

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012634.D
 Acq On : 19 Nov 2020 15:57
 Operator : CG/JU
 Sample : L4753-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGH5

Manual Integrations
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 11/20/2020 11:30:56 AM

Quant Time: Nov 19 16:33:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 14:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	123758	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	520765	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	340557	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	762456	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	770835	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	794825	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	24368	7.02	ng/uL	0.00
5) Phenol-d5	6.63	99	93931	8.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	278164	41.94	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	297662	33.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	181926	19.77	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	187368	43.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	207028	43.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	350039	38.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	23296	2.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1450498	52.15	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1637567	49.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	41925	8.05	ng/ul	0.00
58) Fluorene-d10	15.10	176	1193475	48.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	242650	46.65	ng/ul	0.00
71) Anthracene-d10	16.95	188	2007559	51.83	ng/ul	0.00
79) Pyrene-d10	19.26	212	2322684	57.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	2393607	55.11	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.27	128	28895007m	959.808	ng/ul
34) 2-Methylnaphthalene	11.89	142	639910	30.456	ng/ul 91
41) 1,1'-Biphenyl	12.92	154	1140216	40.395	ng/ul 95
45) Dimethylphthalate	13.57	163	239414	8.545	ng/ul 97
48) Acenaphthylene	13.82	152	227893	6.854	ng/ul# 97
50) Acenaphthene	14.17	153	4582217	188.706	ng/ul 99
54) Dibenzofuran	14.51	168	3312976	98.418	ng/ul 100
59) Fluorene	15.16	166	2200832	78.245	ng/ul 95
69) Pentachlorophenol	16.51	266	28789	4.781	ng/ul 91
70) Phenanthrene	16.90	178	2146297	45.786	ng/ul 96
72) Anthracene	16.99	178	178999	3.767	ng/ul 95
75) Carbazole	17.27	167	8165899	201.338	ng/ul 99
77) Fluoranthene	18.92	202	130117	2.413	ng/ul 97
80) Pyrene	19.29	202	57080	1.040	ng/ul 97

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

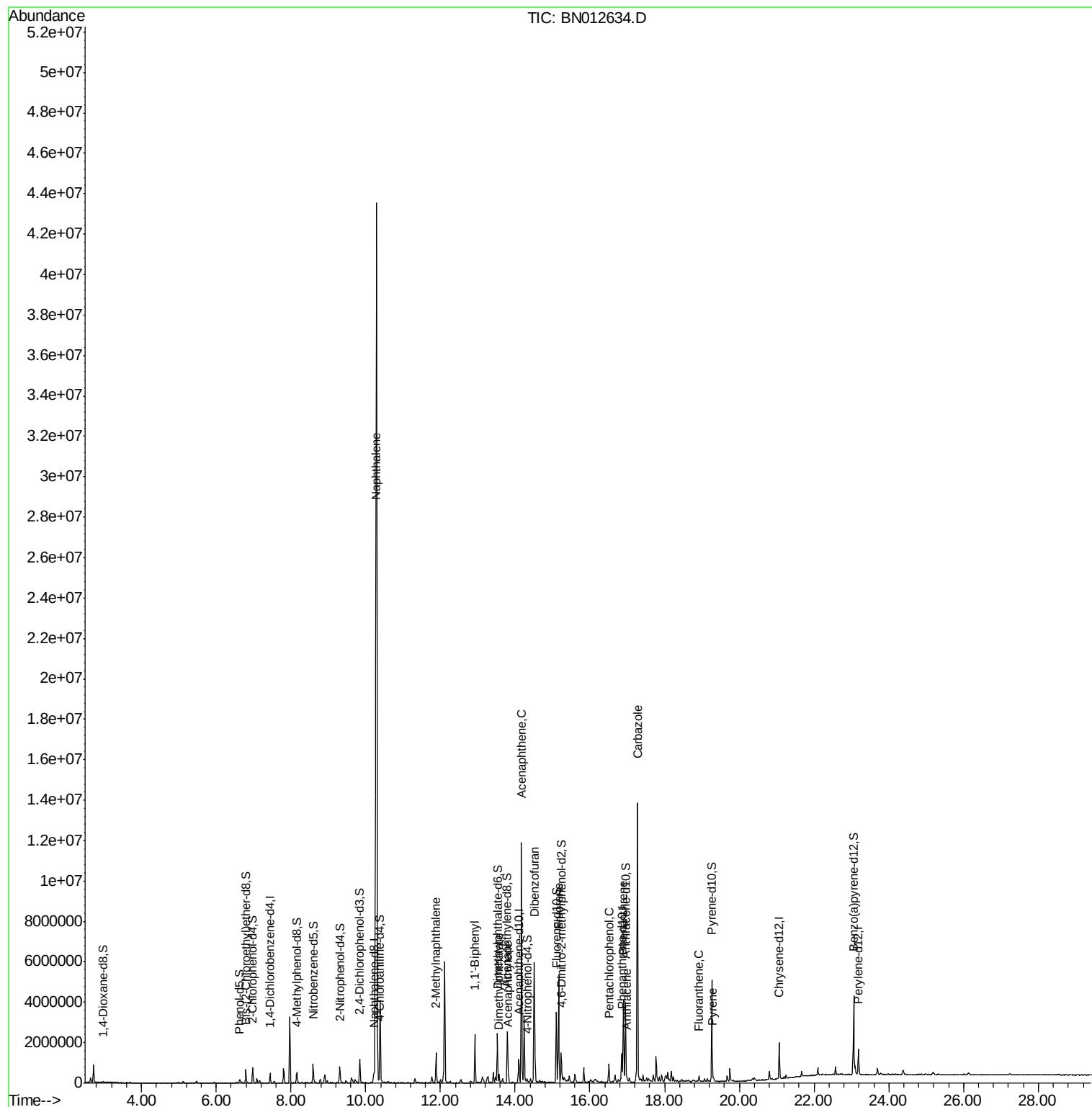
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
Data File : BN012634.D
Acq On : 19 Nov 2020 15:57
Operator : CG/JU
Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

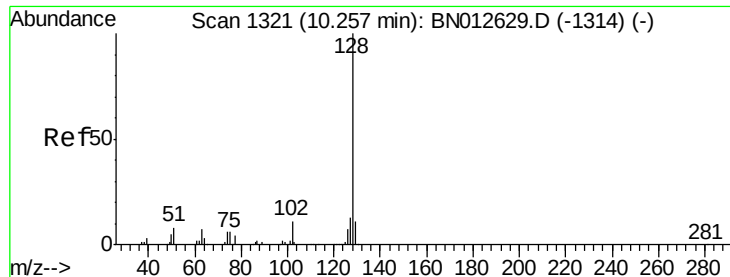
Instrument :
BNA_N
ClientSampleId :
DBGH5

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
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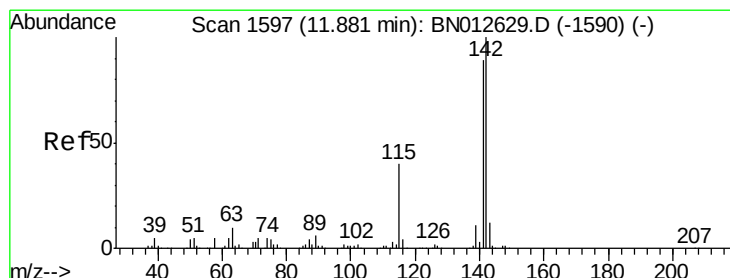
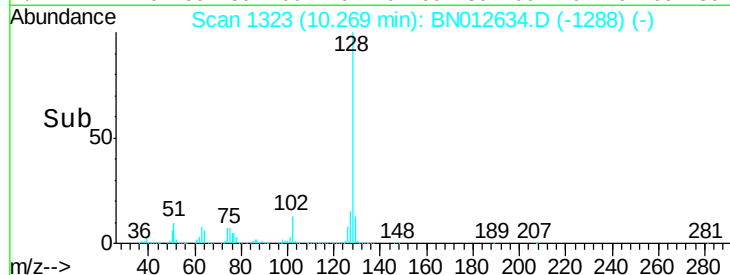
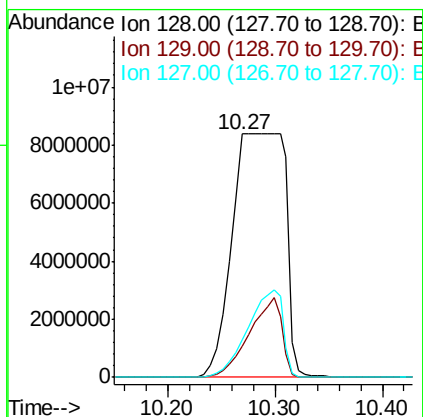
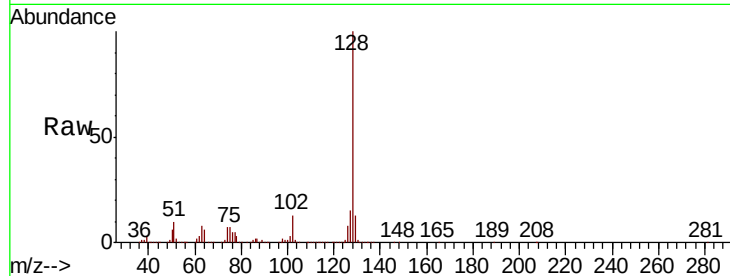
#28
Naphthalene
Concen: 959.808 ng/ul m
RT: 10.27 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BN012634.D
Acq: 19 Nov 2020 15:57

Instrument :
BNA_N
ClientSampleId :
DBGH5

Tot Ion:128 Resp:28895007
Ion Ratio Lower Upper
128 100
129 12.9 8.6 12.8#
127 15.3 11.6 17.4

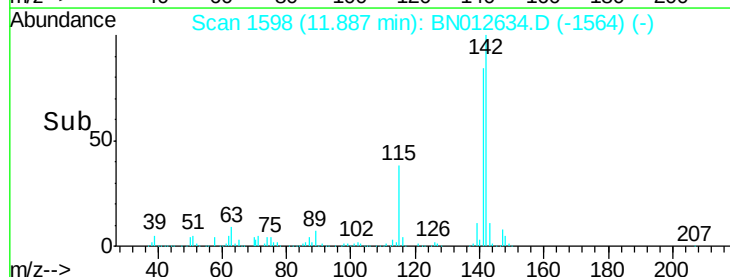
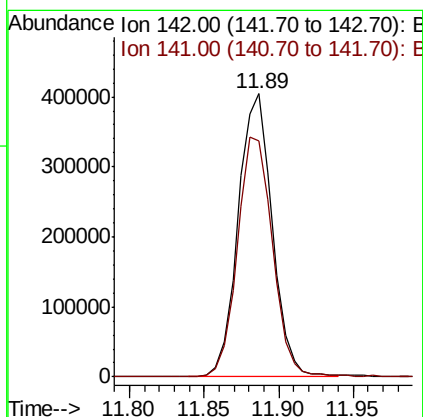
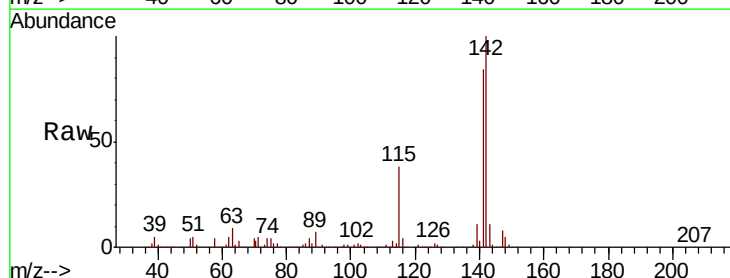
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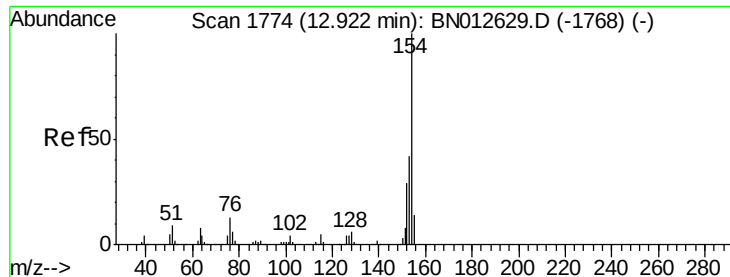
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#34
2-Methylnaphthalene
Concen: 30.456 ng/ul
RT: 11.89 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BN012634.D
Acq: 19 Nov 2020 15:57

Tgt Ion:142 Resp: 639910
Ion Ratio Lower Upper
142 100
141 83.5 73.8 110.8





#41

1,1'-Biphenyl

Concen: 40.395 ng/ul

RT: 12.92 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BN012634.D

Acq: 19 Nov 2020 15:57

Instrument :

BNA_N

ClientSampled :

DBGH5

Tot Ion:154 Resp: 1140216

Ion Ratio Lower Upper

154 100

153 42.1 31.4 47.0

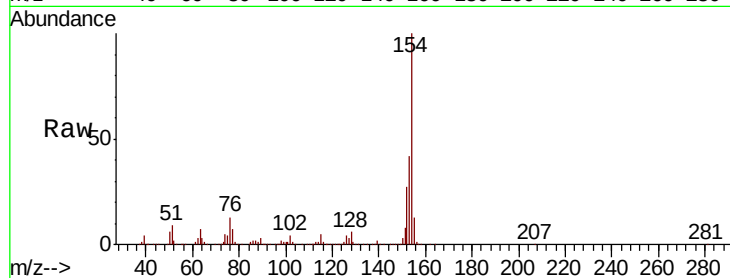
76 13.3 9.3 13.9

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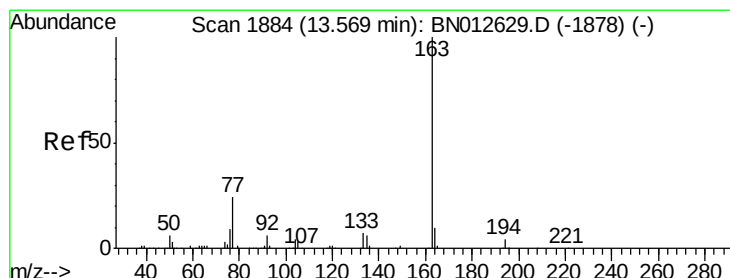
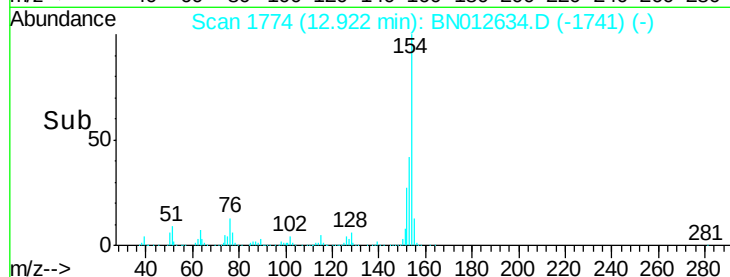
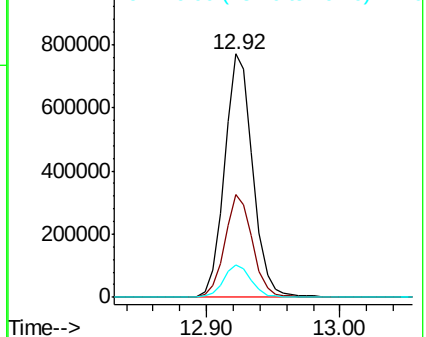


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#45

Dimethylphthalate

Concen: 8.545 ng/ul

RT: 13.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN012634.D

Acq: 19 Nov 2020 15:57

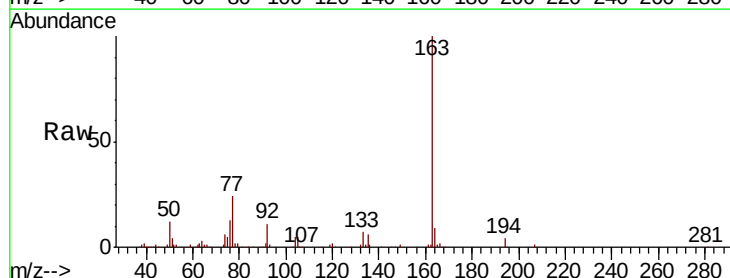
Tgt Ion:163 Resp: 239414

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 9.4 8.6 13.0

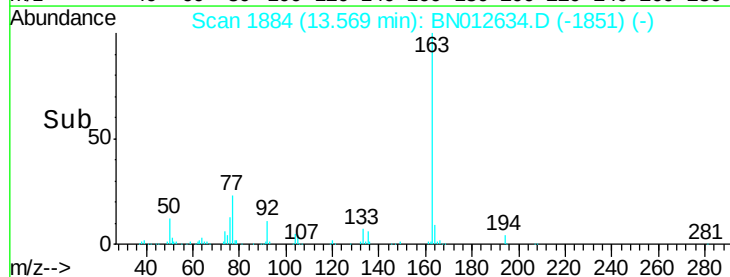
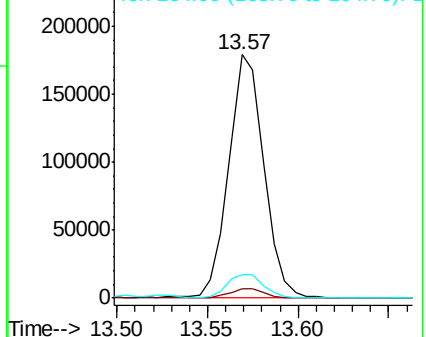


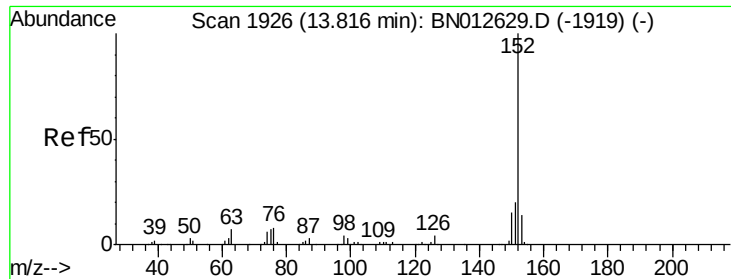
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 6.854 ng/ul

RT: 13.82 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BN012634.D

Acq: 19 Nov 2020 15:57

Instrument :

BNA_N

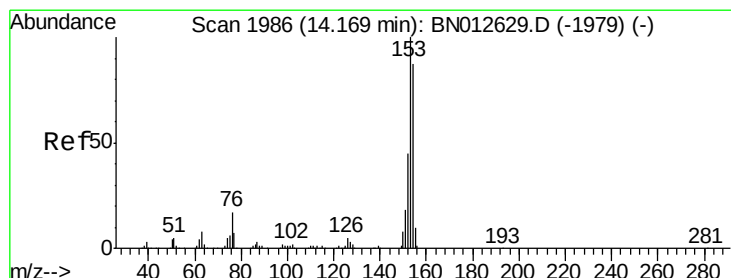
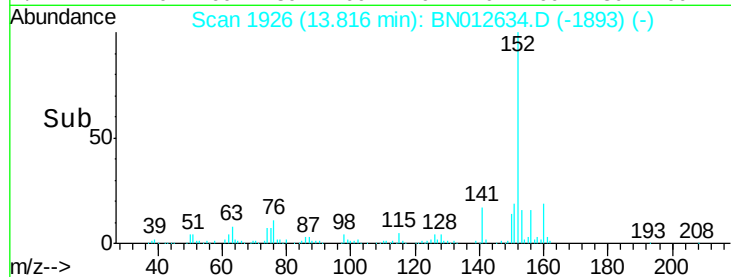
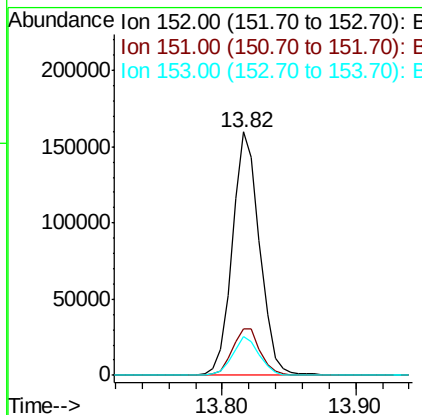
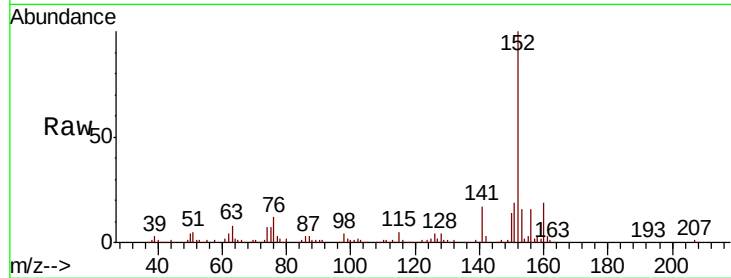
ClientSampleId :

DBGH5

Tot Ion:	152	Resp:	227893
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.5	23.3
153	15.8	10.5	15.7#

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#50

Acenaphthene

Concen: 188.706 ng/ul

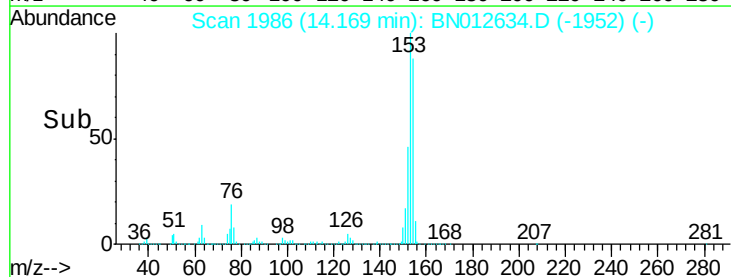
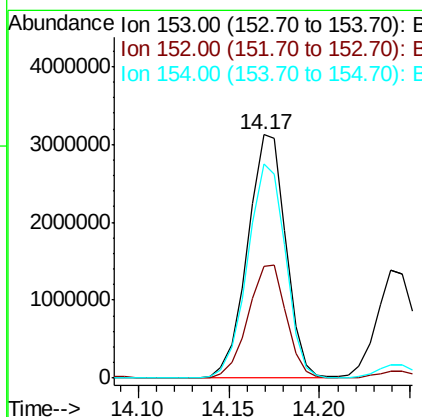
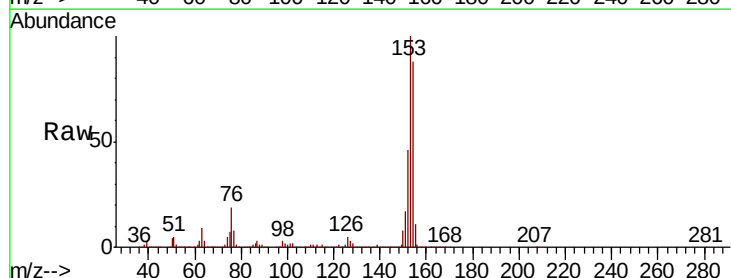
RT: 14.17 min Scan# 1986

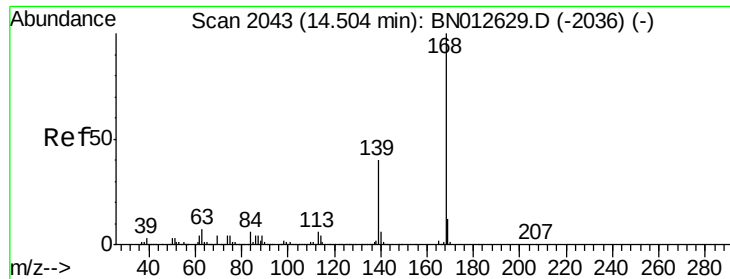
Delta R.T. 0.00 min

Lab File: BN012634.D

Acq: 19 Nov 2020 15:57

Tgt Ion:	153	Resp:	4582217
Ion Ratio	Lower	Upper	
153	100		
152	46.1	37.1	55.7
154	88.2	69.7	104.5





#54

Dibenzofuran

Concen: 98.418 ng/ul

RT: 14.51 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BN012634.D

Acq: 19 Nov 2020 15:57

Instrument :

BNA_N

ClientSampled :

DBGH5

Tot Ion:168 Resp: 3312976

Ion Ratio Lower Upper

168 100

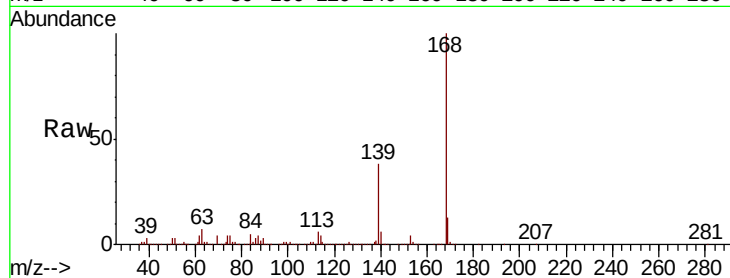
139 38.3 30.5 45.7

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

2500000

2000000

1500000

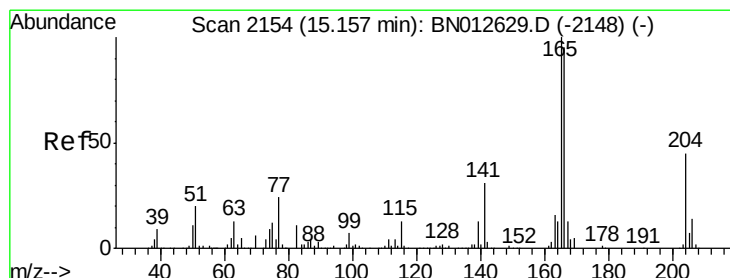
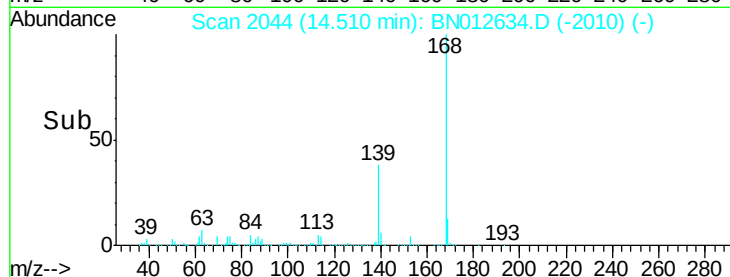
1000000

500000

0

14.40 14.50 14.60

Time-->



#59

Fluorene

Concen: 78.245 ng/ul

RT: 15.16 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN012634.D

Acq: 19 Nov 2020 15:57

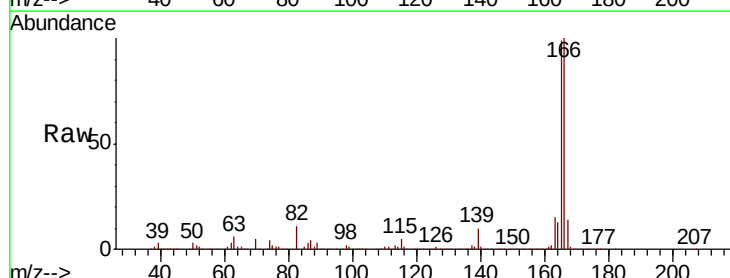
Tgt Ion:166 Resp: 2200832

Ion Ratio Lower Upper

166 100

165 98.7 83.3 124.9

167 13.8 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

2000000

1500000

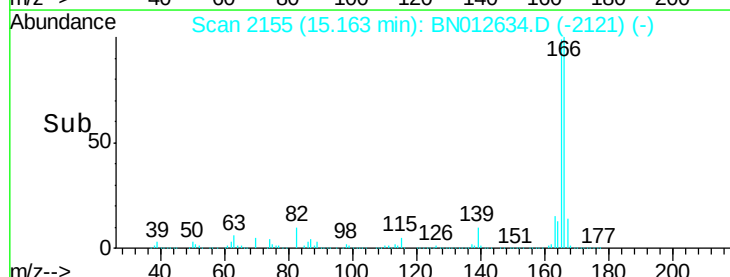
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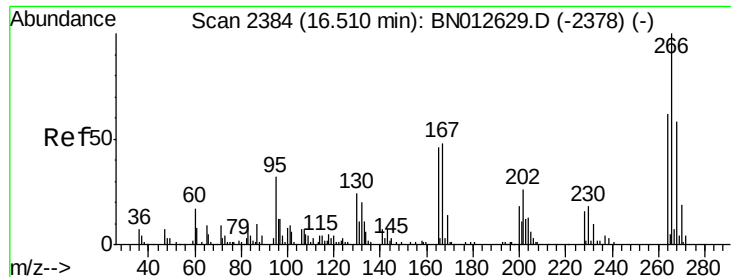
500000

0

15.10 15.15 15.20 15.25

Time-->





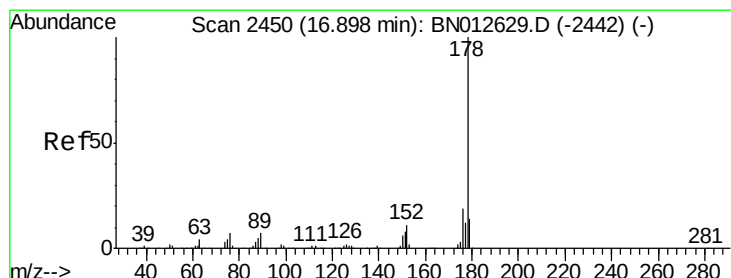
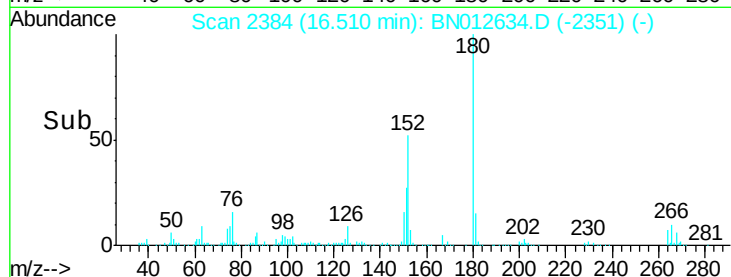
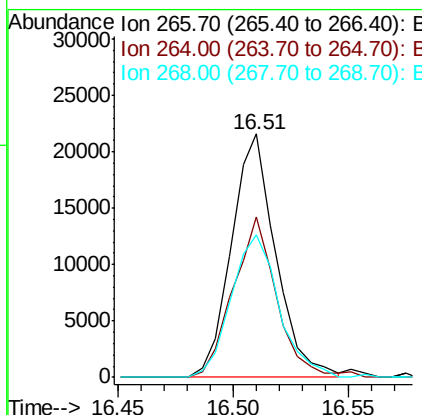
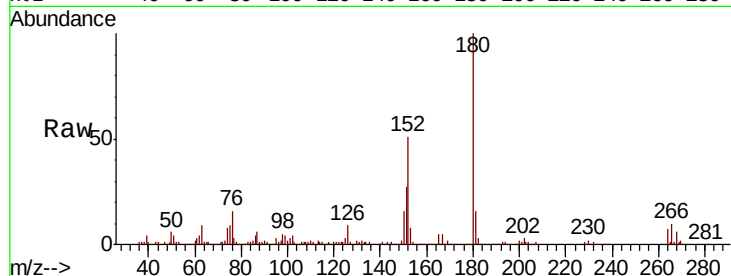
#69
 Pentachlorophenol
 Concen: 4.781 ng/ul
 RT: 16.51 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BN012634.D
 Acq: 19 Nov 2020 15:57

Instrument :
 BNA_N
 ClientSampleId :
 DBGH5

Tot Ion	Ratio	Lower	Upper
266	100		
264	66.0	55.0	82.6
268	58.6	56.9	85.3

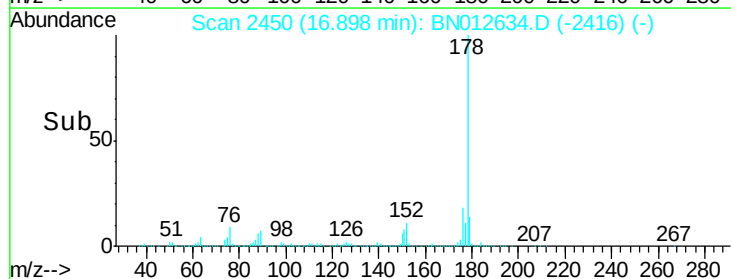
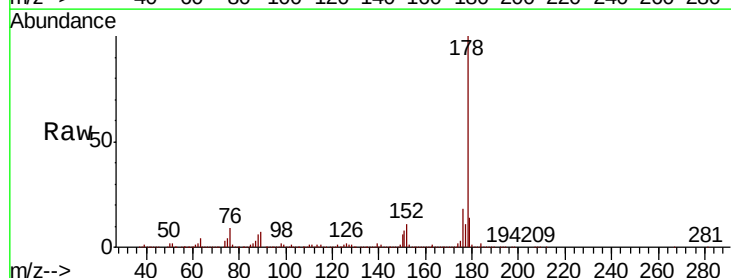
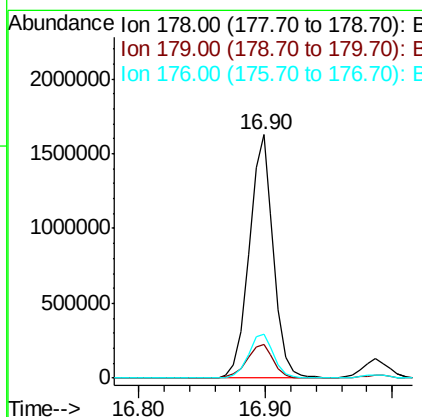
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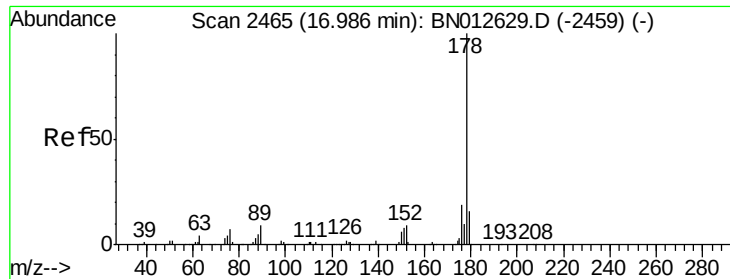
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#70
 Phenanthrene
 Concen: 45.786 ng/ul
 RT: 16.90 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BN012634.D
 Acq: 19 Nov 2020 15:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.0	13.1	19.7
176	18.0	15.4	23.0





#72

Anthracene

Concen: 3.767 ng/ul

RT: 16.99 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BN012634.D

Acq: 19 Nov 2020 15:57

Instrument :

BNA_N

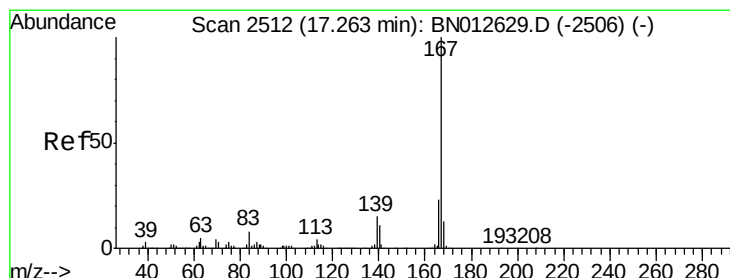
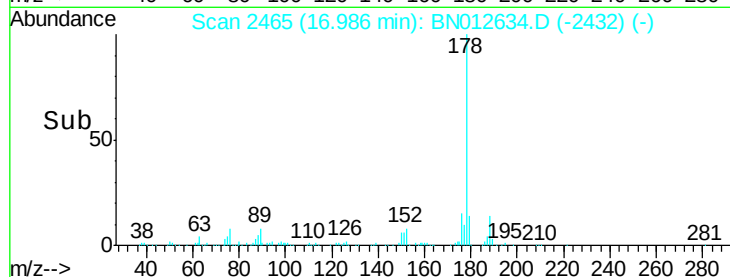
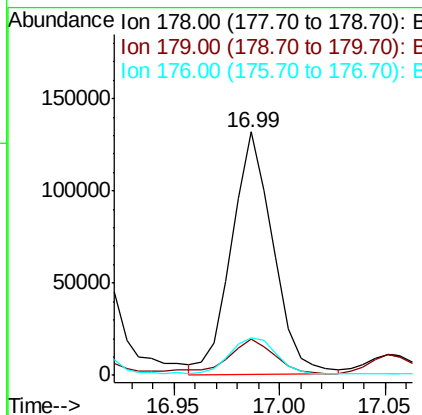
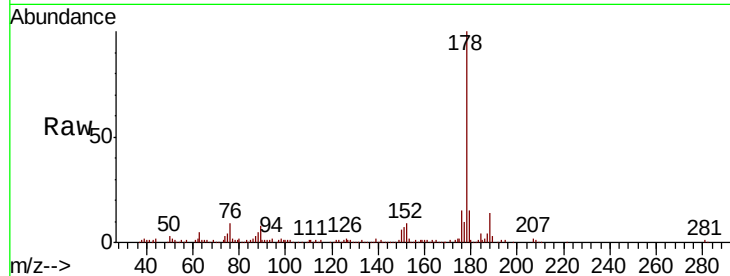
ClientSampleId :

DBGH5

Tot Ion:	178	Resp:	178999
Ion Ratio	Lower	Upper	
178	100		
179	14.7	12.4	18.6
176	15.2	14.8	22.2

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#75

Carbazole

Concen: 201.338 ng/ul

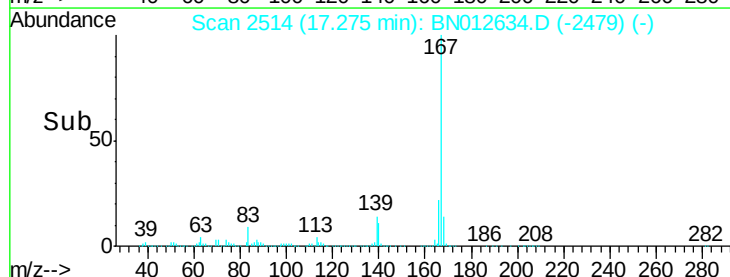
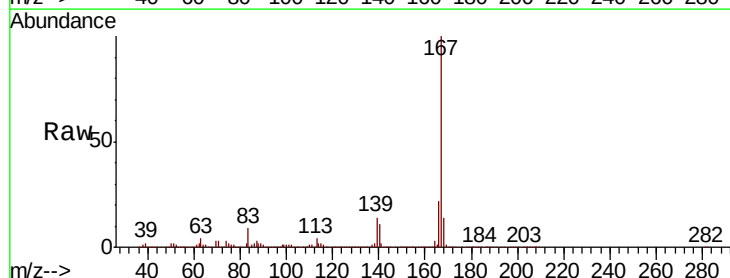
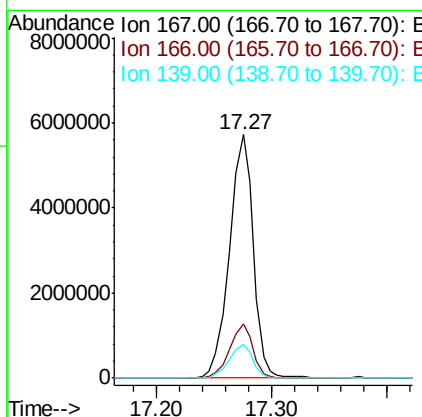
RT: 17.27 min Scan# 2514

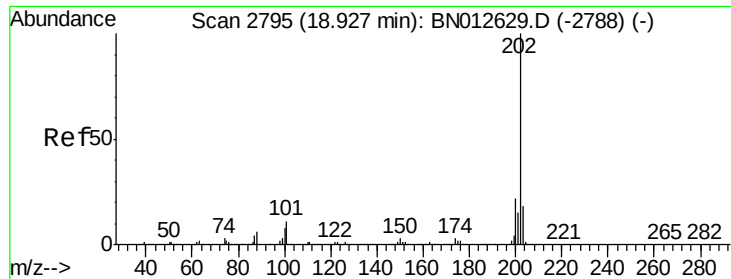
Delta R.T. 0.01 min

Lab File: BN012634.D

Acq: 19 Nov 2020 15:57

Tgt Ion:	167	Resp:	8165899
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.8	26.8
139	13.6	10.4	15.6





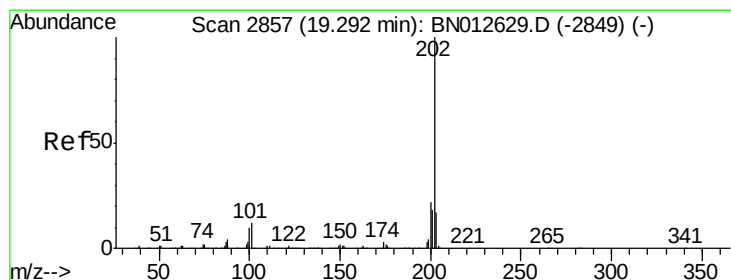
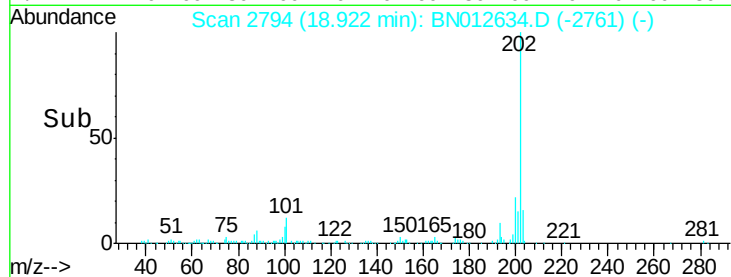
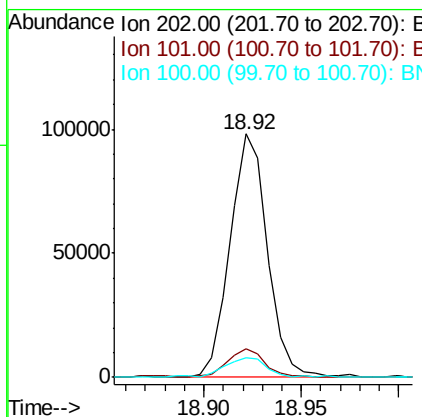
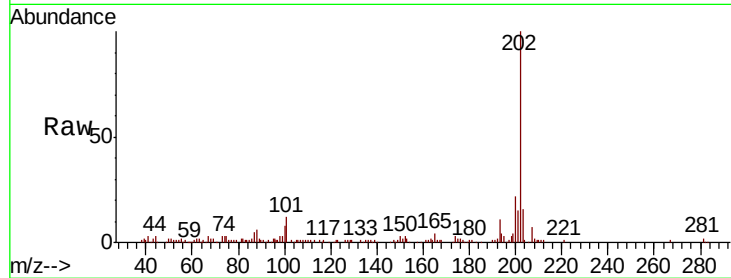
#77
Fluoranthene
Concen: 2.413 ng/ul
RT: 18.92 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BN012634.D
Acq: 19 Nov 2020 15:57

Instrument :
BNA_N
ClientSampleId :
DBGH5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	130117		
101	11.7	10.2	15.2	
100	8.1	7.7	11.5	

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#80
Pyrene
Concen: 1.040 ng/ul
RT: 19.29 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BN012634.D
Acq: 19 Nov 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	57080		
101	11.8	10.1	15.1	
100	12.5	8.5	12.7	

