

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009523.D
 Acq On : 31 Jan 2020 22:23
 Operator : CG/JU
 Sample : L1271-06 10X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GASZ7

Manual Integrations
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Quant Time: Feb 01 02:09:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 22:58:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	195287	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.21	136	804339	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.09	164	523433	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.84	188	971508	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	835146	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	903367	20.00	ng/ul	0.00

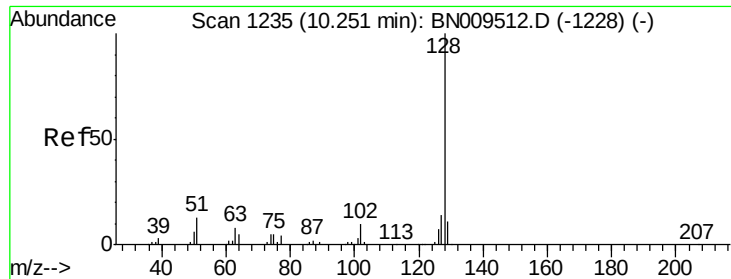
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	874	0.19	ng/uL	0.02
5) Phenol-d5	6.66	99	26673	1.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	19348	1.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	20447	1.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	20574	1.49	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	16293	2.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	10417	1.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	21264	1.75	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.52	166	82474	2.13	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	82150	1.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	15718m	2.18	ng/ul	0.00
57) Fluorene-d10	15.09	176	64947	1.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	7314m	1.24	ng/ul	0.02
70) Anthracene-d10	16.94	188	92130	2.05	ng/ul	0.00
78) Pyrene-d10	19.24	212	95452	2.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	92796	2.03	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.26	128	23450970m	541.784	ng/ul
34) 2-Methylnaphthalene	11.90	142	27124203m	910.252	ng/ul
40) 1,1'-Biphenyl	12.92	154	2657169	67.041	ng/ul 99
47) Acenaphthylene	13.82	152	7860676	158.412	ng/ul 98
49) Acenaphthene	14.16	153	792458	23.409	ng/ul 99
53) Dibenzofuran	14.49	168	1028186	21.860	ng/ul 98
58) Fluorene	15.16	166	4871401	123.603	ng/ul 97
64) N-Nitrosodiphenylamine	15.37	169	82316	2.862	ng/ul# 87
69) Phenanthrene	16.90	178	17869161m	325.978	ng/ul
71) Anthracene	16.98	178	2225726	39.878	ng/ul 99
76) Fluoranthene	18.92	202	4082647	64.970	ng/ul 99
79) Pyrene	19.28	202	6377995	105.473	ng/ul 96
82) Benzo(a)anthracene	21.04	228	2079658m	36.567	ng/ul
84) Chrysene	21.09	228	1877094	33.882	ng/ul 99
87) Benzo(b)fluoranthene	22.55	252	1040978	18.225	ng/ul 96
88) Benzo(k)fluoranthene	22.58	252	332431m	5.919	ng/ul
90) Benzo(a)pyrene	23.07	252	851904	16.616	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.23	276	406825	6.548	ng/ul 96
92) Dibenzo(a,h)anthracene	25.24	278	145679m	2.779	ng/ul
93) Benzo(g,h,i)perylene	25.86	276	338587	6.551	ng/ul 98

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



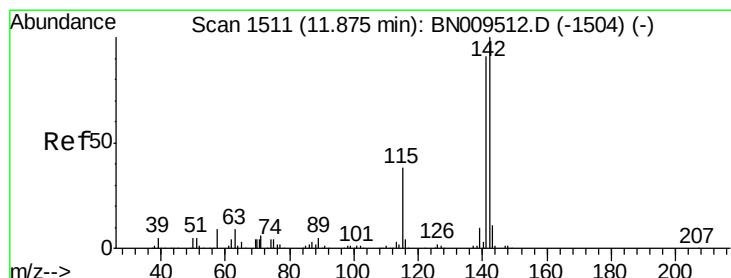
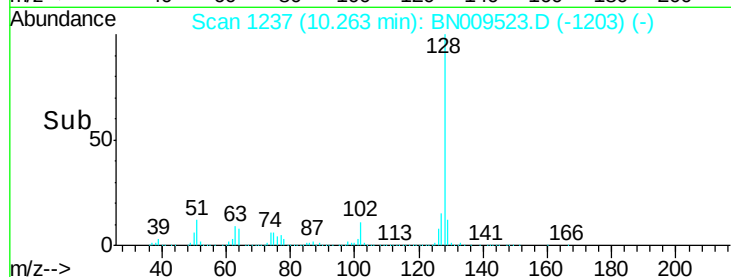
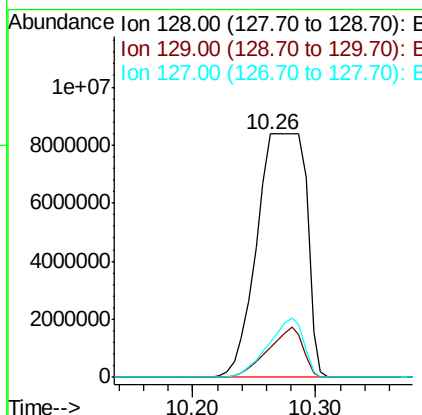
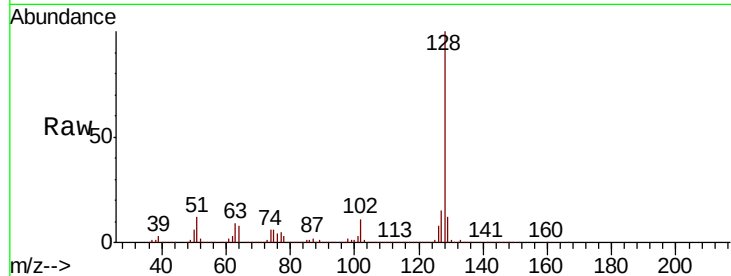
#28
Naphthalene
Concen: 541.784 ng/ul m
RT: 10.26 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BN009523.D
Acq: 31 Jan 2020 22:23

Instrument :
BNA_N
ClientSampled :
GASZ7

Tot Ion:128 Resp:23450970
Ion Ratio Lower Upper
128 100
129 12.4 8.1 12.1#
127 14.5 11.0 16.6

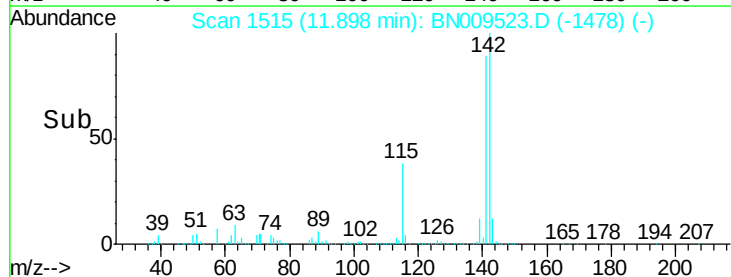
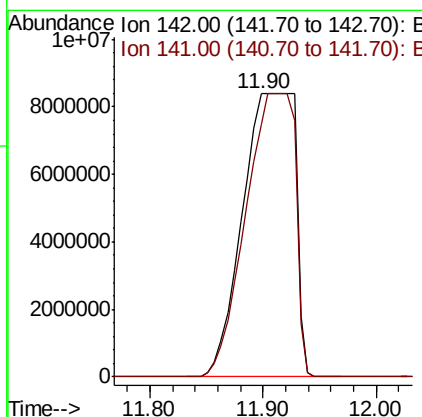
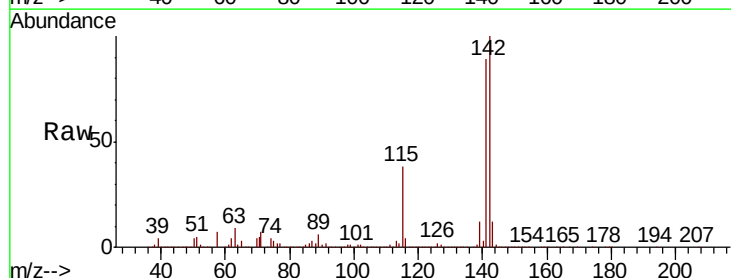
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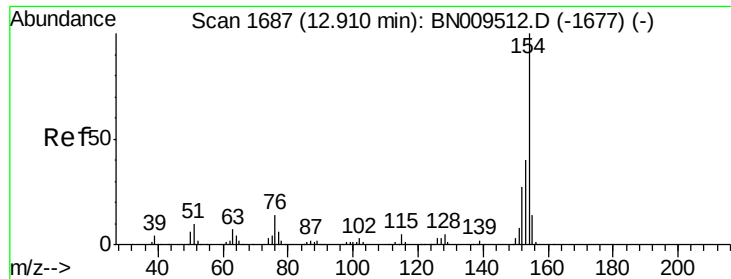
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#34
2-Methylnaphthalene
Concen: 910.252 ng/ul m
RT: 11.90 min Scan# 1515
Delta R.T. 0.02 min
Lab File: BN009523.D
Acq: 31 Jan 2020 22:23

Tgt Ion:142 Resp:27124203
Ion Ratio Lower Upper
142 100
141 89.3 69.3 103.9





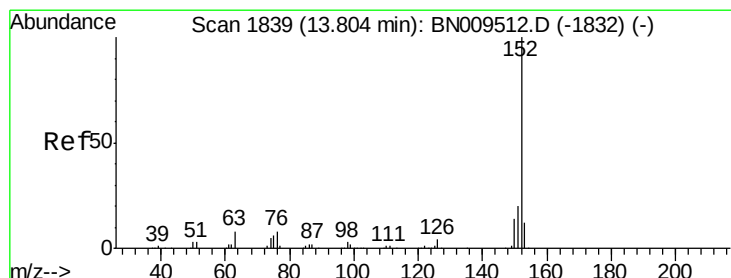
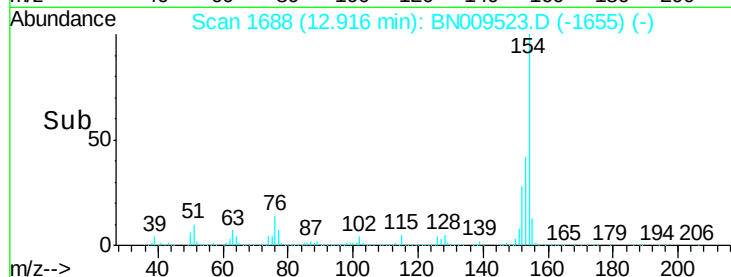
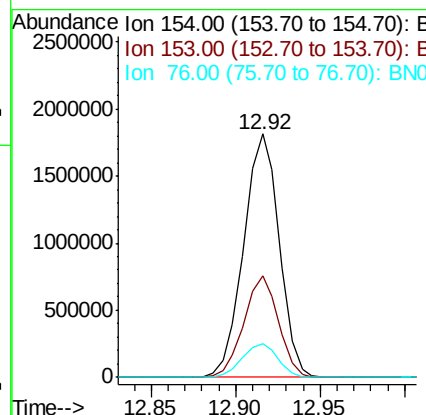
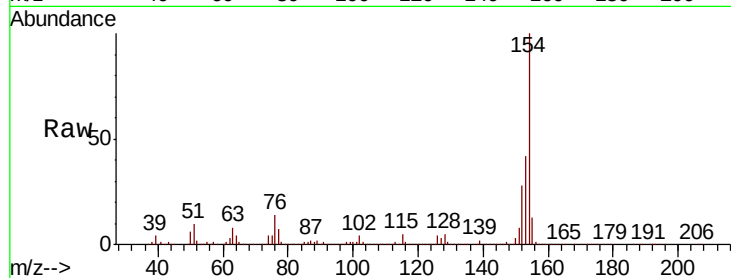
#40
1,1'-Biphenyl
Concen: 67.041 ng/ul
RT: 12.92 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BN009523.D
Acq: 31 Jan 2020 22:23

Instrument :
BNA_N
ClientSampleId :
GASZ7

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	32.6	49.0
76	14.1	11.4	17.0

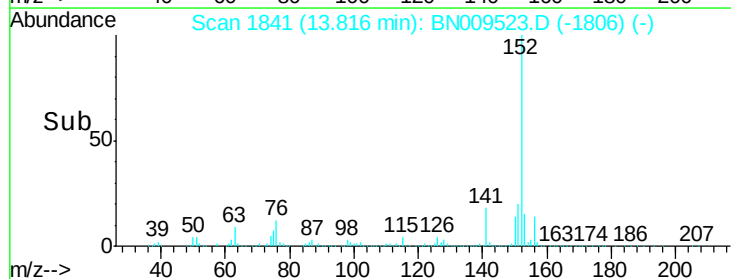
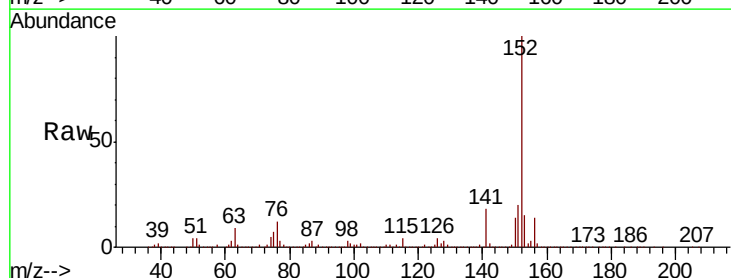
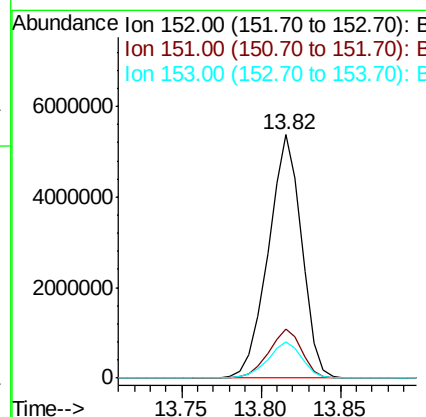
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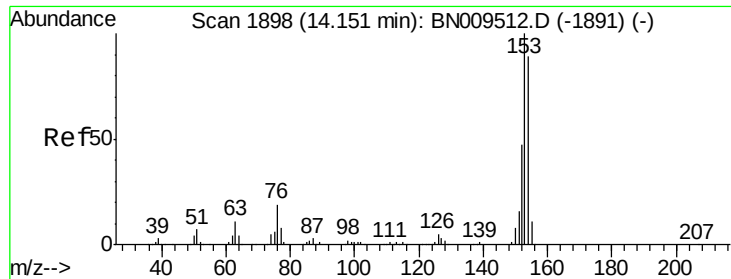
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#47
Acenaphthylene
Concen: 158.412 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BN009523.D
Acq: 31 Jan 2020 22:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	15.0	10.8	16.2





#49

Acenaphthene

Concen: 23.409 ng/ul

RT: 14.16 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BN009523.D

Acq: 31 Jan 2020 22:23

Instrument :

BNA_N

ClientSampleId :

GASZ7

Tot Ion:153 Resp: 792458

Ion Ratio Lower Upper

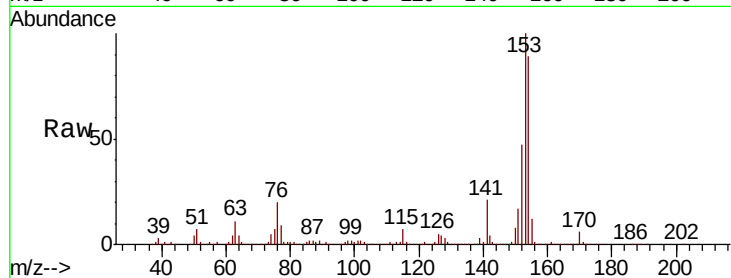
153 100

152 47.0 36.3 54.5

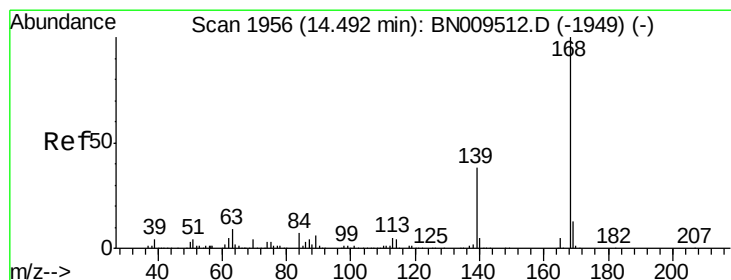
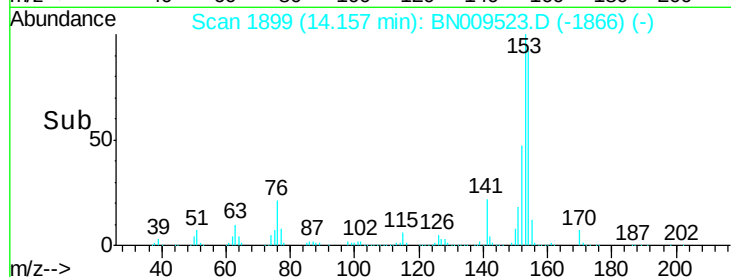
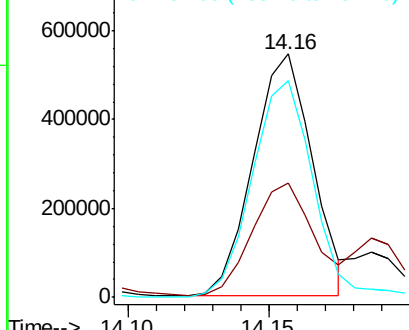
154 88.9 71.4 107.0

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 21.860 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BN009523.D

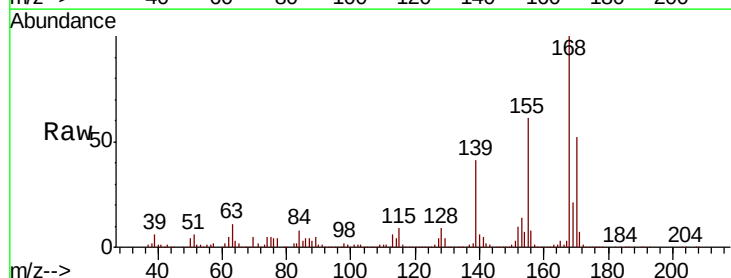
Acq: 31 Jan 2020 22:23

Tgt Ion:168 Resp: 1028186

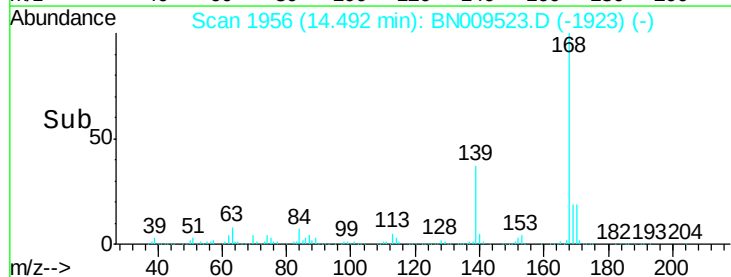
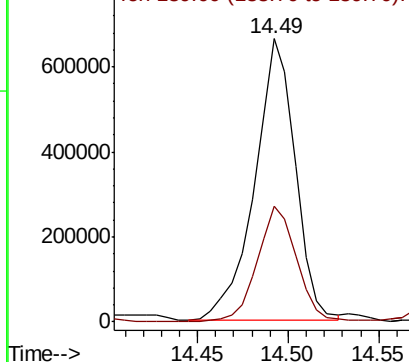
Ion Ratio Lower Upper

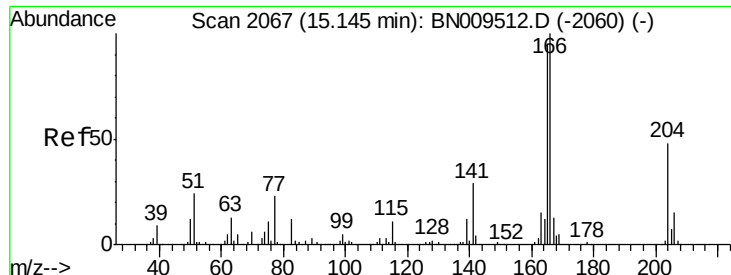
168 100

139 40.8 31.4 47.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





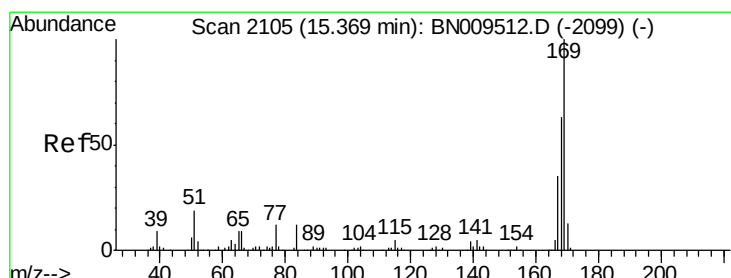
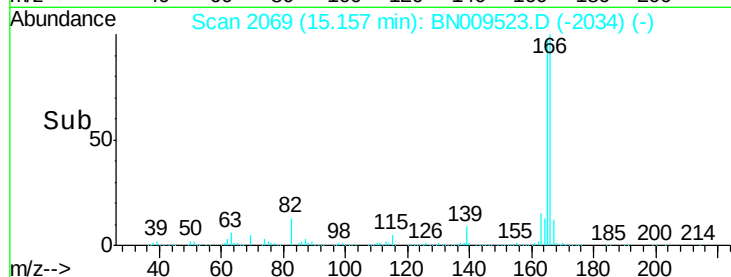
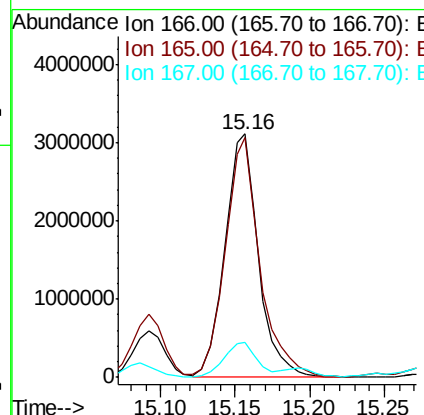
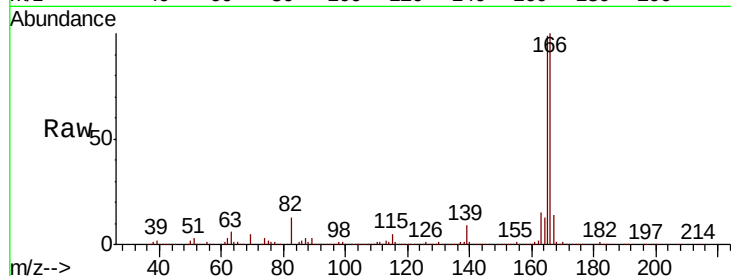
#58
 Fluorene
 Concen: 123.603 ng/ul
 RT: 15.16 min Scan# 2069
 Delta R.T. 0.01 min
 Lab File: BN009523.D
 Acq: 31 Jan 2020 22:23

Instrument :
 BNA_N
 ClientSampleId :
 GASZ7

Tot Ion:166 Resp: 4871401
 Ion Ratio Lower Upper
 166 100
 165 98.5 76.5 114.7
 167 14.2 10.9 16.3

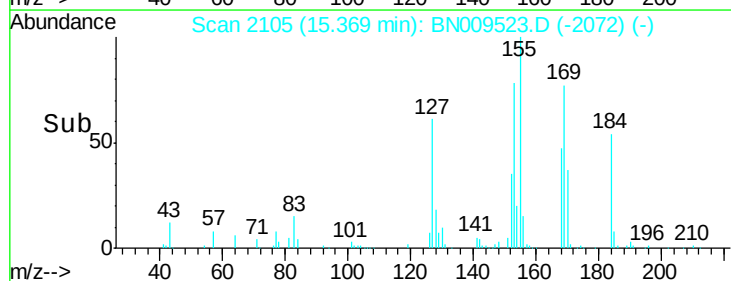
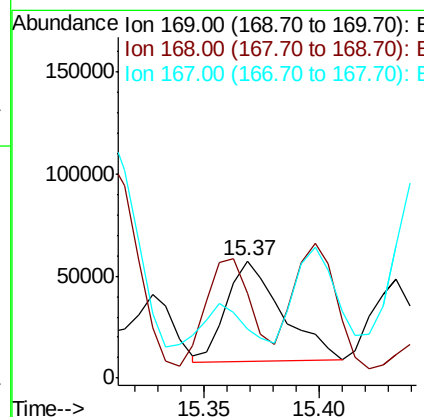
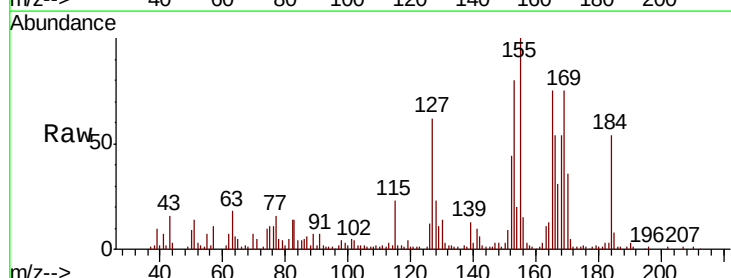
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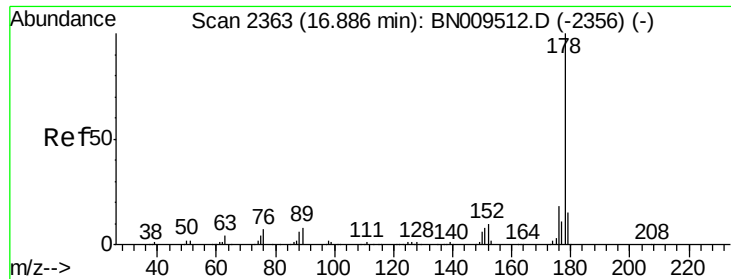
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#64
 N-Nitrosodiphenylamine
 Concen: 2.862 ng/ul
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BN009523.D
 Acq: 31 Jan 2020 22:23

Tgt Ion:169 Resp: 82316
 Ion Ratio Lower Upper
 169 100
 168 72.1 49.8 74.8
 167 41.8 27.6 41.4#





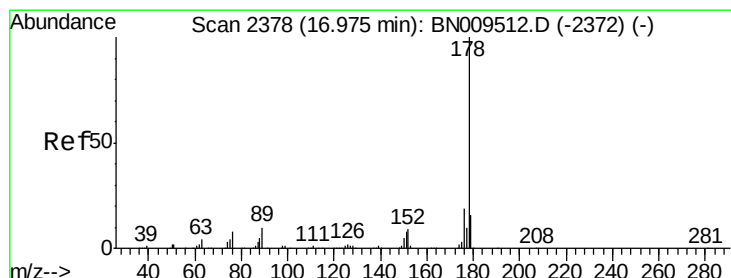
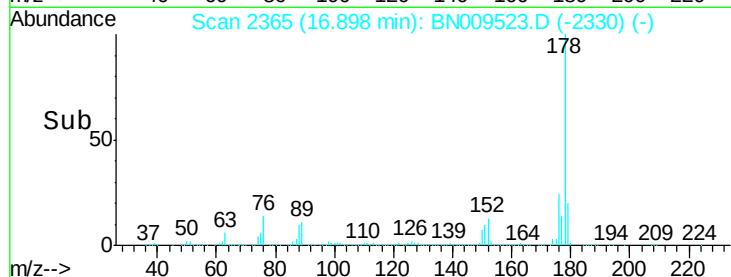
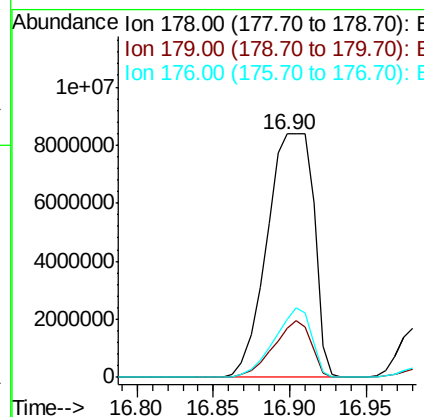
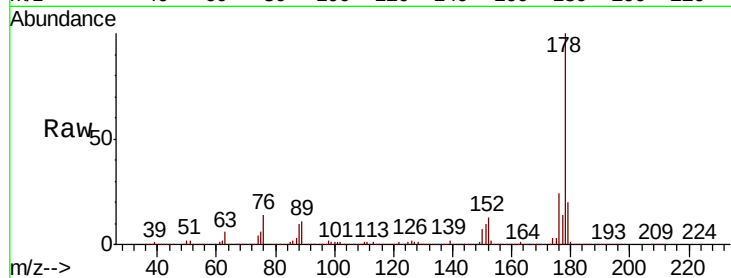
#69
Phenanthrene
Concen: 325.978 ng/ul m
RT: 16.90 min Scan# 2365
Delta R.T. 0.01 min
Lab File: BN009523.D
Acq: 31 Jan 2020 22:23

Instrument :
BNA_N
ClientSampled :
GASZ7

Tot Ion:178 Resp:17869161
Ion Ratio Lower Upper
178 100
179 20.3 13.3 19.9#
176 23.6 15.5 23.3#

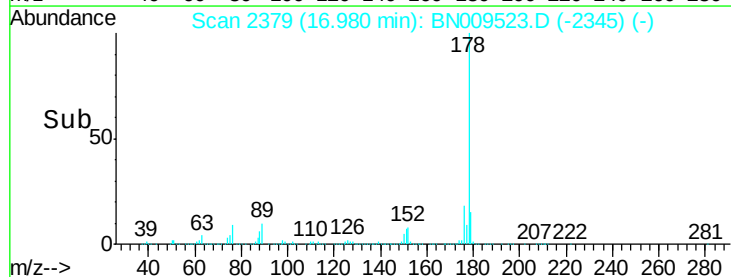
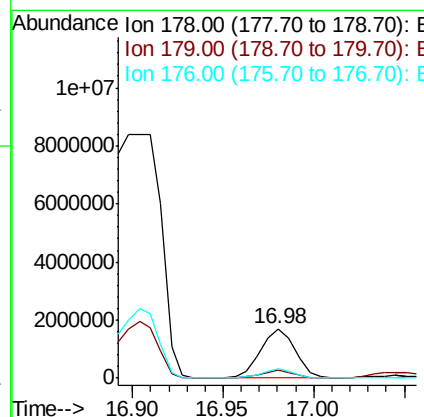
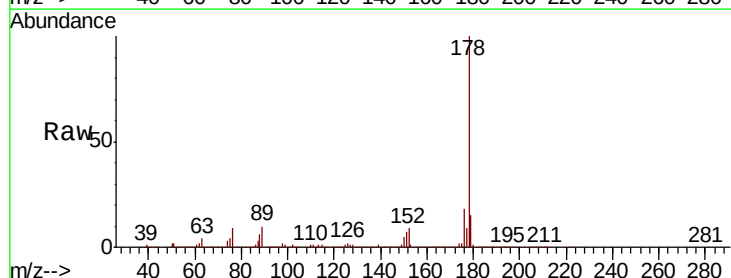
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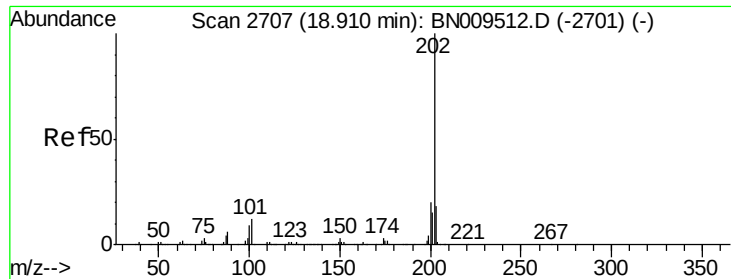
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#71
Anthracene
Concen: 39.878 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN009523.D
Acq: 31 Jan 2020 22:23

Tgt Ion:178 Resp: 2225726
Ion Ratio Lower Upper
178 100
179 15.1 11.8 17.6
176 17.8 14.6 22.0





#76

Fluoranthene

Concen: 64.970 ng/ul

RT: 18.92 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BN009523.D

Acq: 31 Jan 2020 22:23

Instrument :

BNA_N

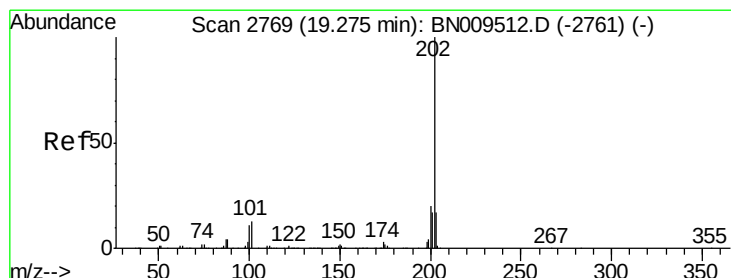
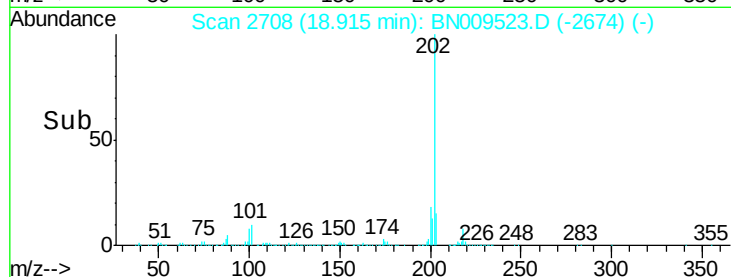
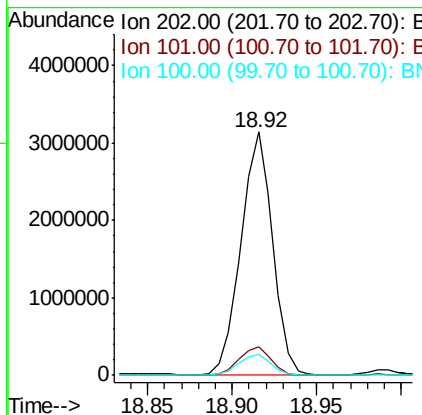
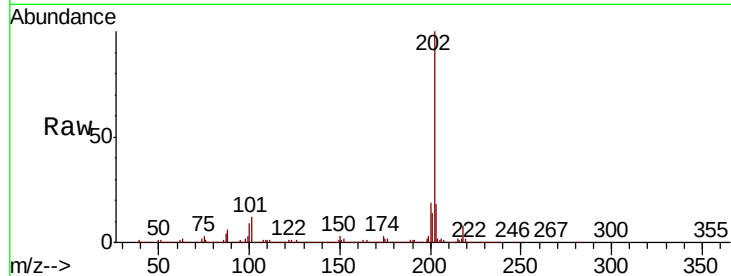
ClientSampleId :

GASZ7

Tot Ion:	202	Resp:	4082647
Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
100	8.8	7.1	10.7

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#79

Pyrene

Concen: 105.473 ng/ul

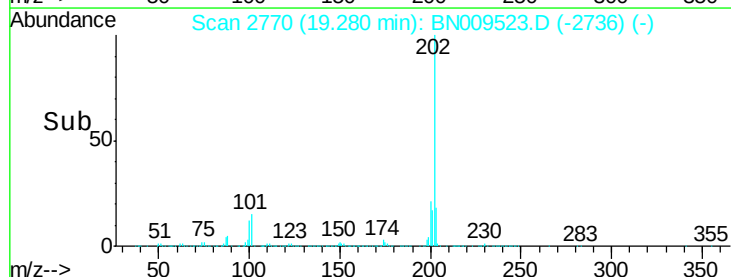
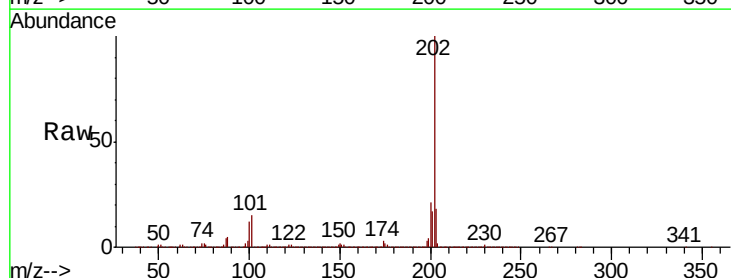
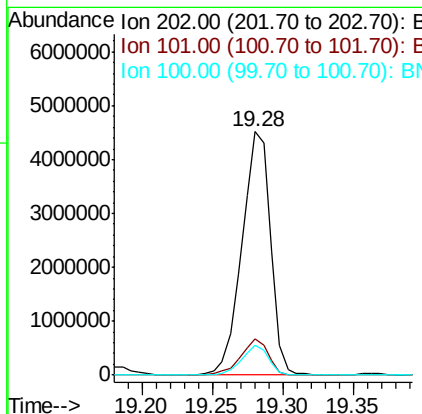
RT: 19.28 min Scan# 2770

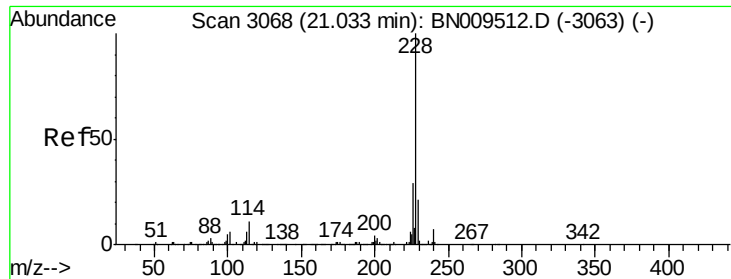
Delta R.T. -0.00 min

Lab File: BN009523.D

Acq: 31 Jan 2020 22:23

Tgt Ion:	202	Resp:	6377995
Ion	Ratio	Lower	Upper
202	100		
101	15.1	10.9	16.3
100	12.1	8.6	12.8





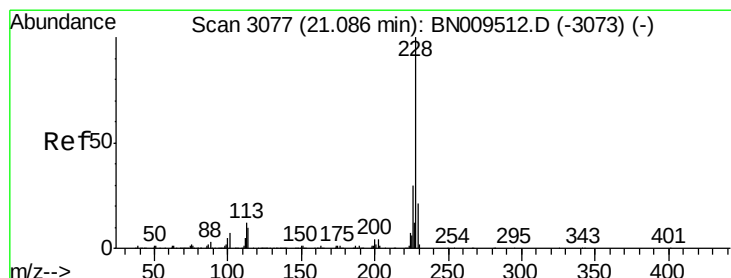
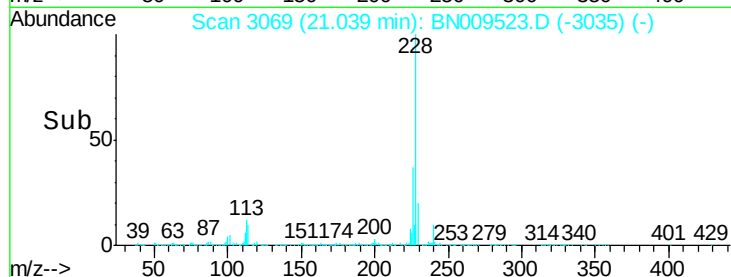
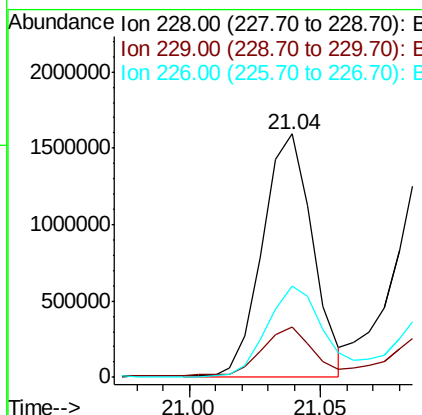
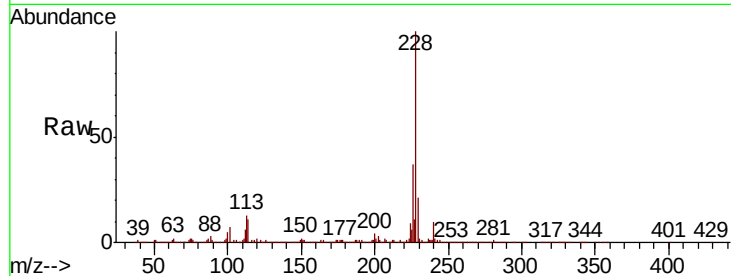
#82
Benzo(a)anthracene
Concen: 36.567 ng/ul m
RT: 21.04 min Scan# 3069
Delta R.T. -0.00 min
Lab File: BN009523.D
Acq: 31 Jan 2020 22:23

Instrument :
BNA_N
ClientSampleId :
GASZ7

Tot Ion:228 Resp: 2079658
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 37.4 20.9 31.3#

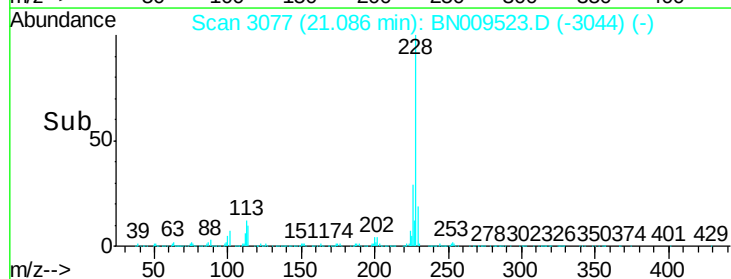
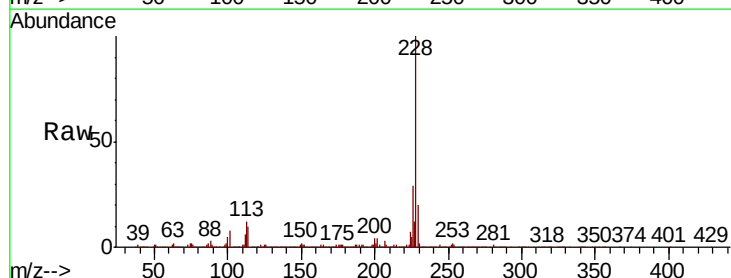
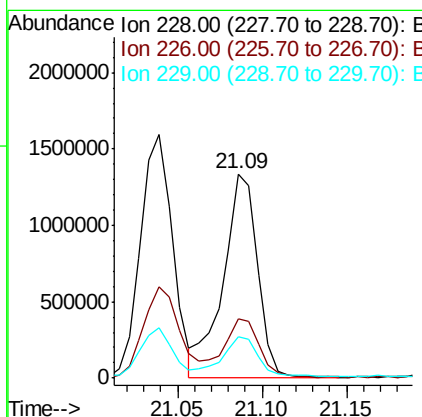
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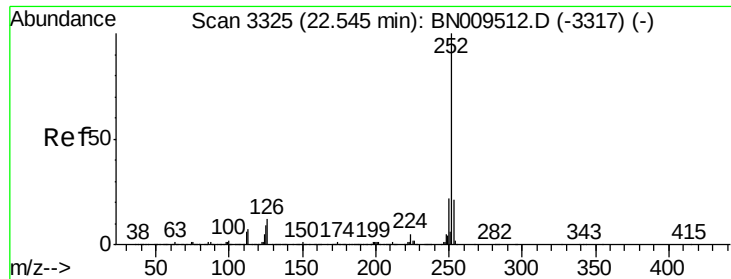
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#84
Chrysene
Concen: 33.882 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BN009523.D
Acq: 31 Jan 2020 22:23

Tgt Ion:228 Resp: 1877094
Ion Ratio Lower Upper
228 100
226 29.0 22.9 34.3
229 19.9 15.4 23.0





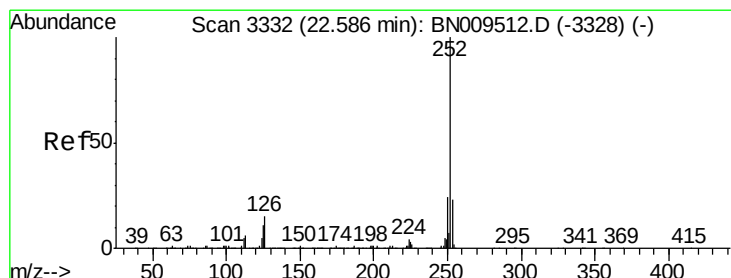
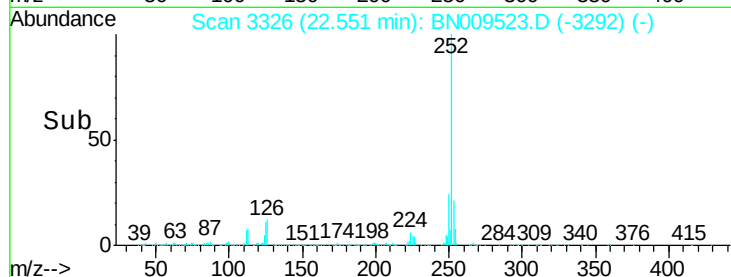
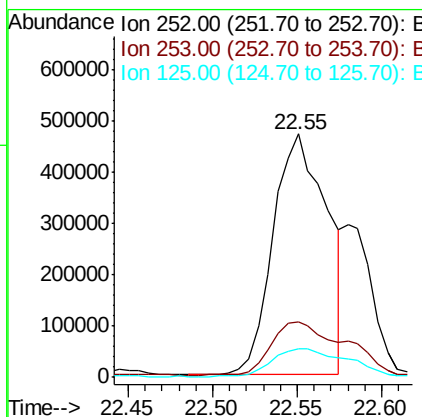
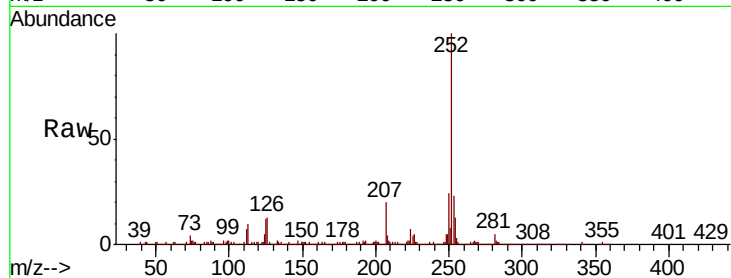
#87
Benzo(b)fluoranthene
Concen: 18.225 ng/ul
RT: 22.55 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BN009523.D
Acq: 31 Jan 2020 22:23

Instrument :
BNA_N
ClientSampleId :
GASZ7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.5	24.7
125	11.9	8.2	12.2

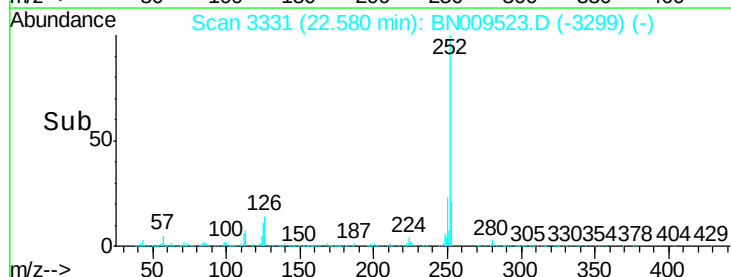
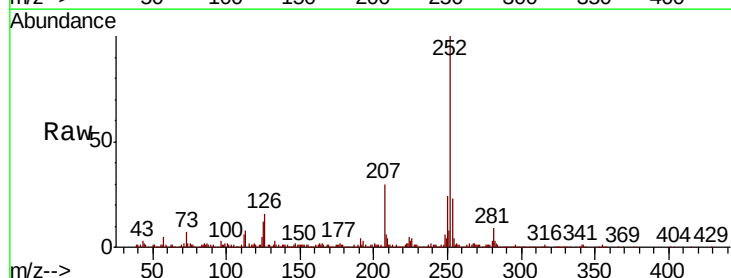
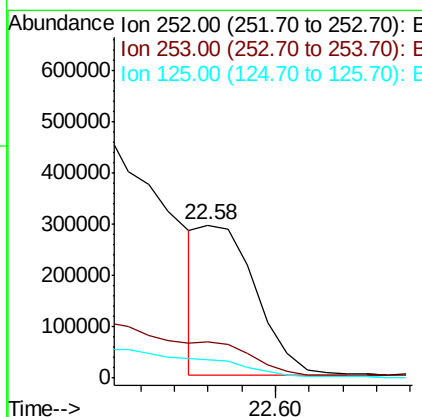
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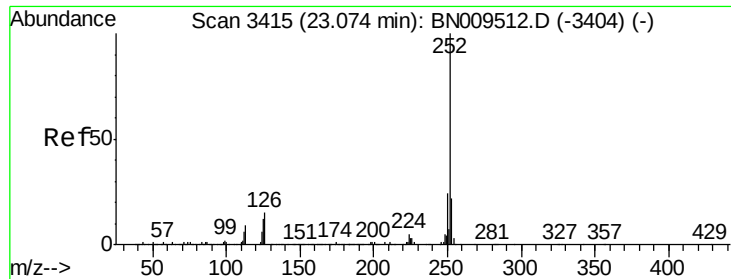
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#88
Benzo(k)fluoranthene
Concen: 5.919 ng/ul m
RT: 22.58 min Scan# 3331
Delta R.T. -0.01 min
Lab File: BN009523.D
Acq: 31 Jan 2020 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.4
125	11.9	7.8	11.8





#90

Benzo(a)pyrene

Concen: 16.616 ng/ul

RT: 23.07 min Scan# 3415

Delta R.T. -0.01 min

Lab File: BN009523.D

Acq: 31 Jan 2020 22:23

Instrument :

BNA_N

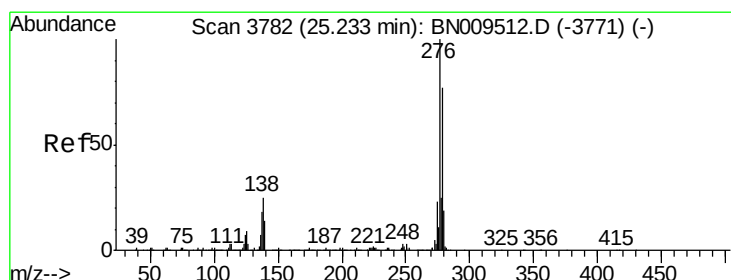
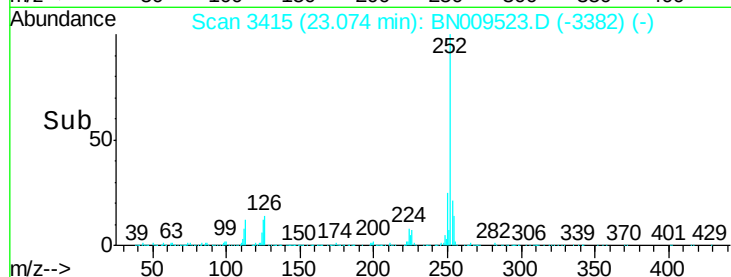
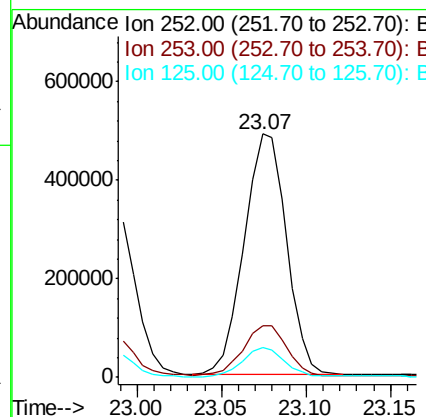
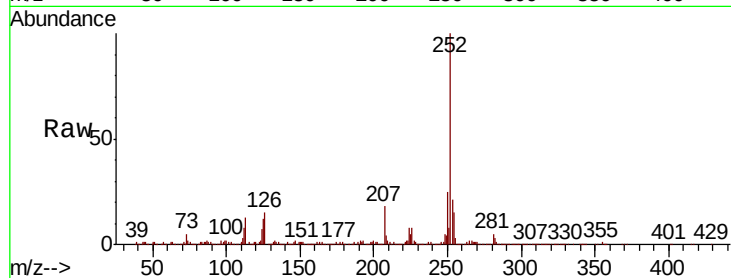
ClientSampleId :

GASZ7

Tot Ion:	252	Resp:	851904
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.0	27.0
125	12.1	9.8	14.6

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#91

Indeno(1,2,3-cd)pyrene

Concen: 6.548 ng/ul

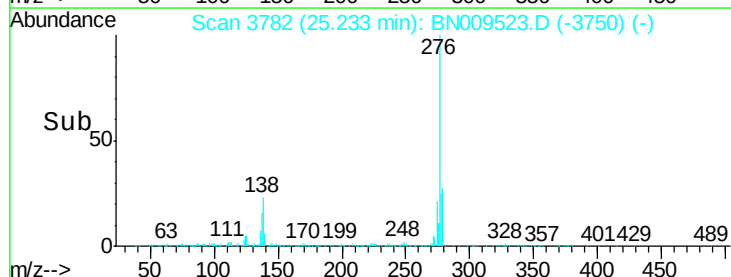
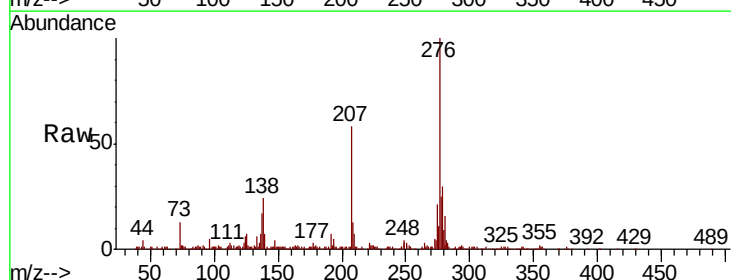
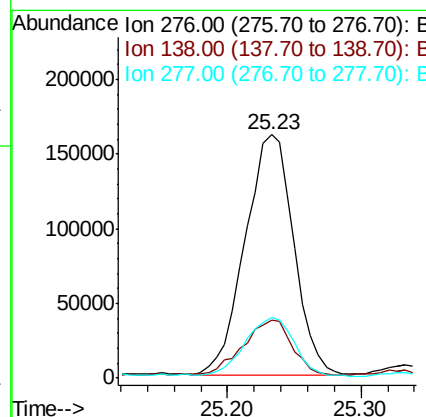
RT: 25.23 min Scan# 3782

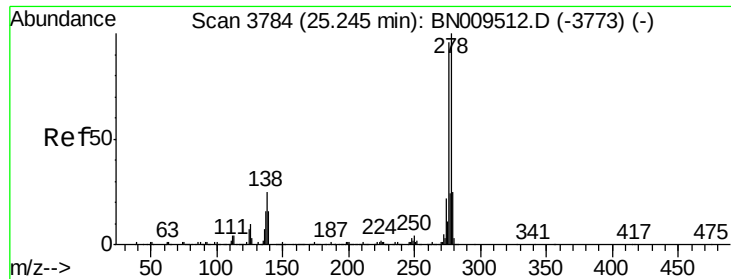
Delta R.T. -0.01 min

Lab File: BN009523.D

Acq: 31 Jan 2020 22:23

Tgt Ion:	276	Resp:	406825
Ion Ratio	Lower	Upper	
276	100		
138	23.6	21.4	32.0
277	25.0	20.4	30.6





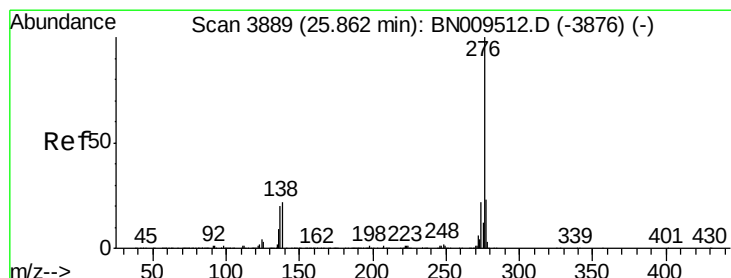
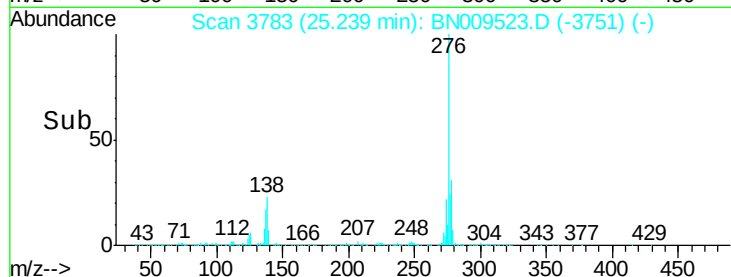
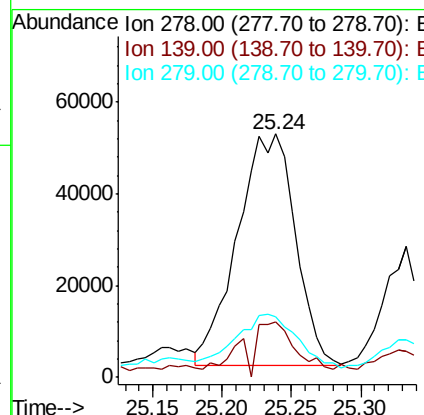
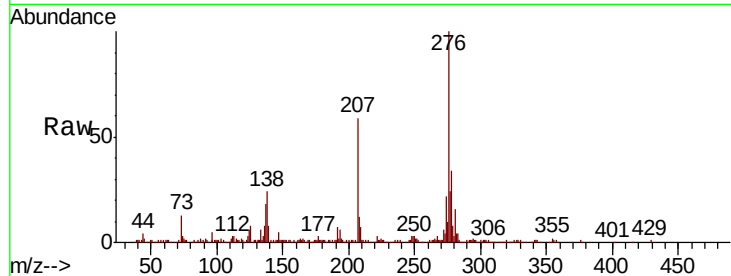
#92
Dibenzo(a,h)anthracene
Concen: 2.779 ng/ul m
RT: 25.24 min Scan# 3783
Delta R.T. -0.01 min
Lab File: BN009523.D
Acq: 31 Jan 2020 22:23

Instrument :
BNA_N
ClientSampleId :
GASZ7

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.0	13.9	20.9#
279	24.8	19.3	28.9

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#93
Benzo(g,h,i)perylene
Concen: 6.551 ng/ul
RT: 25.86 min Scan# 3888
Delta R.T. -0.02 min
Lab File: BN009523.D
Acq: 31 Jan 2020 22:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.6	24.8
277	24.5	18.7	28.1

