Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\Be022119\
Data File : BE098750.D
Acq On : 21 Feb 2019 16:15
Operator : JU/SJ
Sample : PB117262BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB117262BS

Quant Time: Feb 21 22:11:59 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

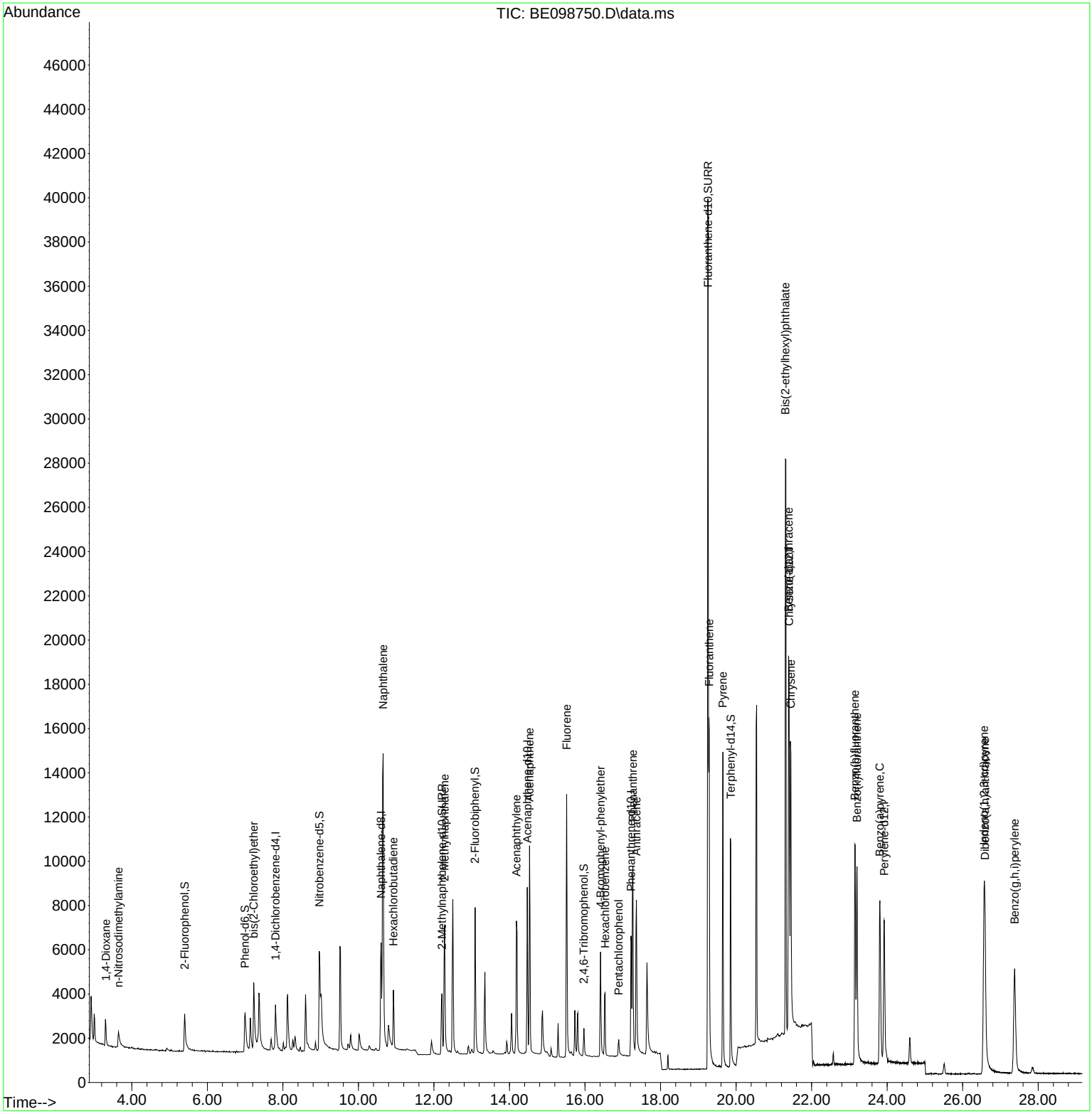
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	1182	0.40	ng		0.00
7) Naphthalene-d8	10.602	136	6158	0.40	ng		0.00
13) Acenaphthene-d10	14.472	164	4363	0.40	ng		0.00
19) Phenanthrene-d10	17.214	188	10107	0.40	ng		#-0.01
27) Chrysene-d12	21.403	240	11314	0.40	ng		#-0.01
34) Perylene-d12	23.920	264	10897	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.397	112	1312	0.38	ng		0.00
5) Phenol-d6	6.998	99	2217	0.43	ng		0.00
8) Nitrobenzene-d5	8.965	82	2412	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.210	152	4727	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.969	330	814	0.42	ng		-0.01
15) 2-Fluorobiphenyl	13.088	172	7159	0.38	ng		-0.01
25) Fluoranthene-d10	19.253	212	57026	0.40	ng		0.00
29) Terphenyl-d14	19.857	244	11238	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	774	0.34	ng		97
3) n-Nitrosodimethylamine	3.646	42	1260	0.44	ng	#	99
6) bis(2-Chloroethyl)ether	7.228	93	1634	0.47	ng		95
9) Naphthalene	10.654	128	27777	0.39	ng		99
10) Hexachlorobutadiene	10.926	225	1773	0.38	ng		98
12) 2-Methylnaphthalene	12.282	142	4791	0.41	ng		98
16) Acenaphthylene	14.183	152	8554	0.38	ng		99
17) Acenaphthene	14.529	154	5035	0.38	ng		100
18) Fluorene	15.514	166	7097	0.39	ng		98
20) 4-Bromophenyl-phenylether	16.411	248	2335	0.39	ng		92
21) Hexachlorobenzene	16.531	284	2708	0.39	ng		98
22) Pentachlorophenol	16.893	266	544	0.30	ng		93
23) Phenanthrene	17.268	178	11145	0.40	ng		99
24) Anthracene	17.361	178	9475	0.41	ng		99
26) Fluoranthene	19.288	202	14339	0.40	ng		100
28) Pyrene	19.650	202	14509	0.40	ng		100
30) Benzo(a)anthracene	21.391	228	13487	0.40	ng		98
31) Chrysene	21.451	228	14749	0.40	ng		98
32) Bis(2-ethylhexyl)phtha...	21.306	149	37769	0.60	ng		100
33) Indeno(1,2,3-cd)pyrene	26.566	276	14765	0.38	ng		98
35) Benzo(b)fluoranthene	23.147	252	14166	0.40	ng	#	98
36) Benzo(k)fluoranthene	23.200	252	14371	0.38	ng		99
37) Benzo(a)pyrene	23.806	252	13409	0.40	ng		98
38) Dibenzo(a,h)anthracene	26.591	278	11500	0.37	ng		95
39) Benzo(g,h,i)perylene	27.376	276	12753	0.37	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\Be022119\
Data File : BE098750.D
Acq On : 21 Feb 2019 16:15
Operator : JU/SJ
Sample : PB117262BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB117262BS

Quant Time: Feb 21 22:11:59 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



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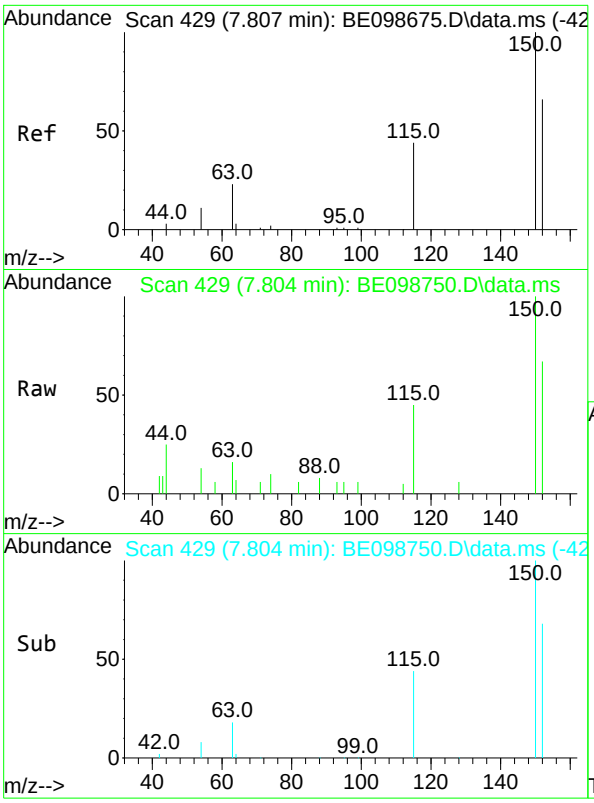
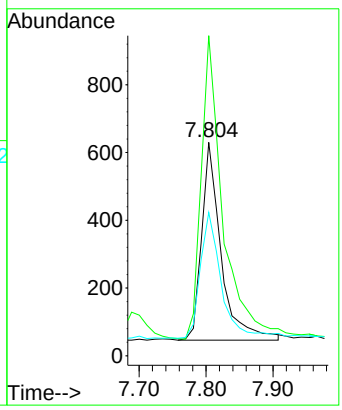
PB117262BS

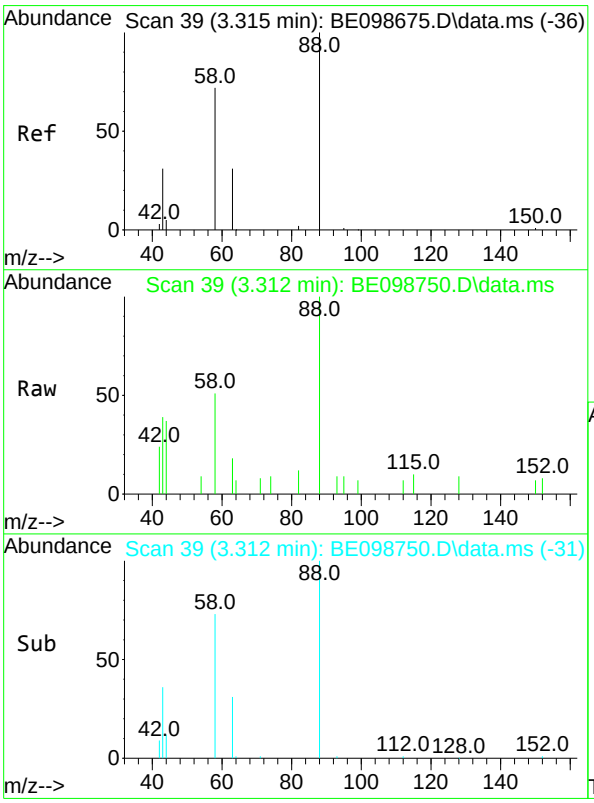


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.804 min Scan# 429
Delta R.T. -0.003 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:152 Resp: 1182

Ion	Ratio	Lower	Upper
152	100		
150	150.0	121.4	182.2
115	67.1	59.1	88.7

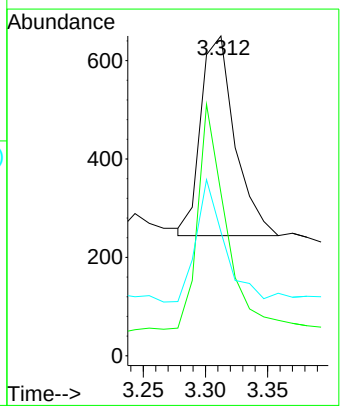




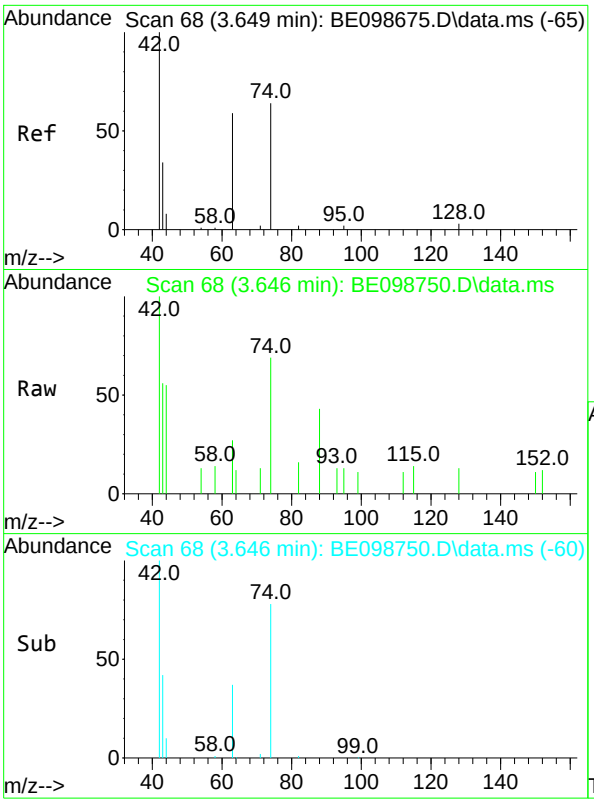
#2
1,4-Dioxane
Concen: 0.34 ng
RT: 3.312 min Scan# 39
Delta R.T. -0.003 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion: 88 Resp: 774

Ion	Ratio	Lower	Upper
88	100		
58	95.9	73.9	110.9
43	53.2	43.7	65.5



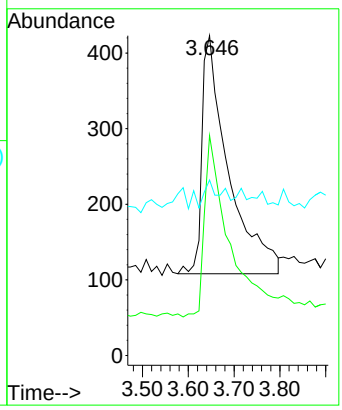
Instrument :
BNA_E
ClientSampleId :
PB117262BS

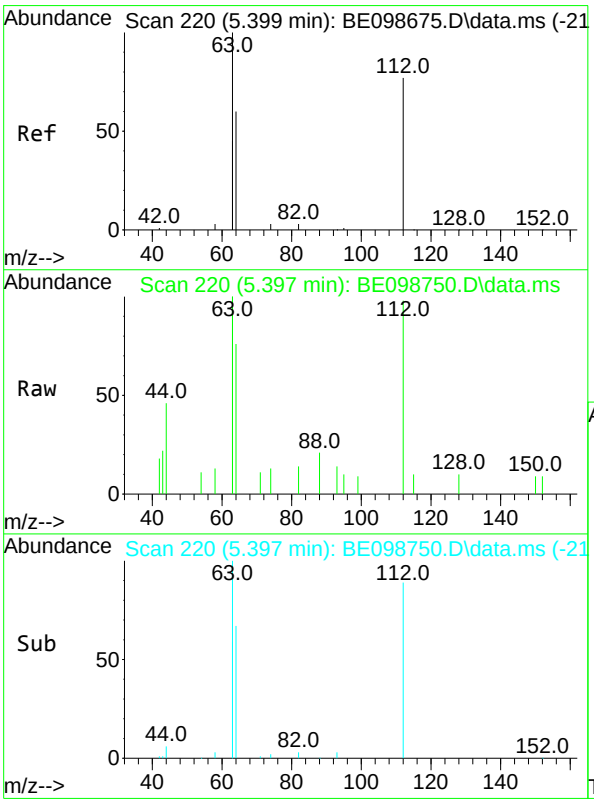


#3
n-Nitrosodimethylamine
Concen: 0.44 ng
RT: 3.646 min Scan# 68
Delta R.T. -0.003 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion: 42 Resp: 1260

Ion	Ratio	Lower	Upper
42	100		
74	72.5	58.9	88.3
44	5.1	0.0	0.0#

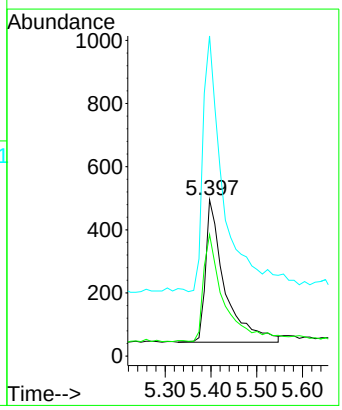




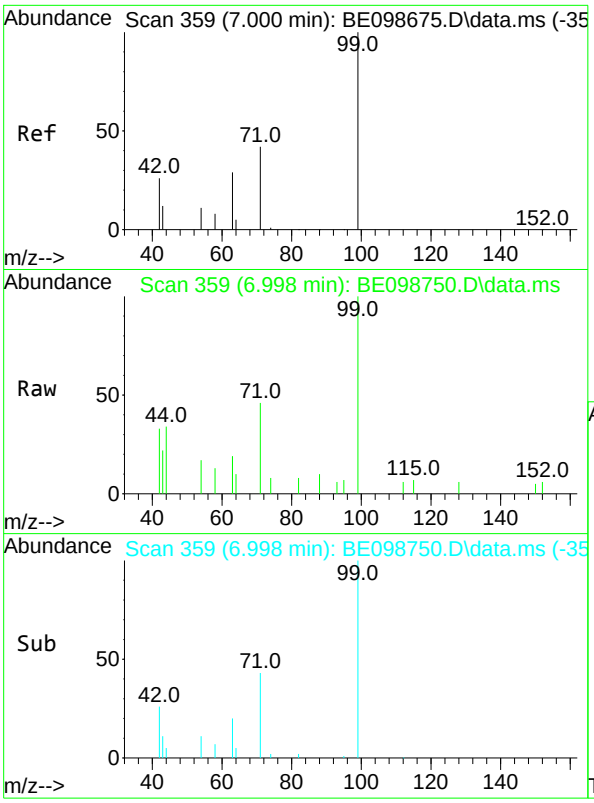
#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.397 min Scan# 220
Delta R.T. -0.002 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:112 Resp: 1312

Ion	Ratio	Lower	Upper
112	100		
64	81.8	62.9	94.3
63	203.7	152.2	228.4



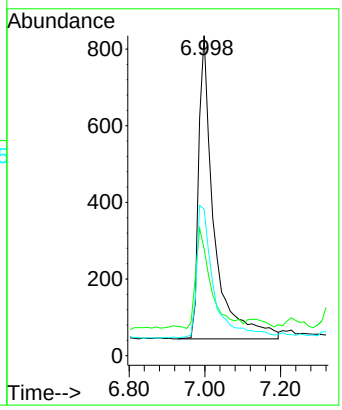
Instrument :
BNA_E
ClientSampleId :
PB117262BS

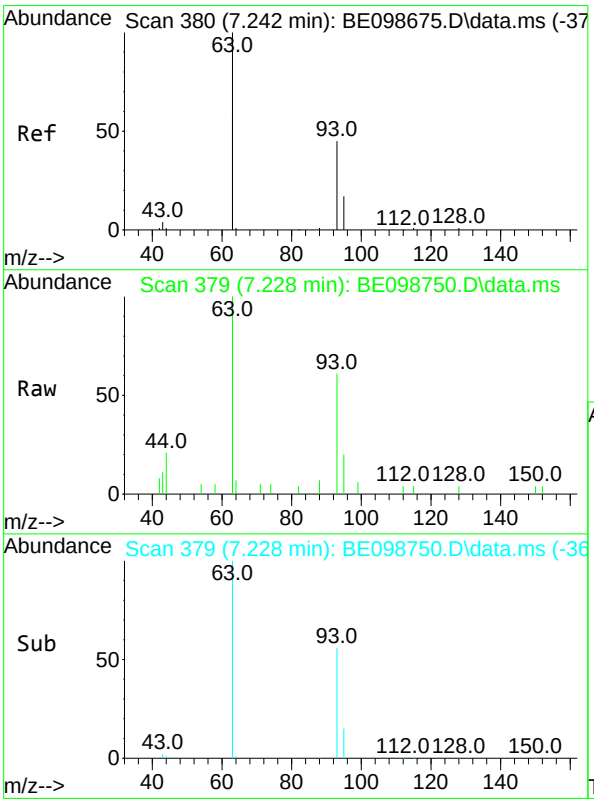


#5
Phenol-d6
Concen: 0.43 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.002 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion: 99 Resp: 2217

Ion	Ratio	Lower	Upper
99	100		
42	32.8	24.6	37.0
71	48.4	35.1	52.7

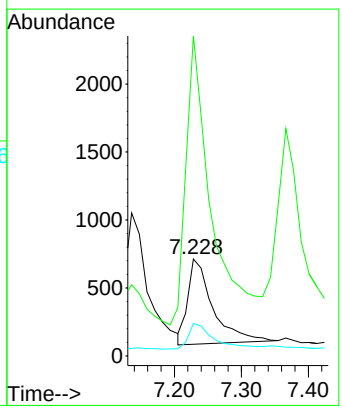




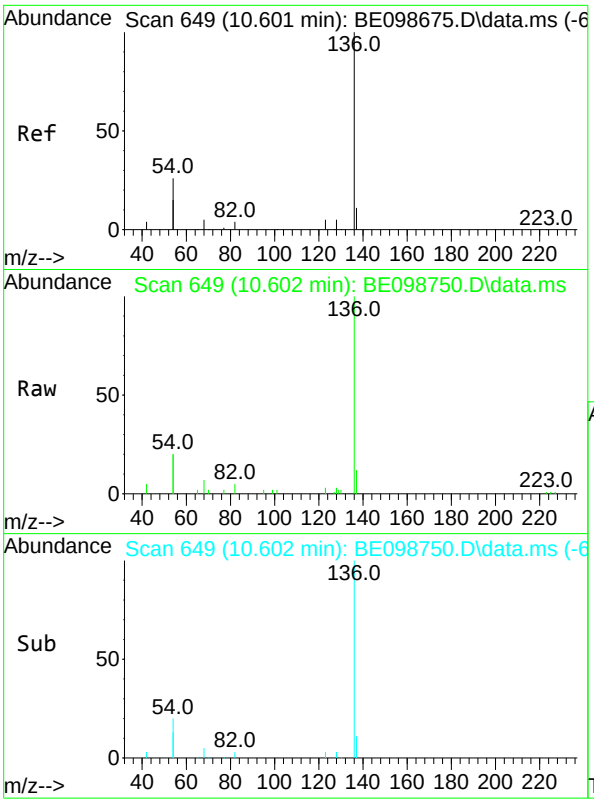
#6
bis(2-Chloroethyl)ether
Concen: 0.47 ng
RT: 7.228 min Scan# 379
Delta R.T. -0.014 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion: 93 Resp: 1634

Ion	Ratio	Lower	Upper
93	100		
63	344.5	267.3	400.9
95	31.5	26.2	39.4



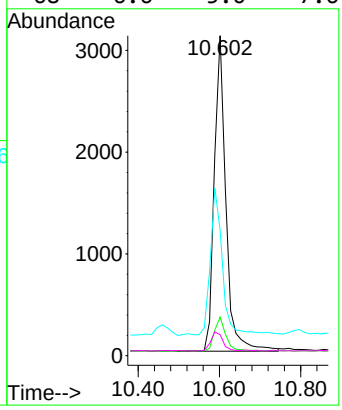
Instrument :
BNA_E
ClientSampleId :
PB117262BS

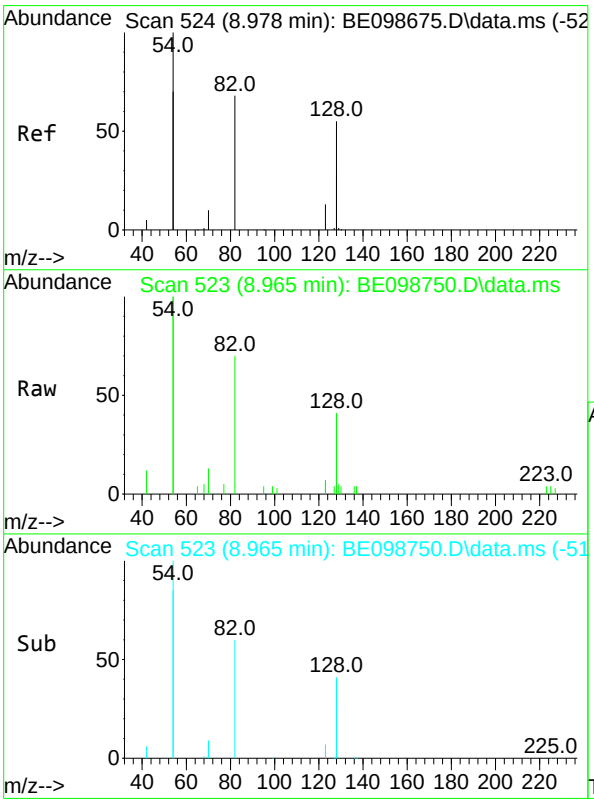


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 649
Delta R.T. 0.001 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:136 Resp: 6158

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	39.2	35.5	53.3
68	6.6	5.0	7.6

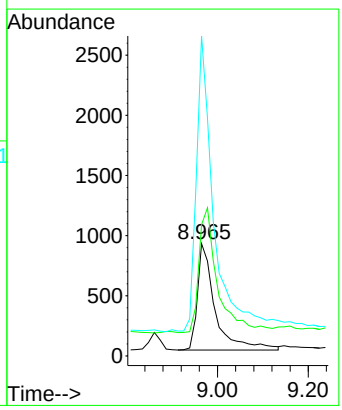




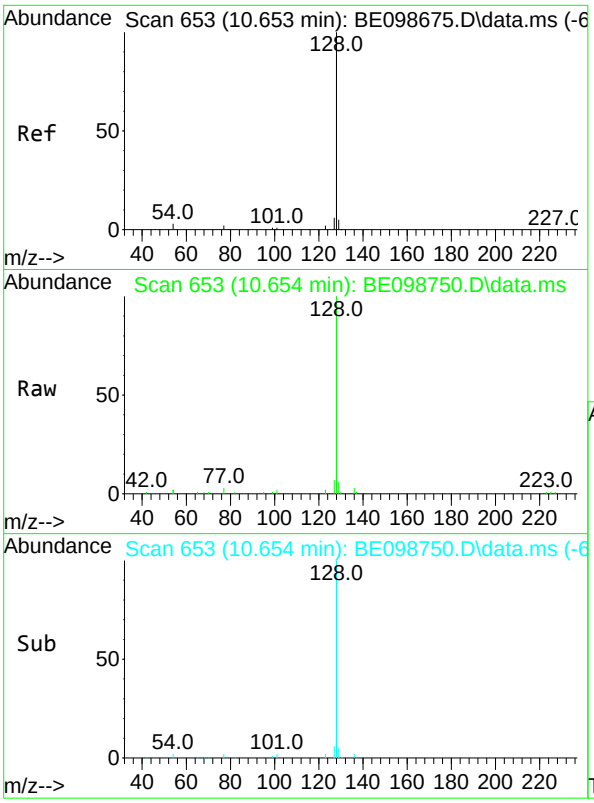
#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.965 min Scan# 523
Delta R.T. -0.013 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion: 82 Resp: 2412

Ion	Ratio	Lower	Upper
82	100		
128	116.7	96.5	144.7
54	284.8	224.7	337.1



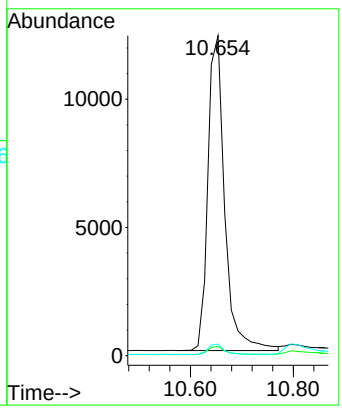
Instrument :
BNA_E
ClientSampleId :
PB117262BS

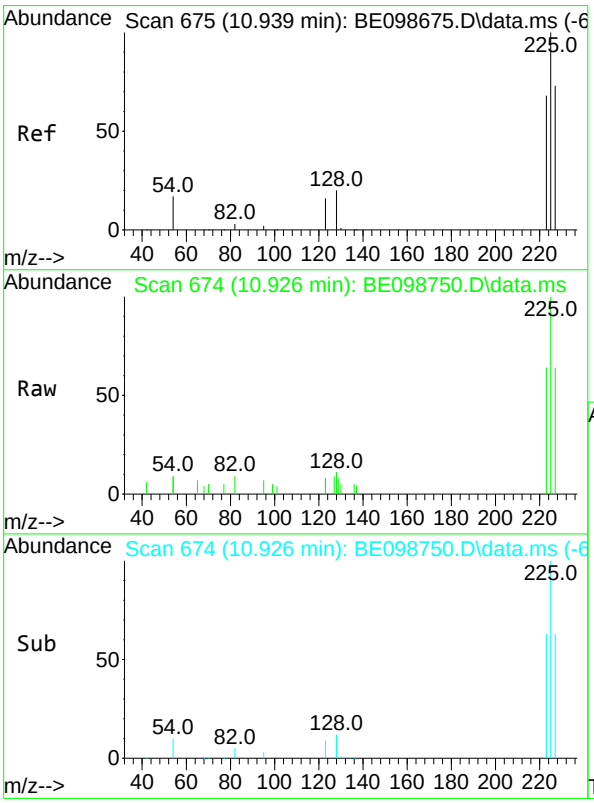


#9
Naphthalene
Concen: 0.39 ng
RT: 10.654 min Scan# 653
Delta R.T. 0.001 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:128 Resp: 27777

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

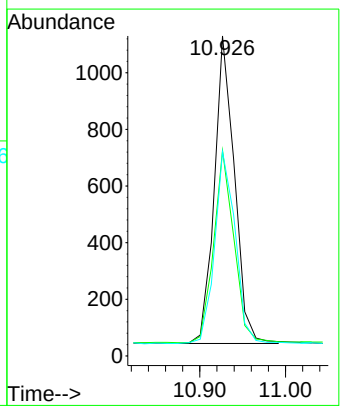




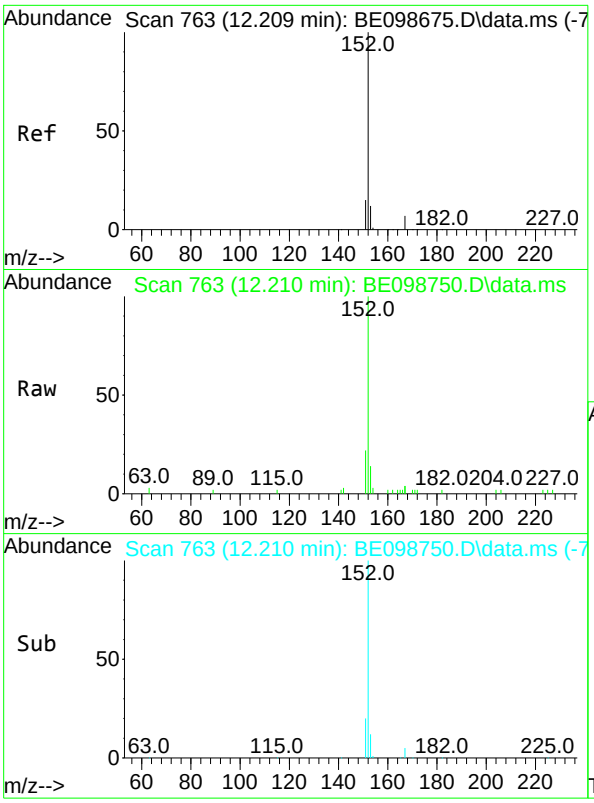
#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.926 min Scan# 674
Delta R.T. -0.013 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:225 Resp: 1773

Ion	Ratio	Lower	Upper
225	100		
223	62.7	47.8	71.8
227	63.6	50.5	75.7



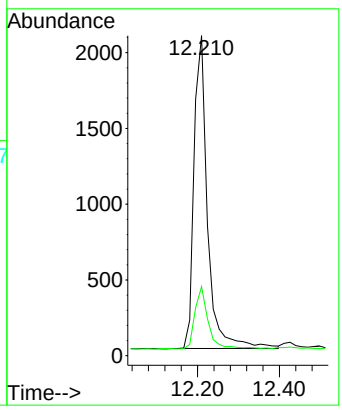
Instrument :
BNA_E
ClientSampleId :
PB117262BS

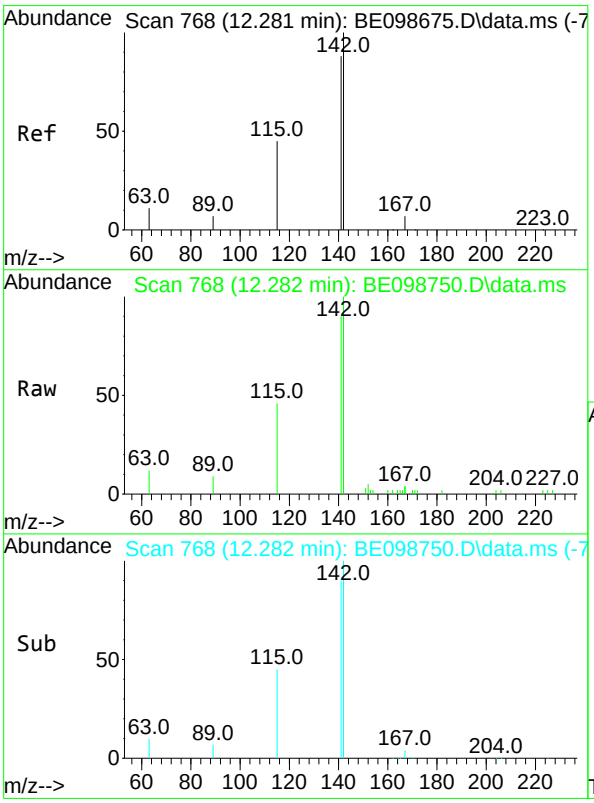


#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.210 min Scan# 763
Delta R.T. 0.001 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:152 Resp: 4727

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4

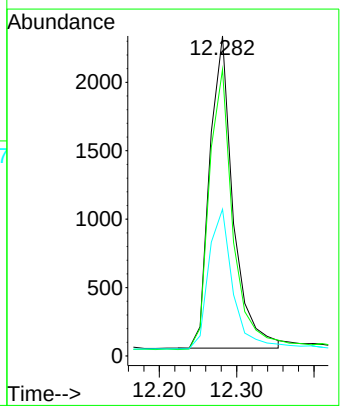




#12
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.282 min Scan# 768
Delta R.T. 0.001 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:142 Resp: 4791

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.0	105.0
115	45.9	35.2	52.8



Instrument :
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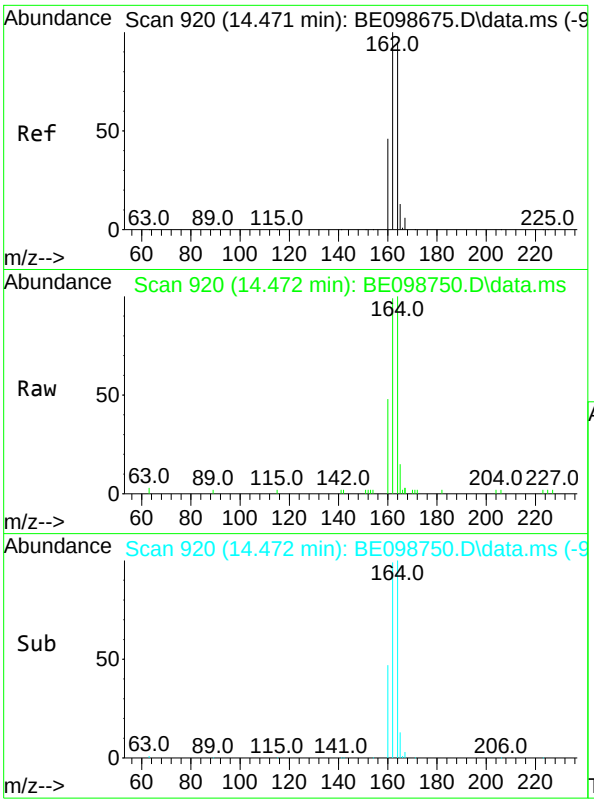
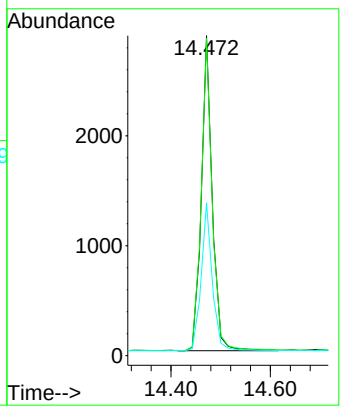
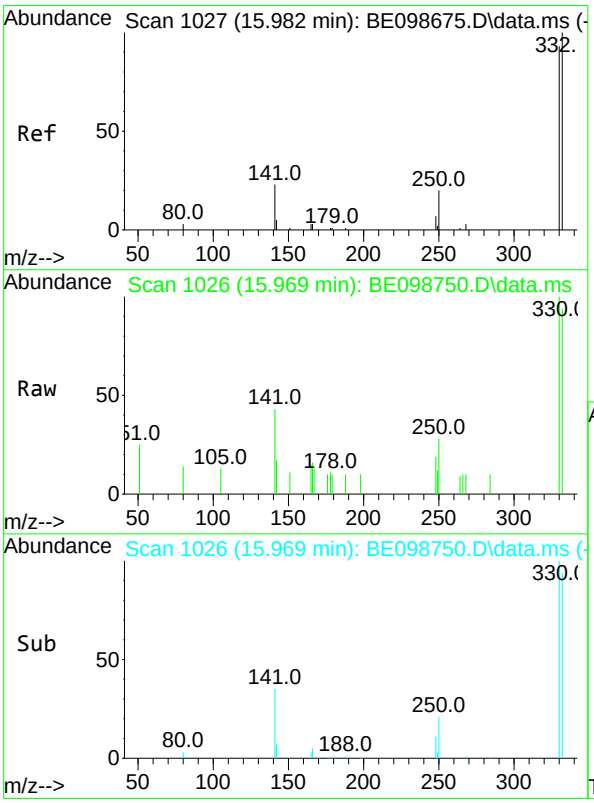


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.472 min Scan# 920
Delta R.T. 0.001 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:164 Resp: 4363

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.5	120.7
160	47.8	40.1	60.1

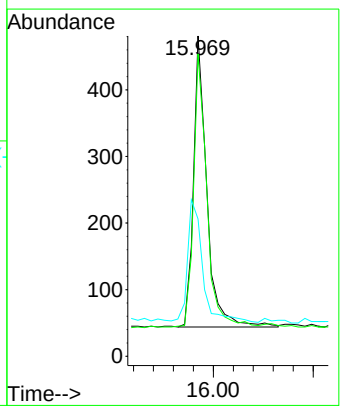




#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.969 min Scan# 1026
Delta R.T. -0.013 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:330 Resp: 814

Ion	Ratio	Lower	Upper
330	100		
332	92.5	73.3	109.9
141	46.9	33.1	49.7



Instrument :
BNA_E
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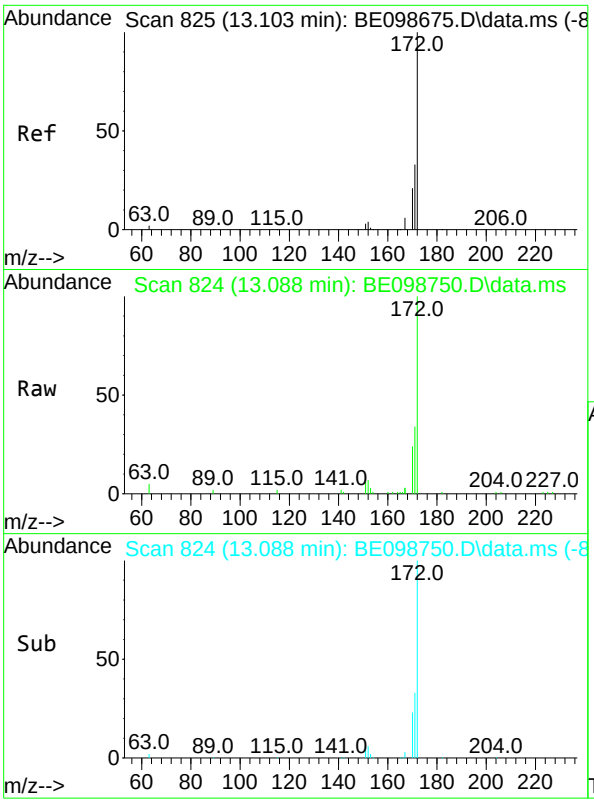
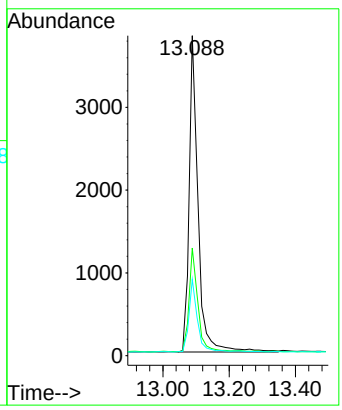
PB117262BS

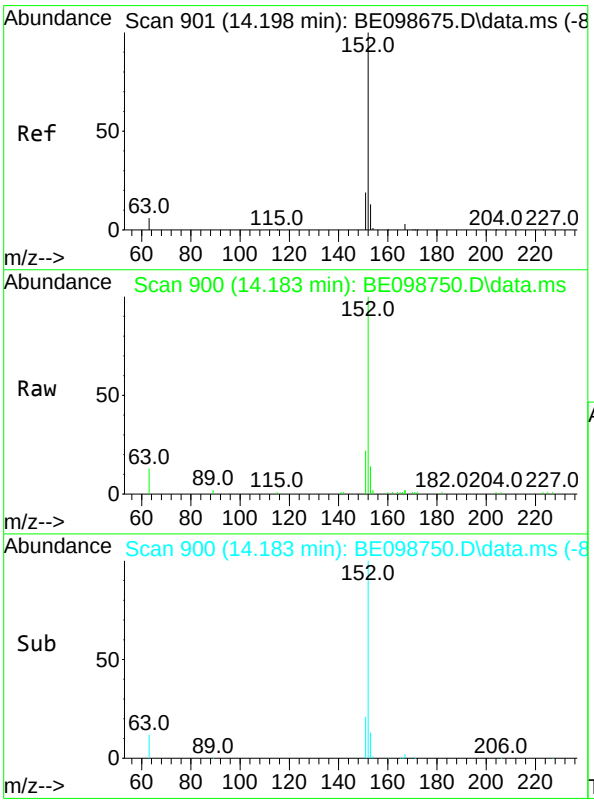


#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.088 min Scan# 824
Delta R.T. -0.015 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:172 Resp: 7159

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.0	43.4
170	23.8	20.8	31.2

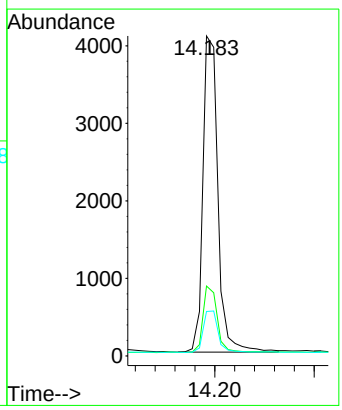




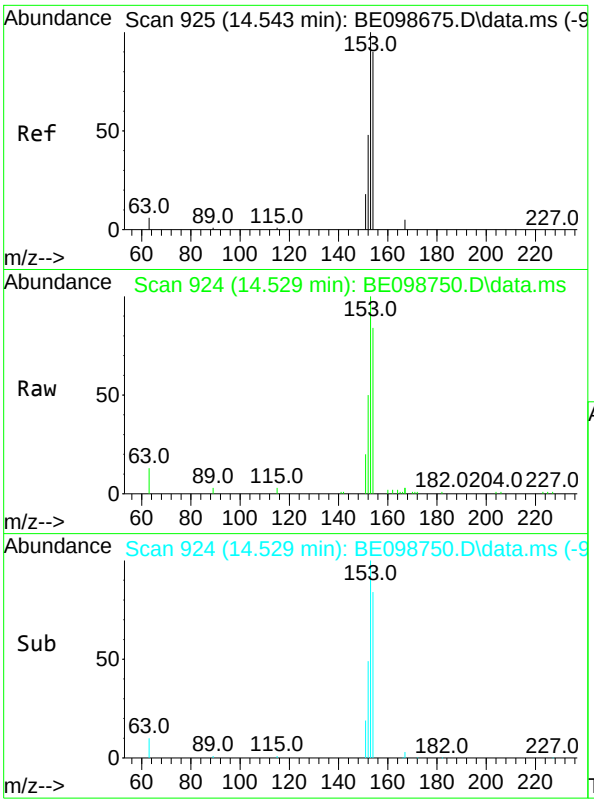
#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.183 min Scan# 900
Delta R.T. -0.015 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:152 Resp: 8554

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.1	10.7	16.1



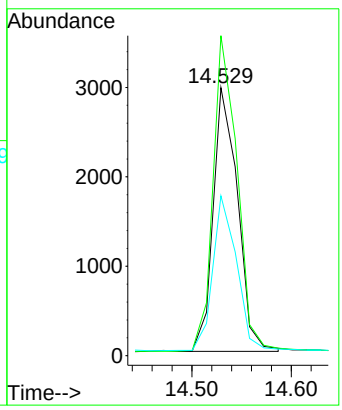
Instrument :
BNA_E
ClientSampleId :
PB117262BS

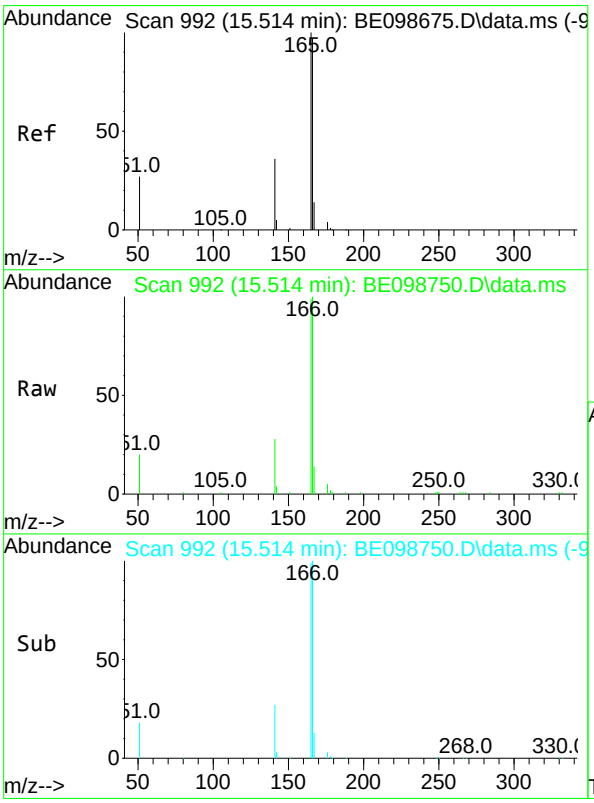


#17
Acenaphthene
Concen: 0.38 ng
RT: 14.529 min Scan# 924
Delta R.T. -0.014 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:154 Resp: 5035

Ion	Ratio	Lower	Upper
154	100		
153	117.9	93.9	140.9
152	57.2	45.8	68.8

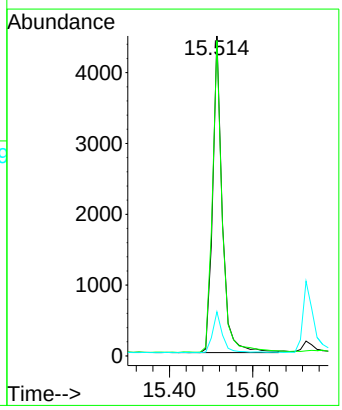




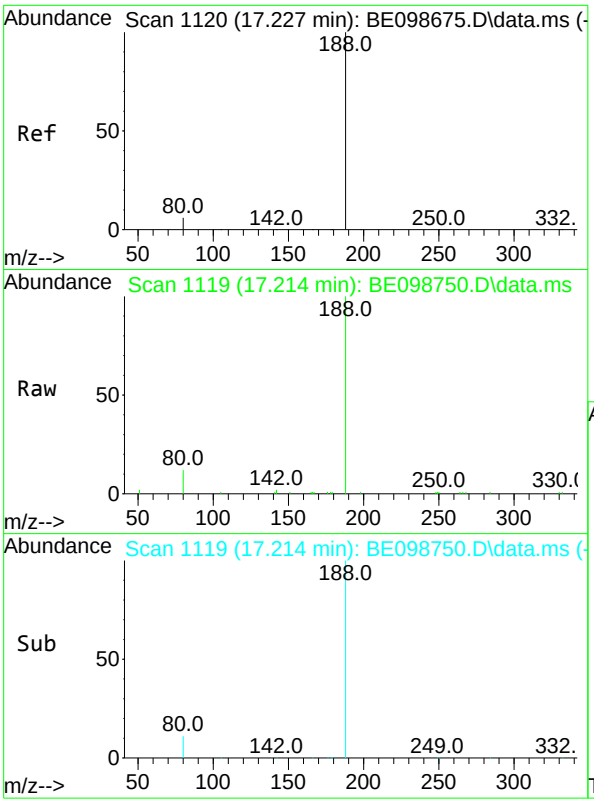
#18
Fluorene
Concen: 0.39 ng
RT: 15.514 min Scan# 992
Delta R.T. -0.000 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:166 Resp: 7097

Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.3	118.9
167	13.7	10.6	15.8



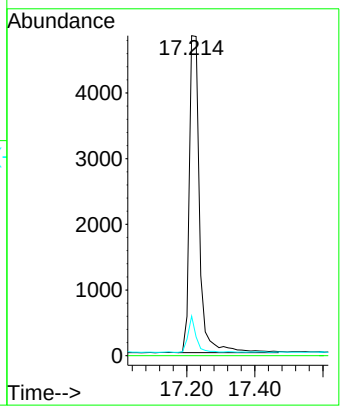
Instrument :
BNA_E
ClientSampleId :
PB117262BS

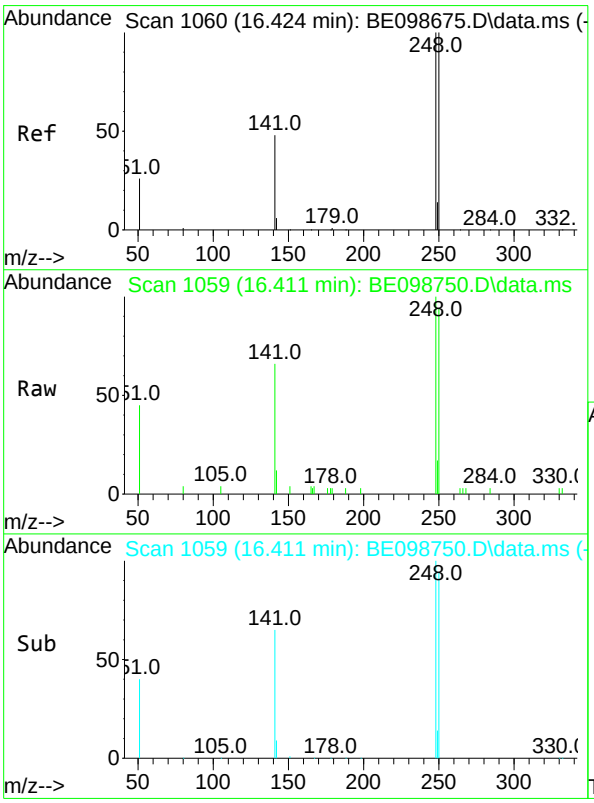


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.214 min Scan# 1119
Delta R.T. -0.013 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:188 Resp: 10107

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	4.7	7.1#

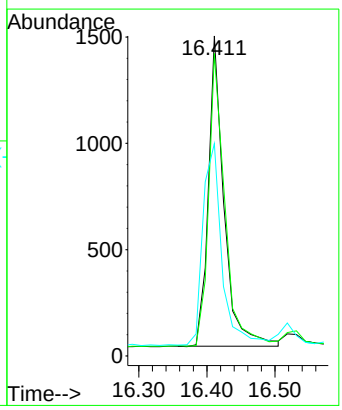




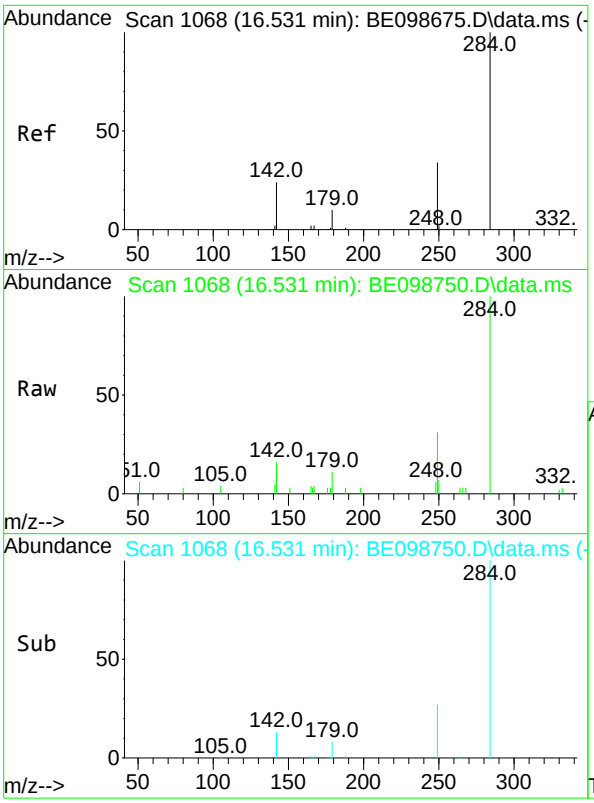
#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.411 min Scan# 1059
Delta R.T. -0.013 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:248 Resp: 2335

Ion	Ratio	Lower	Upper
248	100		
250	94.5	80.2	120.4
141	66.4	60.5	90.7



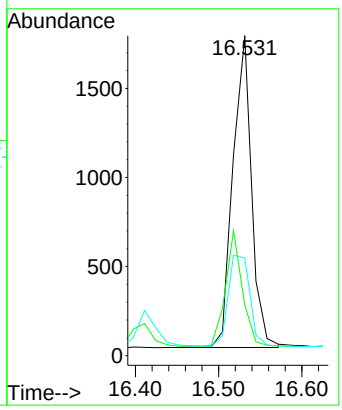
Instrument :
BNA_E
ClientSampleId :
PB117262BS

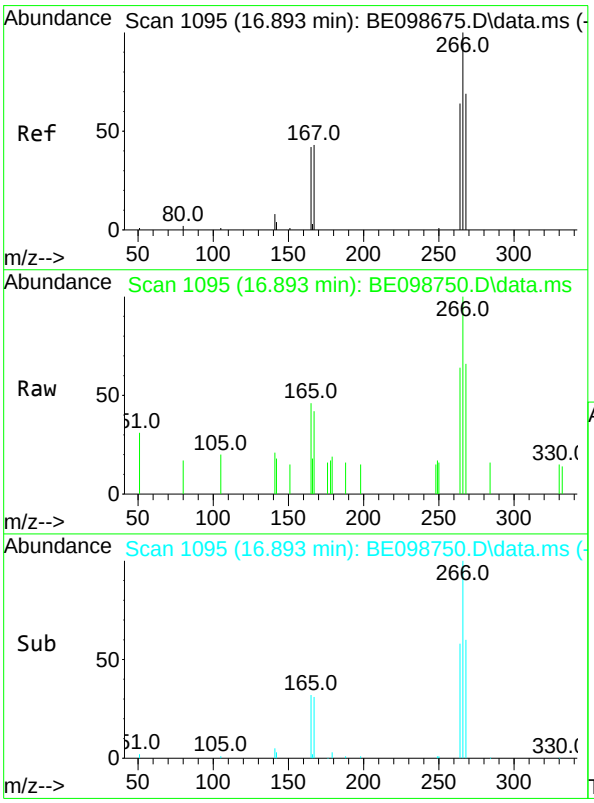


#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.531 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:284 Resp: 2708

Ion	Ratio	Lower	Upper
284	100		
142	33.5	25.5	38.3
249	33.6	26.6	39.8

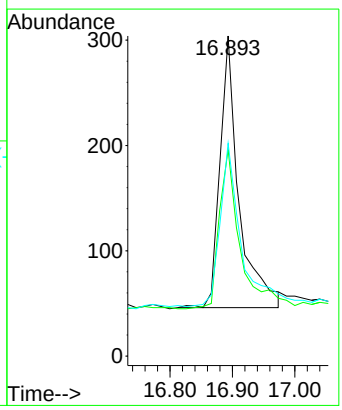




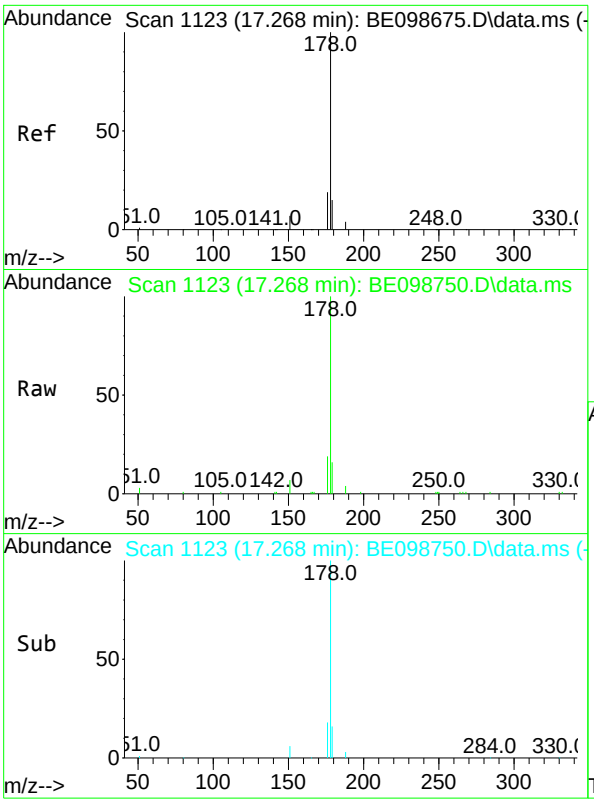
#22
Pentachlorophenol
Concen: 0.30 ng
RT: 16.893 min Scan# 1095
Delta R.T. -0.000 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:266 Resp: 544

Ion	Ratio	Lower	Upper
266	100		
264	64.5	53.7	80.5
268	66.4	59.8	89.8



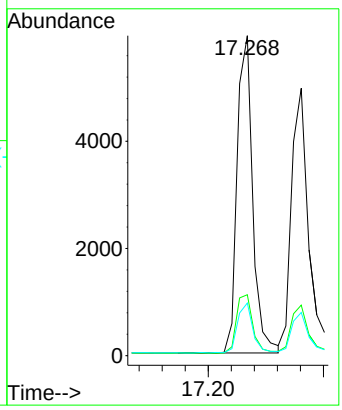
Instrument :
BNA_E
ClientSampleId :
PB117262BS

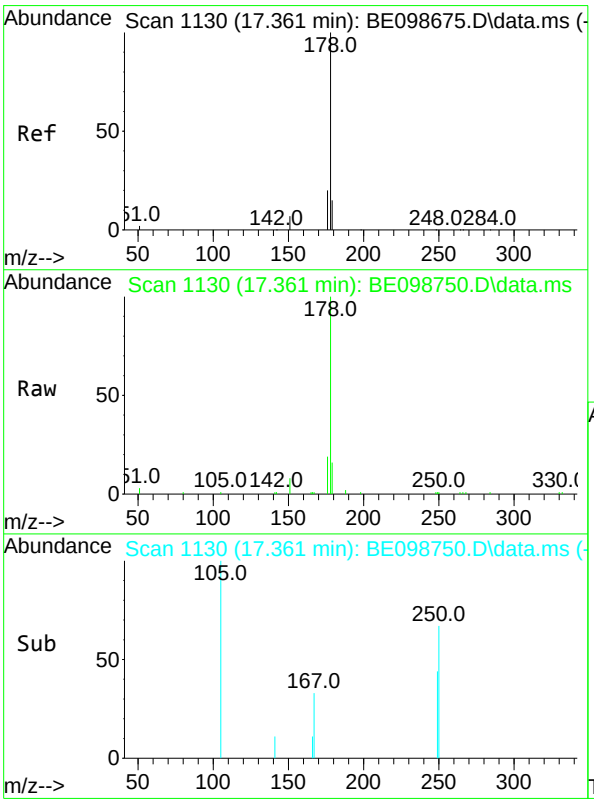


#23
Phenanthrene
Concen: 0.40 ng
RT: 17.268 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:178 Resp: 11145

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.6	12.2	18.4

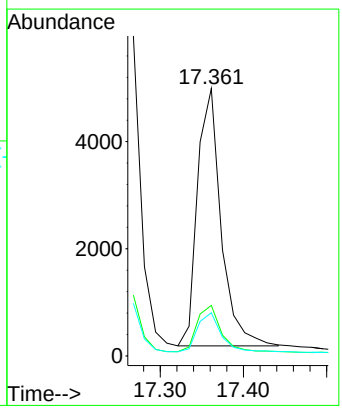




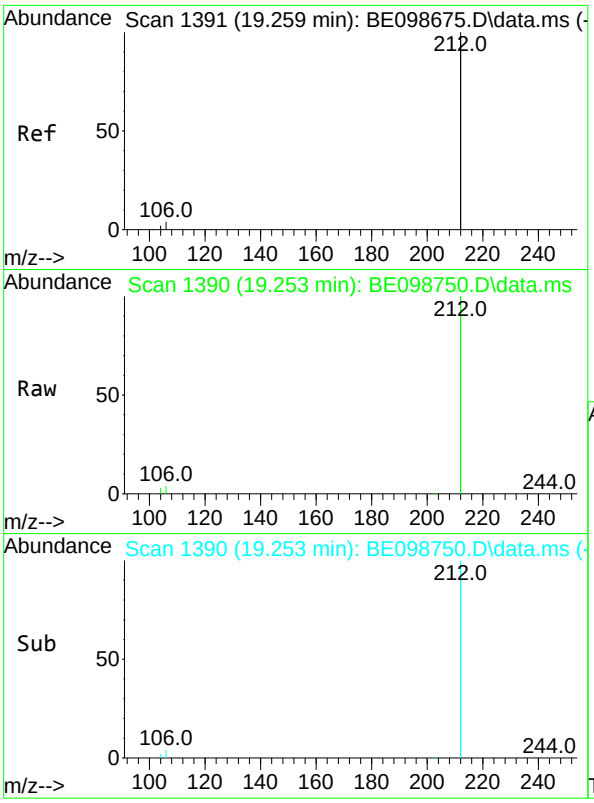
#24
Anthracene
Concen: 0.41 ng
RT: 17.361 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:178 Resp: 9475

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.9	22.3
179	15.1	11.8	17.8



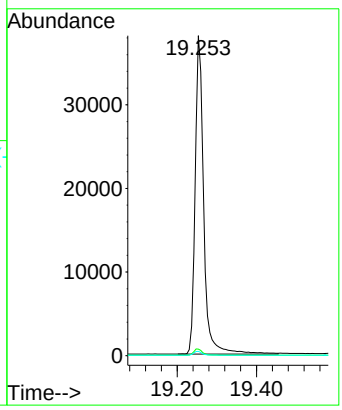
Instrument :
BNA_E
ClientSampleId :
PB117262BS

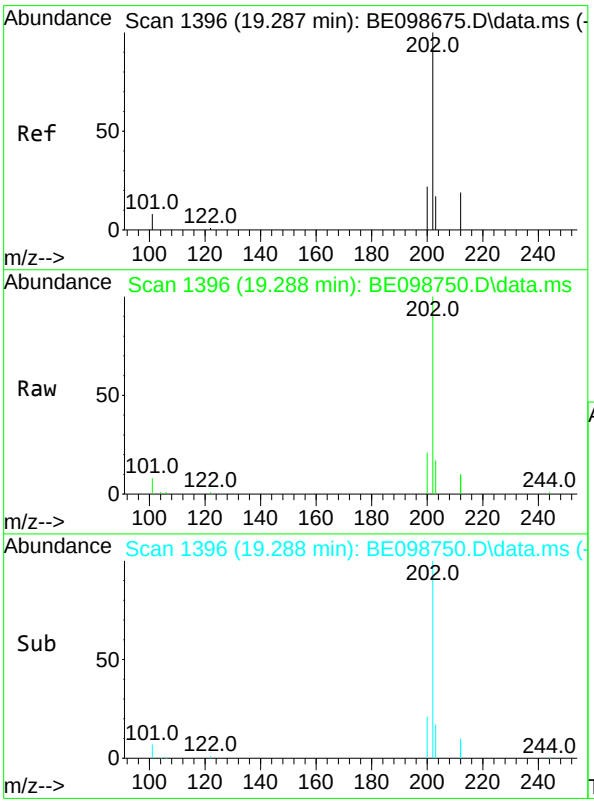


#25
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.253 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:212 Resp: 57026

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.7	2.5
104	1.2	1.0	1.6

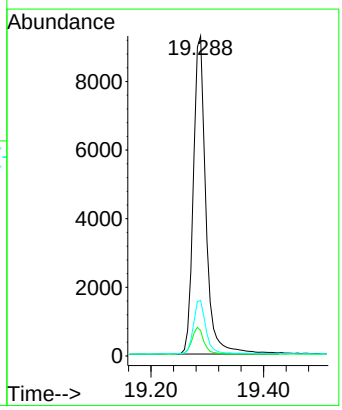




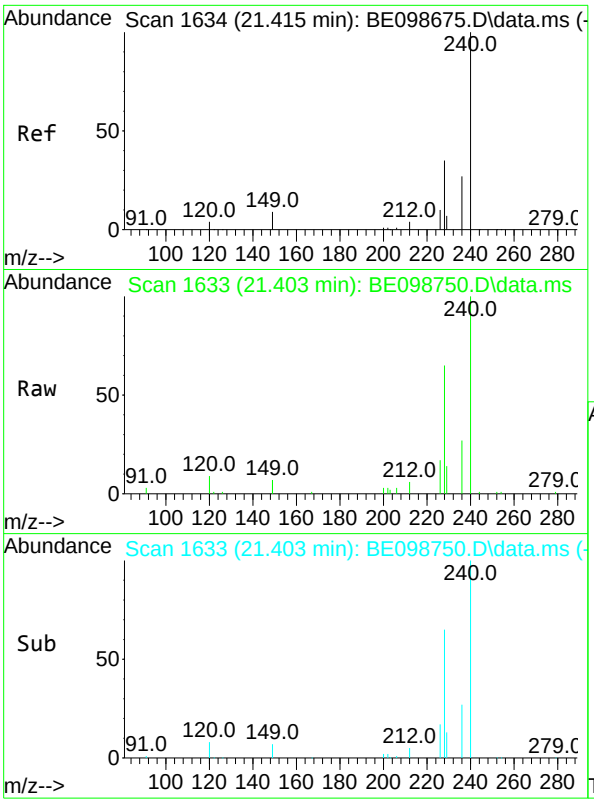
#26
Fluoranthene
Concen: 0.40 ng
RT: 19.288 min Scan# 1396
Delta R.T. 0.001 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:202 Resp: 14339

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.7	10.1
203	16.6	13.3	19.9



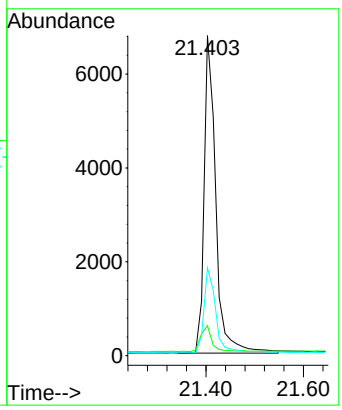
Instrument :
BNA_E
ClientSampleId :
PB117262BS

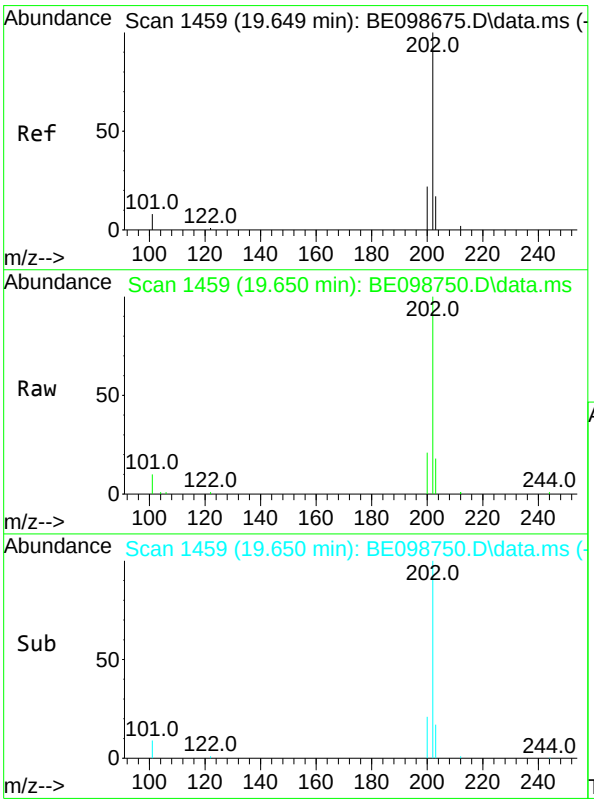


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.403 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:240 Resp: 11314

Ion	Ratio	Lower	Upper
240	100		
120	9.3	4.7	7.1#
236	27.4	21.9	32.9

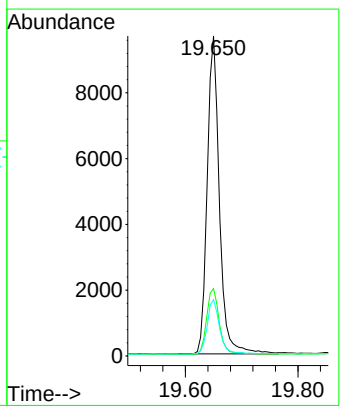




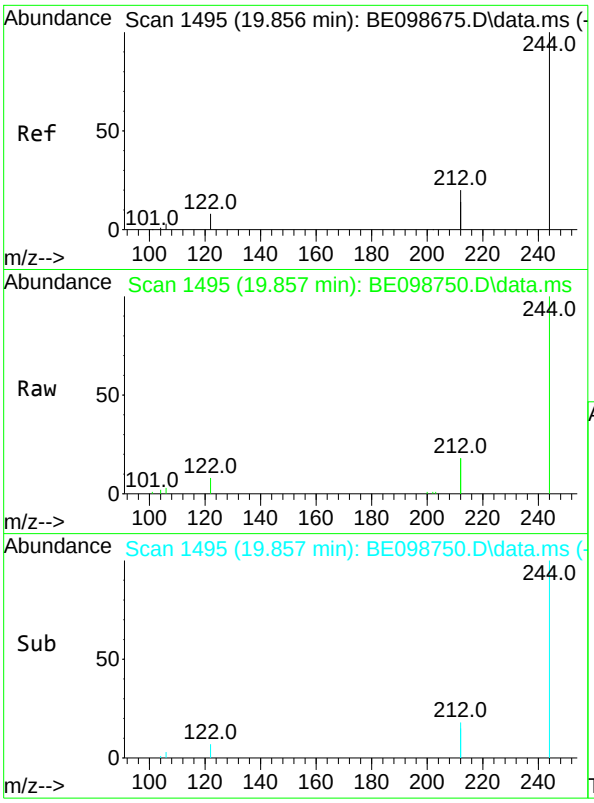
#28
Pyrene
Concen: 0.40 ng
RT: 19.650 min Scan# 1459
Delta R.T. 0.001 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:202 Resp: 14509

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.3	13.8	20.8



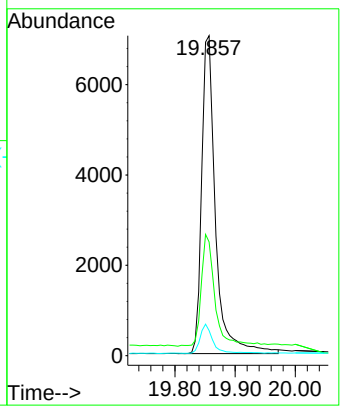
Instrument :
BNA_E
ClientSampleId :
PB117262BS

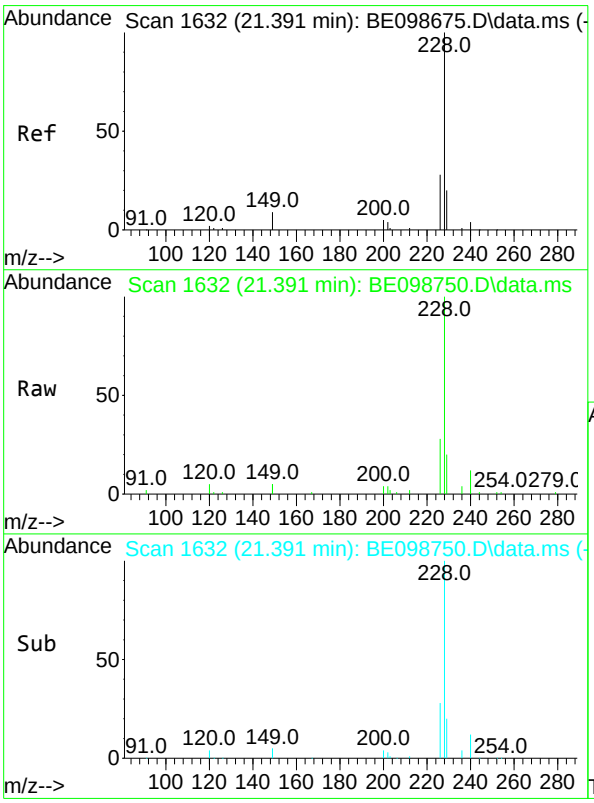


#29
Terphenyl-d14
Concen: 0.40 ng
RT: 19.857 min Scan# 1495
Delta R.T. 0.001 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:244 Resp: 11238

Ion	Ratio	Lower	Upper
244	100		
212	35.5	29.4	44.2
122	7.8	7.1	10.7

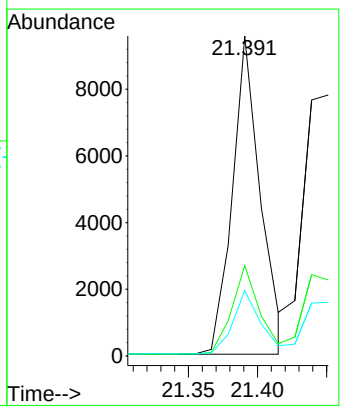




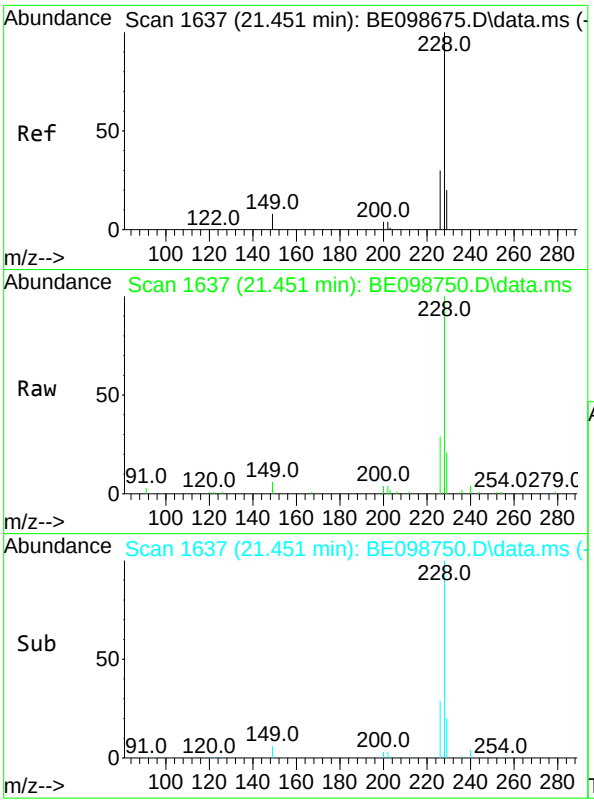
#30
Benzo(a)anthracene
Concen: 0.40 ng
RT: 21.391 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:228 Resp: 13487

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	20.4	15.0	22.6



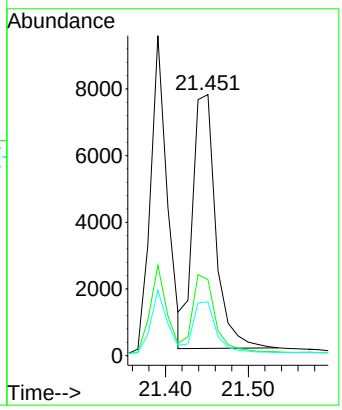
Instrument :
BNA_E
ClientSampleId :
PB117262BS

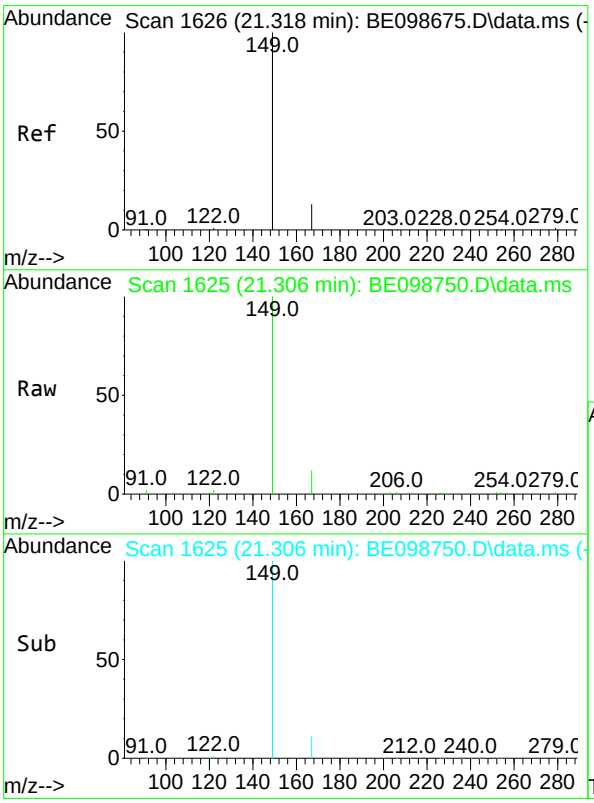


#31
Chrysene
Concen: 0.40 ng
RT: 21.451 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:228 Resp: 14749

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.6	36.8
229	20.6	16.4	24.6

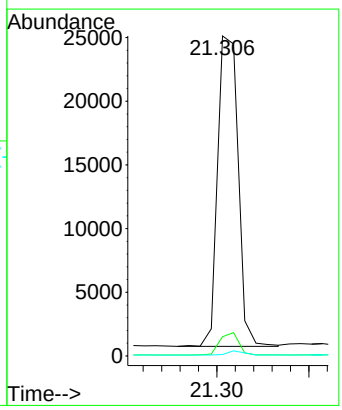




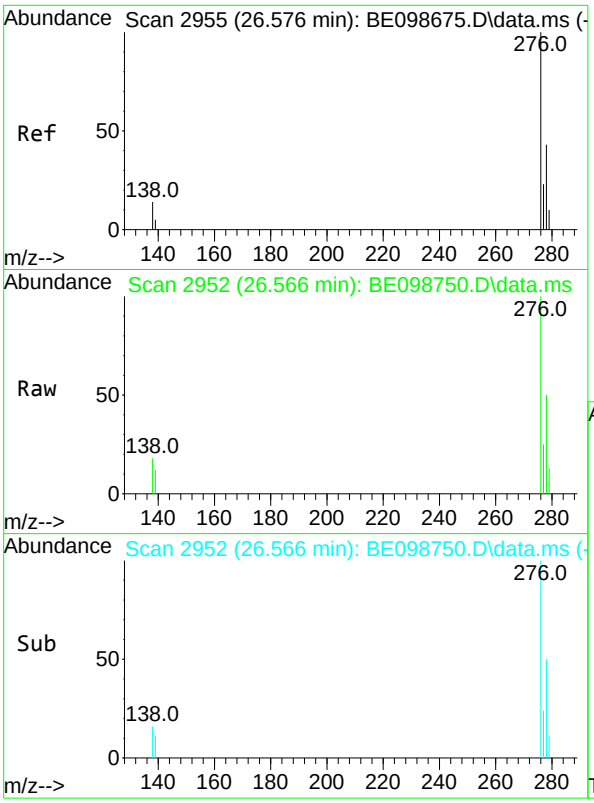
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.60 ng
RT: 21.306 min Scan# 1625
Delta R.T. -0.012 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:149 Resp: 37769

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.2
279	1.2	1.0	1.4



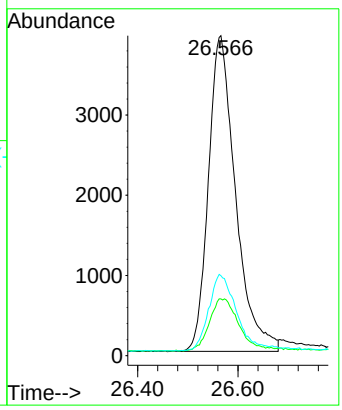
Instrument :
BNA_E
ClientSampleId :
PB117262BS

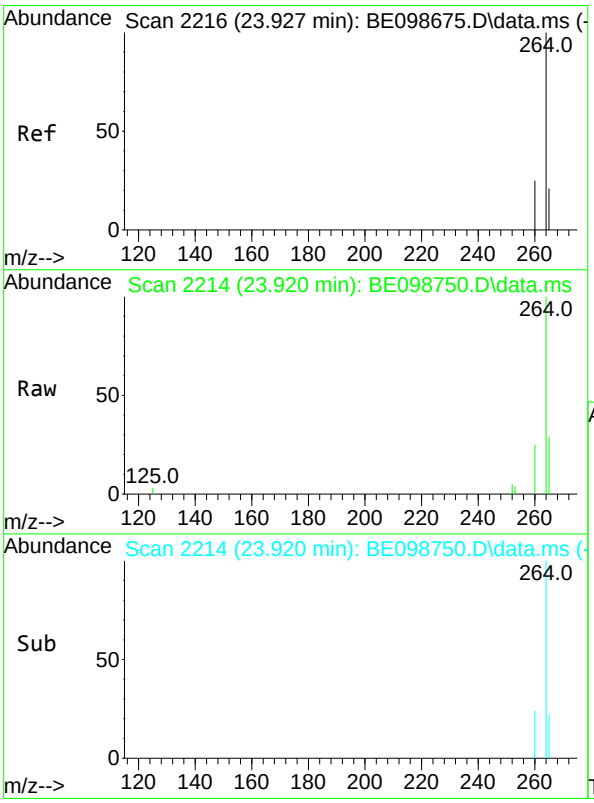


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 26.566 min Scan# 2952
Delta R.T. -0.010 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:276 Resp: 14765

Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.3	19.9
277	24.6	19.4	29.0

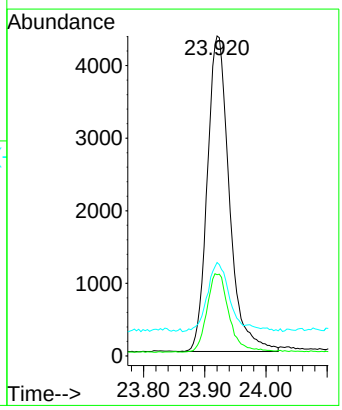




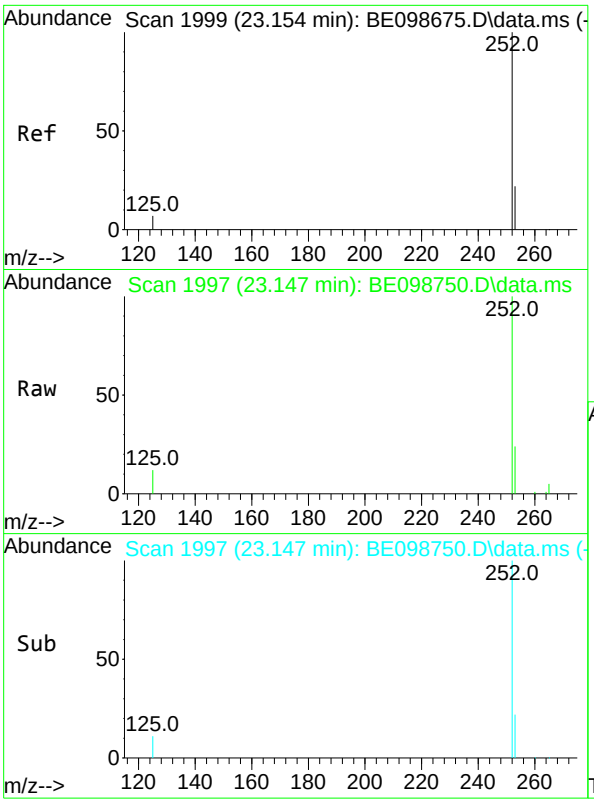
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.920 min Scan# 2214
Delta R.T. -0.007 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:264 Resp: 10897

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	29.2	22.3	33.5



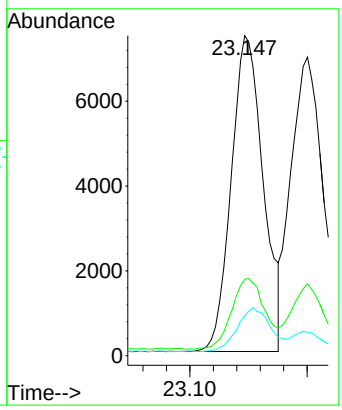
Instrument :
BNA_E
ClientSampleId :
PB117262BS

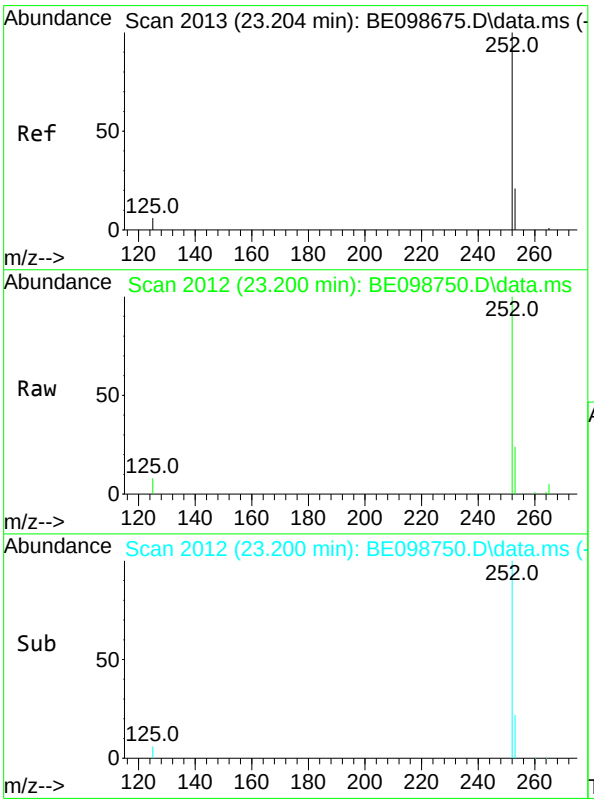


#35
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 23.147 min Scan# 1997
Delta R.T. -0.007 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:252 Resp: 14166

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.0
125	12.5	8.2	12.4#

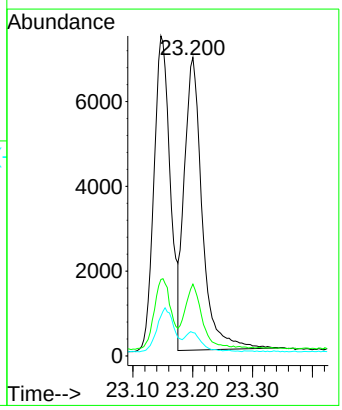




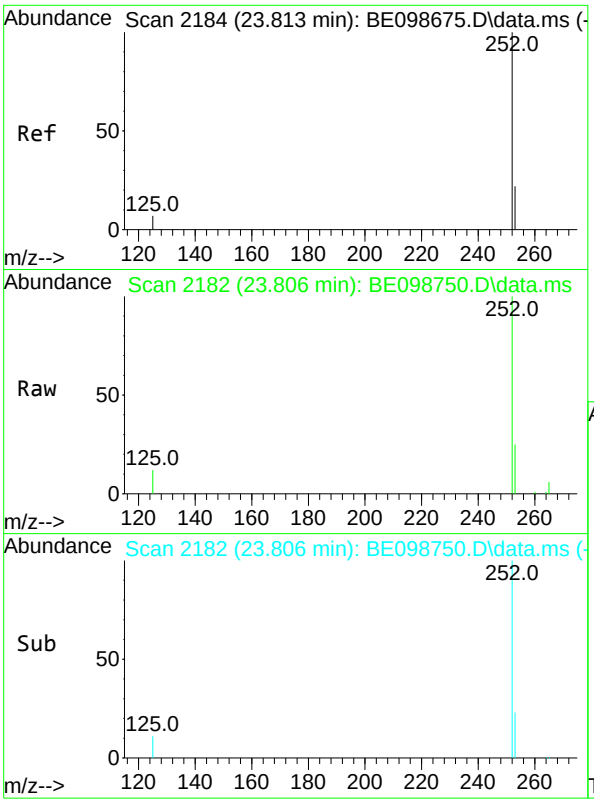
#36
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.200 min Scan# 2012
Delta R.T. -0.003 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:252 Resp: 14371

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.4
125	7.8	7.0	10.4



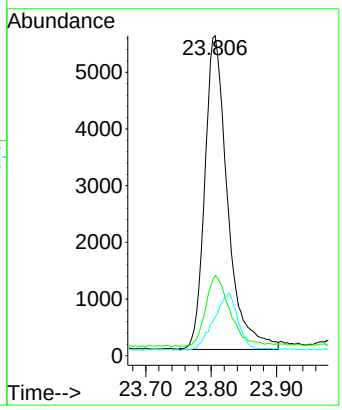
Instrument :
BNA_E
ClientSampleId :
PB117262BS

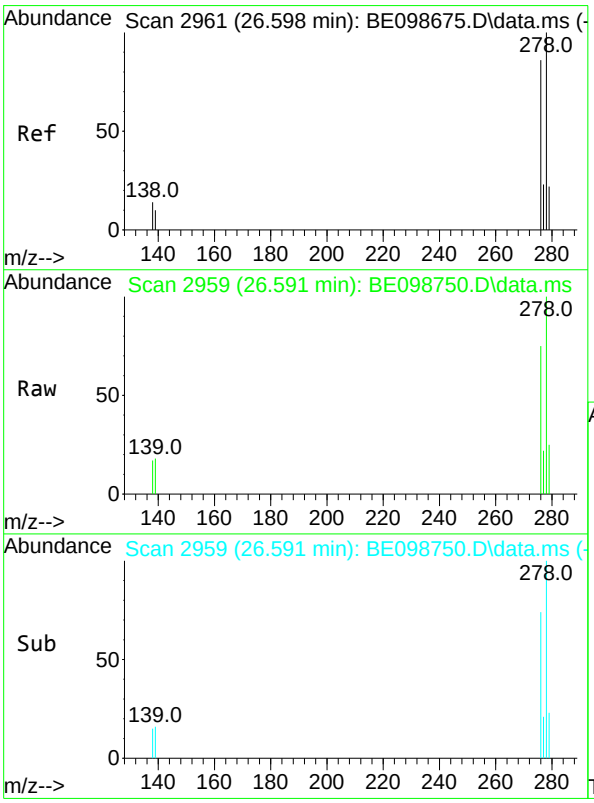


#37
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.806 min Scan# 2182
Delta R.T. -0.007 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:252 Resp: 13409

Ion	Ratio	Lower	Upper
252	100		
253	25.0	21.0	31.4
125	12.1	9.2	13.8

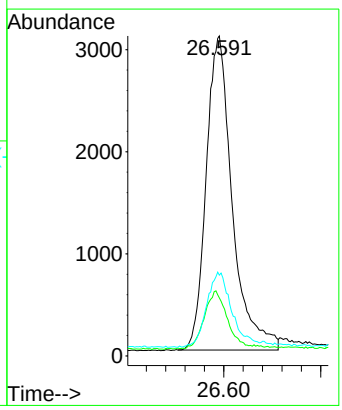


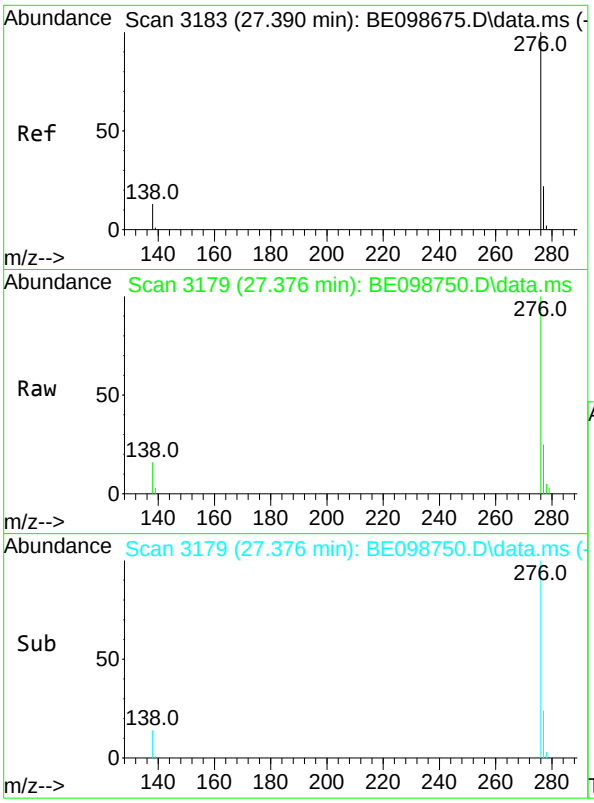


#38
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.591 min Scan# 2959
Delta R.T. -0.007 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:278 Resp: 11500

Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.7	19.1
279	25.2	22.0	33.0

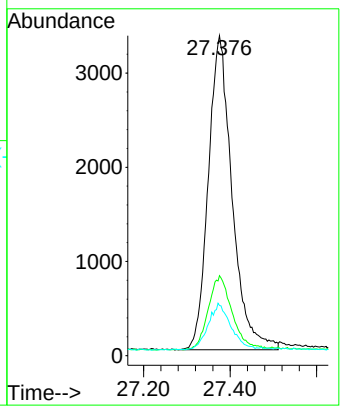




#39
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.376 min Scan# 3179
Delta R.T. -0.014 min
Lab File: BE098750.D
Acq: 21 Feb 2019 16:15

Tgt Ion:276 Resp: 12753

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.3	30.5
138	15.7	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
PB117262BS