Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002148.D
Acq On : 10 Mar 2020 13:58
Operator : CG/JU
Sample : L1843-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5T5

Quant Time: Mar 10 15:44:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 09 15:02:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	265103	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1056709	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	670284	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1438096	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1314878	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1573633	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	31788	5.15	ng/uL	0.00
5) Phenol-d5	6.82	99	107956	5.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	270602	25.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	356439	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	218878	13.17	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	202709	24.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	217026	23.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	425945	24.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	467140	24.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1338991	26.40	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1606636	26.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	29346	3.03	ng/ul	0.02
58) Fluorene-d10	15.27	176	1150327	26.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	72716	9.17	ng/ul	0.00
71) Anthracene-d10	17.12	188	1778893	27.52	ng/ul	0.00
79) Pyrene-d10	19.37	212	2006606	29.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2192035	27.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	55891	8.500	ng/uL	97
16) 4-Methylphenol	8.41	108	38371	2.188	ng/ul	93
28) Naphthalene	10.46	128	81025	1.431	ng/ul	99
45) Dimethylphthalate	13.73	163	129093	2.465	ng/ul	100
50) Acenaphthene	14.33	153	91618	2.118	ng/ul	99
59) Fluorene	15.33	166	58387	1.196	ng/ul	96
70) Phenanthrene	17.06	178	89865	1.134	ng/ul	96

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

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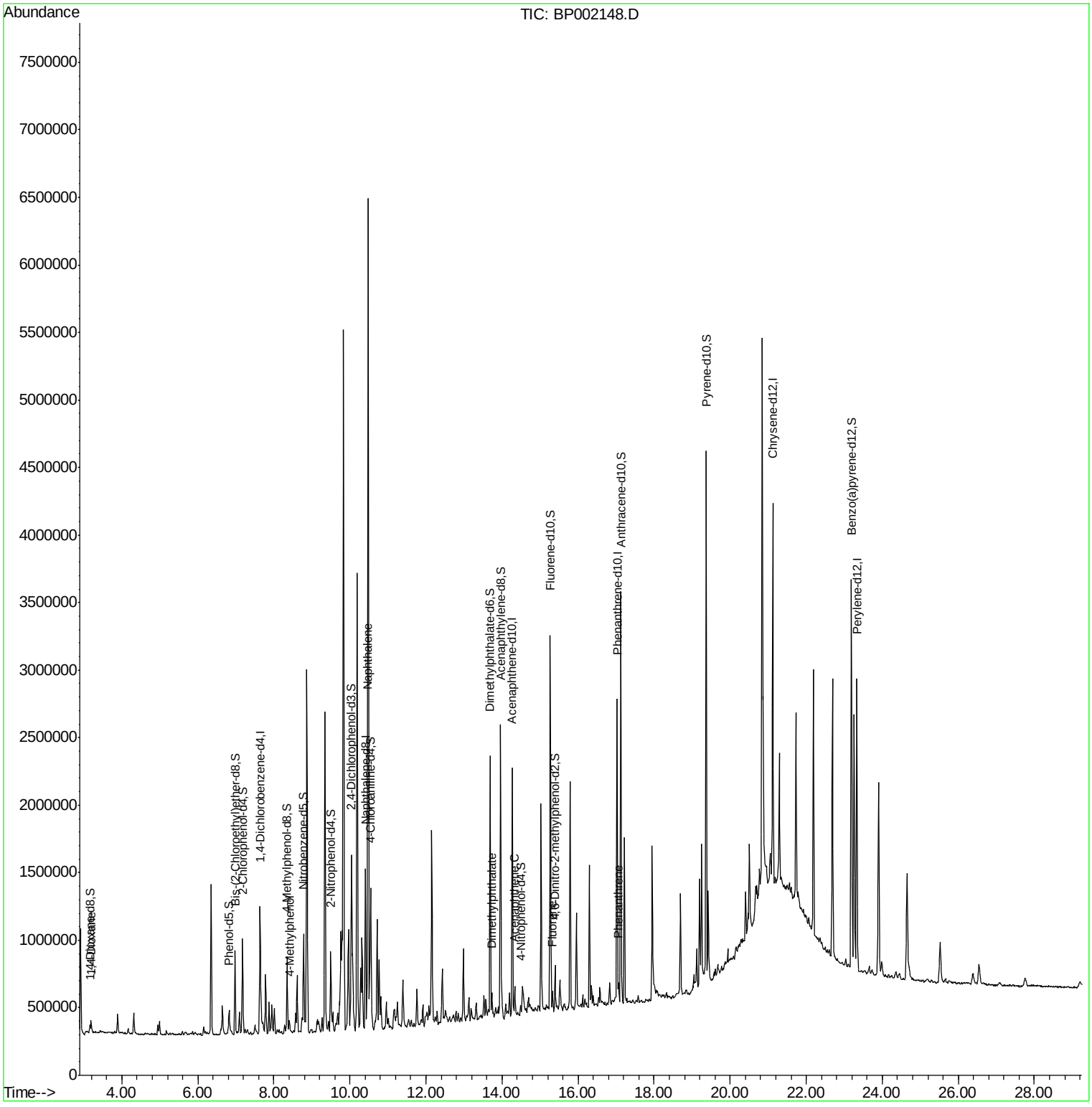
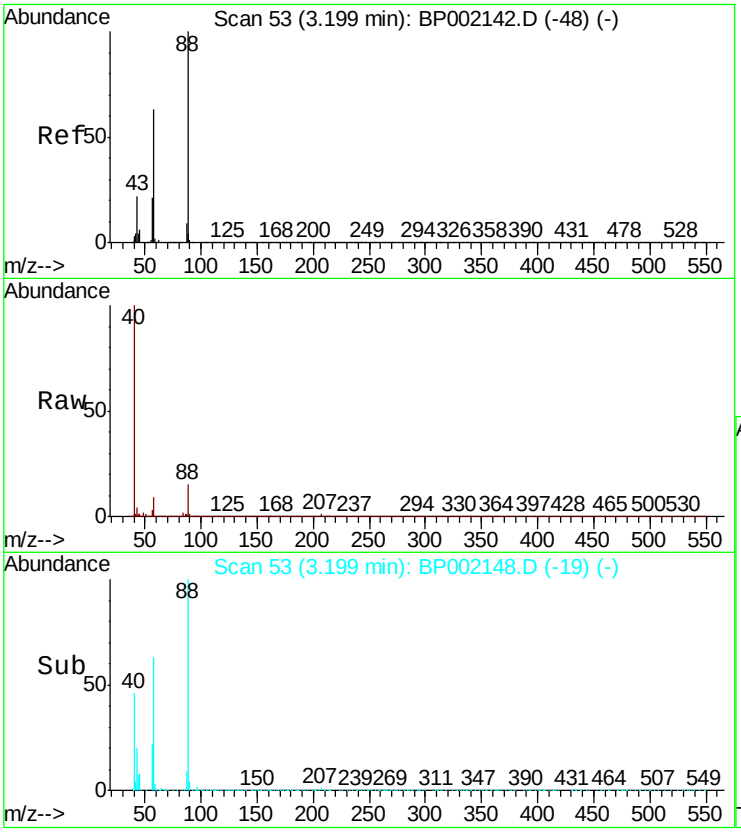


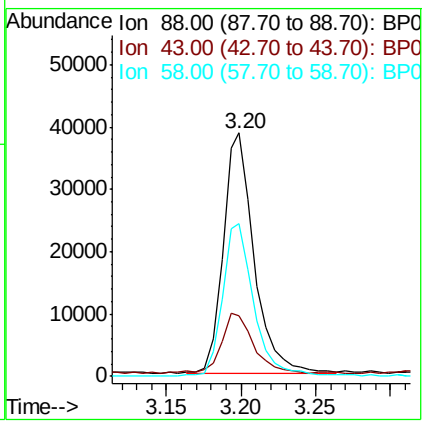


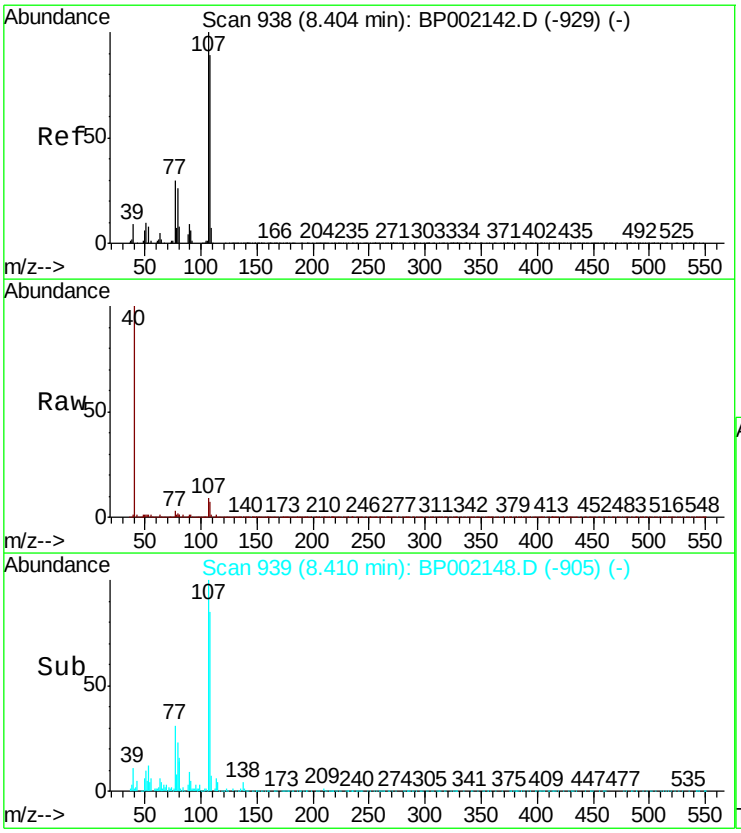
#2
1,4-Dioxane
Concen: 8.500 ng/uL
RT: 3.20 min Scan# 53
Delta R.T. -0.00 min
Lab File: BP002148.D
Acq: 10 Mar 2020 13:58

Instrument :
BNA_P
ClientSampleId :
CB5T5

Tgt Ion: 88 Resp: 55891

Ion	Ratio	Lower	Upper
88	100		
43	25.0	22.6	34.0
58	62.7	49.6	74.4

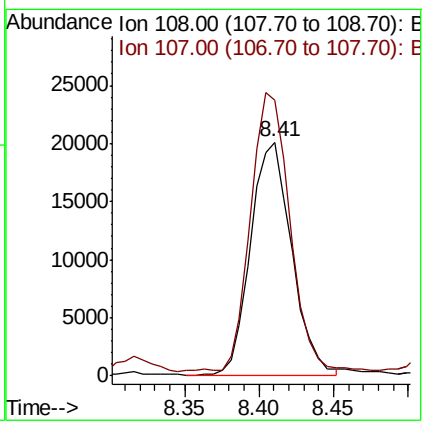


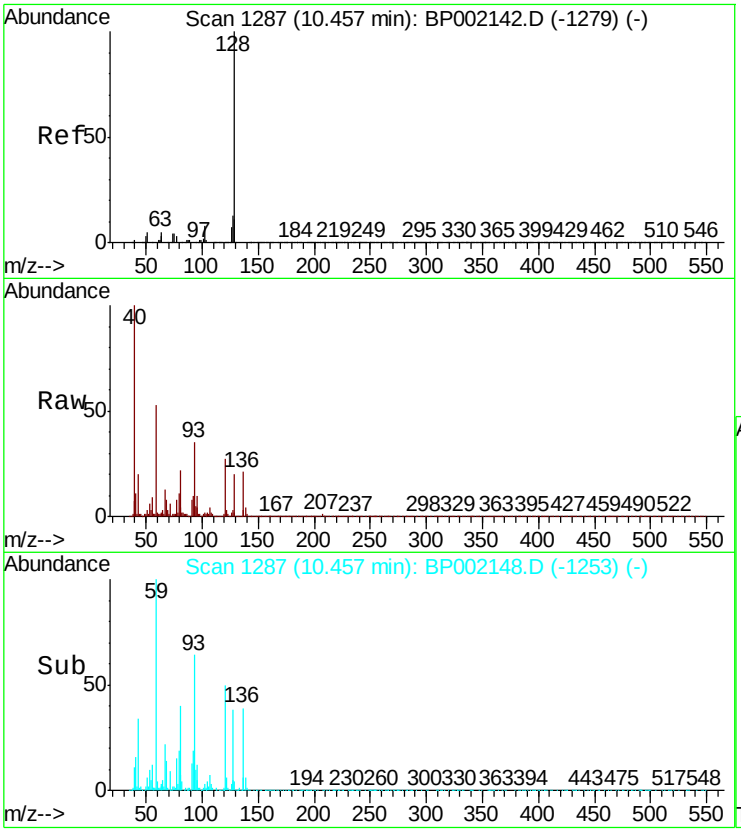


#16
4-Methylphenol
Concen: 2.188 ng/ul
RT: 8.41 min Scan# 939
Delta R.T. -0.00 min
Lab File: BP002148.D
Acq: 10 Mar 2020 13:58

Tgt Ion:108 Resp: 38371

Ion	Ratio	Lower	Upper
108	100		
107	117.8	88.6	133.0



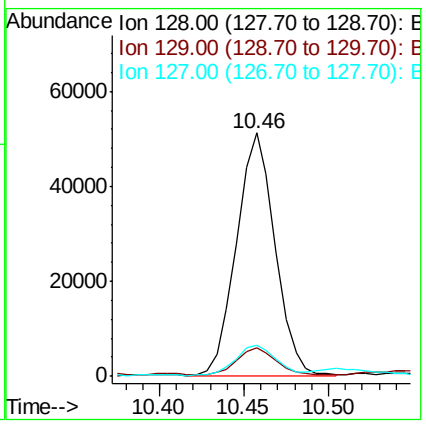


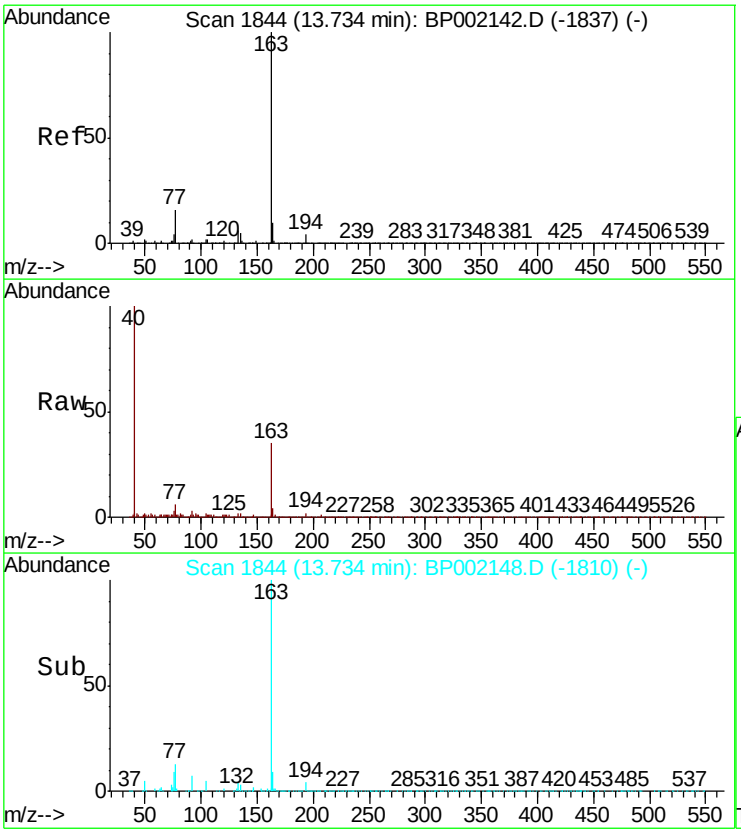
#28
Naphthalene
Concen: 1.431 ng/ul
RT: 10.46 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BP002148.D
Acq: 10 Mar 2020 13:58

Instrument :
BNA_P
ClientSampleId :
CB5T5

Tgt Ion:128 Resp: 81025

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	12.7	10.2	15.2

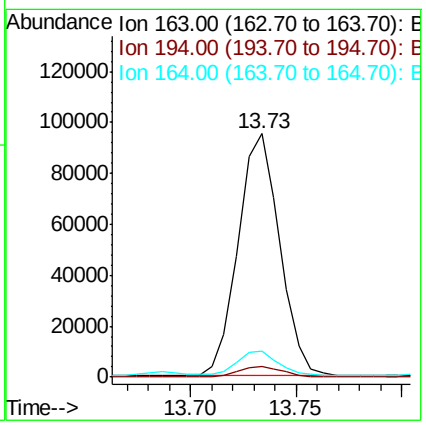


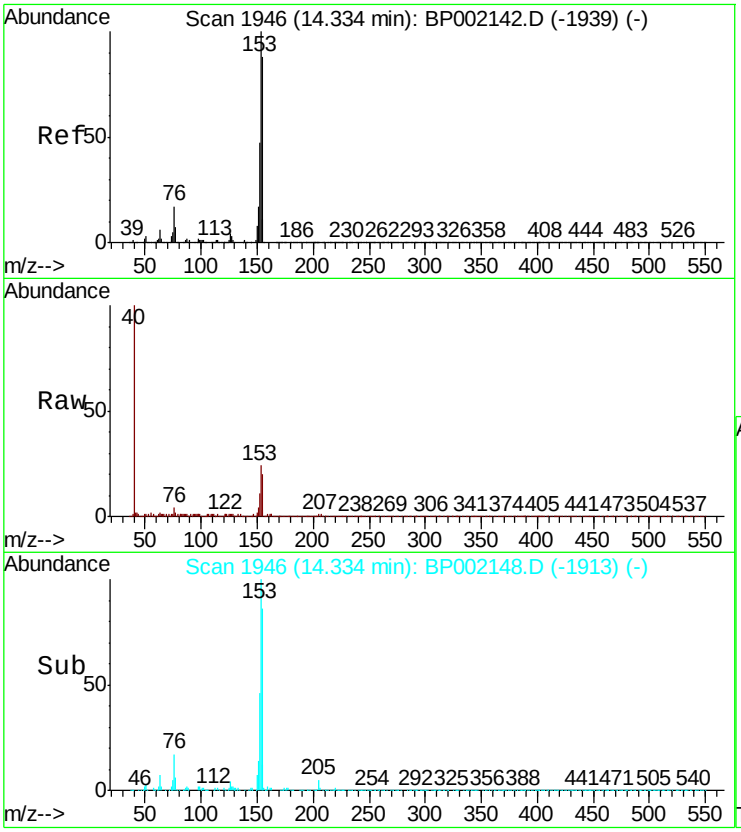


#45
Dimethylphthalate
Concen: 2.465 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BP002148.D
Acq: 10 Mar 2020 13:58

Tgt Ion:163 Resp: 129093

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.5	8.2	12.4



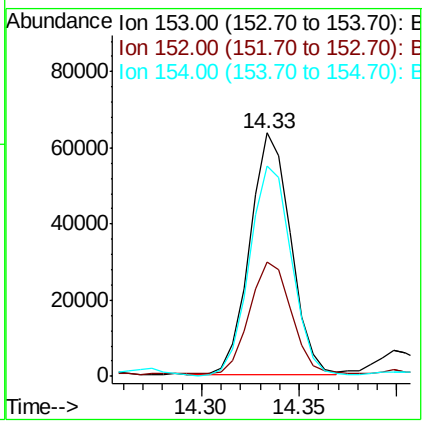


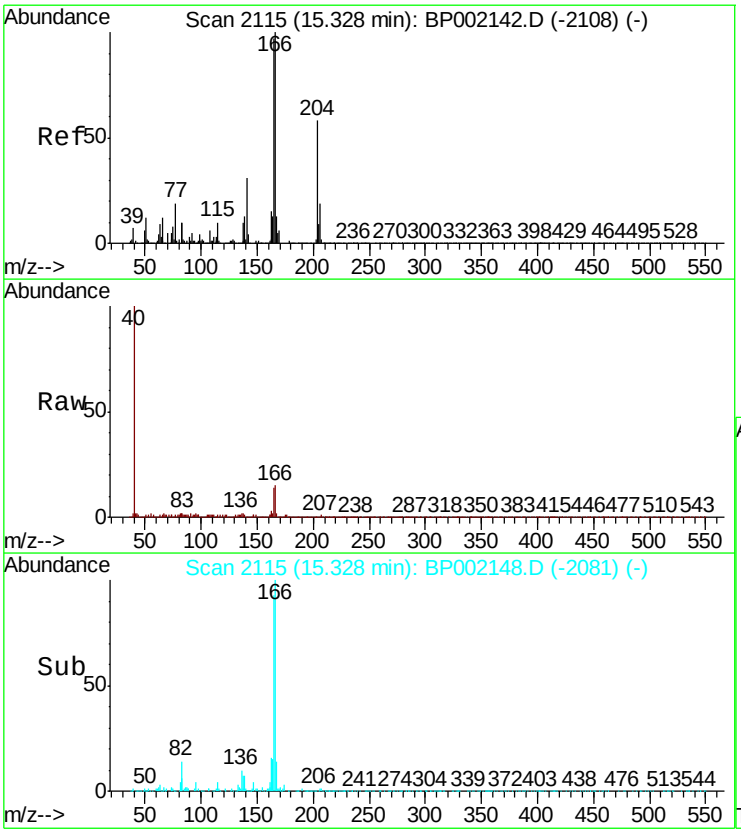
#50
Acenaphthene
Concen: 2.118 ng/ul
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002148.D
Acq: 10 Mar 2020 13:58

Instrument :
BNA_P
ClientSampleId :
CB5T5

Tgt Ion:153 Resp: 91618

Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.1	55.7
154	86.4	70.5	105.7

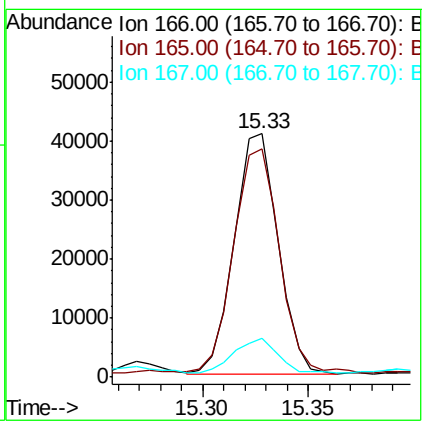


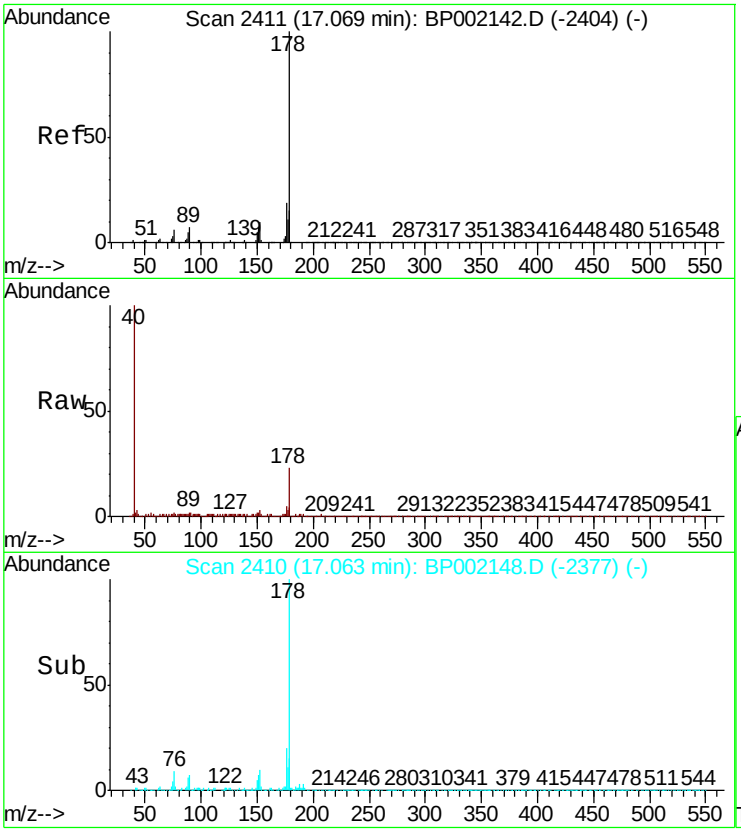


#59
Fluorene
Concen: 1.196 ng/ul
RT: 15.33 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BP002148.D
Acq: 10 Mar 2020 13:58

Tgt Ion:166 Resp: 58387

Ion	Ratio	Lower	Upper
166	100		
165	94.0	78.1	117.1
167	15.9	10.7	16.1





#70
Phenanthrene
Concen: 1.134 ng/ul
RT: 17.06 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BP002148.D
Acq: 10 Mar 2020 13:58

Instrument :
BNA_P
ClientSampleId :
CB5T5

Tgt Ion:178 Resp: 89865

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.2	18.2
176	20.6	14.9	22.3