

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092820\
 Data File : BN012009.D
 Acq On : 29 Sep 2020 07:30
 Operator : CG/JU
 Sample : L4116-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200922

Quant Time: Sep 29 08:03:46 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 11:18:41 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

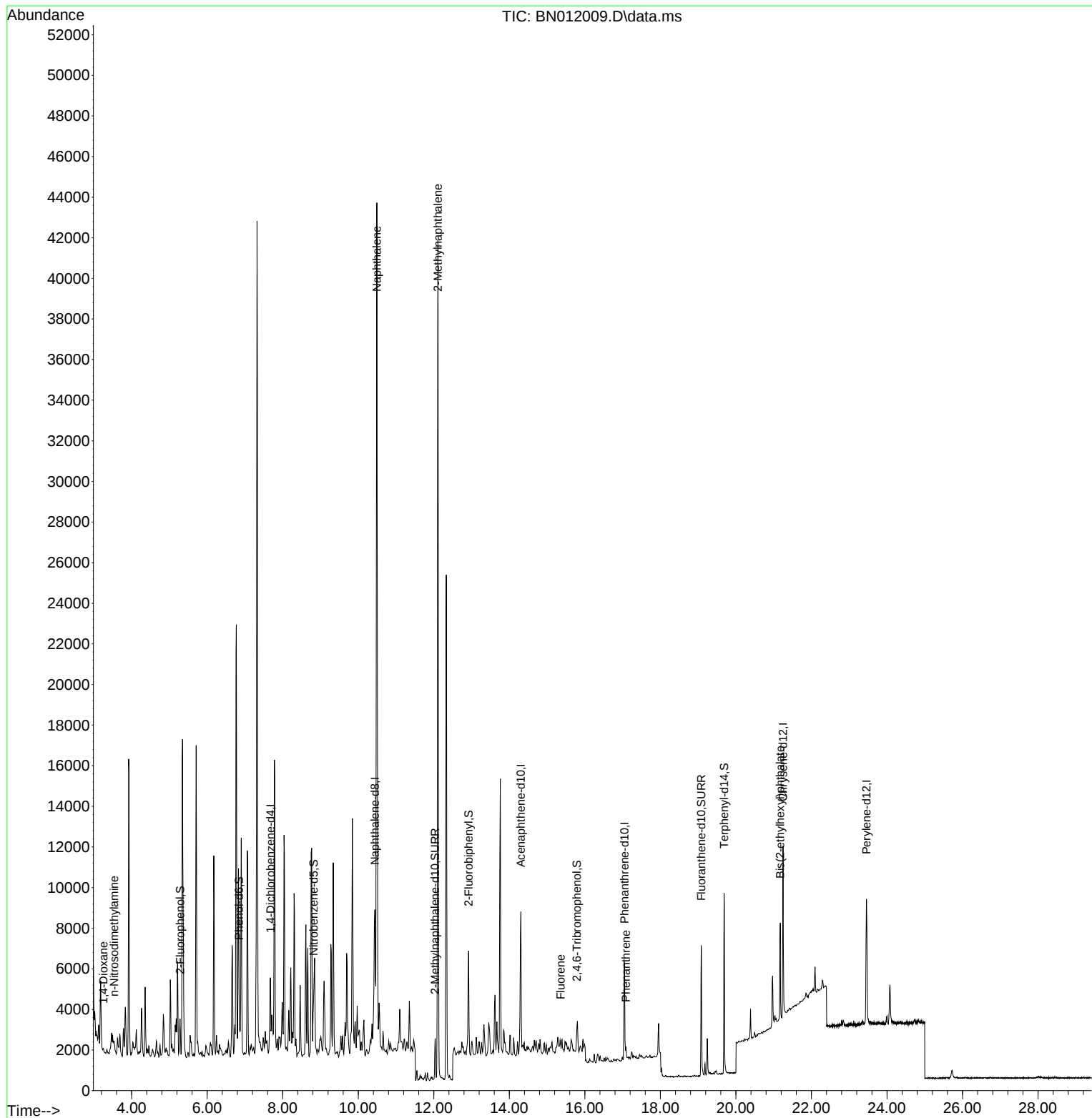
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	1566	0.40	ng	0.00
7) Naphthalene-d8	10.440	136	6960	0.40	ng	#-0.01
13) Acenaphthene-d10	14.306	164	3925	0.40	ng	0.00
19) Phenanthrene-d10	17.053	188	7678	0.40	ng	# 0.00
29) Chrysene-d12	21.248	240	7843	0.40	ng	#-0.01
36) Perylene-d12	23.456	264	8335	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	633	0.12	ng	0.00
5) Phenol-d6	6.845	99	491	0.07	ng	0.00
8) Nitrobenzene-d5	8.818	82	2003	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.033	152	2844	0.26	ng	-0.01
14) 2,4,6-Tribromophenol	15.791	330	706	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.923	172	4171	0.28	ng	-0.01
27) Fluoranthene-d10	19.082	212	7536	0.33	ng	0.00
31) Terphenyl-d14	19.688	244	8843	0.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	113	0.04	ng	# 1
3) n-Nitrosodimethylamine	3.535	42	167	0.04	ng	# 23
9) Naphthalene	10.491	128	46942	2.35	ng	99
12) 2-Methylnaphthalene	12.109	142	27062	2.13	ng	# 94
18) Fluorene	15.359	166	338	0.02	ng	# 71
25) Phenanthrene	17.090	178	609	0.03	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.174	149	4517	0.25	ng	# 90

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

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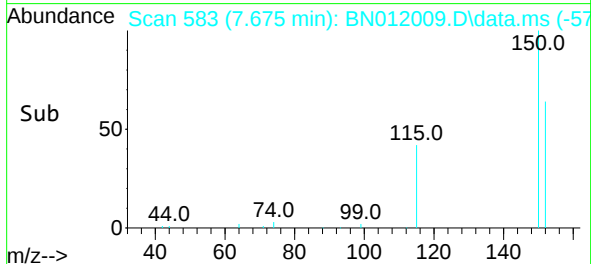
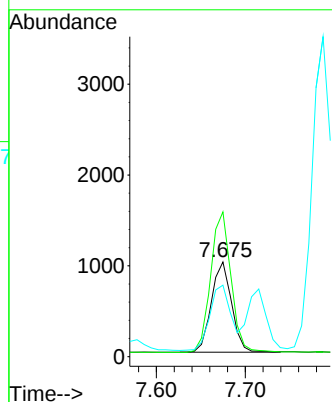
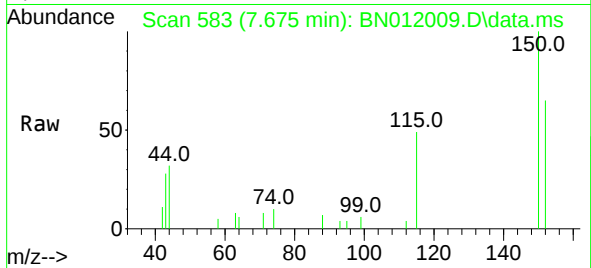




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.675 min Scan# 583
 Delta R.T. -0.008 min
 Lab File: BN012009.D
 Acq: 29 Sep 2020 07:30

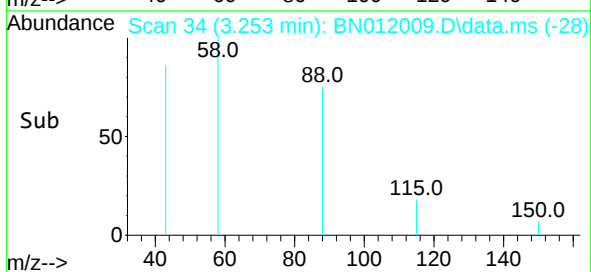
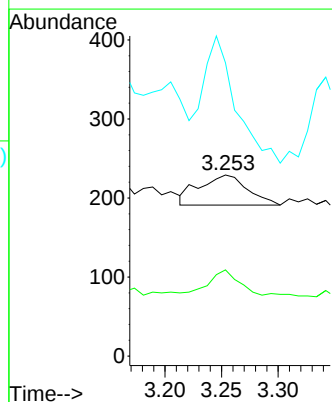
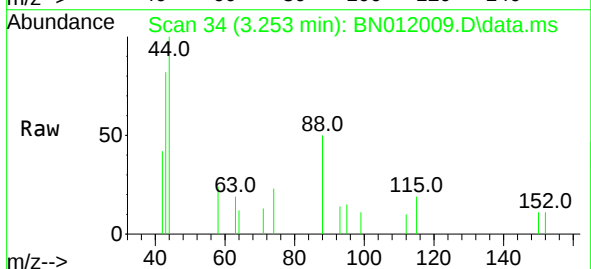
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200922

Tgt Ion:152 Resp: 1566
 Ion Ratio Lower Upper
 152 100
 150 152.9 118.3 177.5
 115 75.6 51.3 76.9



#2
 1,4-Dioxane
 Concen: 0.04 ng
 RT: 3.253 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BN012009.D
 Acq: 29 Sep 2020 07:30

Tgt Ion: 88 Resp: 113
 Ion Ratio Lower Upper
 88 100
 58 57.5 63.3 94.9#
 43 287.6 33.0 49.4#

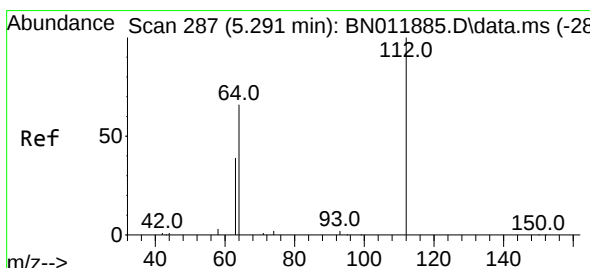
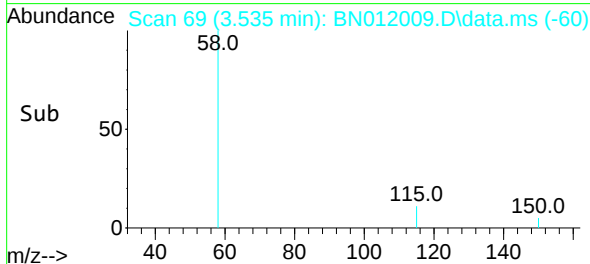
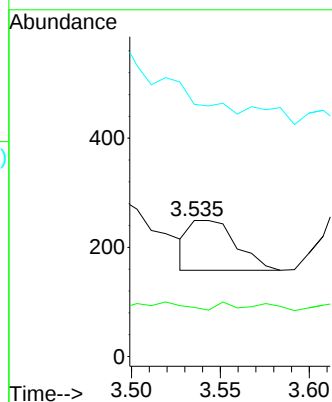
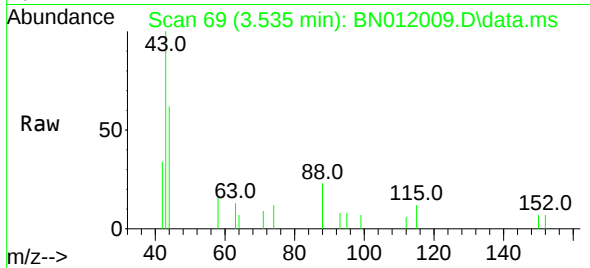




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.535 min Scan# 69
Delta R.T. -0.024 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

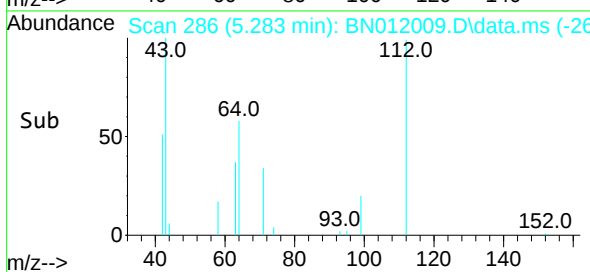
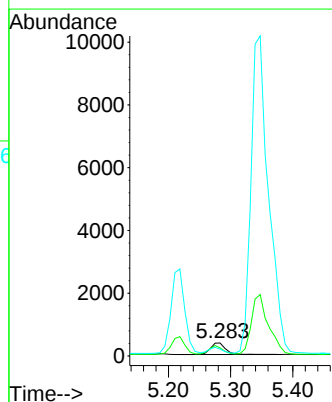
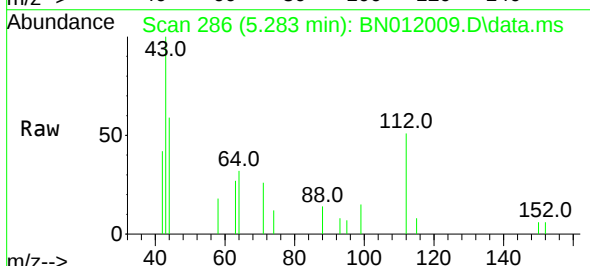
Instrument :
BNA_N
ClientSampleId :
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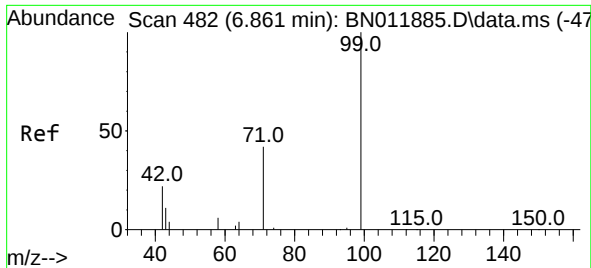
Tgt Ion: 42 Resp: 167
Ion Ratio Lower Upper
42 100
74 7.2 64.4 96.6#
44 0.0 6.7 10.1#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.283 min Scan# 286
Delta R.T. 0.000 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

Tgt Ion: 112 Resp: 633
Ion Ratio Lower Upper
112 100
64 65.7 49.0 73.6
63 0.0 31.8 47.6#

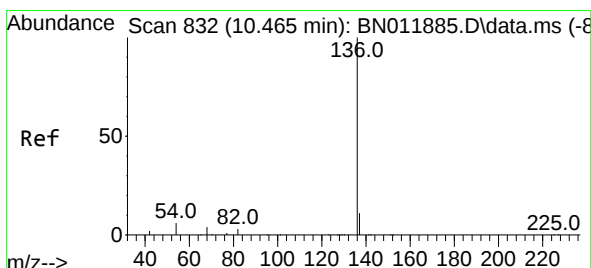
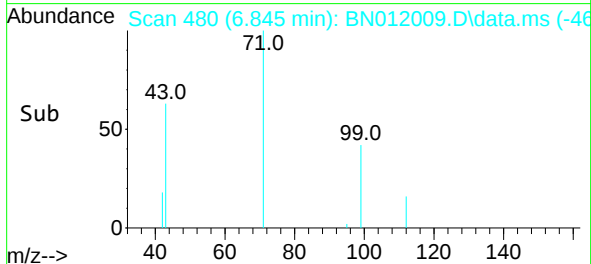
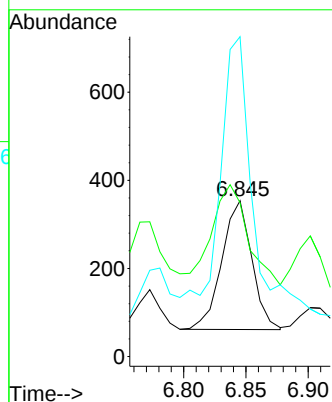
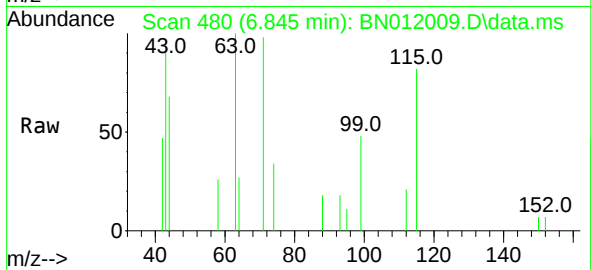




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.845 min Scan# 480
Delta R.T. -0.008 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

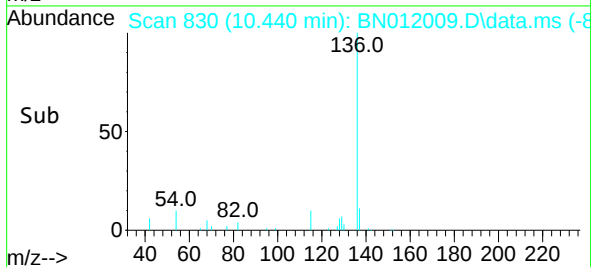
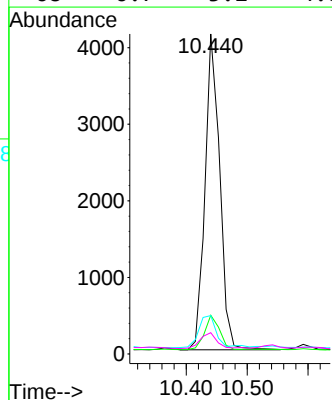
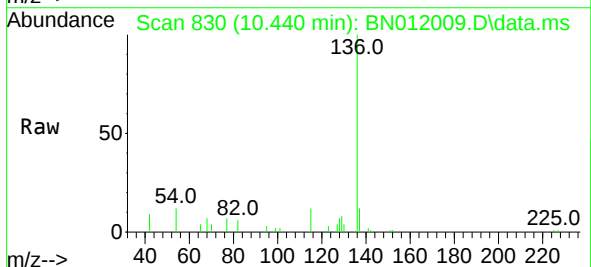
Instrument :
BNA_N
ClientSampleId :
KY038PS027-200922

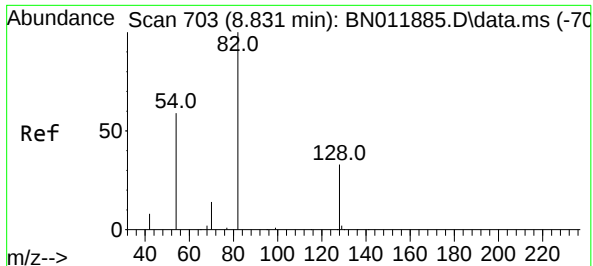
Tgt Ion:	99	Resp:	491
Ion	Ratio	Lower	Upper
99	100		
42	93.5	23.4	35.0#
71	243.4	38.1	57.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.440 min Scan# 830
Delta R.T. -0.013 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

Tgt Ion:	136	Resp:	6960
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	12.0	5.6	8.4#
68	6.7	3.2	4.8#

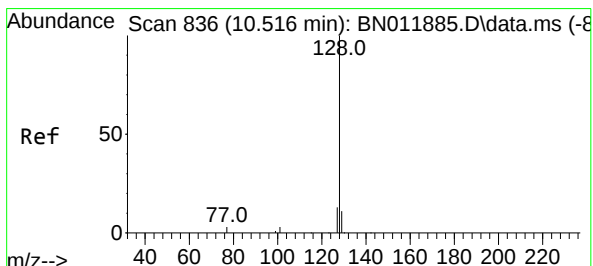
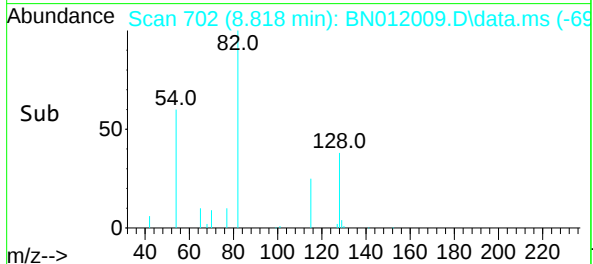
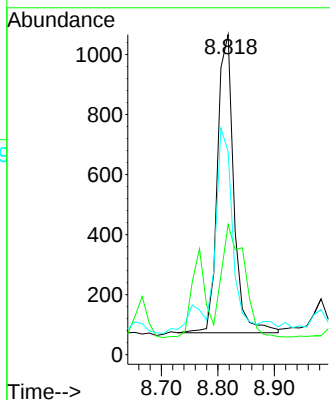
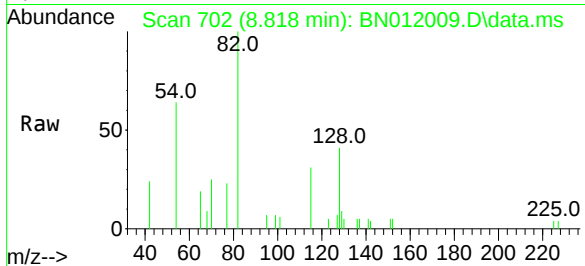




#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.818 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

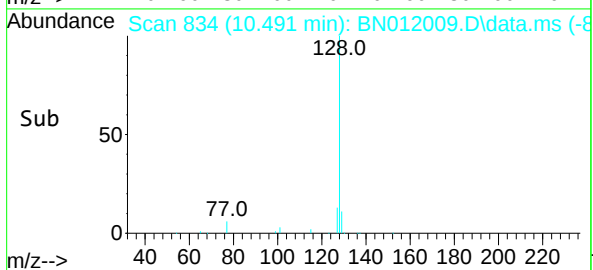
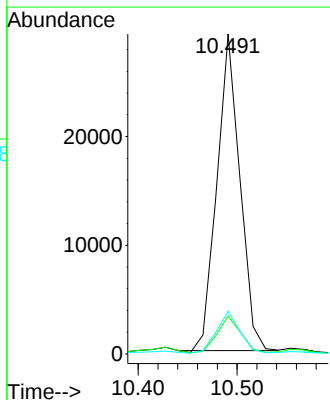
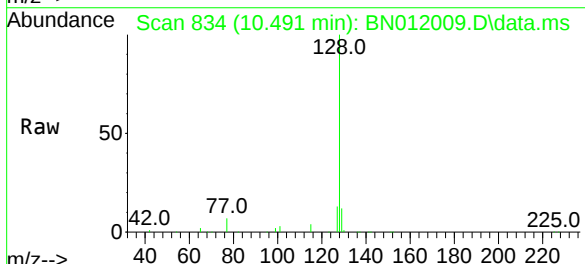
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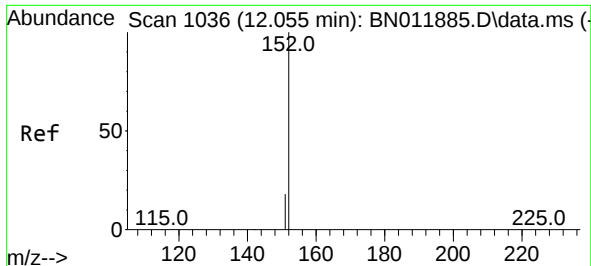
Tgt Ion: 82 Resp: 2003
Ion Ratio Lower Upper
82 100
128 40.7 34.2 51.2
54 63.5 43.1 64.7



#9
Naphthalene
Concen: 2.35 ng
RT: 10.491 min Scan# 834
Delta R.T. -0.013 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

Tgt Ion: 128 Resp: 46942
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.3 11.0 16.4

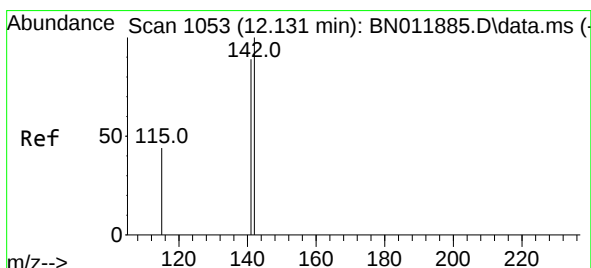
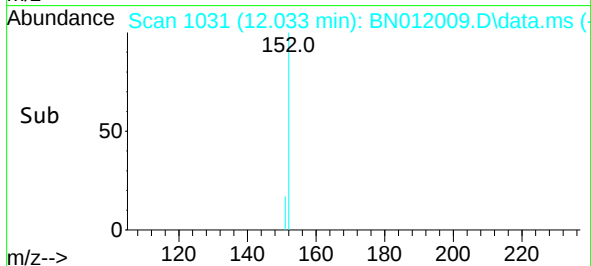
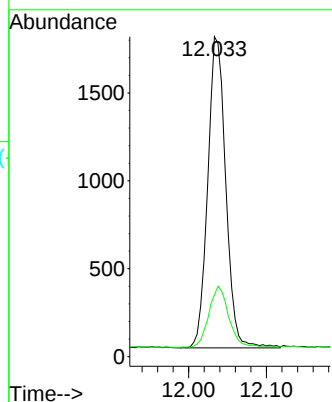
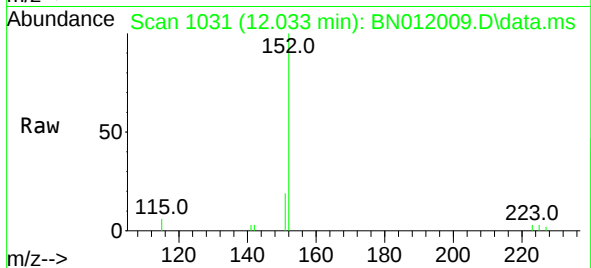




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.033 min Scan# 1031
Delta R.T. -0.013 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

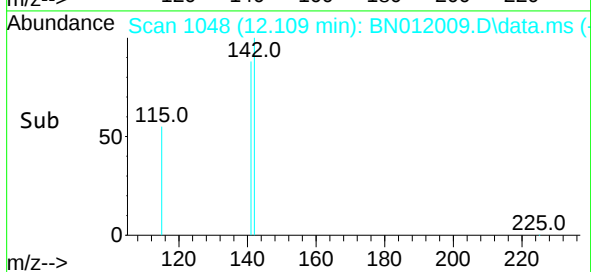
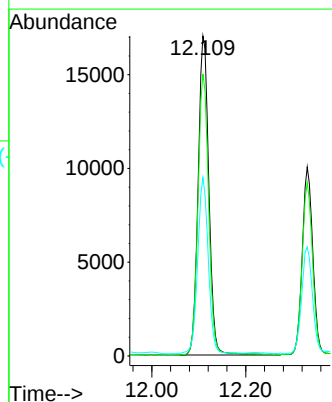
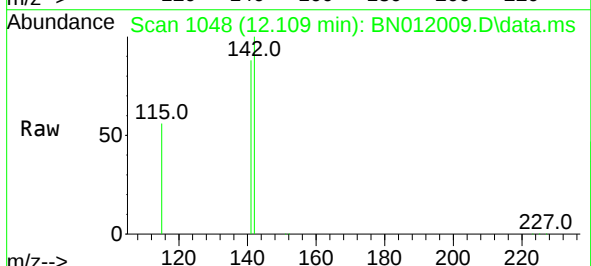
Instrument :
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ClientSampleId :
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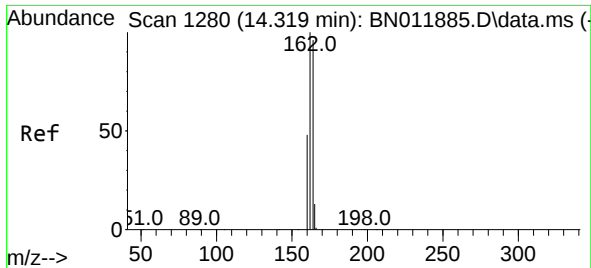
Tgt Ion:152 Resp: 2844
Ion Ratio Lower Upper
152 100
151 21.9 16.7 25.1



#12
2-Methylnaphthalene
Concen: 2.13 ng
RT: 12.109 min Scan# 1048
Delta R.T. -0.013 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

Tgt Ion:142 Resp: 27062
Ion Ratio Lower Upper
142 100
141 88.1 70.0 105.0
115 55.8 35.8 53.6#

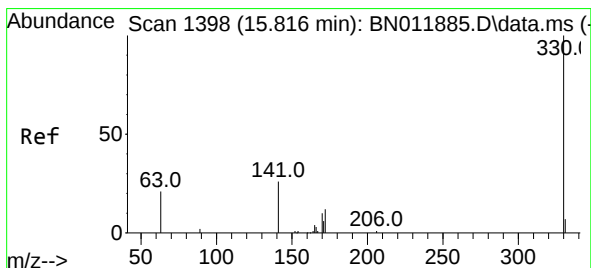
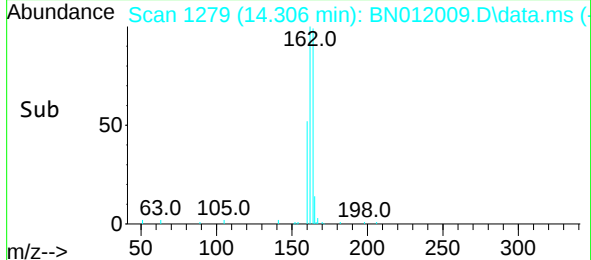
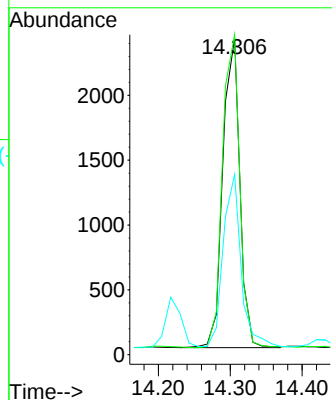
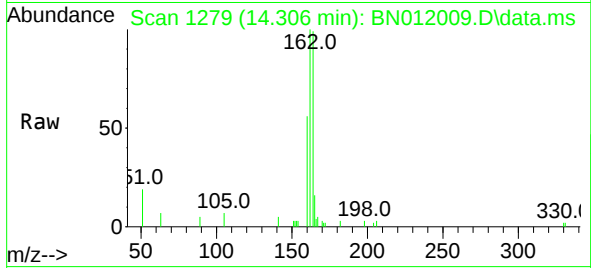




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

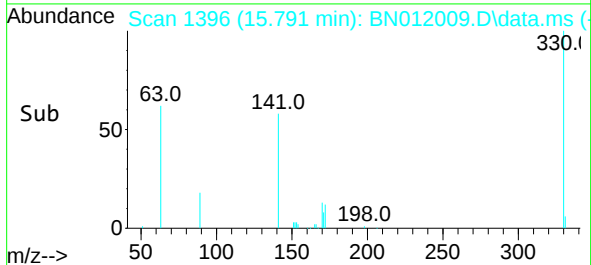
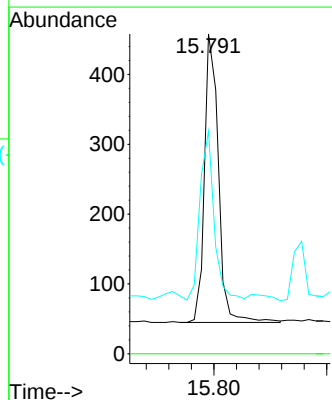
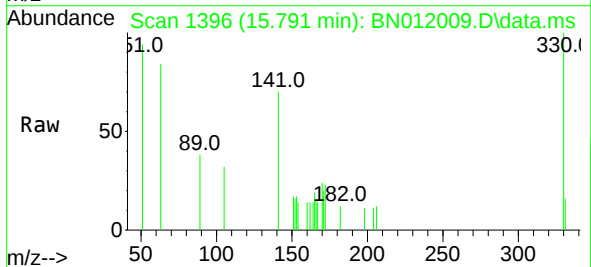
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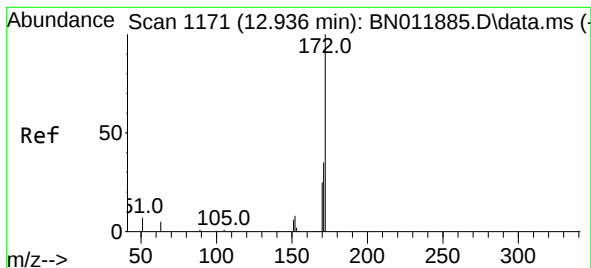
Tgt Ion:164 Resp: 3925
Ion Ratio Lower Upper
164 100
162 101.1 83.6 125.4
160 57.0 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.791 min Scan# 1396
Delta R.T. -0.013 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

Tgt Ion:330 Resp: 706
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 60.2 33.7 50.5#

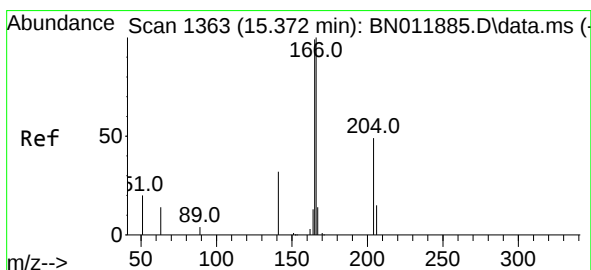
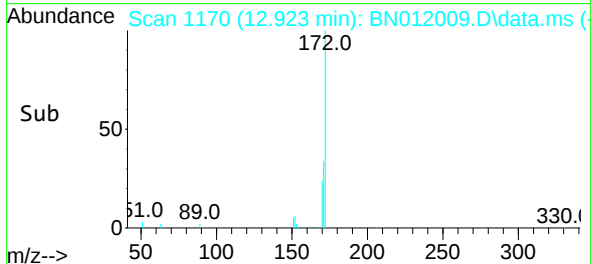
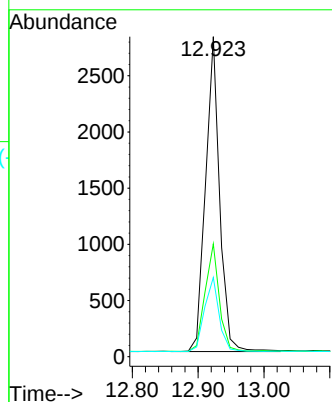
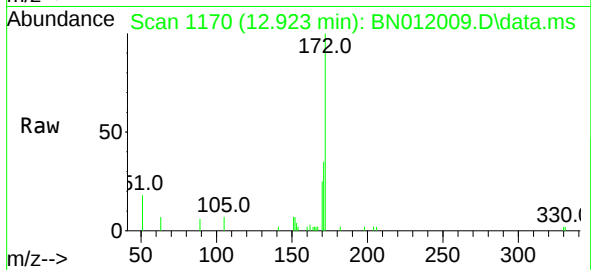




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.923 min Scan# 1170
Delta R.T. -0.013 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

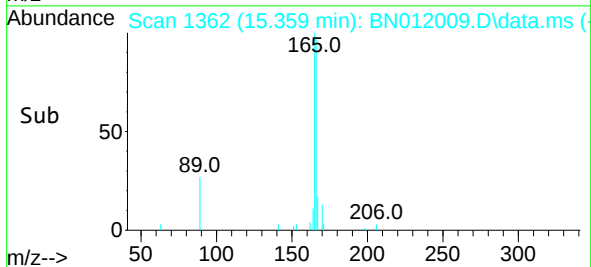
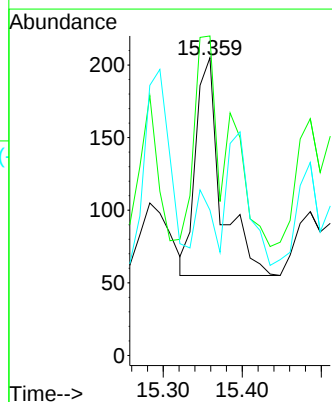
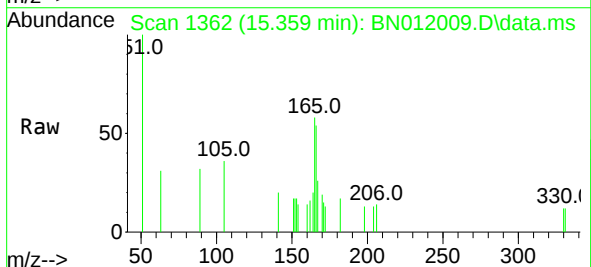
Instrument :
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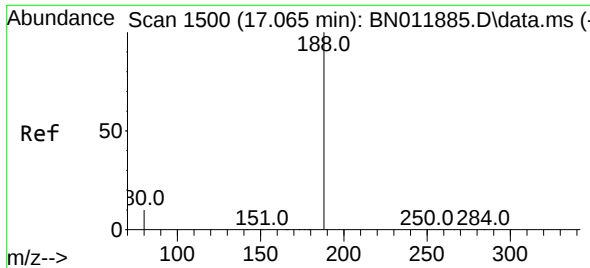
Tgt Ion:172	Resp:	4171
Ion Ratio	Lower	Upper
172	100	
171	35.3	27.4 41.2
170	24.8	17.8 26.6



#18
Fluorene
Concen: 0.02 ng
RT: 15.359 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

Tgt Ion:166	Resp:	338
Ion Ratio	Lower	Upper
166	100	
165	126.0	78.8 118.2#
167	0.0	11.2 16.8#

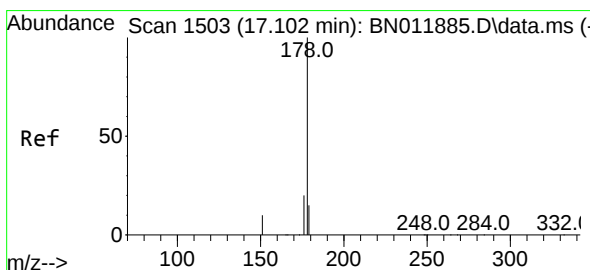
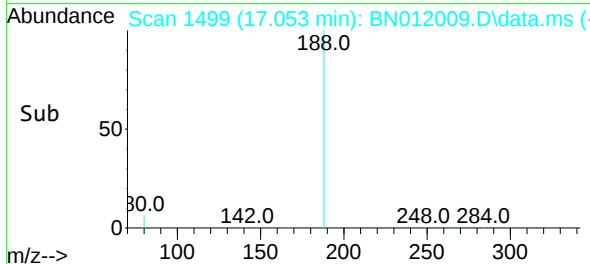
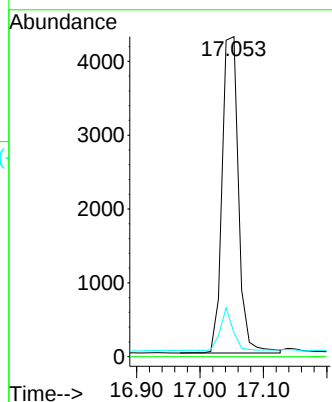
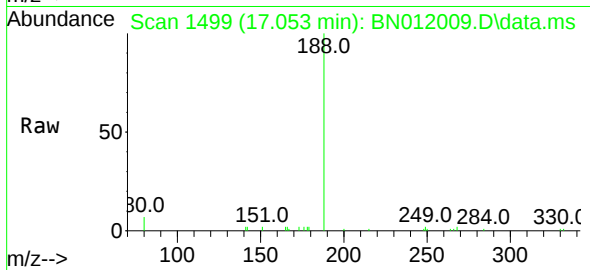




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

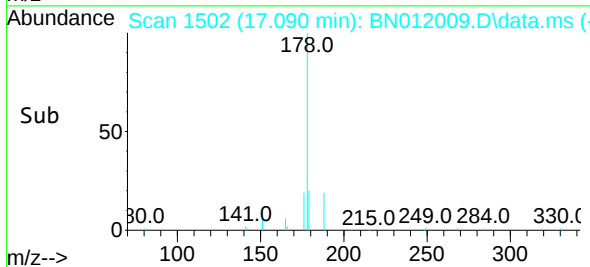
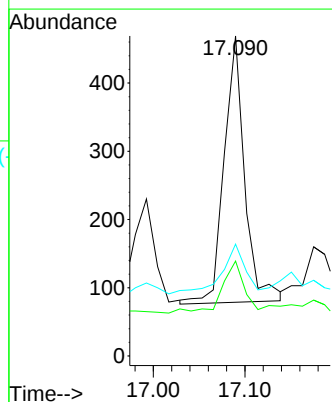
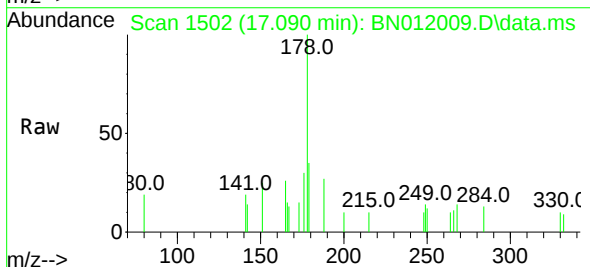
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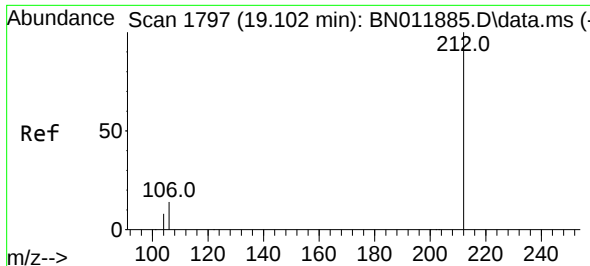
Tgt Ion:188 Resp: 7678
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 7.7 11.5#



#25
Phenanthrene
Concen: 0.03 ng
RT: 17.090 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

Tgt Ion:178 Resp: 609
Ion Ratio Lower Upper
178 100
176 23.5 15.1 22.7#
179 20.5 12.3 18.5#

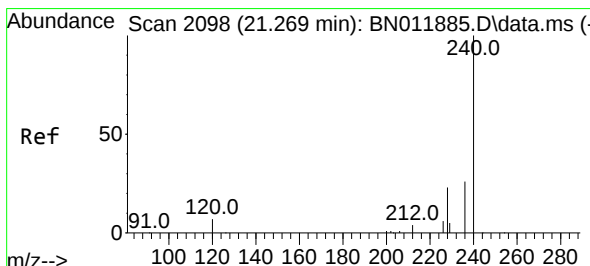
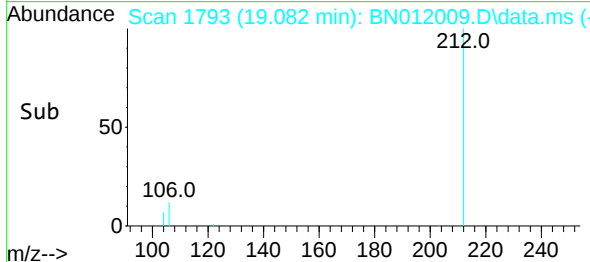
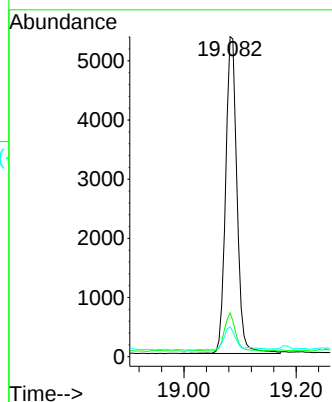
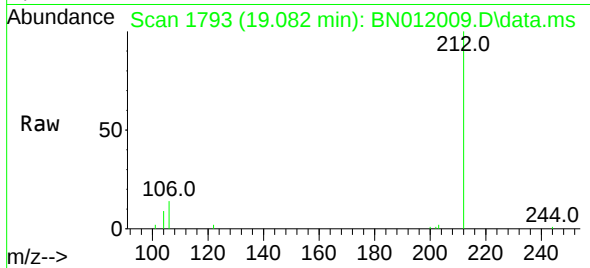




#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.082 min Scan# 1793
Delta R.T. -0.010 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

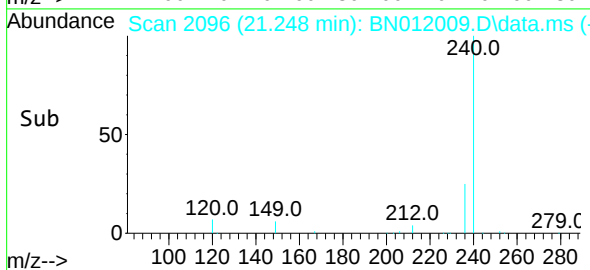
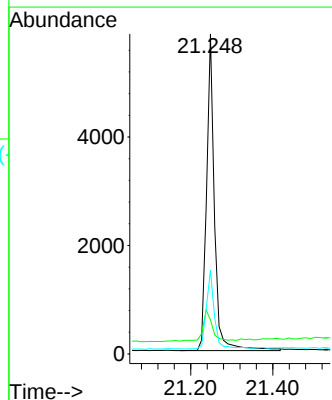
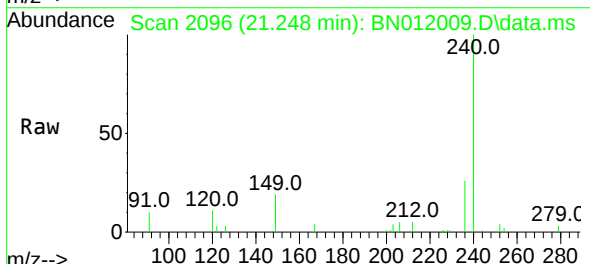
Instrument :
BNA_N
ClientSampleId :
KY038PS027-200922

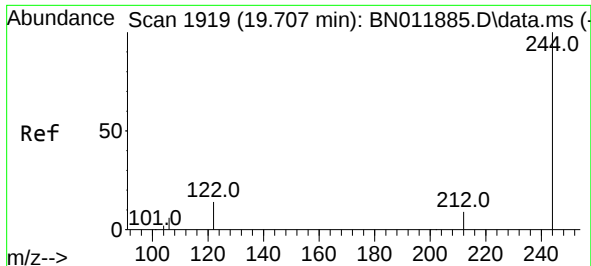
Tgt Ion:212 Resp: 7536
Ion Ratio Lower Upper
212 100
106 11.7 6.4 9.6#
104 7.1 3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.248 min Scan# 2096
Delta R.T. -0.011 min
Lab File: BN012009.D
Acq: 29 Sep 2020 07:30

Tgt Ion:240 Resp: 7843
Ion Ratio Lower Upper
240 100
120 10.7 3.5 5.3#
236 26.1 20.5 30.7

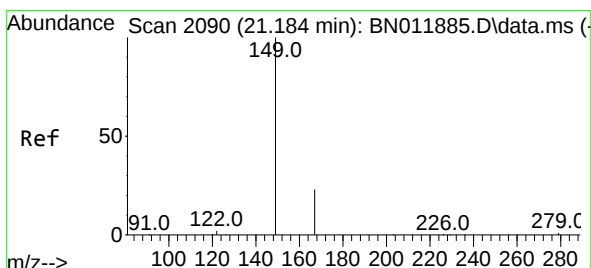
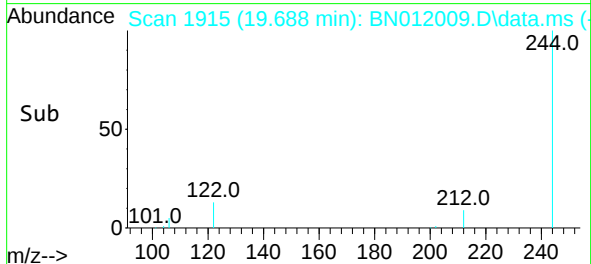
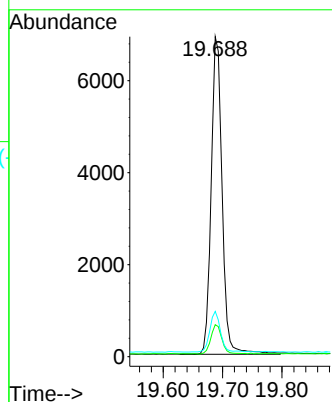
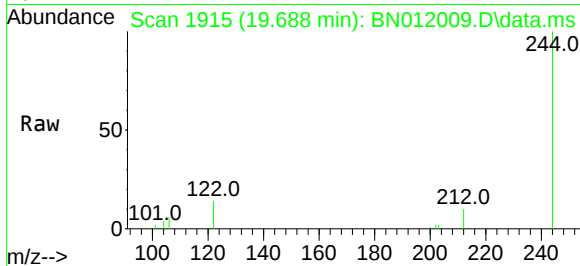




#31
 Terphenyl-d14
 Concen: 0.49 ng
 RT: 19.688 min Scan# 1915
 Delta R.T. -0.010 min
 Lab File: BN012009.D
 Acq: 29 Sep 2020 07:30

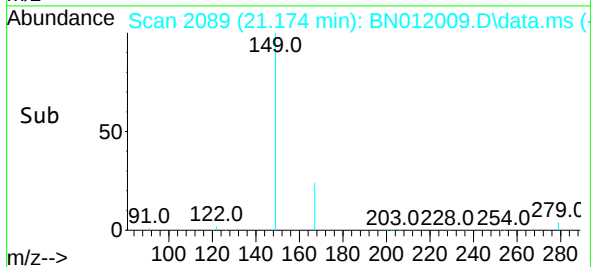
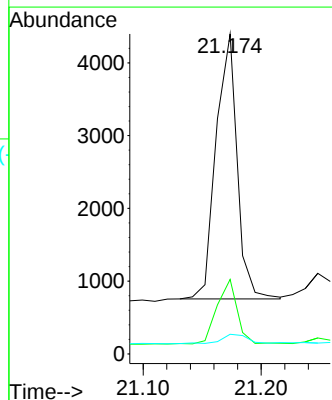
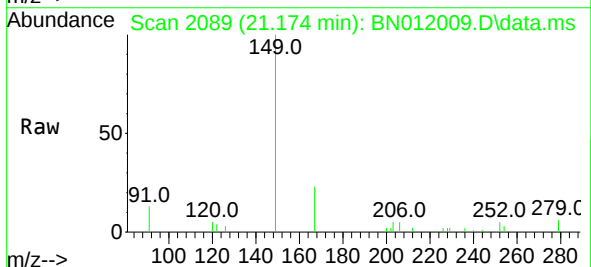
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200922

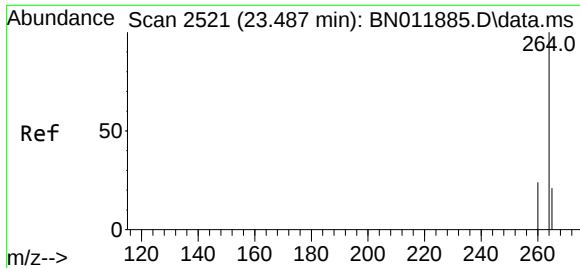
Tgt Ion:244 Resp: 8843
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.3 10.9
 122 14.2 7.8 11.6#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.25 ng
 RT: 21.174 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: BN012009.D
 Acq: 29 Sep 2020 07:30

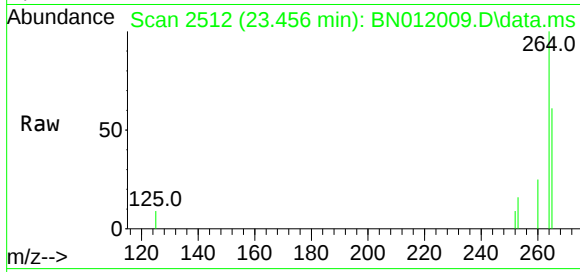
Tgt Ion:149 Resp: 4517
 Ion Ratio Lower Upper
 149 100
 167 23.2 23.6 35.4#
 279 4.3 4.0 6.0





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.456 min Scan# 2512
 Delta R.T. -0.014 min
 Lab File: BN012009.D
 Acq: 29 Sep 2020 07:30

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200922



Tgt Ion:264	Resp:	8335
Ion Ratio	Lower	Upper
264	100	
260	24.8	19.6 29.4
265	60.9	38.6 58.0#

