Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022019\
Data File : BE098741.D
Acq On : 20 Feb 2019 14:56
Operator : JU/SJ
Sample : K1528-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 20 18:02:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	1188	0.40	ng	0.00
7) Naphthalene-d8	10.601	136	4715	0.40	ng	# 0.00
13) Acenaphthene-d10	14.470	164	2933	0.40	ng	0.00
19) Phenanthrene-d10	17.215	188	6491	0.40	ng	#-0.01
27) Chrysene-d12	21.401	240	7367	0.40	ng	#-0.01
34) Perylene-d12	23.915	264	7107	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.386	112	4195	1.19	ng	-0.01
5) Phenol-d6	7.045	99	4187	0.81	ng	0.04
8) Nitrobenzene-d5	8.964	82	1948	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.194	152	3276	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.970	330	691	0.53	ng	-0.01
15) 2-Fluorobiphenyl	13.087	172	5365	0.43	ng	-0.02
25) Fluoranthene-d10	19.254	212	35262	0.38	ng	0.00
29) Terphenyl-d14	19.851	244	7188	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.313	88	59	Below Cal	#	14
3) n-Nitrosodimethylamine	3.670	42	3841	1.23	ng	# 13
6) bis(2-Chloroethyl)ether	7.286	93	663	0.19	ng	# 1
9) Naphthalene	10.666	128	22582968	417.98	ng	100
12) 2-Methylnaphthalene	12.280	142	913824	101.85	ng	97
16) Acenaphthylene	14.182	152	738	0.05	ng	# 18
17) Acenaphthene	14.528	154	800	0.09	ng	# 78
18) Fluorene	15.515	166	1501	0.12	ng	# 90
22) Pentachlorophenol	16.880	266	76	0.07	ng	# 85
23) Phenanthrene	17.255	178	1662	0.09	ng	# 77
24) Anthracene	17.349	178	526	0.10	ng	# 84
32) Bis(2-ethylhexyl)phtha...	21.317	149	6721	0.16	ng	# 94

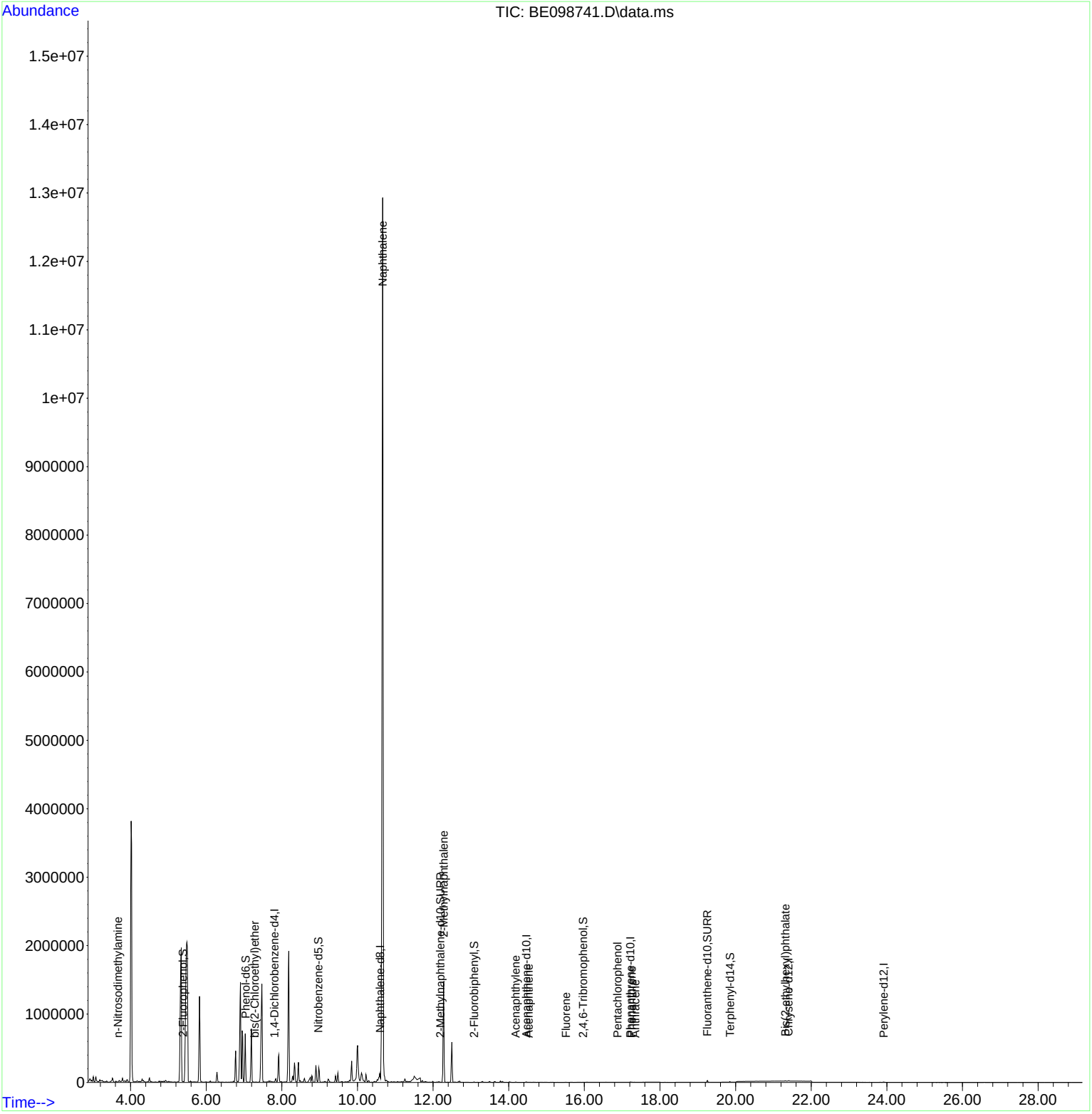
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

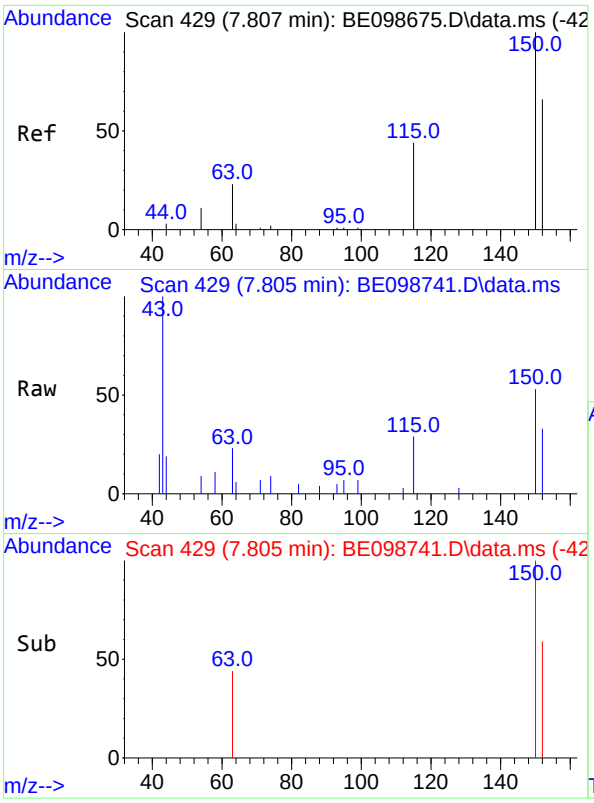
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022019\
Data File : BE098741.D
Acq On : 20 Feb 2019 14:56
Operator : JU/SJ
Sample : K1528-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 20 18:02:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration



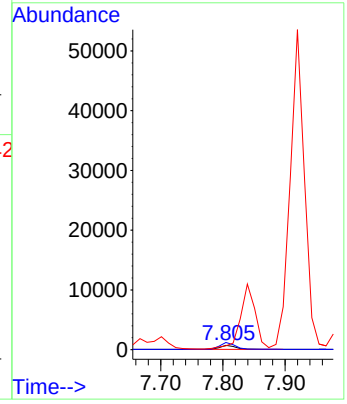
Instrument :
BNA_E
ClientSampleId :

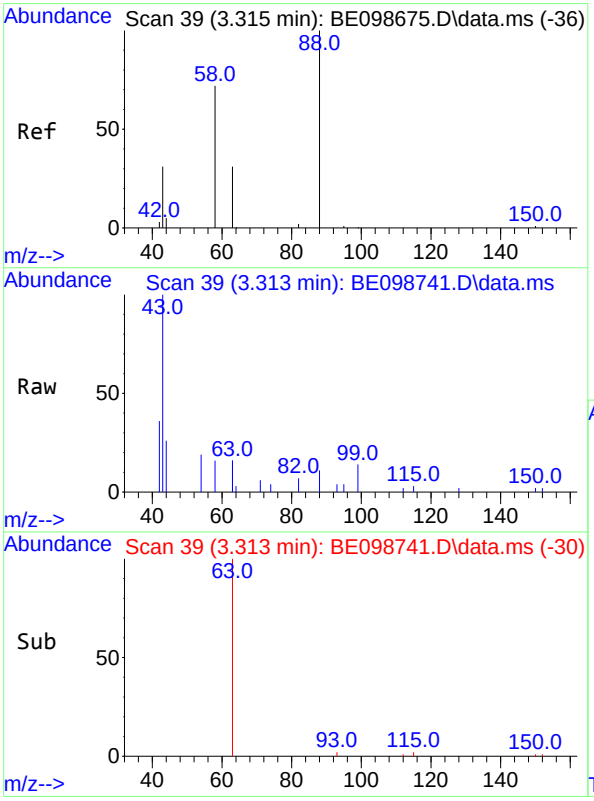


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.805 min Scan# 429
Delta R.T. -0.002 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:152 Resp: 1188

Ion	Ratio	Lower	Upper
152	100		
150	163.6	121.4	182.2
115	87.9	59.1	88.7

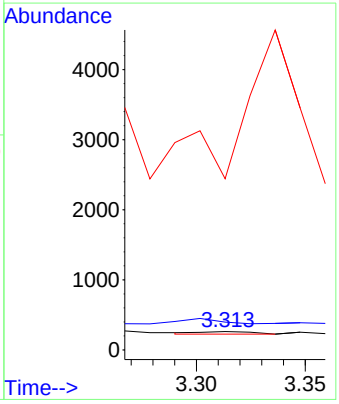




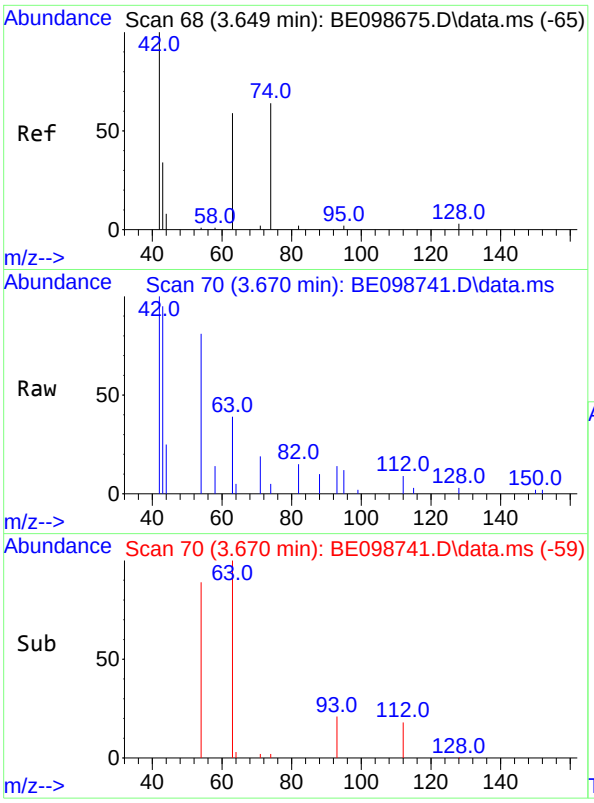
#2
1,4-Dioxane
Concen: Below Cal
RT: 3.313 min Scan# 39
Delta R.T. -0.002 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion: 88 Resp: 59

Ion	Ratio	Lower	Upper
88	100		
58	179.7	73.9	110.9#
43	0.0	43.7	65.5#



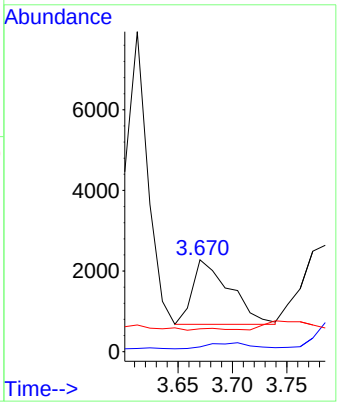
Instrument :
BNA_E
ClientSampleId :

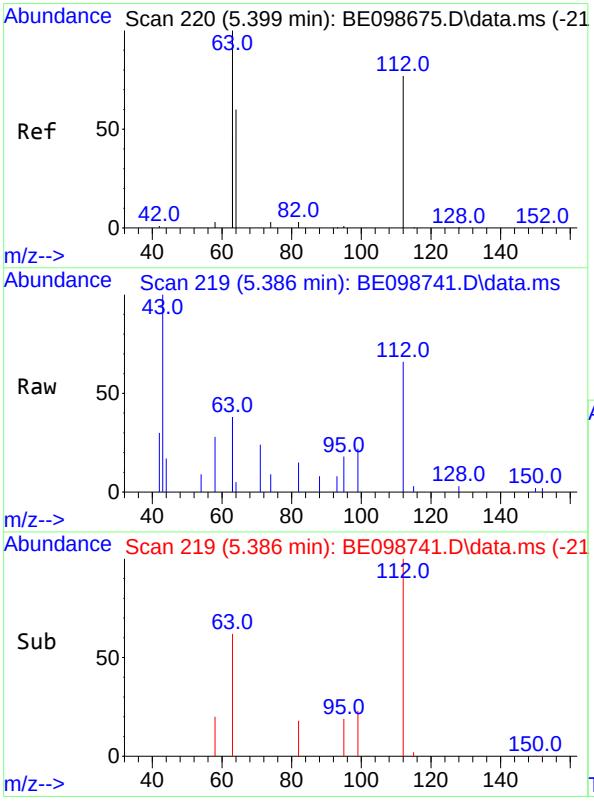


#3
n-Nitrosodimethylamine
Concen: 1.23 ng
RT: 3.670 min Scan# 70
Delta R.T. 0.021 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion: 42 Resp: 3841

Ion	Ratio	Lower	Upper
42	100		
74	0.0	58.9	88.3#
44	1.8	0.0	0.0#

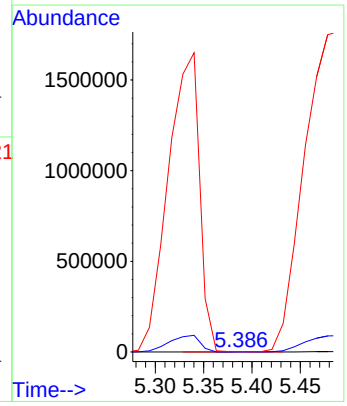




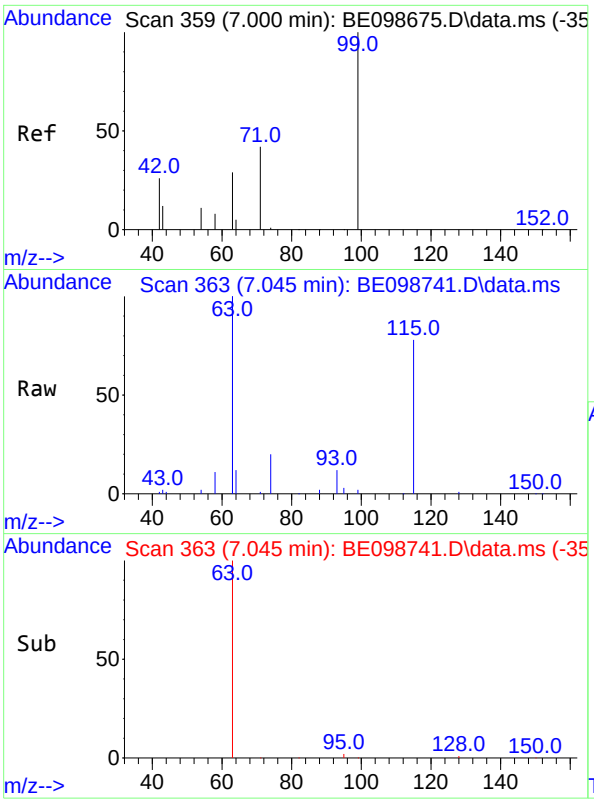
#4
2-Fluorophenol
Concen: 1.19 ng
RT: 5.386 min Scan# 219
Delta R.T. -0.013 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:112 Resp: 4195

Ion	Ratio	Lower	Upper
112	100		
64	0.0	62.9	94.3#
63	0.0	152.2	228.4#



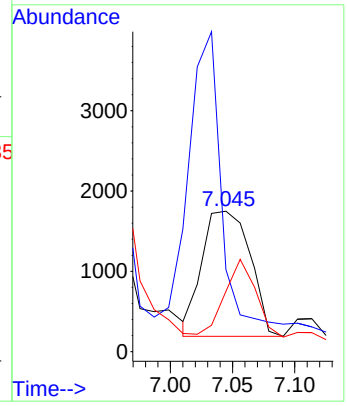
Instrument :
BNA_E
ClientSampleId :

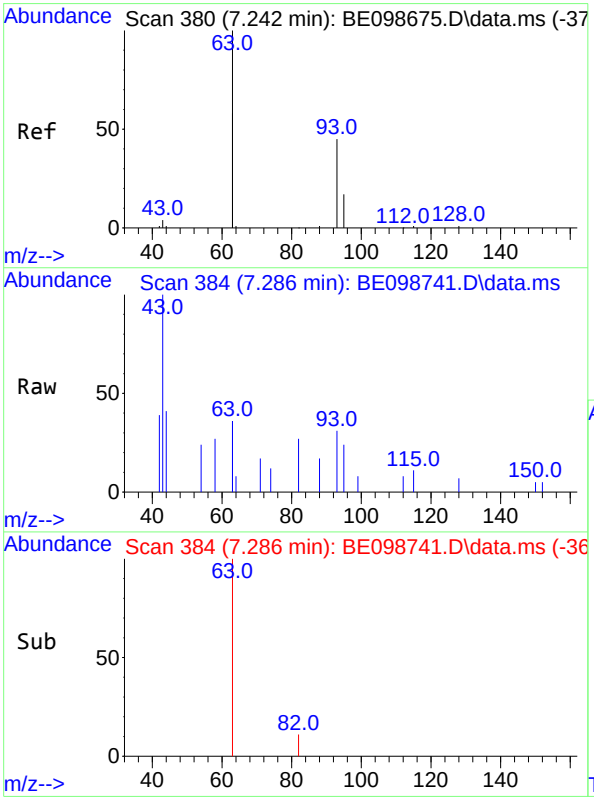


#5
Phenol-d6
Concen: 0.81 ng
RT: 7.045 min Scan# 363
Delta R.T. 0.045 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion: 99 Resp: 4187

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.6	37.0#
71	50.8	35.1	52.7

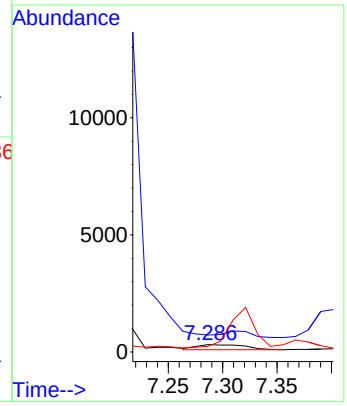




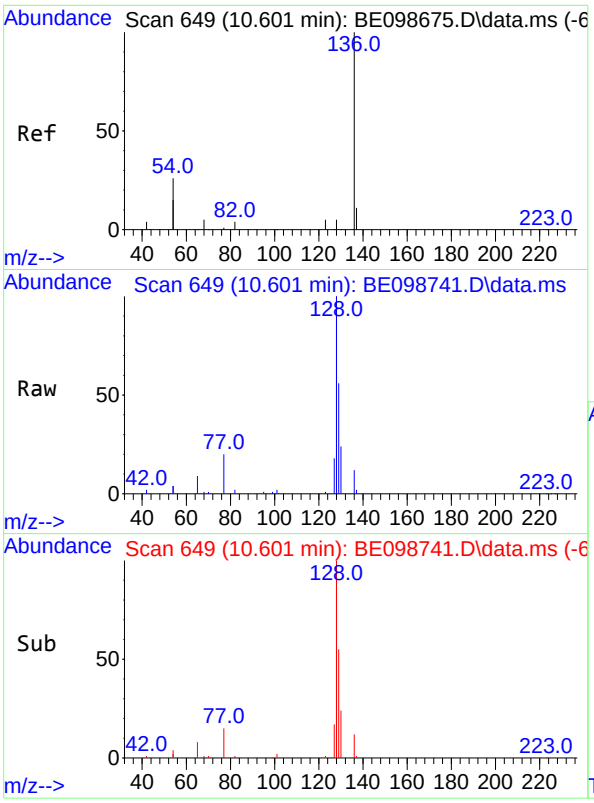
#6
bis(2-Chloroethyl)ether
Concen: 0.19 ng
RT: 7.286 min Scan# 384
Delta R.T. 0.044 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion: 93 Resp: 663

Ion	Ratio	Lower	Upper
93	100		
63	0.0	267.3	400.9#
95	0.0	26.2	39.4#



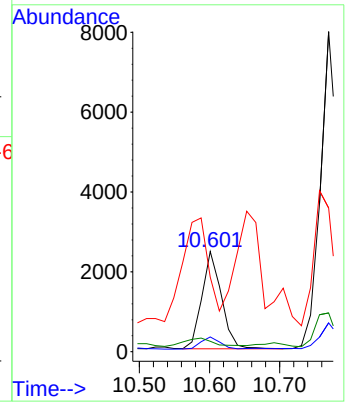
Instrument :
BNA_E
ClientSampleId :

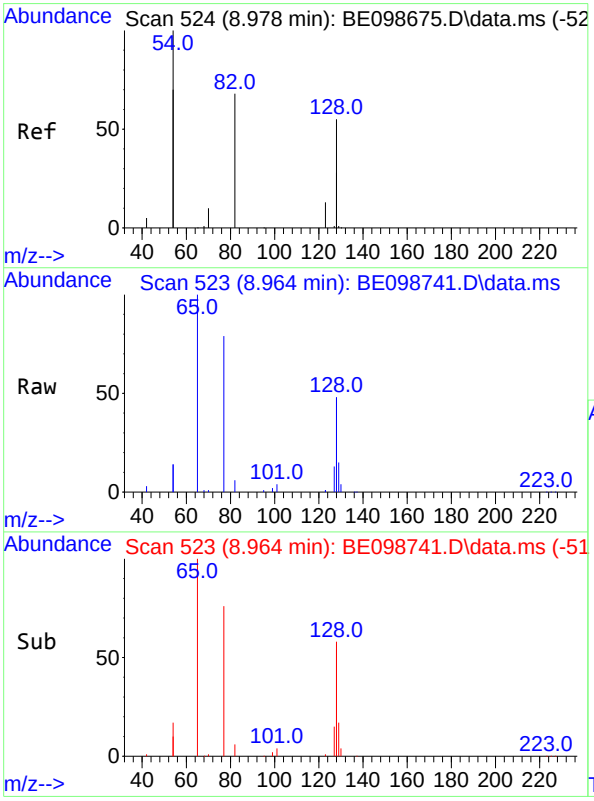


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. 0.000 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:136 Resp: 4715

Ion	Ratio	Lower	Upper
136	100		
137	14.7	9.7	14.5#
54	74.5	35.5	53.3#
68	10.5	5.0	7.6#

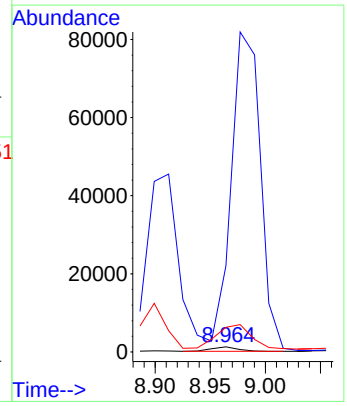




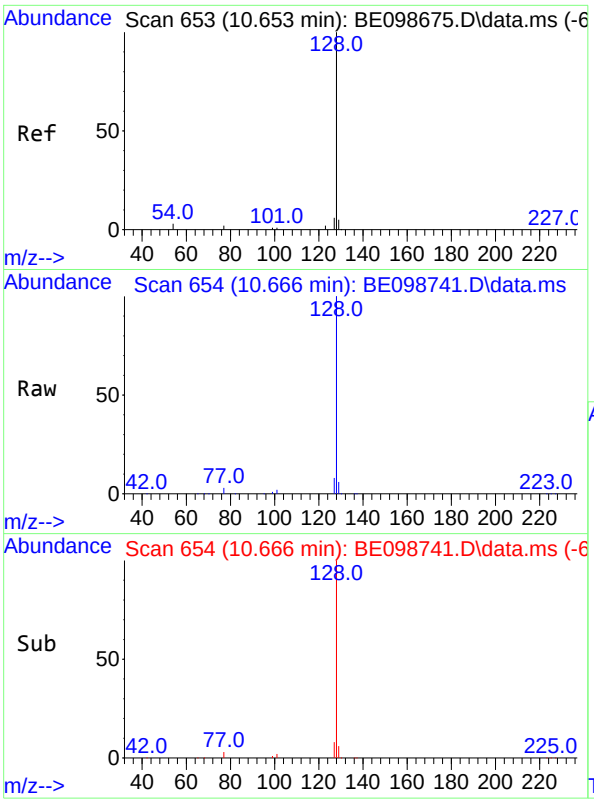
#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.964 min Scan# 523
Delta R.T. -0.014 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion: 82 Resp: 1948

Ion	Ratio	Lower	Upper
82	100		
128	1697.4	96.5	144.7#
54	486.4	224.7	337.1#



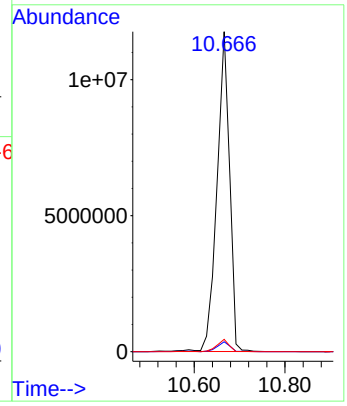
Instrument :
BNA_E
ClientSampleId :

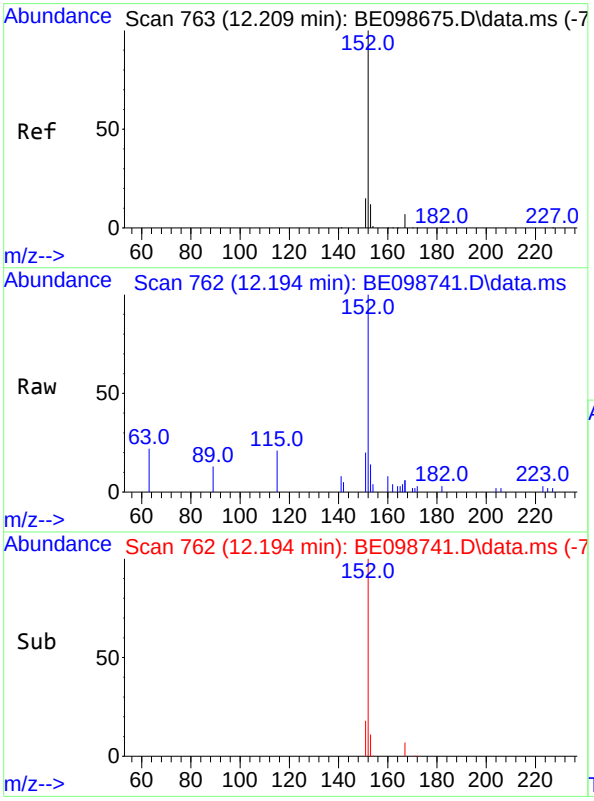


#9
Naphthalene
Concen: 417.98 ng
RT: 10.666 min Scan# 654
Delta R.T. 0.013 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:128 Resp:22582968

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.8	3.0	4.6

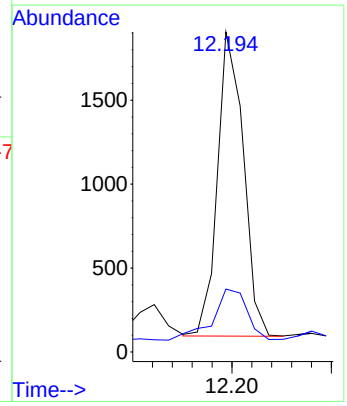


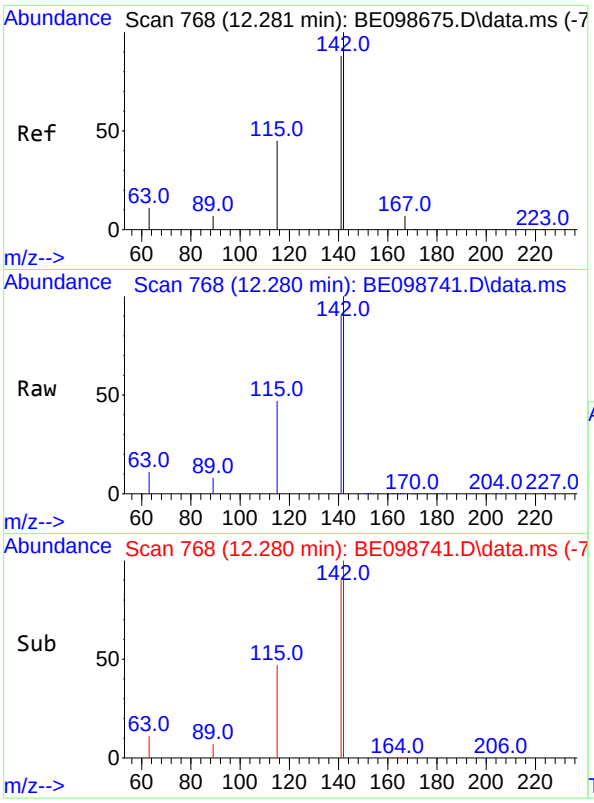


#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.194 min Scan# 762
Delta R.T. -0.015 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:152 Resp: 3276

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.2	24.4

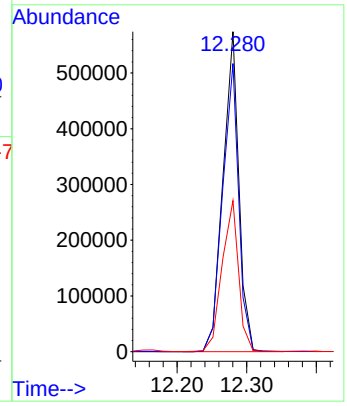




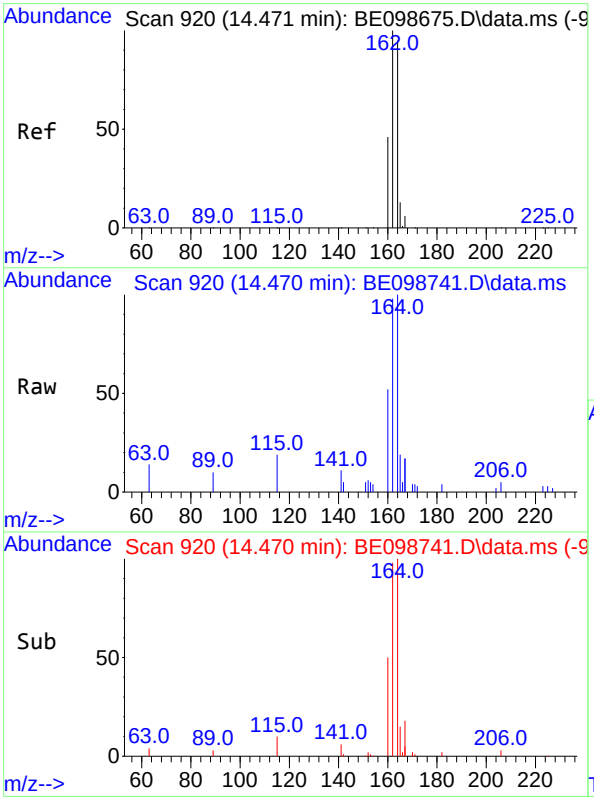
#12
2-Methylnaphthalene
Concen: 101.85 ng
RT: 12.280 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:142 Resp: 913824

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.0	105.0
115	47.2	35.2	52.8



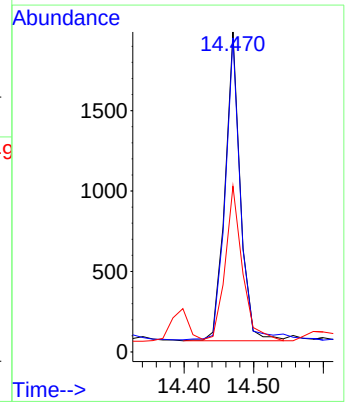
Instrument :
BNA_E
ClientSampleId :



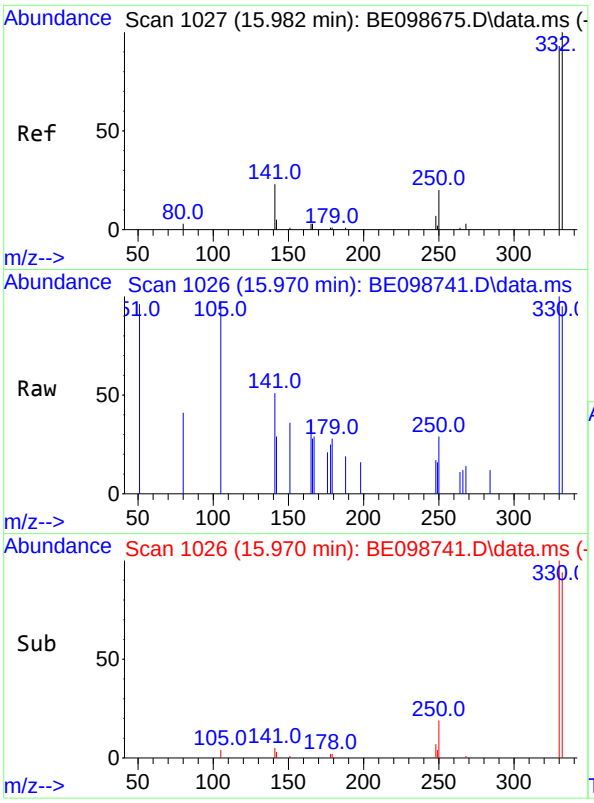
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.470 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:164 Resp: 2933

Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.5	120.7
160	51.8	40.1	60.1



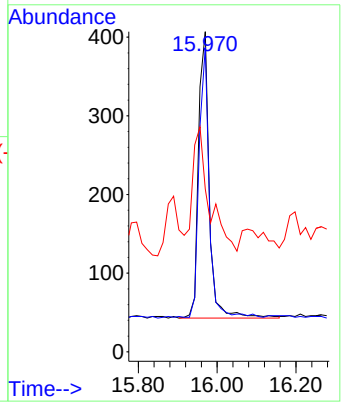
Instrument :
BNA_E
ClientSampleId :

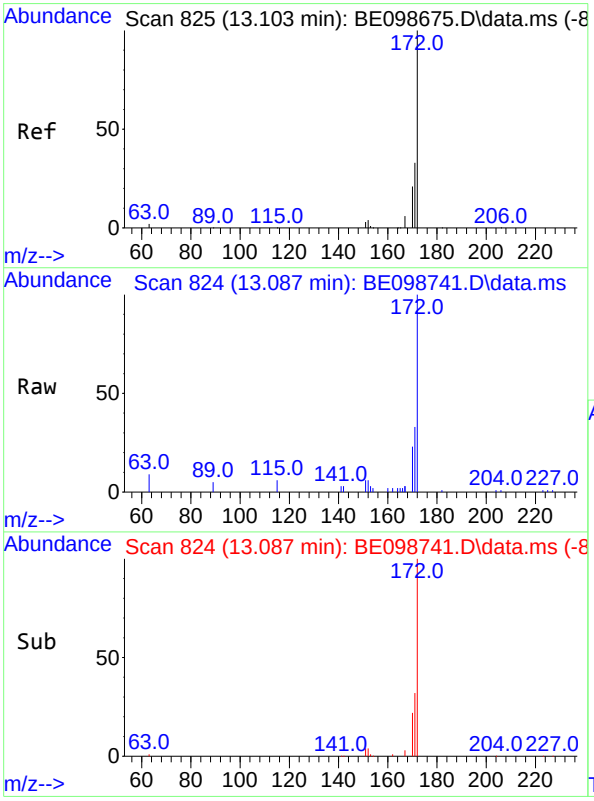


#14
2,4,6-Tribromophenol
Concen: 0.53 ng
RT: 15.970 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:330 Resp: 691

Ion	Ratio	Lower	Upper
330	100		
332	88.3	73.3	109.9
141	65.1	33.1	49.7#

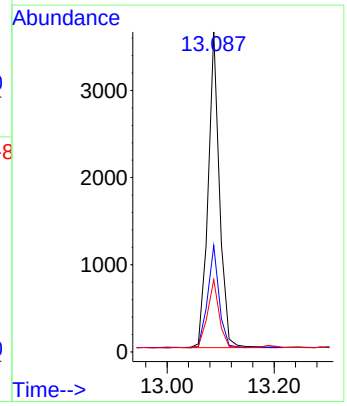


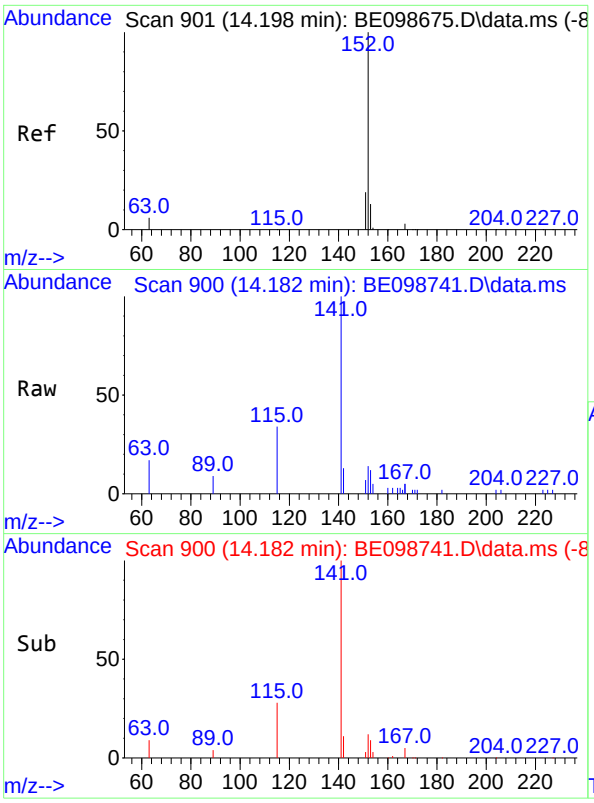


#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.087 min Scan# 824
Delta R.T. -0.016 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:172 Resp: 5365

Ion	Ratio	Lower	Upper
172	100		
171	33.2	29.0	43.4
170	22.6	20.8	31.2

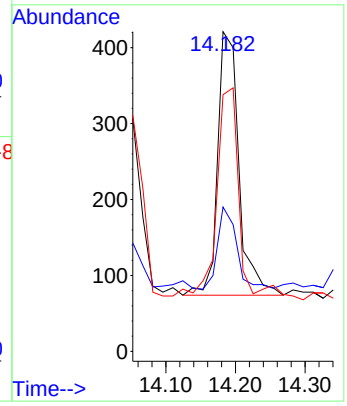




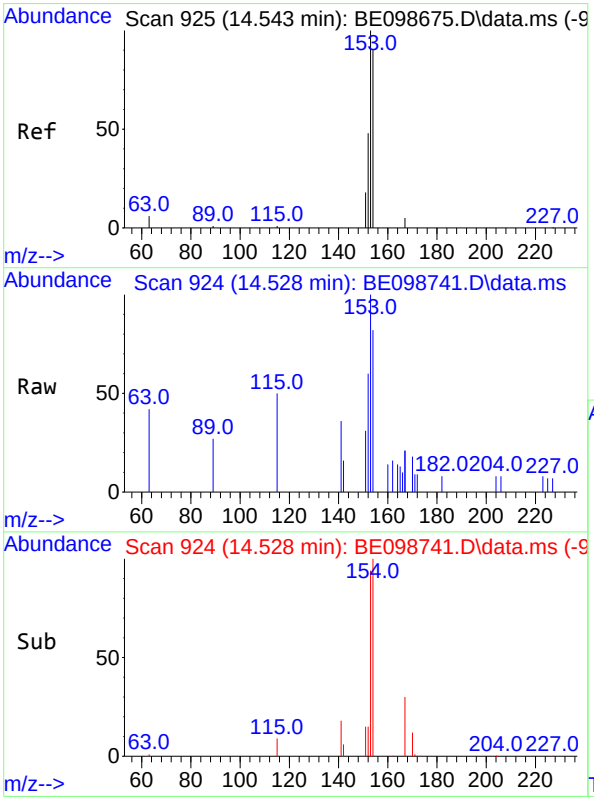
#16
Acenaphthylene
Concen: 0.05 ng
RT: 14.182 min Scan# 900
Delta R.T. -0.016 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:152 Resp: 738

Ion	Ratio	Lower	Upper
152	100		
151	27.8	16.3	24.5#
153	86.9	10.7	16.1#



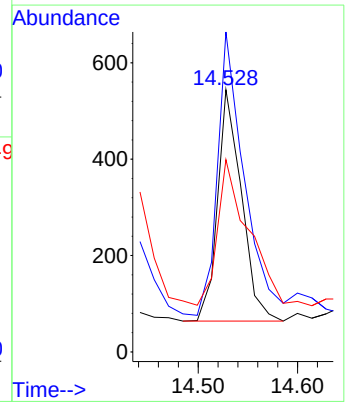
Instrument :
BNA_E
ClientSampleId :



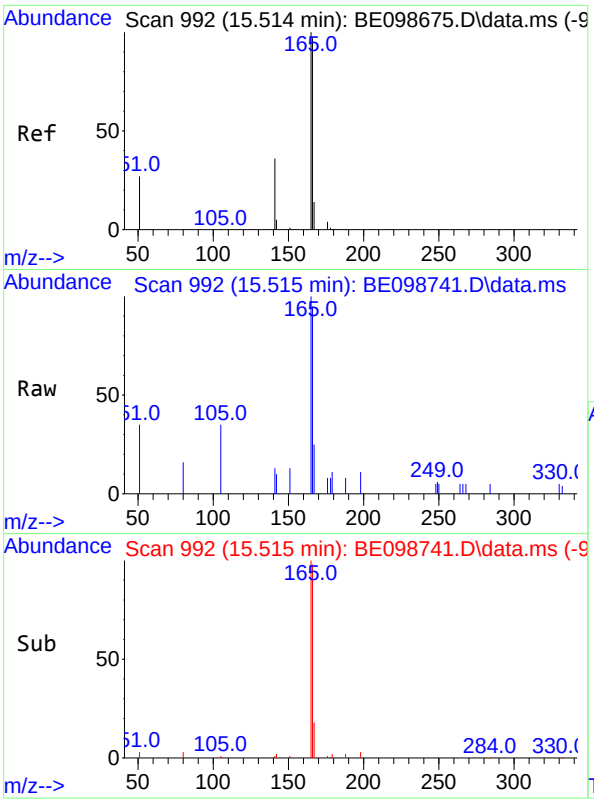
#17
Acenaphthene
Concen: 0.09 ng
RT: 14.528 min Scan# 924
Delta R.T. -0.015 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:154 Resp: 800

Ion	Ratio	Lower	Upper
154	100		
153	136.8	93.9	140.9
152	80.4	45.8	68.8#



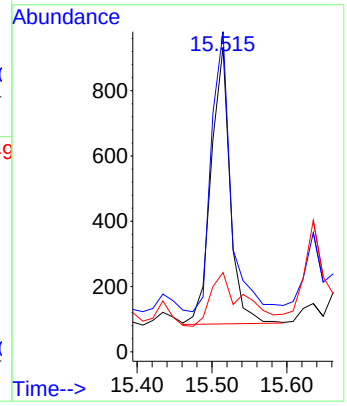
Instrument :
BNA_E
ClientSampleId :

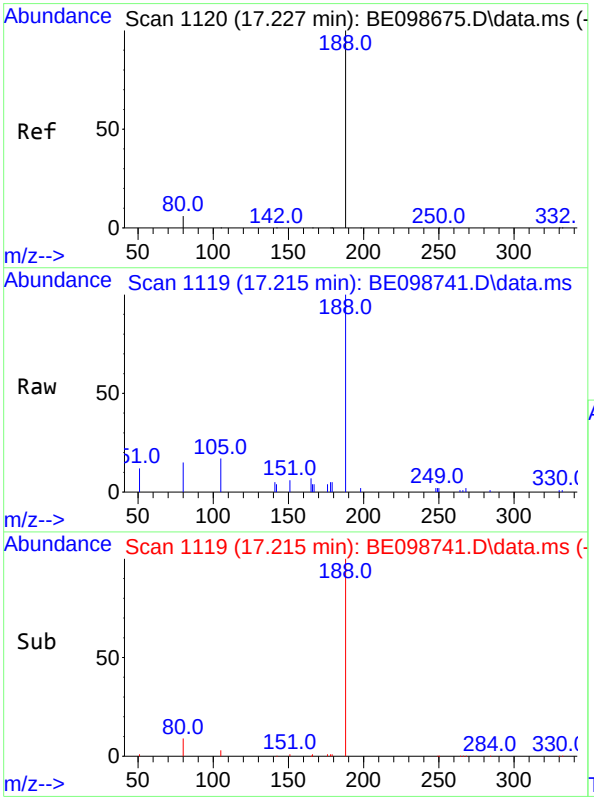


#18
Fluorene
Concen: 0.12 ng
RT: 15.515 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:166 Resp: 1501

Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.3	118.9
167	34.4	10.6	15.8#

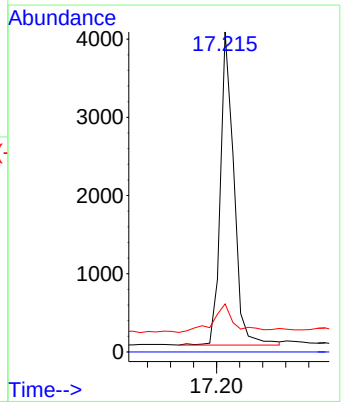




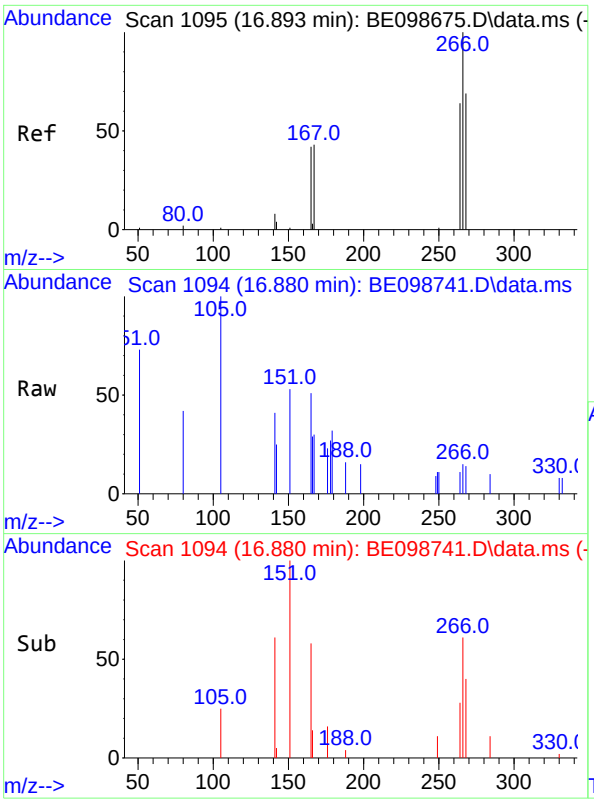
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.215 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:188 Resp: 6491

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.0	4.7	7.1#



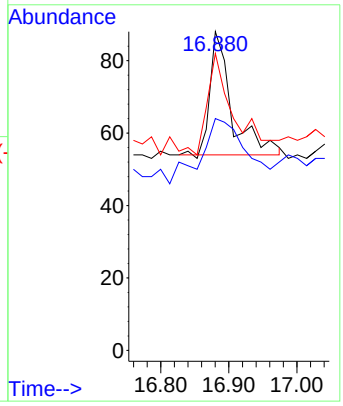
Instrument :
BNA_E
ClientSampleId :

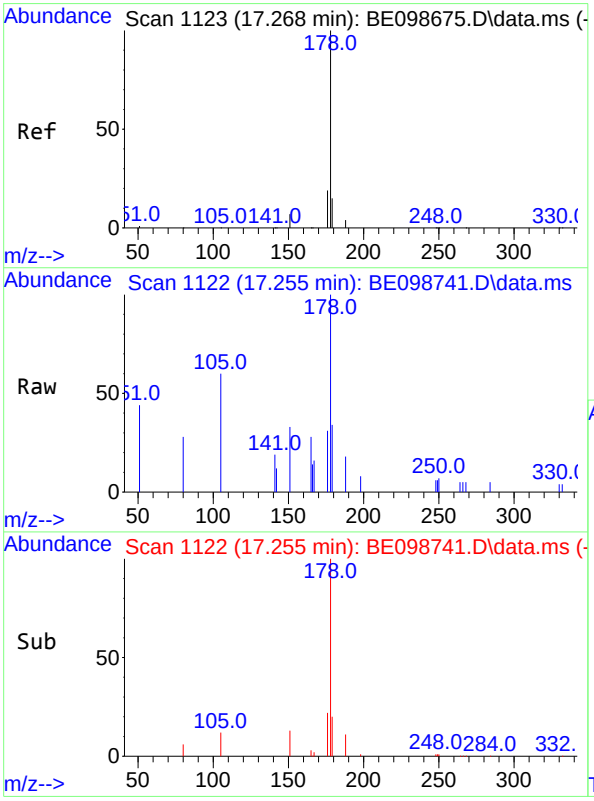


#22
Pentachlorophenol
Concen: 0.07 ng
RT: 16.880 min Scan# 1094
Delta R.T. -0.013 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:266 Resp: 76

Ion	Ratio	Lower	Upper
266	100		
264	72.7	53.7	80.5
268	93.2	59.8	89.8#

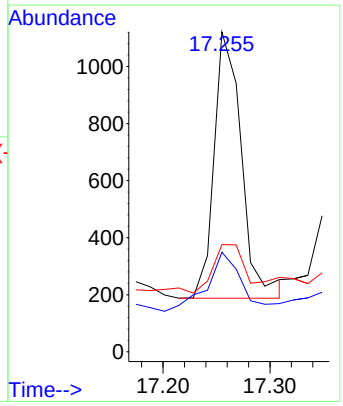




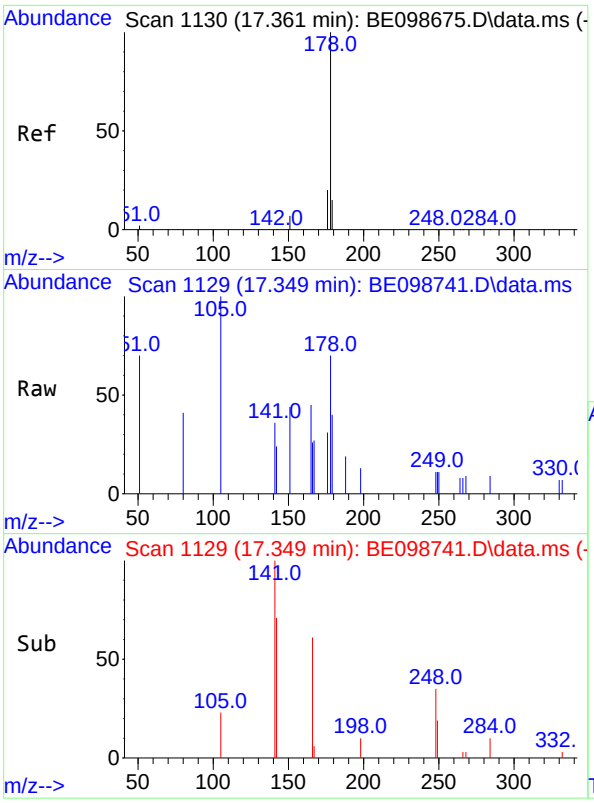
#23
Phenanthrene
Concen: 0.09 ng
RT: 17.255 min Scan# 1122
Delta R.T. -0.013 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:178 Resp: 1662

Ion	Ratio	Lower	Upper
178	100		
176	27.6	15.9	23.9#
179	28.3	12.2	18.4#



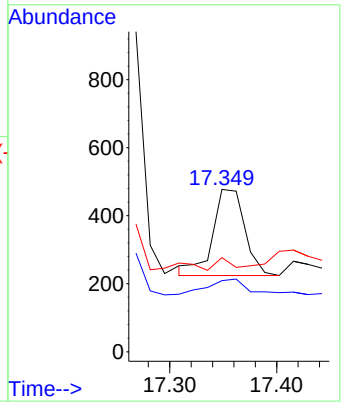
Instrument :
BNA_E
ClientSampleId :

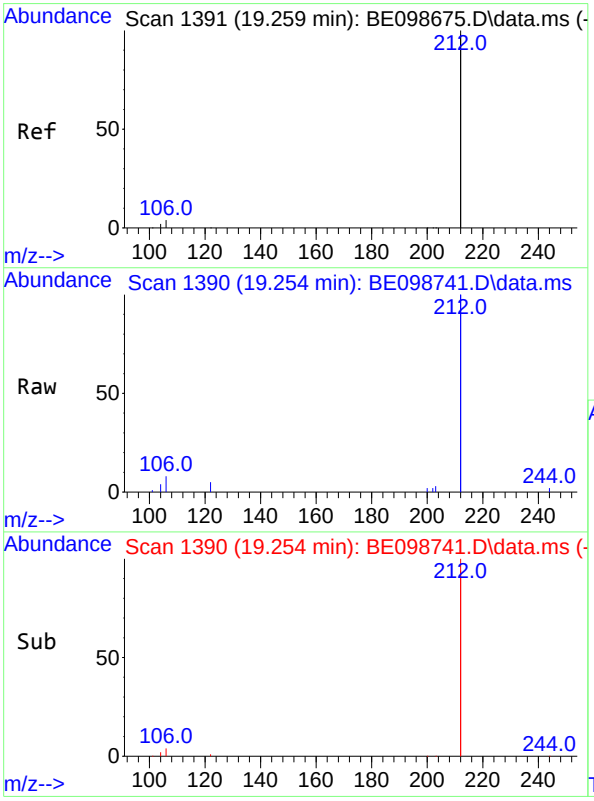


#24
Anthracene
Concen: 0.10 ng
RT: 17.349 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:178 Resp: 526

Ion	Ratio	Lower	Upper
178	100		
176	24.7	14.9	22.3#
179	7.2	11.8	17.8#

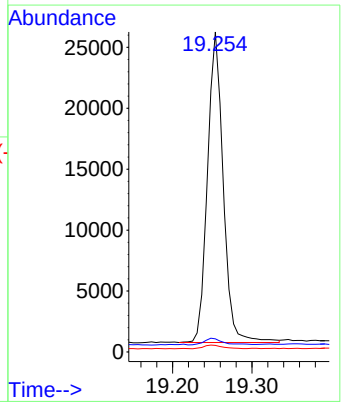




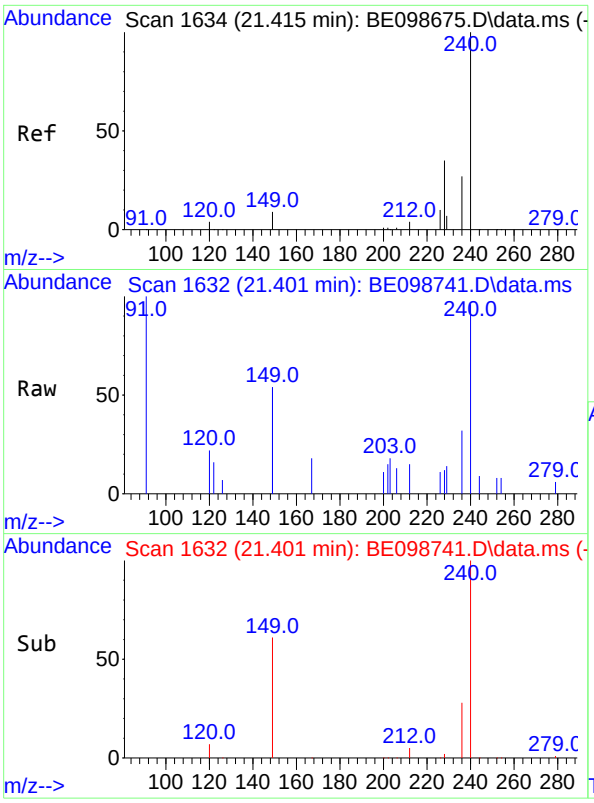
#25
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.254 min Scan# 1390
Delta R.T. -0.005 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:212 Resp: 35262

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.7	2.5#
104	1.6	1.0	1.6#



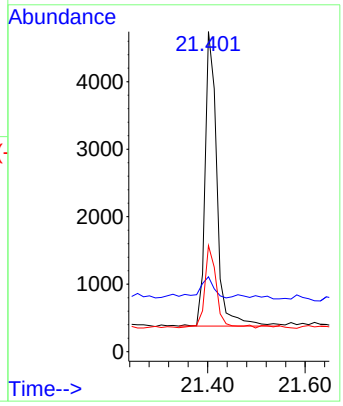
Instrument :
BNA_E
ClientSampleId :

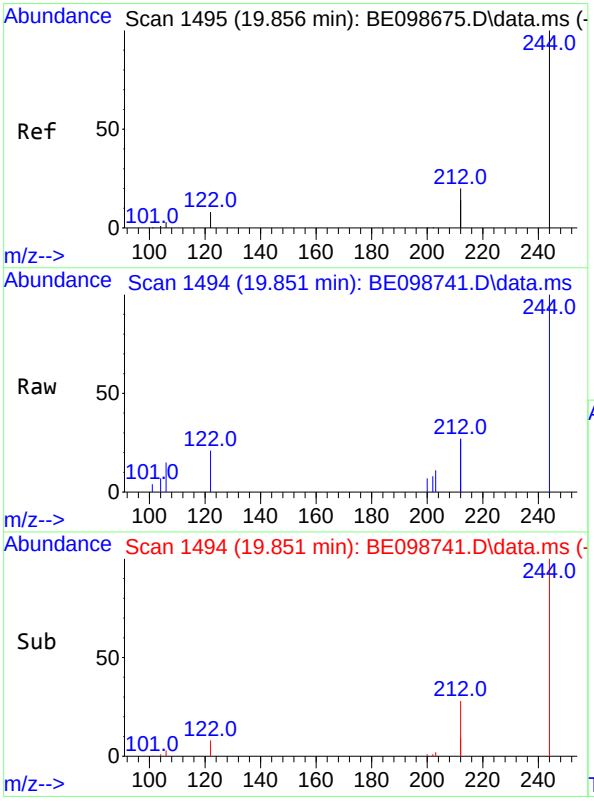


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.401 min Scan# 1632
Delta R.T. -0.014 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:240 Resp: 7367

Ion	Ratio	Lower	Upper
240	100		
120	23.4	4.7	7.1#
236	33.2	21.9	32.9#

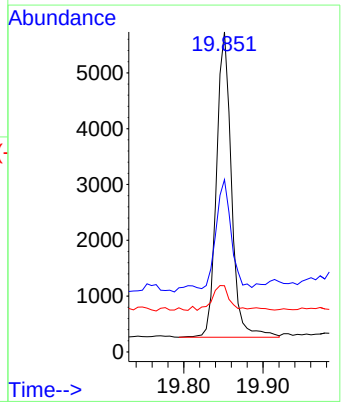


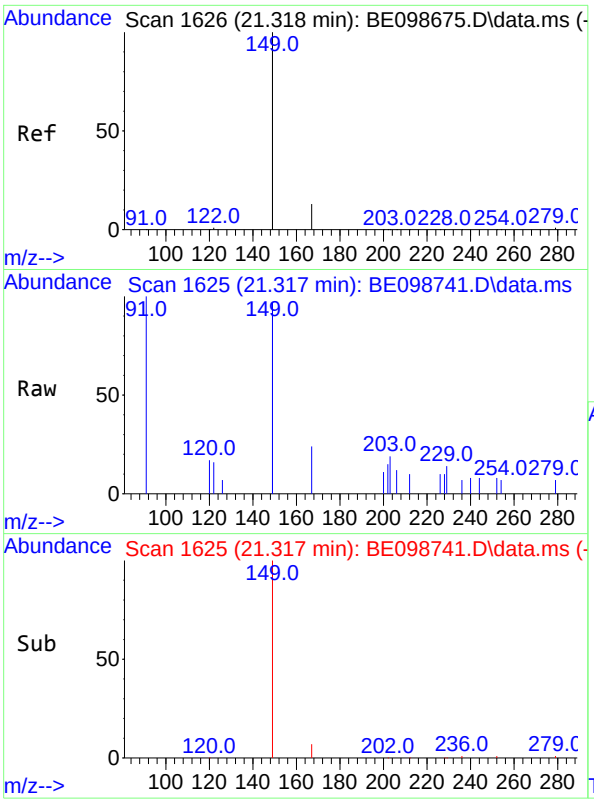


#29
Terphenyl-d14
Concen: 0.39 ng
RT: 19.851 min Scan# 1494
Delta R.T. -0.005 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:244 Resp: 7188

Ion	Ratio	Lower	Upper
244	100		
212	53.9	29.4	44.2#
122	20.7	7.1	10.7#

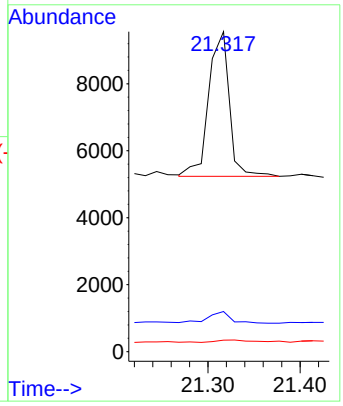




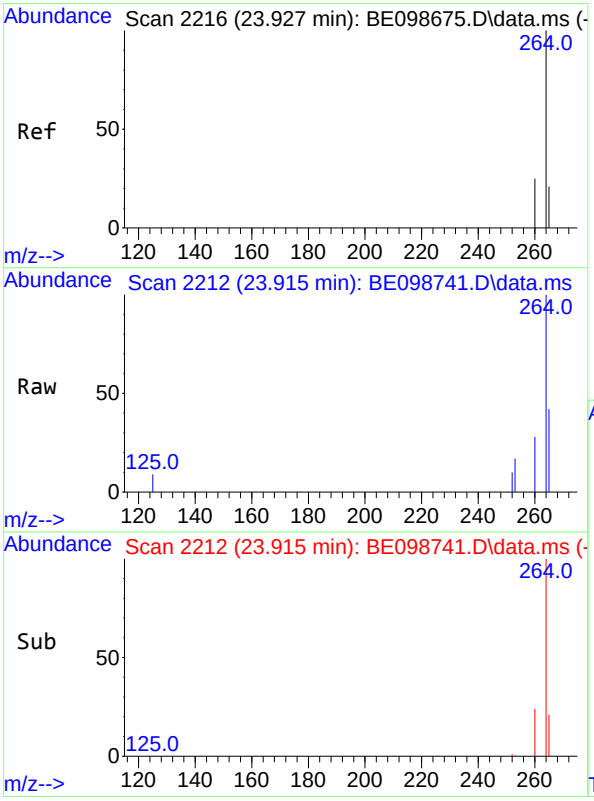
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.317 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:149 Resp: 6721

Ion	Ratio	Lower	Upper
149	100		
167	8.7	5.4	8.2#
279	3.2	1.0	1.4#



Instrument :
BNA_E
ClientSampleId :



#34
Perylene-d12
Concen: 0.40 ng
RT: 23.915 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:264 Resp: 7107

Ion	Ratio	Lower	Upper
264	100		
260	28.5	20.5	30.7
265	41.6	22.3	33.5#