

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012610.D
 Acq On : 19 Nov 2020 00:55
 Operator : CG/JU
 Sample : L4753-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBG9

Manual Integrations
 APPROVED

mohammad
 11/20/2020 11:30:16 AM

Quant Time: Nov 19 06:03:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 05:42:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	143623	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	594117	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	390722	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	863582	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	895143	20.00	ng/ul	-0.01
86) Perylene-d12	23.19	264	950021	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	20802	5.16	ng/uL	0.00
5) Phenol-d5	6.63	99	79899	6.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	251632	32.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	255610	25.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	154759	14.49	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	156898	32.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	178901	33.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	302607	29.41	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.53	166	1172762	36.75	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1350041	35.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	32318	5.41	ng/ul	0.00
58) Fluorene-d10	15.10	176	1018606	36.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	201586	34.22	ng/ul	0.00
71) Anthracene-d10	16.95	188	1726251	39.35	ng/ul	0.00
79) Pyrene-d10	19.26	212	1988722	42.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	2101535	40.48	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.28	128	26390727m	768.392	ng/ul
34) 2-Methylnaphthalene	11.89	142	479181	19.991	ng/ul 98
41) 1,1'-Biphenyl	12.93	154	939175	29.001	ng/ul 98
45) Dimethylphthalate	13.57	163	150026	4.667	ng/ul 99
48) Acenaphthylene	13.82	152	181000	4.745	ng/ul 97
50) Acenaphthene	14.17	153	3745535	134.446	ng/ul 98
54) Dibenzofuran	14.51	168	2613330	67.666	ng/ul 99
59) Fluorene	15.16	166	1773418	54.955	ng/ul 92
64) 4,6-Dinitro-2-methylphenol	15.25	198	24793	3.966	ng/ul# 91
69) Pentachlorophenol	16.51	266	19563	2.869	ng/ul 95
70) Phenanthrene	16.90	178	1662602	31.314	ng/ul 99
72) Anthracene	16.99	178	142350	2.645	ng/ul 98
75) Carbazole	17.27	167	6534535	142.248	ng/ul 98
77) Fluoranthene	18.92	202	102431	1.677	ng/ul 97

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

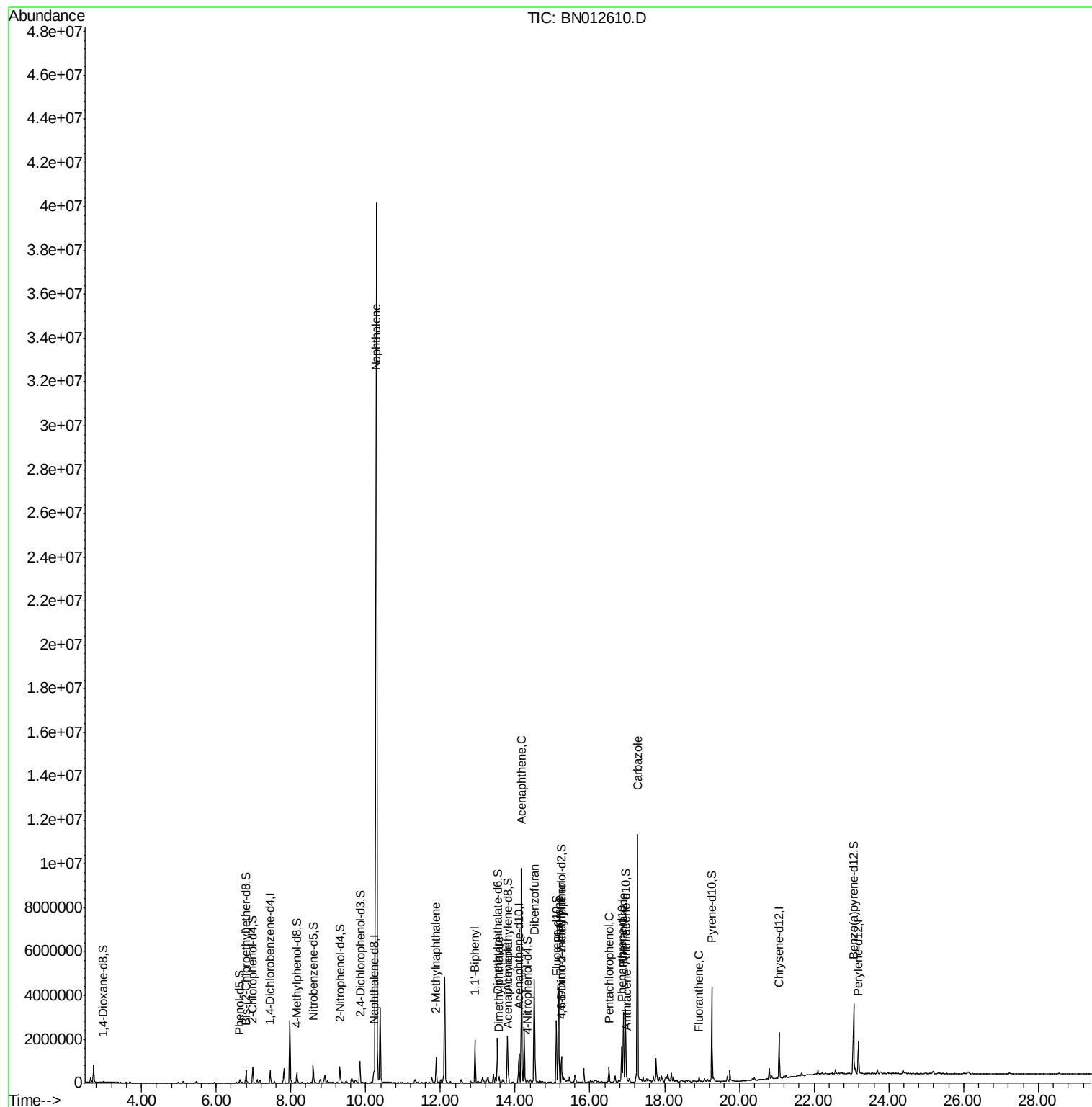
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012610.D
Acq On : 19 Nov 2020 00:55
Operator : CG/JU
Sample : L4753-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

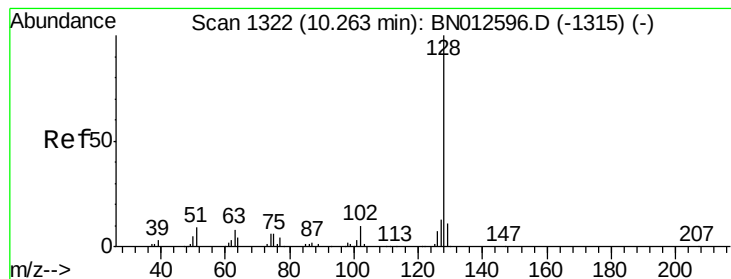
Instrument :
BNA_N
ClientSampleId :
DBGG9

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Quant Time: Nov 19 06:03:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 05:42:00 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 768.392 ng/ul m

RT: 10.28 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

Instrument :

BNA_N

ClientSampleId :

DBG9

Tot Ion:128 Resp:26390727

Ion Ratio Lower Upper

128 100

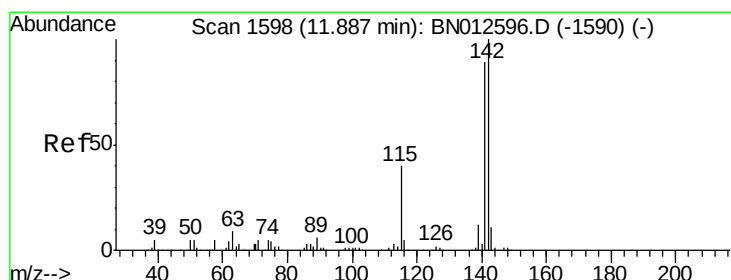
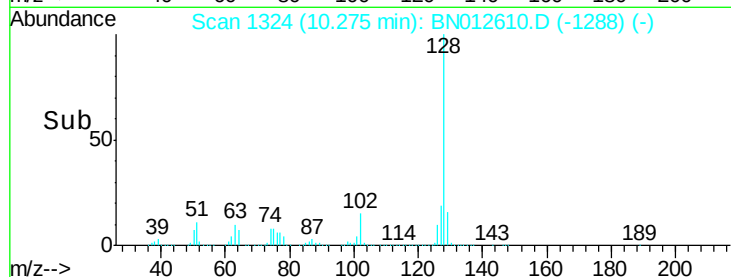
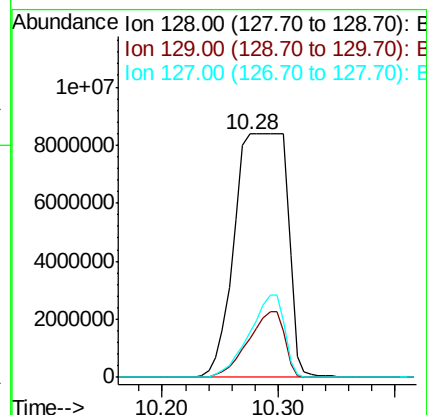
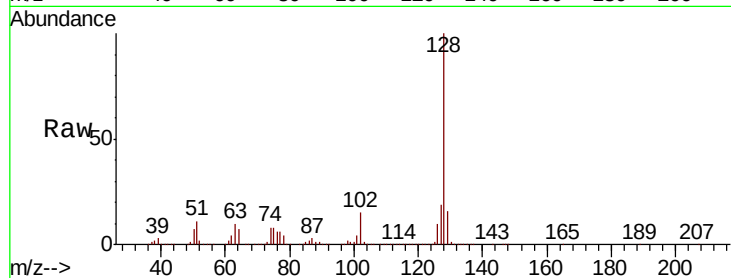
129 15.8 8.6 12.8#

127 18.6 11.6 17.4#

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#34

2-Methylnaphthalene

Concen: 19.991 ng/ul

RT: 11.89 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BN012610.D

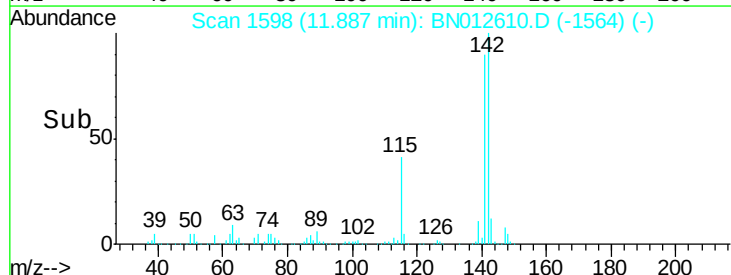
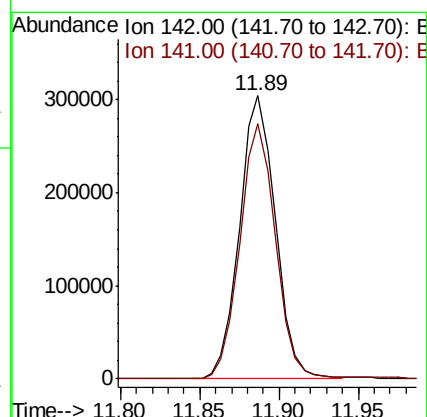
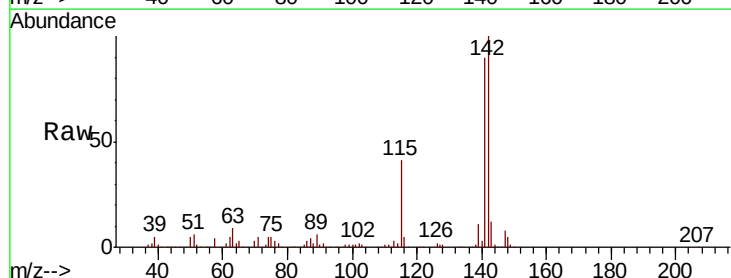
Acq: 19 Nov 2020 00:55

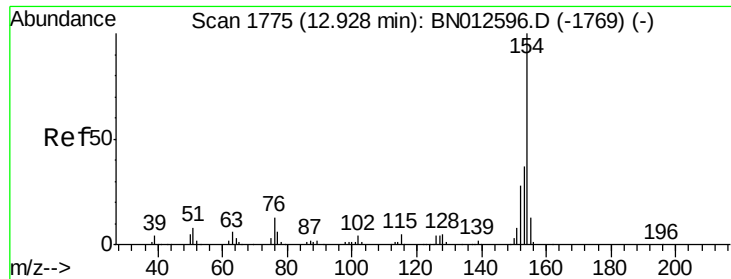
Tgt Ion:142 Resp: 479181

Ion Ratio Lower Upper

142 100

141 90.0 73.8 110.8





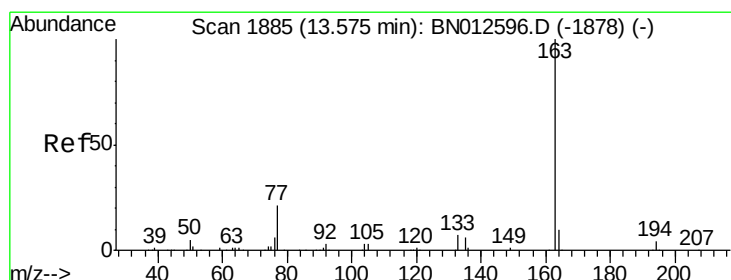
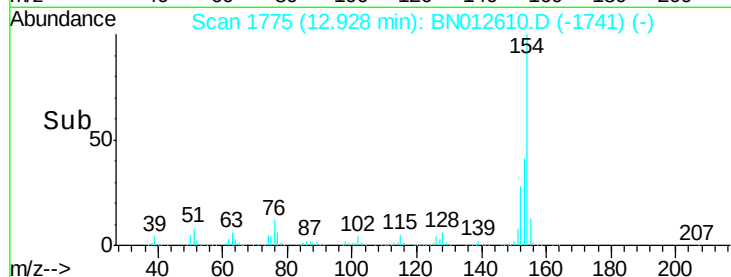
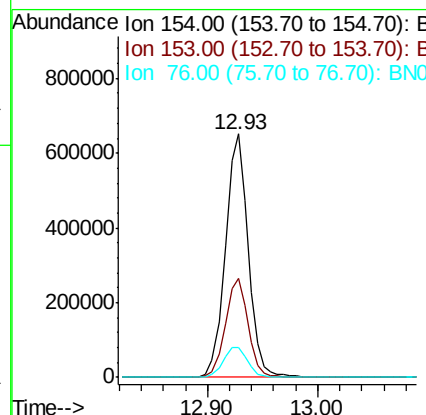
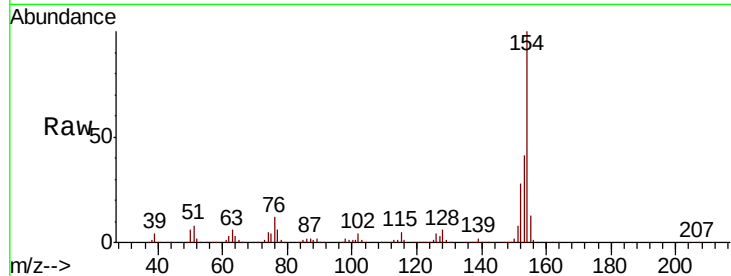
#41
1,1'-Biphenyl
Concen: 29.001 ng/ul
RT: 12.93 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

Instrument :
BNA_N
ClientSampled :
DBGG9

Tot Ion	Ratio	Resp	Lower	Upper
154	100	939175		
153	40.6		31.4	47.0
76	12.2		9.3	13.9

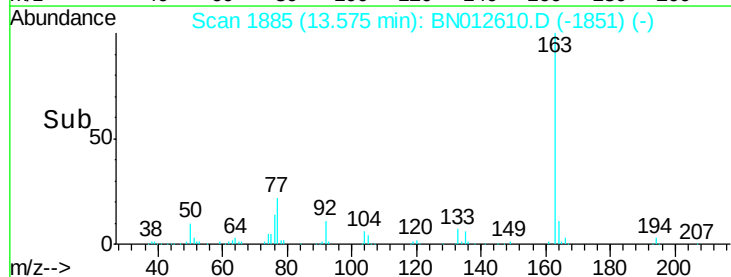
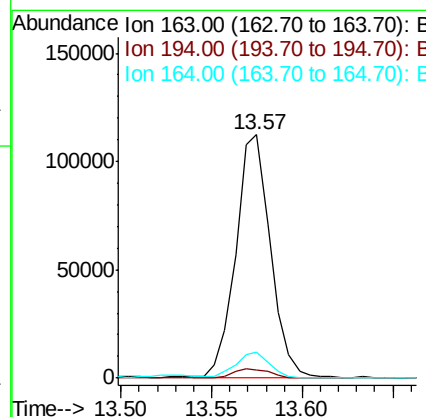
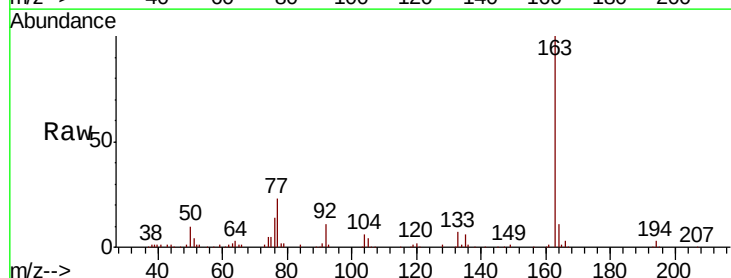
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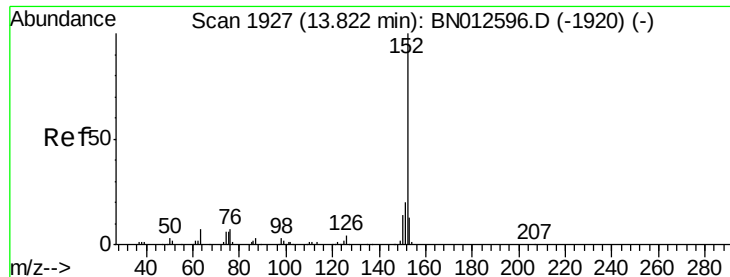
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#45
Dimethylphthalate
Concen: 4.667 ng/ul
RT: 13.57 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	150026		
194	3.4		3.0	4.4
164	10.6		8.6	13.0





#48

Acenaphthylene

Concen: 4.745 ng/ul

RT: 13.82 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

Instrument :

BNA_N

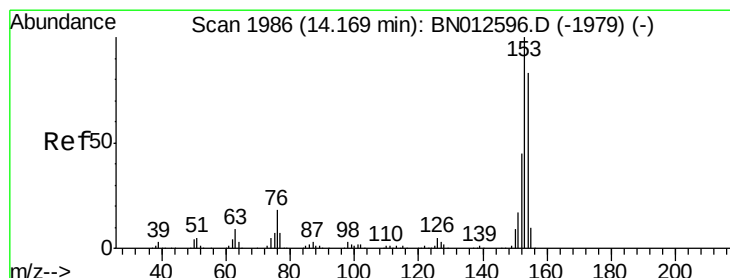
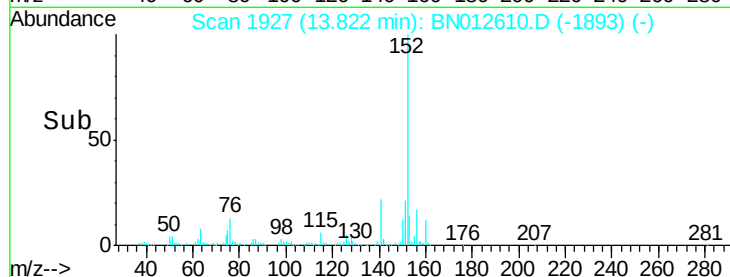
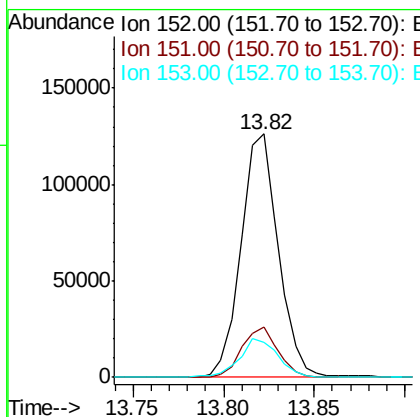
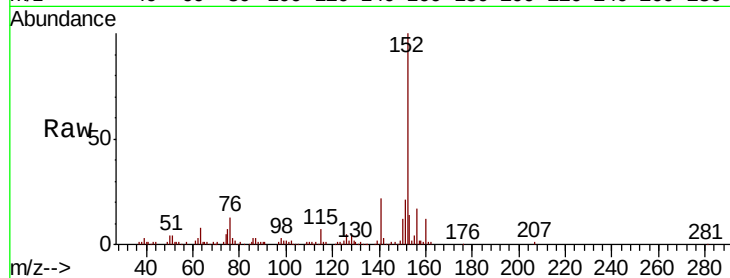
ClientSampleId :

DBGG9

Tot Ion:	152	Resp:	181000
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.5	23.3
153	14.5	10.5	15.7

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#50

Acenaphthene

Concen: 134.446 ng/ul

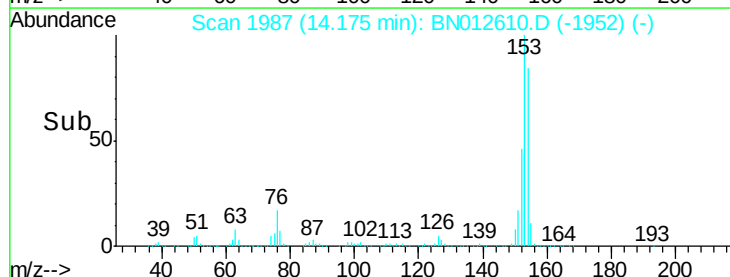
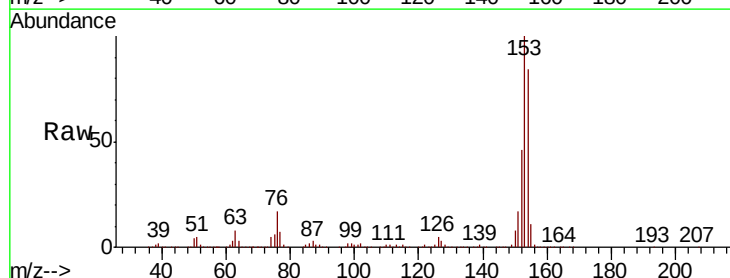
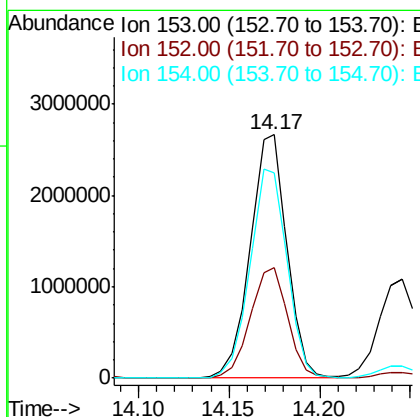
RT: 14.17 min Scan# 1987

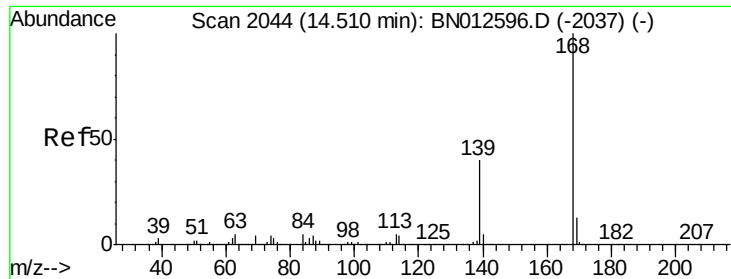
Delta R.T. 0.01 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

Tgt Ion:	153	Resp:	3745535
Ion Ratio	Lower	Upper	
153	100		
152	45.5	37.1	55.7
154	84.3	69.7	104.5





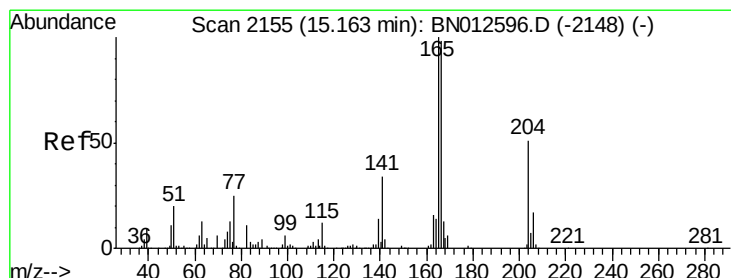
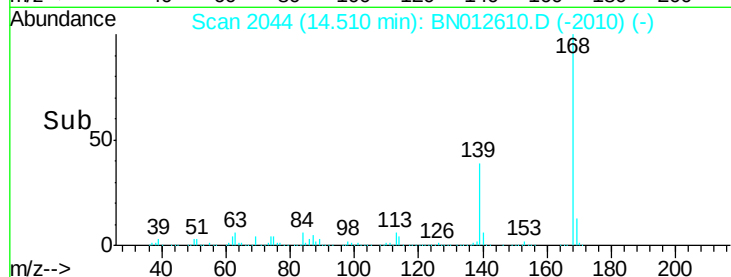
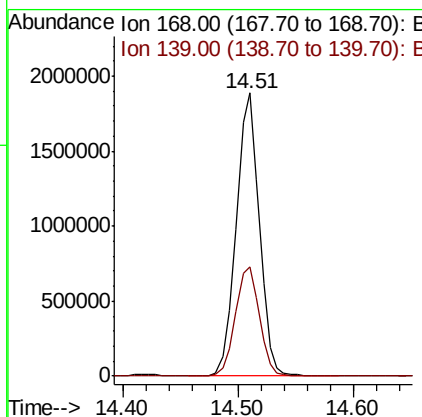
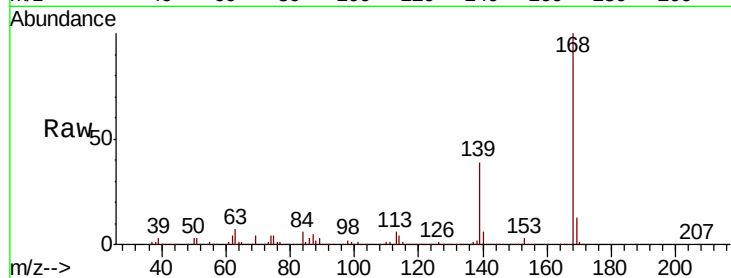
#54
Dibenzenofuran
Concen: 67.666 ng/ul
RT: 14.51 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

Instrument :
BNA_N
ClientSampleId :
DBGG9

Tot Ion:168 Resp: 2613330
Ion Ratio Lower Upper
168 100
139 38.8 30.5 45.7

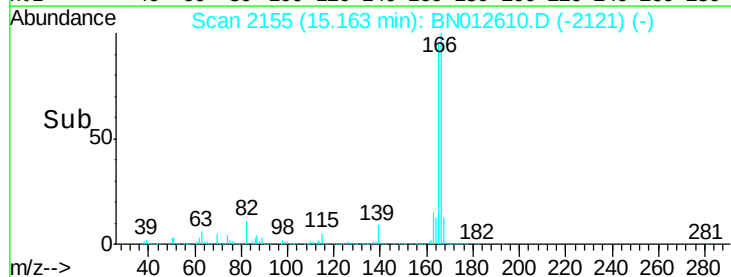
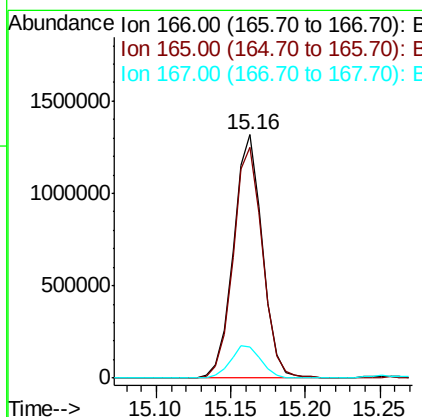
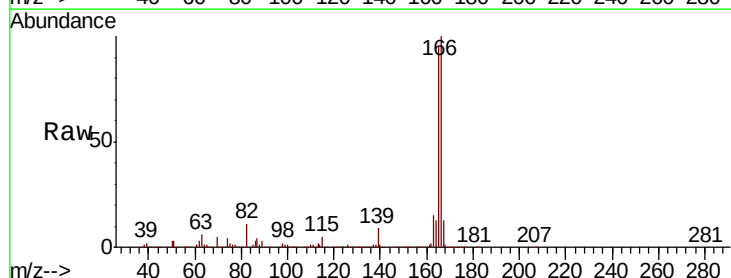
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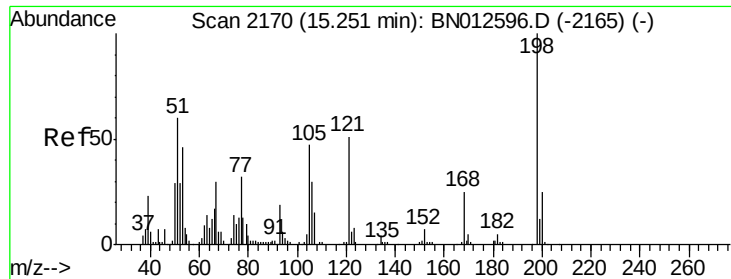
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#59
Fluorene
Concen: 54.955 ng/ul
RT: 15.16 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

Tgt Ion:166 Resp: 1773418
Ion Ratio Lower Upper
166 100
165 94.8 83.3 124.9
167 12.8 11.0 16.6





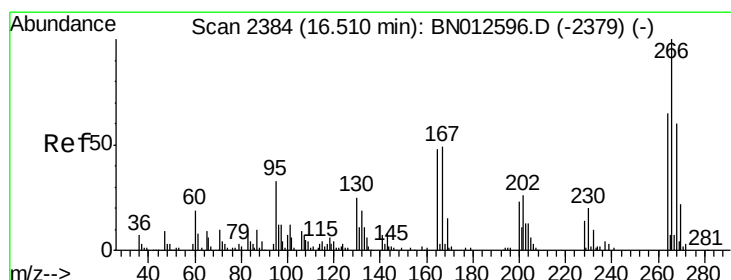
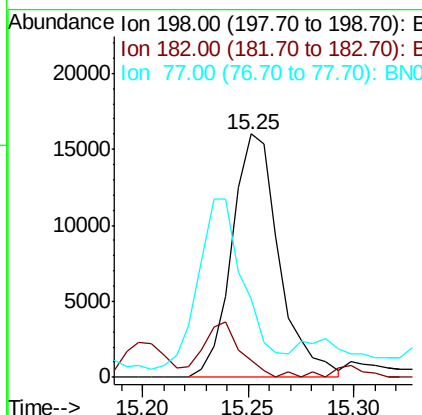
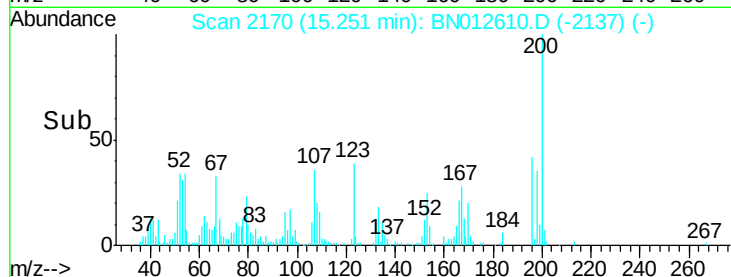
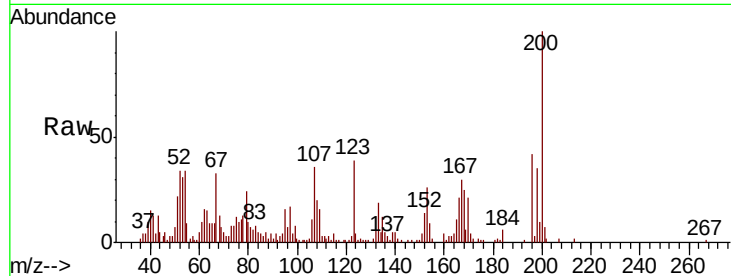
#64
4,6-Dinitro-2-methylphenol
Concen: 3.966 ng/ul
RT: 15.25 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

Instrument :
BNA_N
ClientSampled :
DBGG9

Tot Ion	Ratio	Lower	Upper
198	100		
182	6.9	3.8	5.6#
77	32.3	22.0	33.0

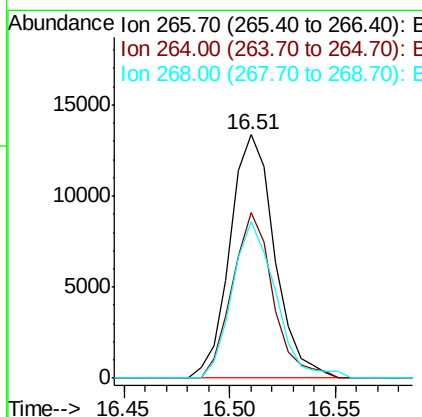
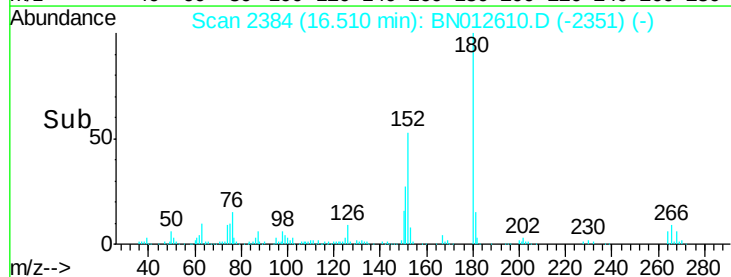
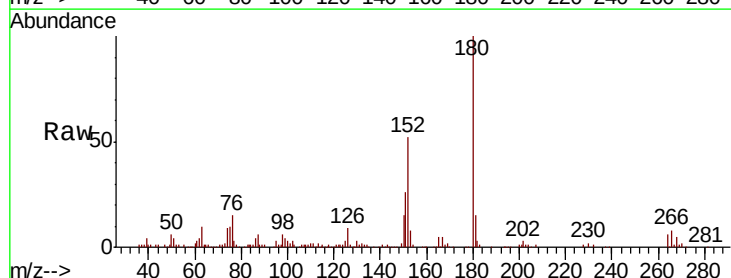
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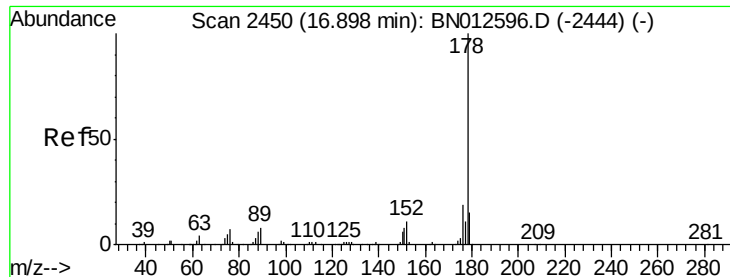
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#69
Pentachlorophenol
Concen: 2.869 ng/ul
RT: 16.51 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.1	55.0	82.6
268	64.1	56.9	85.3





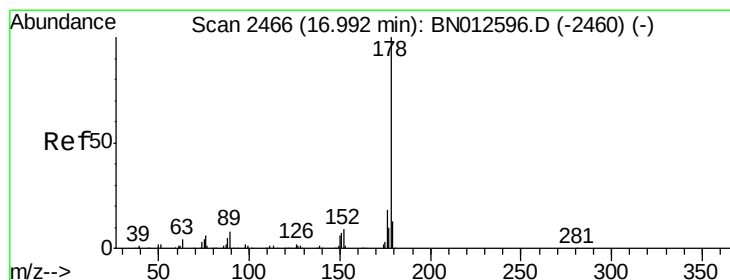
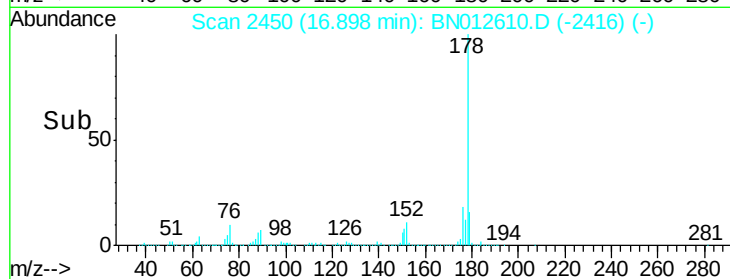
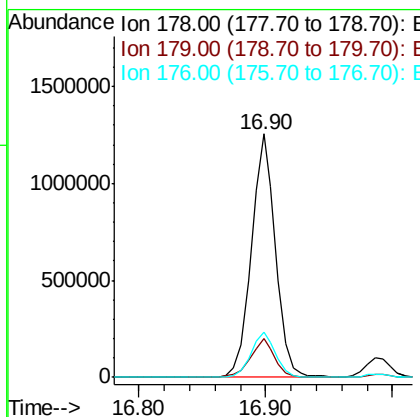
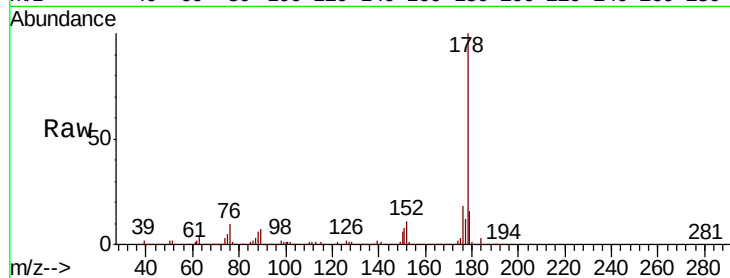
#70
Phenanthrene
Concen: 31.314 ng/ul
RT: 16.90 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

Instrument :
BNA_N
ClientSampleId :
DBGG9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.1	19.7
176	18.5	15.4	23.0

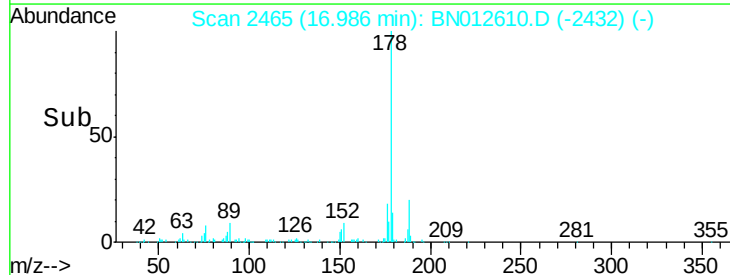
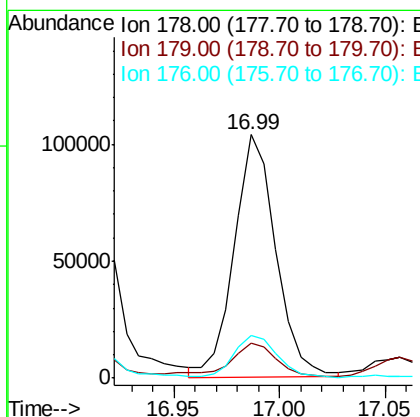
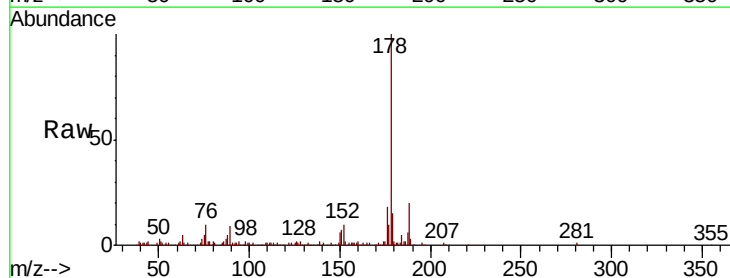
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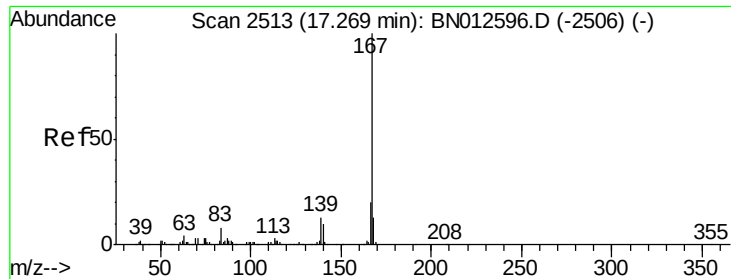
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#72
Anthracene
Concen: 2.645 ng/ul
RT: 16.99 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.4	18.6
176	17.7	14.8	22.2





#75

Carbazole

Concen: 142.248 ng/ul

RT: 17.27 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

Instrument :

BNA_N

ClientSampleId :

DBG9

Tot Ion:167 Resp: 6534535

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.8

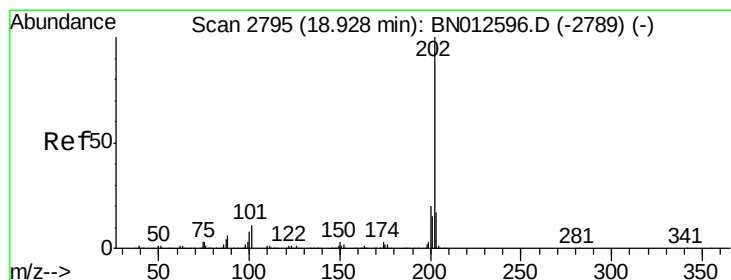
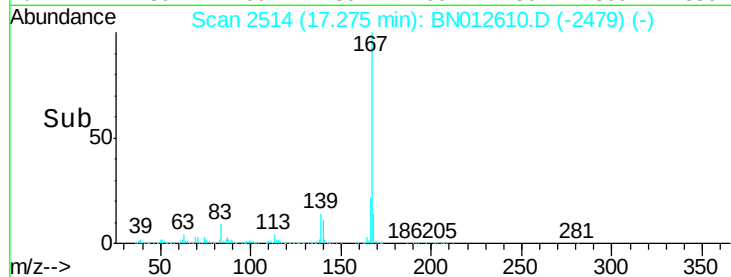
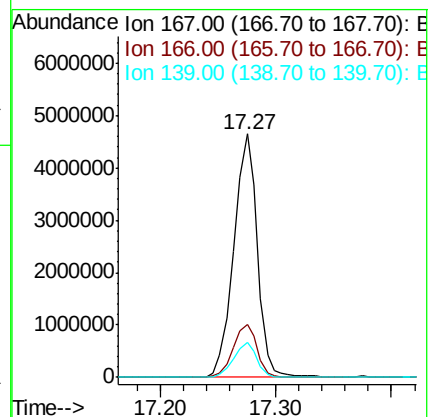
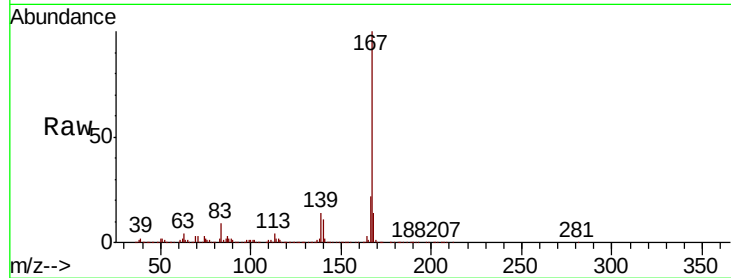
139 14.2 10.4 15.6

Manual Integrations

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#77

Fluoranthene

Concen: 1.677 ng/ul

RT: 18.92 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

Tgt Ion:202 Resp: 102431

Ion Ratio Lower Upper

202 100

101 11.6 10.2 15.2

100 8.1 7.7 11.5

