

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121820\
 Data File : BP004373.D
 Acq On : 19 Dec 2020 00:13
 Operator : CG/JU
 Sample : L5128-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB8B7

Quant Time: Dec 19 02:03:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 18 17:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	253468	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1064428	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	673622	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1472398	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1560210	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	1676779	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	23935	3.93	ng/uL	0.00
5) Phenol-d5	6.99	99	84043	3.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	166954	13.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	211592	11.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	149236	8.52	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	122168	13.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	135400	13.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	259671	13.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	271951	12.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	829735	15.39	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	967170	14.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	32792	3.37	ng/ul	0.01
58) Fluorene-d10	15.47	176	665560	14.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	89498	9.42	ng/ul	0.00
71) Anthracene-d10	17.33	188	1082643	14.88	ng/ul	0.00
79) Pyrene-d10	19.57	212	1276467	15.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	1383024	14.97	ng/ul	0.00

Target Compounds

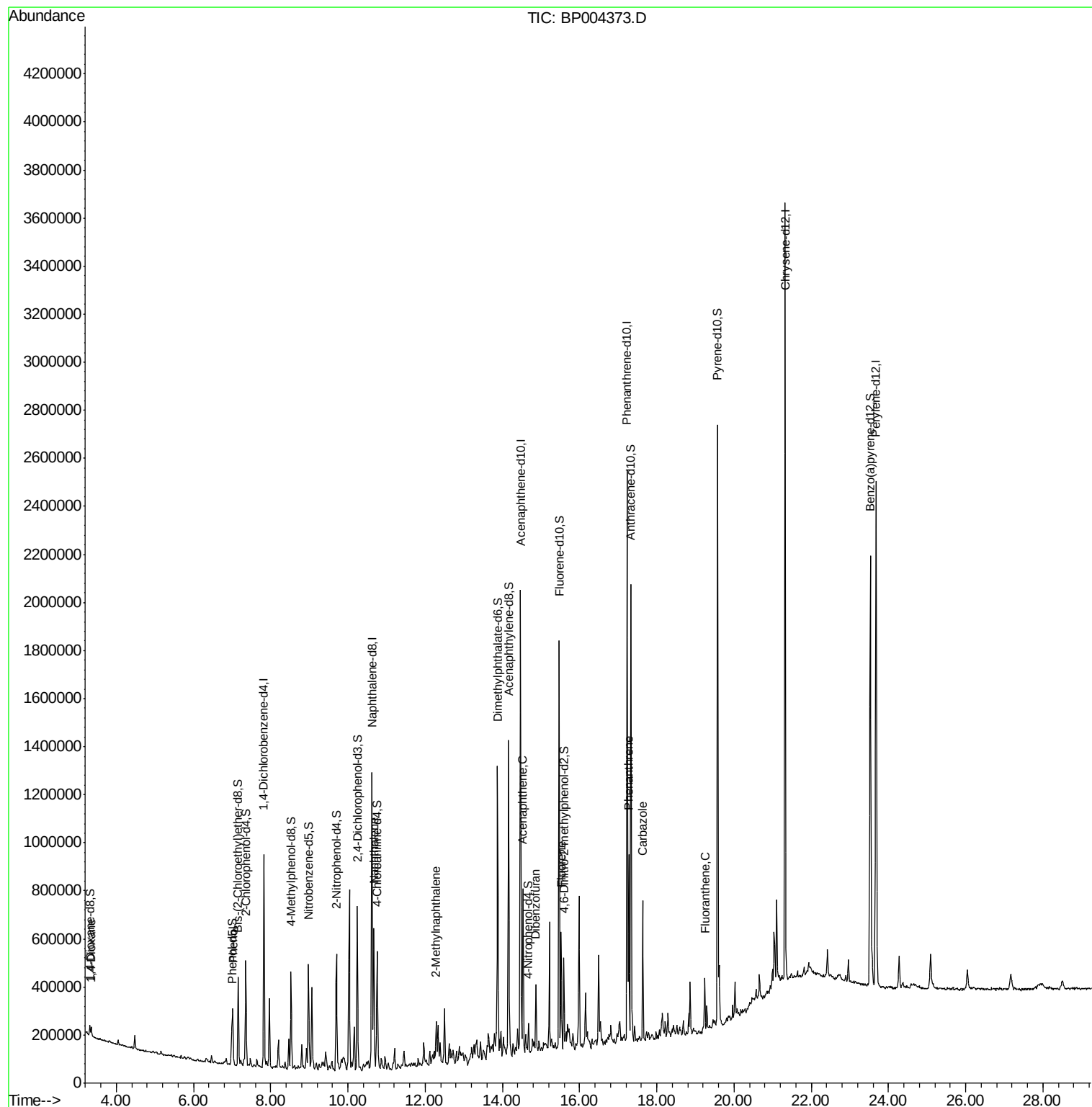
					Ovalue
2) 1,4-Dioxane	3.35	88	20910	3.357	ng/uL 97
6) Phenol	7.02	94	141078	6.372	ng/ul 100
28) Naphthalene	10.67	128	466105	7.794	ng/ul 100
34) 2-Methylnaphthalene	12.29	142	82682	2.004	ng/ul 99
50) Acenaphthene	14.53	153	281111	6.134	ng/ul 98
54) Dibenzofuran	14.87	168	183796	2.848	ng/ul 99
59) Fluorene	15.52	166	219471	4.197	ng/ul 100
70) Phenanthrene	17.27	178	470988	5.508	ng/ul 99
75) Carbazole	17.63	167	380082	5.369	ng/ul 99
77) Fluoranthene	19.24	202	128790	1.328	ng/ul 97

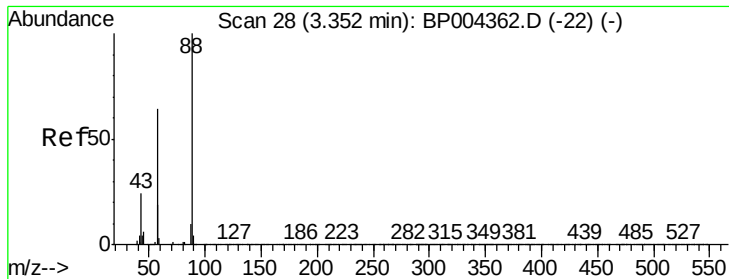
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.357 ng/uL

RT: 3.35 min Scan# 28

Delta R.T. -0.00 min

Lab File: BP004373.D

Acq: 19 Dec 2020 00:13

Instrument :

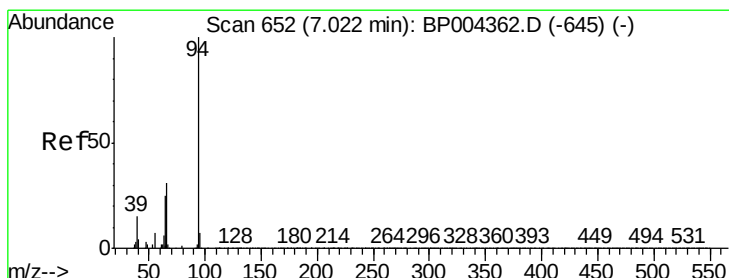
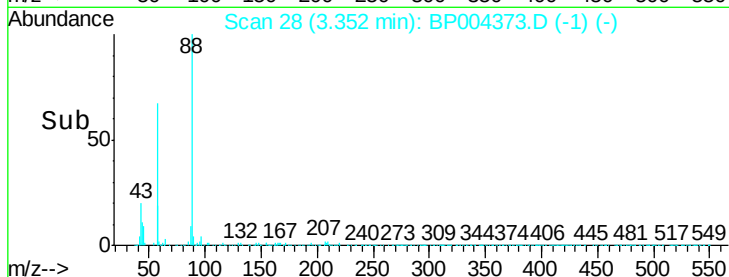
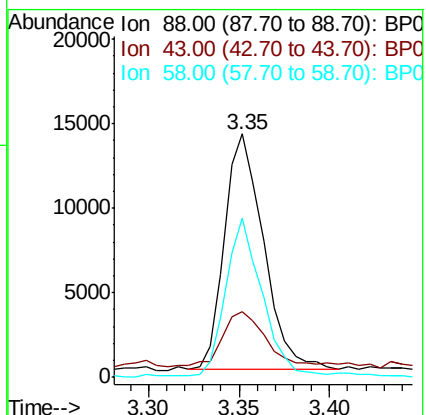
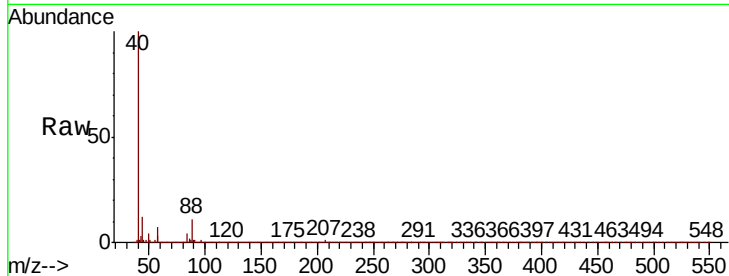
BNA_P

ClientSampleId :

CB8B7

Tot Ion: 88 Resp: 20910

Ion	Ratio	Lower	Upper
88	100		
43	27.0	22.7	34.1
58	65.2	49.9	74.9



#6

Phenol

Concen: 6.372 ng/uL

RT: 7.02 min Scan# 651

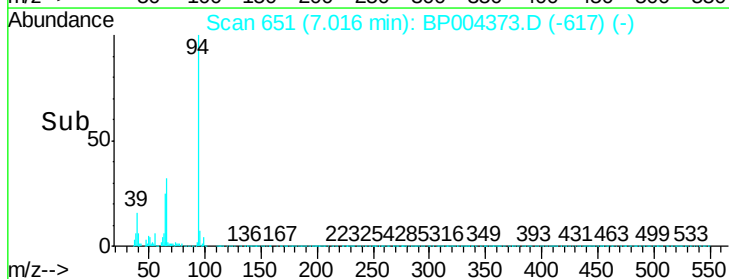
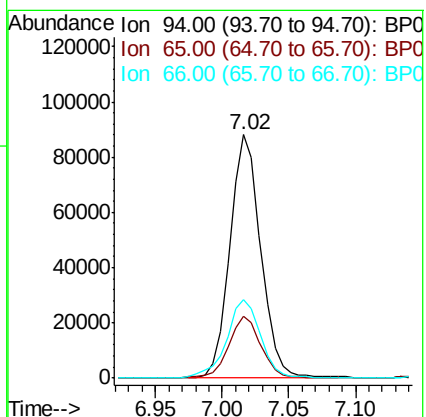
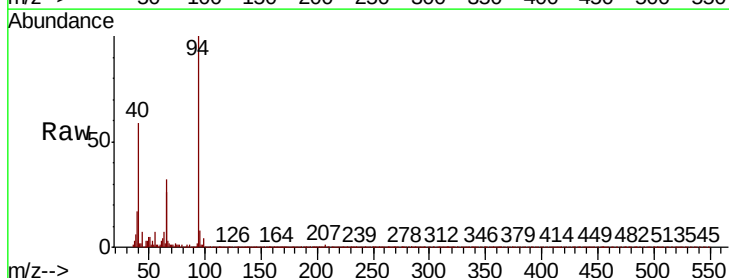
Delta R.T. -0.00 min

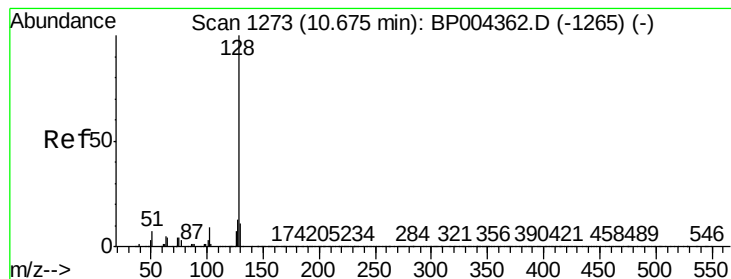
Lab File: BP004373.D

Acq: 19 Dec 2020 00:13

Tgt Ion: 94 Resp: 141078

Ion	Ratio	Lower	Upper
94	100		
65	25.5	20.3	30.5
66	32.4	26.2	39.2





#28

Naphthalene

Concen: 7.794 ng/ul

RT: 10.67 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BP004373.D

Acq: 19 Dec 2020 00:13

Instrument :

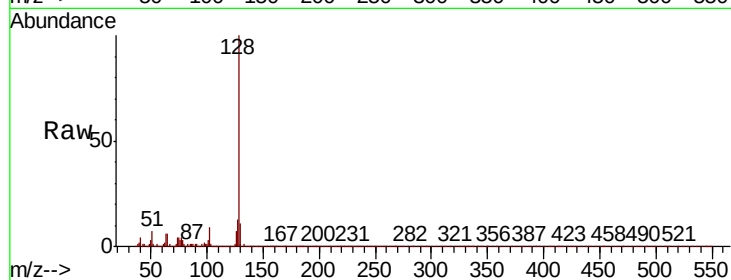
BNA_P

ClientSampleId :

CB8B7

Tot Ion:128 Resp: 466105

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.0	10.4	15.6

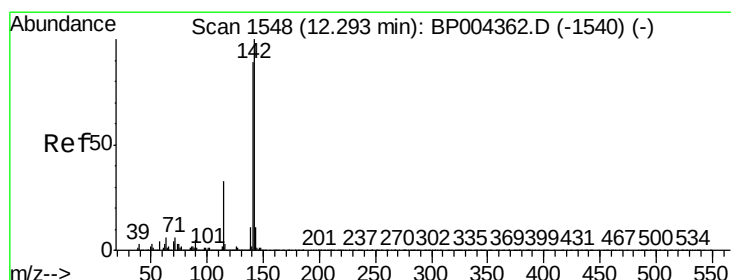
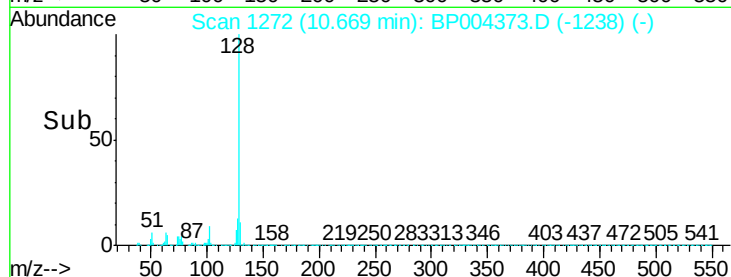
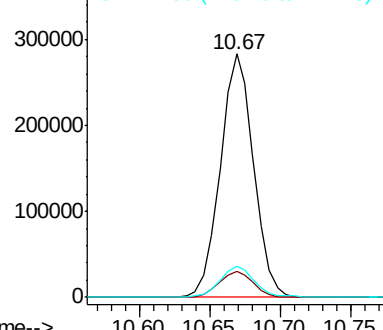


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 2.004 ng/ul

RT: 12.29 min Scan# 1547

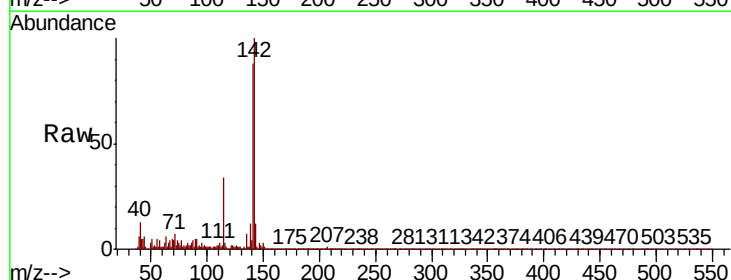
Delta R.T. -0.00 min

Lab File: BP004373.D

Acq: 19 Dec 2020 00:13

Tgt Ion:142 Resp: 82682

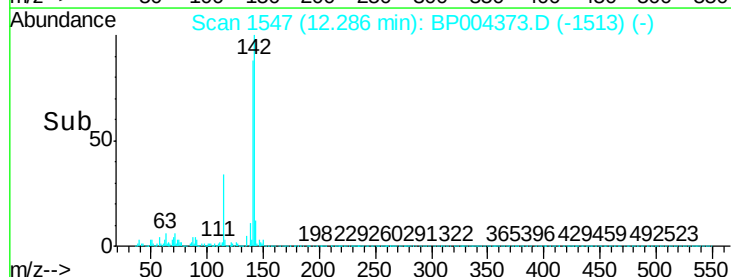
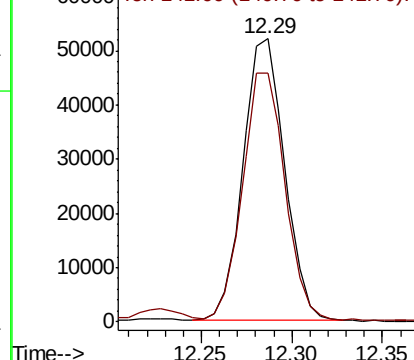
Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.2	106.8

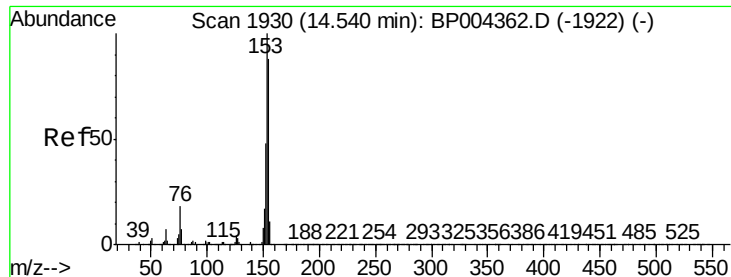


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#50

Acenaphthene

Concen: 6.134 ng/ul

RT: 14.53 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP004373.D

Acq: 19 Dec 2020 00:13

Instrument :

BNA_P

ClientSampleId :

CB8B7

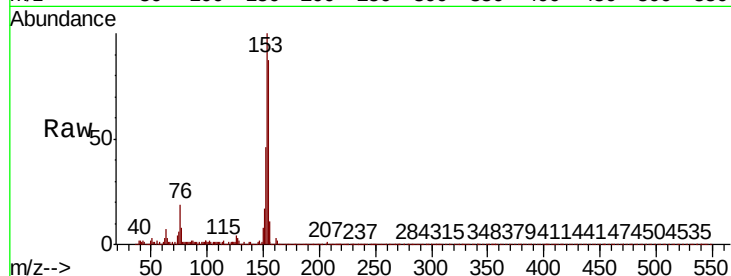
Tot Ion:153 Resp: 281111

Ion Ratio Lower Upper

153 100

152 46.4 37.8 56.8

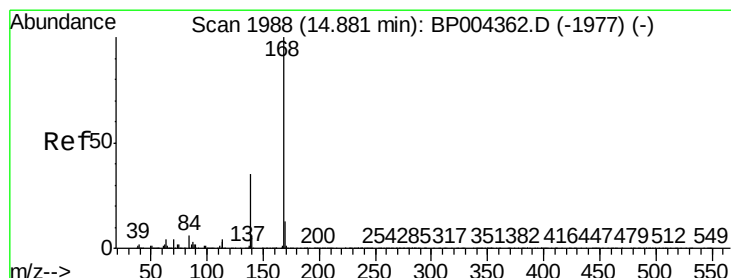
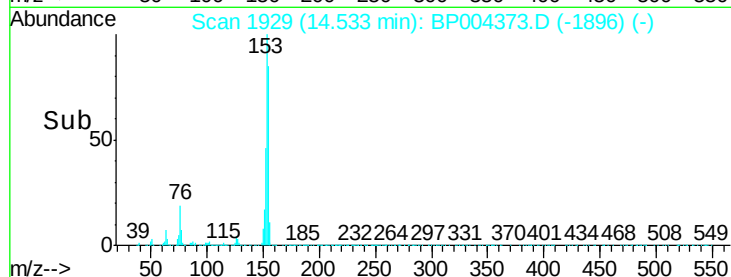
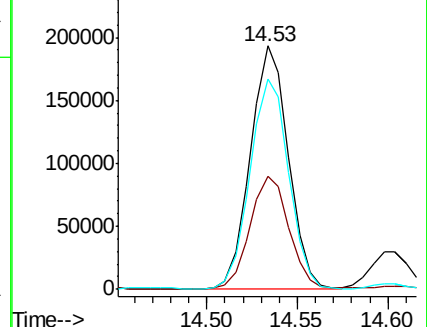
154 86.6 71.4 107.0



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



#54

Dibenzofuran

Concen: 2.848 ng/ul

RT: 14.87 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BP004373.D

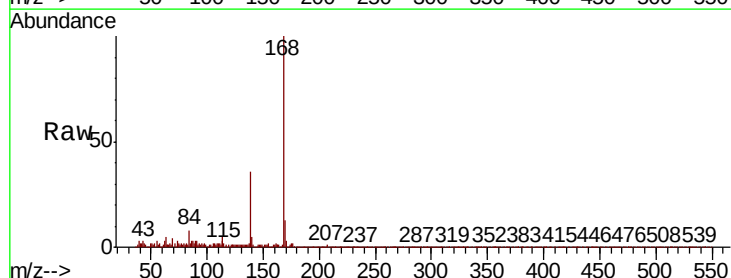
Acq: 19 Dec 2020 00:13

Tgt Ion:168 Resp: 183796

Ion Ratio Lower Upper

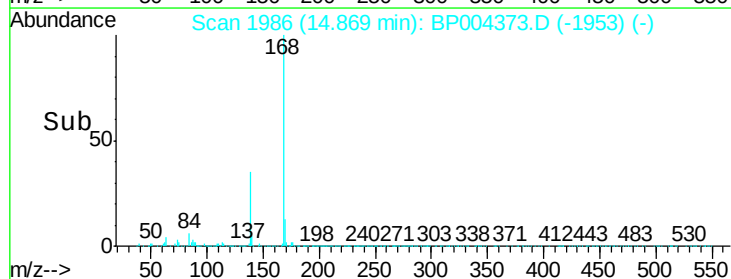
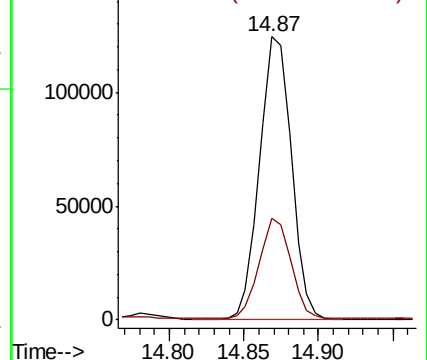
168 100

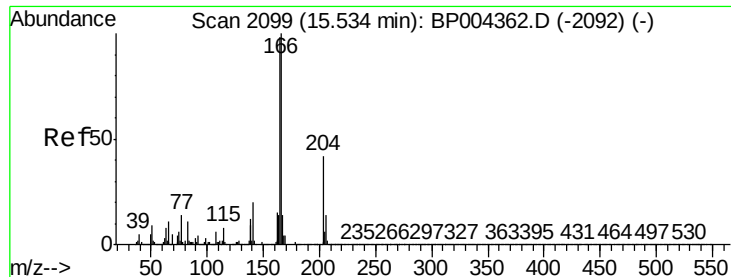
139 35.7 28.3 42.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 4.197 ng/ul

RT: 15.52 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BP004373.D

Acq: 19 Dec 2020 00:13

Instrument :

BNA_P

ClientSampleId :

CB8B7

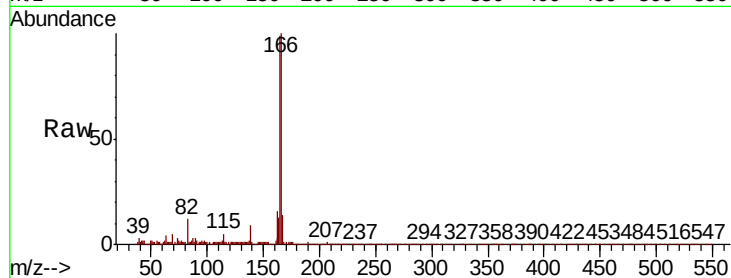
Tot Ion:166 Resp: 219471

Ion Ratio Lower Upper

166 100

165 99.0 79.2 118.8

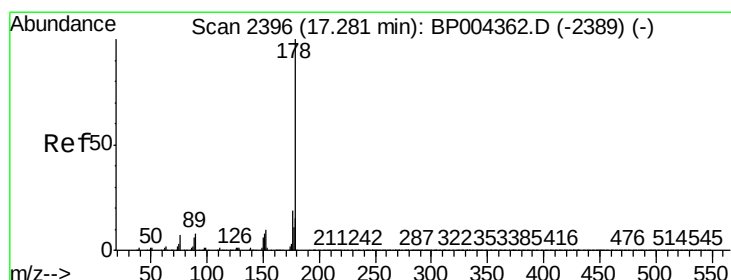
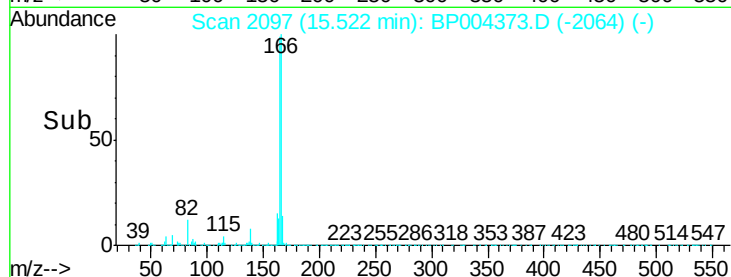
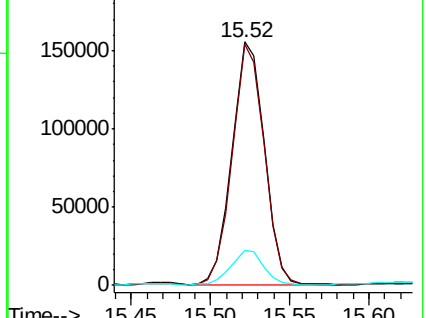
167 14.3 10.8 16.2



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: 5.508 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BP004373.D

Acq: 19 Dec 2020 00:13

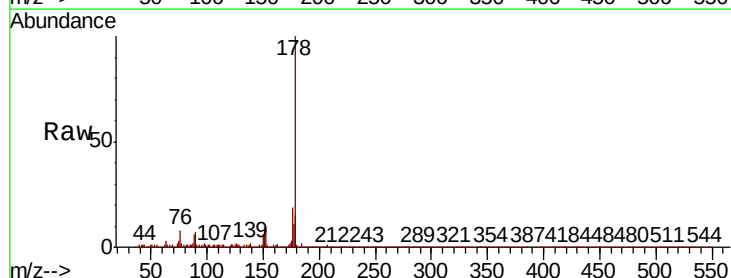
Tgt Ion:178 Resp: 470988

Ion Ratio Lower Upper

178 100

179 15.0 12.4 18.6

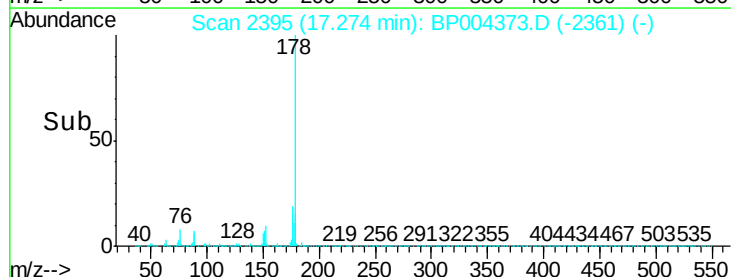
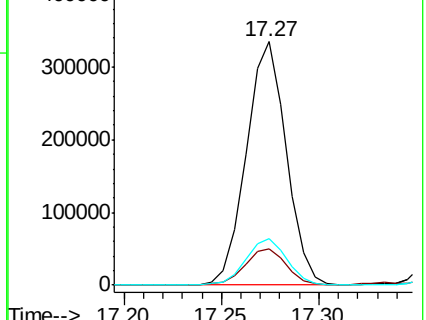
176 18.9 15.3 22.9

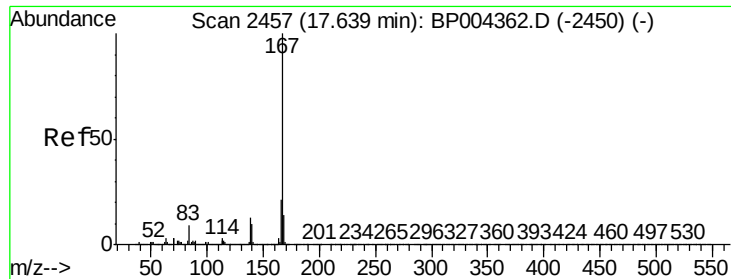


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

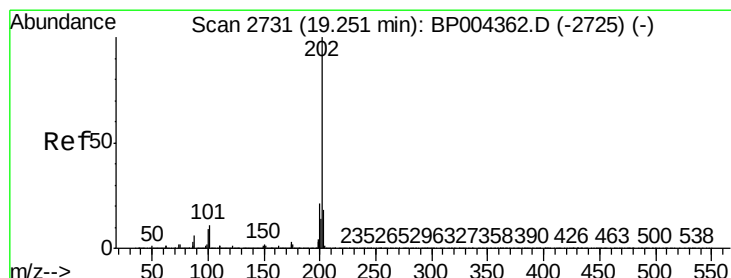
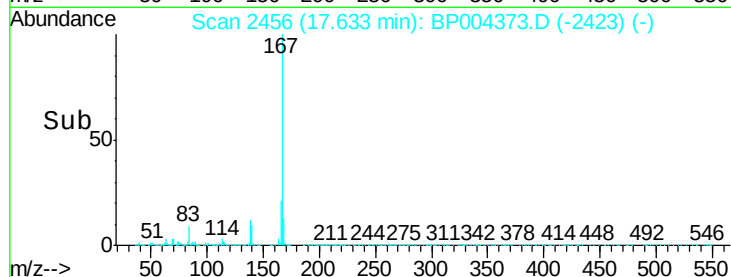
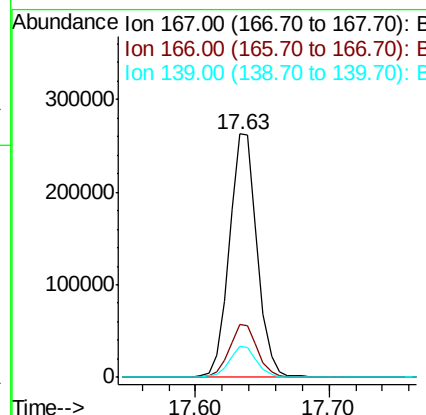
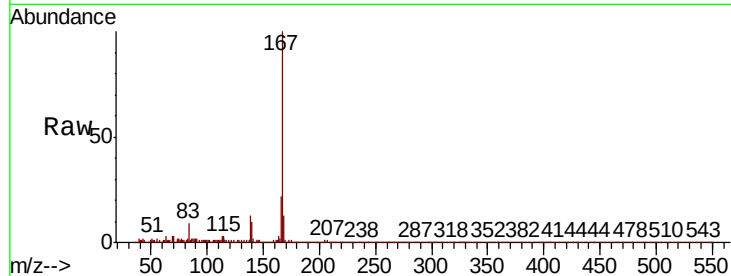




#75
 Carbazole
 Concen: 5.369 ng/ul
 RT: 17.63 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BP004373.D
 Acq: 19 Dec 2020 00:13

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 BNA_P
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 CB8B7

Tot Ion:167	Resp:	380082
Ion Ratio	Lower	Upper
167	100	
166	21.6	16.9 25.3
139	12.6	9.5 14.3



#77
 Fluoranthene
 Concen: 1.328 ng/ul
 RT: 19.24 min Scan# 2730
 Delta R.T. -0.01 min
 Lab File: BP004373.D
 Acq: 19 Dec 2020 00:13

Tgt Ion:202	Resp:	128790
Ion Ratio	Lower	Upper
202	100	
101	11.4	8.0 12.0
100	8.4	6.2 9.4

