

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012628.D
 Acq On : 19 Nov 2020 12:21
 Operator : CG/JU
 Sample : L4753-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGH4

Manual Integrations
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Quant Time: Nov 19 14:05:34 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	174413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	746294	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	489839	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1081316	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1100151	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1159888	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	26106	5.33	ng/uL	0.00
5) Phenol-d5	6.63	99	112153	7.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	293308	31.38	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	323042	26.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	213135	16.44	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	190396	31.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	225089	33.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	377944	29.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	63992m	5.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1414907	35.37	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1669859	34.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	50459	6.74	ng/ul	0.00
58) Fluorene-d10	15.10	176	1181513	33.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	273446	37.07	ng/ul	0.00
71) Anthracene-d10	16.95	188	1991041	36.25	ng/ul	0.00
79) Pyrene-d10	19.26	212	2293937	39.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	2378212	37.52	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.27	128	31208756m	723.385	ng/ul
34) 2-Methylnaphthalene	11.89	142	2944547	97.793	ng/ul 100
40) 2,4,5-Trichlorophenol	12.59	196	21925	2.078	ng/ul 92
41) 1,1'-Biphenyl	12.92	154	814171	20.054	ng/ul 97
45) Dimethylphthalate	13.57	163	91518	2.271	ng/ul 99
48) Acenaphthylene	13.82	152	216727	4.532	ng/ul 97
50) Acenaphthene	14.17	153	2020716	57.857	ng/ul 96
54) Dibenzofuran	14.51	168	2420320	49.988	ng/ul 100
56) 2,3,4,6-Tetrachlorophenol	14.74	232	80190	8.762	ng/ul 98
59) Fluorene	15.16	166	1323389	32.711	ng/ul 95
69) Pentachlorophenol	16.51	266	247566	28.992	ng/ul 89
70) Phenanthrene	16.90	178	1423740	21.416	ng/ul 98
72) Anthracene	16.99	178	117023	1.736	ng/ul 99
75) Carbazole	17.27	167	6574611	114.302	ng/ul 99

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

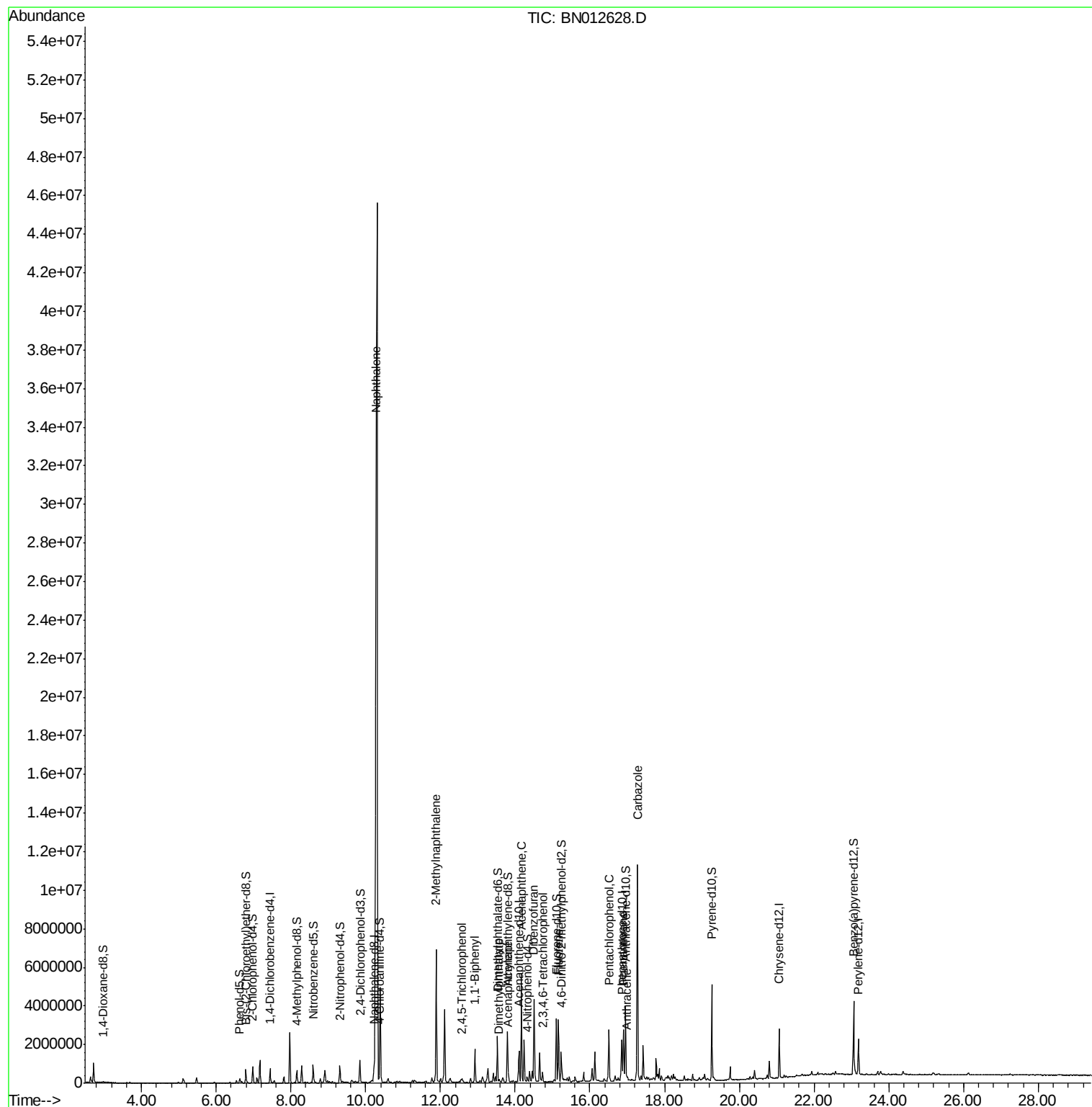
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012628.D
Acq On : 19 Nov 2020 12:21
Operator : CG/JU
Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

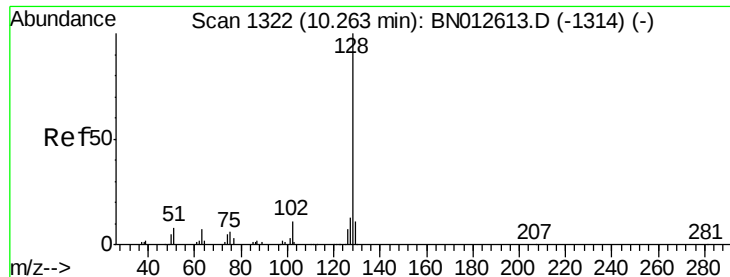
Instrument :
BNA_N
ClientSampleId :
DBGH4

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Quant Time: Nov 19 14:05:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
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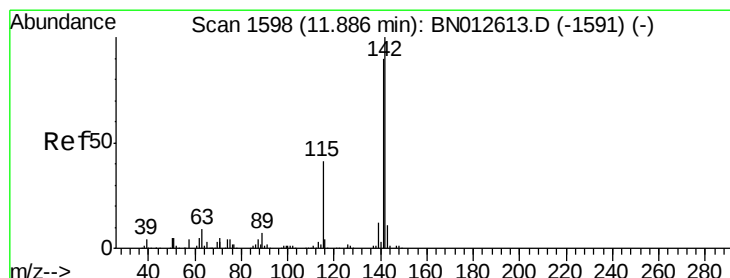
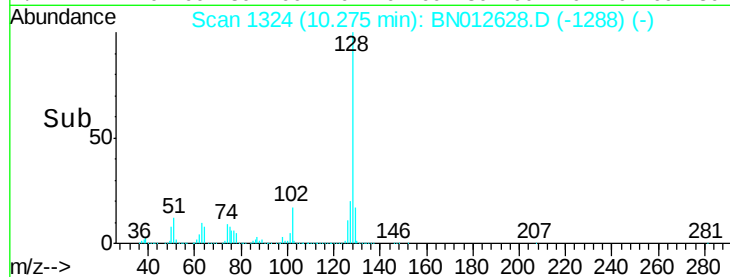
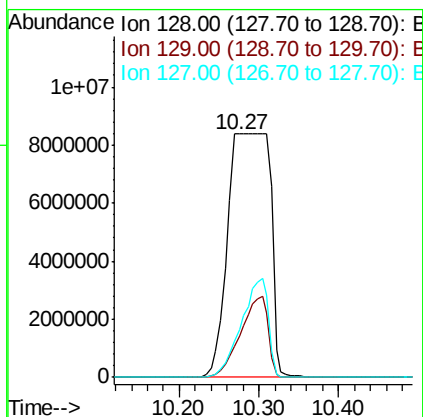
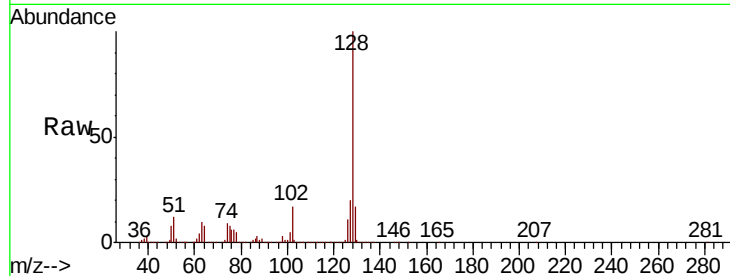
#28
Naphthalene
Concen: 723.385 ng/ul m
RT: 10.27 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BN012628.D
Acq: 19 Nov 2020 12:21

Instrument :
BNA_N
ClientSampleId :
DBGH4

Tot Ion:128 Resp:31208756
Ion Ratio Lower Upper
128 100
129 16.8 8.6 12.8#
127 19.6 11.6 17.4#

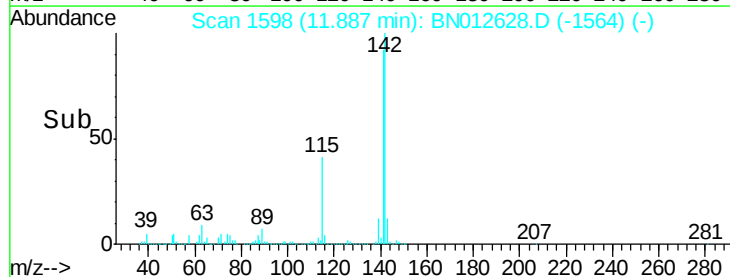
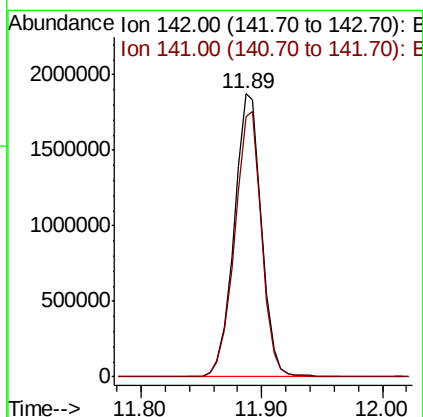
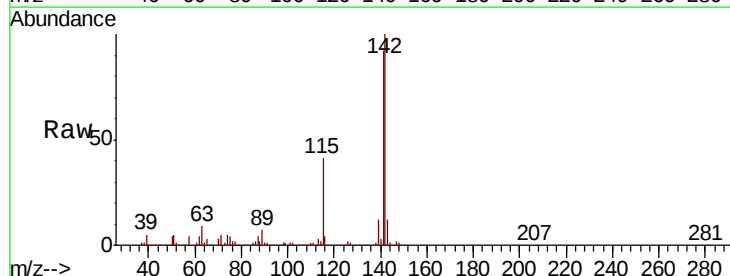
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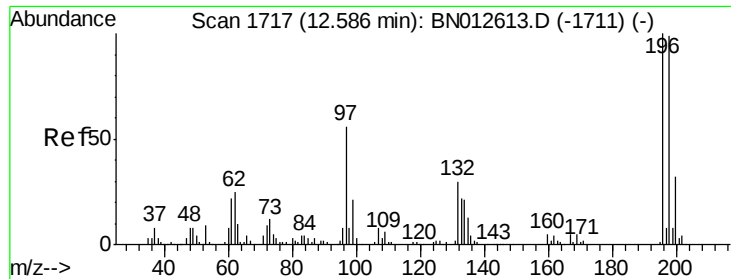
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#34
2-Methylnaphthalene
Concen: 97.793 ng/ul
RT: 11.89 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BN012628.D
Acq: 19 Nov 2020 12:21

Tgt Ion:142 Resp: 2944547
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.8





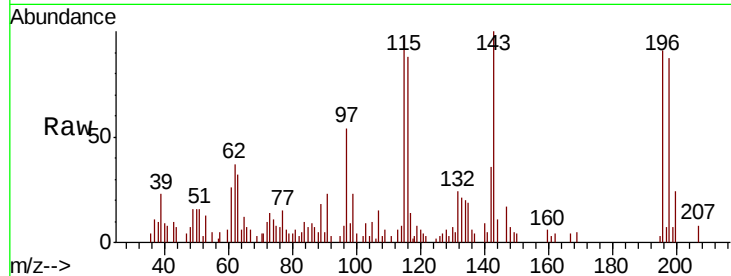
#40
 2,4,5-Trichlorophenol
 Concen: 2.078 ng/ul
 RT: 12.59 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BN012628.D
 Acq: 19 Nov 2020 12:21

Instrument :
 BNA_N
 ClientSampled :
 DBGH4

Tot Ion	Ratio	Resp	Lower	Upper
196	100	21925		
198	96.6	83.8	125.6	
200	26.4	23.8	35.6	

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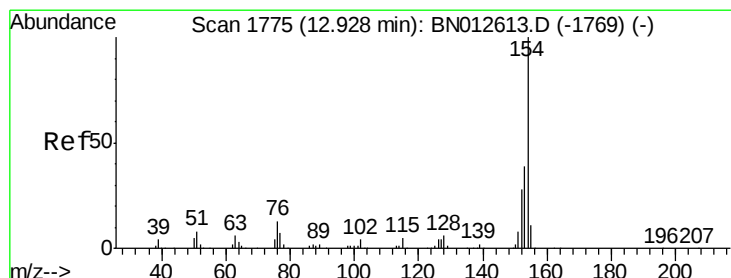
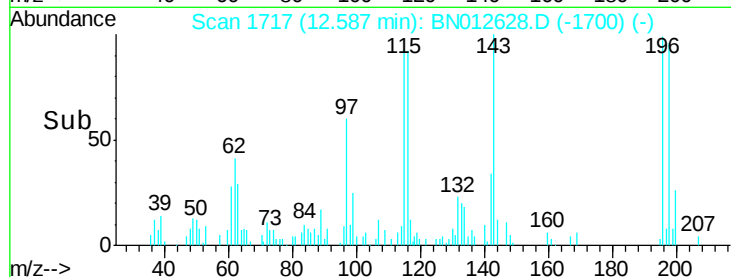
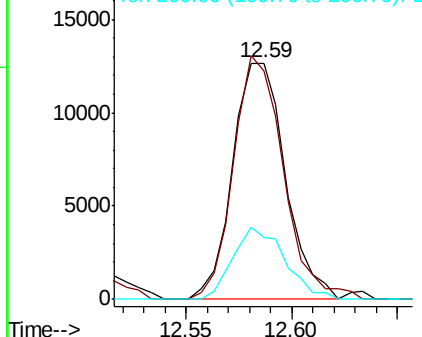


Abundance

Ion 196.00 (195.70 to 196.70): E

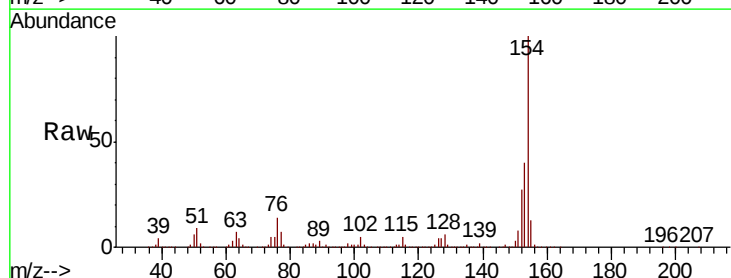
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#41
 1,1'-Biphenyl
 Concen: 20.054 ng/ul
 RT: 12.92 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BN012628.D
 Acq: 19 Nov 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	814171		
153	40.4	31.4	47.0	
76	13.6	9.3	13.9	

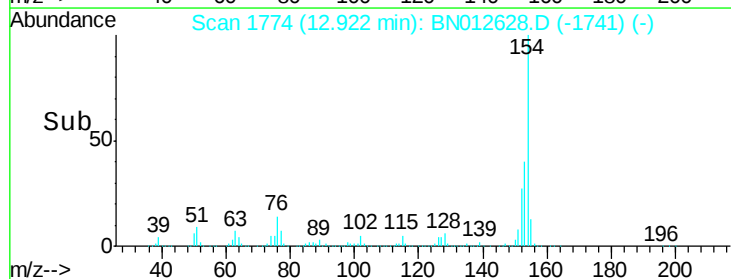
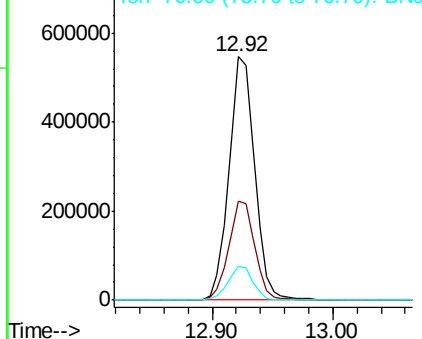


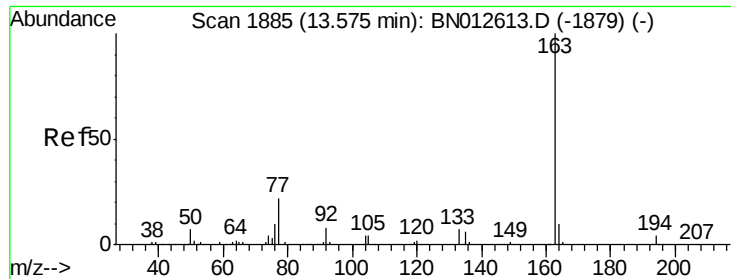
Abundance

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





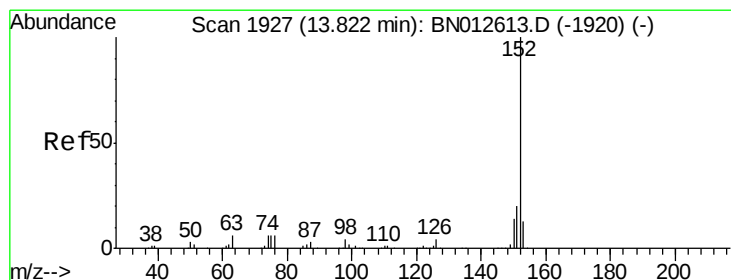
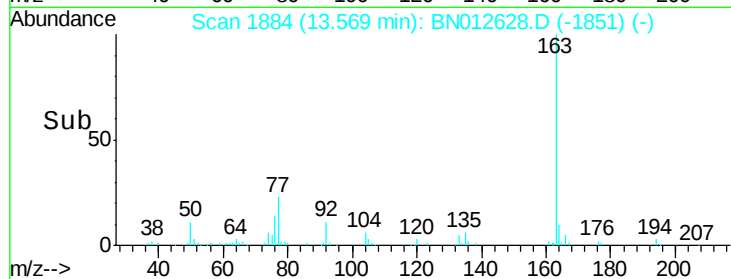
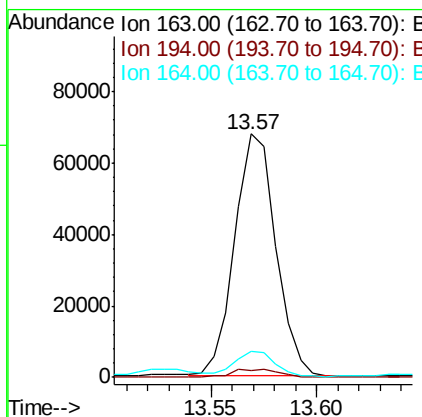
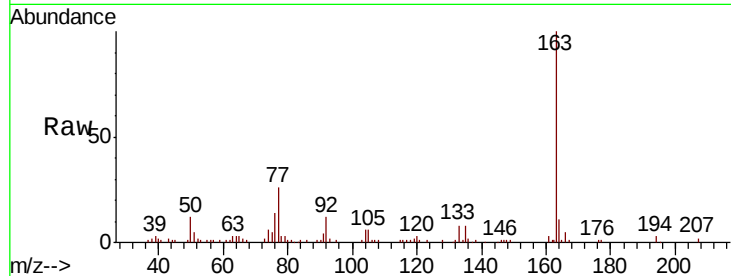
#45
Dimethylphthalate
Concen: 2.271 ng/ul
RT: 13.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN012628.D
Acq: 19 Nov 2020 12:21

Instrument :
BNA_N
ClientSampleId :
DBGH4

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.6	8.6	13.0

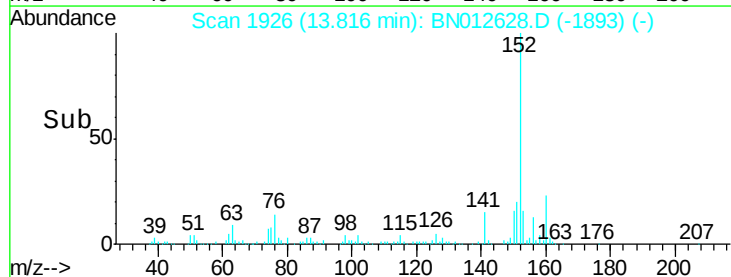
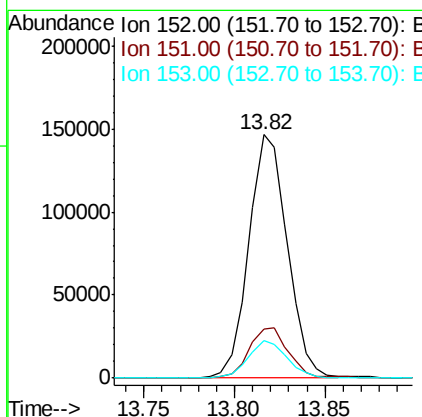
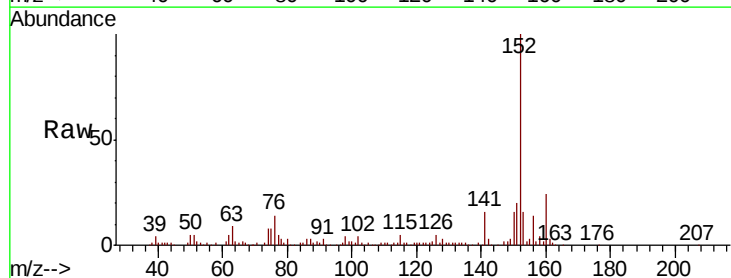
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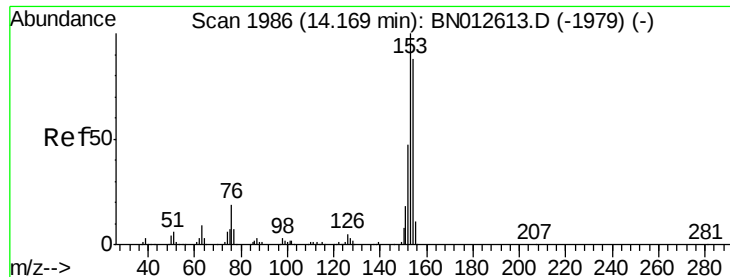
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#48
Acenaphthylene
Concen: 4.532 ng/ul
RT: 13.82 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BN012628.D
Acq: 19 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	15.5	10.5	15.7





#50

Acenaphthene

Concen: 57.857 ng/ul

RT: 14.17 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BN012628.D

Acq: 19 Nov 2020 12:21

Instrument :

BNA_N

ClientSampleId :

DBGH4

Tot Ion:153 Resp: 2020716

Ion Ratio Lower Upper

153 100

152 43.6 37.1 55.7

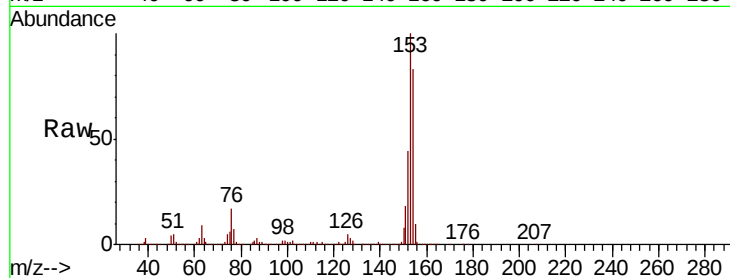
154 82.9 69.7 104.5

Manual Integrations

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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

14.17

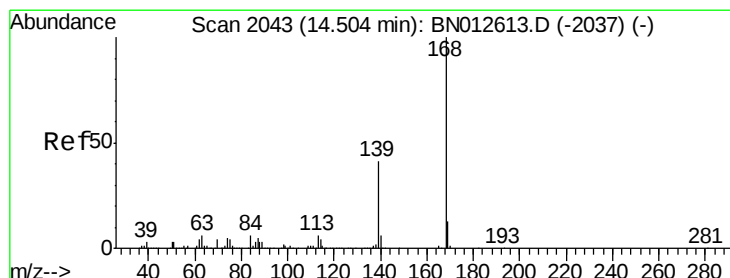
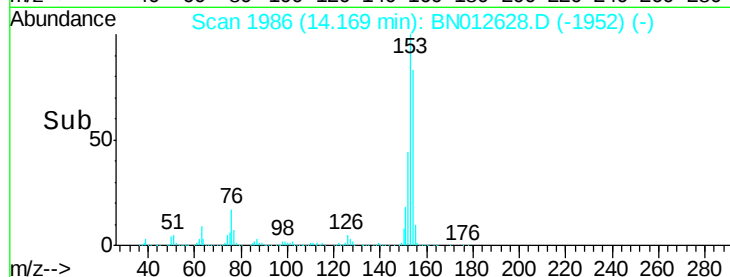
1500000

1000000

500000

0

Time--> 14.10 14.15 14.20



#54

Dibenzofuran

Concen: 49.988 ng/ul

RT: 14.51 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BN012628.D

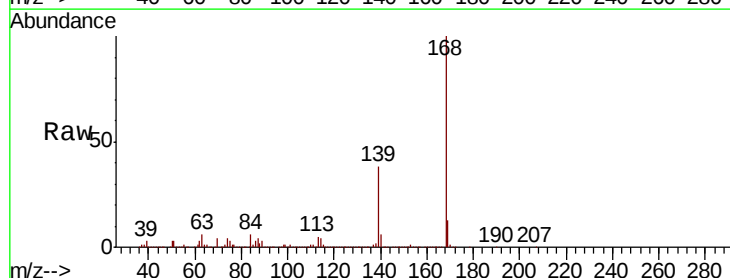
Acq: 19 Nov 2020 12:21

Tgt Ion:168 Resp: 2420320

Ion Ratio Lower Upper

168 100

139 38.2 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

2000000

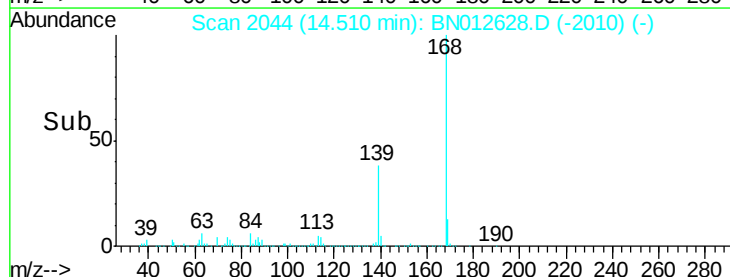
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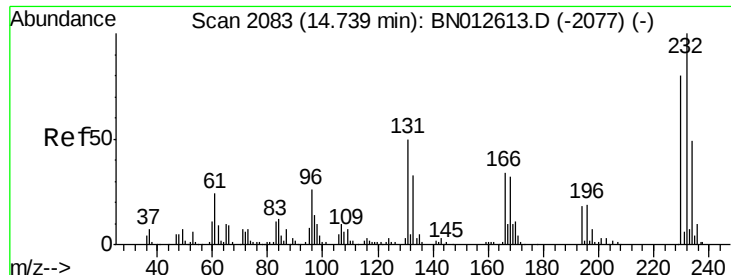
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500000

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Time--> 14.40 14.50 14.60





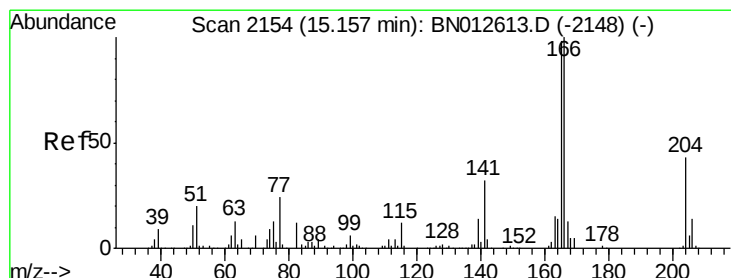
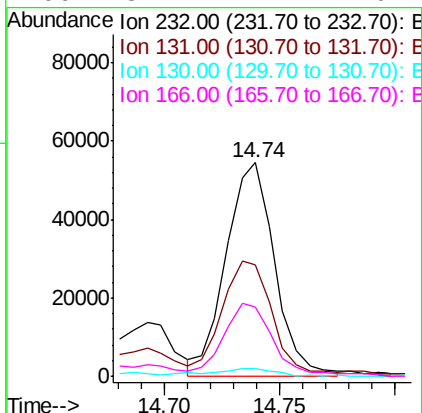
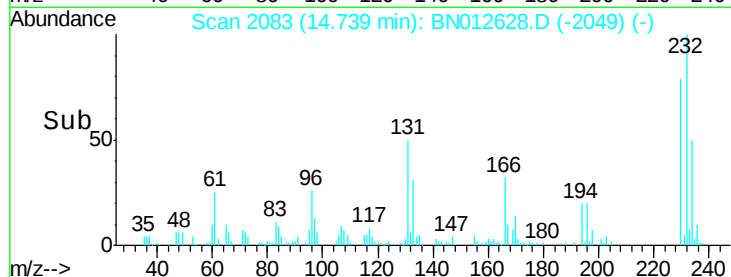
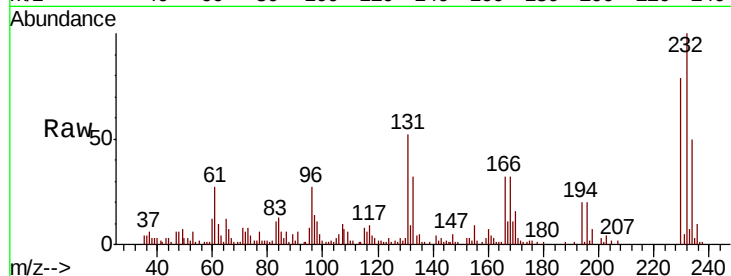
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 8.762 ng/ul
 RT: 14.74 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BN012628.D
 Acq: 19 Nov 2020 12:21

Instrument :
 BNA_N
 ClientSampled :
 DBGH4

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.1	42.9	64.3
130	3.5	2.5	3.7
166	32.4	27.1	40.7

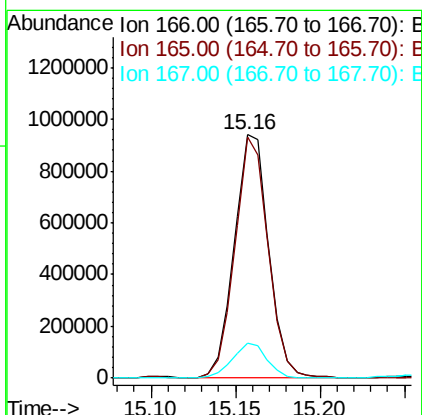
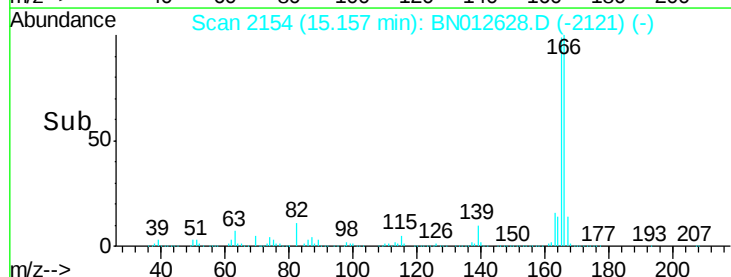
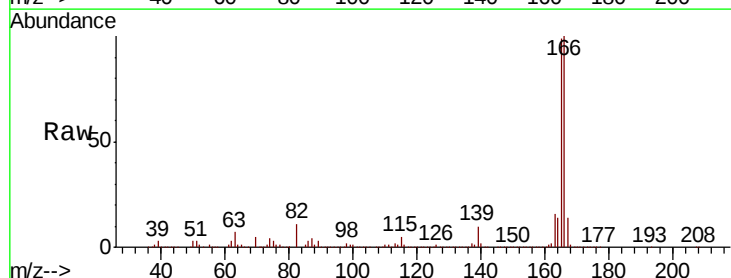
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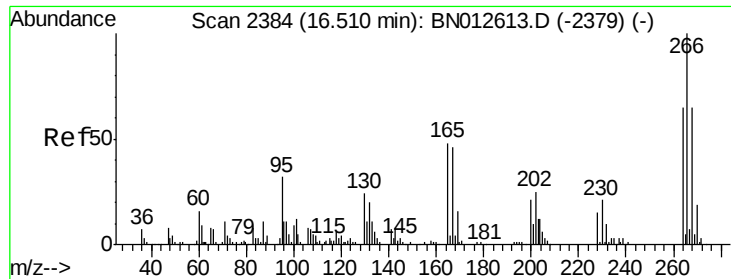
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#59
 Fluorene
 Concen: 32.711 ng/ul
 RT: 15.16 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BN012628.D
 Acq: 19 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	83.3	124.9
167	14.2	11.0	16.6





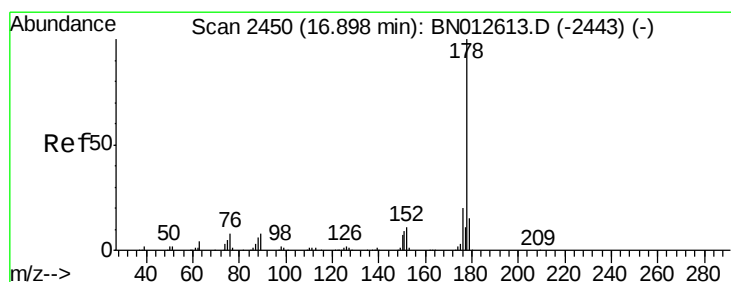
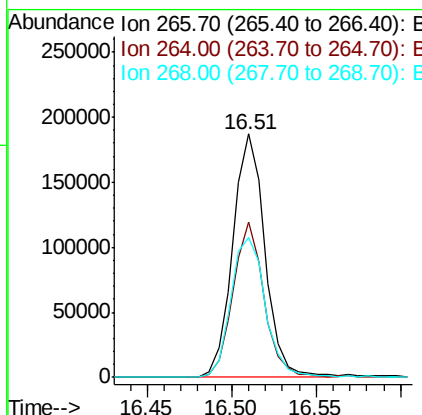
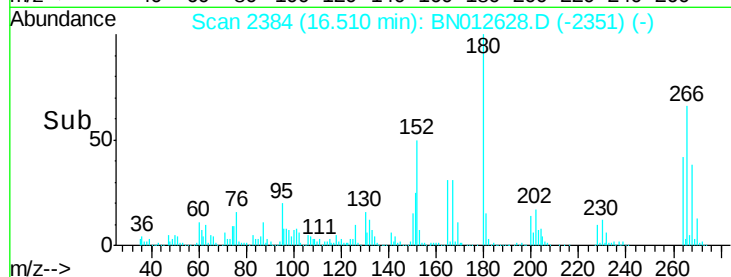
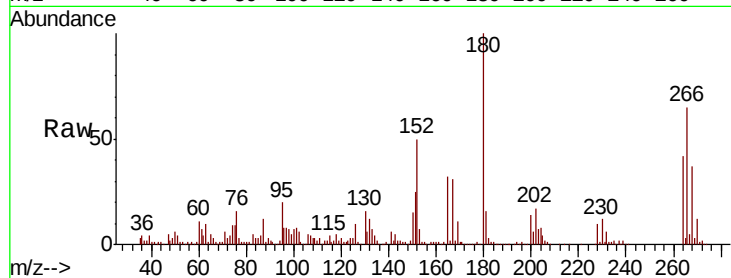
#69
 Pentachlorophenol
 Concen: 28.992 ng/ul
 RT: 16.51 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BN012628.D
 Acq: 19 Nov 2020 12:21

Instrument :
 BNA_N
 ClientSampled :
 DBGH4

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.9	55.0	82.6
268	57.5	56.9	85.3

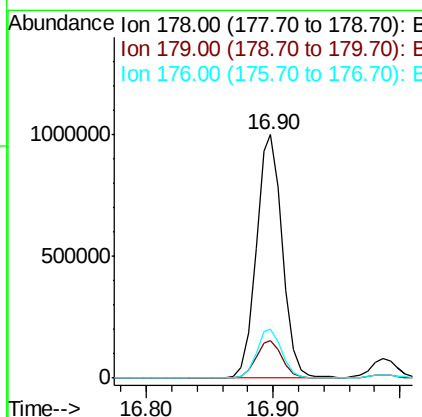
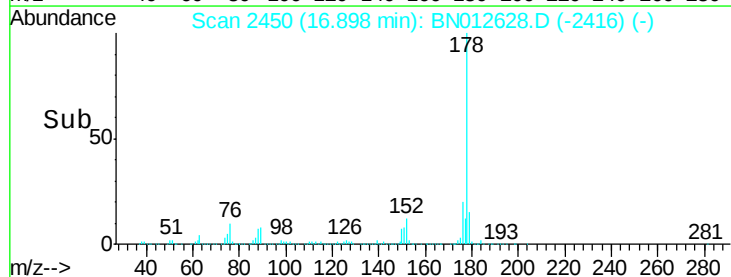
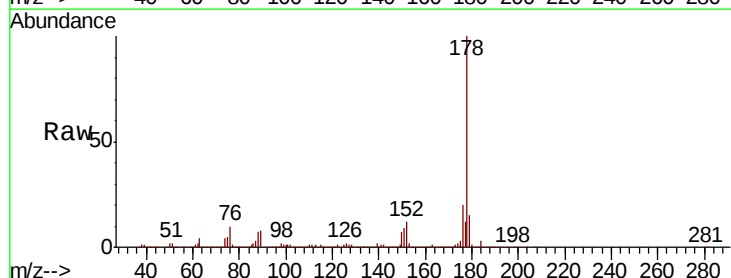
Manual Integrations
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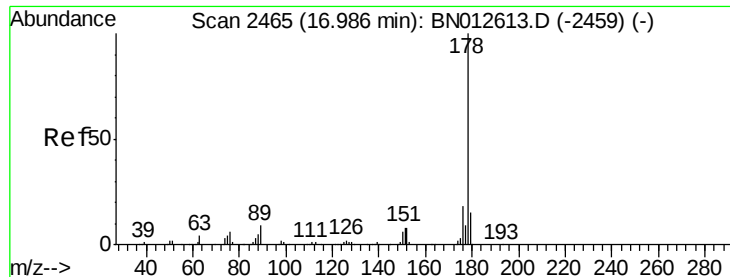
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#70
 Phenanthrene
 Concen: 21.416 ng/ul
 RT: 16.90 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BN012628.D
 Acq: 19 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.1	19.7
176	20.3	15.4	23.0





#72

Anthracene

Concen: 1.736 ng/ul

RT: 16.99 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BN012628.D

Acq: 19 Nov 2020 12:21

Instrument :

BNA_N

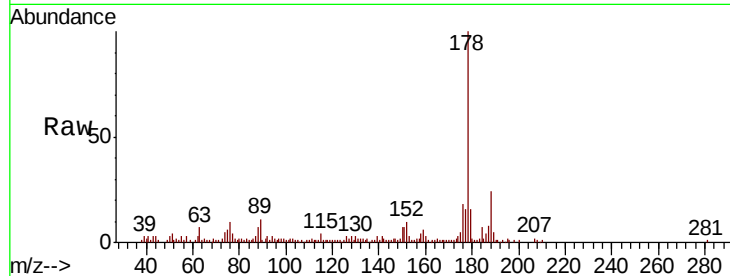
ClientSampleId :

DBGH4

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
179	16.0	12.4	18.6	
176	18.1	14.8	22.2	

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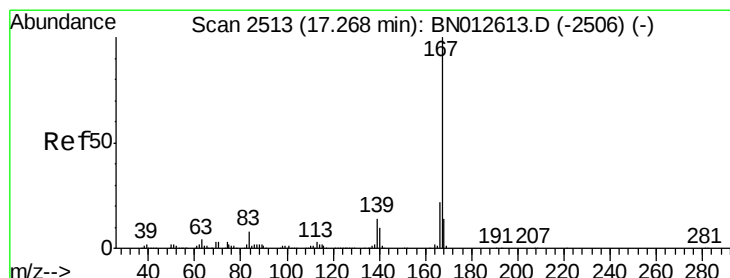
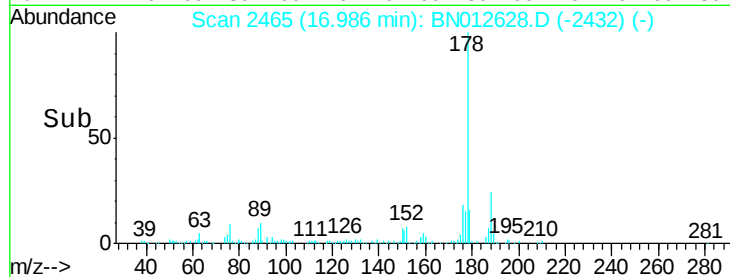
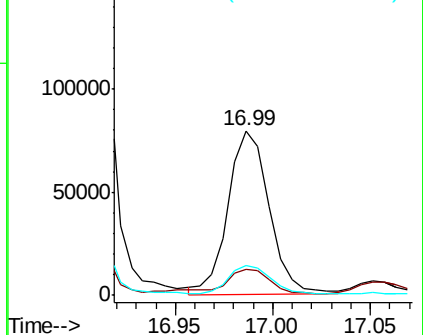


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 114.302 ng/ul

RT: 17.27 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BN012628.D

Acq: 19 Nov 2020 12:21

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.6	17.8	26.8	
139	13.6	10.4	15.6	

Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

