

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013283.D
 Acq On : 22 Dec 2020 22:25
 Operator : CG/JU
 Sample : L5124-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20201214

Quant Time: Dec 23 00:54:28 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	629	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2065	0.40	ng	# 0.03
13) Acenaphthene-d10	13.991	164	1390	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3150	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3273	0.40	ng	# 0.00
36) Perylene-d12	23.078	264	3600	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	226	0.09	ng	0.00
5) Phenol-d6	6.589	99	94	0.04	ng	0.05
8) Nitrobenzene-d5	8.553	82	487	0.23	ng	0.05
11) 2-Methylnaphthalene-d10	11.733	152	822	0.23	ng	0.03
14) 2,4,6-Tribromophenol	15.539	330	198	0.23	ng	0.01
15) 2-Fluorobiphenyl	12.621	172	1287	0.22	ng	0.01
27) Fluoranthene-d10	18.816	212	3533	0.34	ng	0.00
31) Terphenyl-d14	19.427	244	3011	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	1511	1.38	ng	# 91
3) n-Nitrosodimethylamine	3.206	42	231	0.13	ng	# 27
20) 4,6-Dinitro-2-methylph...	15.285	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.033	248	135	0.22	ng	# 72
23) Atrazine	16.057	200	205	0.11	ng	# 1
32) Benzo(a)anthracene	20.984	228	307	0.03	ng	# 64
33) Chrysene	21.027	228	385	0.03	ng	# 69
34) Bis(2-ethylhexyl)phtha...	20.910	149	493	Below Cal		# 92
35) Indeno(1,2,3-cd)pyrene	25.146	276	394	0.02	ng	# 54
37) Benzo(b)fluoranthene	22.476	252	426	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.517	252	435	0.03	ng	# 1
39) Benzo(a)pyrene	23.000	252	422	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.156	278	278	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.752	276	569	0.04	ng	# 36

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

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QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

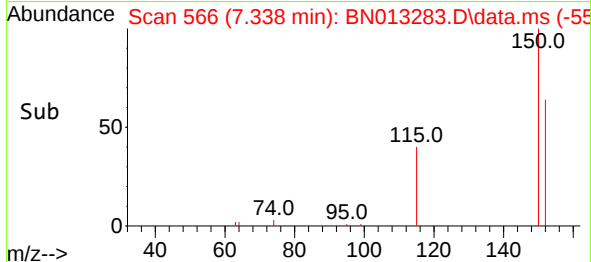
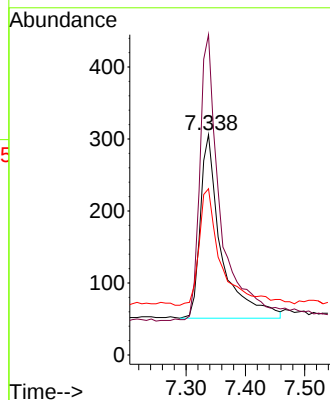
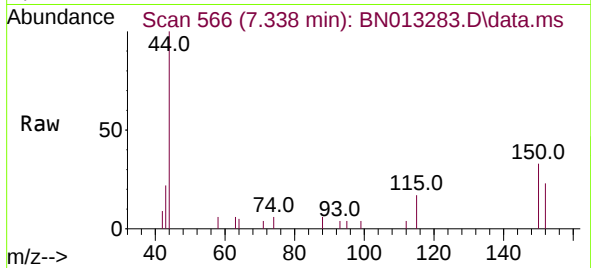




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.338 min Scan# 566
 Delta R.T. 0.008 min
 Lab File: BN013283.D
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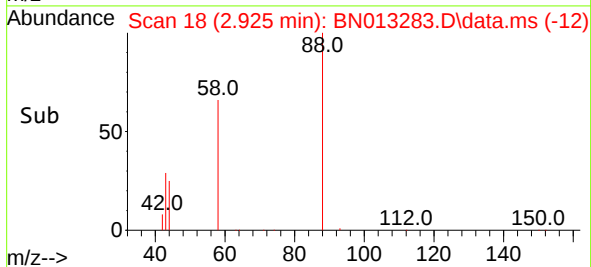
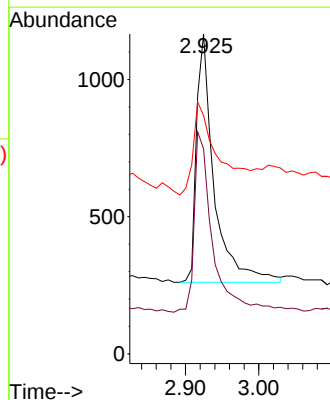
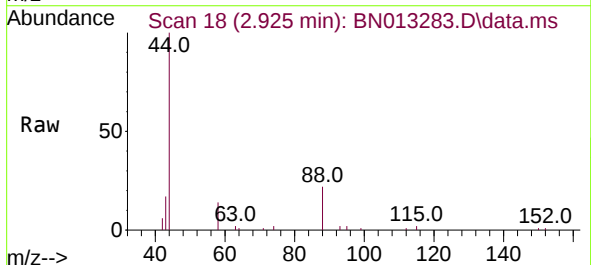
Instrument :
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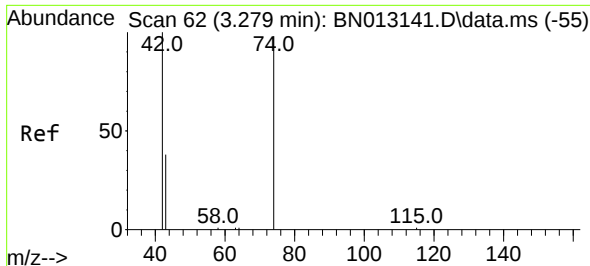
Tgt Ion:152 Resp: 629
 Ion Ratio Lower Upper
 152 100
 150 145.4 116.6 174.8
 115 75.5 52.9 79.3



#2
 1,4-Dioxane
 Concen: 1.38 ng
 RT: 2.925 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BN013283.D
 Acq: 22 Dec 2020 22:25

Tgt Ion: 88 Resp: 1511
 Ion Ratio Lower Upper
 88 100
 58 73.9 59.4 89.2
 43 55.3 32.3 48.5#

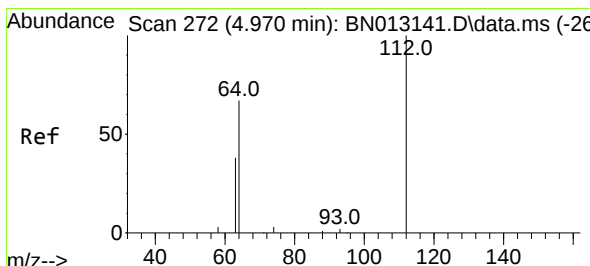
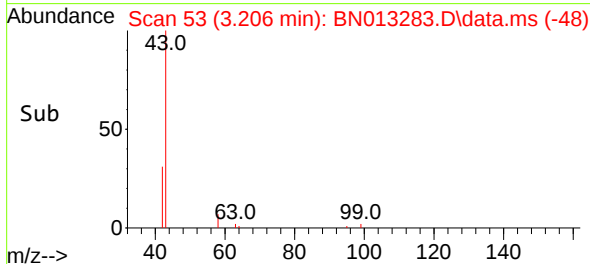
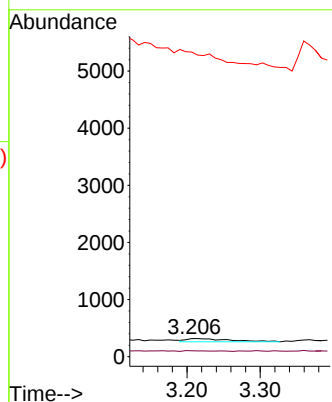
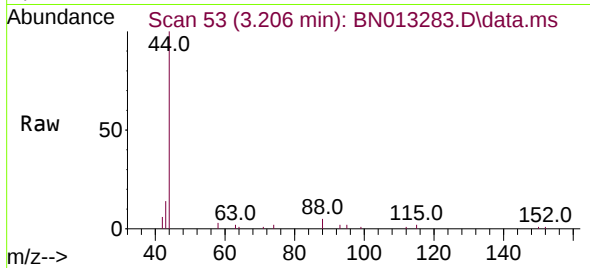




#3
n-Nitrosodimethylamine
Concen: 0.13 ng
RT: 3.206 min Scan# 53
Delta R.T. -0.056 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

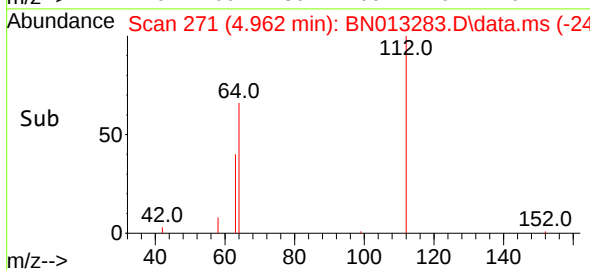
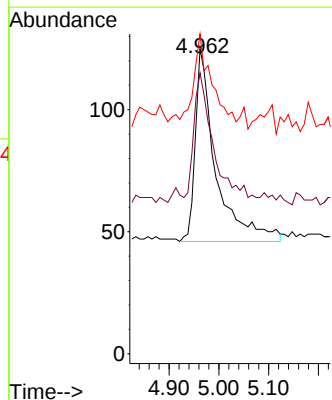
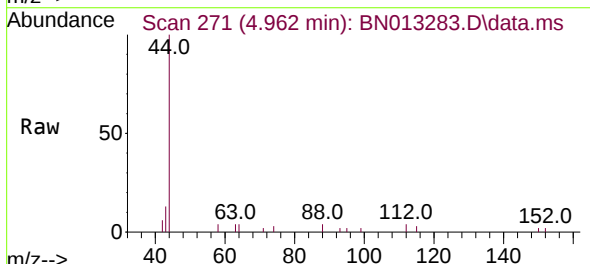
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ClientSampleId :
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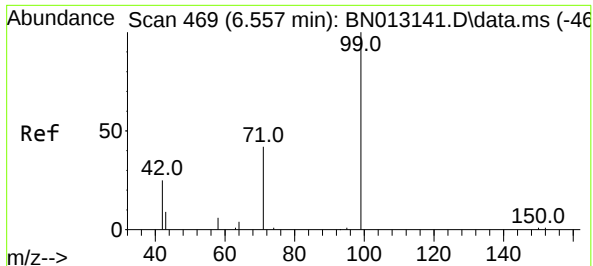
Tgt Ion: 42 Resp: 231
Ion Ratio Lower Upper
42 100
74 13.4 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion: 112 Resp: 226
Ion Ratio Lower Upper
112 100
64 62.8 49.5 74.3
63 39.4 32.0 48.0

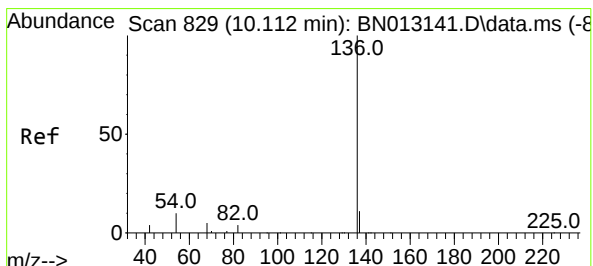
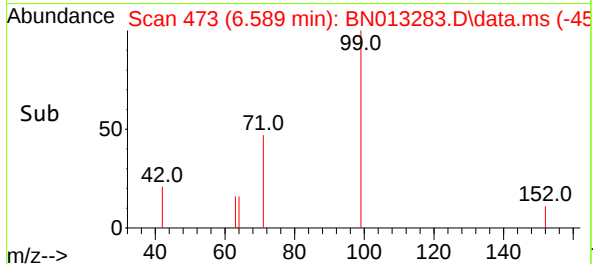
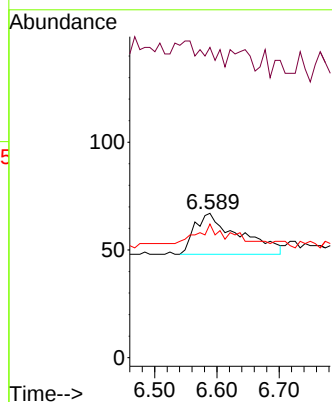
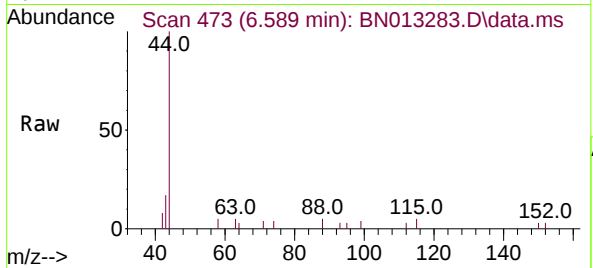




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.589 min Scan# 473
Delta R.T. 0.048 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

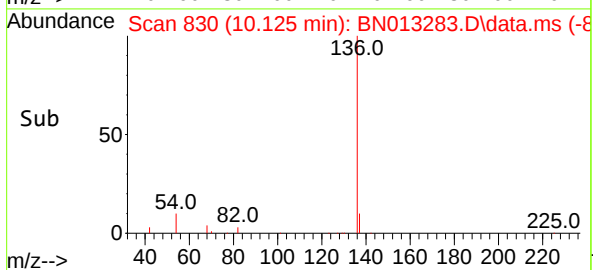
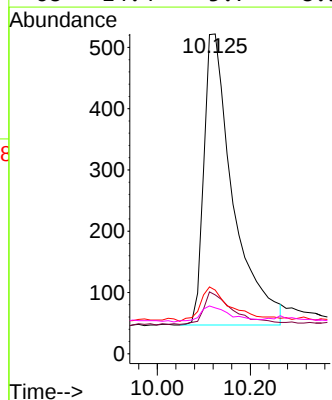
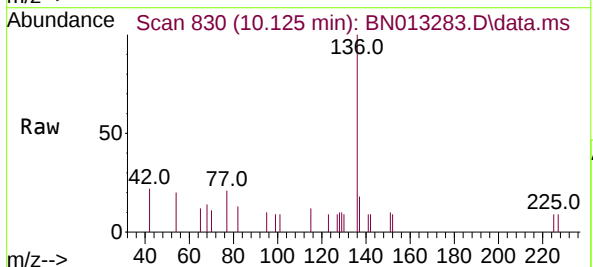
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ClientSampleId :
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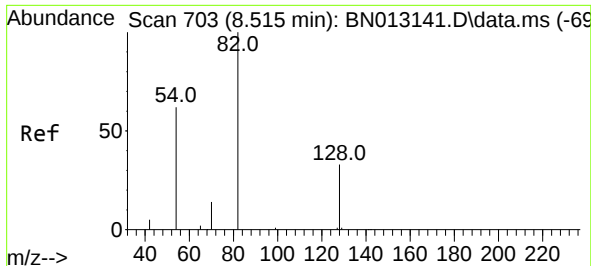
Tgt Ion: 99 Resp: 94
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 21.3 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.025 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion: 136 Resp: 2065
Ion Ratio Lower Upper
136 100
137 18.4 10.6 15.8#
54 19.9 8.6 12.8#
68 14.4 5.7 8.5#

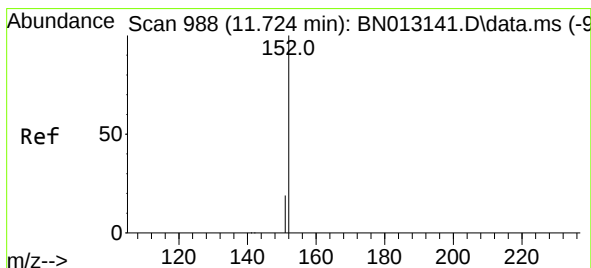
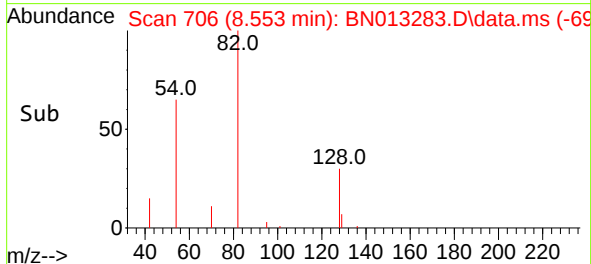
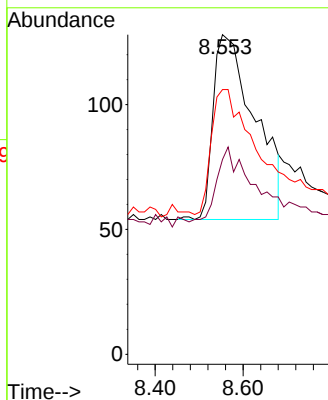
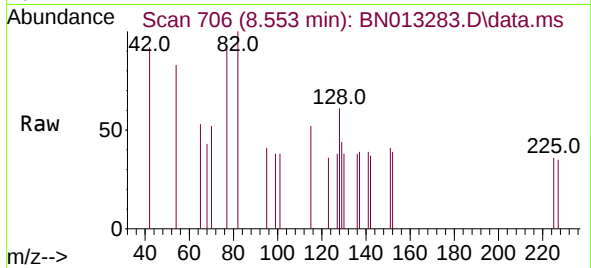




#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.051 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

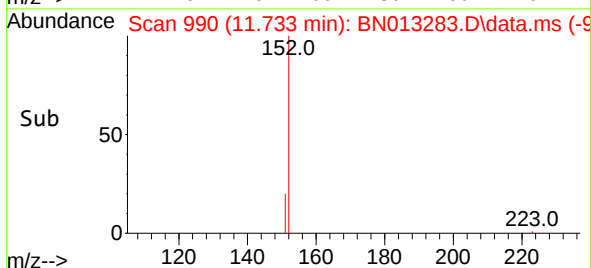
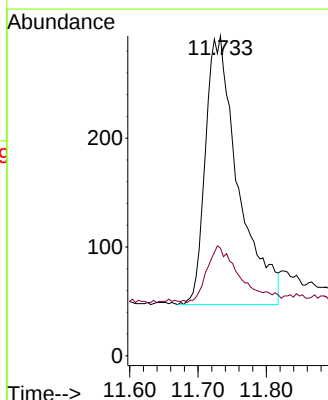
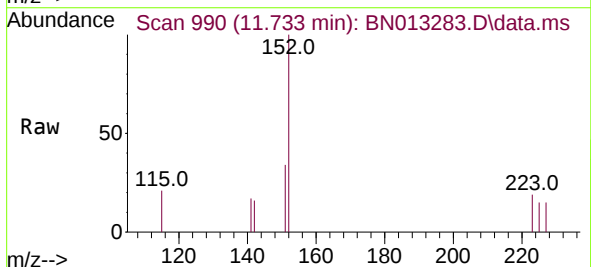
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ClientSampleId :
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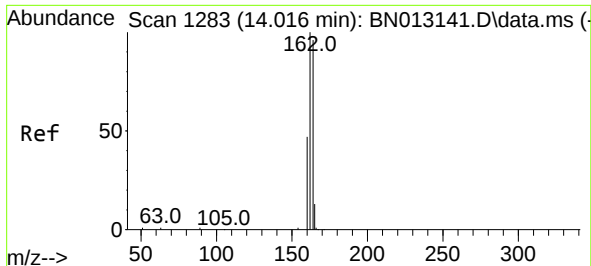
Tgt Ion: 82 Resp: 487
Ion Ratio Lower Upper
82 100
128 60.9 30.6 46.0#
54 82.8 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.027 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion: 152 Resp: 822
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1

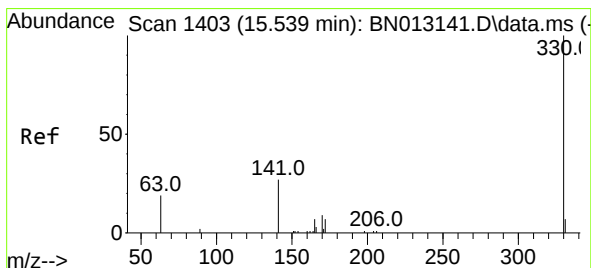
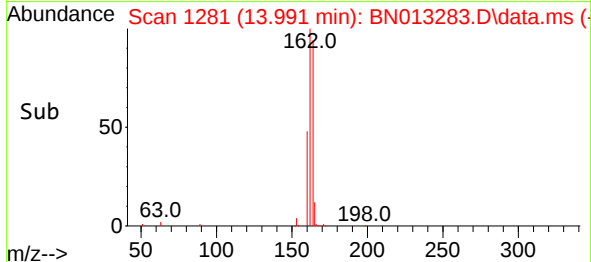
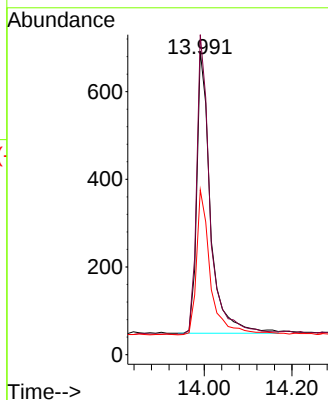
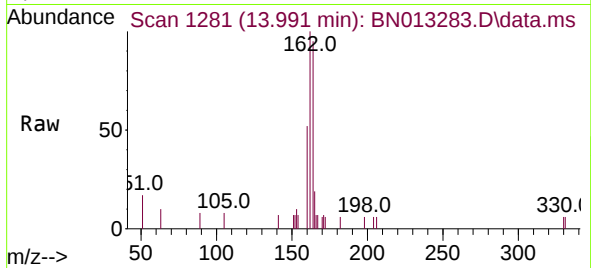




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

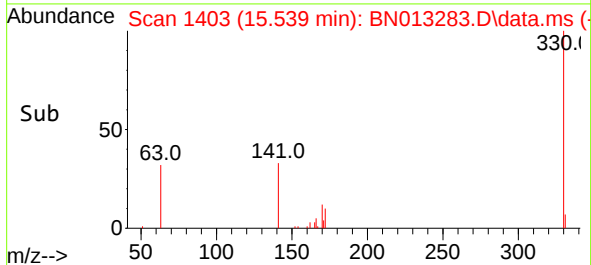
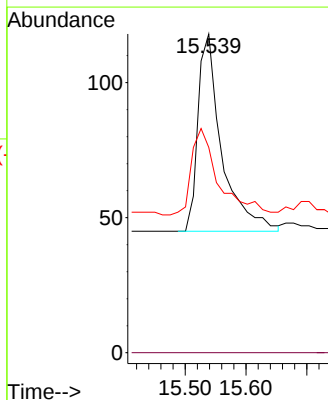
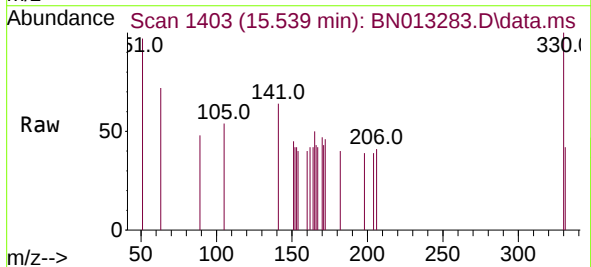
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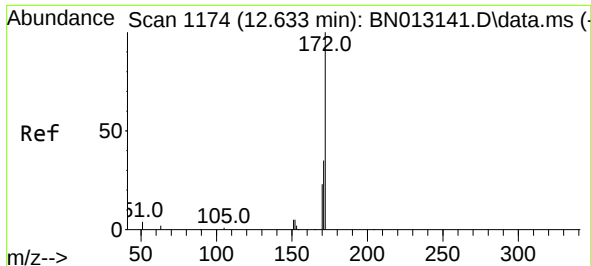
Tgt Ion:	164	Resp:	1390
Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.6	120.8
160	54.3	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion:	330	Resp:	198
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.5	34.4	51.6

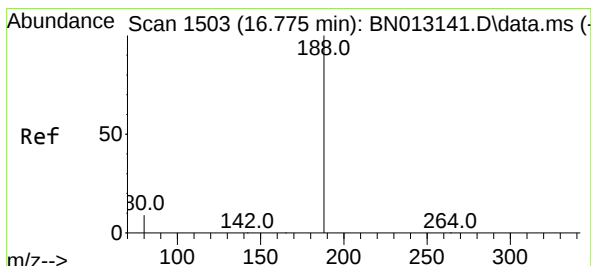
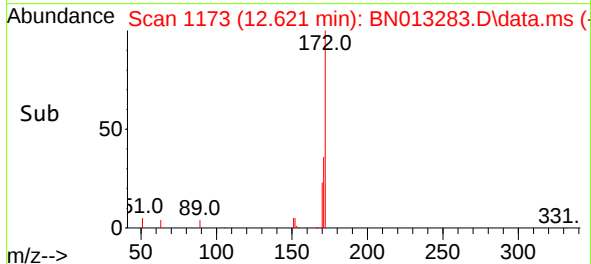
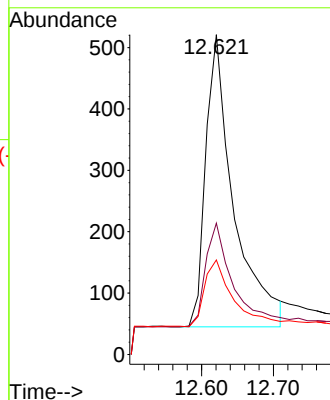
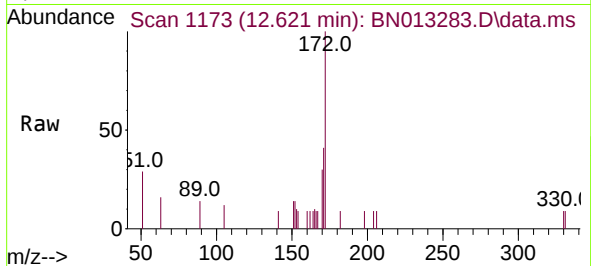




#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

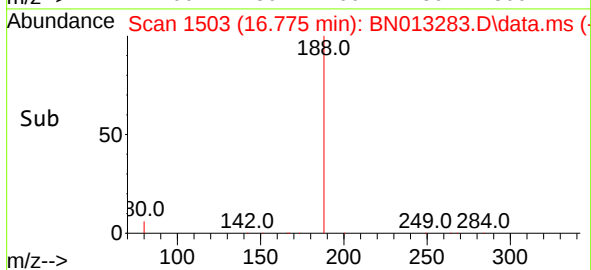
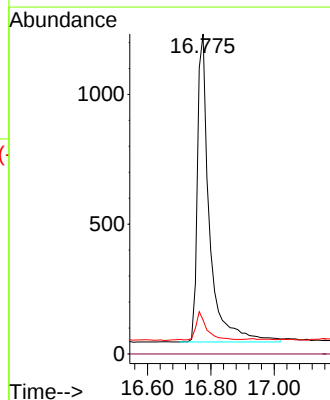
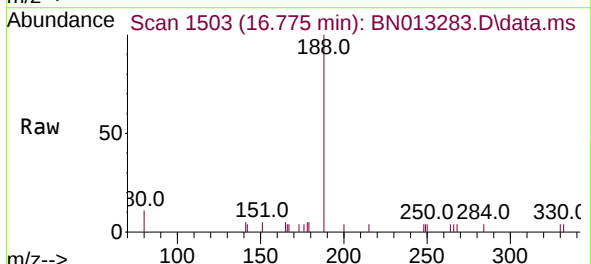
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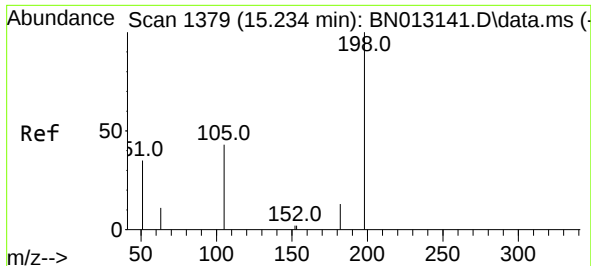
Tgt Ion:	172	Resp:	1287
Ion	Ratio	Lower	Upper
172	100		
171	41.1	28.2	42.4
170	29.6	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion:	188	Resp:	3150
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	5.0	7.4#

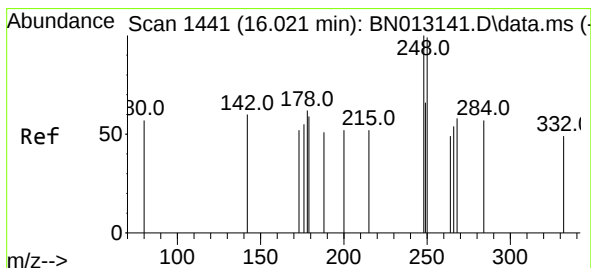
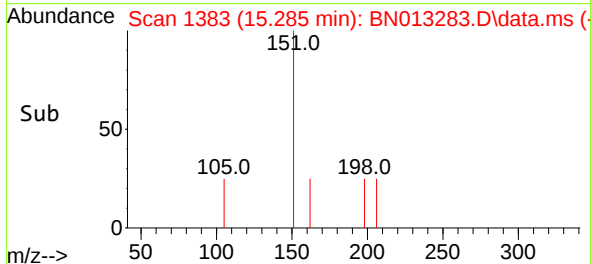
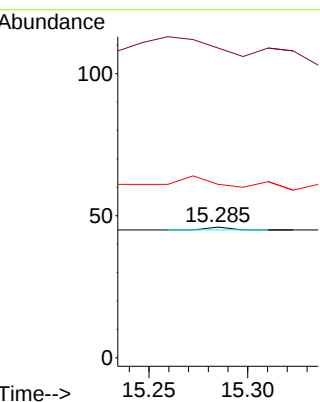
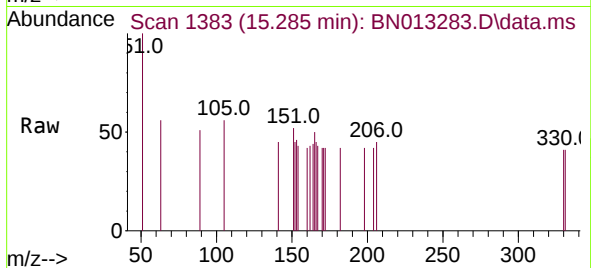




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.285 min Scan# 1383
Delta R.T. 0.063 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

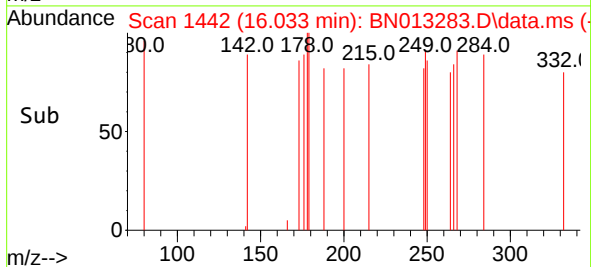
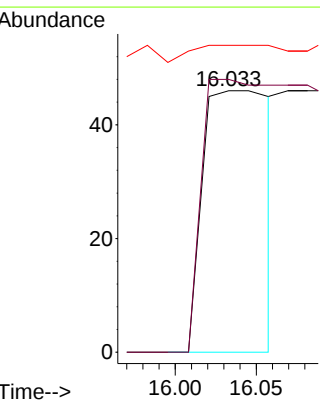
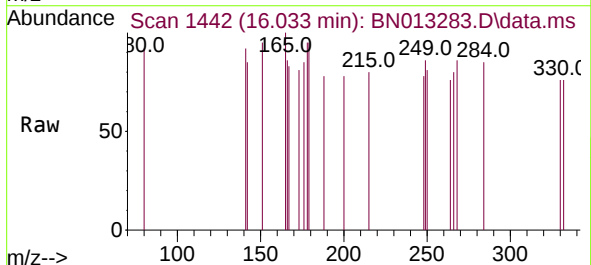
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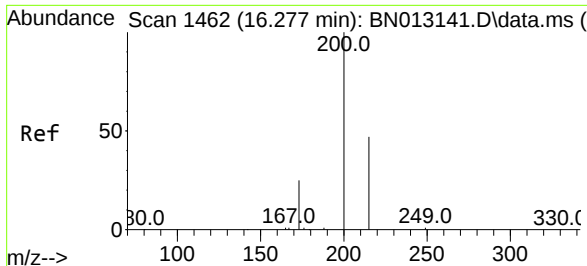
Tgt Ion:	198	Resp:	1
Ion	Ratio	Lower	Upper
198	100		
51	237.0	43.5	65.3#
105	132.6	27.2	40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.22 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

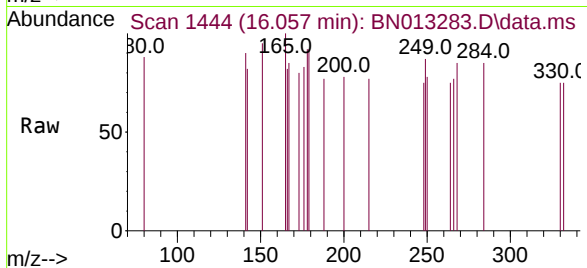
Tgt Ion:	248	Resp:	135
Ion	Ratio	Lower	Upper
248	100		
250	104.3	77.3	115.9
141	117.4	57.8	86.8#



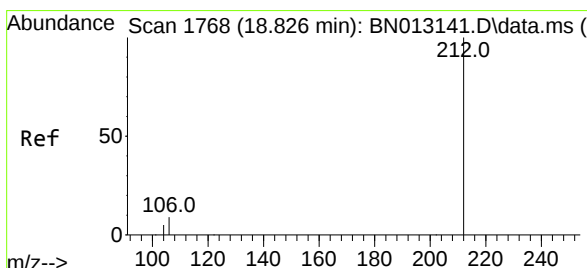
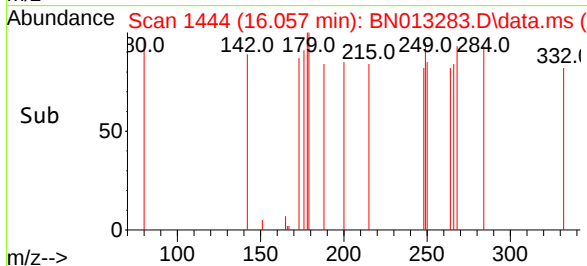
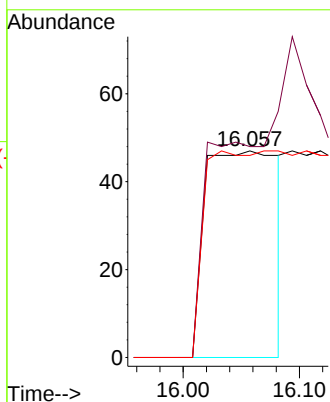


#23
Atrazine
Concen: 0.11 ng
RT: 16.057 min Scan# 1444
Delta R.T. -0.207 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Instrument :
BNA_N
ClientSampleId :
RE123D1-20201214

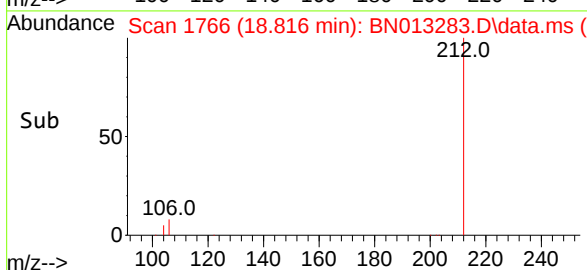
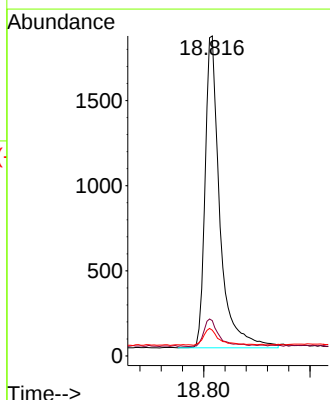
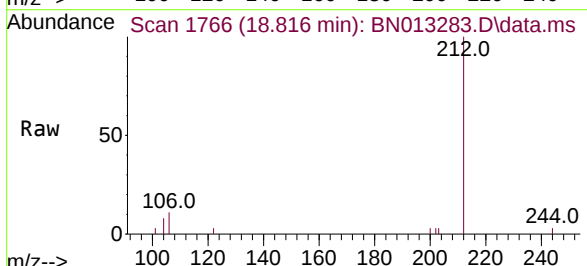


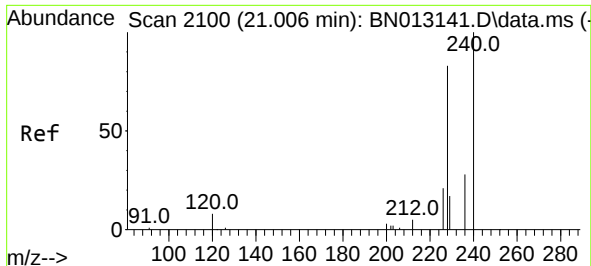
Tgt Ion:200 Resp: 205
Ion Ratio Lower Upper
200 100
173 102.1 22.8 34.2#
215 97.9 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion:212 Resp: 3533
Ion Ratio Lower Upper
212 100
106 9.0 6.8 10.2
104 5.7 4.1 6.1





#29

Chrysene-d12

Concen: 0.40 ng

RT: 20.995 min Scan# 2099

Delta R.T. -0.000 min

Lab File: BN013283.D

Acq: 22 Dec 2020 22:25

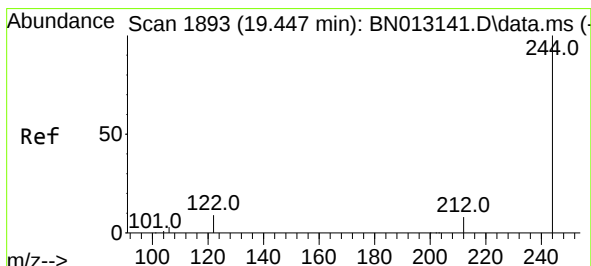
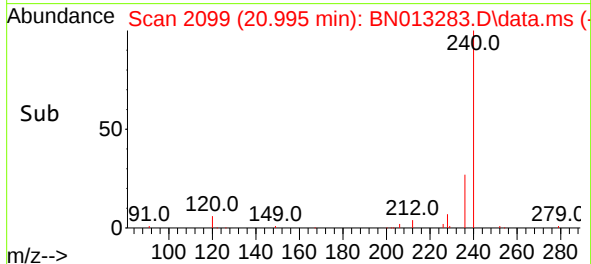
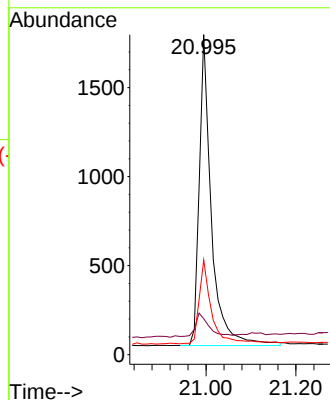
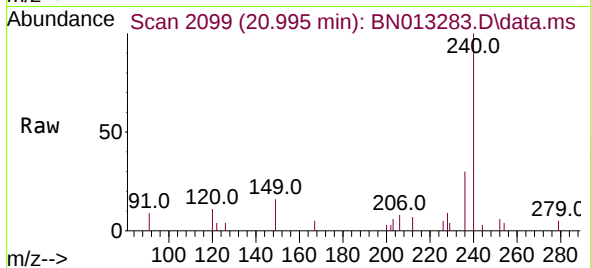
Tgt Ion:240 Resp: 3273

Ion Ratio Lower Upper

240 100

120 11.2 5.3 7.9#

236 29.6 21.8 32.8



#31

Terphenyl-d14

Concen: 0.36 ng

RT: 19.427 min Scan# 1889

Delta R.T. -0.005 min

Lab File: BN013283.D

Acq: 22 Dec 2020 22:25

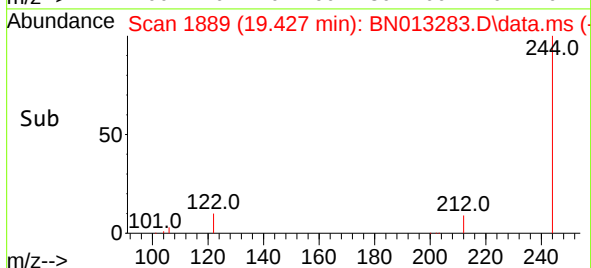
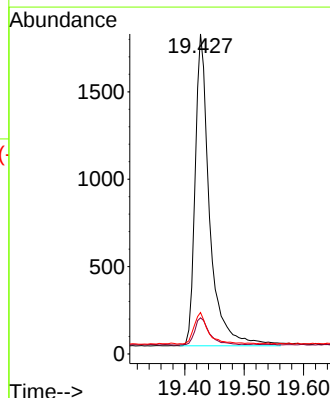
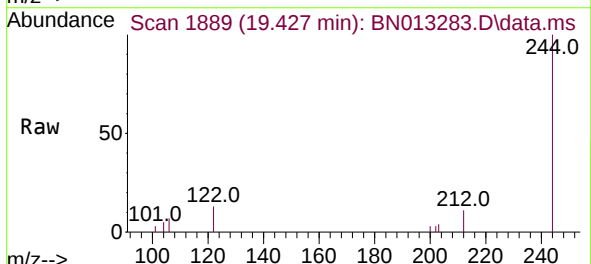
Tgt Ion:244 Resp: 3011

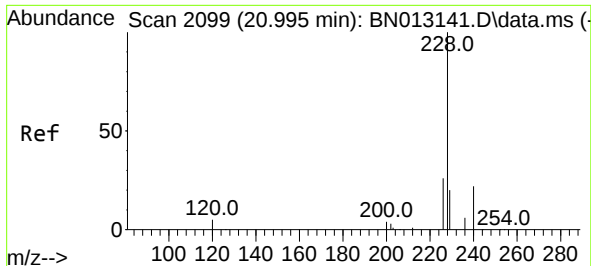
Ion Ratio Lower Upper

244 100

212 11.3 7.3 10.9#

122 12.9 7.3 10.9#





#32

Benzo(a)anthracene

Concen: 0.03 ng

RT: 20.984 min Scan# 2098

Delta R.T. -0.000 min

Lab File: BN013283.D

Acq: 22 Dec 2020 22:25

Tgt Ion:228 Resp: 307

Ion Ratio Lower Upper

228 100

226 45.8 22.3 33.5#

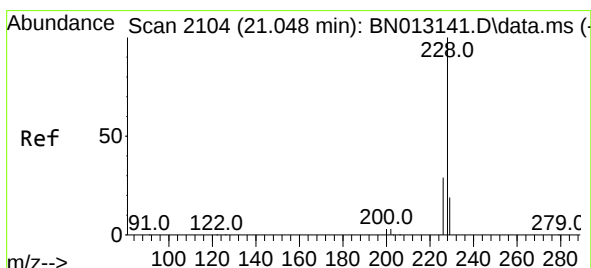
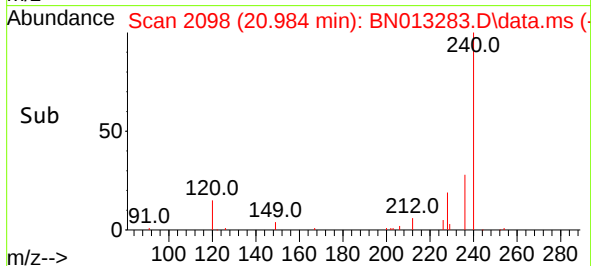
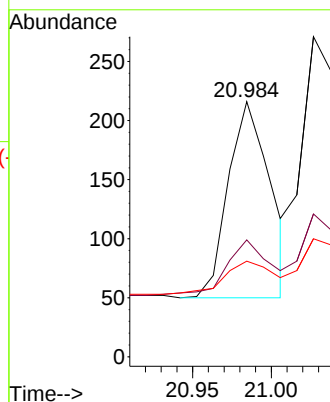
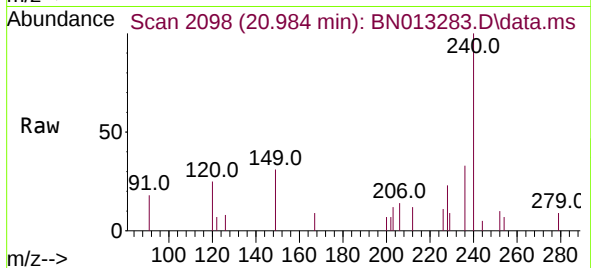
229 37.5 15.7 23.5#

Instrument :

BNA_N

ClientSampleId :

RE123D1-20201214



#33

Chrysene

Concen: 0.03 ng

RT: 21.027 min Scan# 2102

Delta R.T. -0.011 min

Lab File: BN013283.D

Acq: 22 Dec 2020 22:25

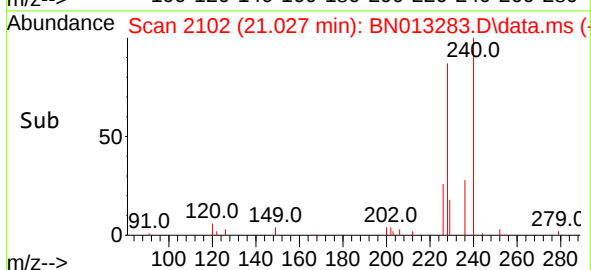
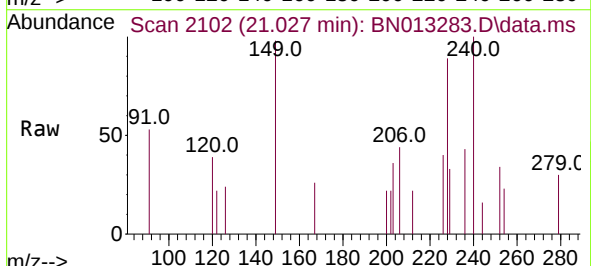
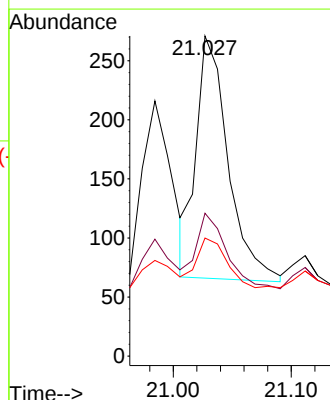
Tgt Ion:228 Resp: 385

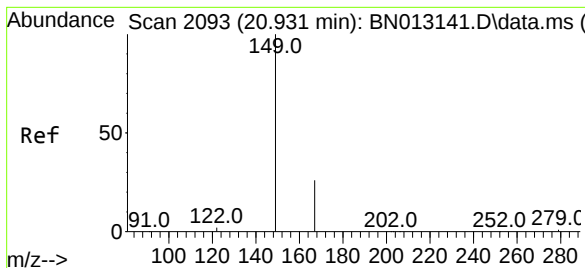
Ion Ratio Lower Upper

228 100

226 44.6 24.2 36.2#

229 36.9 15.7 23.5#

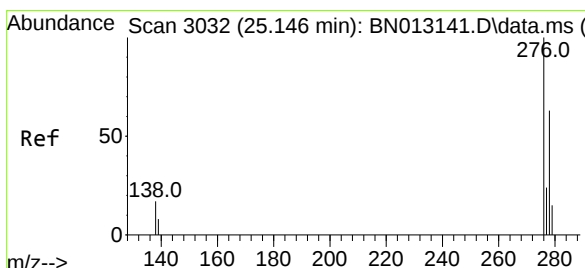
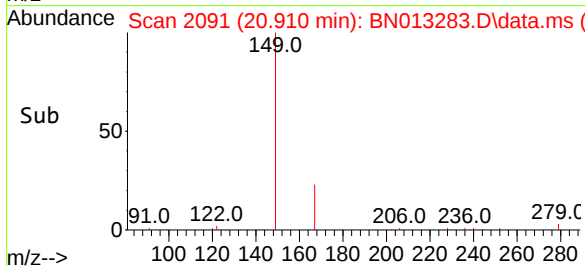
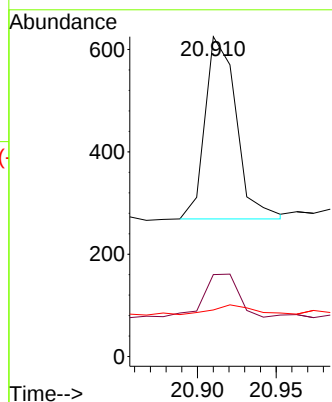
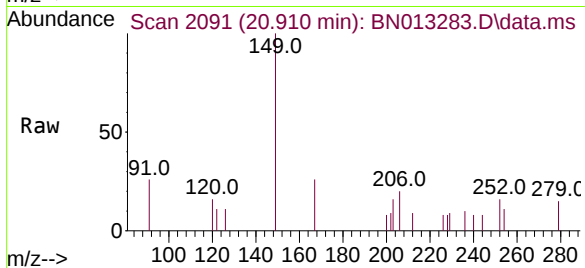




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.910 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

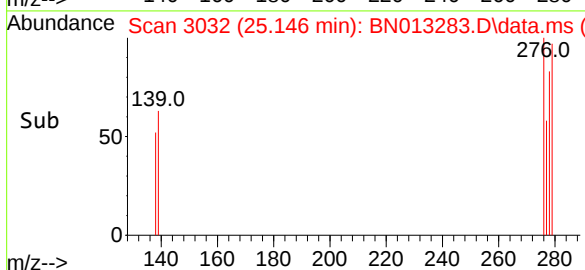
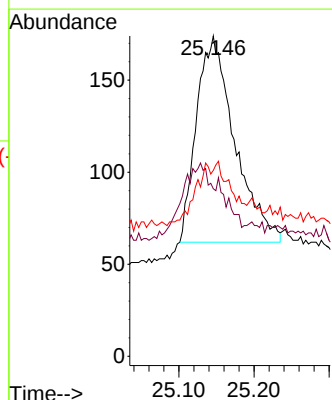
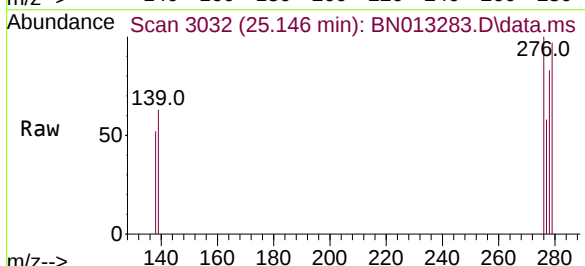
Instrument :
BNA_N
ClientSampleId :
RE123D1-20201214

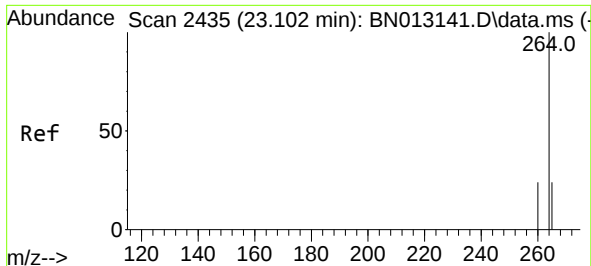
Tgt Ion:149 Resp: 493
Ion Ratio Lower Upper
149 100
167 24.7 23.2 34.8
279 6.7 3.9 5.9#



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.146 min Scan# 3032
Delta R.T. 0.024 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion:276 Resp: 394
Ion Ratio Lower Upper
276 100
138 0.0 13.3 19.9#
277 0.0 20.2 30.4#

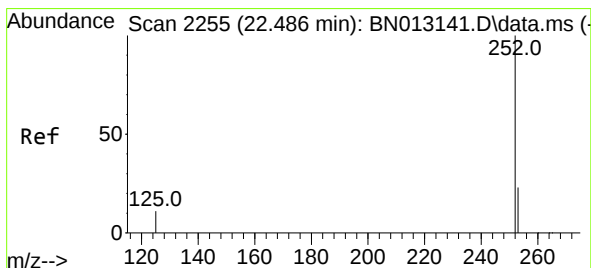
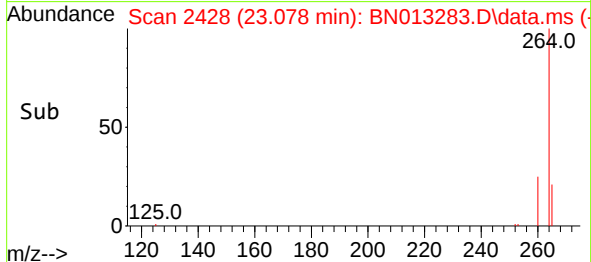
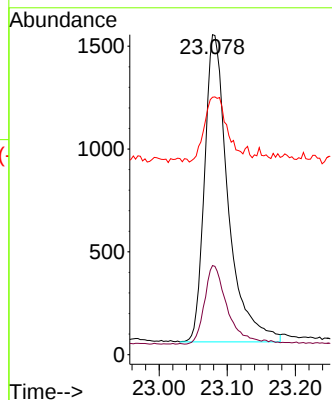
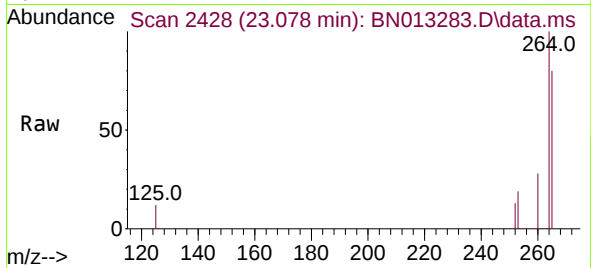




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.078 min Scan# 2428
 Delta R.T. -0.007 min
 Lab File: BN013283.D
 Acq: 22 Dec 2020 22:25

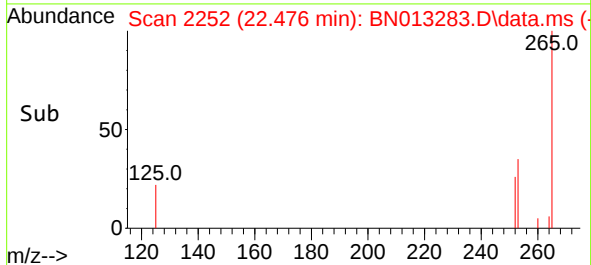
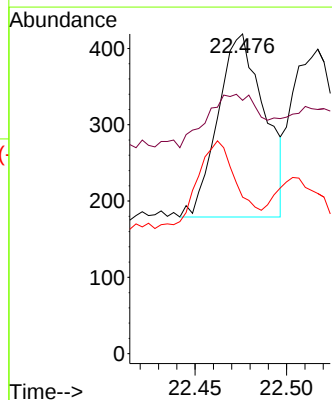
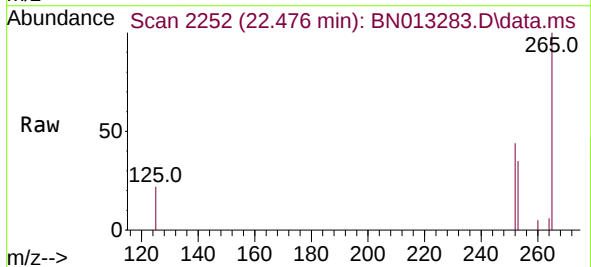
Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20201214

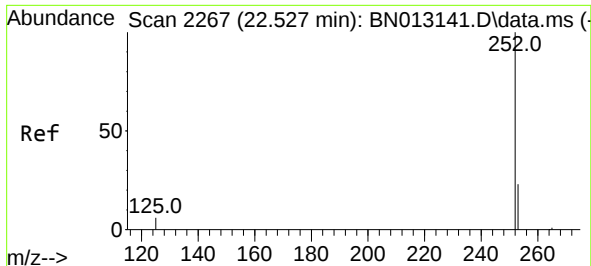
Tgt Ion:264 Resp: 3600
 Ion Ratio Lower Upper
 264 100
 260 27.8 19.8 29.6
 265 80.5 51.4 77.0#



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.476 min Scan# 2252
 Delta R.T. 0.003 min
 Lab File: BN013283.D
 Acq: 22 Dec 2020 22:25

Tgt Ion:252 Resp: 426
 Ion Ratio Lower Upper
 252 100
 253 79.2 20.1 30.1#
 125 48.9 7.2 10.8#

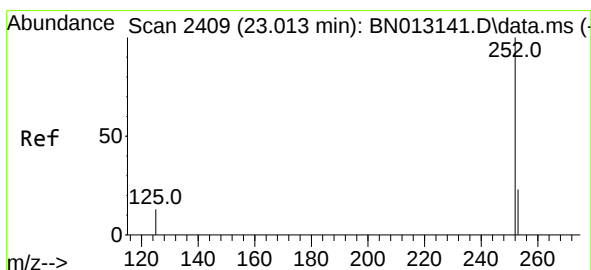
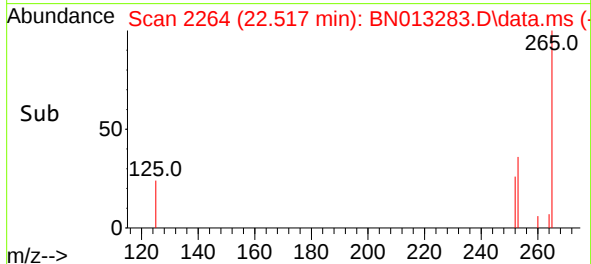
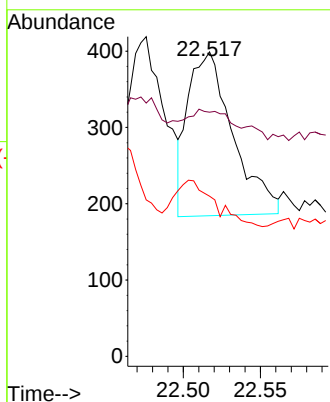
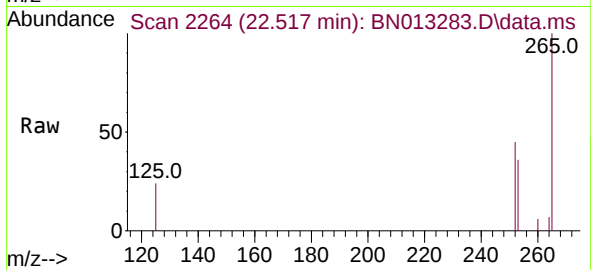




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.517 min Scan# 2264
Delta R.T. 0.003 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

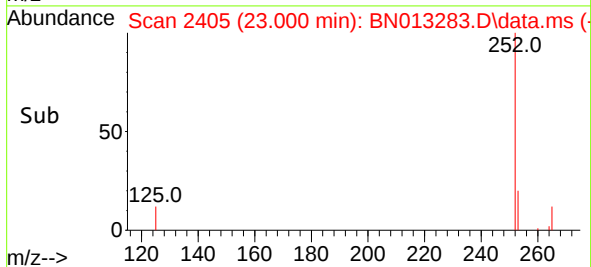
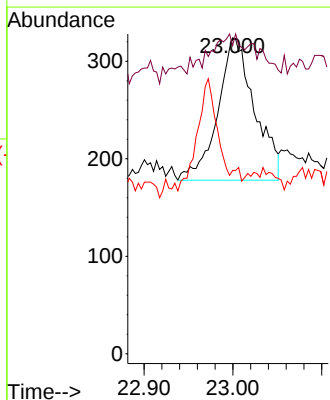
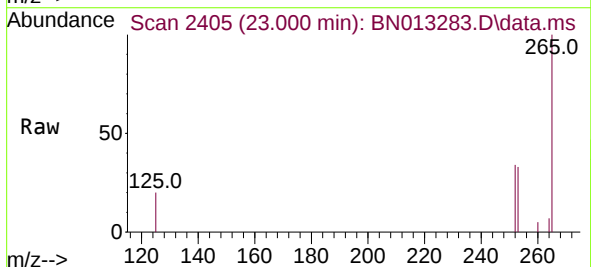
Instrument :
BNA_N
ClientSampleId :
RE123D1-20201214

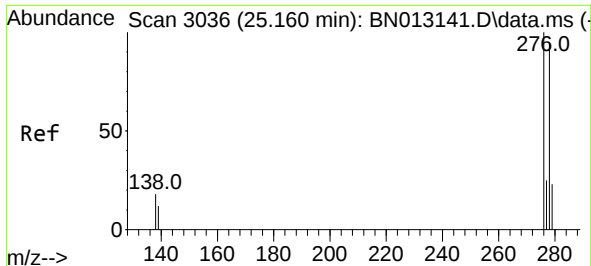
Tgt Ion:252 Resp: 435
Ion Ratio Lower Upper
252 100
253 80.2 19.8 29.8#
125 52.6 7.1 10.7#



#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.000 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion:252 Resp: 422
Ion Ratio Lower Upper
252 100
253 97.5 21.3 31.9#
125 58.0 8.3 12.5#

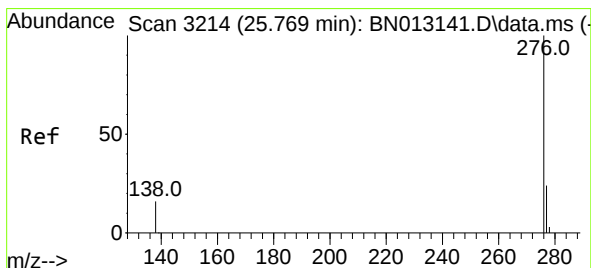
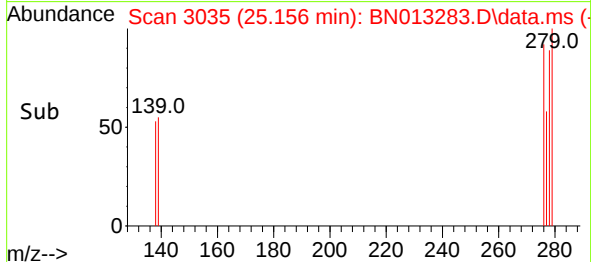
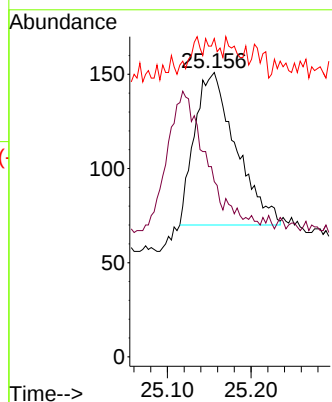
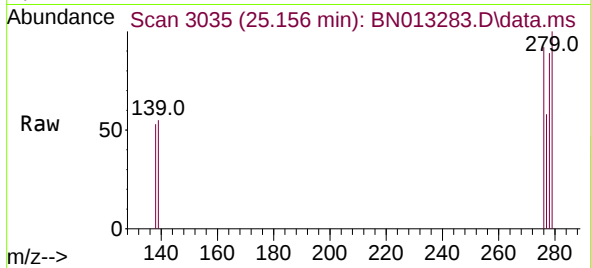




#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.156 min Scan# 3035
Delta R.T. 0.024 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Instrument :
BNA_N
ClientSampleId :
RE123D1-20201214

Tgt Ion:278 Resp: 278
Ion Ratio Lower Upper
278 100
139 61.6 9.3 13.9#
279 111.9 21.6 32.4#



#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 25.752 min Scan# 3209
Delta R.T. 0.010 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion:276 Resp: 569
Ion Ratio Lower Upper
276 100
277 55.1 19.8 29.8#
138 42.9 11.7 17.5#

