Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE021319\
Data File : BE098728.D
Acq On : 13 Feb 2019 15:32
Operator : JU/SJ
Sample : PB117079BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB117079BS

Quant Time: Feb 14 04:05:58 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	7.817	152	898	0.40	ng		0.00
7) Naphthalene-d8	10.601	136	4320	0.40	ng		# 0.00
13) Acenaphthene-d10	14.471	164	2828	0.40	ng		0.00
19) Phenanthrene-d10	17.229	188	6559	0.40	ng		# 0.00
27) Chrysene-d12	21.415	240	7049	0.40	ng		0.00
34) Perylene-d12	23.927	264	6781	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.409	112	936	0.35	ng		0.01
5) Phenol-d6	6.999	99	1525	0.39	ng		0.00
8) Nitrobenzene-d5	8.977	82	1518	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.209	152	3056	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	436	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.102	172	4548	0.38	ng		0.00
25) Fluoranthene-d10	19.260	212	36666	0.39	ng		0.00
29) Terphenyl-d14	19.857	244	6792	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.313	88	682	0.41	ng		95
3) n-Nitrosodimethylamine	3.659	42	744	0.36	ng	#	92
6) bis(2-Chloroethyl)ether	7.241	93	1194	0.45	ng	#	68
9) Naphthalene	10.653	128	19220	0.39	ng		100
10) Hexachlorobutadiene	10.926	225	1282	0.39	ng		98
12) 2-Methylnaphthalene	12.281	142	3092	0.38	ng		98
16) Acenaphthylene	14.197	152	5437	0.37	ng		98
17) Acenaphthene	14.543	154	3328	0.39	ng		97
18) Fluorene	15.515	166	4482	0.38	ng		98
20) 4-Bromophenyl-phenylether	16.425	248	1417	0.37	ng	#	81
21) Hexachlorobenzene	16.532	284	1690	0.37	ng		93
22) Pentachlorophenol	16.894	266	389	0.33	ng		94
23) Phenanthrene	17.269	178	7049	0.39	ng		99
24) Anthracene	17.362	178	5403	0.37	ng		98
26) Fluoranthene	19.288	202	9038	0.39	ng		100
28) Pyrene	19.650	202	9233	0.41	ng		100
30) Benzo(a)anthracene	21.403	228	8068	0.38	ng		96
31) Chrysene	21.451	228	9007	0.39	ng		98
32) Bis(2-ethylhexyl)phtha...	21.318	149	13991	0.35	ng		100
33) Indeno(1,2,3-cd)pyrene	26.577	276	8400	0.35	ng		99
35) Benzo(b)fluoranthene	23.153	252	8638	0.39	ng		98
36) Benzo(k)fluoranthene	23.203	252	9350	0.40	ng		99
37) Benzo(a)pyrene	23.816	252	8136	0.39	ng		98
38) Dibenzo(a,h)anthracene	26.602	278	5927	0.31	ng		97
39) Benzo(g,h,i)perylene	27.387	276	7619	0.36	ng		98

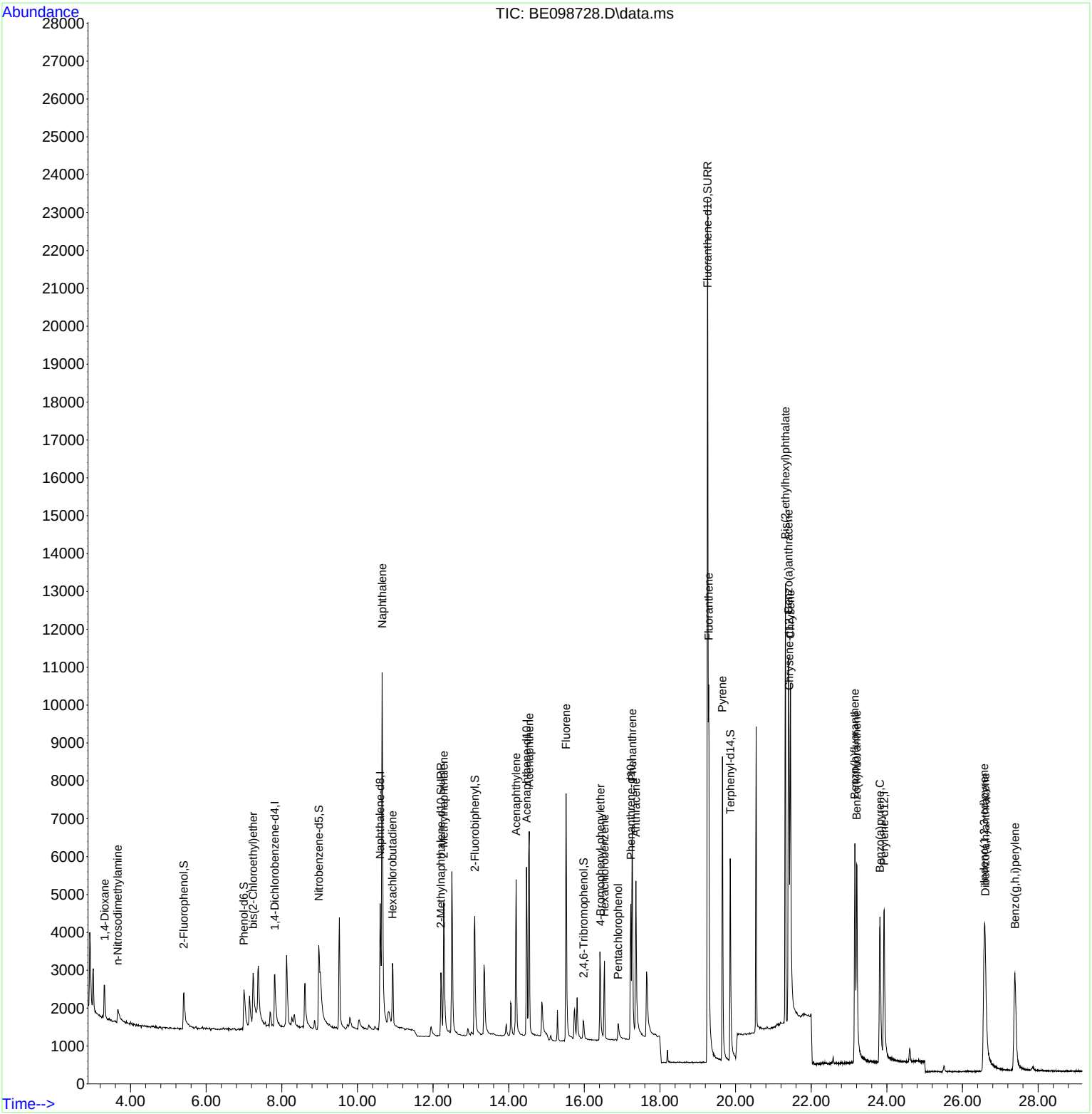
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

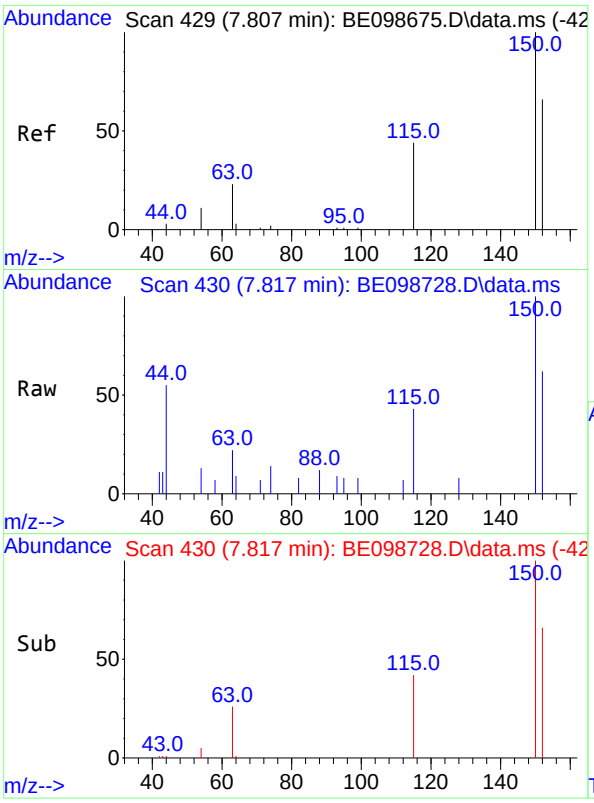
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE021319\
Data File : BE098728.D
Acq On : 13 Feb 2019 15:32
Operator : JU/SJ
Sample : PB117079BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB117079BS

Quant Time: Feb 14 04:05:58 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



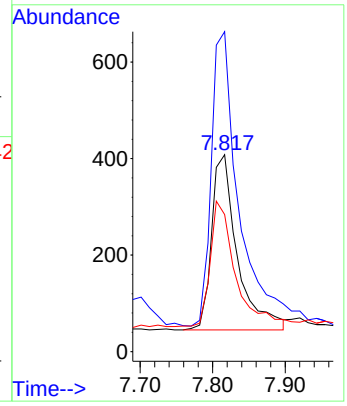
Instrument :
BNA_E
ClientSampleId :
PB117079BS

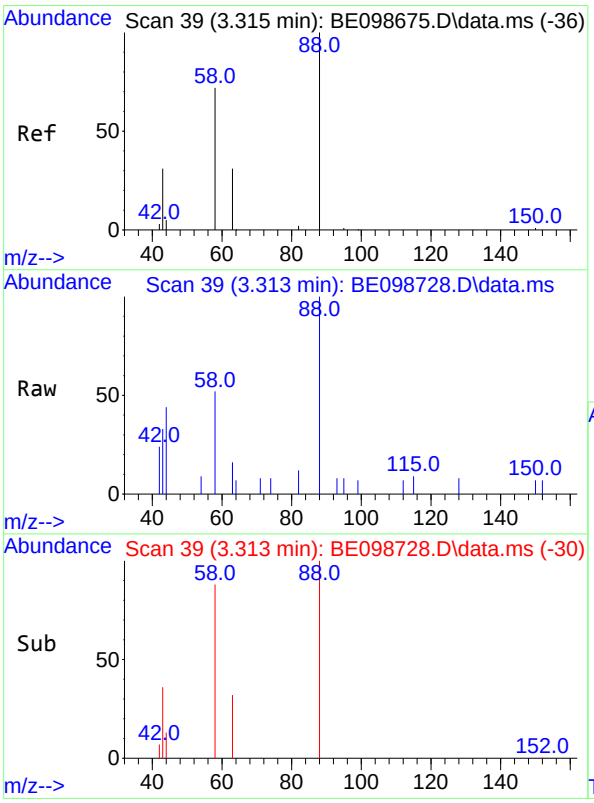


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.817 min Scan# 430
Delta R.T. 0.010 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:152 Resp: 898

Ion	Ratio	Lower	Upper
152	100		
150	162.5	121.4	182.2
115	69.6	59.1	88.7

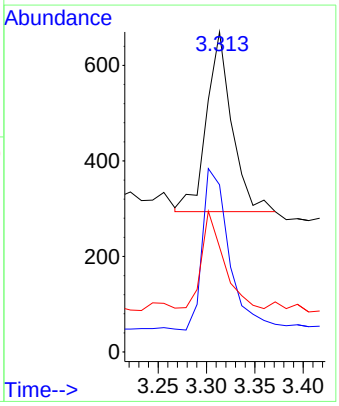




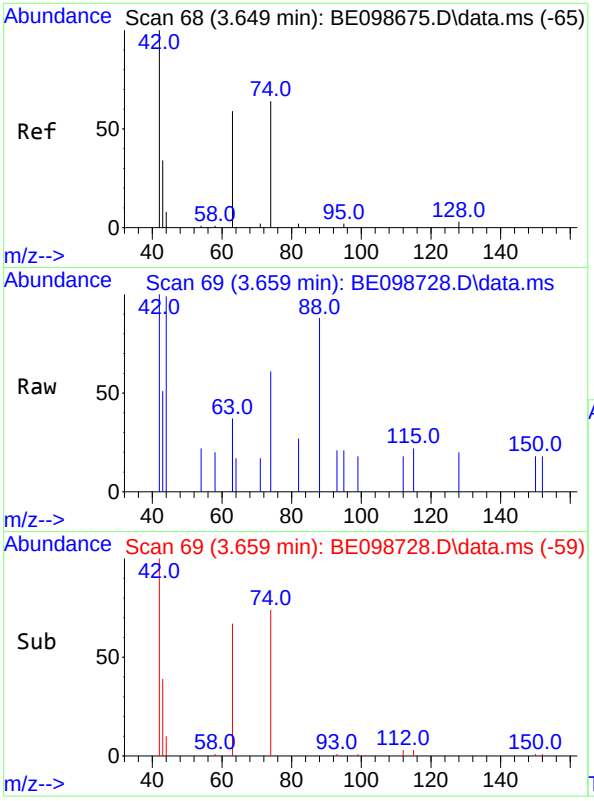
#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.313 min Scan# 39
Delta R.T. -0.002 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion: 88 Resp: 682

Ion	Ratio	Lower	Upper
88	100		
58	93.8	73.9	110.9
43	46.8	43.7	65.5



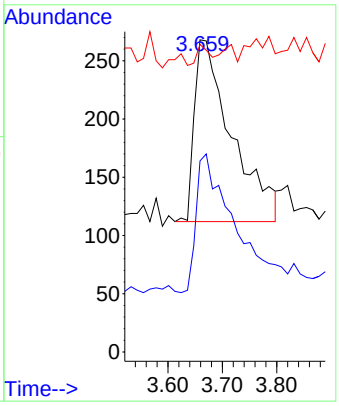
Instrument :
BNA_E
ClientSampleId :
PB117079BS

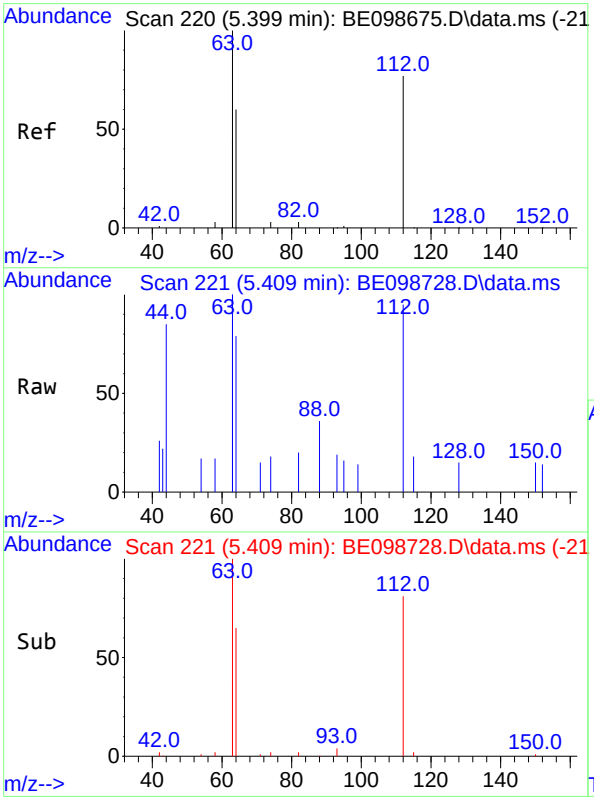


#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.659 min Scan# 69
Delta R.T. 0.010 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion: 42 Resp: 744

Ion	Ratio	Lower	Upper
42	100		
74	80.2	58.9	88.3
44	3.8	0.0	0.0#

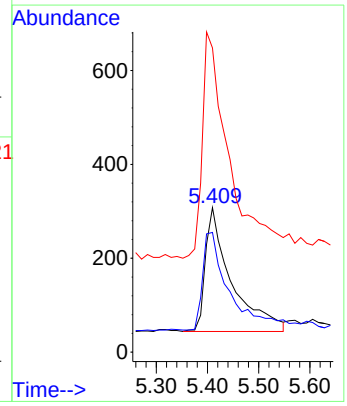




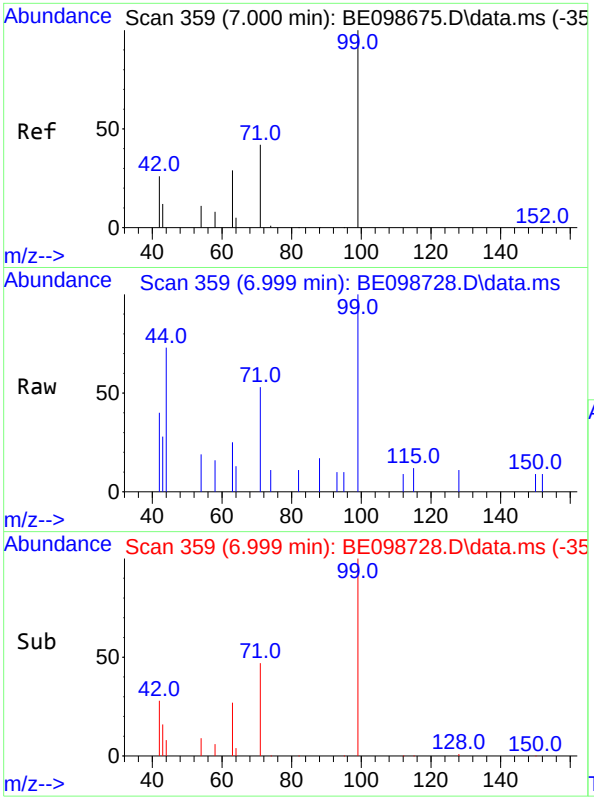
#4
2-Fluorophenol
Concen: 0.35 ng
RT: 5.409 min Scan# 221
Delta R.T. 0.010 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:112 Resp: 936

Ion	Ratio	Lower	Upper
112	100		
64	83.9	62.9	94.3
63	206.7	152.2	228.4



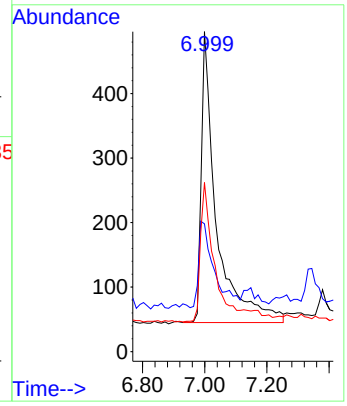
Instrument :
BNA_E
ClientSampleId :
PB117079BS

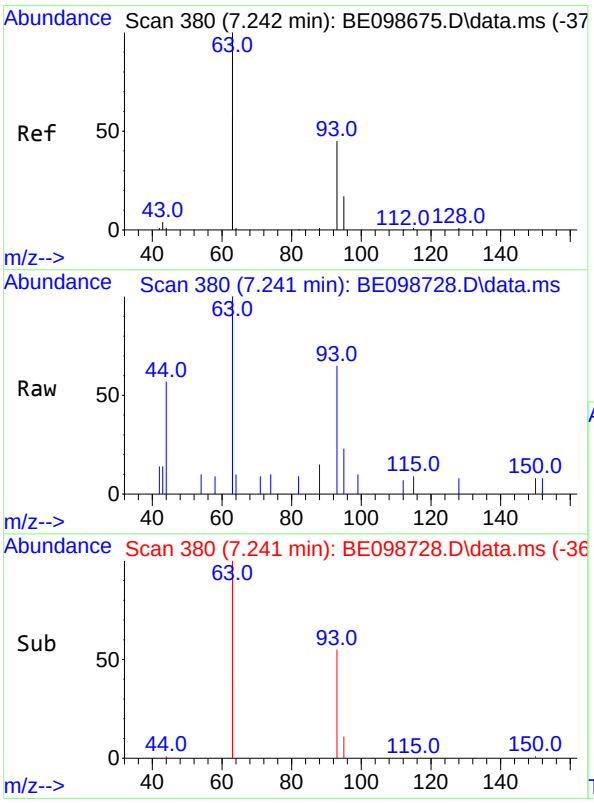


#5
Phenol-d6
Concen: 0.39 ng
RT: 6.999 min Scan# 359
Delta R.T. -0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion: 99 Resp: 1525

Ion	Ratio	Lower	Upper
99	100		
42	30.8	24.6	37.0
71	42.6	35.1	52.7

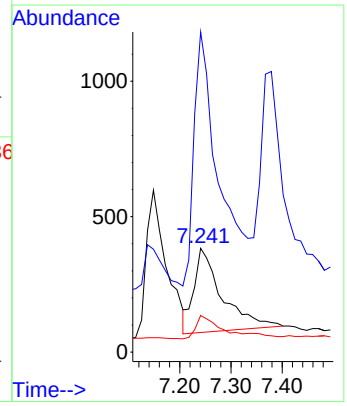




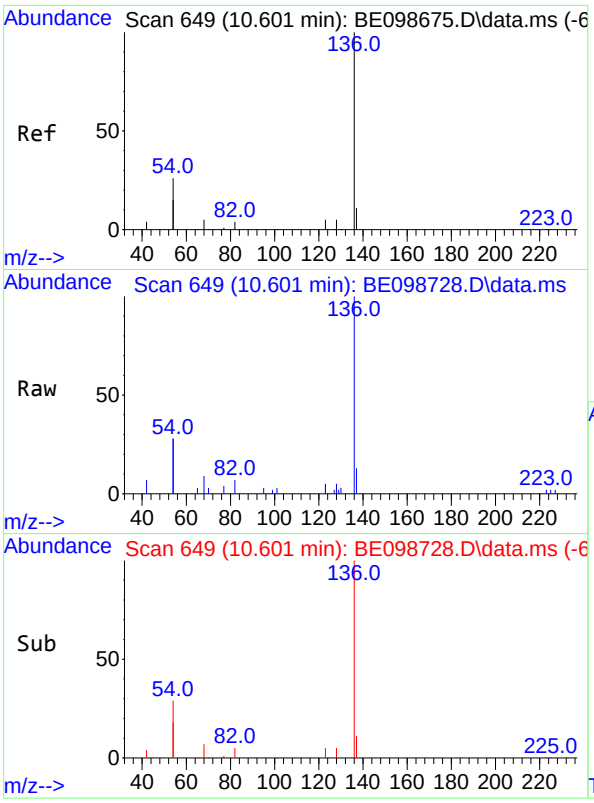
#6
bis(2-Chloroethyl)ether
Concen: 0.45 ng
RT: 7.241 min Scan# 380
Delta R.T. -0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion: 93 Resp: 1194

Ion	Ratio	Lower	Upper
93	100		
63	262.3	267.3	400.9#
95	28.3	26.2	39.4



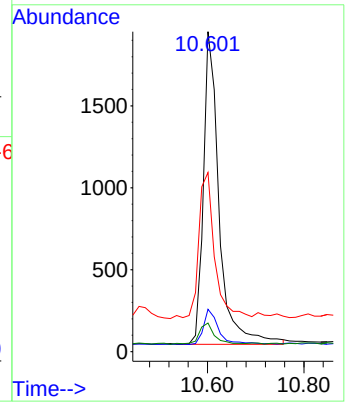
Instrument :
BNA_E
ClientSampleId :
PB117079BS

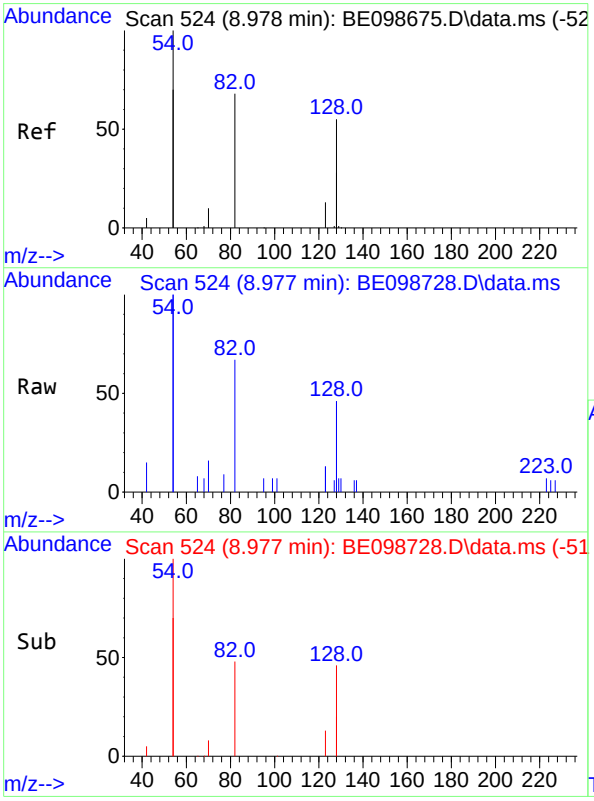


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. -0.000 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:136 Resp: 4320

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.7	14.5
54	56.0	35.5	53.3#
68	8.9	5.0	7.6#

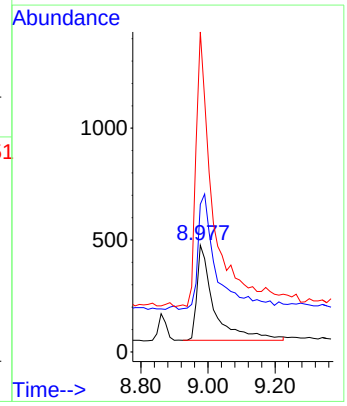




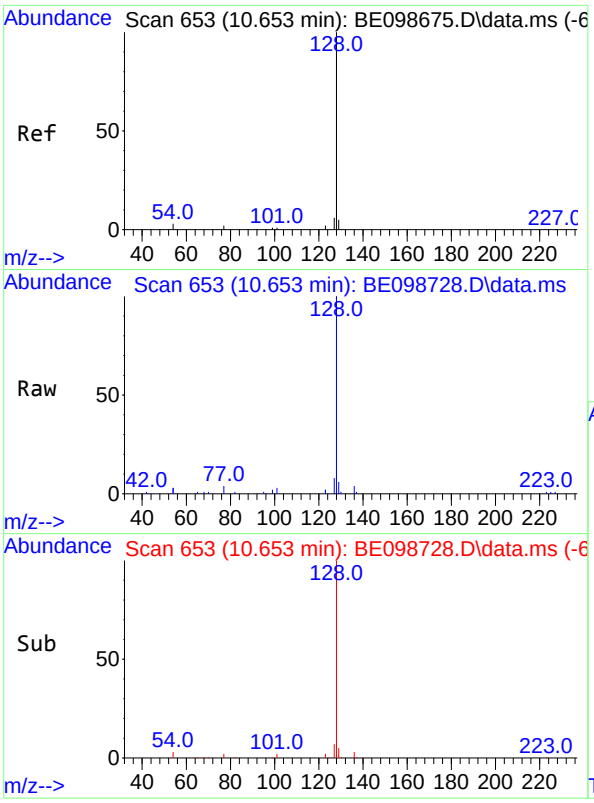
#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion: 82 Resp: 1518

Ion	Ratio	Lower	Upper
82	100		
128	138.4	96.5	144.7
54	299.8	224.7	337.1



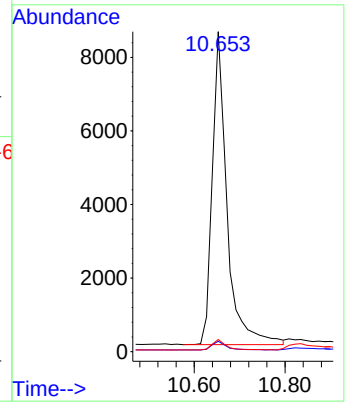
Instrument :
BNA_E
ClientSampleId :
PB117079BS

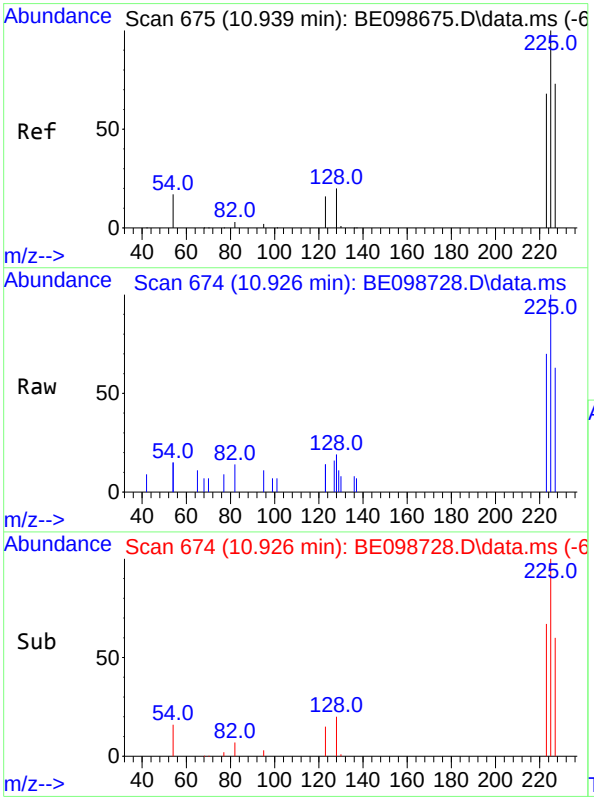


#9
Naphthalene
Concen: 0.39 ng
RT: 10.653 min Scan# 653
Delta R.T. -0.000 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:128 Resp: 19220

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.8	3.0	4.6

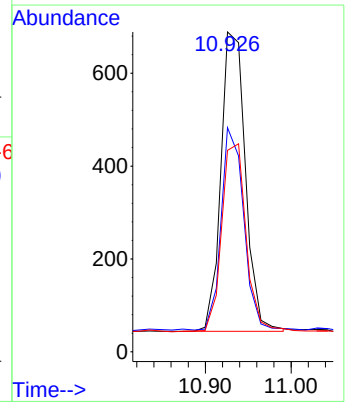




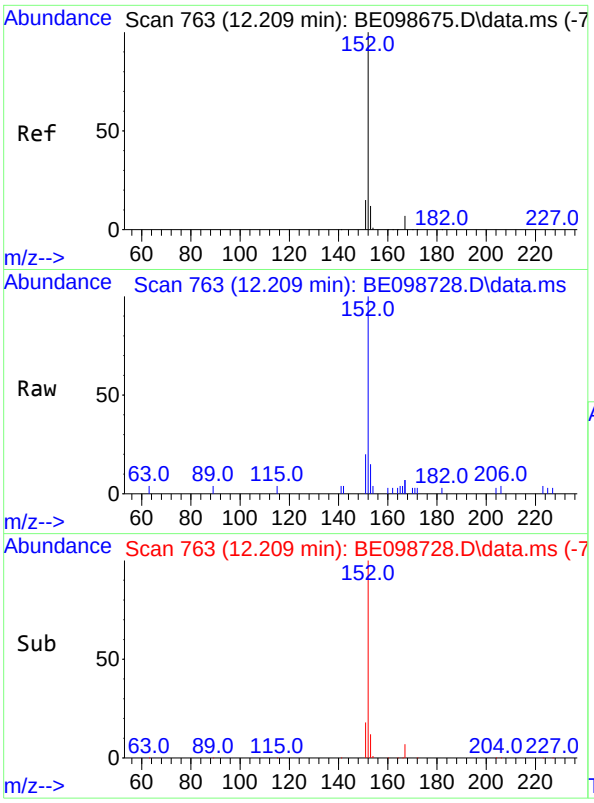
#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.926 min Scan# 674
Delta R.T. -0.013 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:225 Resp: 1282

Ion	Ratio	Lower	Upper
225	100		
223	62.1	47.8	71.8
227	62.7	50.5	75.7



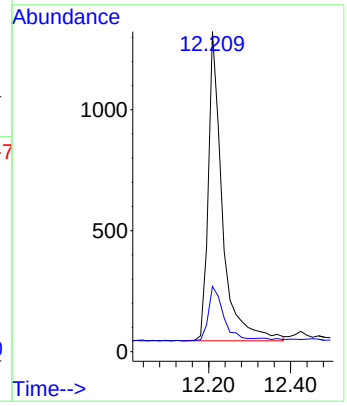
Instrument :
BNA_E
ClientSampleId :
PB117079BS

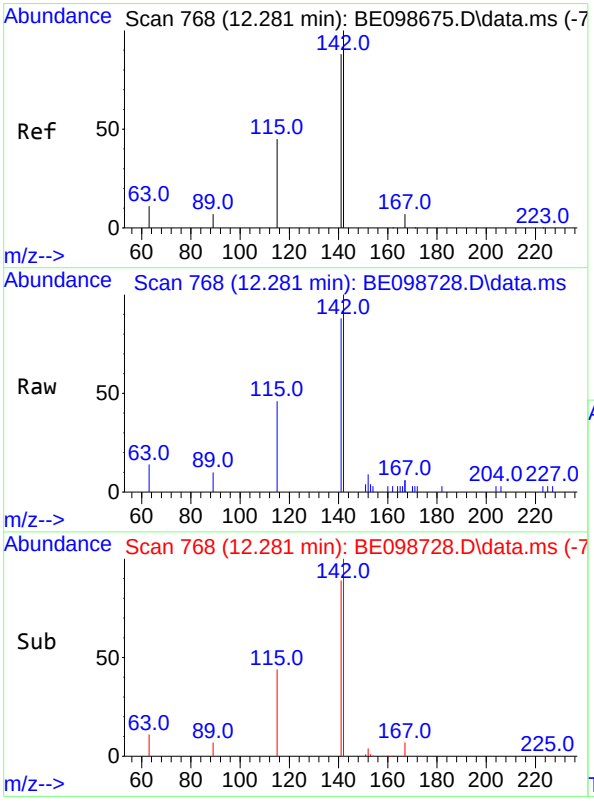


#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.209 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:152 Resp: 3056

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

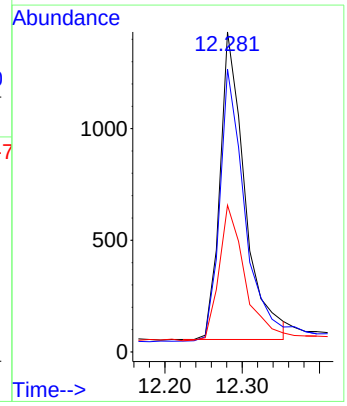




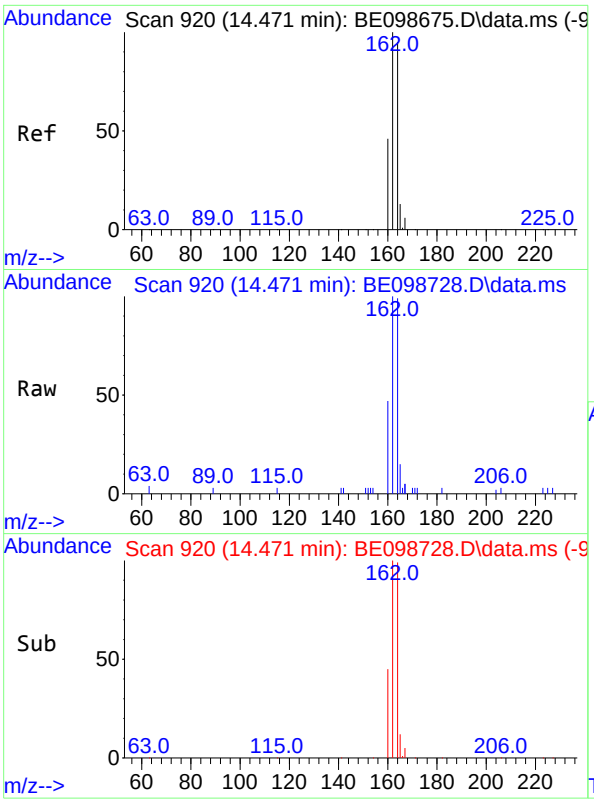
#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.281 min Scan# 768
Delta R.T. -0.000 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:142 Resp: 3092

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.0	105.0
115	45.8	35.2	52.8



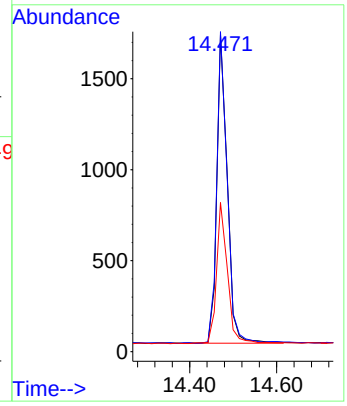
Instrument :
BNA_E
ClientSampleId :
PB117079BS

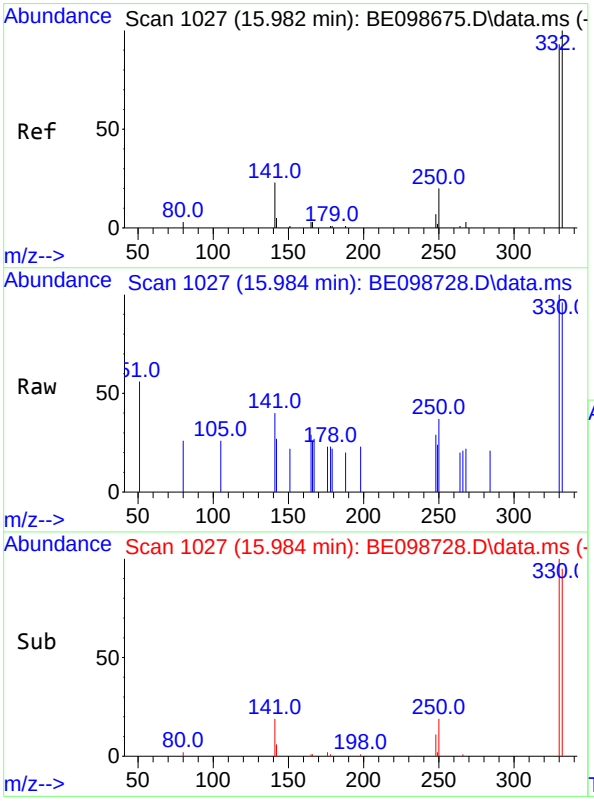


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.000 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:164 Resp: 2828

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.5	120.7
160	47.1	40.1	60.1

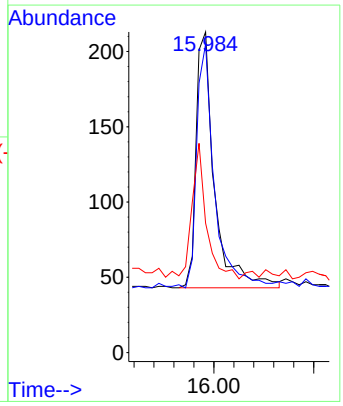




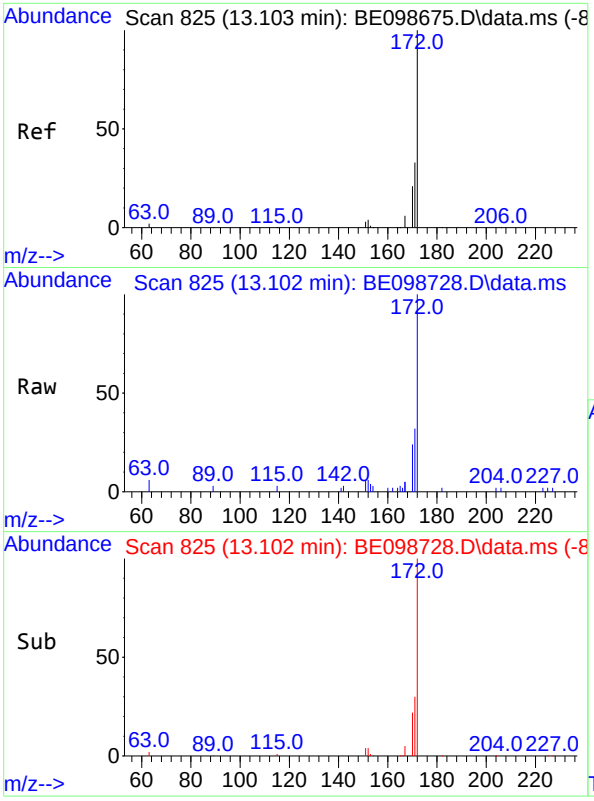
#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.984 min Scan# 1027
Delta R.T. 0.002 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:330 Resp: 436

Ion	Ratio	Lower	Upper
330	100		
332	89.7	73.3	109.9
141	40.6	33.1	49.7



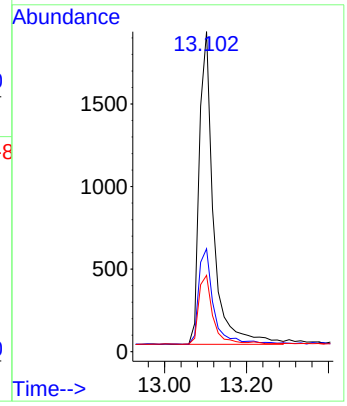
Instrument :
BNA_E
ClientSampleId :
PB117079BS

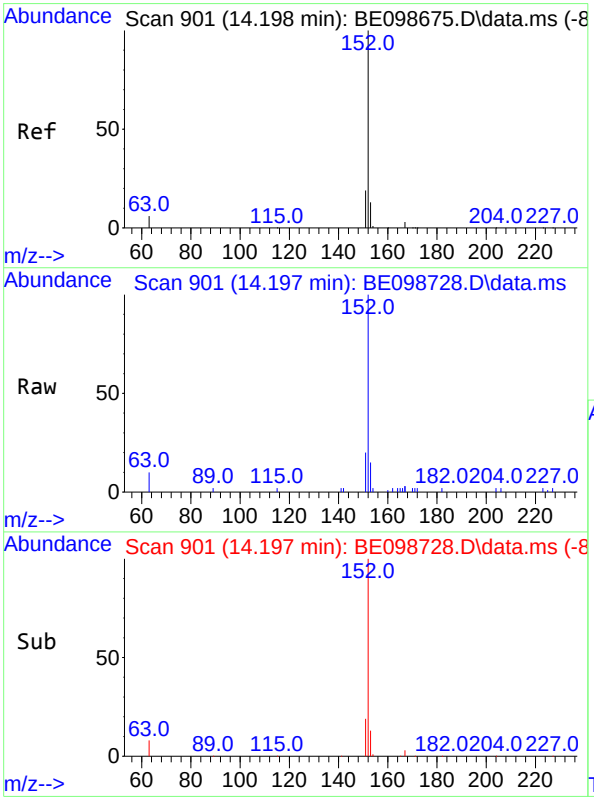


#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.102 min Scan# 825
Delta R.T. -0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:172 Resp: 4548

Ion	Ratio	Lower	Upper
172	100		
171	32.1	29.0	43.4
170	23.8	20.8	31.2

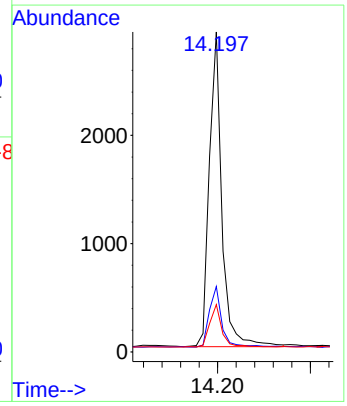




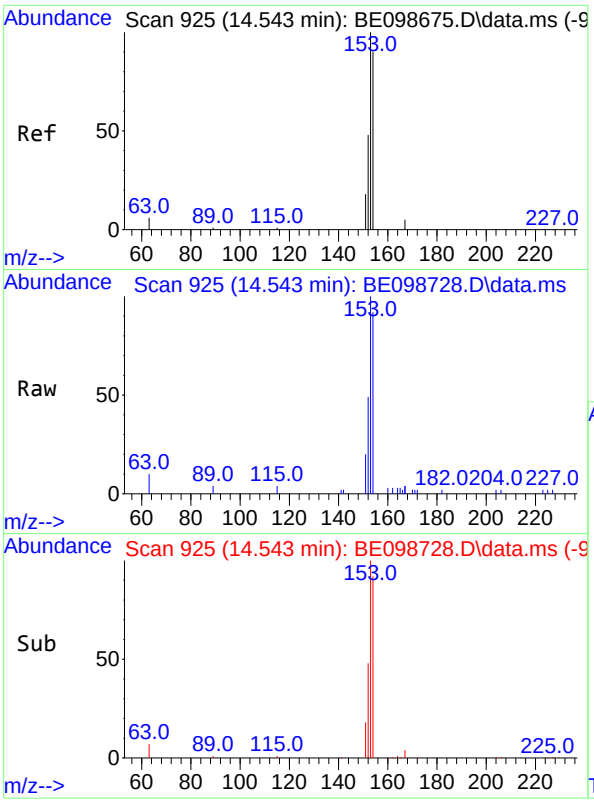
#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.197 min Scan# 901
Delta R.T. -0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:152 Resp: 5437

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	13.0	10.7	16.1



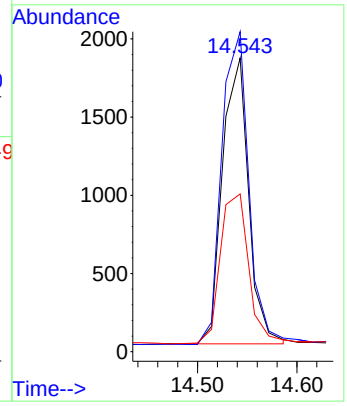
Instrument :
BNA_E
ClientSampleId :
PB117079BS

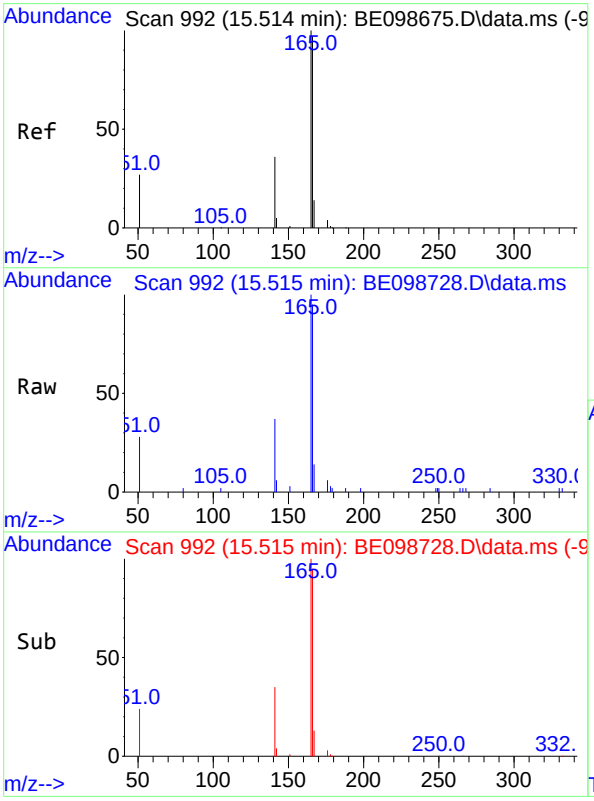


#17
Acenaphthene
Concen: 0.39 ng
RT: 14.543 min Scan# 925
Delta R.T. -0.000 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:154 Resp: 3328

Ion	Ratio	Lower	Upper
154	100		
153	113.1	93.9	140.9
152	57.4	45.8	68.8

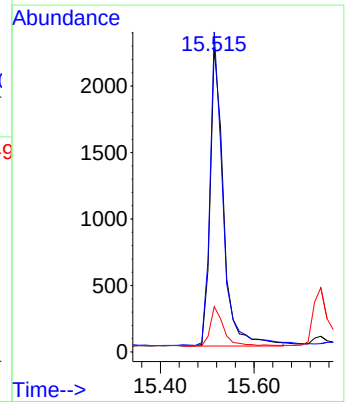




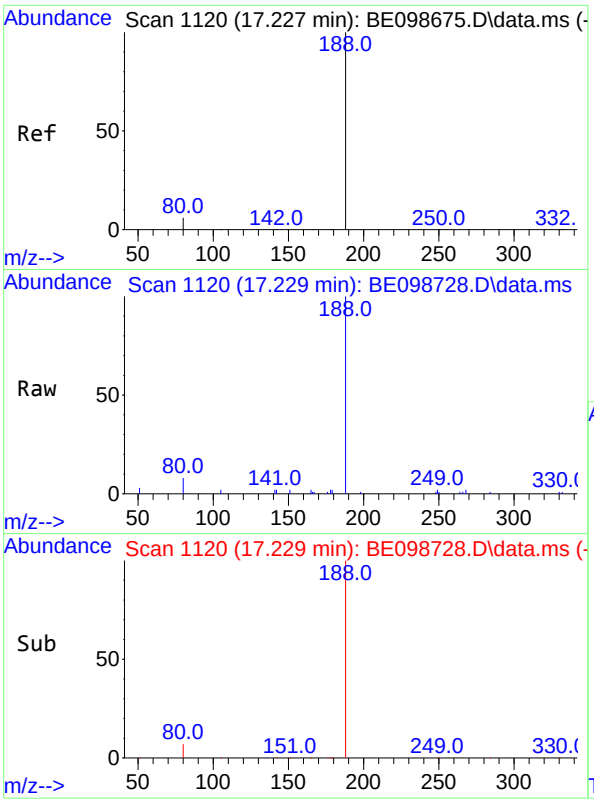
#18
Fluorene
Concen: 0.38 ng
RT: 15.515 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:166 Resp: 4482

Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.3	118.9
167	13.3	10.6	15.8



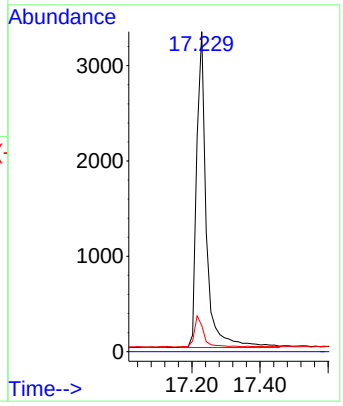
Instrument :
BNA_E
ClientSampleId :
PB117079BS

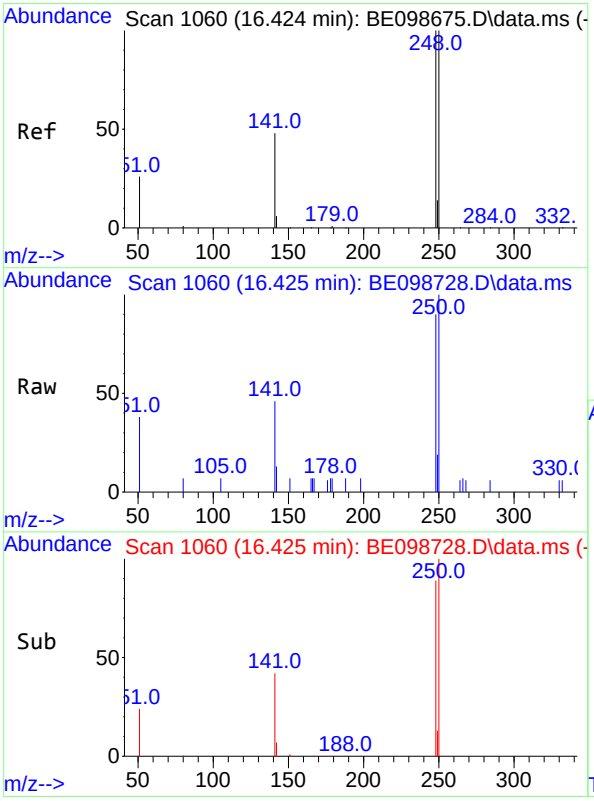


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.229 min Scan# 1120
Delta R.T. 0.002 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:188 Resp: 6559

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	4.7	7.1#

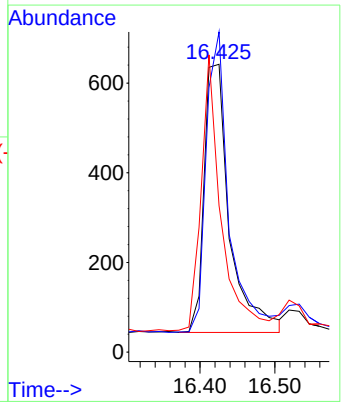




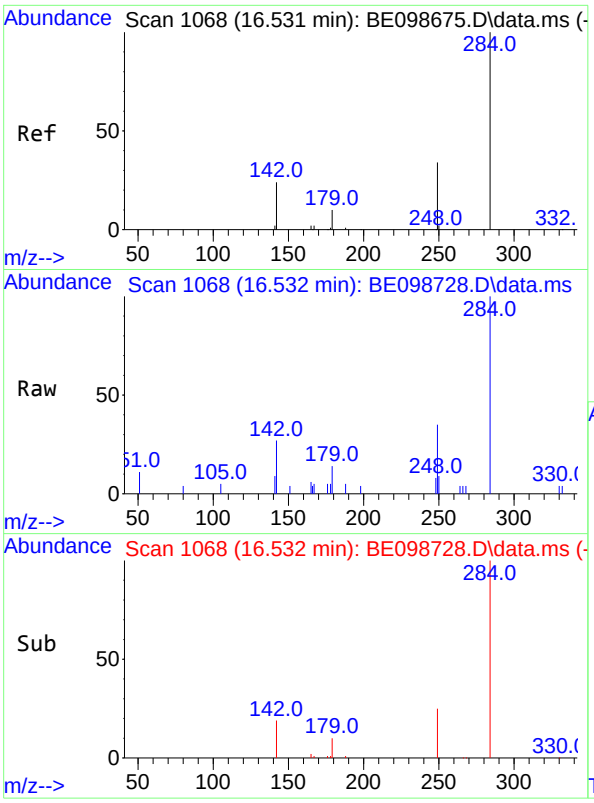
#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.425 min Scan# 1060
Delta R.T. 0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:248 Resp: 1417

Ion	Ratio	Lower	Upper
248	100		
250	111.2	80.2	120.4
141	50.9	60.5	90.7#



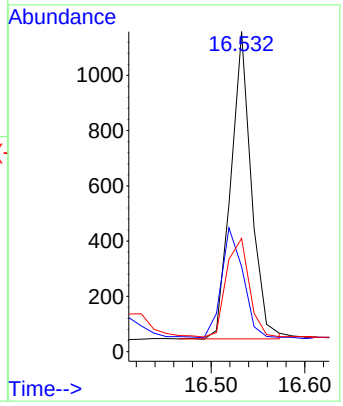
Instrument :
BNA_E
ClientSampleId :
PB117079BS

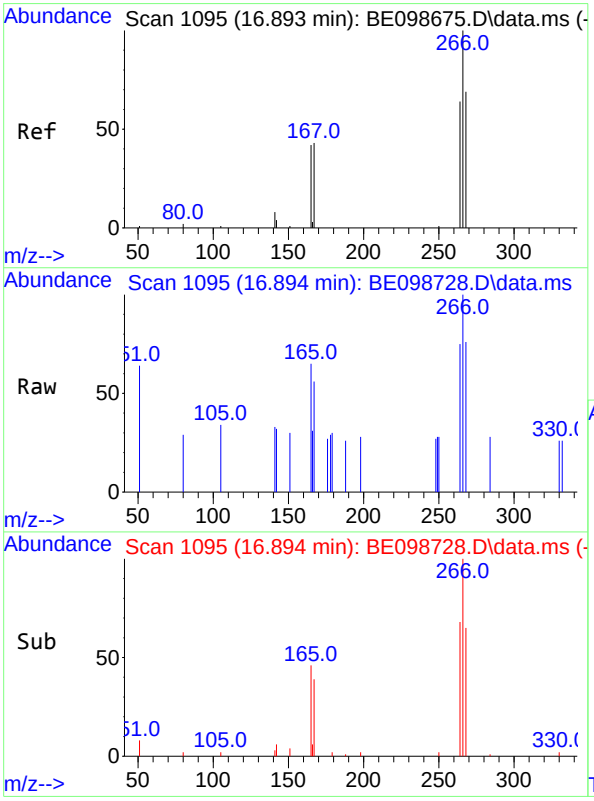


#21
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.532 min Scan# 1068
Delta R.T. 0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:284 Resp: 1690

Ion	Ratio	Lower	Upper
284	100		
142	36.9	25.5	38.3
249	35.6	26.6	39.8

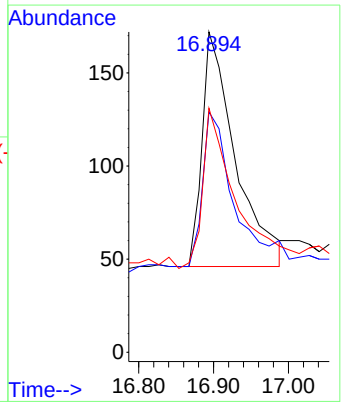




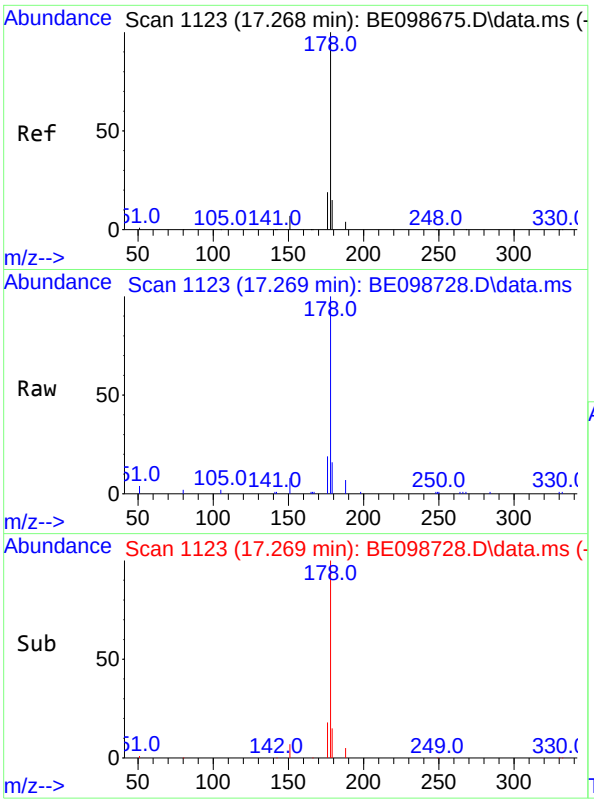
#22
Pentachlorophenol
Concen: 0.33 ng
RT: 16.894 min Scan# 1095
Delta R.T. 0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:266 Resp: 389

Ion	Ratio	Lower	Upper
266	100		
264	75.0	53.7	80.5
268	76.2	59.8	89.8



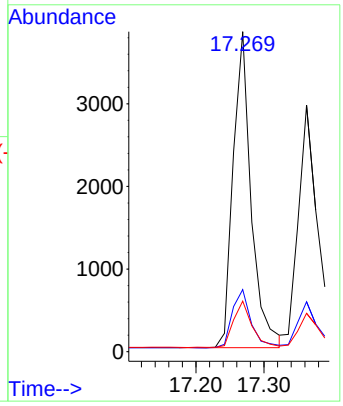
Instrument :
BNA_E
ClientSampleId :
PB117079BS

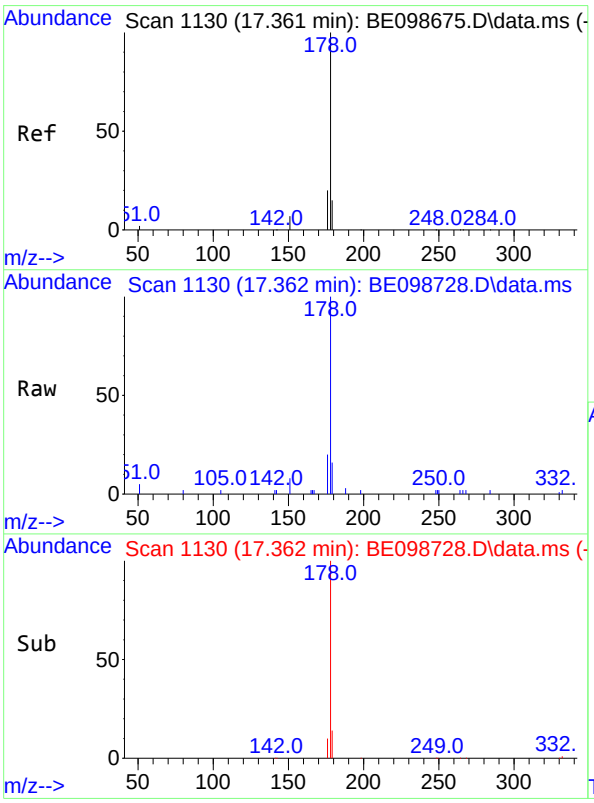


#23
Phenanthrene
Concen: 0.39 ng
RT: 17.269 min Scan# 1123
Delta R.T. 0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:178 Resp: 7049

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.3	12.2	18.4

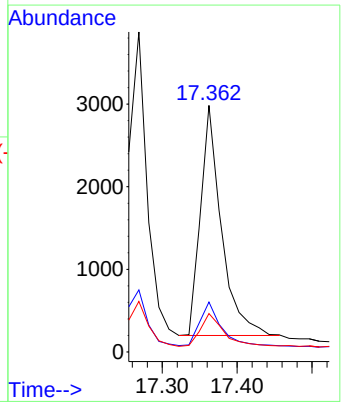




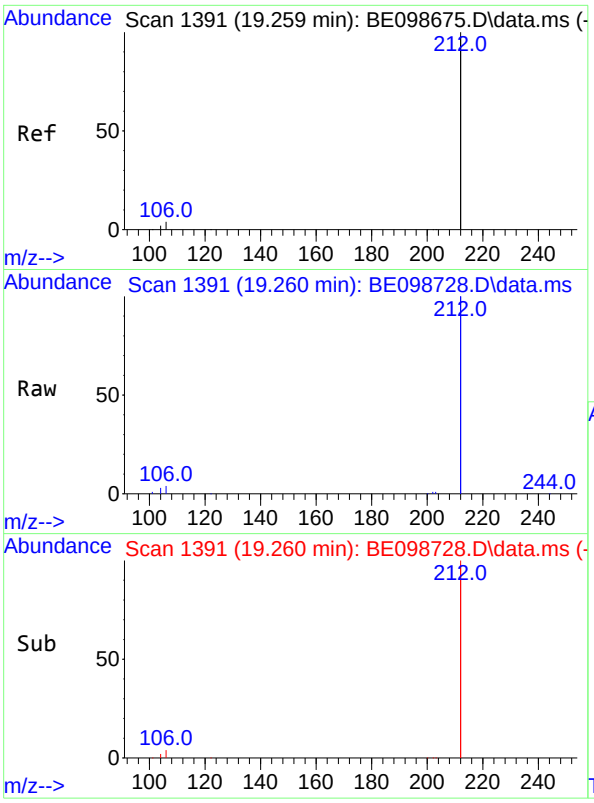
#24
Anthracene
Concen: 0.37 ng
RT: 17.362 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:178 Resp: 5403

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	15.8	11.8	17.8



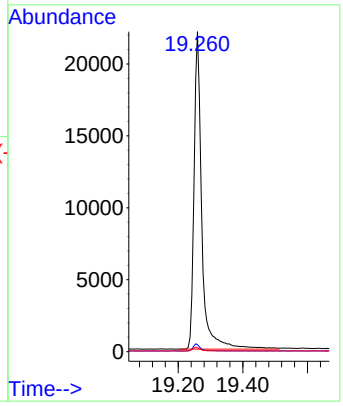
Instrument :
BNA_E
ClientSampleId :
PB117079BS

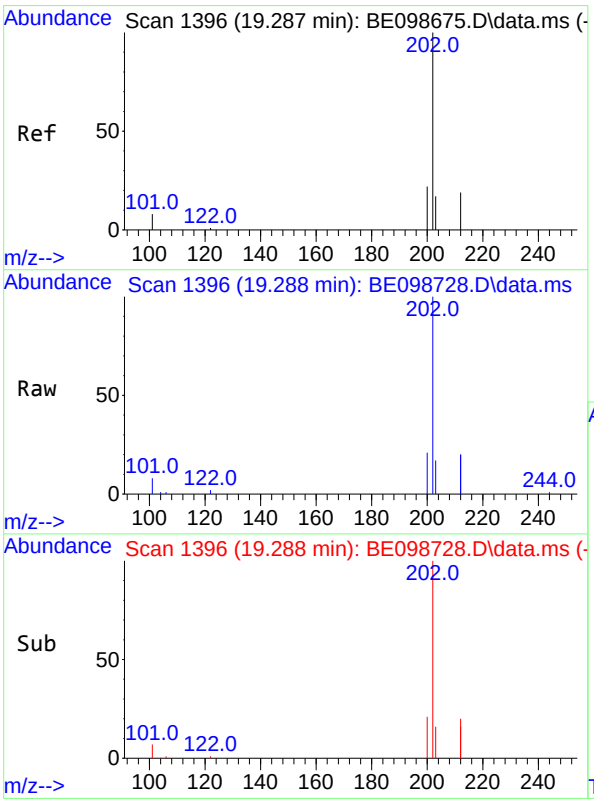


#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.260 min Scan# 1391
Delta R.T. 0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:212 Resp: 36666

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.7	2.5
104	1.1	1.0	1.6

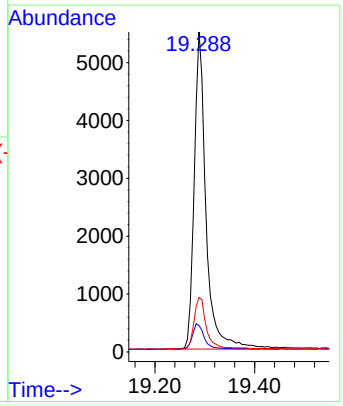




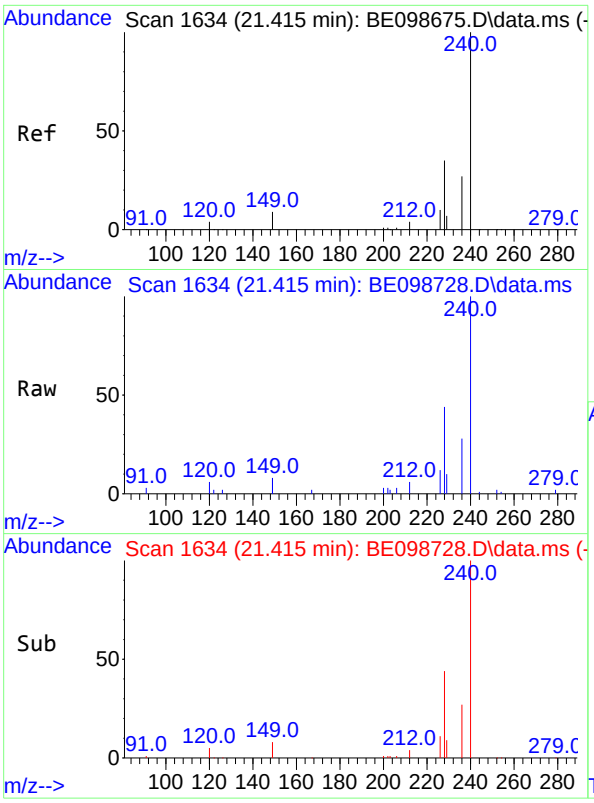
#26
Fluoranthene
Concen: 0.39 ng
RT: 19.288 min Scan# 1396
Delta R.T. 0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:202 Resp: 9038

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.7	10.1
203	16.7	13.3	19.9



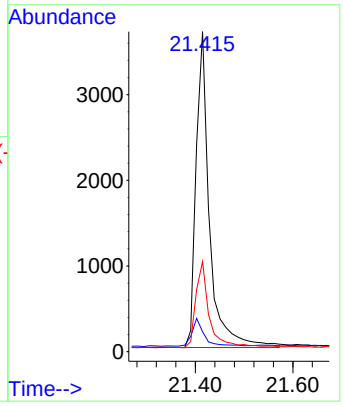
Instrument :
BNA_E
ClientSampleId :
PB117079BS

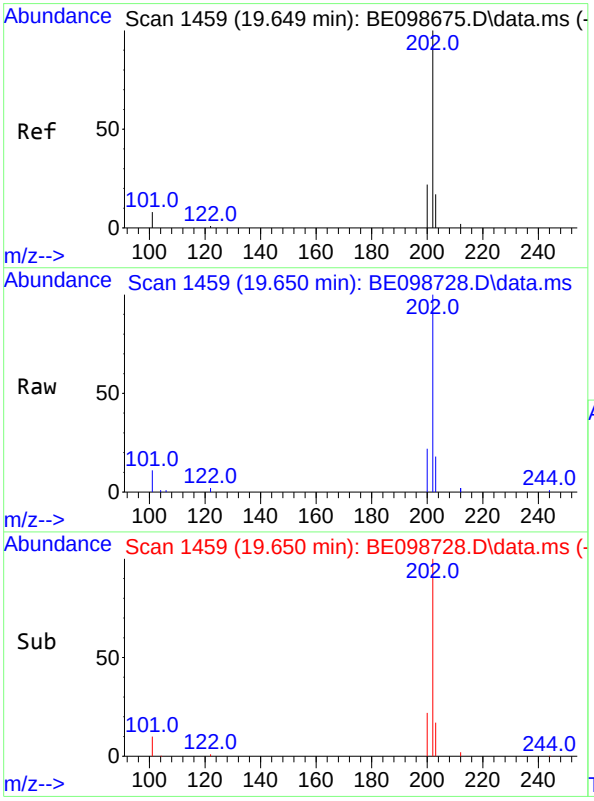


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:240 Resp: 7049

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.7	7.1
236	28.2	21.9	32.9

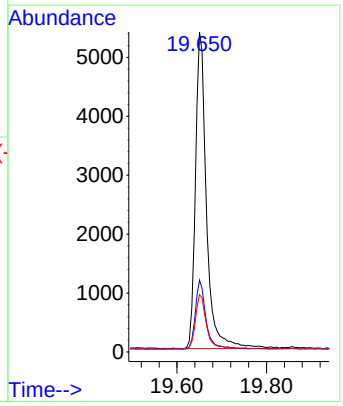




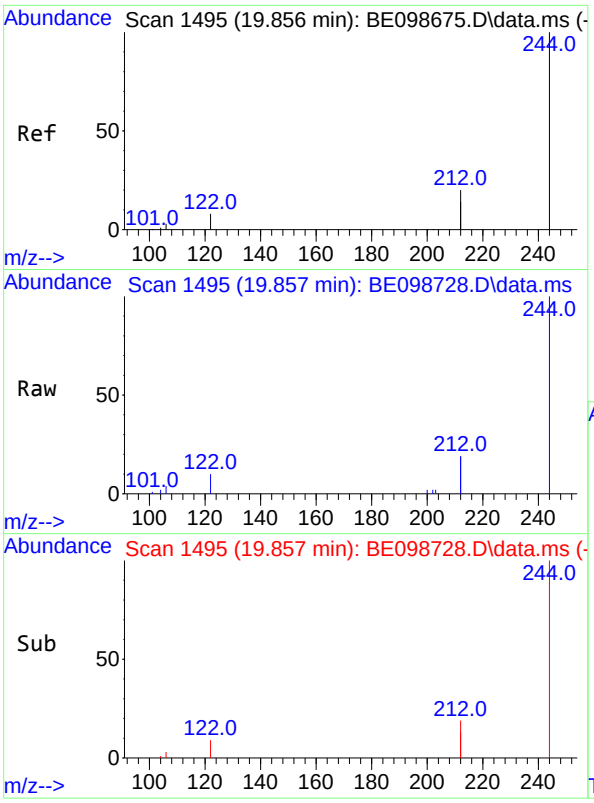
#28
Pyrene
Concen: 0.41 ng
RT: 19.650 min Scan# 1459
Delta R.T. 0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:202 Resp: 9233

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	16.9	13.8	20.8



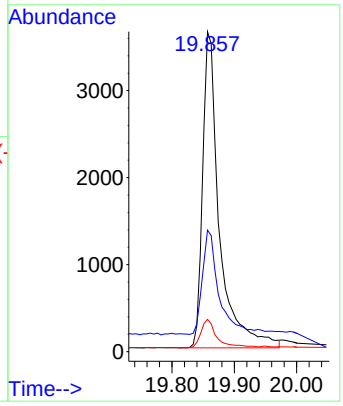
Instrument :
BNA_E
ClientSampleId :
PB117079BS

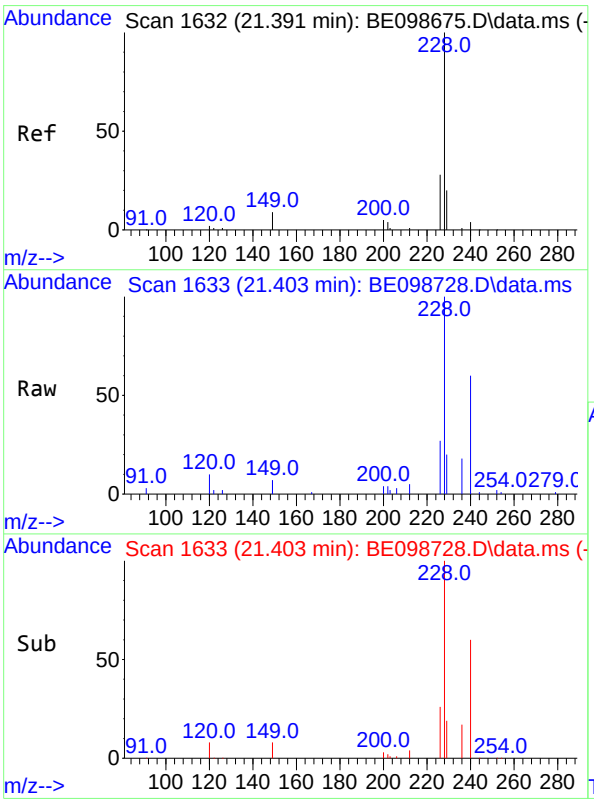


#29
Terphenyl-d14
Concen: 0.39 ng
RT: 19.857 min Scan# 1495
Delta R.T. 0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:244 Resp: 6792

Ion	Ratio	Lower	Upper
244	100		
212	38.0	29.4	44.2
122	10.1	7.1	10.7

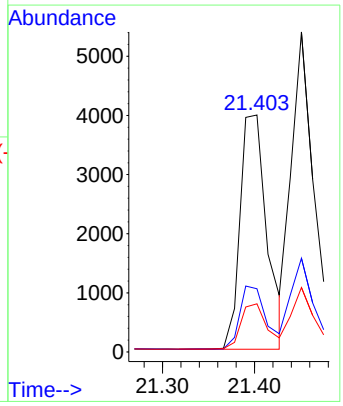




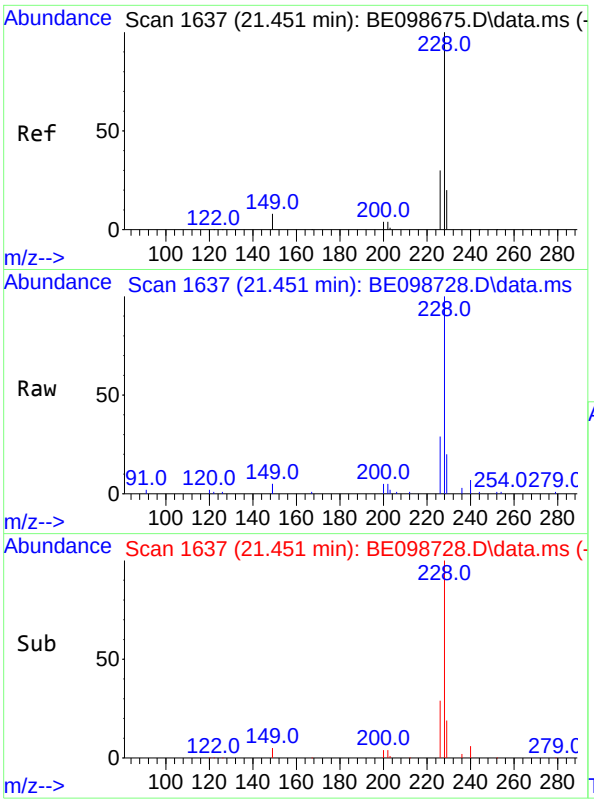
#30
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.403 min Scan# 1633
Delta R.T. 0.012 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:228 Resp: 8068

Ion	Ratio	Lower	Upper
228	100		
226	26.7	23.0	34.4
229	20.3	15.0	22.6



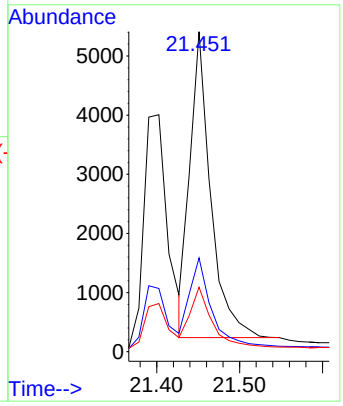
Instrument :
BNA_E
ClientSampleId :
PB117079BS

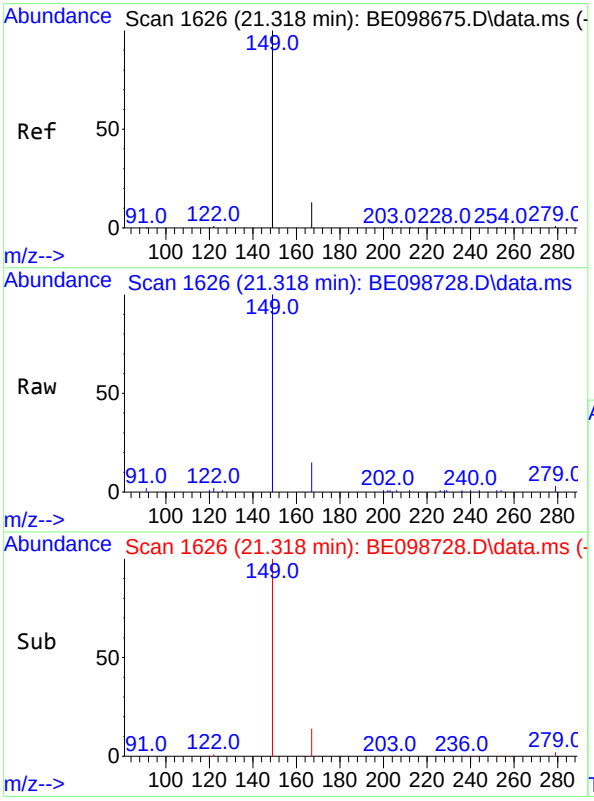


#31
Chrysene
Concen: 0.39 ng
RT: 21.451 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:228 Resp: 9007

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.6	36.8
229	20.2	16.4	24.6

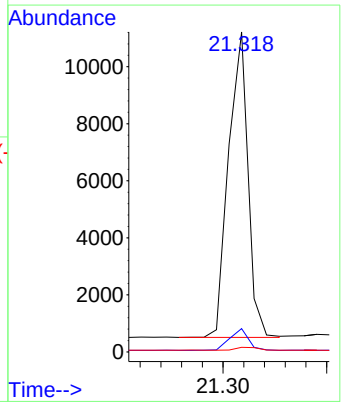




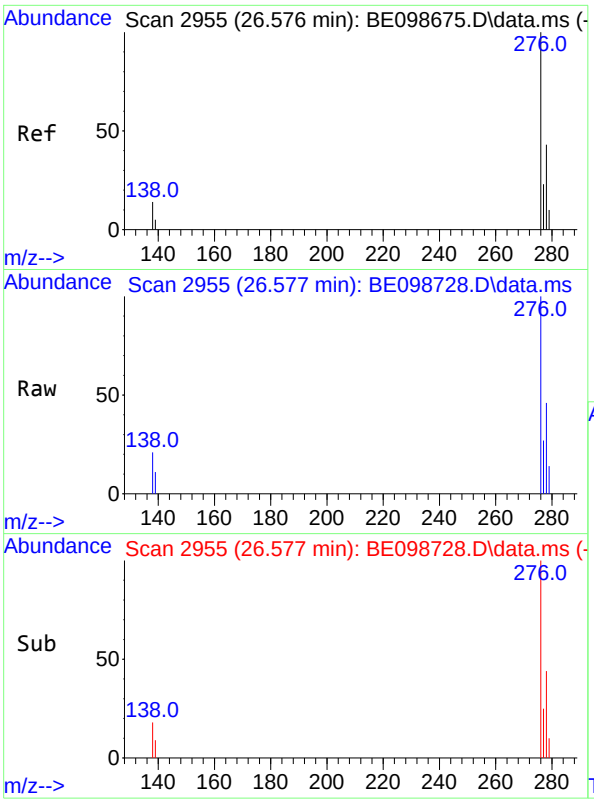
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.318 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:149 Resp: 13991

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.2
279	1.2	1.0	1.4



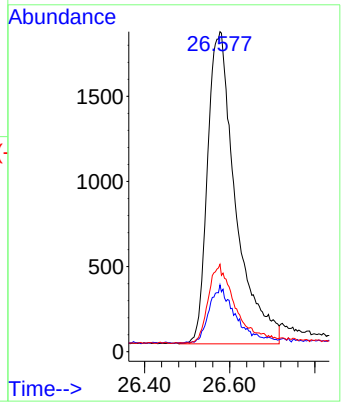
Instrument :
BNA_E
ClientSampleId :
PB117079BS

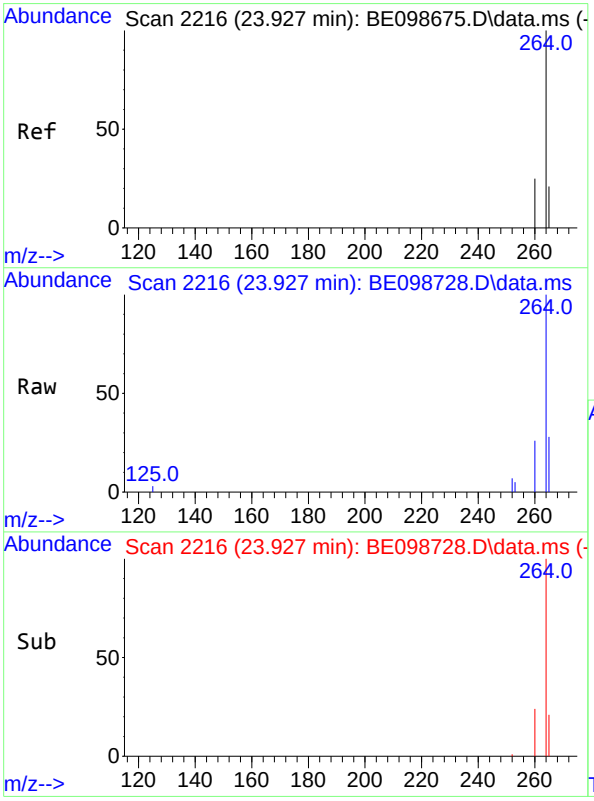


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 26.577 min Scan# 2955
Delta R.T. 0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:276 Resp: 8400

Ion	Ratio	Lower	Upper
276	100		
138	15.8	13.3	19.9
277	24.7	19.4	29.0

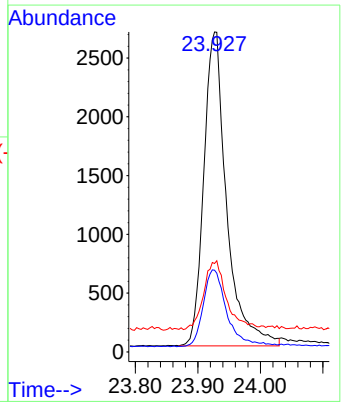




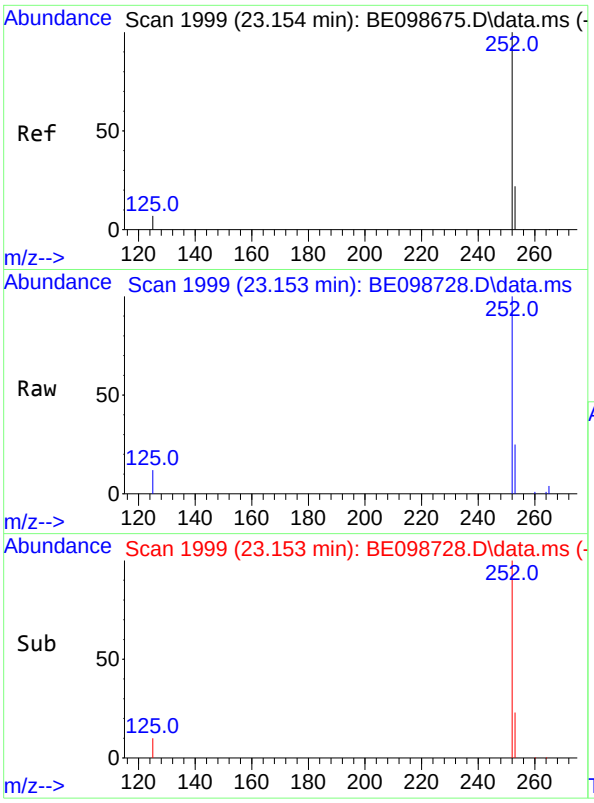
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.927 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:264 Resp: 6781

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	27.7	22.3	33.5



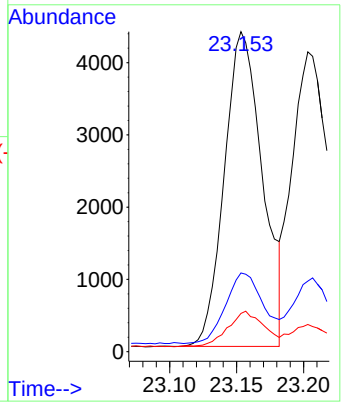
Instrument :
BNA_E
ClientSampleId :
PB117079BS

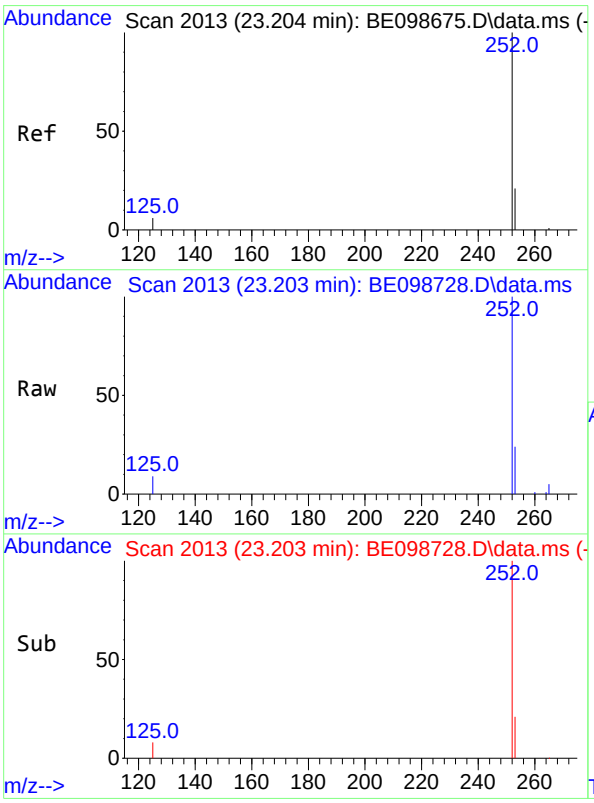


#35
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.153 min Scan# 1999
Delta R.T. -0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:252 Resp: 8638

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.4	29.0
125	11.9	8.2	12.4

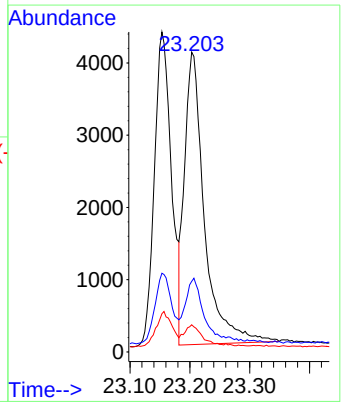




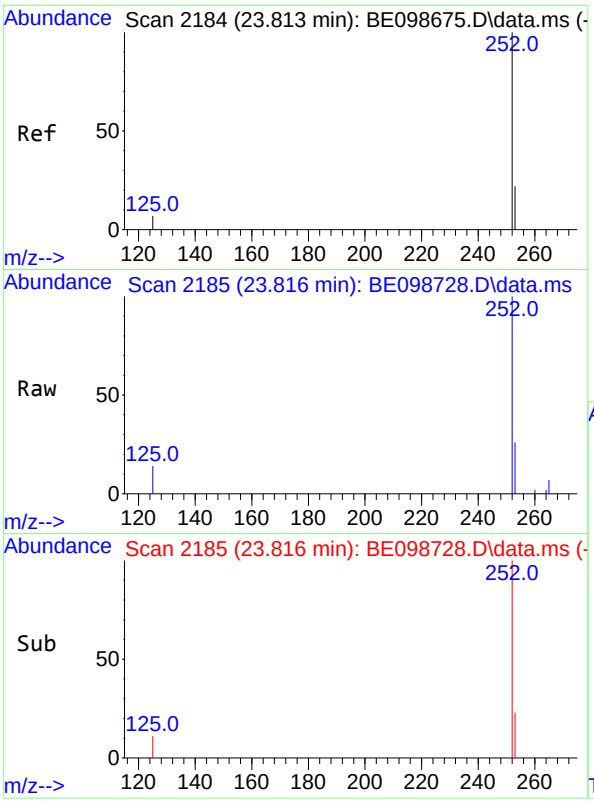
#36
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.203 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:252 Resp: 9350

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.4
125	9.1	7.0	10.4



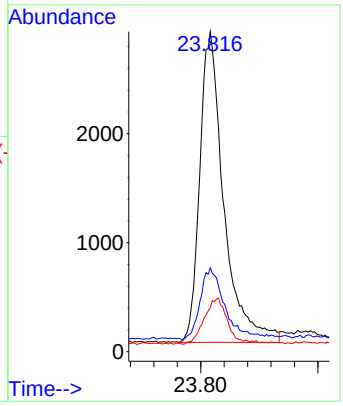
Instrument :
BNA_E
ClientSampleId :
PB117079BS

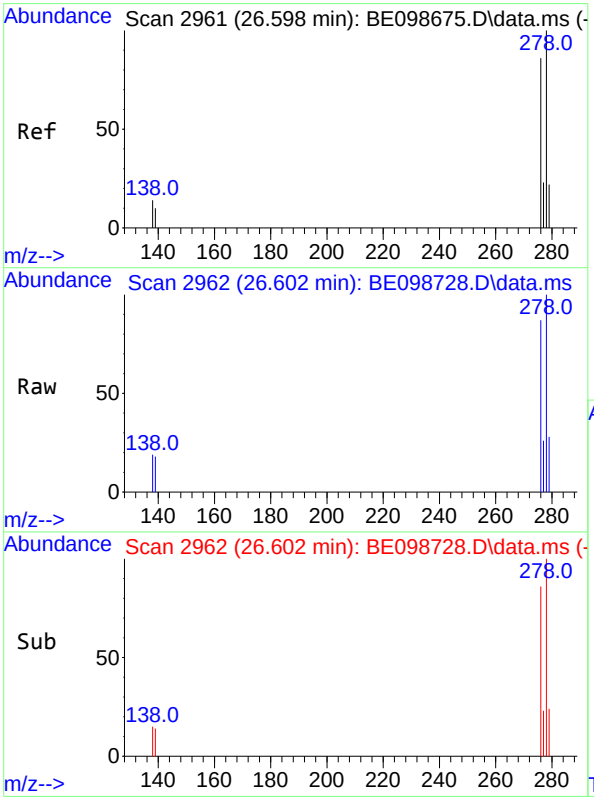


#37
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.816 min Scan# 2185
Delta R.T. 0.003 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:252 Resp: 8136

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.0	31.4
125	13.8	9.2	13.8

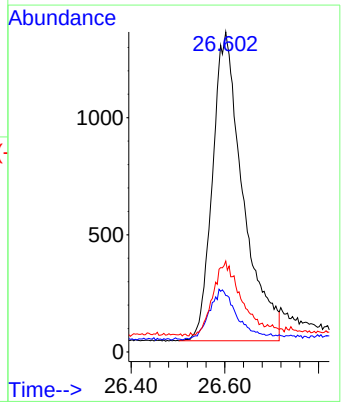


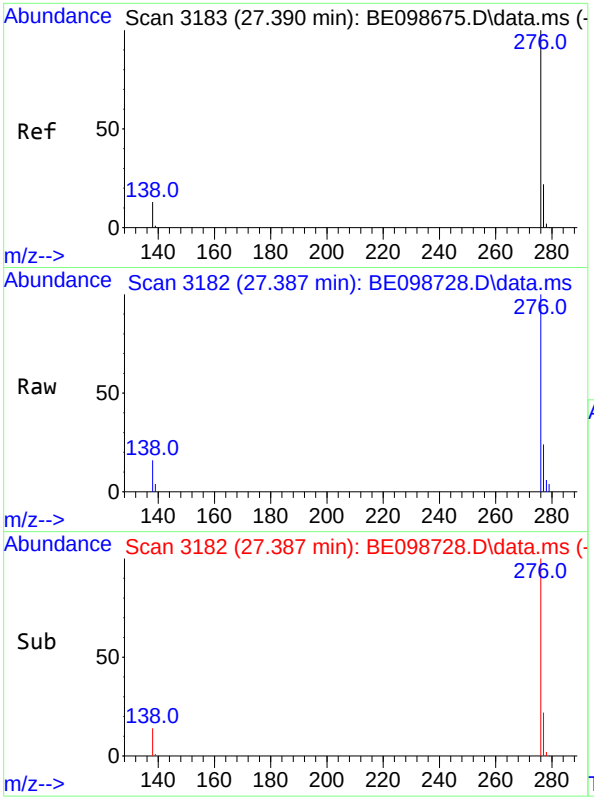


#38
Dibenzo(a,h)anthracene
Concen: 0.31 ng
RT: 26.602 min Scan# 2962
Delta R.T. 0.004 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:278 Resp: 5927

Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.7	19.1
279	28.4	22.0	33.0

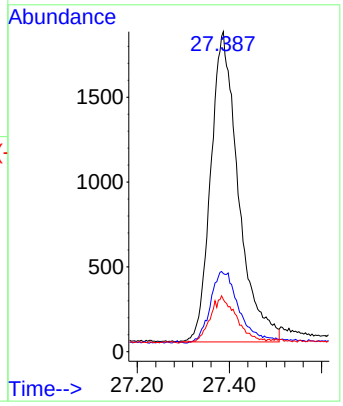




#39
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 27.387 min Scan# 3182
Delta R.T. -0.003 min
Lab File: BE098728.D
Acq: 13 Feb 2019 15:32

Tgt Ion:276 Resp: 7619

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.3	30.5
138	16.3	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
PB117079BS