Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE012419\
Data File : BE098681.D
Acq On : 24 Jan 2019 16:08
Operator : SJ/JU
Sample : PB116583BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB116583BS

Quant Time: Jan 24 16:44:26 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	7.815	152	1008	0.40	ng		0.00
7) Naphthalene-d8	10.602	136	4059	0.40	ng		# 0.00
13) Acenaphthene-d10	14.486	164	2248	0.40	ng		0.01
19) Phenanthrene-d10	17.228	188	4810	0.40	ng		# 0.00
27) Chrysene-d12	21.415	240	6273	0.40	ng		0.00
34) Perylene-d12	23.927	264	6518	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.408	112	589	0.20	ng		0.00
5) Phenol-d6	7.009	99	831	0.19	ng		0.00
8) Nitrobenzene-d5	8.978	82	843	0.25	ng		0.00
11) 2-Methylnaphthalene-d10	12.209	152	1715	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.983	330	165	0.17	ng		0.00
15) 2-Fluorobiphenyl	13.103	172	2227	0.23	ng		0.00
25) Fluoranthene-d10	19.265	212	14036	0.20	ng		0.00
29) Terphenyl-d14	19.862	244	2757	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.324	88	683	0.35	ng	#	70
3) n-Nitrosodimethylamine	3.658	42	595	0.27	ng	#	87
6) bis(2-Chloroethyl)ether	7.251	93	487	0.16	ng	#	88
9) Naphthalene	10.654	128	9471	0.20	ng		99
10) Hexachlorobutadiene	10.940	225	678	0.22	ng		96
12) 2-Methylnaphthalene	12.296	142	1431	0.19	ng		98
16) Acenaphthylene	14.198	152	2076	0.18	ng		99
17) Acenaphthene	14.543	154	1325	0.19	ng		98
18) Fluorene	15.528	166	1709	0.18	ng		99
20) 4-Bromophenyl-phenylether	16.425	248	552	0.19	ng		97
21) Hexachlorobenzene	16.532	284	652	0.20	ng		96
22) Pentachlorophenol	16.906	266	67	0.08	ng	#	71
23) Phenanthrene	17.268	178	2707	0.20	ng		98
24) Anthracene	17.362	178	2084	0.23	ng		99
26) Fluoranthene	19.293	202	3322	0.19	ng		98
28) Pyrene	19.655	202	3375	0.17	ng		98
30) Benzo(a)anthracene	21.402	228	3687	0.19	ng		96
31) Chrysene	21.451	228	4118	0.20	ng		98
32) Bis(2-ethylhexyl)phtha...	21.318	149	5104	0.15	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.580	276	4933	0.23	ng		100
35) Benzo(b)fluoranthene	23.158	252	4165	0.20	ng		96
36) Benzo(k)fluoranthene	23.211	252	4260	0.19	ng		94
37) Benzo(a)pyrene	23.817	252	4230	0.21	ng		96
38) Dibenzo(a,h)anthracene	26.602	278	3883	0.21	ng	#	95
39) Benzo(g,h,i)perylene	27.390	276	4338	0.21	ng		99

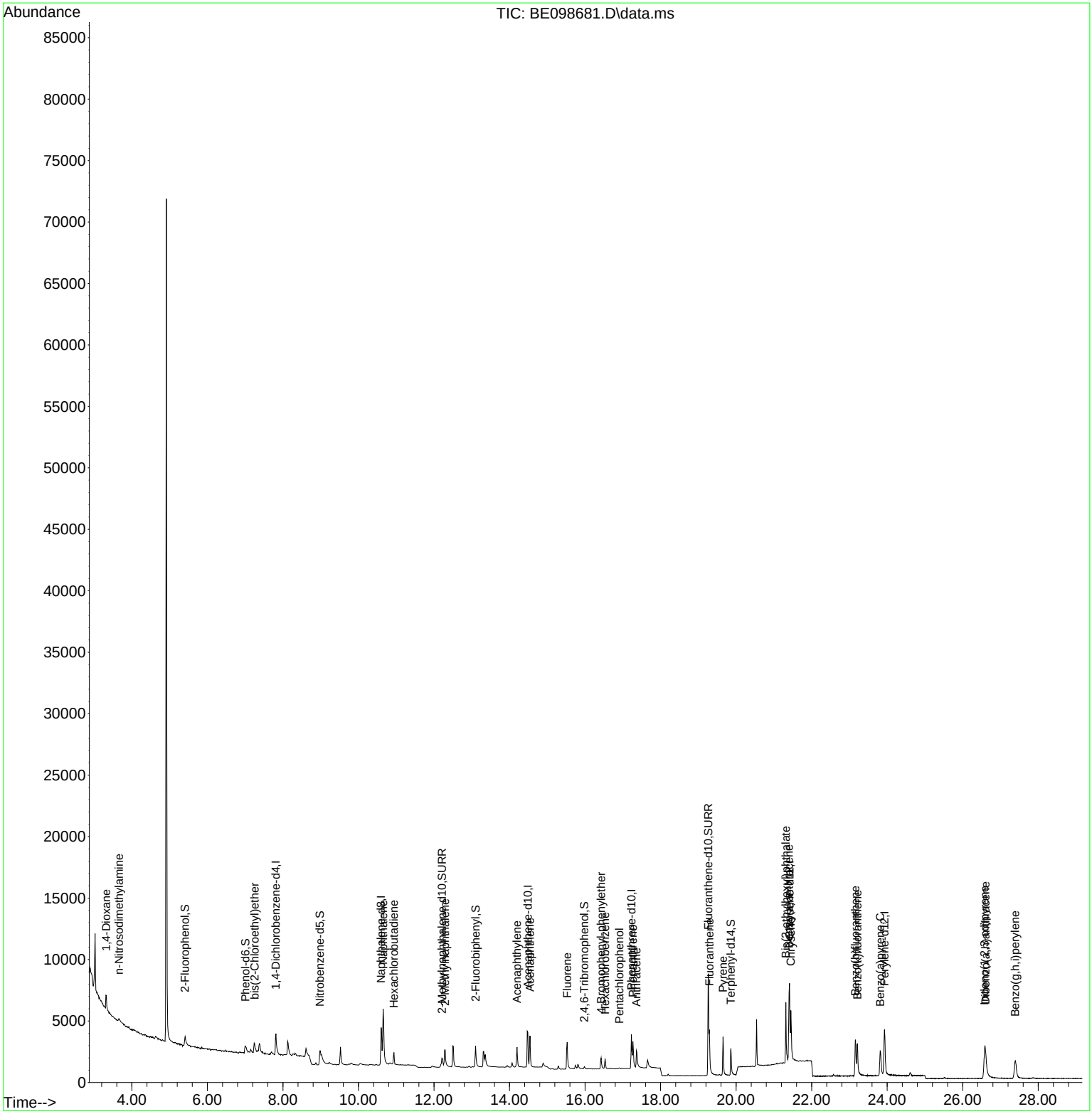
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

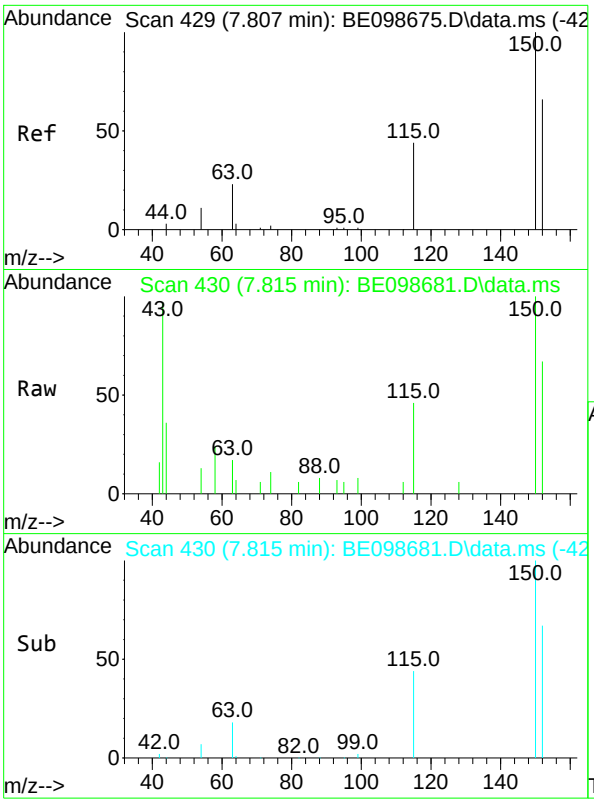
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE012419\
Data File : BE098681.D
Acq On : 24 Jan 2019 16:08
Operator : SJ/JU
Sample : PB116583BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB116583BS

Quant Time: Jan 24 16:44:26 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



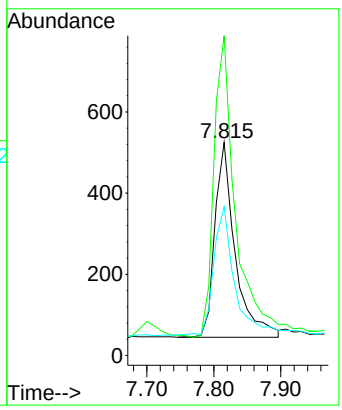
Instrument :
BNA_E
ClientSampleId :
PB116583BS

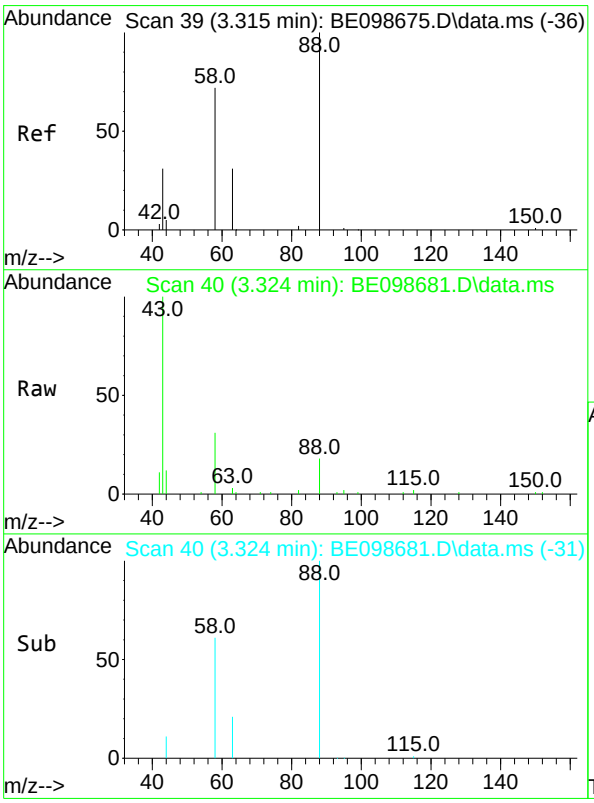


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.815 min Scan# 430
Delta R.T. 0.008 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:152 Resp: 1008

Ion	Ratio	Lower	Upper
152	100		
150	150.1	121.4	182.2
115	69.7	59.1	88.7

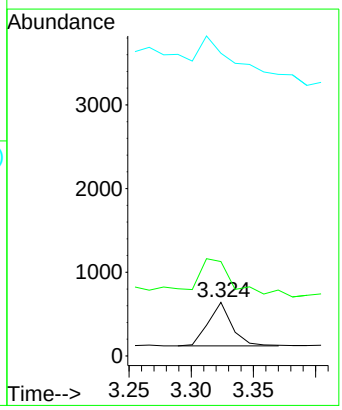




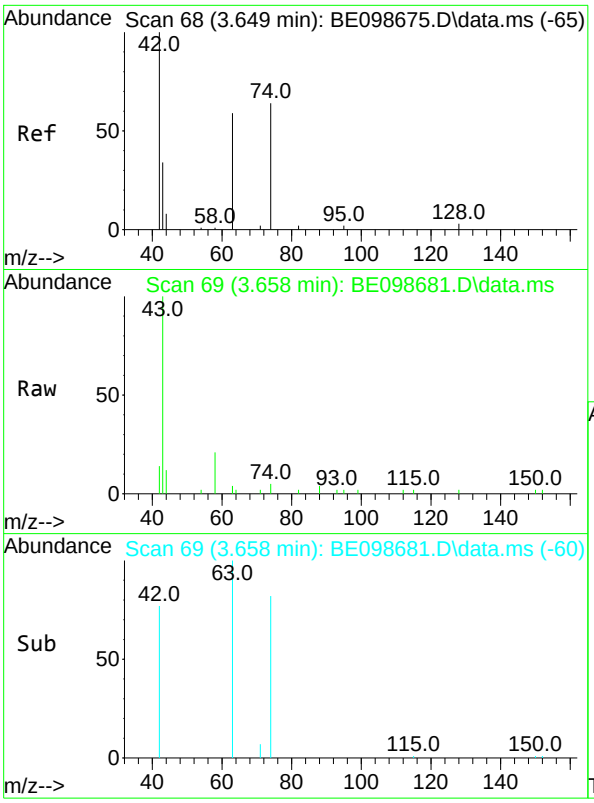
#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.324 min Scan# 40
Delta R.T. 0.009 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion: 88 Resp: 683

Ion	Ratio	Lower	Upper
88	100		
58	102.2	73.9	110.9
43	100.0	43.7	65.5#



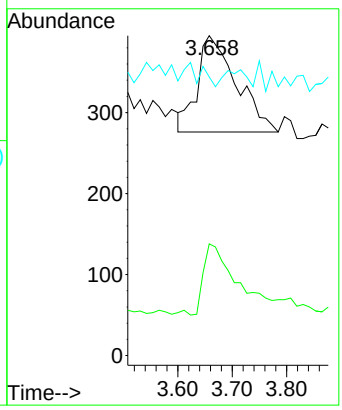
Instrument :
BNA_E
ClientSampleId :
PB116583BS

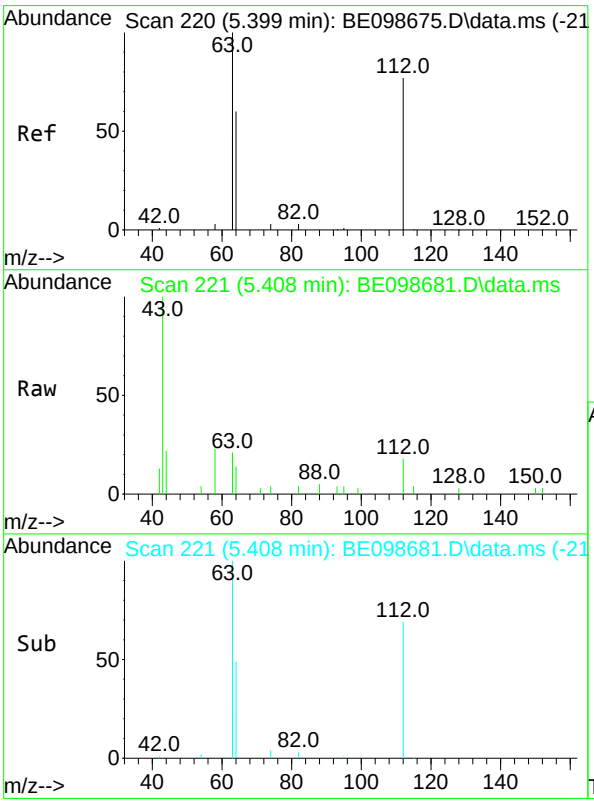


#3
n-Nitrosodimethylamine
Concen: 0.27 ng
RT: 3.658 min Scan# 69
Delta R.T. 0.009 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion: 42 Resp: 595

Ion	Ratio	Lower	Upper
42	100		
74	62.9	58.9	88.3
44	0.0	0.0	0.0

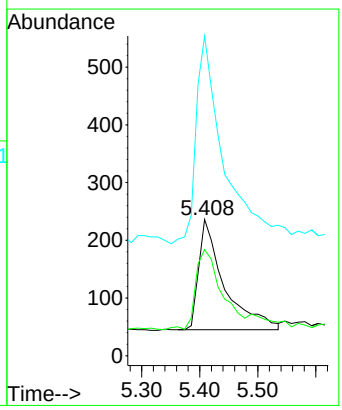




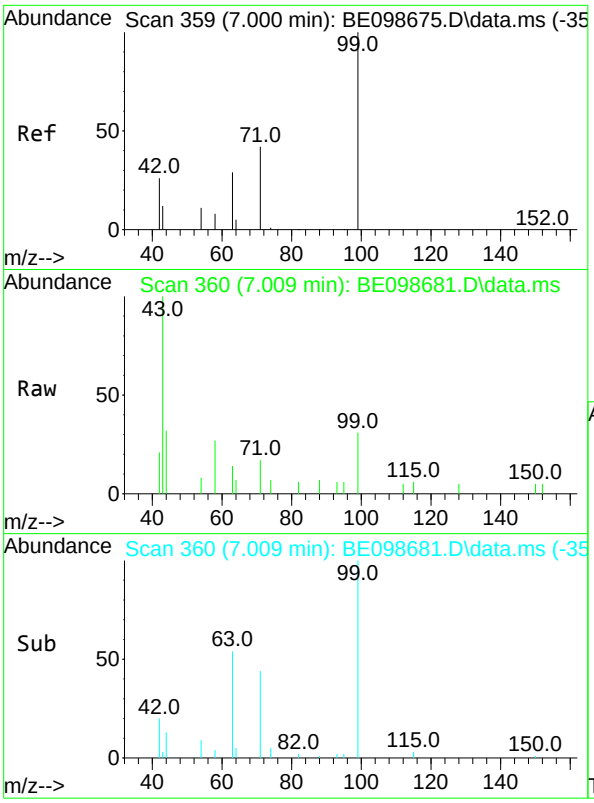
#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.408 min Scan# 221
Delta R.T. 0.009 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:112 Resp: 589

Ion	Ratio	Lower	Upper
112	100		
64	90.0	62.9	94.3
63	222.4	152.2	228.4



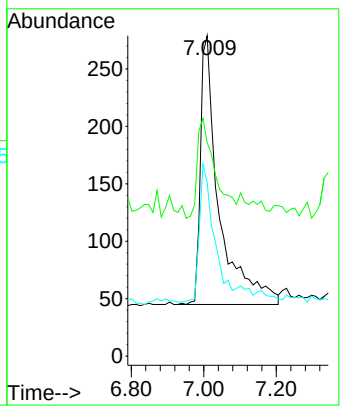
Instrument :
BNA_E
ClientSampleId :
PB116583BS

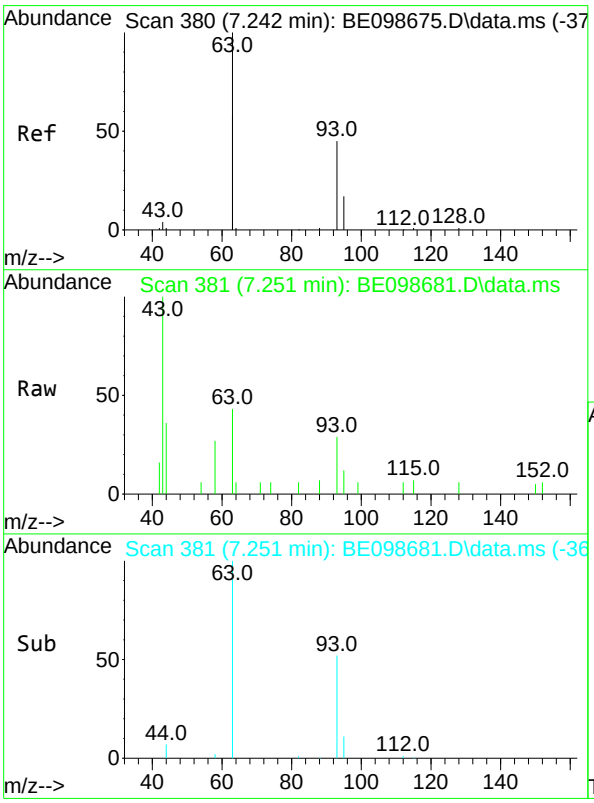


#5
Phenol-d6
Concen: 0.19 ng
RT: 7.009 min Scan# 360
Delta R.T. 0.009 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion: 99 Resp: 831

Ion	Ratio	Lower	Upper
99	100		
42	36.0	24.6	37.0
71	41.3	35.1	52.7

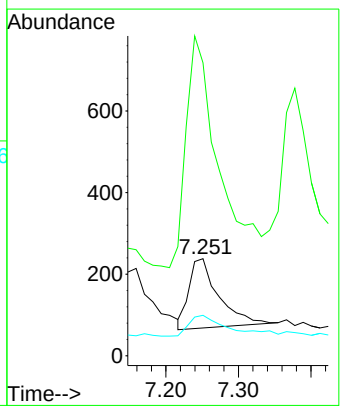




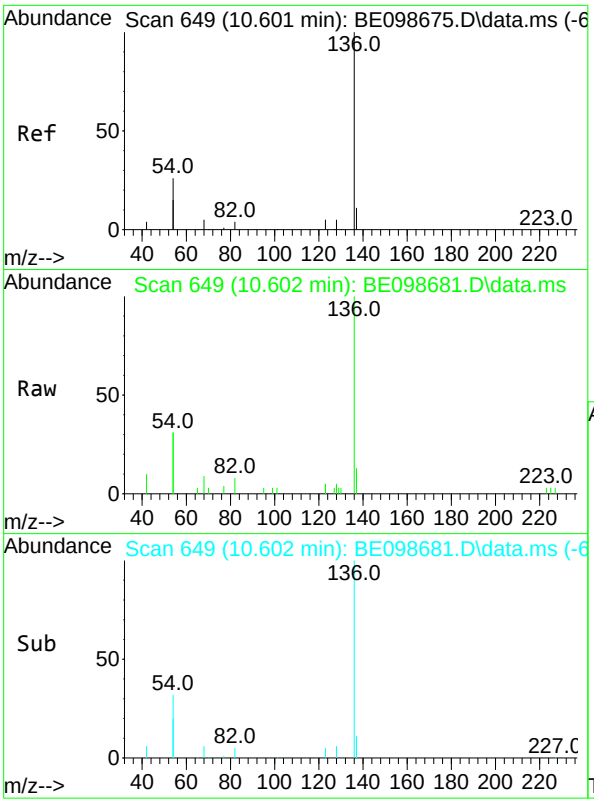
#6
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 7.251 min Scan# 381
Delta R.T. 0.009 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion: 93 Resp: 487

Ion	Ratio	Lower	Upper
93	100		
63	360.0	267.3	400.9
95	39.4	26.2	39.4#



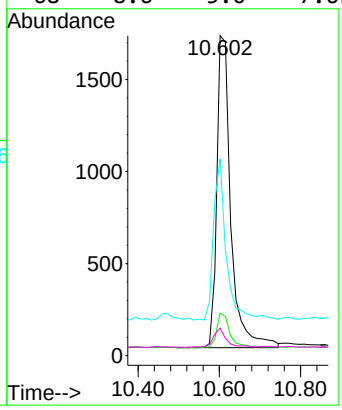
Instrument :
BNA_E
ClientSampleId :
PB116583BS

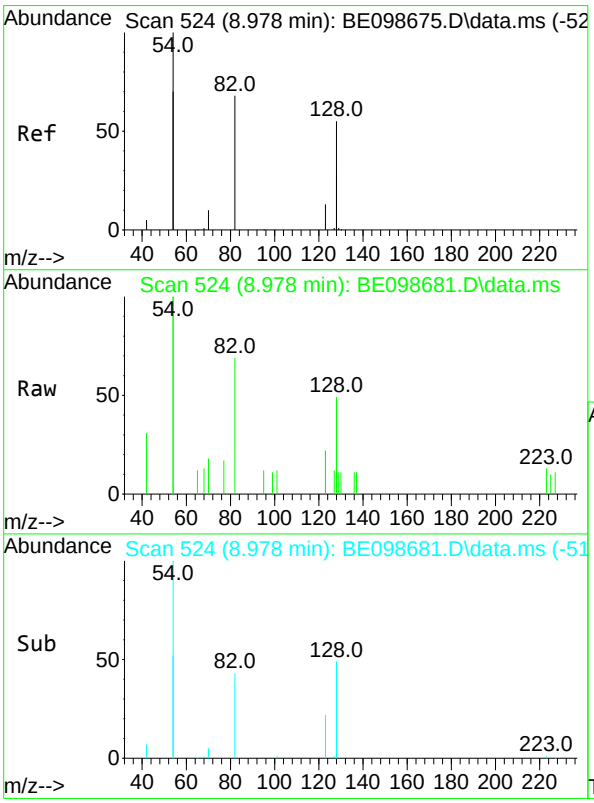


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 649
Delta R.T. 0.001 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:136 Resp: 4059

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.7	14.5
54	61.4	35.5	53.3#
68	8.6	5.0	7.6#

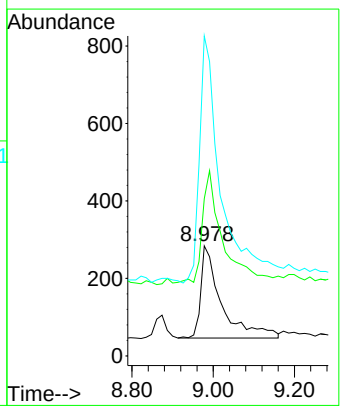




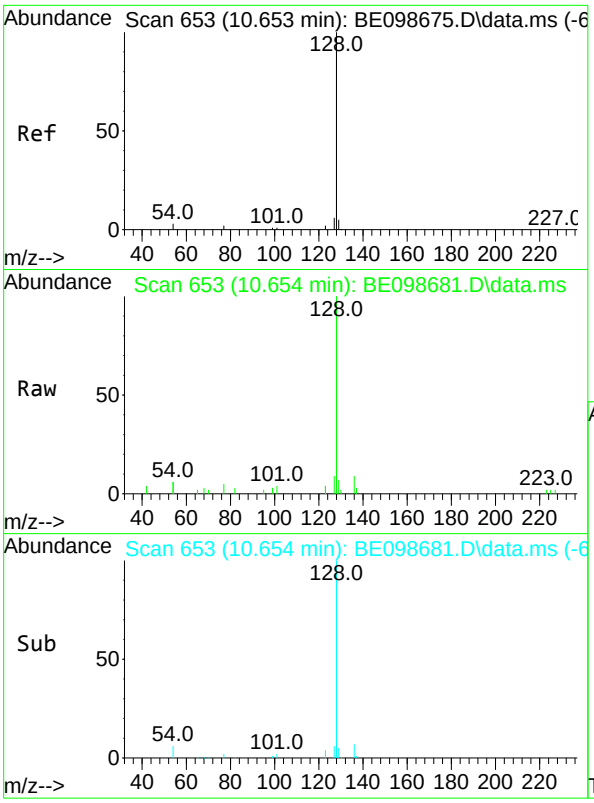
#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.978 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion: 82 Resp: 843

Ion	Ratio	Lower	Upper
82	100		
128	143.0	96.5	144.7
54	290.8	224.7	337.1



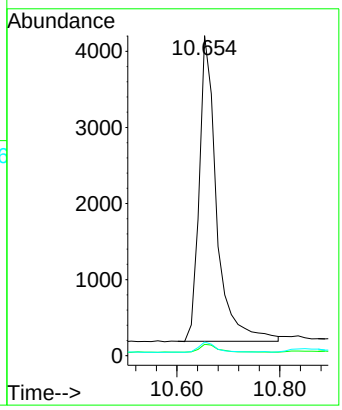
Instrument :
BNA_E
ClientSampleId :
PB116583BS

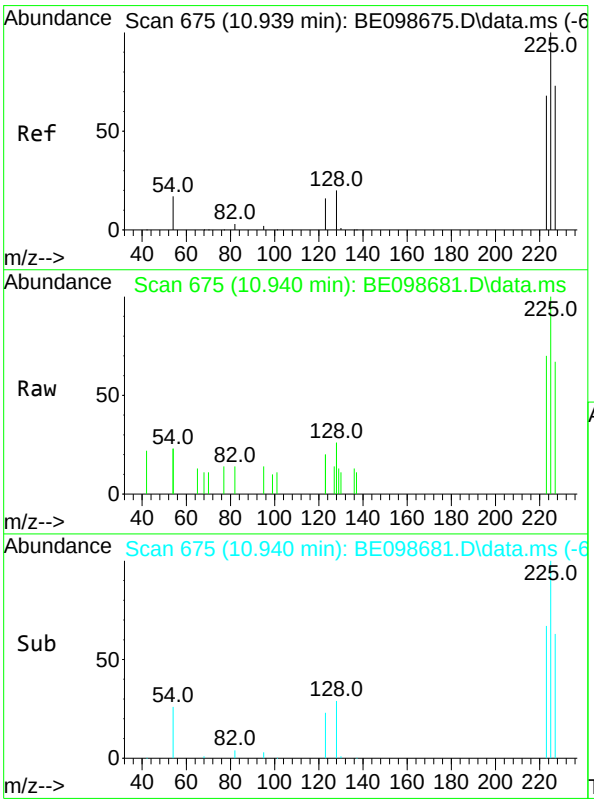


#9
Naphthalene
Concen: 0.20 ng
RT: 10.654 min Scan# 653
Delta R.T. 0.001 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:128 Resp: 9471

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.6	3.8
127	4.3	3.0	4.6

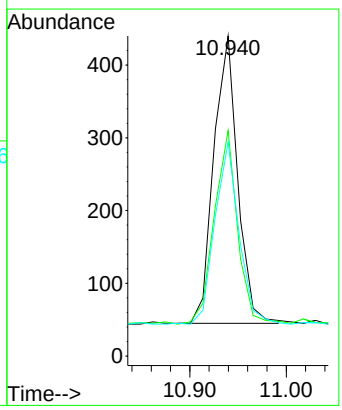


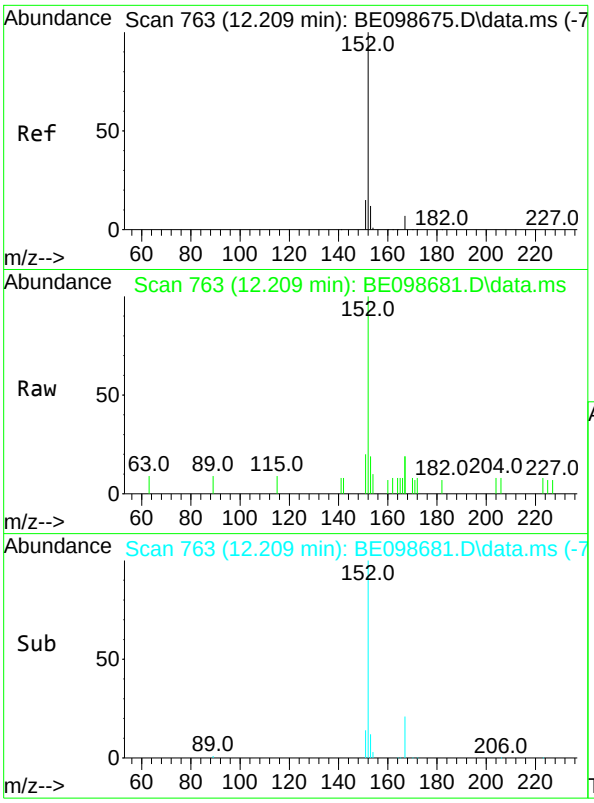


#10
Hexachlorobutadiene
Concen: 0.22 ng
RT: 10.940 min Scan# 675
Delta R.T. 0.001 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:225 Resp: 678

Ion	Ratio	Lower	Upper
225	100		
223	65.6	47.8	71.8
227	63.9	50.5	75.7

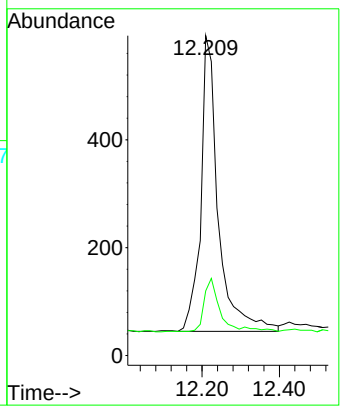




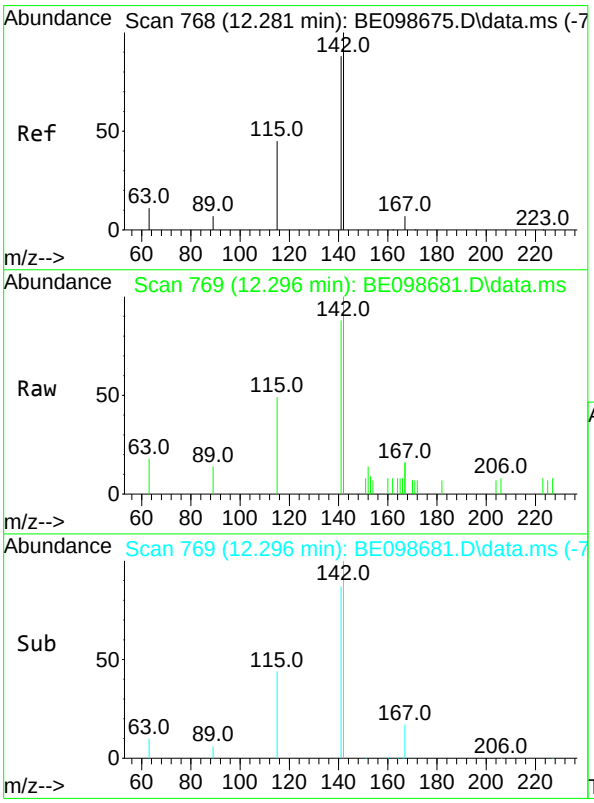
#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.209 min Scan# 763
Delta R.T. 0.000 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:152 Resp: 1715

Ion	Ratio	Lower	Upper
152	100		
151	14.9	16.2	24.4#



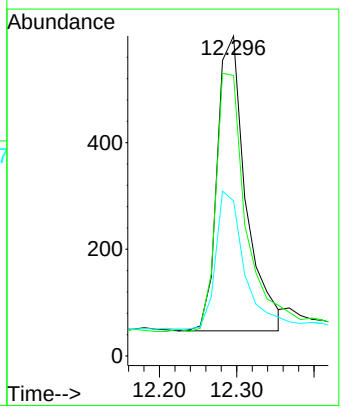
Instrument :
BNA_E
ClientSampleId :
PB116583BS



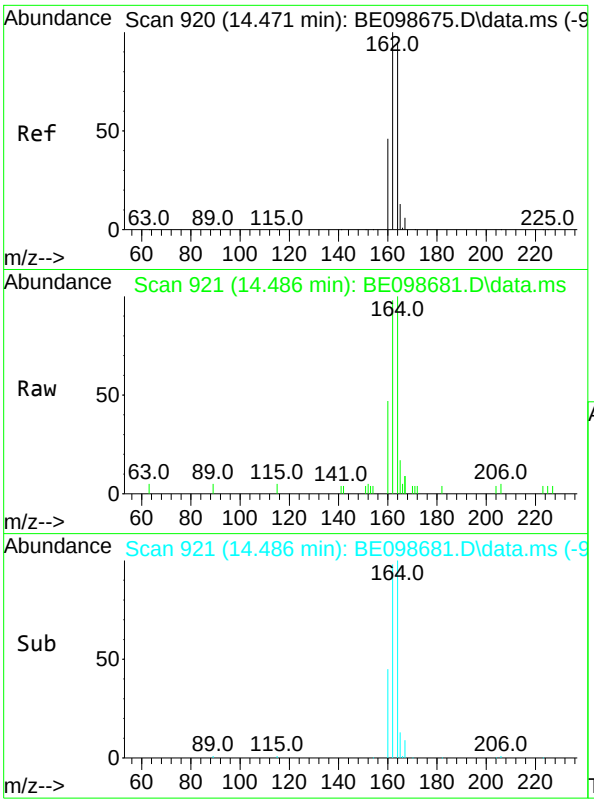
#12
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.296 min Scan# 769
Delta R.T. 0.015 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:142 Resp: 1431

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.0	105.0
115	48.5	35.2	52.8



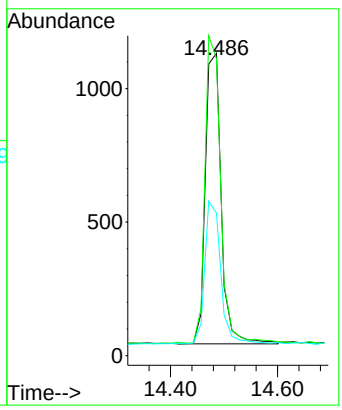
Instrument :
BNA_E
ClientSampleId :
PB116583BS

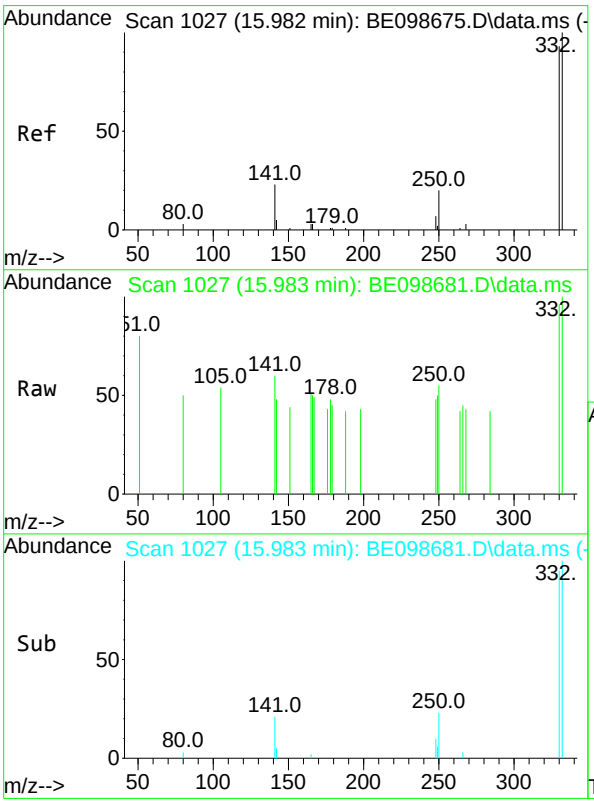


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.486 min Scan# 921
Delta R.T. 0.015 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:164 Resp: 2248

Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.5	120.7
160	47.1	40.1	60.1

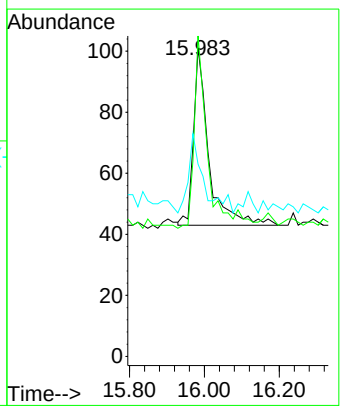




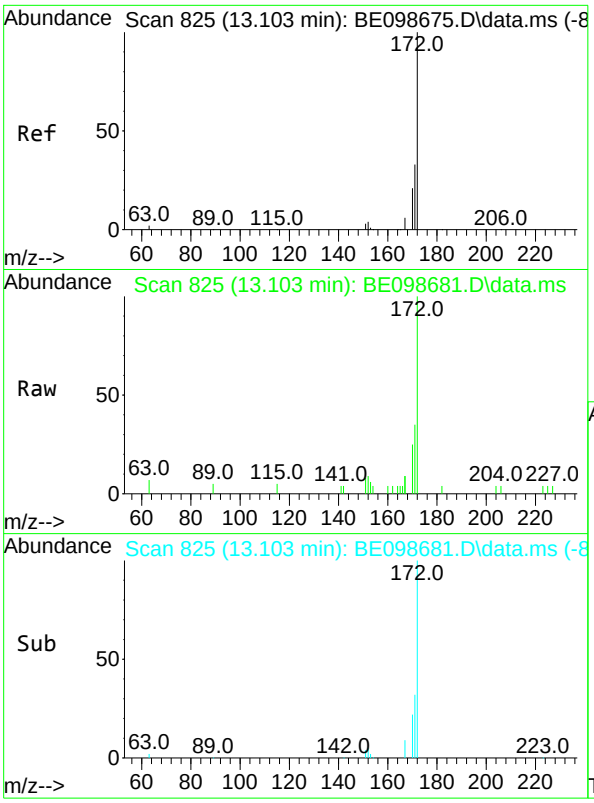
#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:330 Resp: 165

Ion	Ratio	Lower	Upper
330	100		
332	88.5	73.3	109.9
141	37.0	33.1	49.7



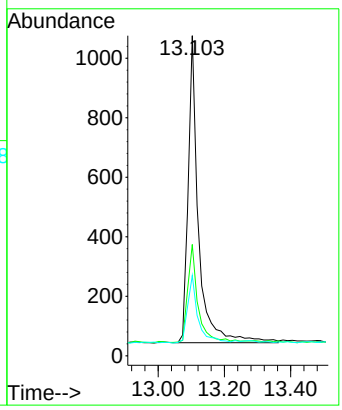
Instrument :
BNA_E
ClientSampleId :
PB116583BS

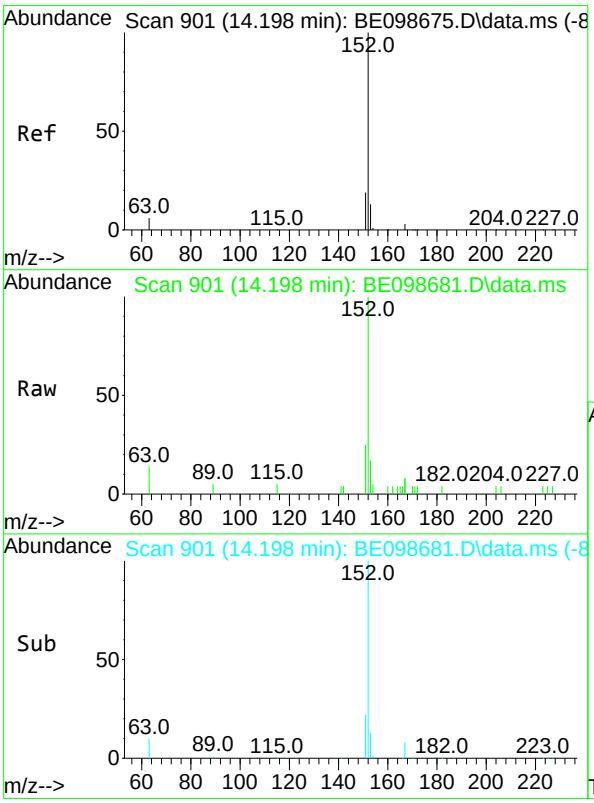


#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 13.103 min Scan# 825
Delta R.T. -0.000 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:172 Resp: 2227

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.4
170	25.1	20.8	31.2

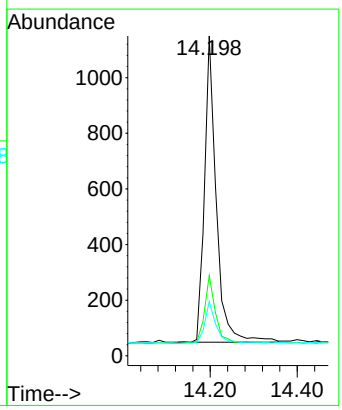




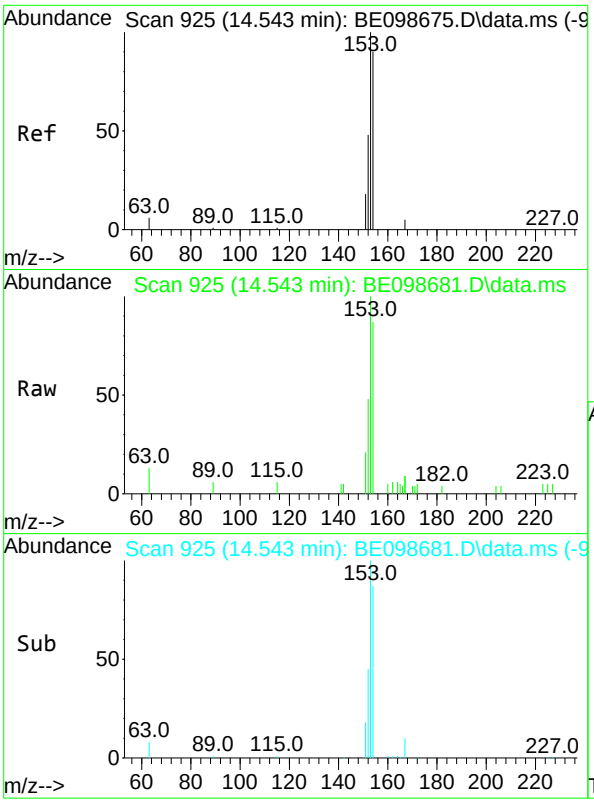
#16
Acenaphthylene
Concen: 0.18 ng
RT: 14.198 min Scan# 901
Delta R.T. -0.000 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:152 Resp: 2076

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	13.2	10.7	16.1



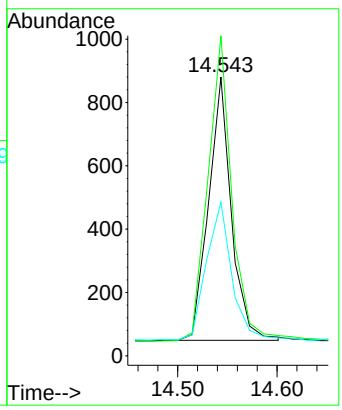
Instrument :
BNA_E
ClientSampleId :
PB116583BS

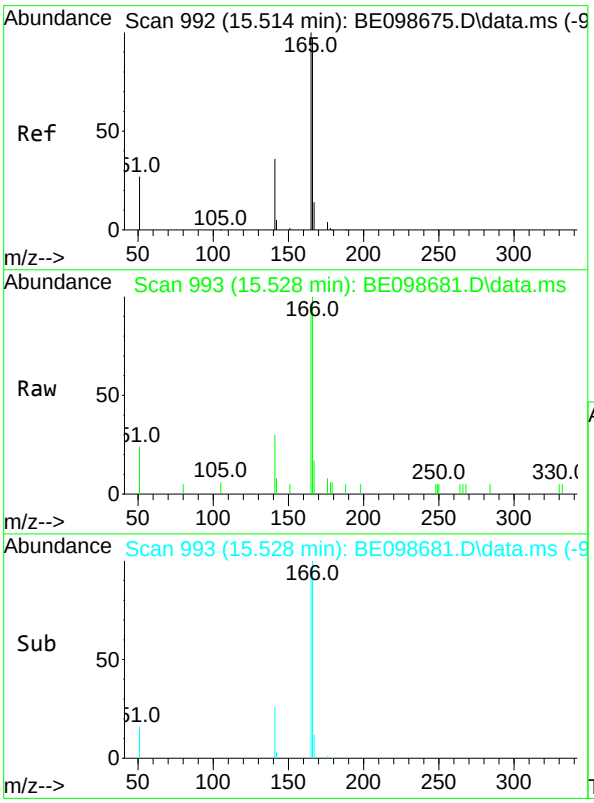


#17
Acenaphthene
Concen: 0.19 ng
RT: 14.543 min Scan# 925
Delta R.T. 0.000 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:154 Resp: 1325

Ion	Ratio	Lower	Upper
154	100		
153	120.9	93.9	140.9
152	57.1	45.8	68.8

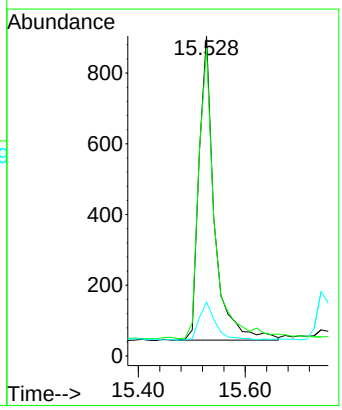




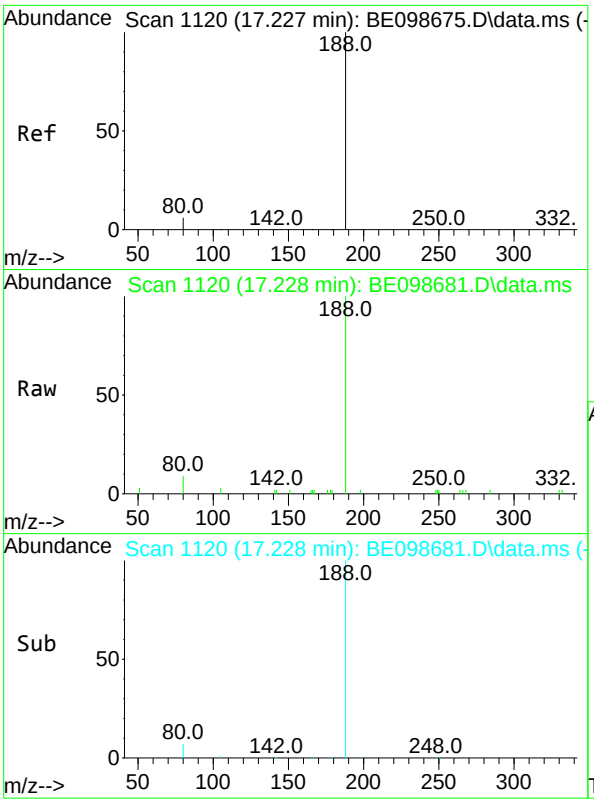
#18
Fluorene
Concen: 0.18 ng
RT: 15.528 min Scan# 993
Delta R.T. 0.014 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:166 Resp: 1709

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.3	118.9
167	13.3	10.6	15.8



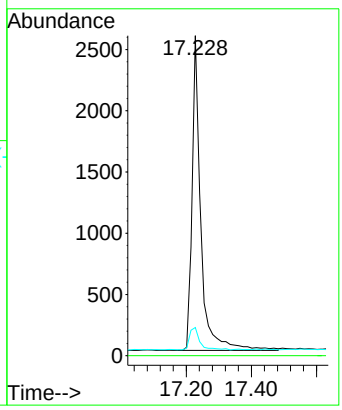
Instrument :
BNA_E
ClientSampleId :
PB116583BS

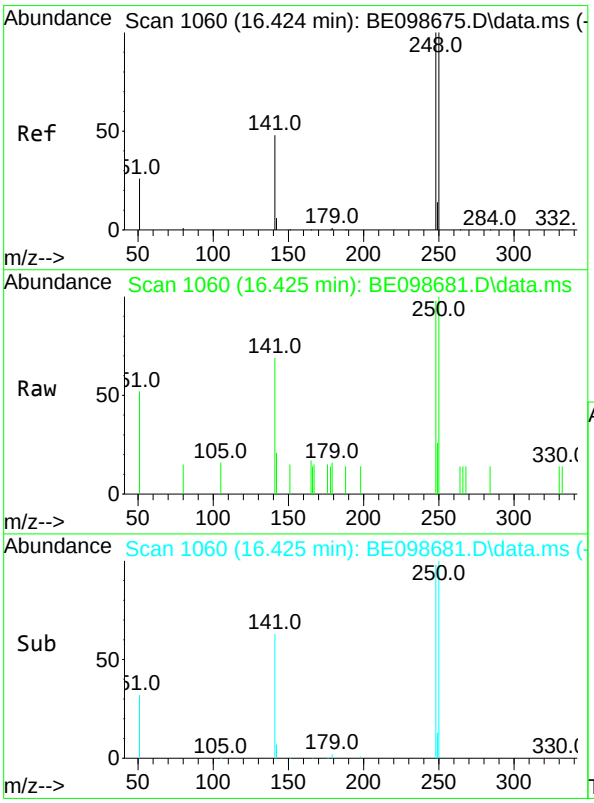


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:188 Resp: 4810

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	4.7	7.1#

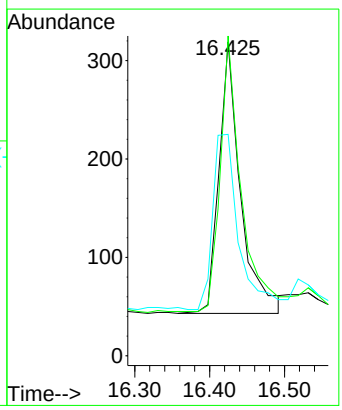




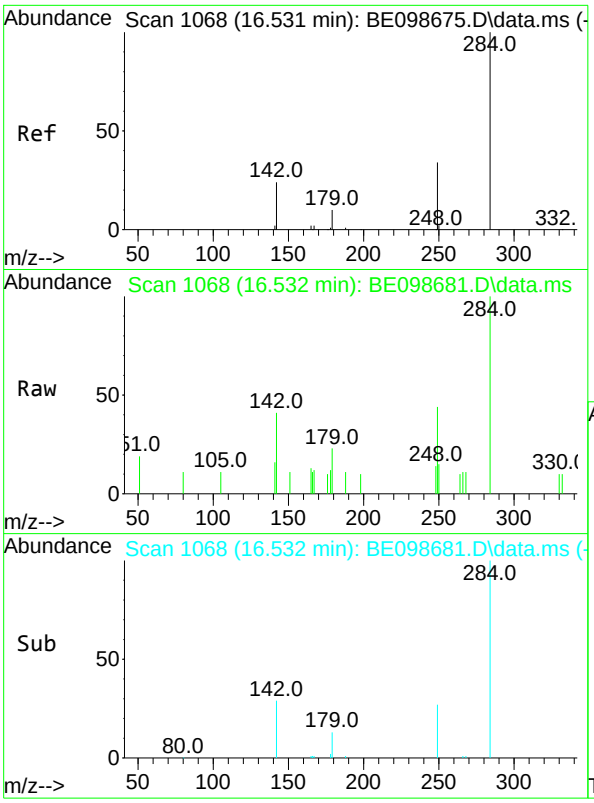
#20
4-Bromophenyl-phenylether
Concen: 0.19 ng
RT: 16.425 min Scan# 1060
Delta R.T. 0.001 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:248 Resp: 552

Ion	Ratio	Lower	Upper
248	100		
250	101.9	80.2	120.4
141	70.5	60.5	90.7



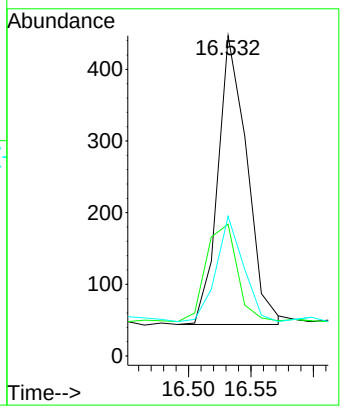
Instrument :
BNA_E
ClientSampleId :
PB116583BS

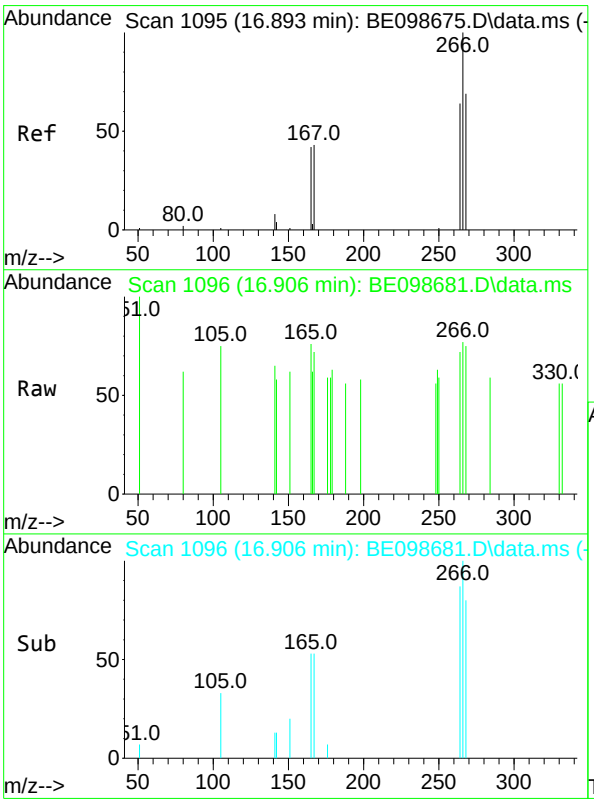


#21
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.532 min Scan# 1068
Delta R.T. 0.001 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:284 Resp: 652

Ion	Ratio	Lower	Upper
284	100		
142	35.4	25.5	38.3
249	34.2	26.6	39.8

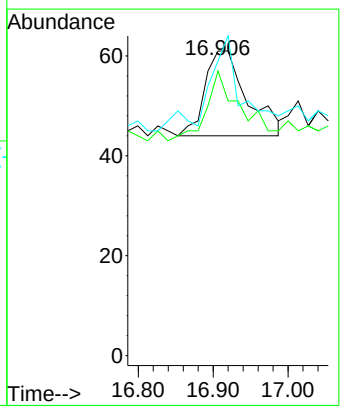




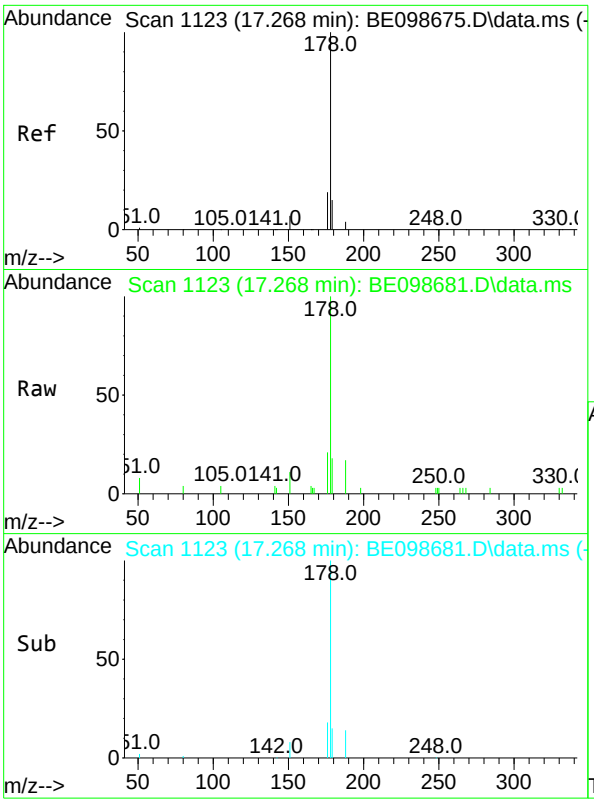
#22
Pentachlorophenol
Concen: 0.08 ng
RT: 16.906 min Scan# 1096
Delta R.T. 0.013 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:266 Resp: 67

Ion	Ratio	Lower	Upper
266	100		
264	93.4	53.7	80.5#
268	96.7	59.8	89.8#



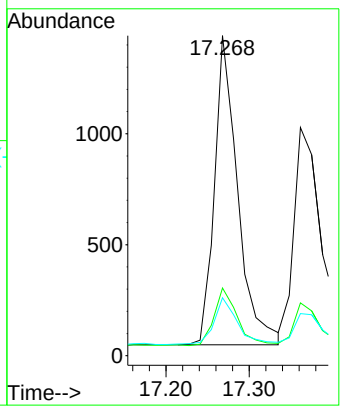
Instrument :
BNA_E
ClientSampleId :
PB116583BS

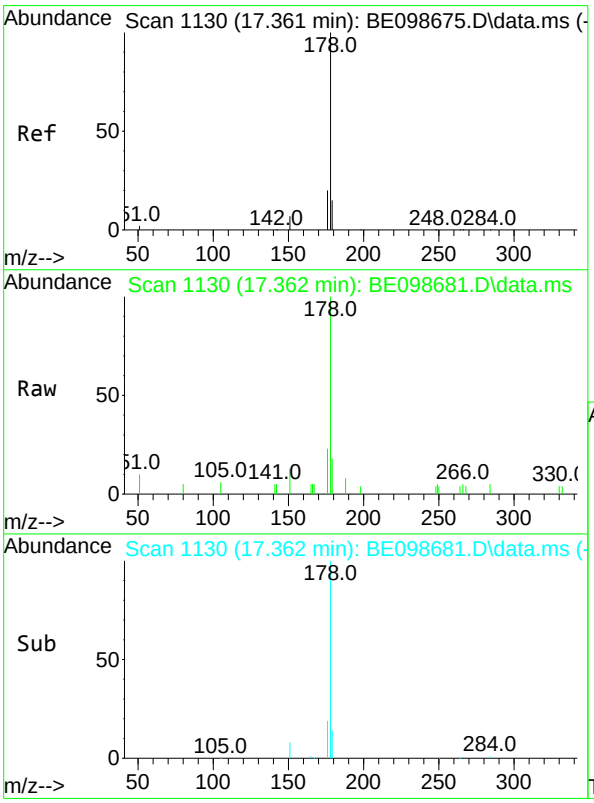


#23
Phenanthrene
Concen: 0.20 ng
RT: 17.268 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:178 Resp: 2707

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.9	23.9
179	15.1	12.2	18.4

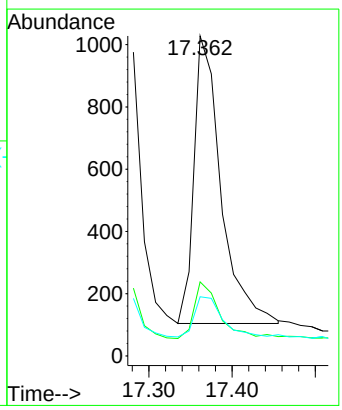




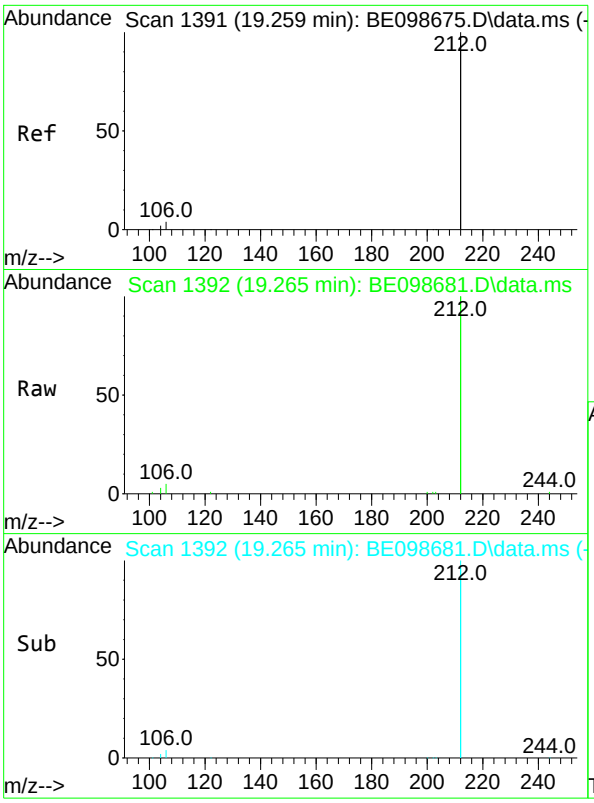
#24
Anthracene
Concen: 0.23 ng
RT: 17.362 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:178 Resp: 2084

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	14.4	11.8	17.8



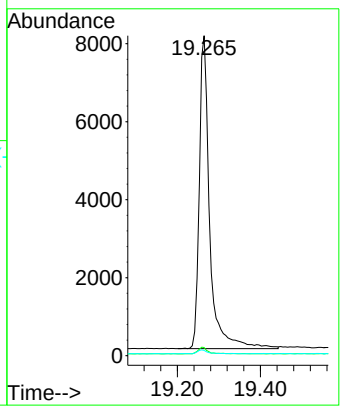
Instrument :
BNA_E
ClientSampleId :
PB116583BS

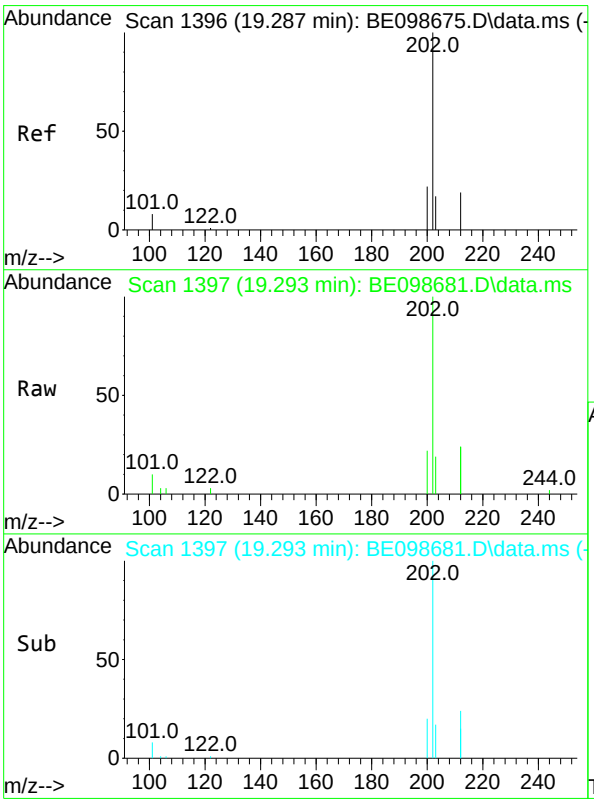


#25
Fluoranthene-d10
Concen: 0.20 ng
RT: 19.265 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:212 Resp: 14036

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.7	2.5
104	1.2	1.0	1.6

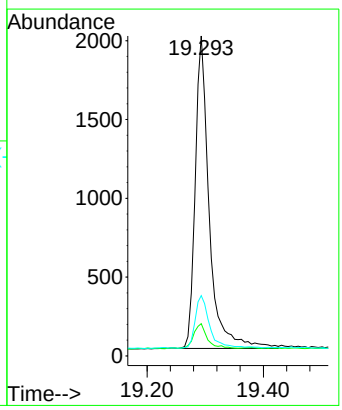




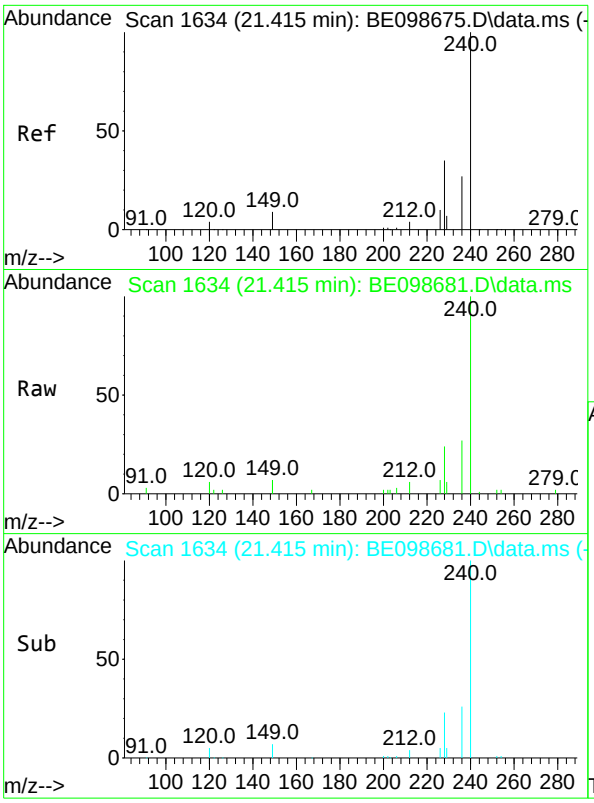
#26
Fluoranthene
Concen: 0.19 ng
RT: 19.293 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:202 Resp: 3322

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.7	10.1
203	17.4	13.3	19.9



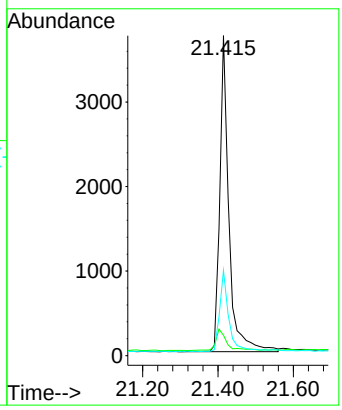
Instrument :
BNA_E
ClientSampleId :
PB116583BS

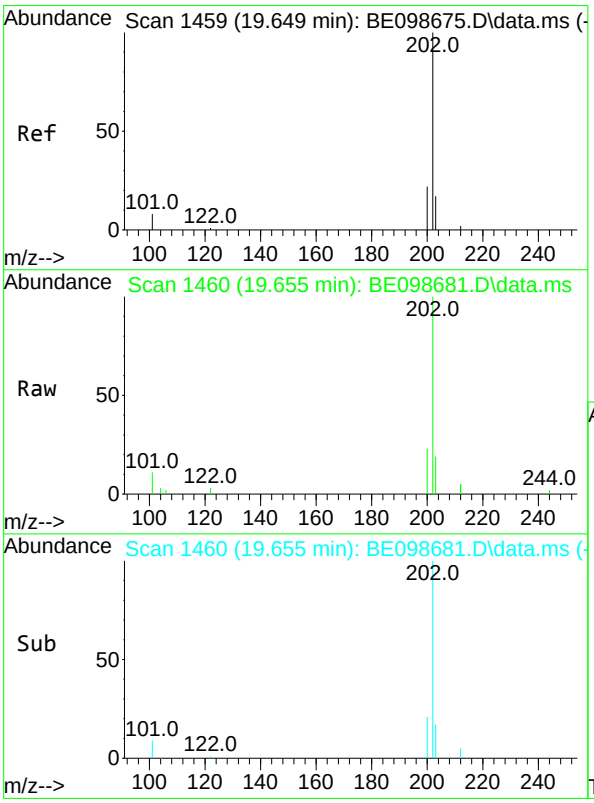


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:240 Resp: 6273

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.7	7.1
236	26.6	21.9	32.9

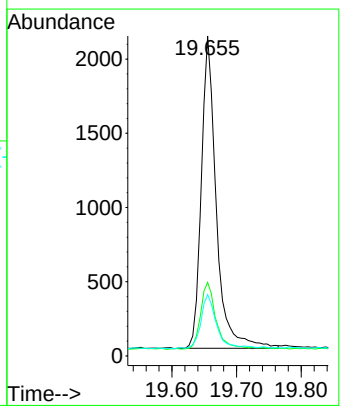




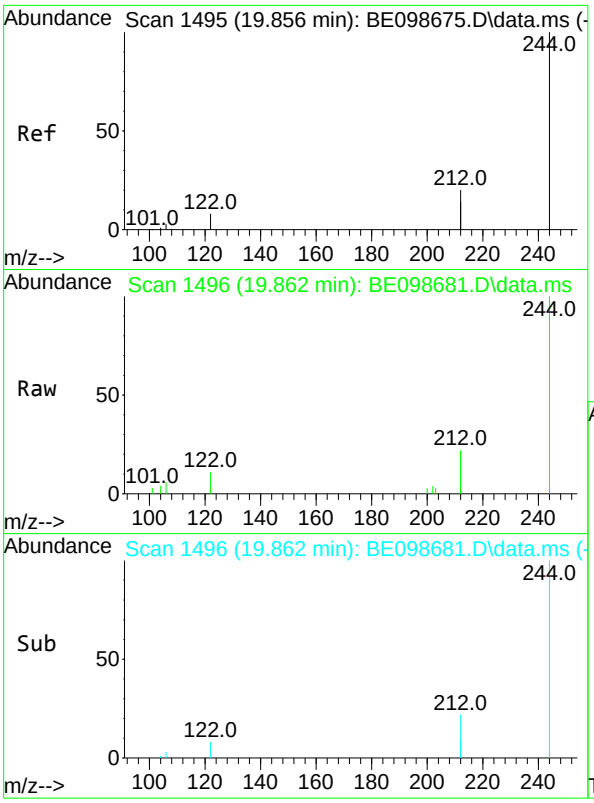
#28
Pyrene
Concen: 0.17 ng
RT: 19.655 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:202 Resp: 3375

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.0	25.6
203	18.4	13.8	20.8



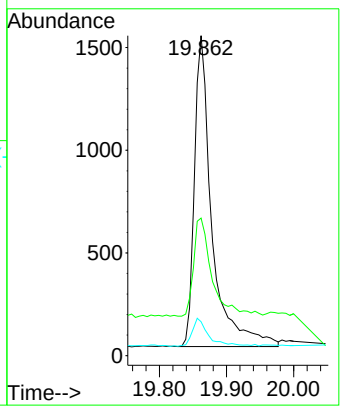
Instrument :
BNA_E
ClientSampleId :
PB116583BS

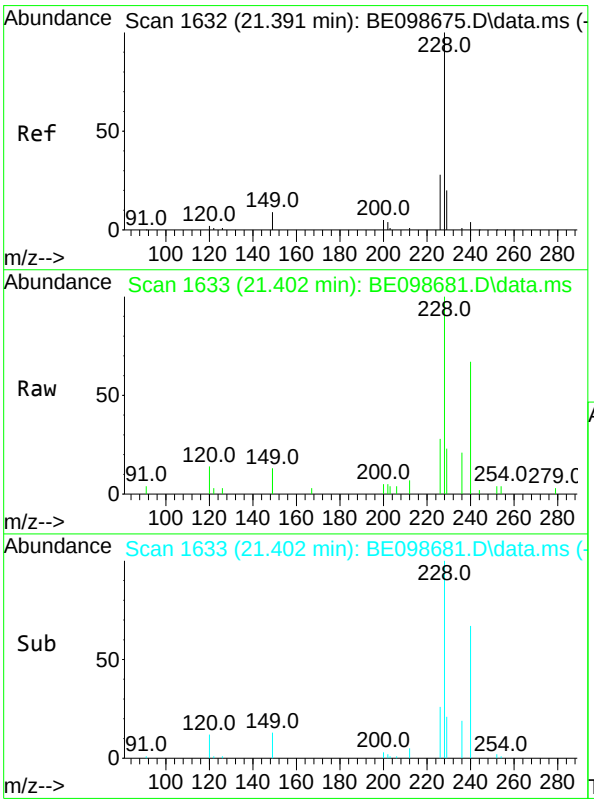


#29
Terphenyl-d14
Concen: 0.18 ng
RT: 19.862 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:244 Resp: 2757

Ion	Ratio	Lower	Upper
244	100		
212	43.0	29.4	44.2
122	10.6	7.1	10.7

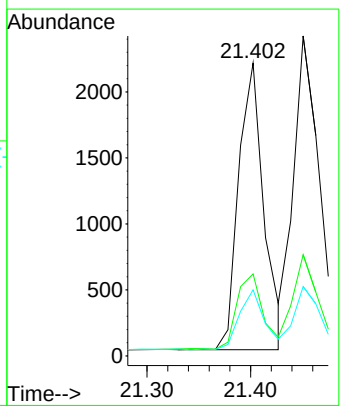




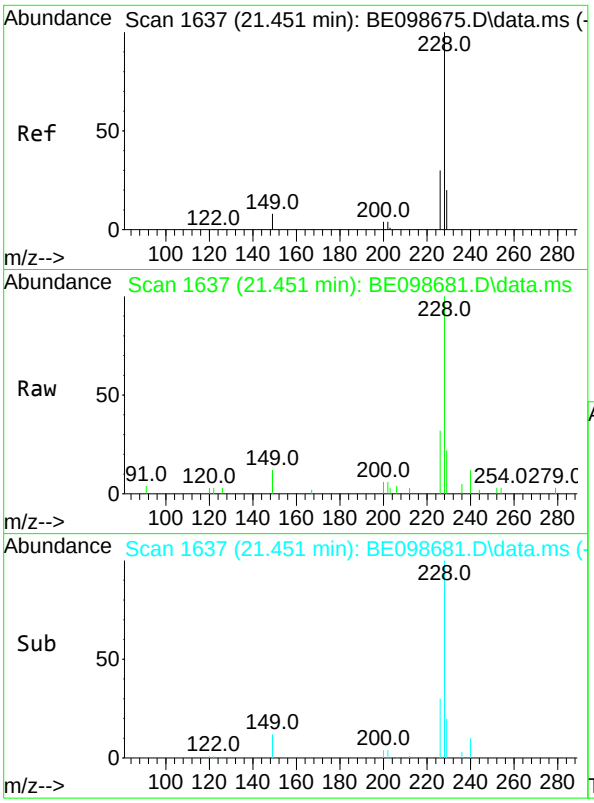
#30
Benzo(a)anthracene
Concen: 0.19 ng
RT: 21.402 min Scan# 1633
Delta R.T. 0.011 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:228 Resp: 3687

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.0	34.4
229	22.5	15.0	22.6



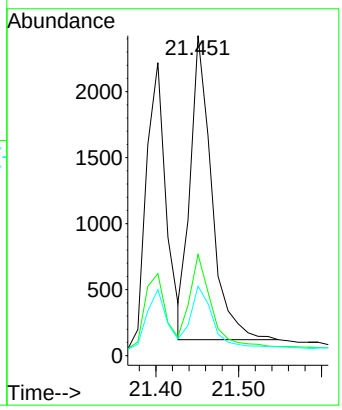
Instrument :
BNA_E
ClientSampleId :
PB116583BS

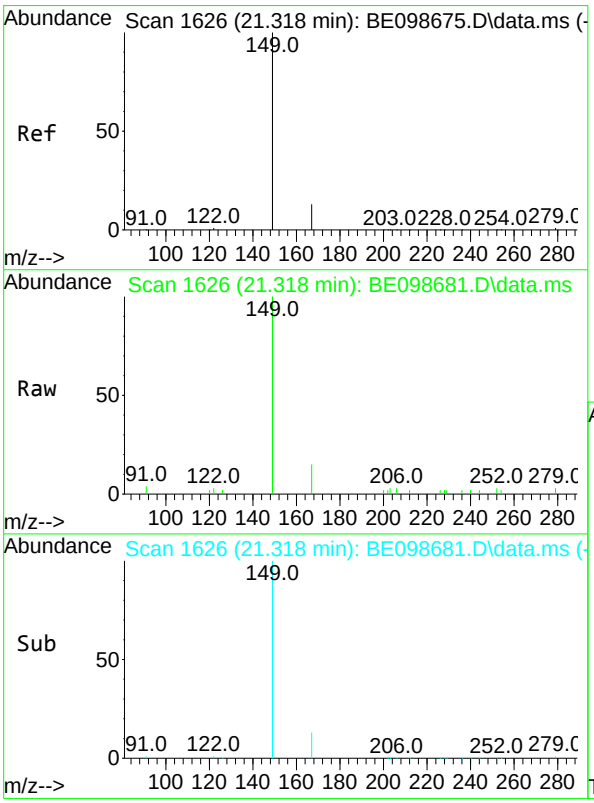


#31
Chrysene
Concen: 0.20 ng
RT: 21.451 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:228 Resp: 4118

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	36.8
229	21.7	16.4	24.6

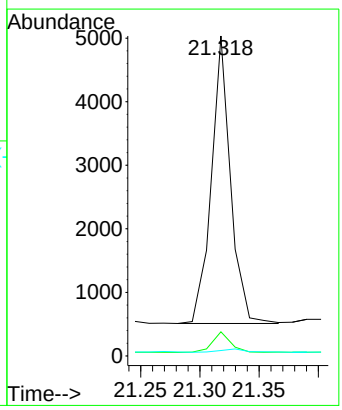




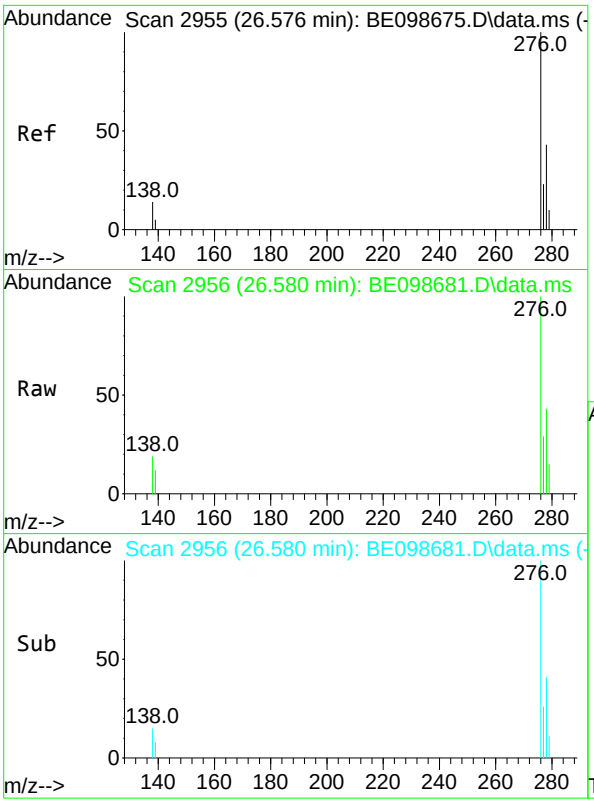
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.318 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:149 Resp: 5104

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.2
279	1.7	1.0	1.4#



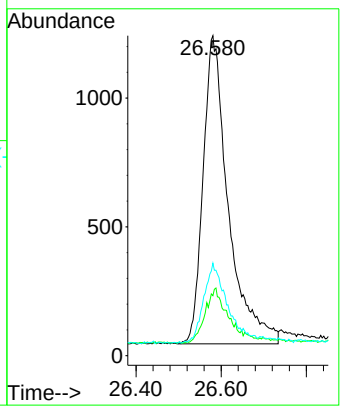
Instrument :
BNA_E
ClientSampleId :
PB116583BS

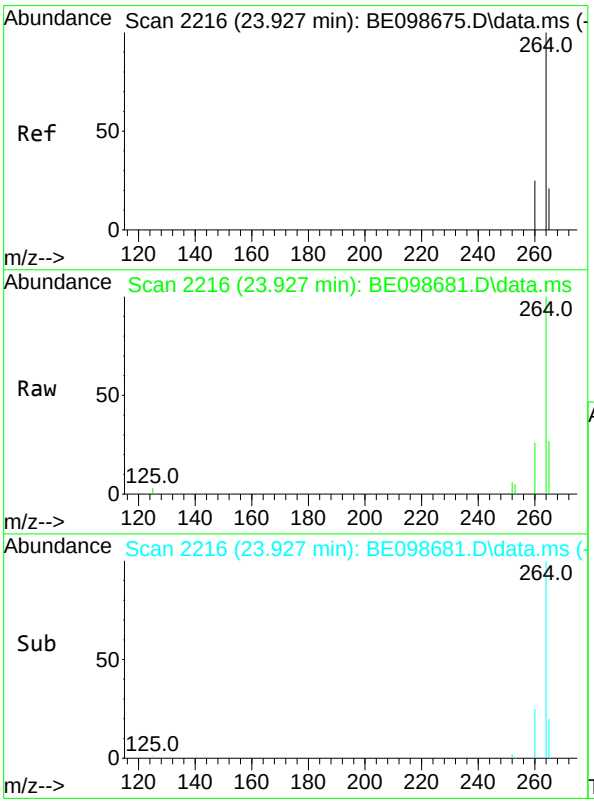


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.23 ng
RT: 26.580 min Scan# 2956
Delta R.T. 0.004 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:276 Resp: 4933

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.3	19.9
277	24.2	19.4	29.0

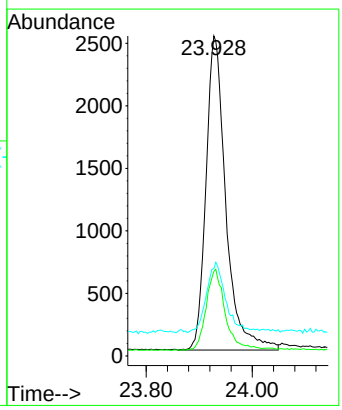


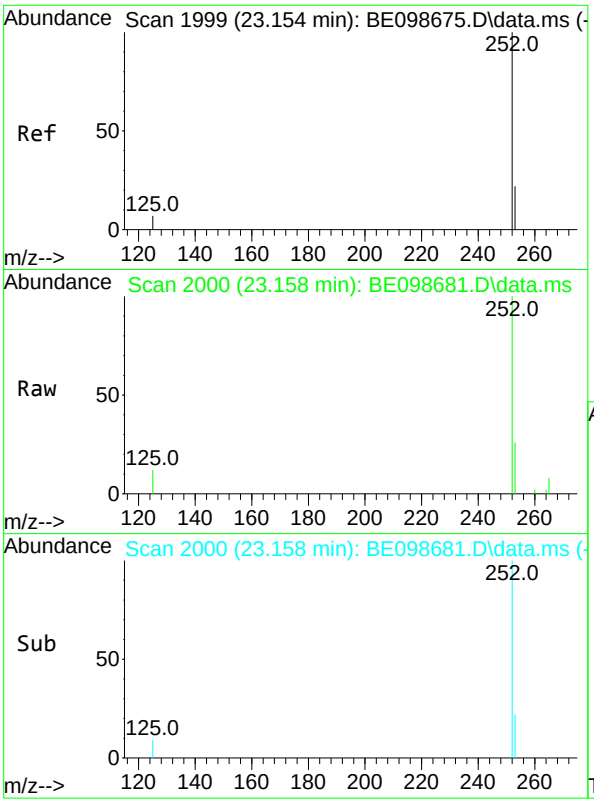


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.927 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:264 Resp: 6518

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	27.3	22.3	33.5

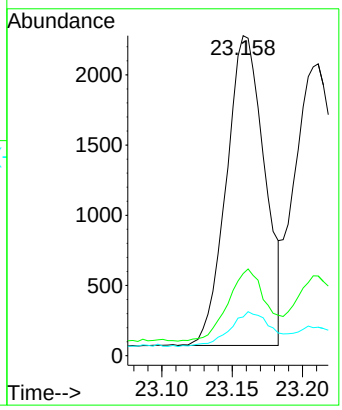




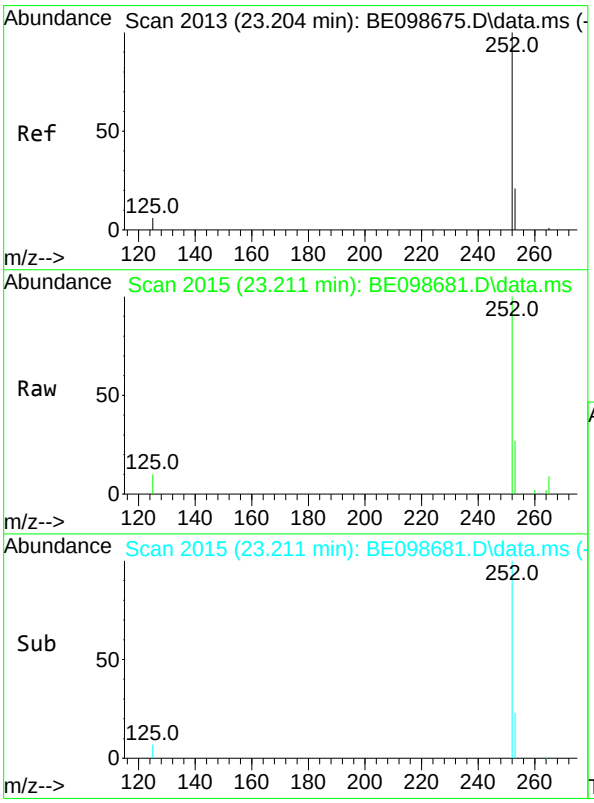
#35
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 23.158 min Scan# 2000
Delta R.T. 0.004 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:252 Resp: 4165

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.4	29.0
125	12.1	8.2	12.4



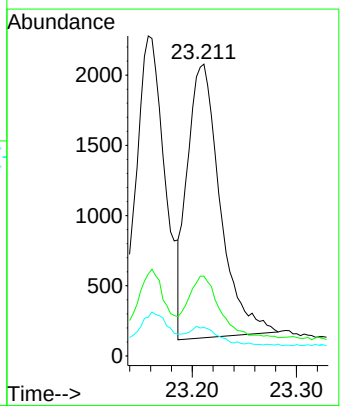
Instrument :
BNA_E
ClientSampleId :
PB116583BS



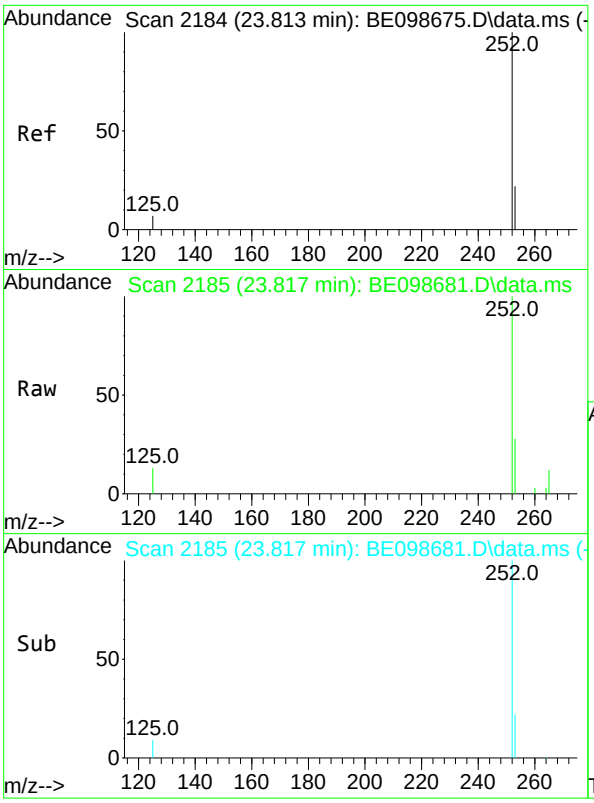
#36
Benzo(k)fluoranthene
Concen: 0.19 ng
RT: 23.211 min Scan# 2015
Delta R.T. 0.007 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:252 Resp: 4260

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.0	28.4
125	9.8	7.0	10.4



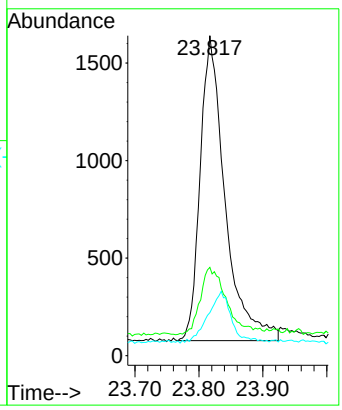
Instrument :
BNA_E
ClientSampleId :
PB116583BS

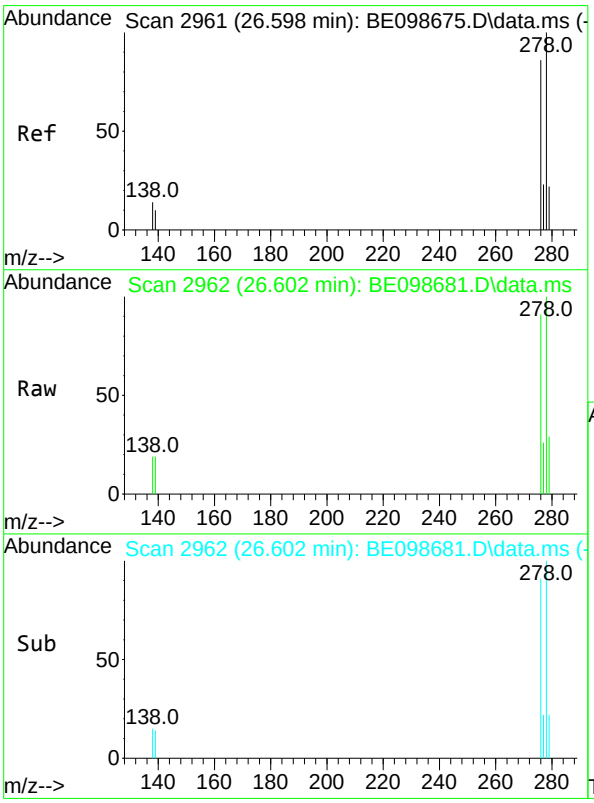


#37
Benzo(a)pyrene
Concen: 0.21 ng
RT: 23.817 min Scan# 2185
Delta R.T. 0.004 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:252 Resp: 4230

Ion	Ratio	Lower	Upper
252	100		
253	27.6	21.0	31.4
125	13.5	9.2	13.8

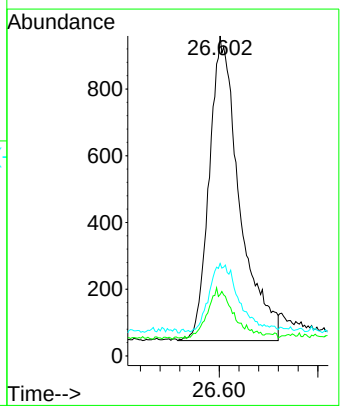


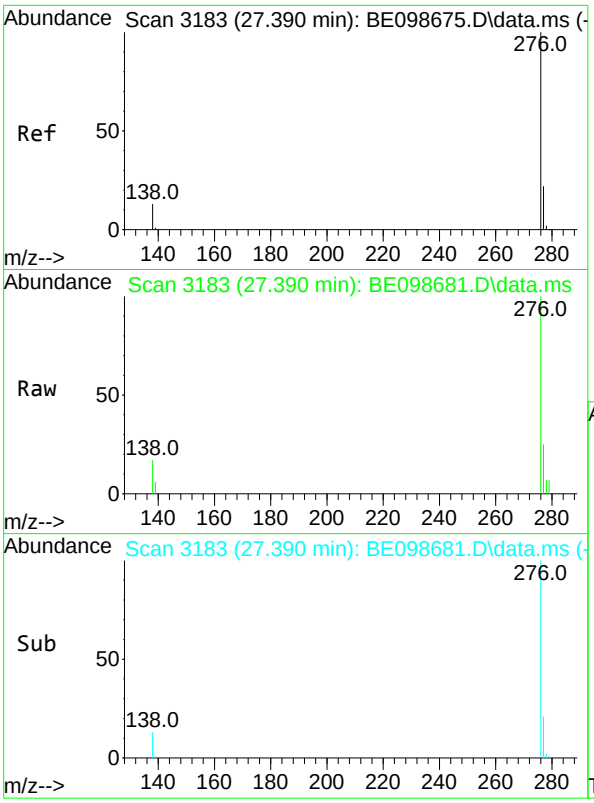


#38
Dibenzo(a,h)anthracene
Concen: 0.21 ng
RT: 26.602 min Scan# 2962
Delta R.T. 0.004 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:278 Resp: 3883

Ion	Ratio	Lower	Upper
278	100		
139	19.2	12.7	19.1#
279	28.9	22.0	33.0

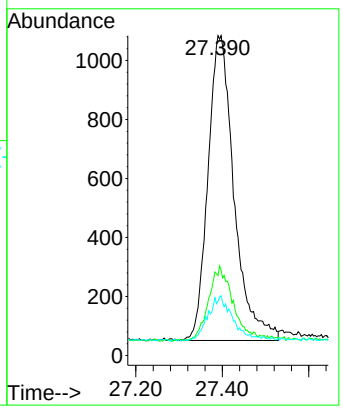




#39
Benzo(g,h,i)perylene
Concen: 0.21 ng
RT: 27.390 min Scan# 3183
Delta R.T. 0.000 min
Lab File: BE098681.D
Acq: 24 Jan 2019 16:08

Tgt Ion:276 Resp: 4338

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.3	30.5
138	17.0	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
PB116583BS