

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
 Data File : BN012182.D
 Acq On : 14 Oct 2020 05:04
 Operator : CG/JU
 Sample : L4359-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7P7

Manual Integrations
 APPROVED

mohammad
 10/14/2020 10:25:02 AM

Quant Time: Oct 14 06:14:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 05:54:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	304591	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1232727	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	784371	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1559484	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1477861	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1548783	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	41129	5.97	ng/uL	0.00
5) Phenol-d5	6.81	99	175893	6.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	340600	21.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	422661	20.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	330822	15.55	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	217711	21.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	265243	23.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	485871	23.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	591178	22.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1644402	25.60	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1927403	25.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	38643m	3.23	ng/ul	0.02
58) Fluorene-d10	15.27	176	1318050	23.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	51909	5.02	ng/ul	0.00
71) Anthracene-d10	17.12	188	2004297	26.26	ng/ul	0.00
79) Pyrene-d10	19.42	212	2021740	26.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	2086774	23.87	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.20	88	100105	12.837	ng/uL	96
16) 4-Methylphenol	8.40	108	422969	18.969	ng/ul	86
28) Naphthalene	10.45	128	229870	3.183	ng/ul	98
45) Dimethylphthalate	13.73	163	195352	2.915	ng/ul	99
50) Acenaphthene	14.33	153	206168	3.692	ng/ul	97
59) Fluorene	15.32	166	92187	1.410	ng/ul	91
70) Phenanthrene	17.06	178	198966	2.091	ng/ul	98
75) Carbazole	17.43	167	147947	1.794	ng/ul	98

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

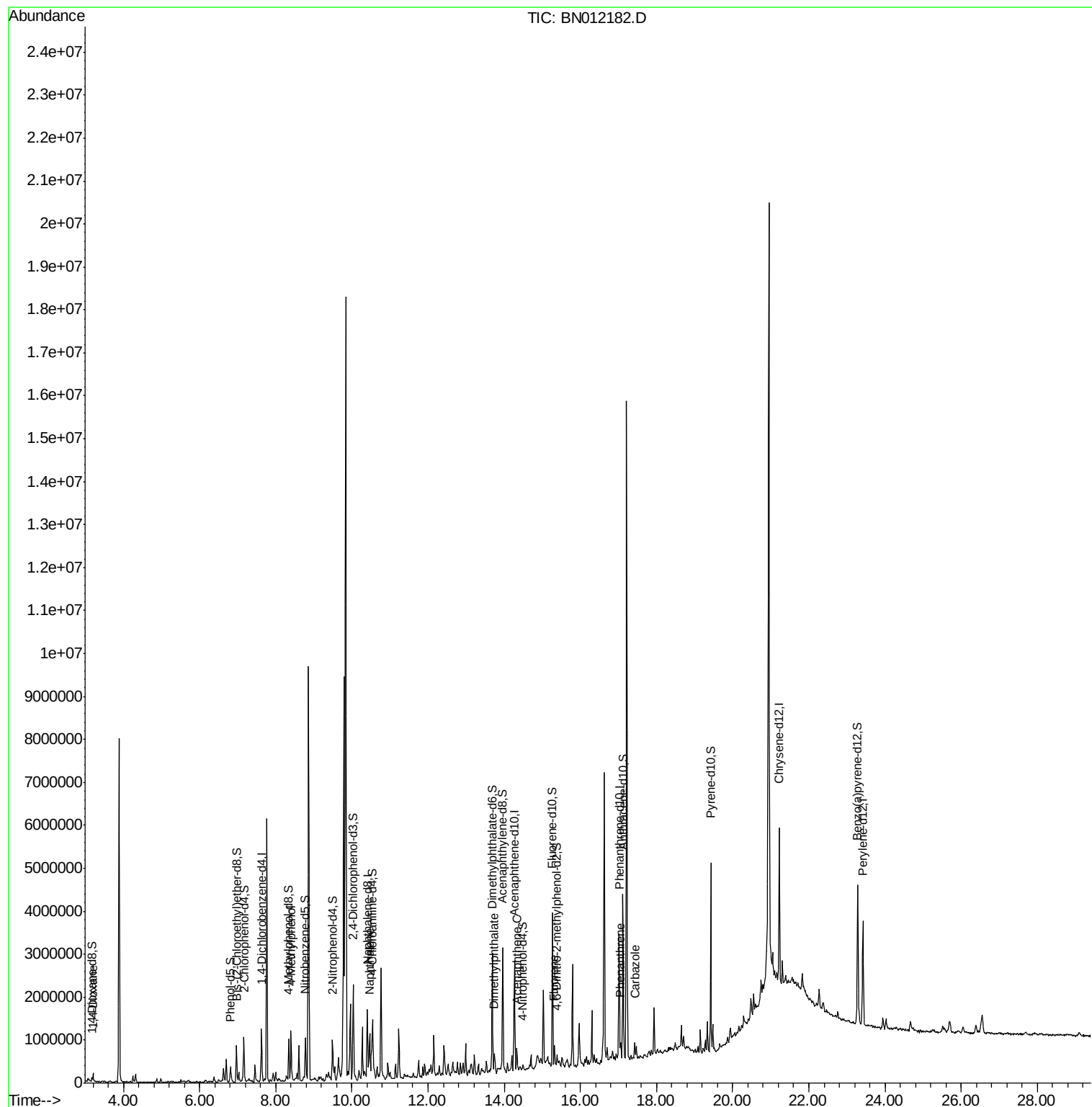
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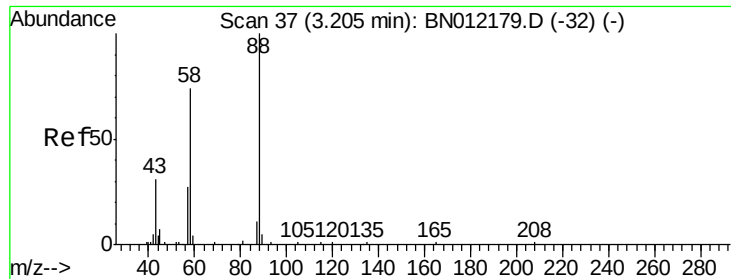
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#2

1,4-Dioxane

Concen: 12.837 ng/uL

RT: 3.20 min Scan# 37

Delta R.T. 0.00 min

Lab File: BN012182.D

Acq: 14 Oct 2020 05:04

Instrument :

BNA_N

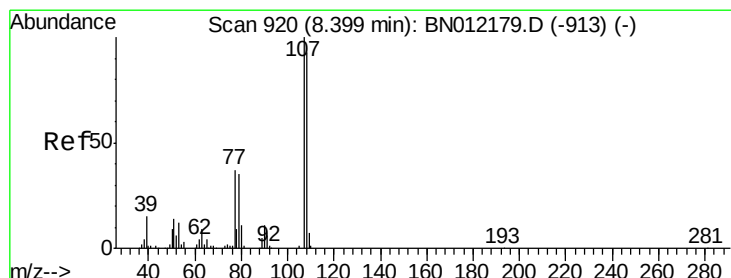
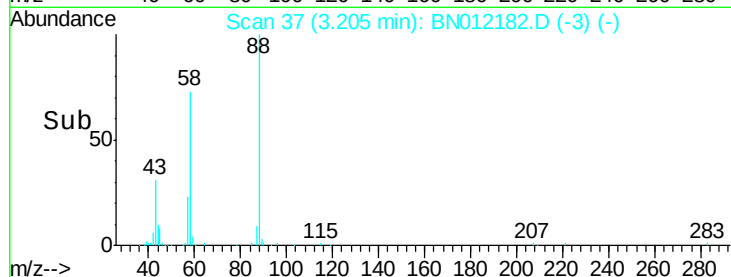
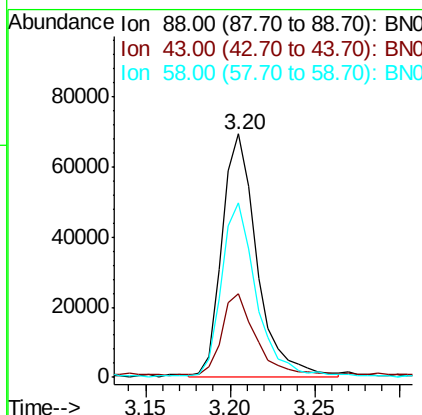
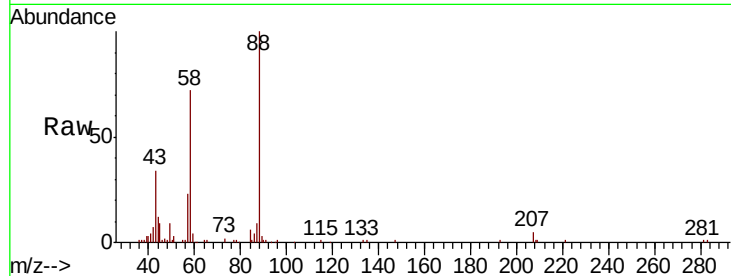
ClientSampleId :

CB7P7

Tot Ion:	88	Resp:	100105
Ion Ratio	Lower	Upper	
88	100		
43	34.3	26.5	39.7
58	71.9	61.0	91.4

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#16

4-Methylphenol

Concen: 18.969 ng/uL

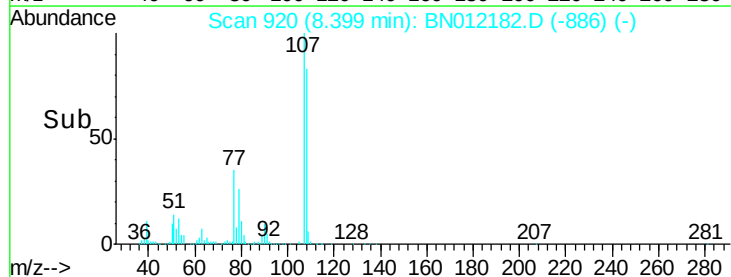
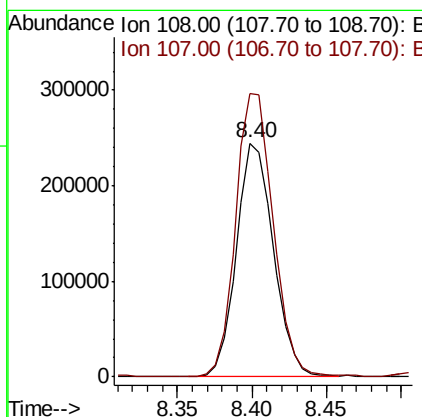
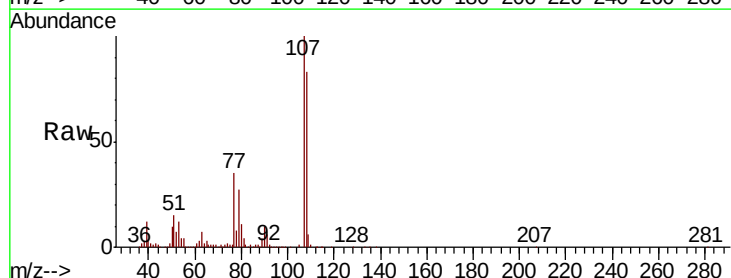
RT: 8.40 min Scan# 920

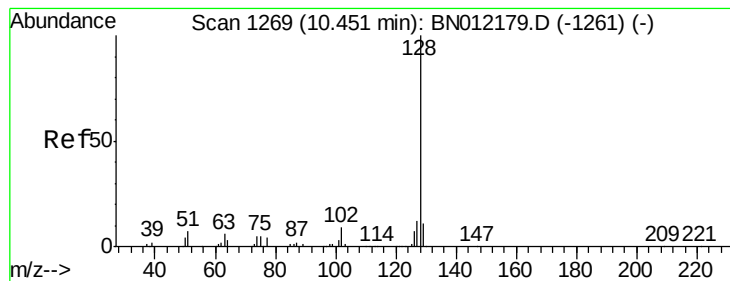
Delta R.T. 0.00 min

Lab File: BN012182.D

Acq: 14 Oct 2020 05:04

Tgt Ion:	108	Resp:	422969
Ion Ratio	Lower	Upper	
108	100		
107	121.0	85.1	127.7





#28

Naphthalene

Concen: 3.183 ng/ul

RT: 10.45 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN012182.D

Acq: 14 Oct 2020 05:04

Instrument :

BNA_N

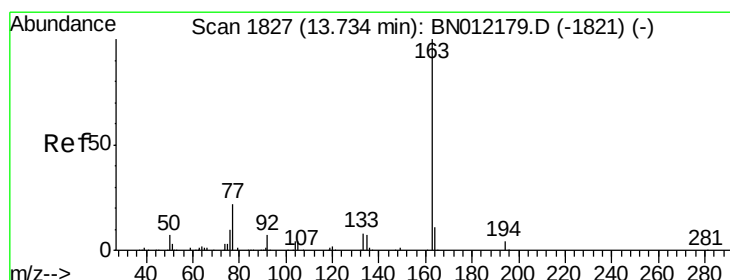
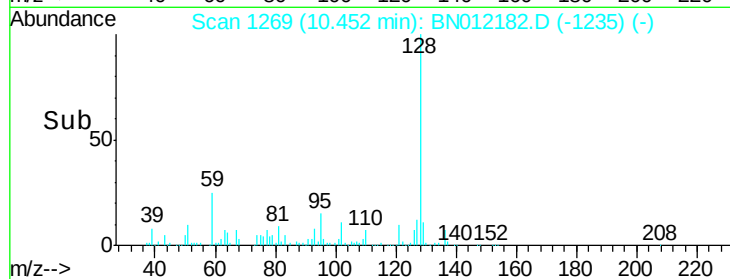
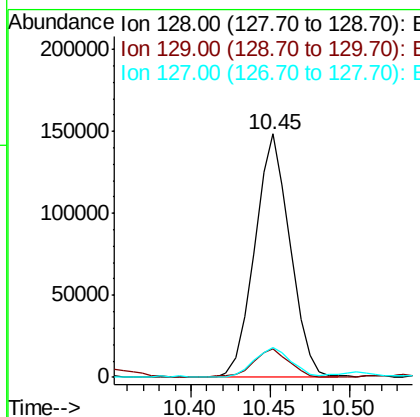
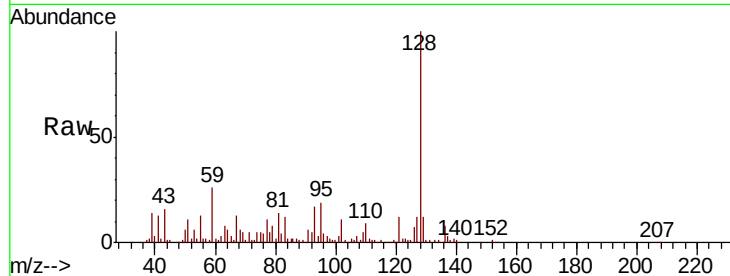
ClientSampleId :

CB7P7

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	12.5	10.7	16.1

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#45

Dimethylphthalate

Concen: 2.915 ng/ul

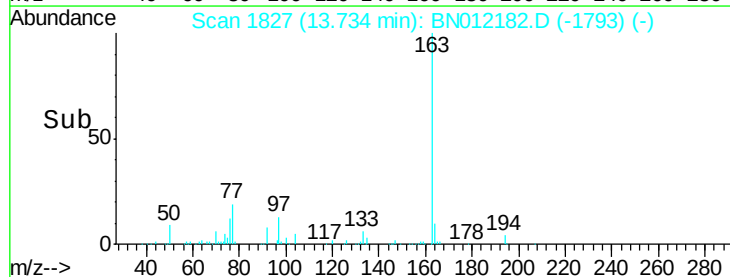
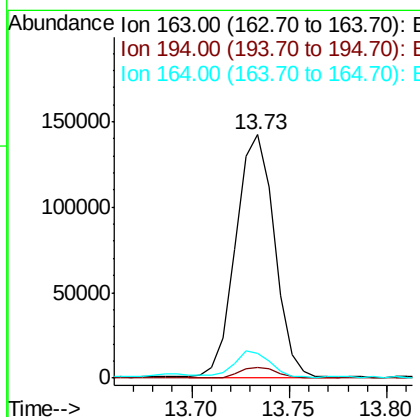
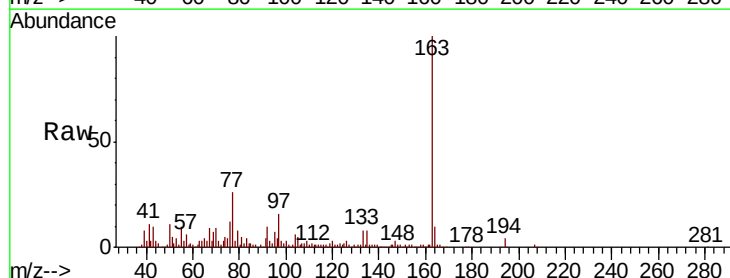
RT: 13.73 min Scan# 1827

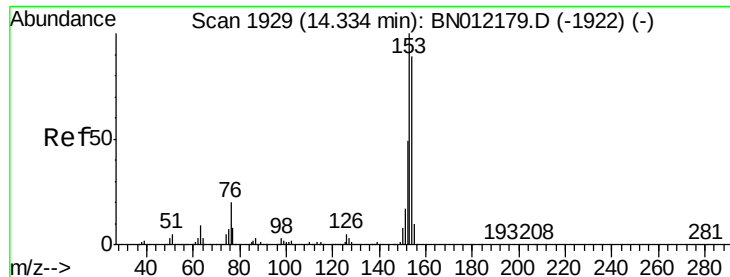
Delta R.T. 0.00 min

Lab File: BN012182.D

Acq: 14 Oct 2020 05:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.4	7.8	11.8





#50

Acenaphthene

Concen: 3.692 ng/ul

RT: 14.33 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BN012182.D

Acq: 14 Oct 2020 05:04

Instrument :

BNA_N

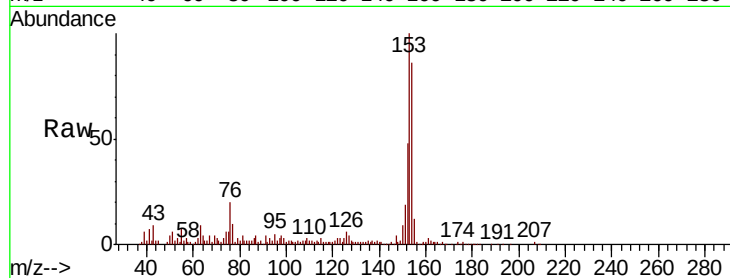
ClientSampleId :

CB7P7

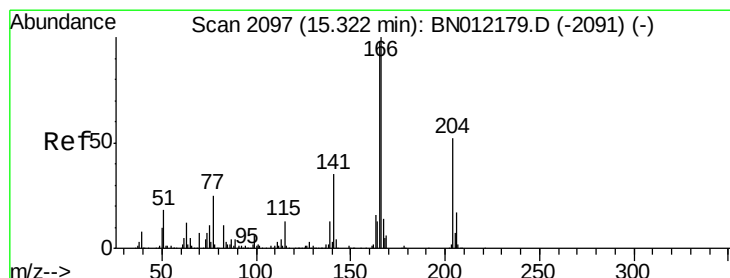
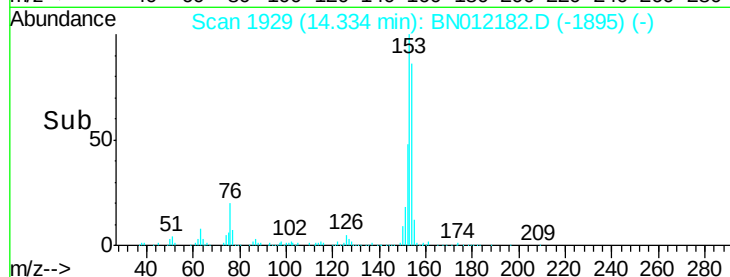
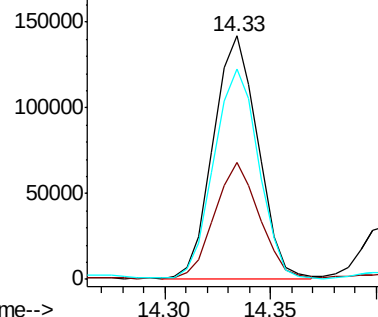
Tot Ion:	153	Resp:	206168
Ion Ratio	Lower	Upper	
153	100		
152	47.9	35.9	53.9
154	86.1	70.2	105.2

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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



#59

Fluorene

Concen: 1.410 ng/ul

RT: 15.32 min Scan# 2097

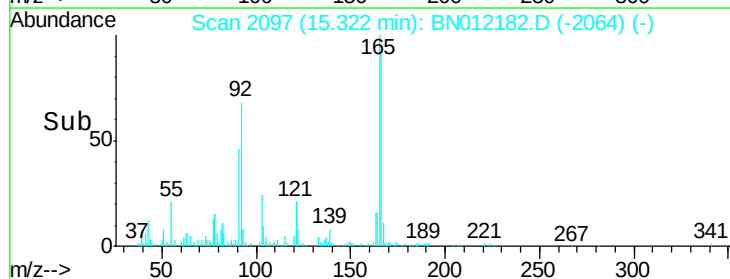
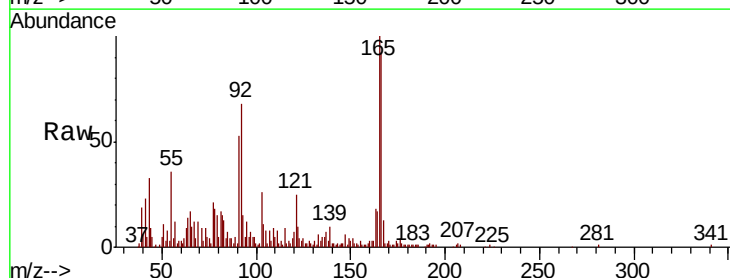
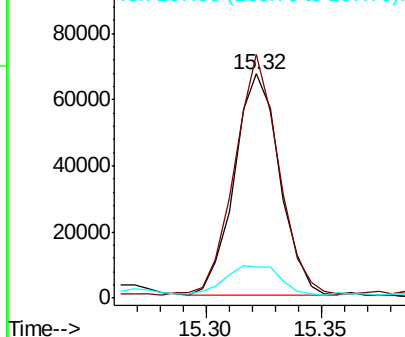
Delta R.T. -0.01 min

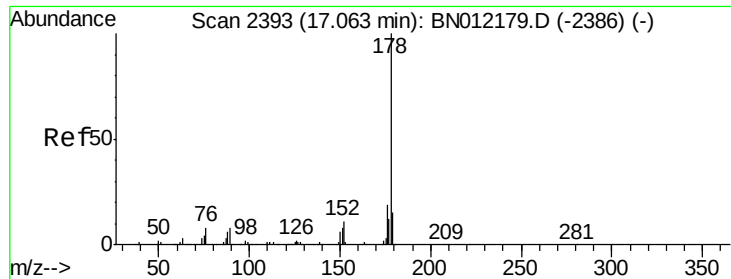
Lab File: BN012182.D

Acq: 14 Oct 2020 05:04

Tgt Ion:	166	Resp:	92187
Ion Ratio	Lower	Upper	
166	100		
165	108.7	79.0	118.6
167	13.8	10.5	15.7

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





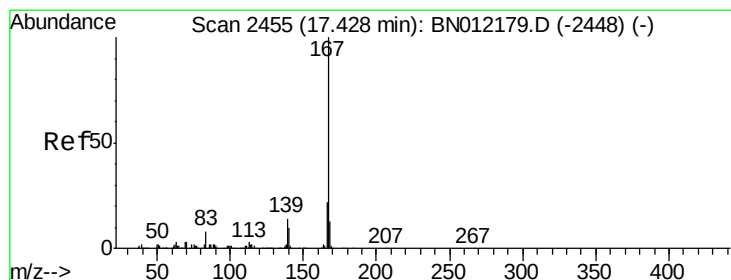
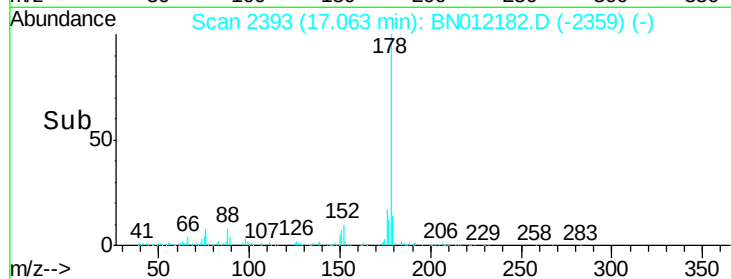
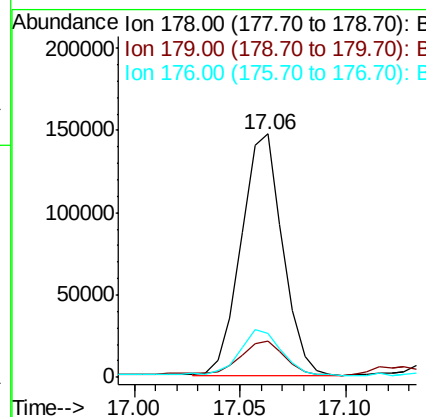
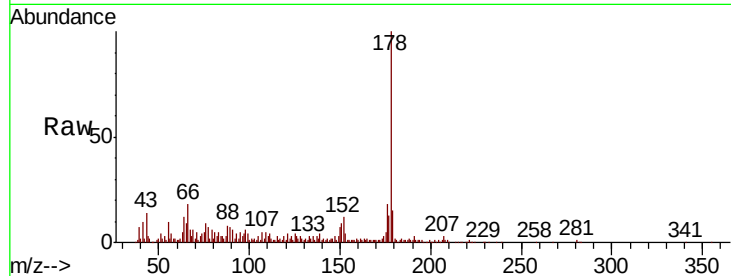
#70
Phenanthrene
Concen: 2.091 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BN012182.D
Acq: 14 Oct 2020 05:04

Instrument :
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Tot Ion:178	Resp:	198966
Ion Ratio	Lower	Upper
178 100		
179 14.9	12.2	18.2
176 18.3	15.4	23.2

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#75
Carbazole
Concen: 1.794 ng/ul
RT: 17.43 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BN012182.D
Acq: 14 Oct 2020 05:04

Tgt Ion:167	Resp:	147947
Ion Ratio	Lower	Upper
167 100		
166 20.5	17.4	26.0
139 14.3	10.9	16.3

