

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013279.D
 Acq On : 22 Dec 2020 18:48
 Operator : CG/JU
 Sample : PB133673BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB133673BL

Quant Time: Dec 23 00:53:49 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)

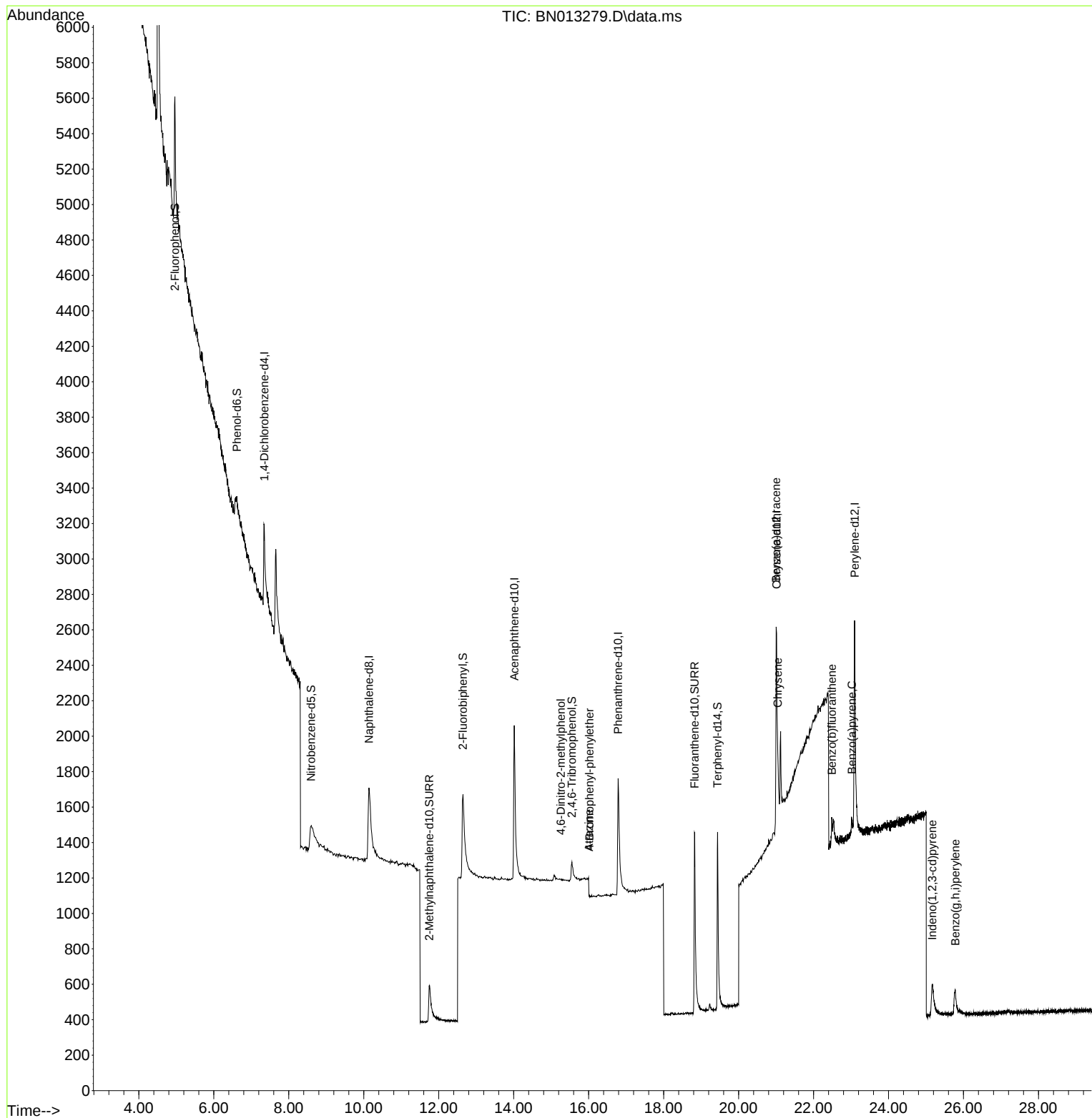
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	568	0.40	ng	# 0.02
7) Naphthalene-d8	10.137	136	1693	0.40	ng	# 0.04
13) Acenaphthene-d10	14.016	164	1035	0.40	ng	0.03
19) Phenanthrene-d10	16.787	188	2204	0.40	ng	# 0.02
29) Chrysene-d12	21.013	240	1922	0.40	ng	# 0.02
36) Perylene-d12	23.096	264	2215	0.40	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	756	0.32	ng	0.00
5) Phenol-d6	6.613	99	448	0.19	ng	0.07
8) Nitrobenzene-d5	8.591	82	414	0.24	ng	0.09
11) 2-Methylnaphthalene-d10	11.746	152	866	0.29	ng	0.04
14) 2,4,6-Tribromophenol	15.551	330	158	0.24	ng	0.03
15) 2-Fluorobiphenyl	12.646	172	1137	0.26	ng	0.04
27) Fluoranthene-d10	18.828	212	2269	0.31	ng	0.01
31) Terphenyl-d14	19.439	244	1836	0.38	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.260	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.020	248	201	0.47	ng	# 79
23) Atrazine	16.008	200	34	0.03	ng	# 1
32) Benzo(a)anthracene	21.003	228	172	0.03	ng	# 37
33) Chrysene	21.045	228	199	0.03	ng	# 54
34) Bis(2-ethylhexyl)phtha...	20.929	149	35	Below Cal		# 74
35) Indeno(1,2,3-cd)pyrene	25.164	276	253	0.03	ng	# 54
37) Benzo(b)fluoranthene	22.490	252	204	0.03	ng	# 1
39) Benzo(a)pyrene	23.021	252	206	0.03	ng	# 1
41) Benzo(g,h,i)perylene	25.780	276	411	0.05	ng	# 28

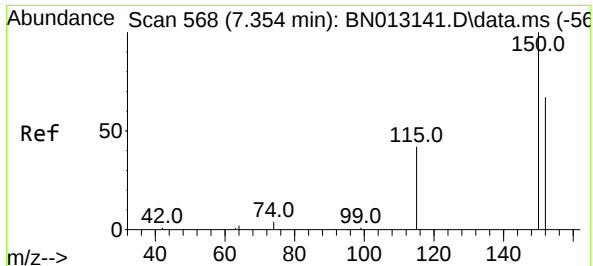
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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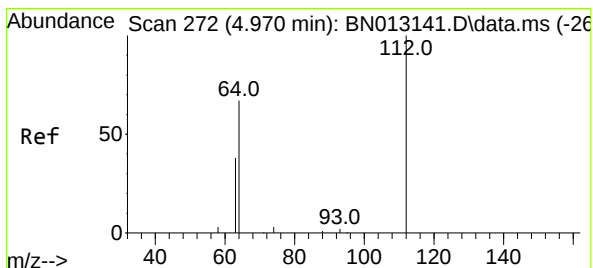
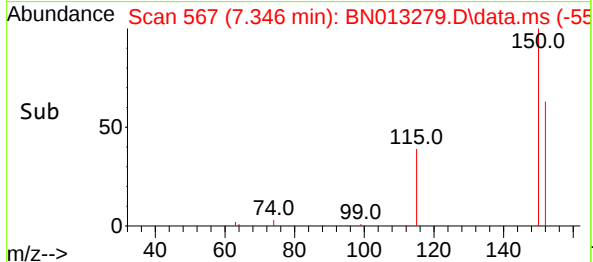
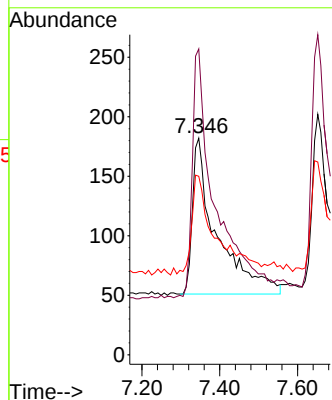
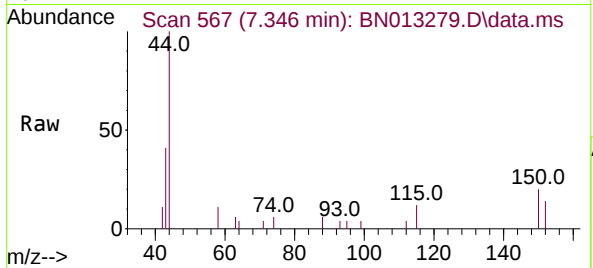




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. 0.016 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

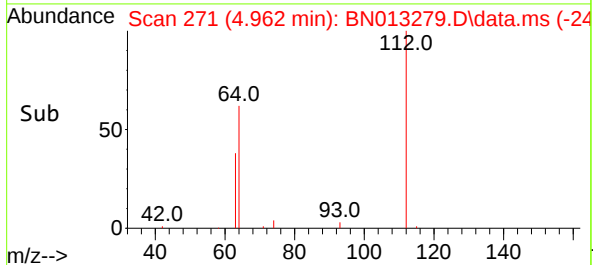
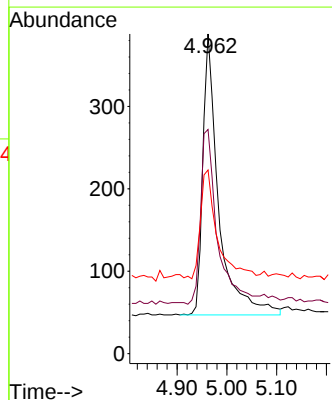
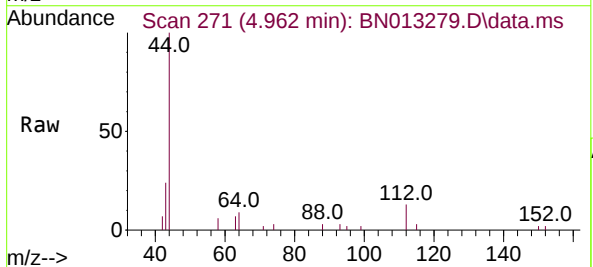
Instrument :
BNA_N
ClientSampleId :
PB133673BL

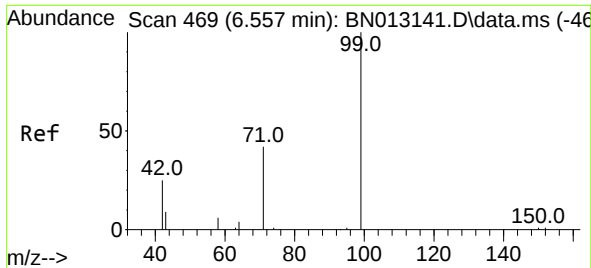
Tgt Ion:152 Resp: 568
Ion Ratio Lower Upper
152 100
150 141.2 116.6 174.8
115 82.4 52.9 79.3#



#4
2-Fluorophenol
Concen: 0.32 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

Tgt Ion:112 Resp: 756
Ion Ratio Lower Upper
112 100
64 66.0 49.5 74.3
63 41.4 32.0 48.0

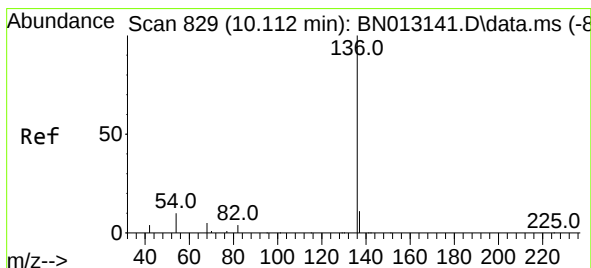
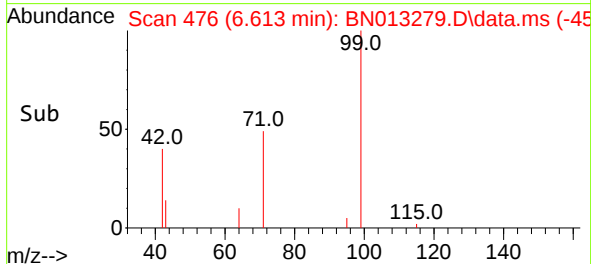
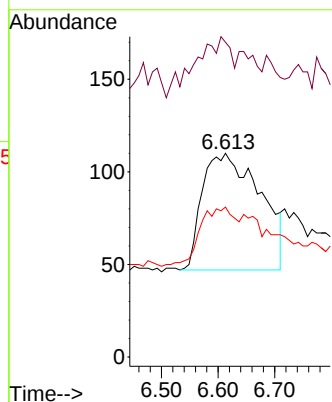
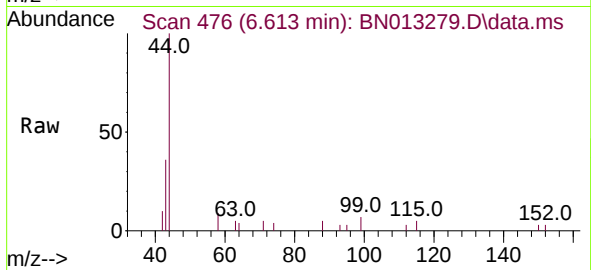




#5
Phenol-d6
Concen: 0.19 ng
RT: 6.613 min Scan# 476
Delta R.T. 0.072 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

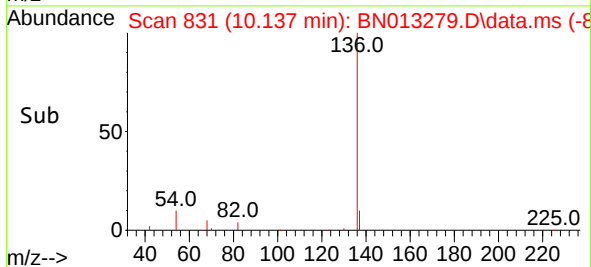
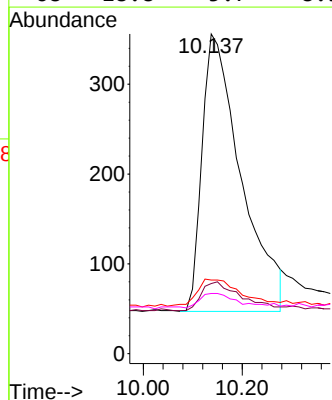
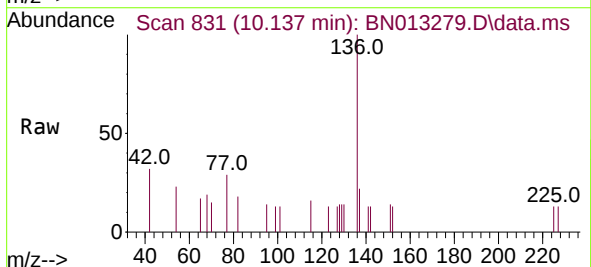
Instrument :
BNA_N
ClientSampleId :
PB133673BL

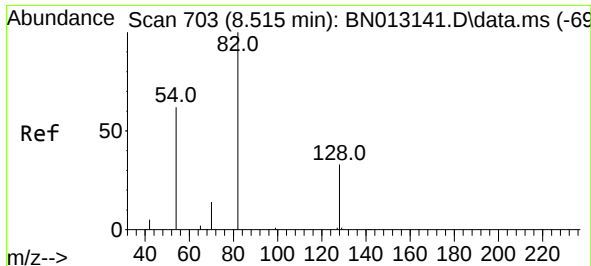
Tgt Ion: 99 Resp: 448
Ion Ratio Lower Upper
99 100
42 32.8 22.4 33.6
71 31.7 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.038 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

Tgt Ion: 136 Resp: 1693
Ion Ratio Lower Upper
136 100
137 21.9 10.6 15.8#
54 23.0 8.6 12.8#
68 18.8 5.7 8.5#

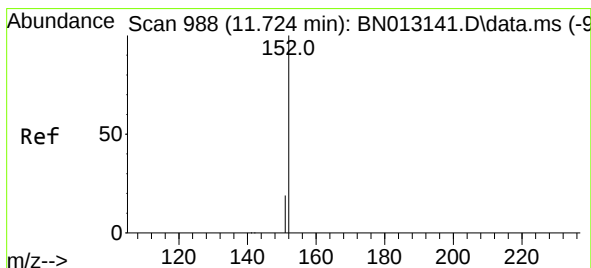
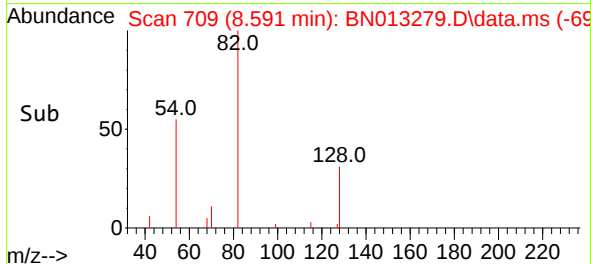
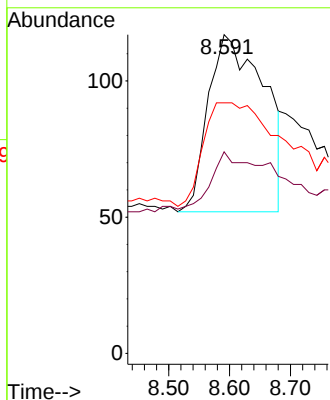
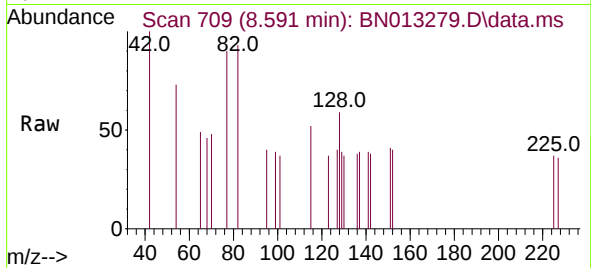




#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.089 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

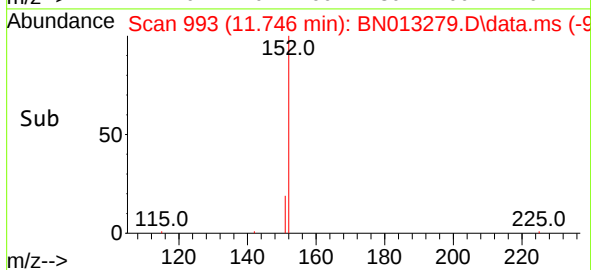
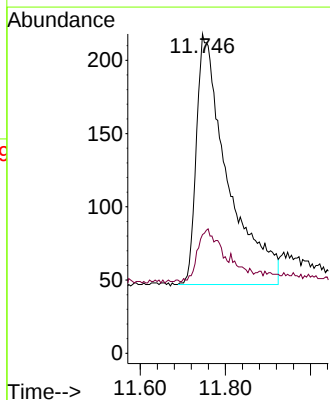
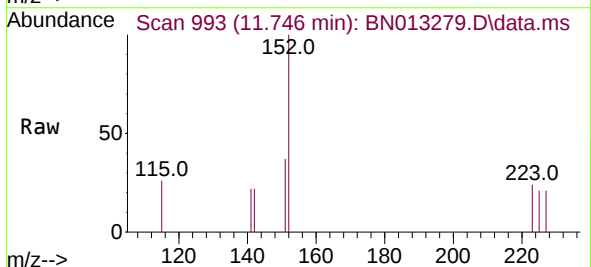
Instrument :
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ClientSampleId :
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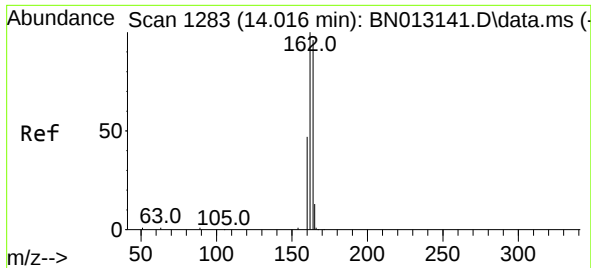
Tgt Ion: 82 Resp: 414
Ion Ratio Lower Upper
82 100
128 63.2 30.6 46.0#
54 78.6 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.040 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

Tgt Ion: 152 Resp: 866
Ion Ratio Lower Upper
152 100
151 15.2 16.7 25.1#

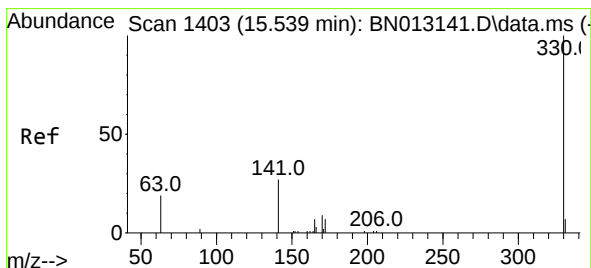
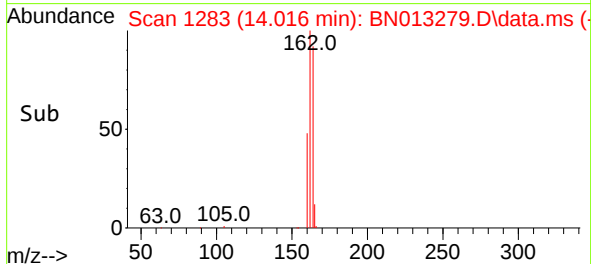
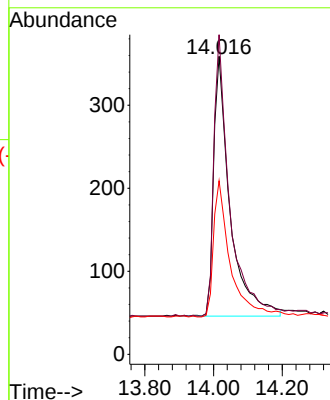
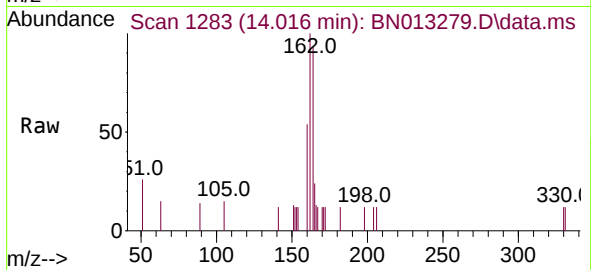




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.025 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

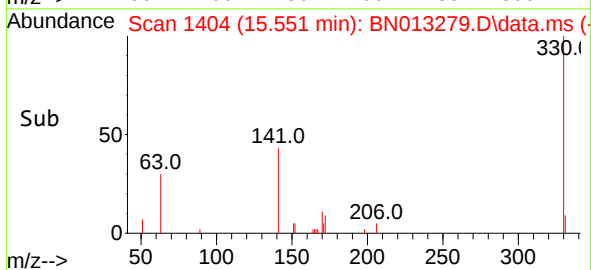
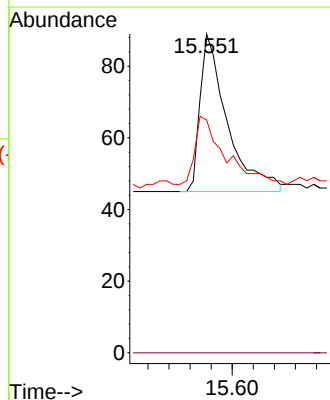
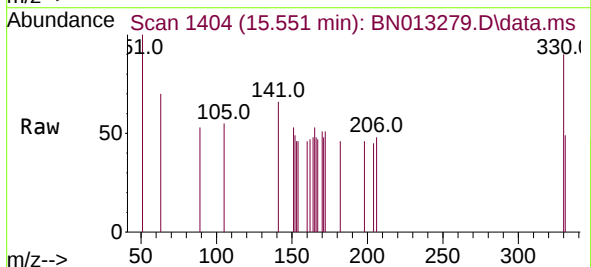
Instrument :
BNA_N
ClientSampleId :
PB133673BL

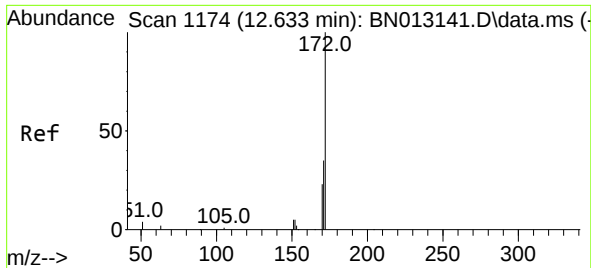
Tgt Ion:	164	Resp:	1035
Ion	Ratio	Lower	Upper
164	100		
162	107.2	80.6	120.8
160	58.2	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.025 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

Tgt Ion:	330	Resp:	158
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.5	34.4	51.6

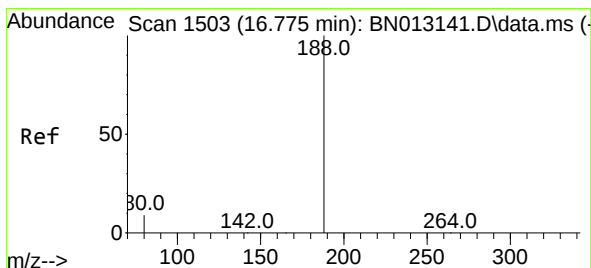
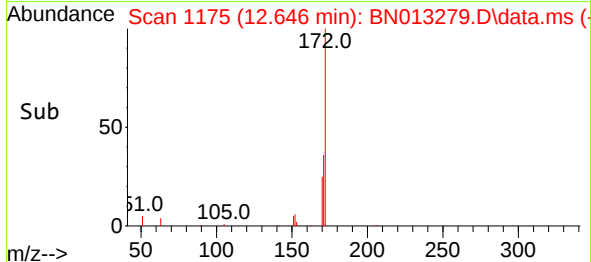
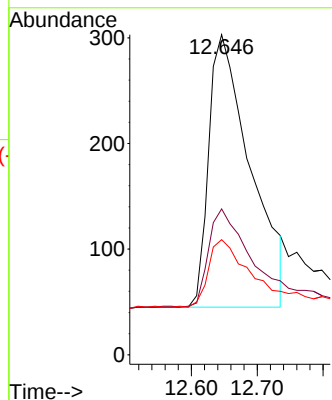
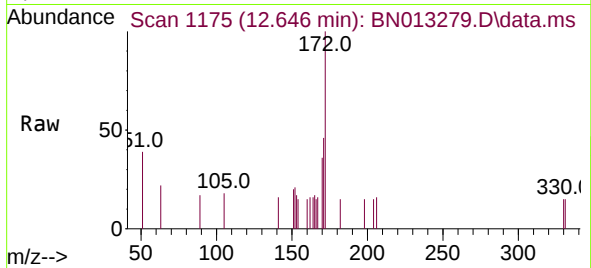




#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.038 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

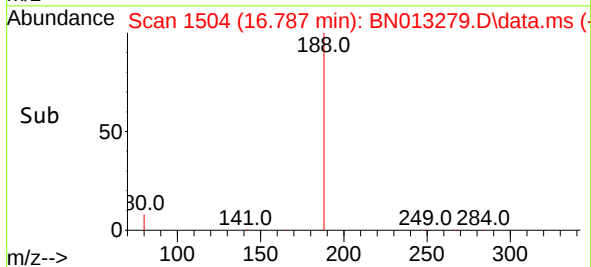
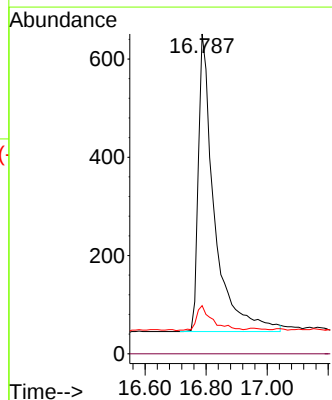
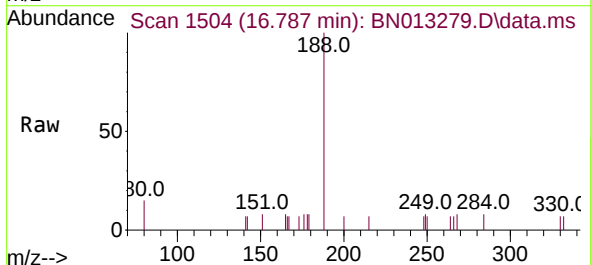
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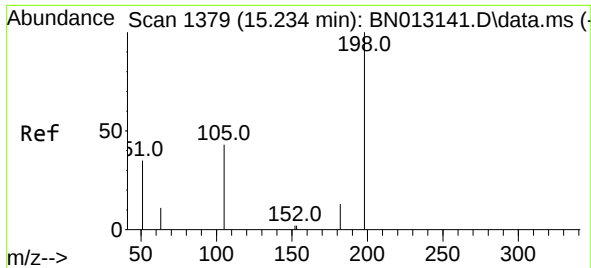
Tgt Ion:	172	Resp:	1137
Ion	Ratio	Lower	Upper
172	100		
171	45.5	28.2	42.4#
170	36.0	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.024 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

Tgt Ion:	188	Resp:	2204
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.1	5.0	7.4#

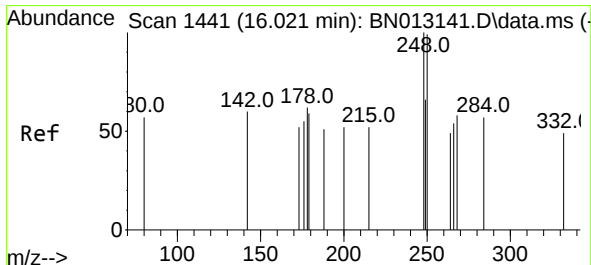
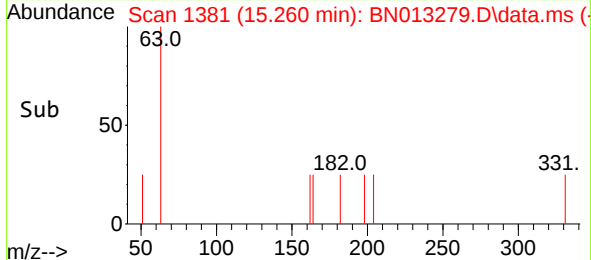
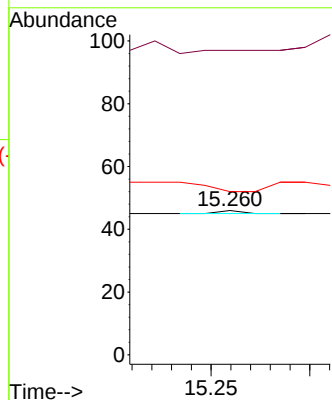
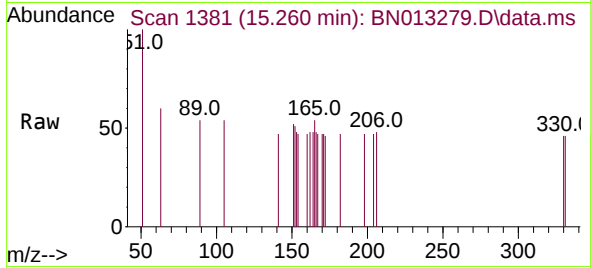




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.260 min Scan# 1381
Delta R.T. 0.038 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

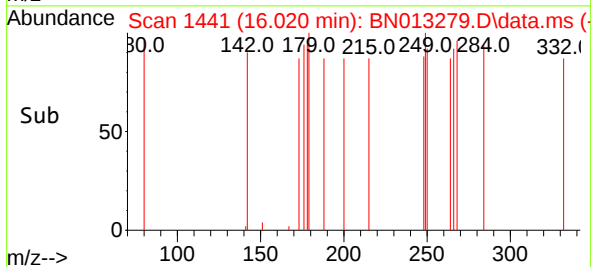
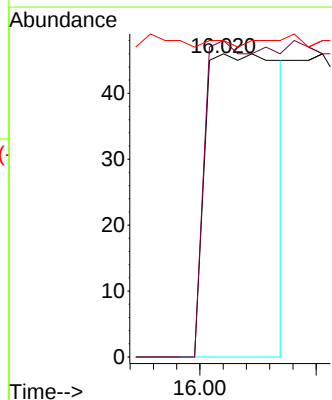
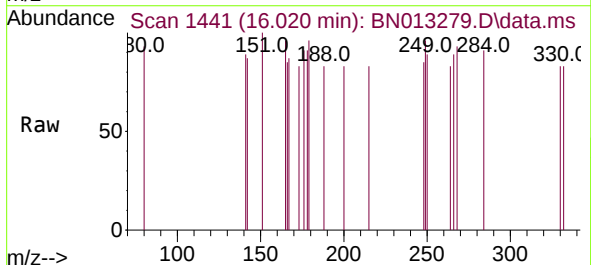
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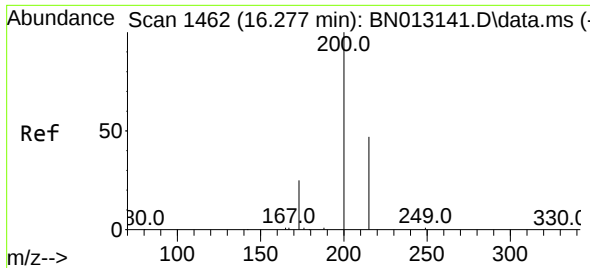
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 210.9 43.5 65.3#
105 113.0 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.47 ng
RT: 16.020 min Scan# 1441
Delta R.T. -0.001 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

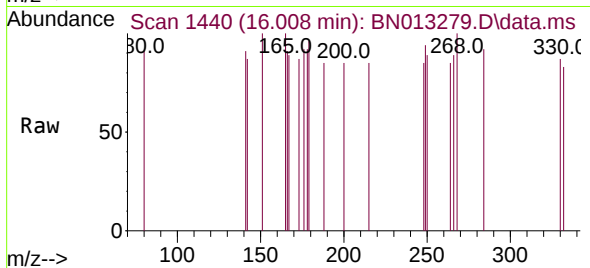
Tgt Ion:248 Resp: 201
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 104.3 57.8 86.8#



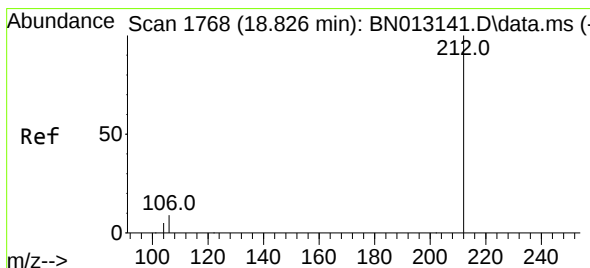
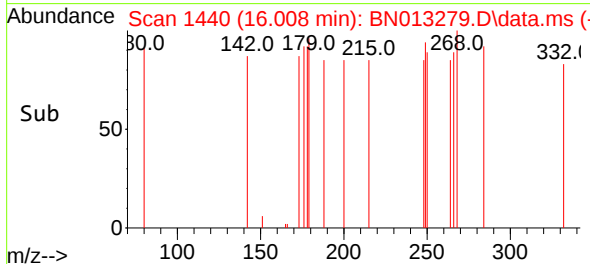
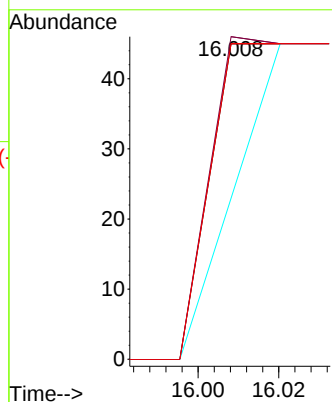


#23
Atrazine
Concen: 0.03 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.256 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

Instrument :
BNA_N
ClientSampleId :
PB133673BL

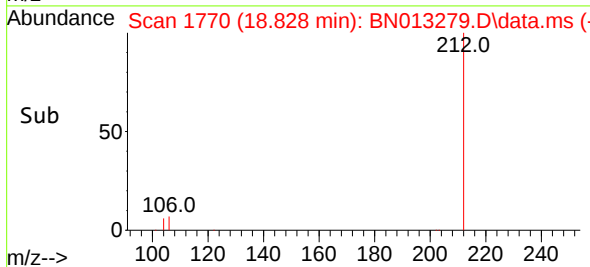
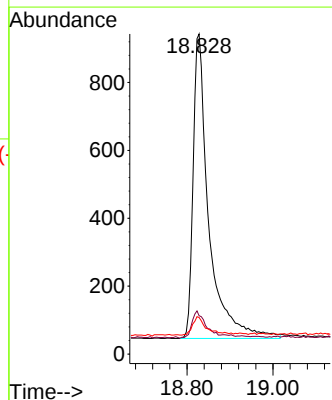
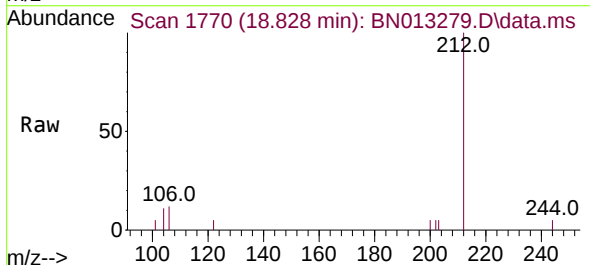


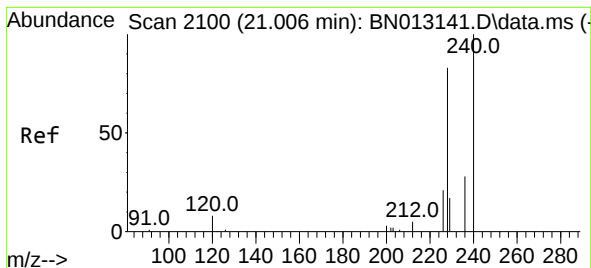
Tgt Ion:200 Resp: 34
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 100.0 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.012 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

Tgt Ion:212 Resp: 2269
Ion Ratio Lower Upper
212 100
106 7.9 6.8 10.2
104 5.5 4.1 6.1





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.013 min Scan# 2102

Delta R.T. 0.018 min

Lab File: BN013279.D

Acq: 22 Dec 2020 18:48

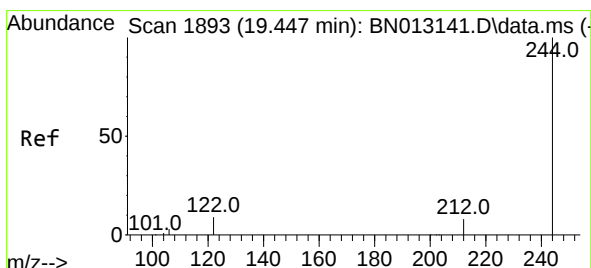
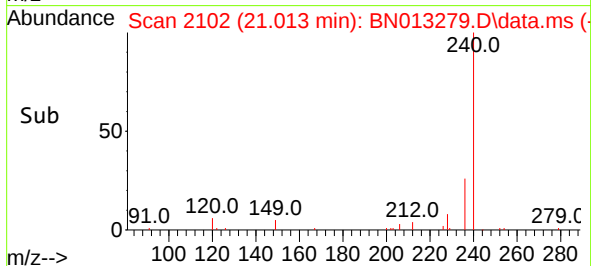
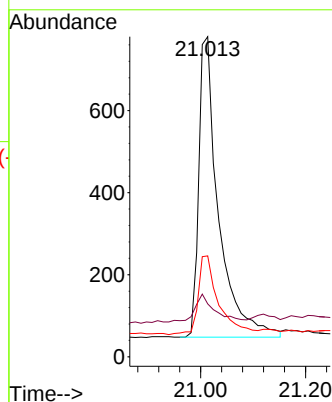
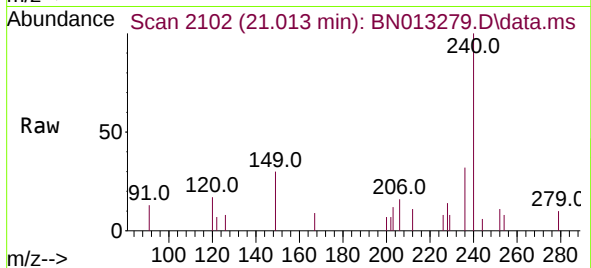
Tgt Ion:240 Resp: 1922

Ion Ratio Lower Upper

240 100

120 16.5 5.3 7.9#

236 31.5 21.8 32.8



#31

Terphenyl-d14

Concen: 0.38 ng

RT: 19.439 min Scan# 1893

Delta R.T. 0.007 min

Lab File: BN013279.D

Acq: 22 Dec 2020 18:48

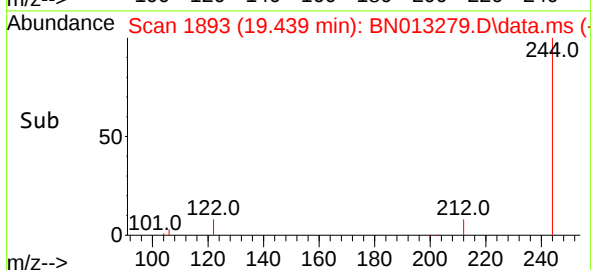
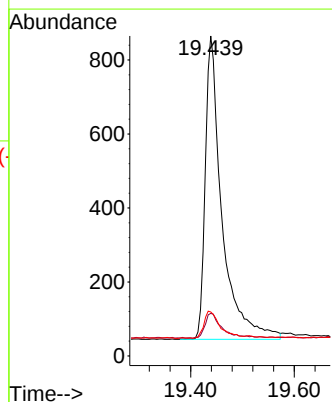
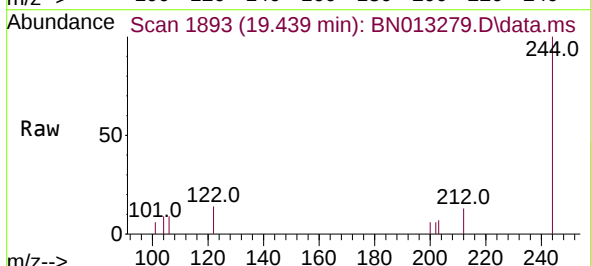
Tgt Ion:244 Resp: 1836

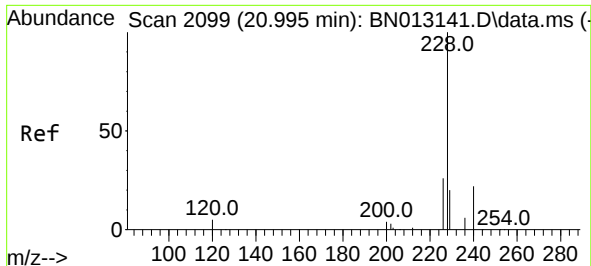
Ion Ratio Lower Upper

244 100

212 13.3 7.3 10.9#

122 13.8 7.3 10.9#

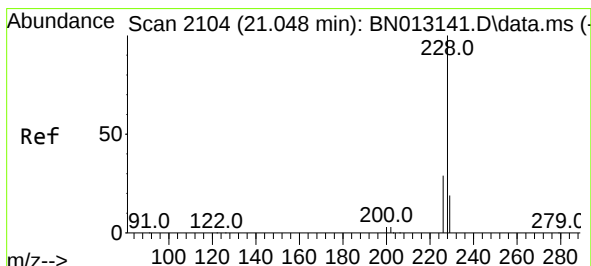
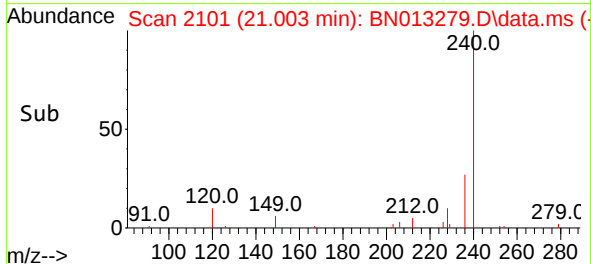
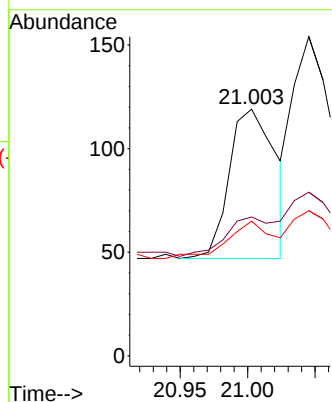
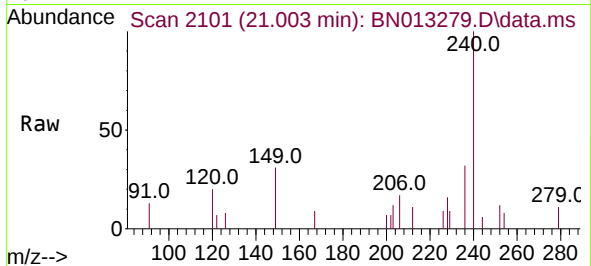




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.003 min Scan# 2101
Delta R.T. 0.018 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

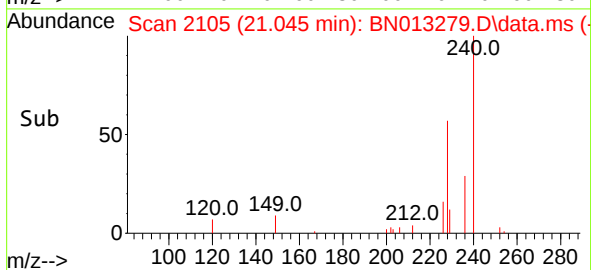
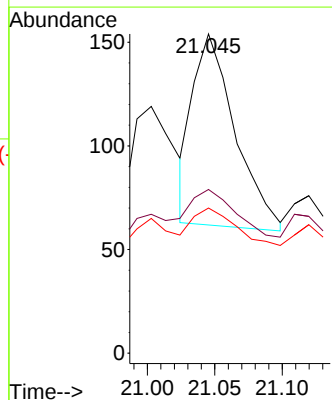
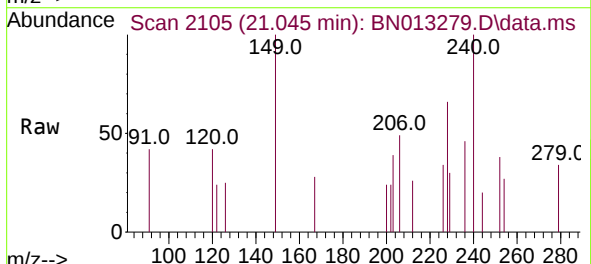
Instrument :
BNA_N
ClientSampleId :
PB133673BL

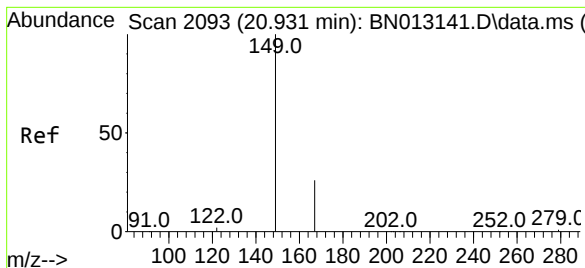
Tgt Ion:228 Resp: 172
Ion Ratio Lower Upper
228 100
226 56.3 22.3 33.5#
229 54.6 15.7 23.5#



#33
Chrysene
Concen: 0.03 ng
RT: 21.045 min Scan# 2105
Delta R.T. 0.008 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

Tgt Ion:228 Resp: 199
Ion Ratio Lower Upper
228 100
226 51.3 24.2 36.2#
229 45.5 15.7 23.5#

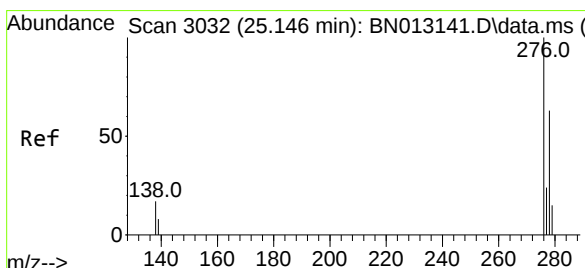
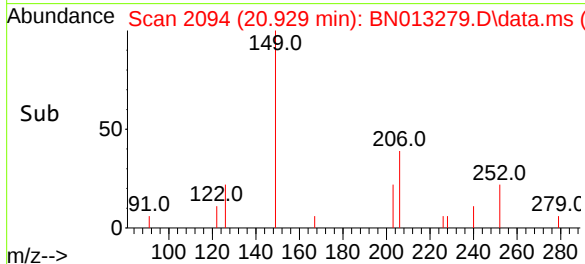
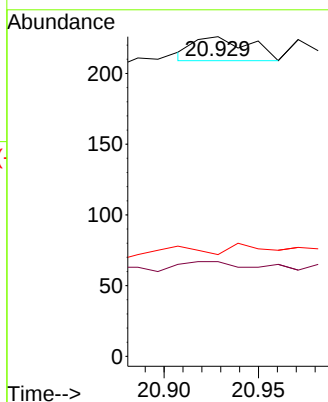
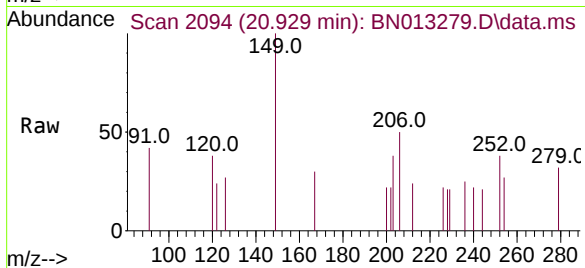




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. 0.008 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

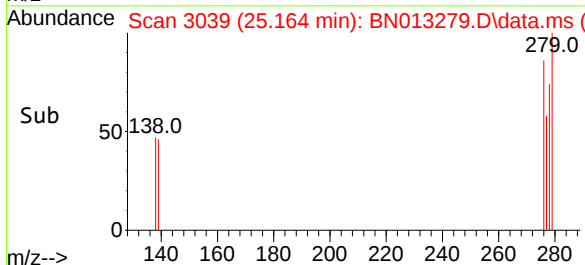
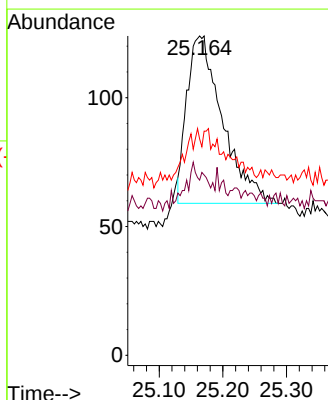
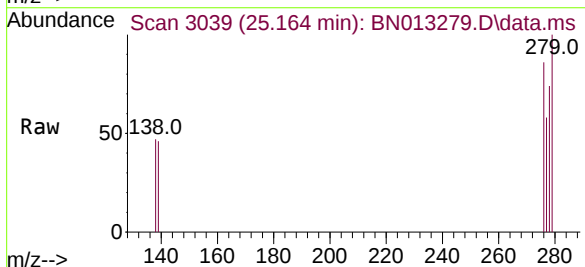
Instrument :
BNA_N
ClientSampleId :
PB133673BL

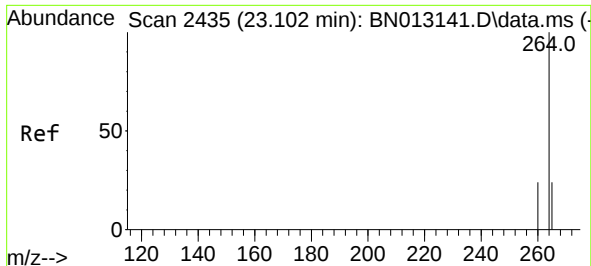
Tgt Ion:149 Resp: 35
Ion Ratio Lower Upper
149 100
167 14.3 23.2 34.8#
279 0.0 3.9 5.9#



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.164 min Scan# 3039
Delta R.T. 0.042 min
Lab File: BN013279.D
Acq: 22 Dec 2020 18:48

Tgt Ion:276 Resp: 253
Ion Ratio Lower Upper
276 100
138 0.0 13.3 19.9#
277 0.0 20.2 30.4#

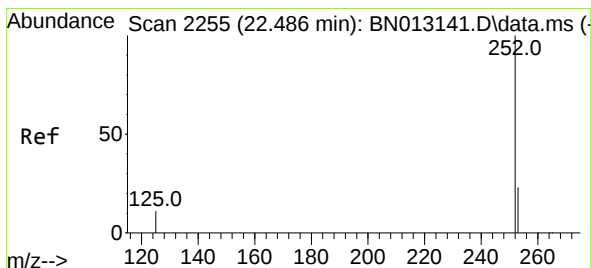
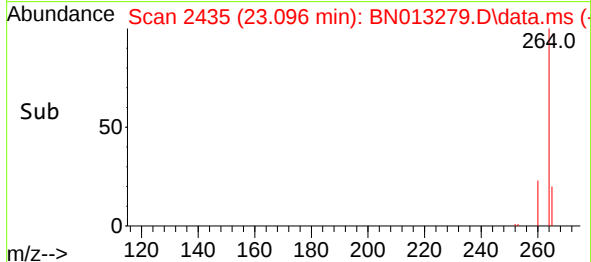
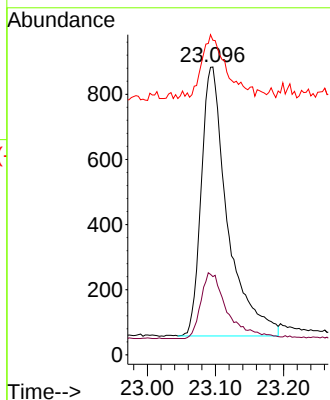
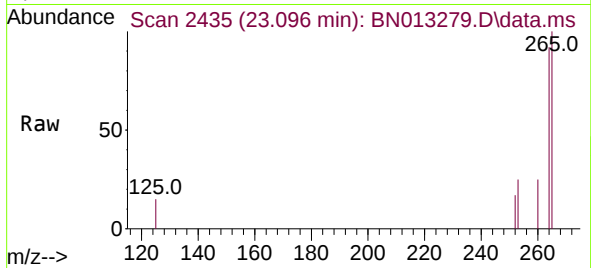




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.096 min Scan# 2435
 Delta R.T. 0.011 min
 Lab File: BN013279.D
 Acq: 22 Dec 2020 18:48

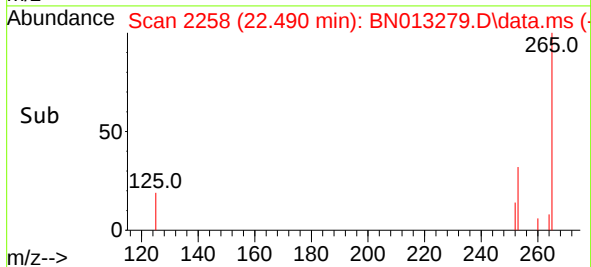
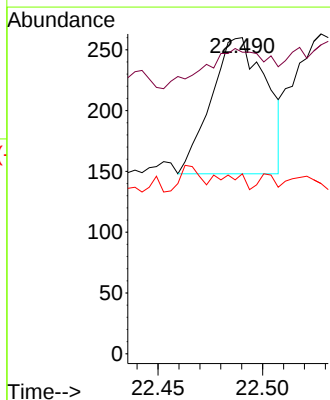
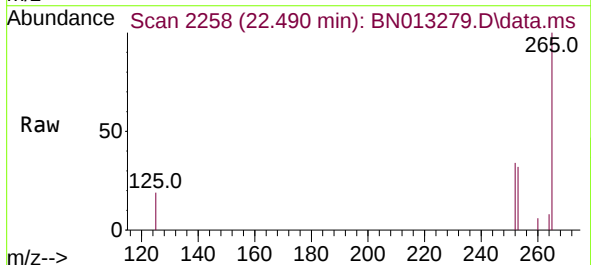
Instrument :
 BNA_N
 ClientSampleId :
 PB133673BL

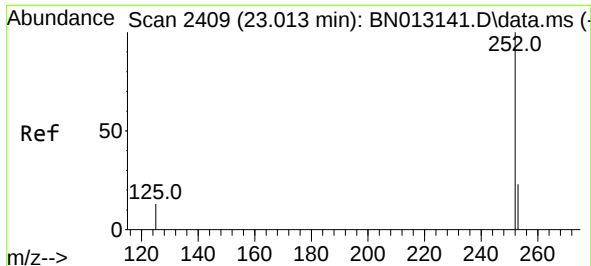
Tgt Ion:264	Resp:	2215
Ion Ratio	Lower	Upper
264	100	
260	27.1	19.8 29.6
265	109.3	51.4 77.0#



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.490 min Scan# 2258
 Delta R.T. 0.018 min
 Lab File: BN013279.D
 Acq: 22 Dec 2020 18:48

Tgt Ion:252	Resp:	204
Ion Ratio	Lower	Upper
252	100	
253	95.4	20.1 30.1#
125	56.9	7.2 10.8#





#39

Benzo(a)pyrene

Concen: 0.03 ng

RT: 23.021 min Scan# 2413

Delta R.T. 0.021 min

Lab File: BN013279.D

Acq: 22 Dec 2020 18:48

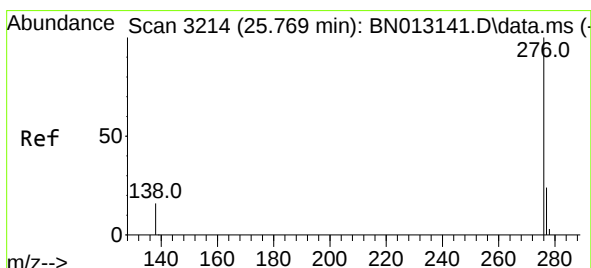
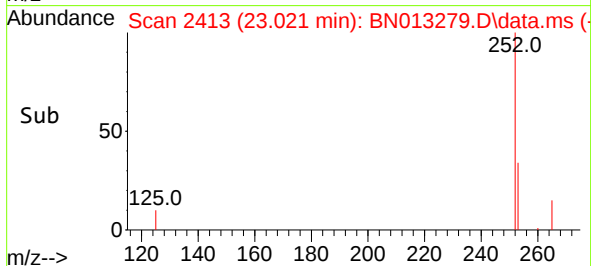
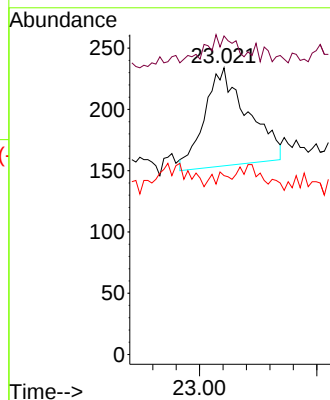
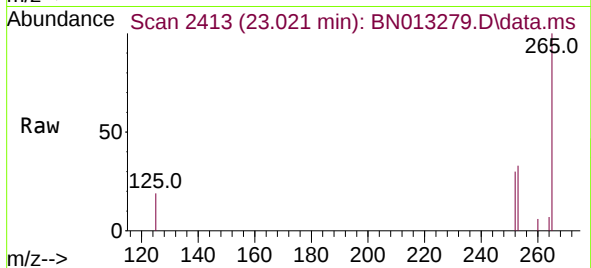
Tgt Ion:252	Resp:	206
Ion Ratio	Lower	Upper
252	100	
253	111.1	21.3 31.9#
125	62.4	8.3 12.5#

Instrument :

BNA_N

ClientSampleId :

PB133673BL



#41

Benzo(g,h,i)perylene

Concen: 0.05 ng

RT: 25.780 min Scan# 3219

Delta R.T. 0.038 min

Lab File: BN013279.D

Acq: 22 Dec 2020 18:48

Tgt Ion:276	Resp:	411
Ion Ratio	Lower	Upper
276	100	
277	59.3	19.8 29.8#
138	46.7	11.7 17.5#

