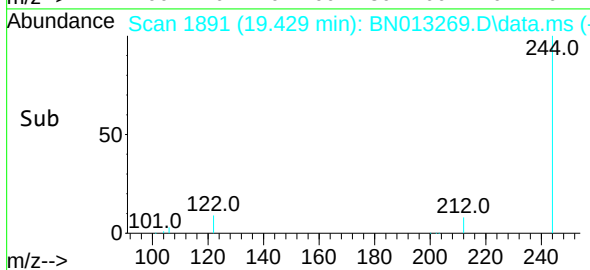
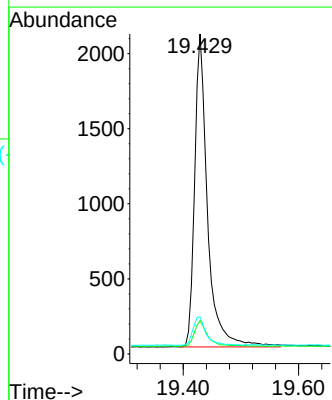
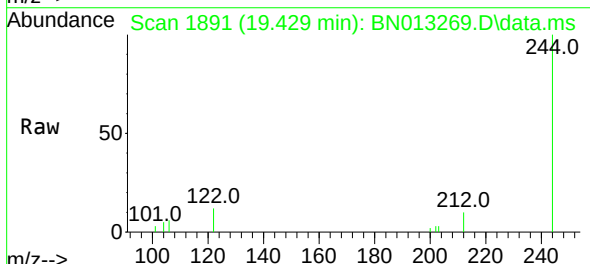
Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211

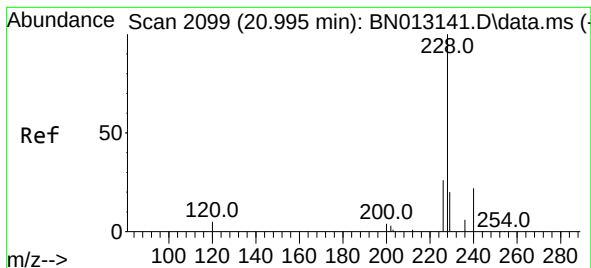
Tgt Ion:240 Resp: 3360
Ion Ratio Lower Upper
240 100
120 11.1 5.3 7.9#
236 29.7 21.8 32.8



#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:244 Resp: 3244
Ion Ratio Lower Upper
244 100
212 10.4 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: BN013269.D

Acq: 22 Dec 2020 12:47

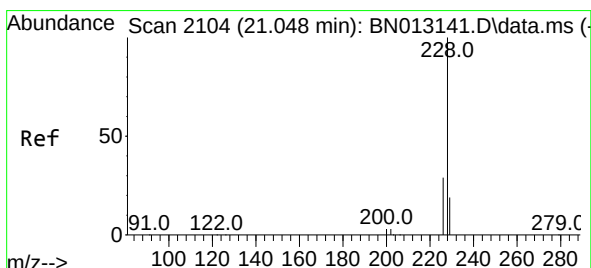
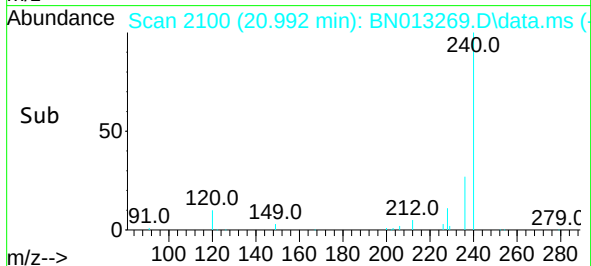
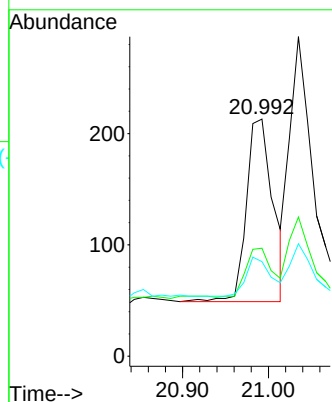
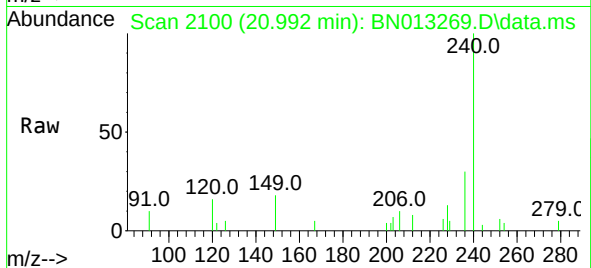
Tgt Ion:228	Resp:	354
Ion Ratio	Lower	Upper
228	100	
226	45.5	22.3 33.5#
229	39.9	15.7 23.5#

Instrument :

BNA_N

ClientSampleId :

RE131D3-20201211



#33

Chrysene

Concen: 0.03 ng

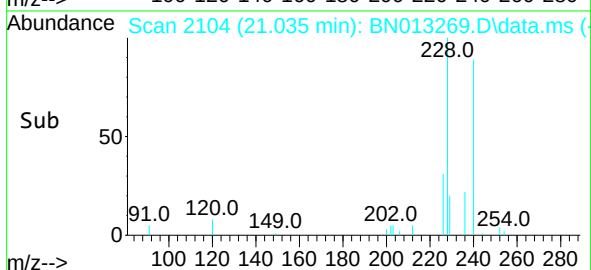
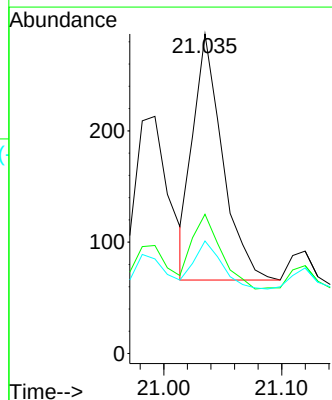
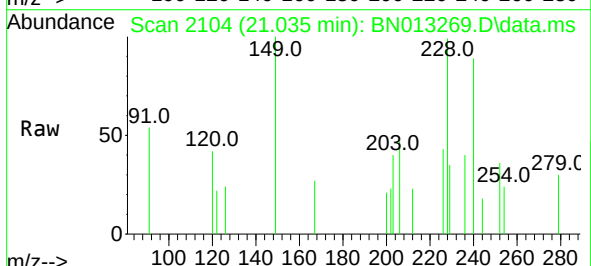
RT: 21.035 min Scan# 2104

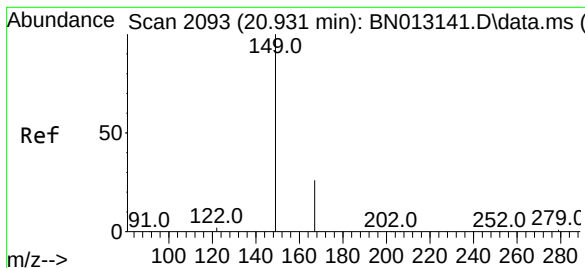
Delta R.T. -0.003 min

Lab File: BN013269.D

Acq: 22 Dec 2020 12:47

Tgt Ion:228	Resp:	382
Ion Ratio	Lower	Upper
228	100	
226	43.6	24.2 36.2#
229	35.2	15.7 23.5#

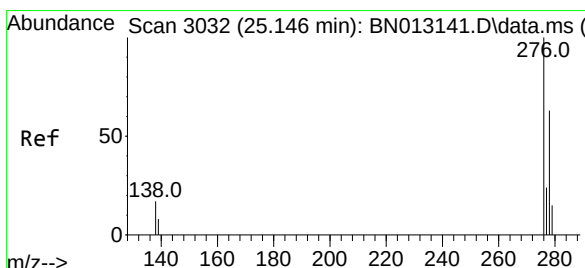
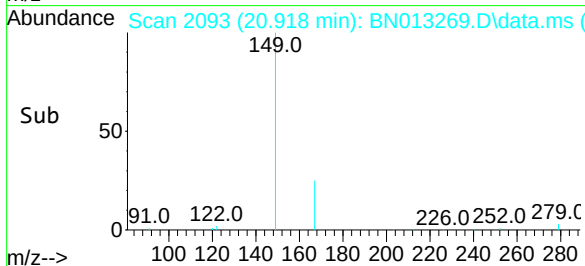
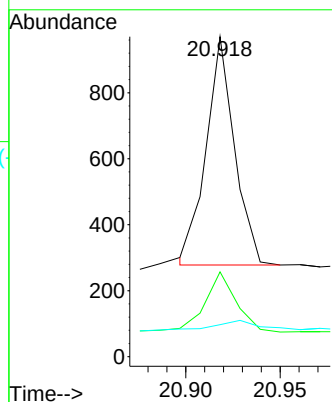
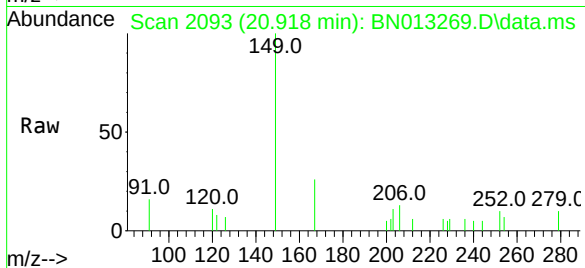




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.918 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

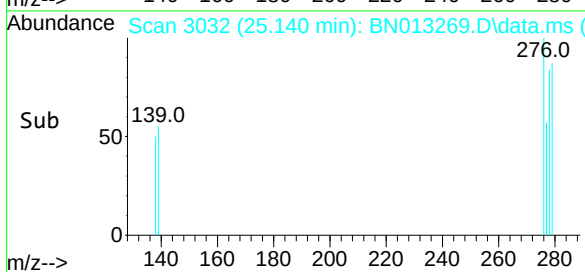
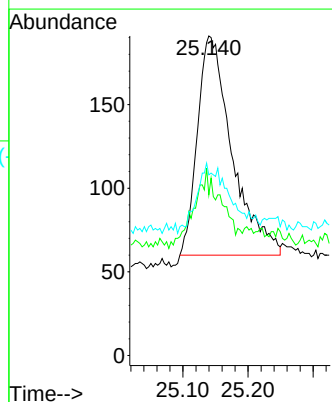
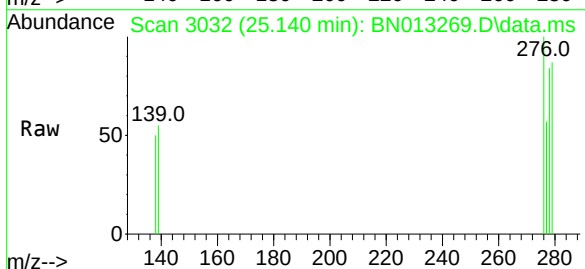
Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211

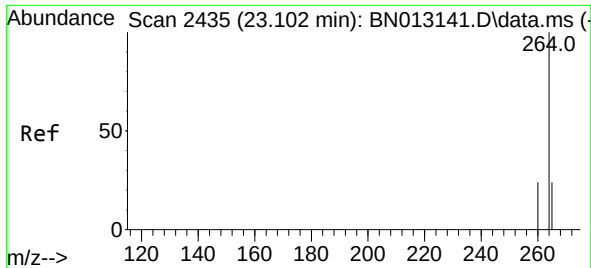
Tgt Ion:149 Resp: 724
Ion Ratio Lower Upper
149 100
167 28.0 23.2 34.8
279 5.4 3.9 5.9



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.140 min Scan# 3032
Delta R.T. 0.018 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

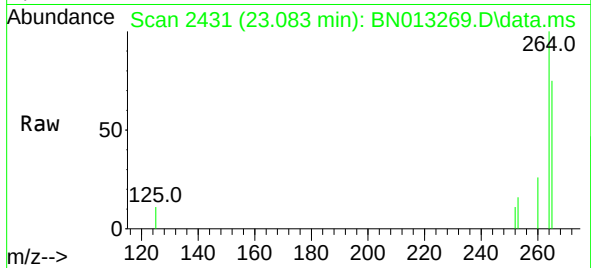
Tgt Ion:276 Resp: 484
Ion Ratio Lower Upper
276 100
138 0.0 13.3 19.9#
277 0.0 20.2 30.4#



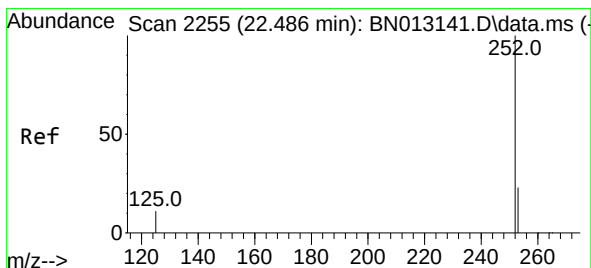
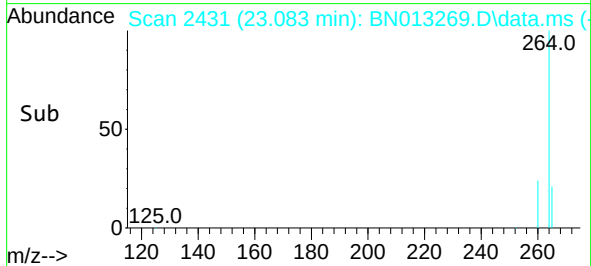
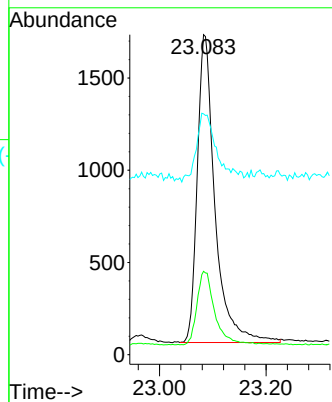


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.083 min Scan# 2431
 Delta R.T. -0.003 min
 Lab File: BN013269.D
 Acq: 22 Dec 2020 12:47

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20201211

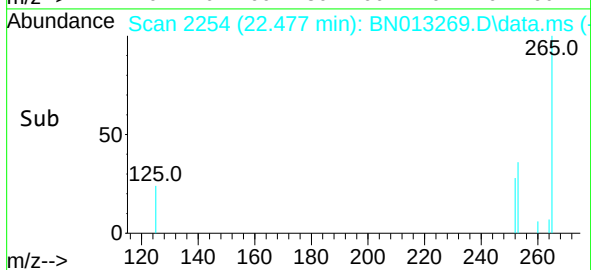
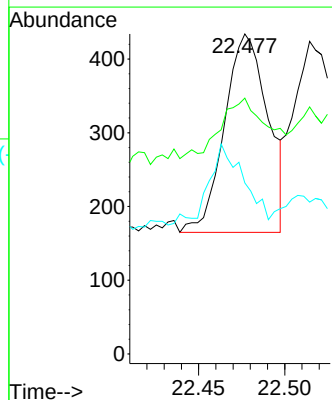
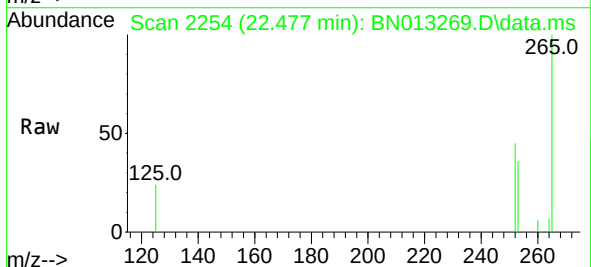


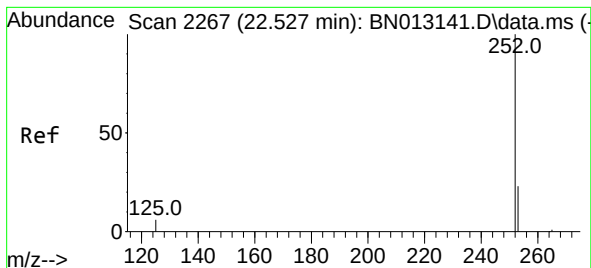
Tgt Ion:264 Resp: 3853
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.8 29.6
 265 75.3 51.4 77.0



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.477 min Scan# 2254
 Delta R.T. 0.004 min
 Lab File: BN013269.D
 Acq: 22 Dec 2020 12:47

Tgt Ion:252 Resp: 472
 Ion Ratio Lower Upper
 252 100
 253 80.0 20.1 30.1#
 125 53.5 7.2 10.8#

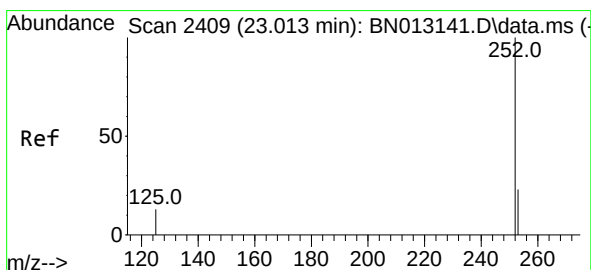
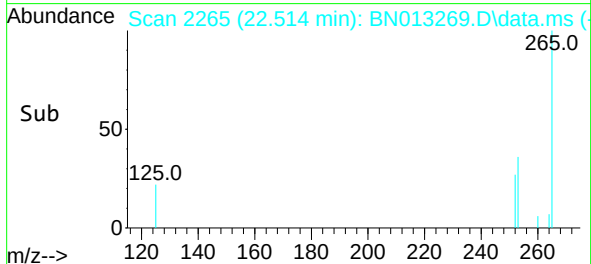
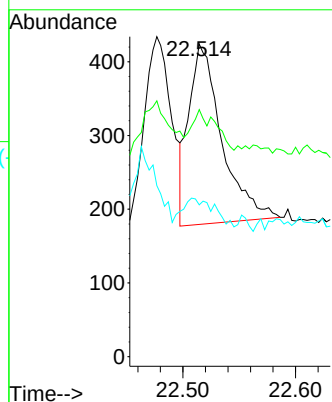
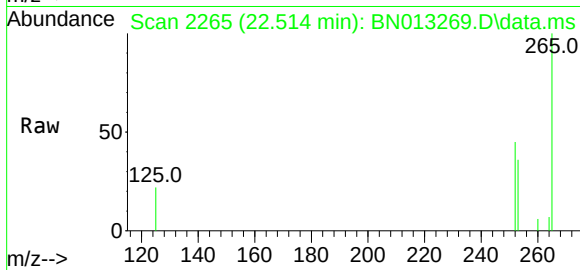




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.514 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

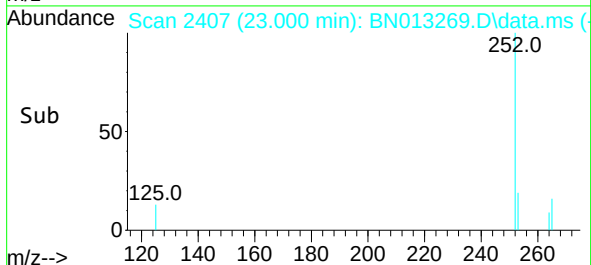
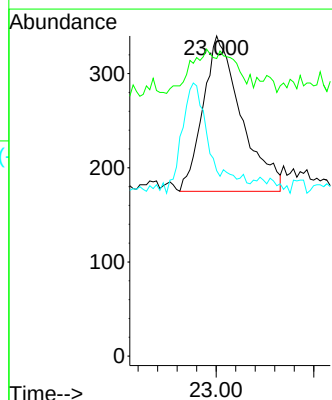
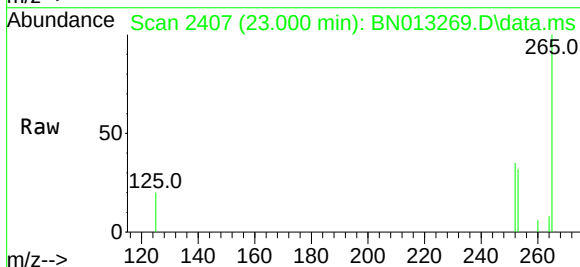
Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211

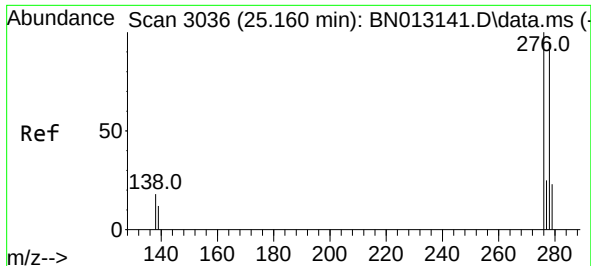
Tgt Ion:252 Resp: 498
Ion Ratio Lower Upper
252 100
253 79.0 19.8 29.8#
125 48.6 7.1 10.7#



#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.000 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:252 Resp: 449
Ion Ratio Lower Upper
252 100
253 92.9 21.3 31.9#
125 57.9 8.3 12.5#

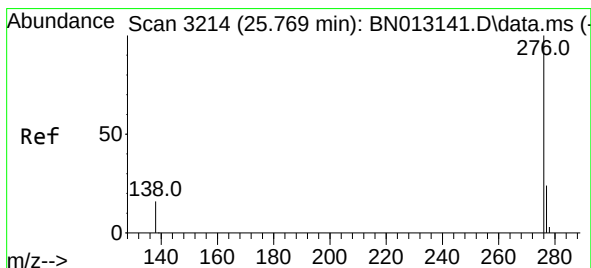
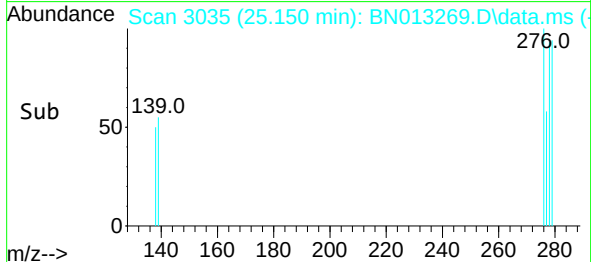
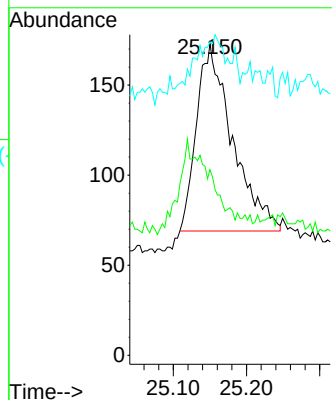
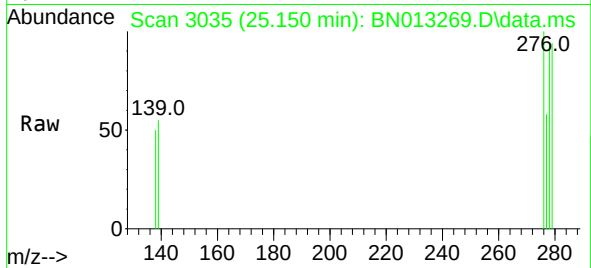




#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.150 min Scan# 3035
Delta R.T. 0.018 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211

Tgt Ion:278 Resp: 353
Ion Ratio Lower Upper
278 100
139 59.5 9.3 13.9#
279 100.6 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: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:276 Resp: 594
Ion Ratio Lower Upper
276 100
277 53.5 19.8 29.8#
138 42.8 11.7 17.5#

