Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098757.D
Acq On : 26 Feb 2019 12:41
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Feb 26 13:22:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE022619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 10:49:04 2015
Response via : Initial Calibration

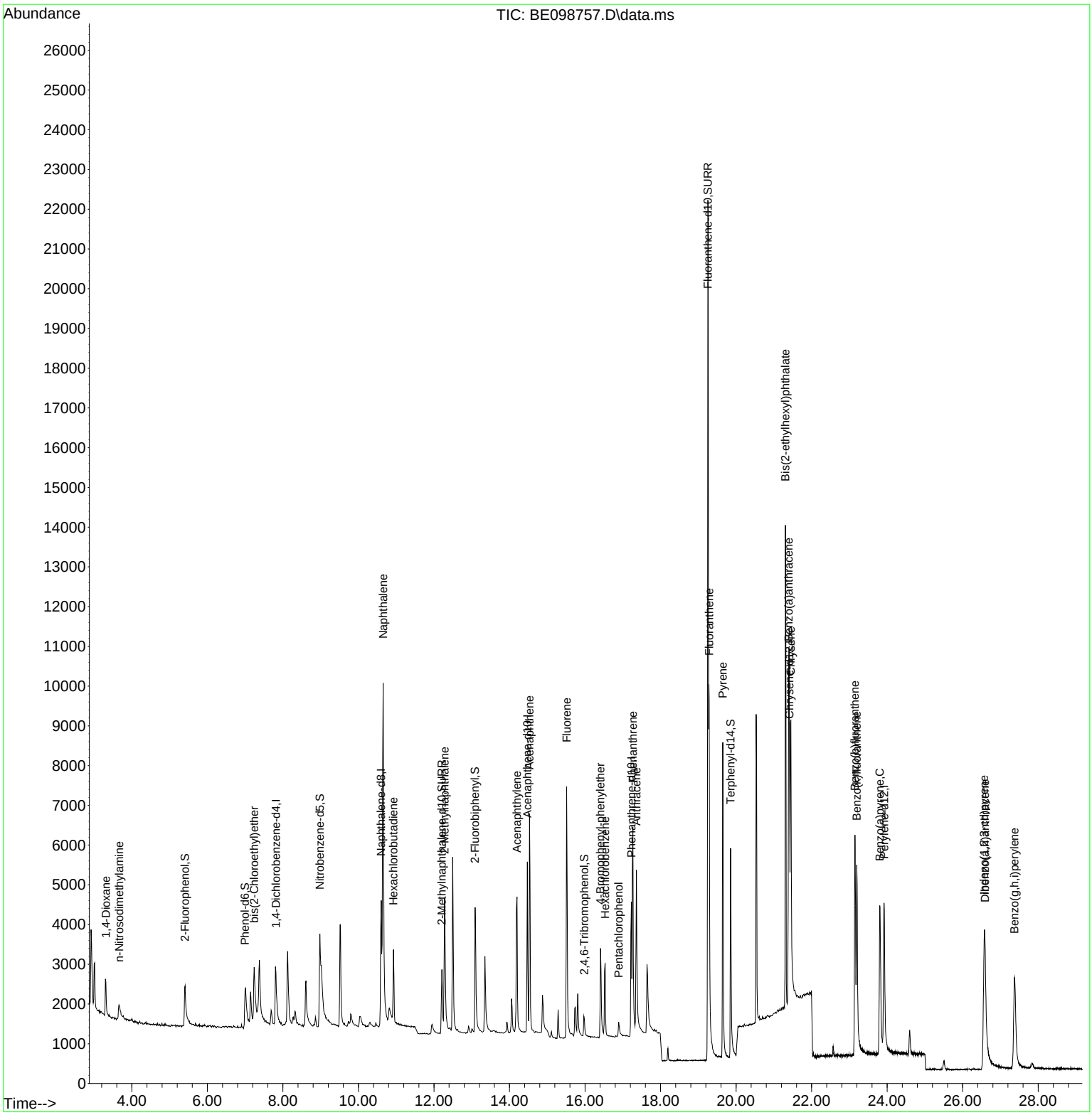
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.815	152	949	0.40	ng		0.01
7) Naphthalene-d8	10.602	136	4179	0.40	ng		0.00
13) Acenaphthene-d10	14.472	164	2586	0.40	ng		0.00
19) Phenanthrene-d10	17.227	188	6289	0.40	ng	#	0.00
27) Chrysene-d12	21.415	240	6865	0.40	ng		0.00
34) Perylene-d12	23.921	264	6594	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.408	112	967	0.38	ng		0.01
5) Phenol-d6	6.998	99	1439	0.40	ng		0.00
8) Nitrobenzene-d5	8.978	82	1564	0.47	ng		0.01
11) 2-Methylnaphthalene-d10	12.210	152	2988	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	413	0.37	ng		0.01
15) 2-Fluorobiphenyl	13.089	172	4368	0.41	ng		0.00
25) Fluoranthene-d10	19.253	212	34694	0.45	ng		0.00
29) Terphenyl-d14	19.857	244	6537	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	648	0.35	ng		97
3) n-Nitrosodimethylamine	3.669	42	634	0.46	ng	#	85
6) bis(2-Chloroethyl)ether	7.240	93	1056	0.39	ng		85
9) Naphthalene	10.654	128	18533	0.45	ng		100
10) Hexachlorobutadiene	10.927	225	1237	0.42	ng		97
12) 2-Methylnaphthalene	12.282	142	2871	0.42	ng		94
16) Acenaphthylene	14.198	152	5079	0.45	ng		98
17) Acenaphthene	14.529	154	3092	0.44	ng		99
18) Fluorene	15.514	166	4175	0.46	ng		97
20) 4-Bromophenyl-phenylether	16.411	248	1313	0.39	ng	#	84
21) Hexachlorobenzene	16.531	284	1700	0.42	ng		95
22) Pentachlorophenol	16.893	266	312	0.27	ng	#	89
23) Phenanthrene	17.268	178	6633	0.45	ng		100
24) Anthracene	17.361	178	5189	0.41	ng		97
26) Fluoranthene	19.288	202	8536	0.45	ng		99
28) Pyrene	19.650	202	8683	0.46	ng		99
30) Benzo(a)anthracene	21.391	228	7261	0.39	ng		97
31) Chrysene	21.451	228	9014	0.47	ng		98
32) Bis(2-ethylhexyl)phtha...	21.306	149	15353	0.39	ng		99
33) Indeno(1,2,3-cd)pyrene	26.570	276	7298	0.37	ng		99
35) Benzo(b)fluoranthene	23.147	252	8220m	0.46	ng		
36) Benzo(k)fluoranthene	23.197	252	8461	0.43	ng		98
37) Benzo(a)pyrene	23.807	252	7455	0.42	ng	#	97
38) Dibenzo(a,h)anthracene	26.595	278	4597	0.29	ng		96
39) Benzo(g,h,i)perylene	27.373	276	7063	0.41	ng		99

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

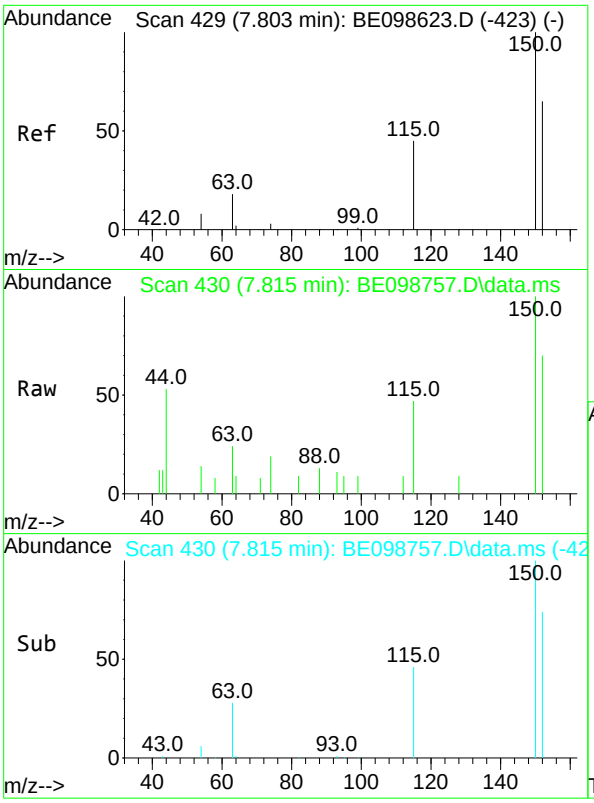
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098757.D
Acq On : 26 Feb 2019 12:41
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Feb 26 13:22:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE022619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 10:49:04 2015
Response via : Initial Calibration



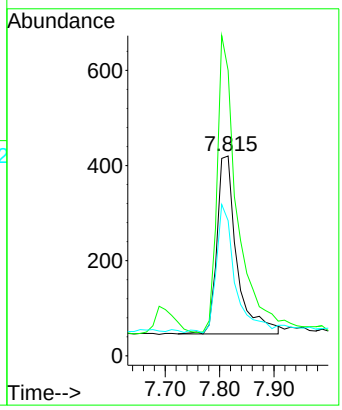
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

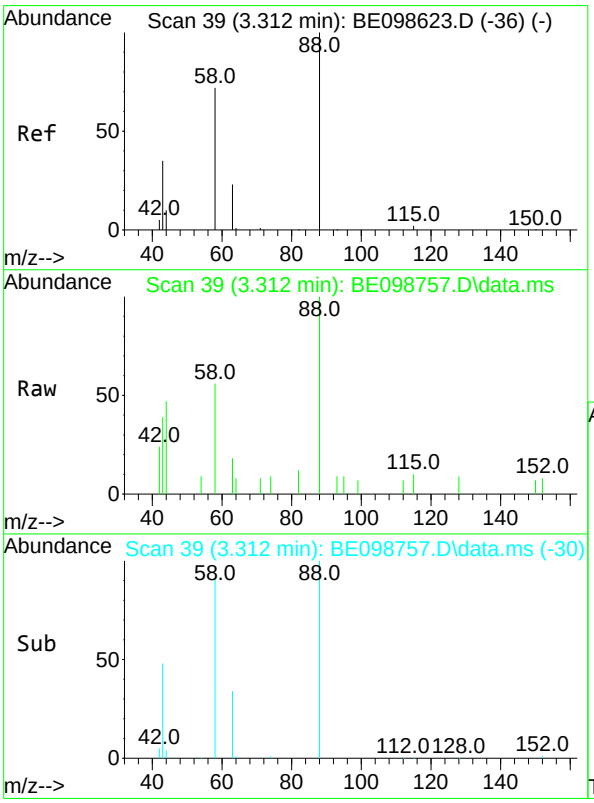


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.815 min Scan# 430
Delta R.T. 0.012 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:152 Resp: 949

Ion	Ratio	Lower	Upper
152	100		
150	142.9	121.4	182.2
115	67.6	59.1	88.7

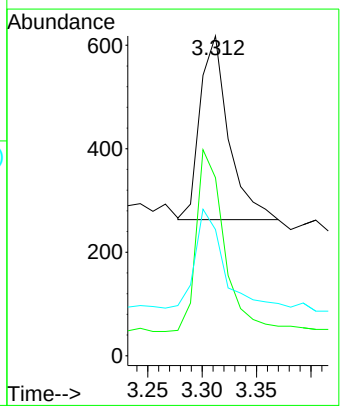




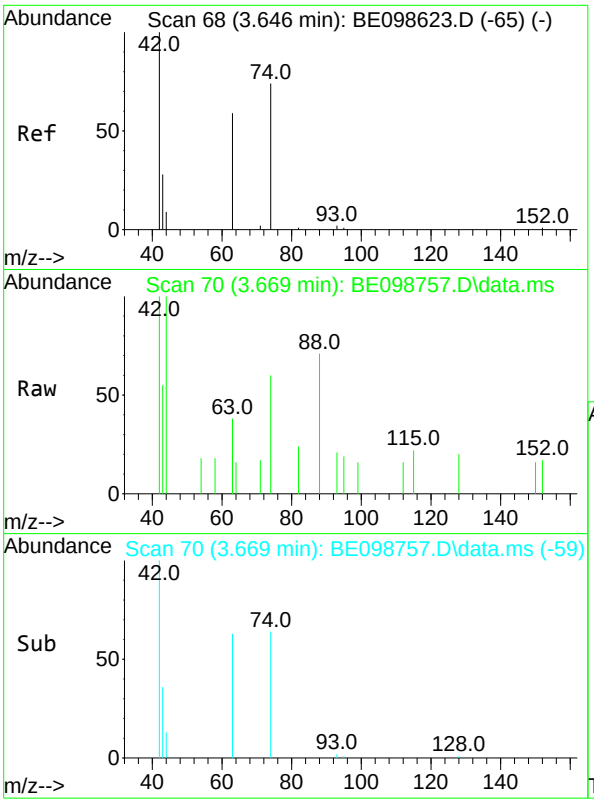
#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.312 min Scan# 39
Delta R.T. 0.001 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion: 88 Resp: 648

Ion	Ratio	Lower	Upper
88	100		
58	96.5	73.9	110.9
43	53.1	43.7	65.5



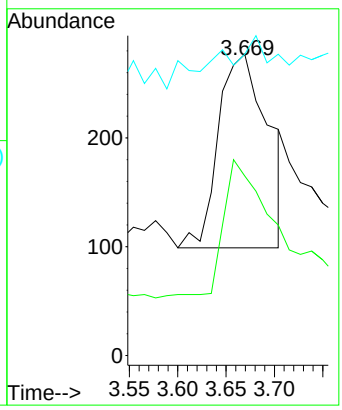
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

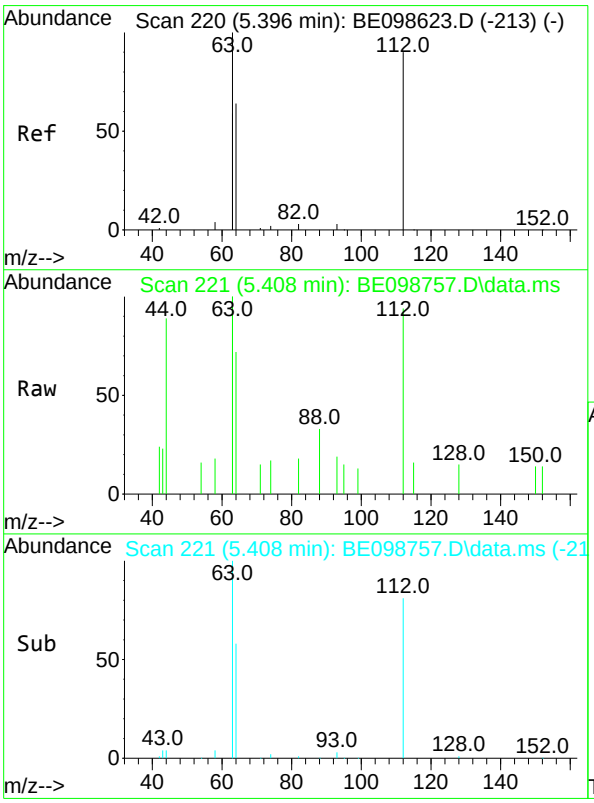


#3
n-Nitrosodimethylamine
Concen: 0.46 ng
RT: 3.669 min Scan# 70
Delta R.T. 0.024 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion: 42 Resp: 634

Ion	Ratio	Lower	Upper
42	100		
74	61.4	58.9	88.3
44	0.0	0.0	0.0

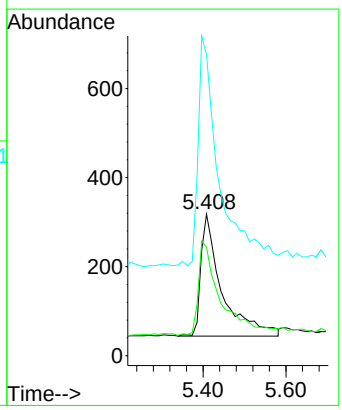




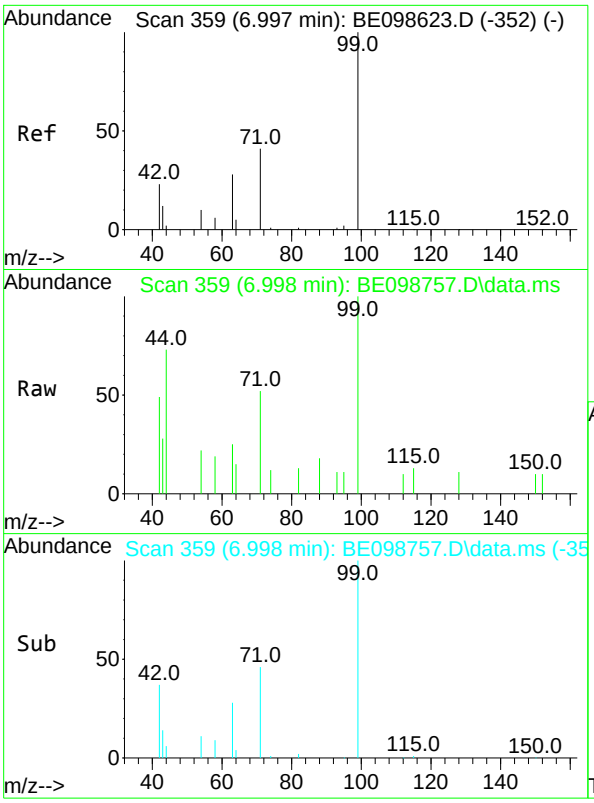
#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.408 min Scan# 221
Delta R.T. 0.012 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:112 Resp: 967

Ion	Ratio	Lower	Upper
112	100		
64	86.0	62.9	94.3
63	194.1	152.2	228.4



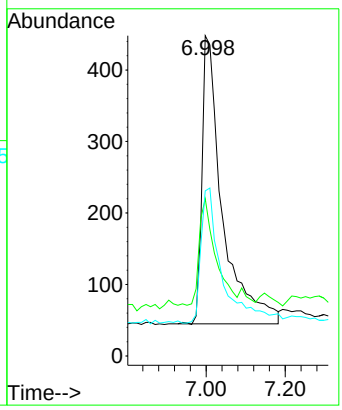
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

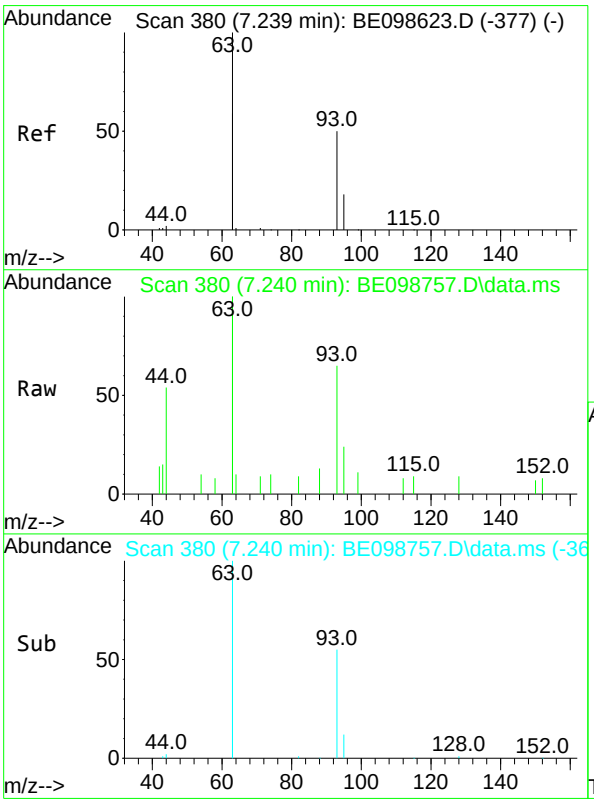


#5
Phenol-d6
Concen: 0.40 ng
RT: 6.998 min Scan# 359
Delta R.T. 0.001 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion: 99 Resp: 1439

Ion	Ratio	Lower	Upper
99	100		
42	29.8	24.6	37.0
71	49.1	35.1	52.7

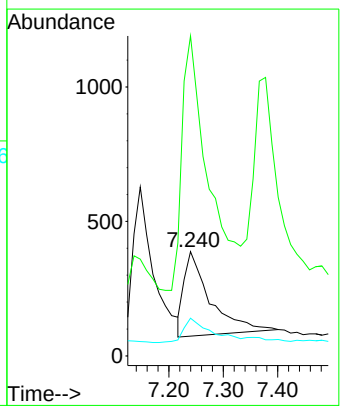




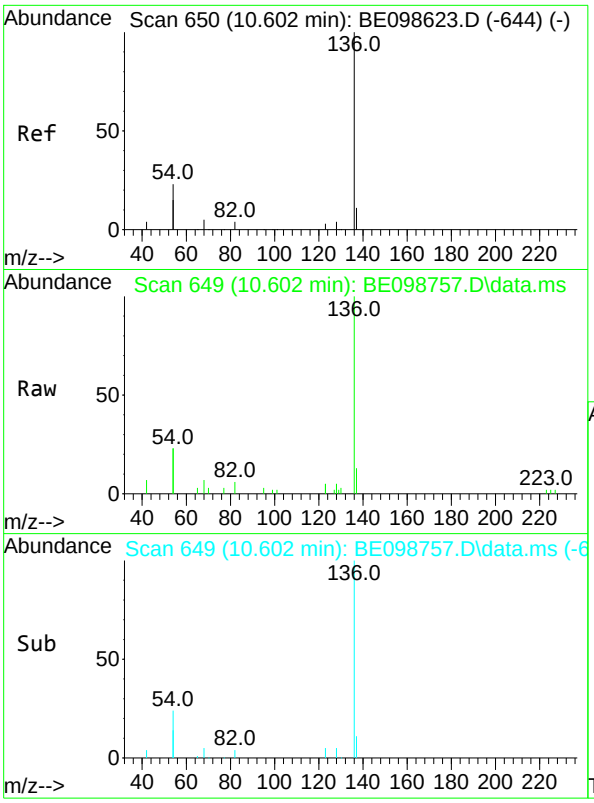
#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.240 min Scan# 380
Delta R.T. 0.001 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion: 93 Resp: 1056

Ion	Ratio	Lower	Upper
93	100		
63	301.4	267.3	400.9
95	29.5	26.2	39.4



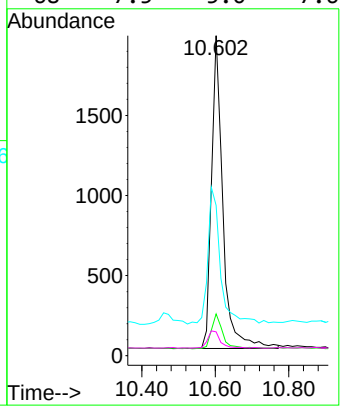
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

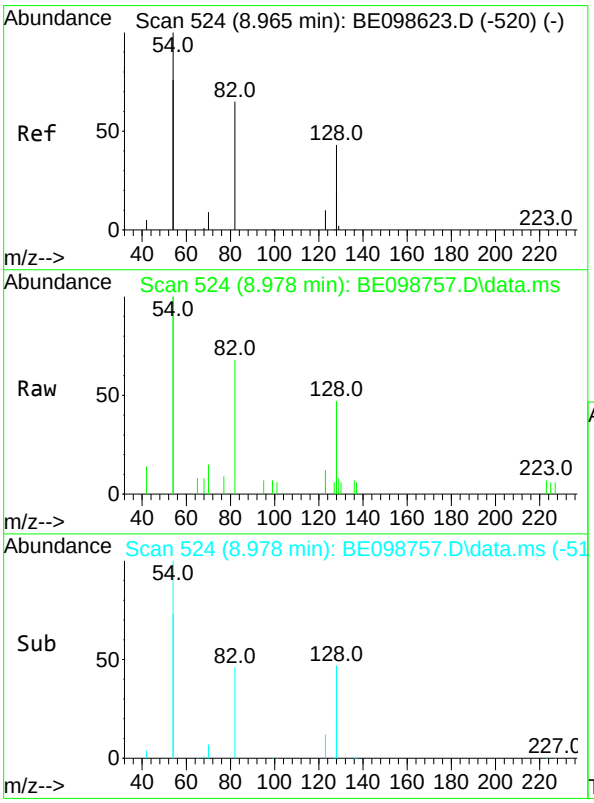


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 649
Delta R.T. 0.000 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:136 Resp: 4179

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.7	14.5
54	46.9	35.5	53.3
68	7.5	5.0	7.6

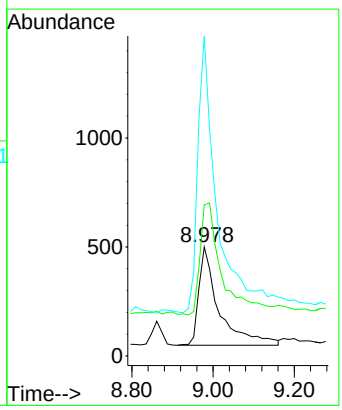




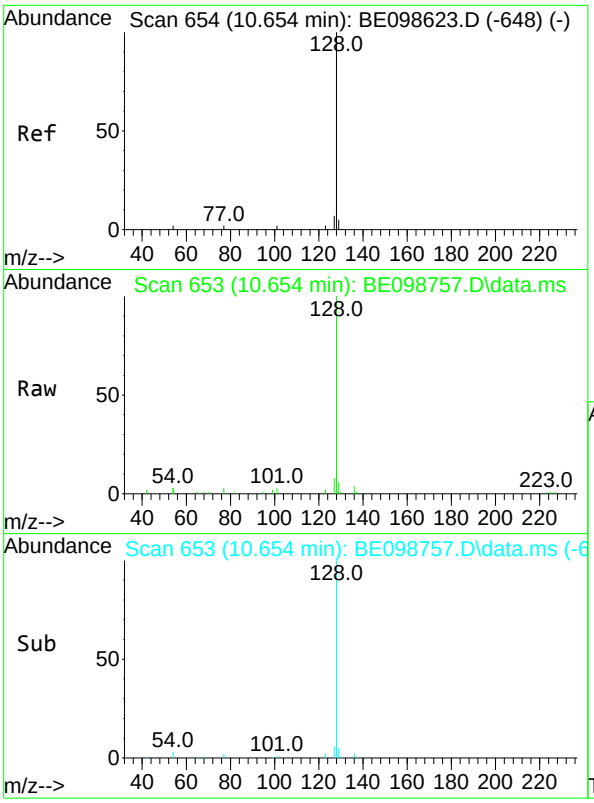
#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.013 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion: 82 Resp: 1564

Ion	Ratio	Lower	Upper
82	100		
128	138.8	96.5	144.7
54	293.6	224.7	337.1



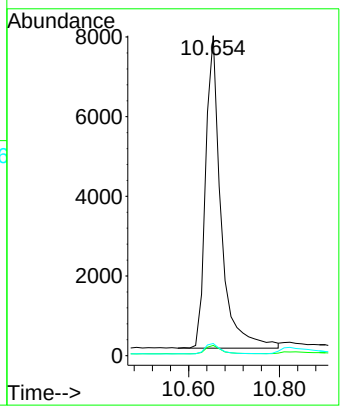
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

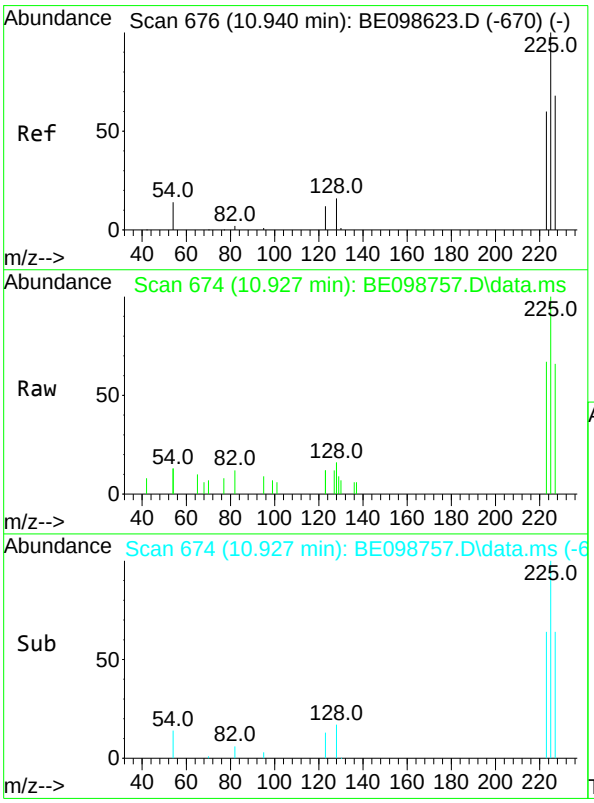


#9
Naphthalene
Concen: 0.45 ng
RT: 10.654 min Scan# 653
Delta R.T. 0.000 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:128 Resp: 18533

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

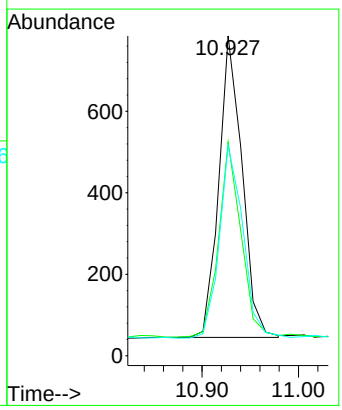




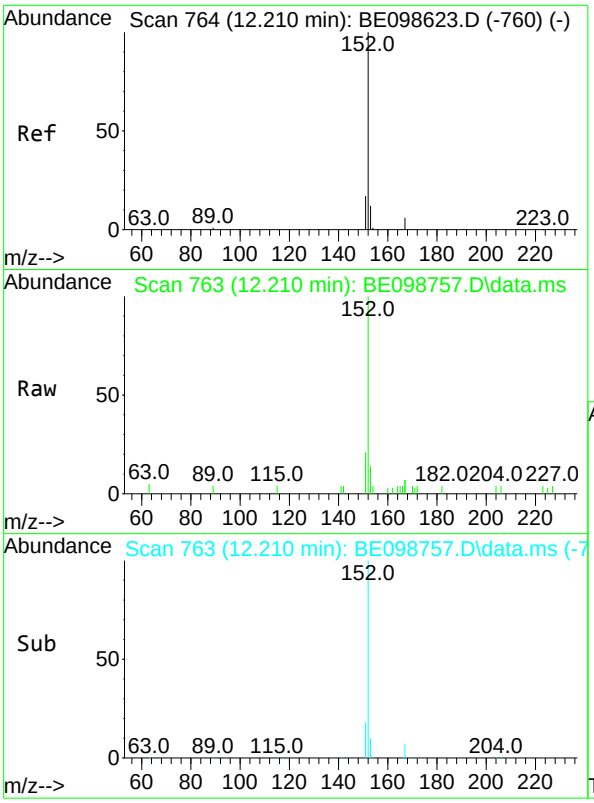
#10
Hexachlorobutadiene
Concen: 0.42 ng
RT: 10.927 min Scan# 674
Delta R.T. -0.013 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:225 Resp: 1237

Ion	Ratio	Lower	Upper
225	100		
223	61.9	47.8	71.8
227	65.5	50.5	75.7



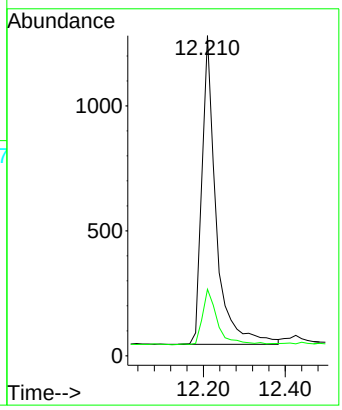
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

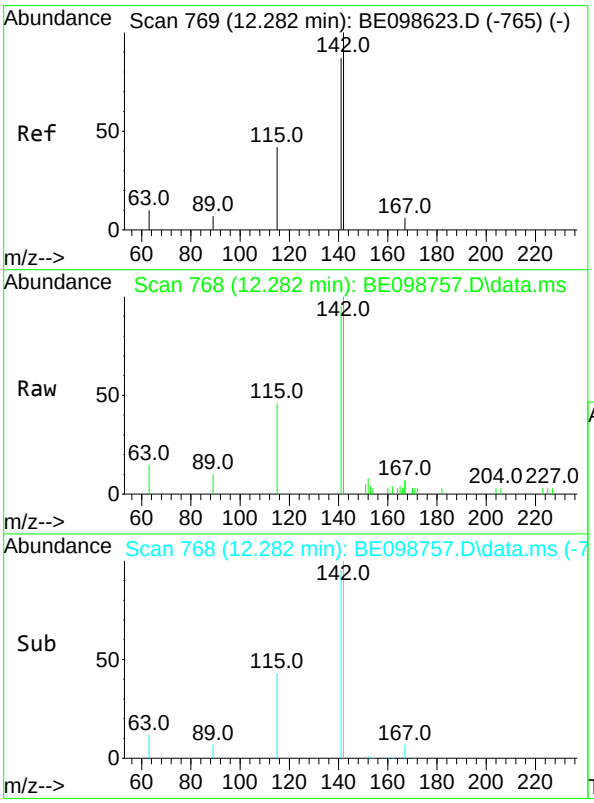


#11
2-Methylnaphthalene-d10
Concen: 0.43 ng
RT: 12.210 min Scan# 763
Delta R.T. 0.000 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:152 Resp: 2988

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.4

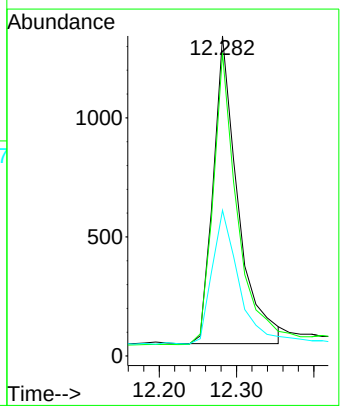




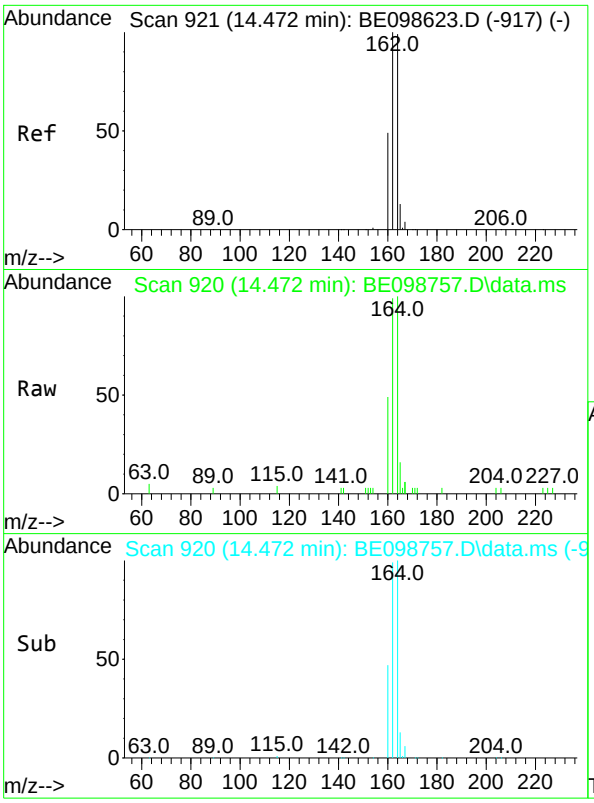
#12
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.282 min Scan# 768
Delta R.T. -0.000 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:142 Resp: 2871

Ion	Ratio	Lower	Upper
142	100		
141	94.7	70.0	105.0
115	45.5	35.2	52.8



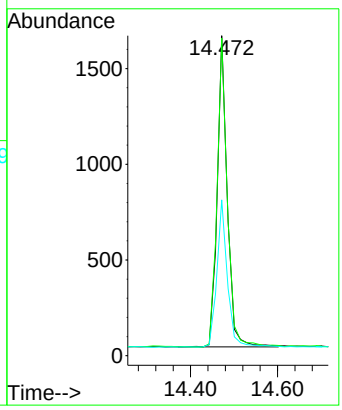
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

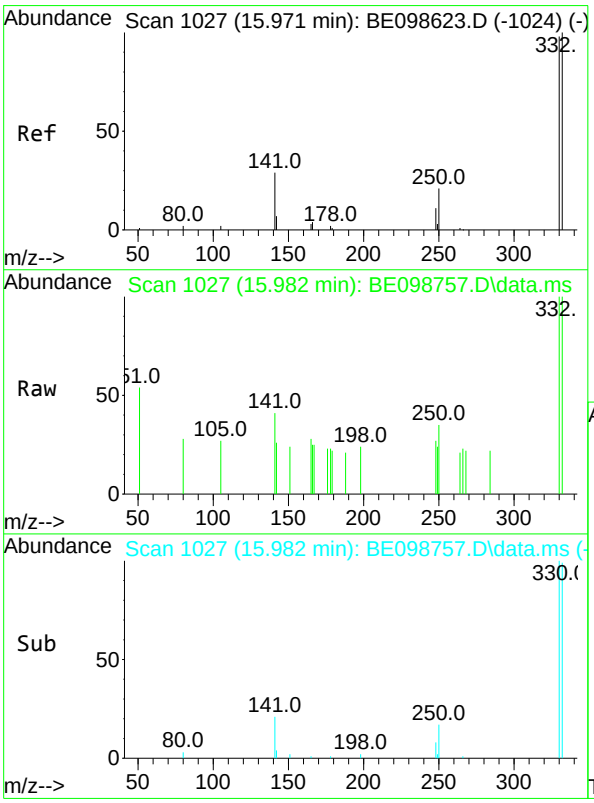


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.472 min Scan# 920
Delta R.T. 0.000 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:164 Resp: 2586

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.5	120.7
160	48.7	40.1	60.1

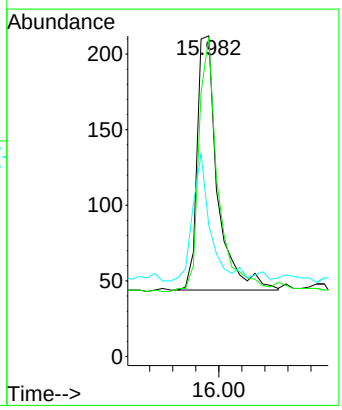




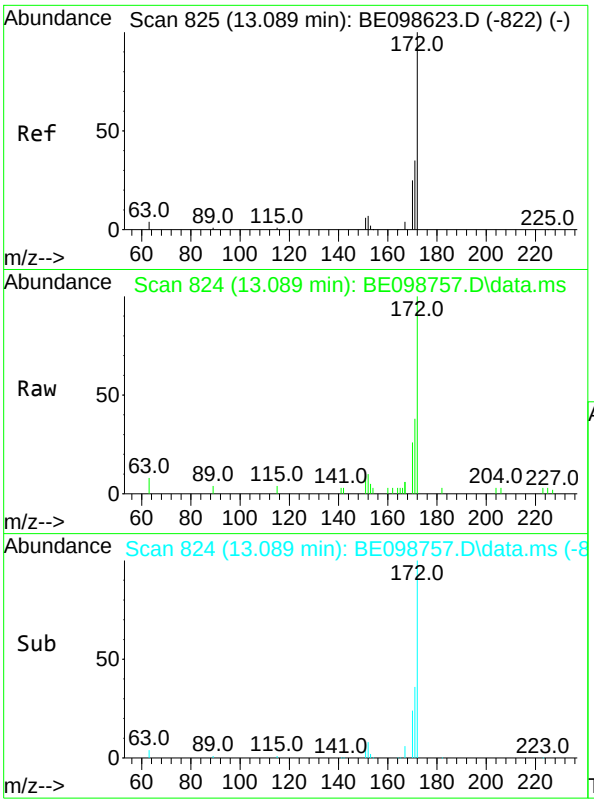
#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.982 min Scan# 1027
Delta R.T. 0.011 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:330 Resp: 413

Ion	Ratio	Lower	Upper
330	100		
332	94.4	73.3	109.9
141	46.0	33.1	49.7



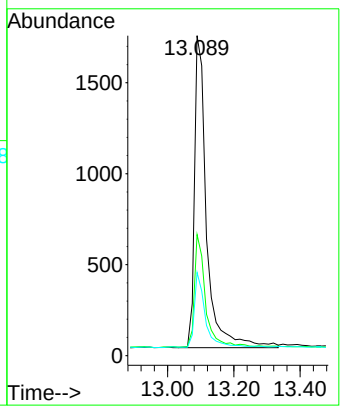
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

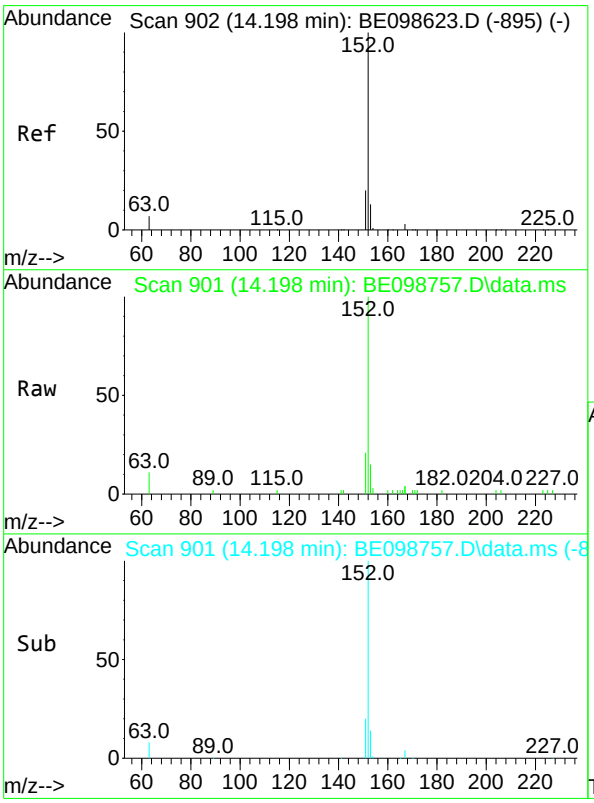


#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.089 min Scan# 824
Delta R.T. 0.000 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:172 Resp: 4368

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.0	43.4
170	26.0	20.8	31.2

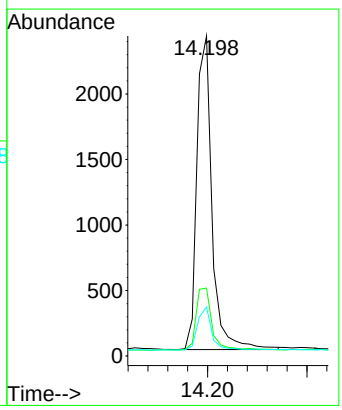




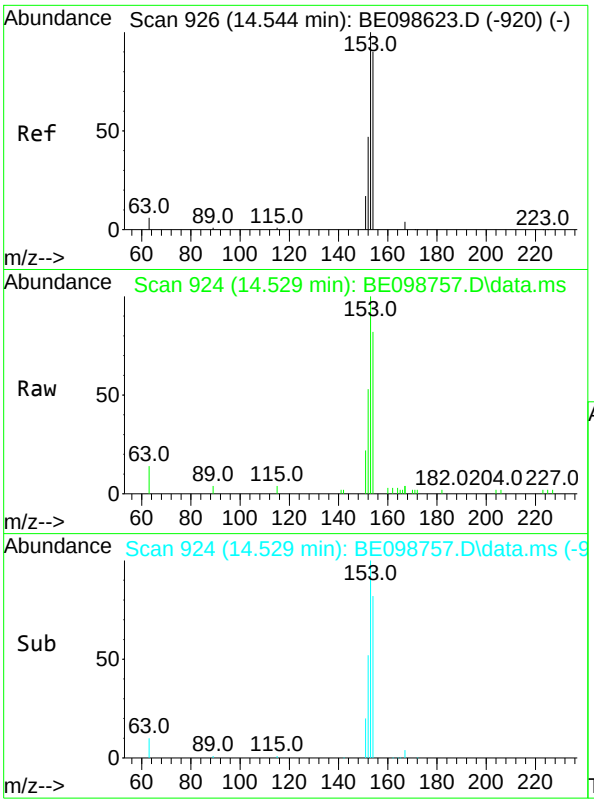
#16
Acenaphthylene
Concen: 0.45 ng
RT: 14.198 min Scan# 901
Delta R.T. 0.000 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:152 Resp: 5079

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.3	24.5
153	12.9	10.7	16.1



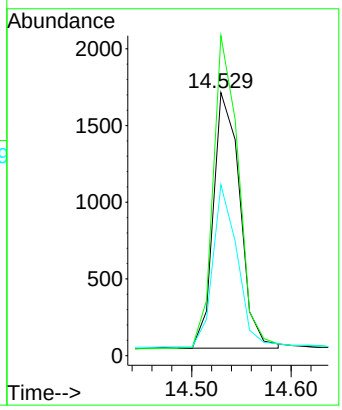
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

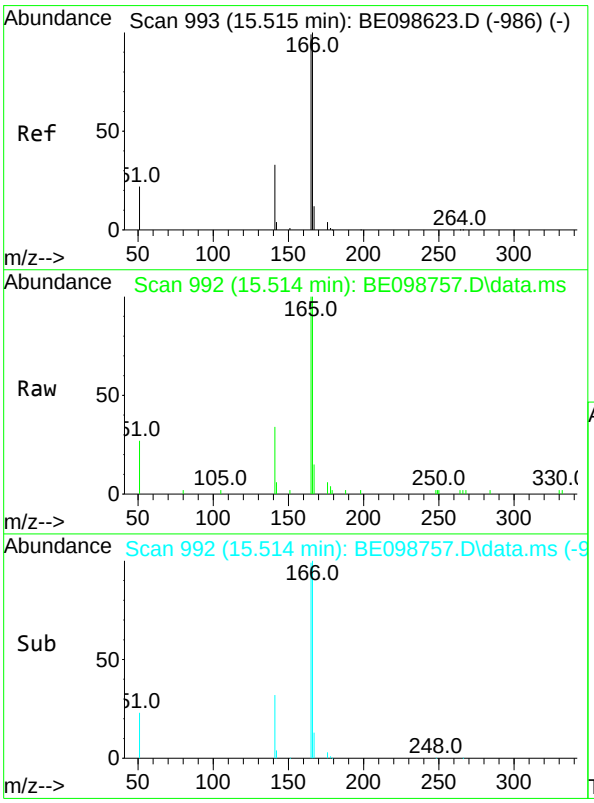


#17
Acenaphthene
Concen: 0.44 ng
RT: 14.529 min Scan# 924
Delta R.T. -0.015 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:154 Resp: 3092

Ion	Ratio	Lower	Upper
154	100		
153	116.7	93.9	140.9
152	58.2	45.8	68.8

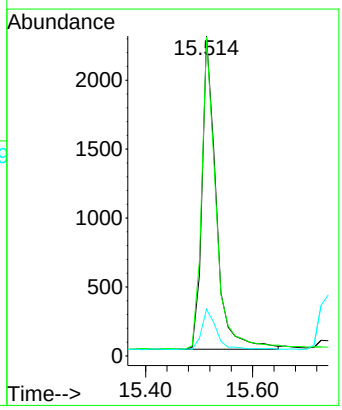




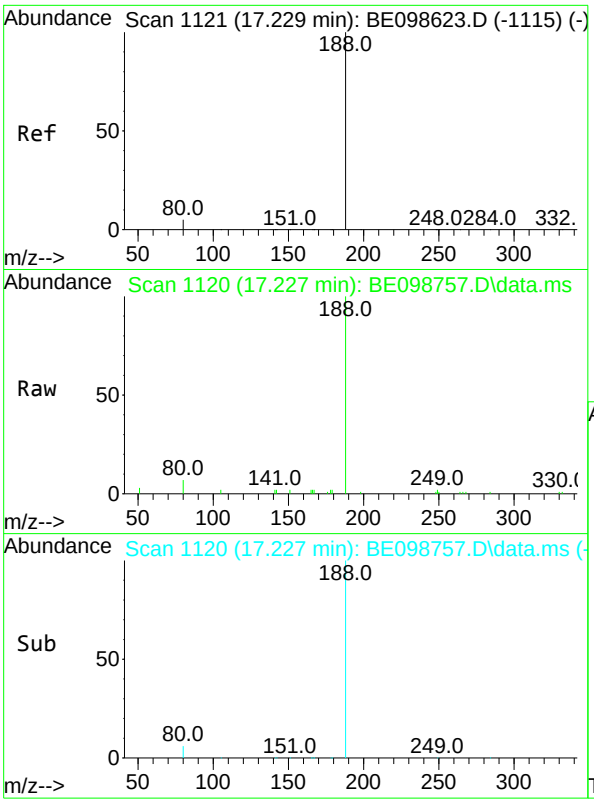
#18
Fluorene
Concen: 0.46 ng
RT: 15.514 min Scan# 992
Delta R.T. -0.002 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:166 Resp: 4175

Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.3	118.9
167	13.7	10.6	15.8



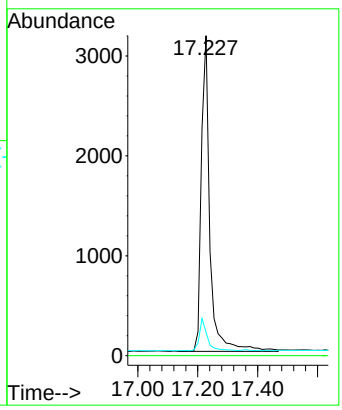
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

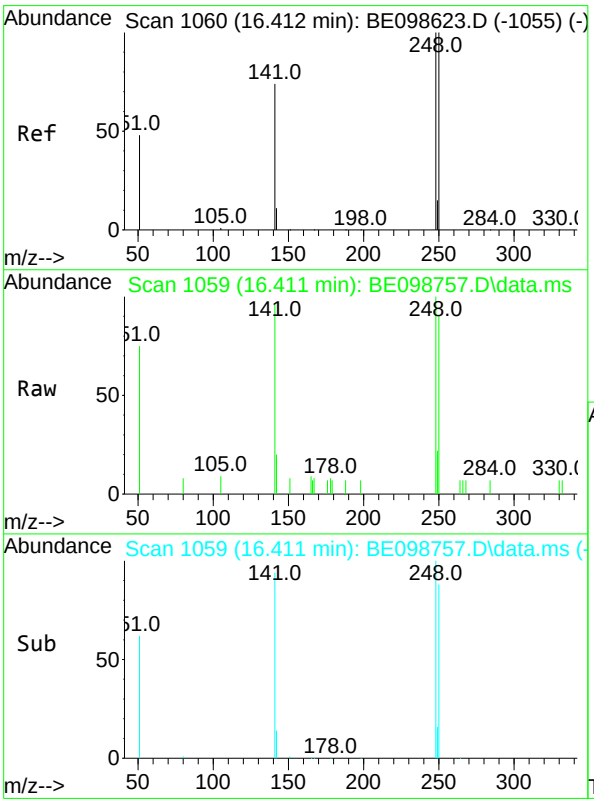


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.227 min Scan# 1120
Delta R.T. -0.002 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:188 Resp: 6289

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	4.7	7.1#

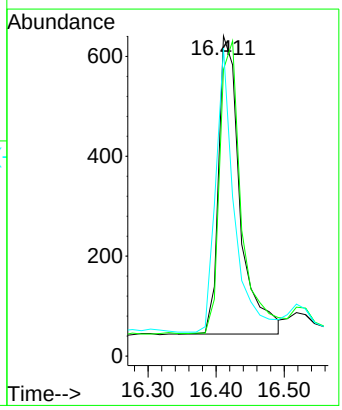




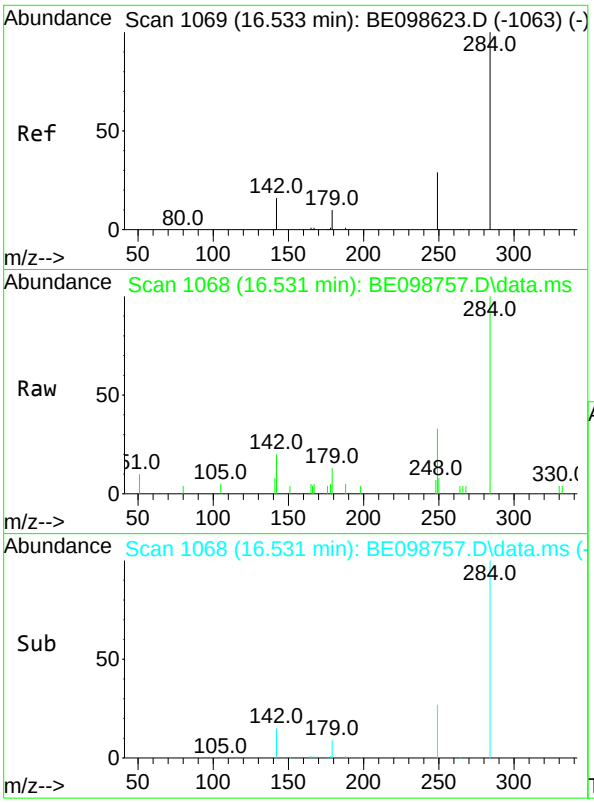
#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.411 min Scan# 1059
Delta R.T. -0.001 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:248 Resp: 1313

Ion	Ratio	Lower	Upper
248	100		
250	89.5	80.2	120.4
141	96.3	60.5	90.7#



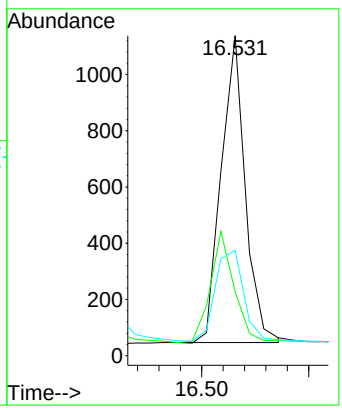
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

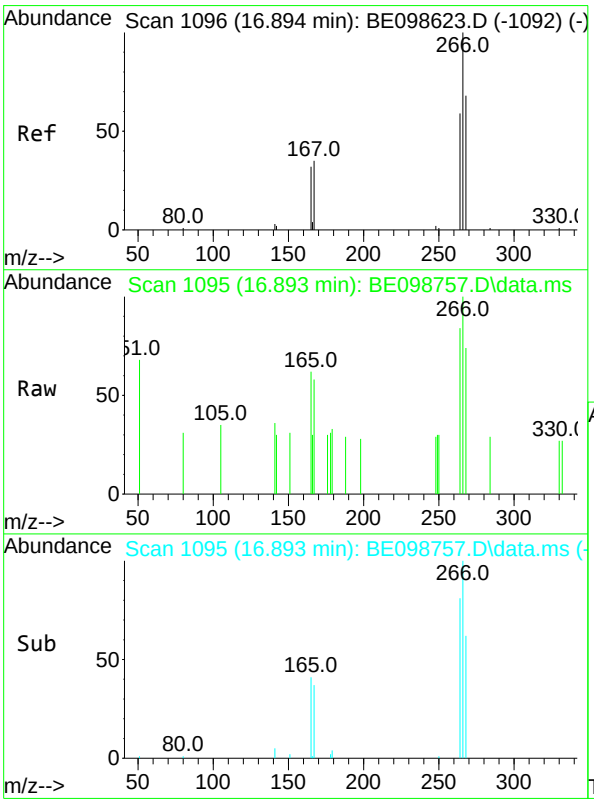


#21
Hexachlorobenzene
Concen: 0.42 ng
RT: 16.531 min Scan# 1068
Delta R.T. -0.002 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:284 Resp: 1700

Ion	Ratio	Lower	Upper
284	100		
142	35.5	25.5	38.3
249	34.9	26.6	39.8

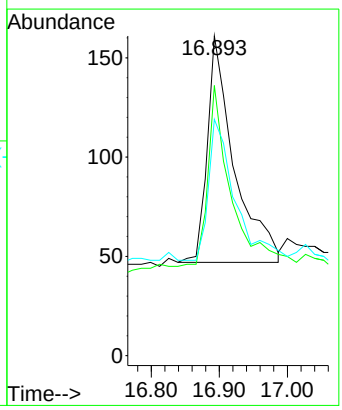




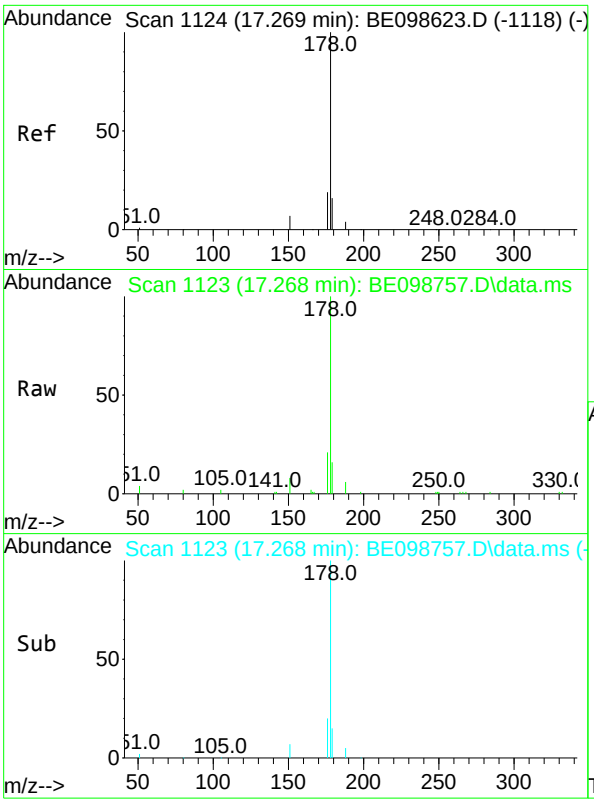
#22
Pentachlorophenol
Concen: 0.27 ng
RT: 16.893 min Scan# 1095
Delta R.T. -0.001 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:266 Resp: 312

Ion	Ratio	Lower	Upper
266	100		
264	84.5	53.7	80.5#
268	73.9	59.8	89.8



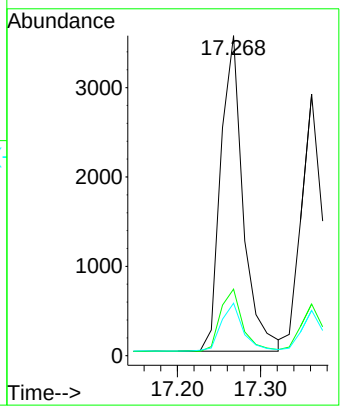
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

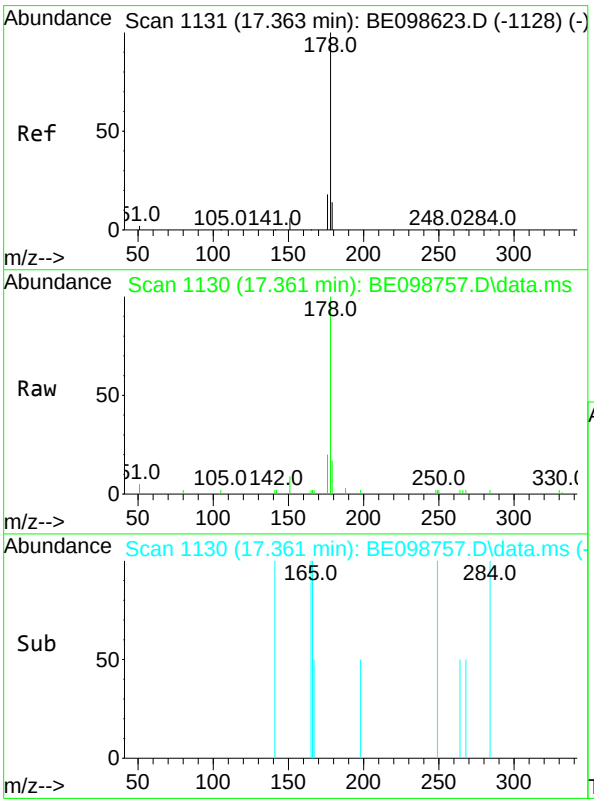


#23
Phenanthrene
Concen: 0.45 ng
RT: 17.268 min Scan# 1123
Delta R.T. -0.002 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:178 Resp: 6633

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	14.9	12.2	18.4

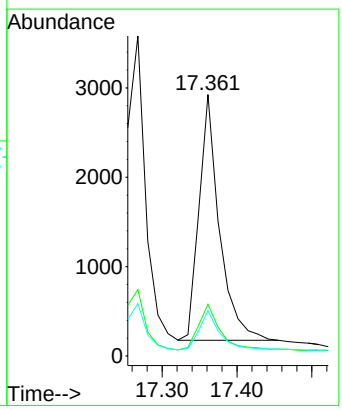


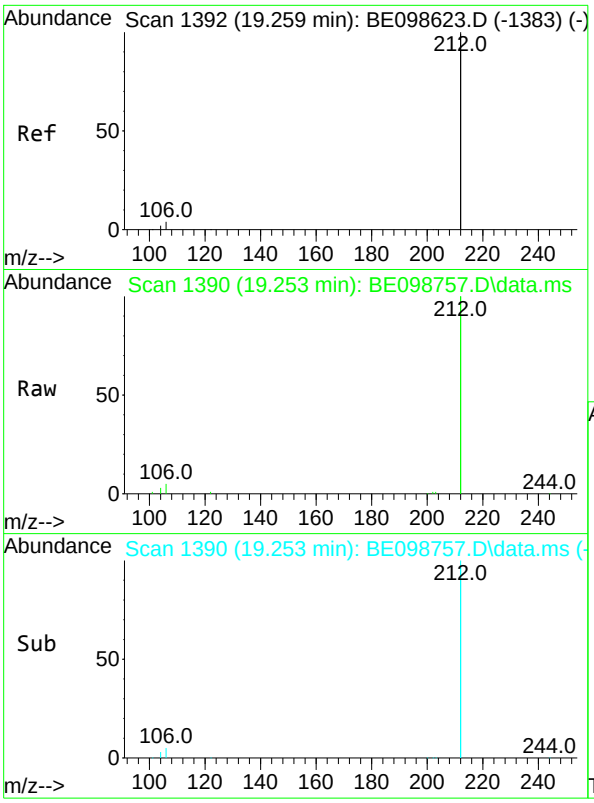


#24
Anthracene
Concen: 0.41 ng
RT: 17.361 min Scan# 1130
Delta R.T. -0.002 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:178 Resp: 5189

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	16.3	11.8	17.8

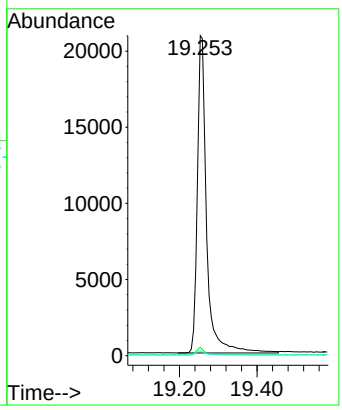




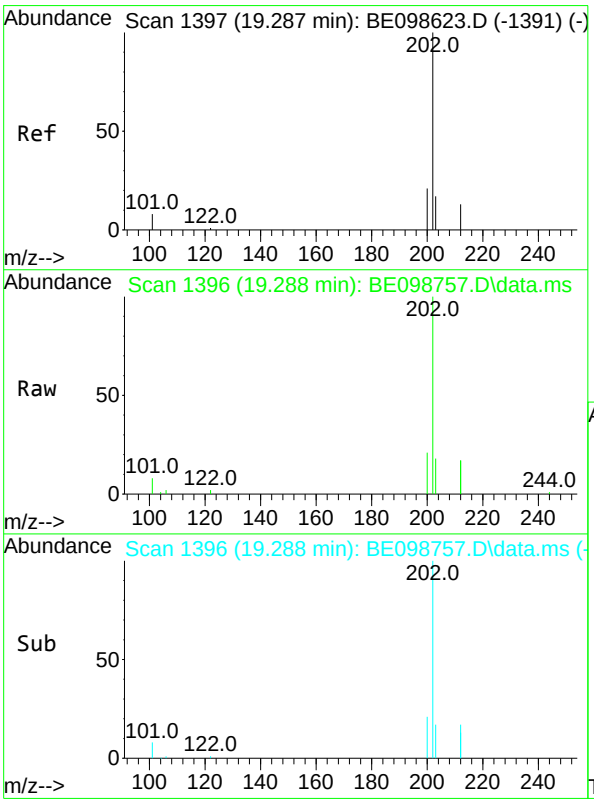
#25
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.253 min Scan# 1390
Delta R.T. -0.005 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:212 Resp: 34694

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.7	2.5
104	1.2	1.0	1.6



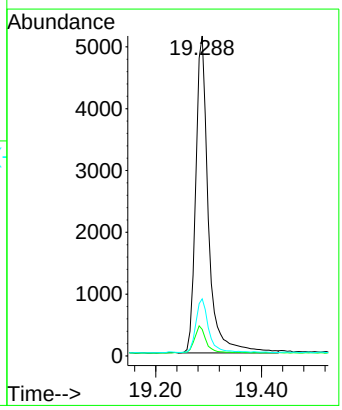
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4



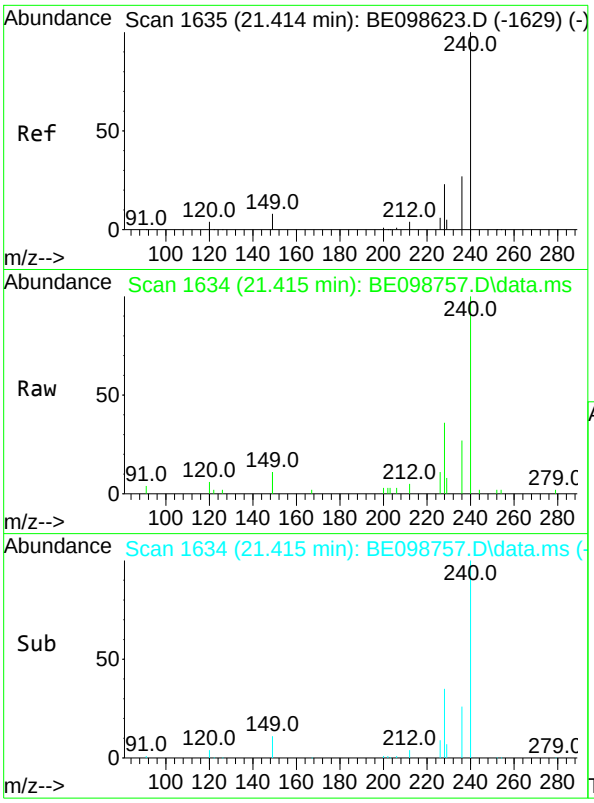
#26
Fluoranthene
Concen: 0.45 ng
RT: 19.288 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:202 Resp: 8536

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.7	10.1
203	16.9	13.3	19.9



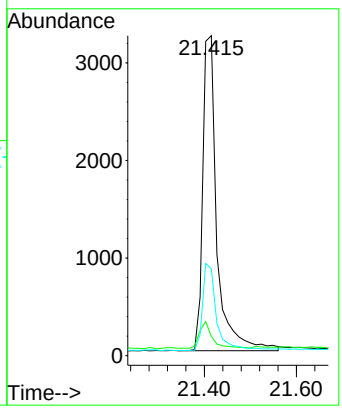
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

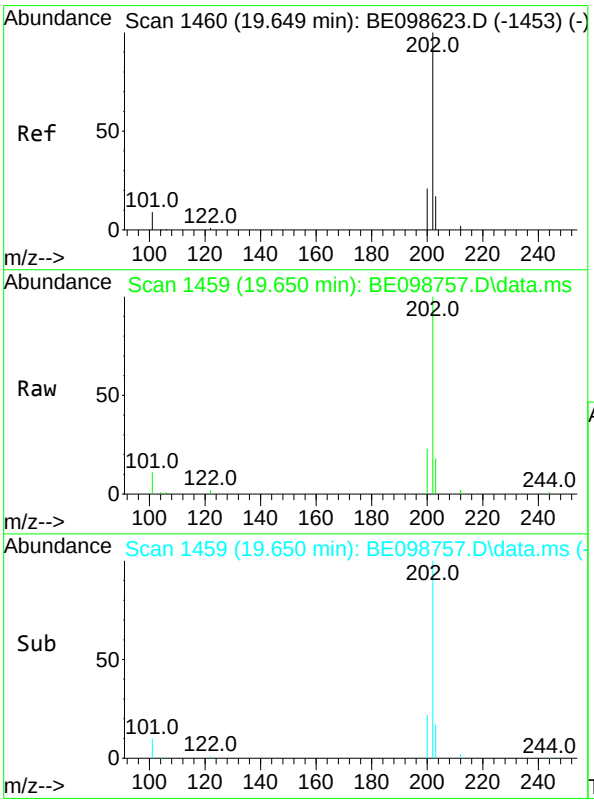


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. 0.001 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:240 Resp: 6865

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.7	7.1
236	27.1	21.9	32.9

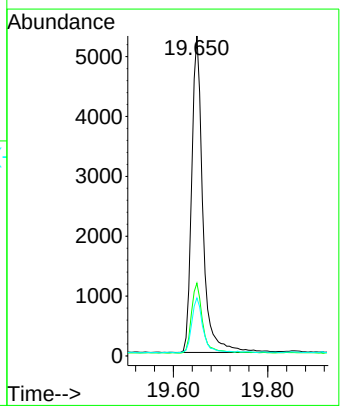




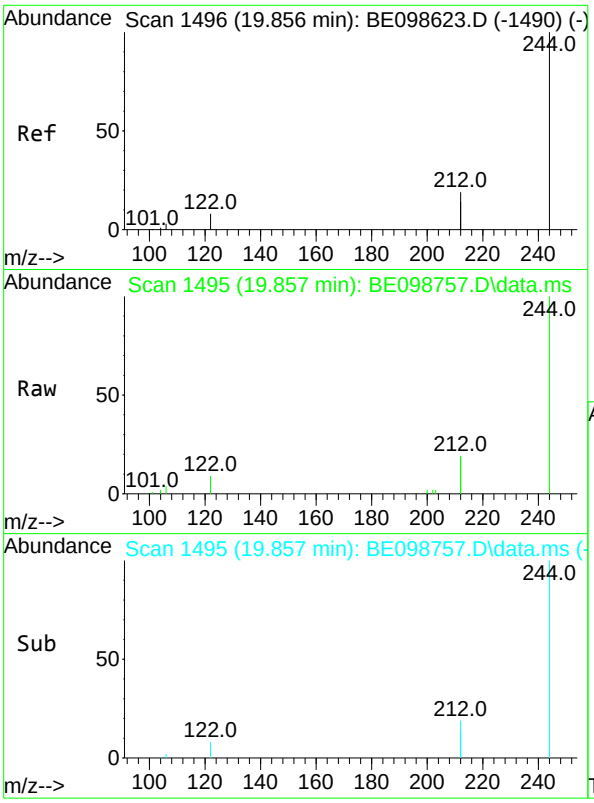
#28
Pyrene
Concen: 0.46 ng
RT: 19.650 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:202 Resp: 8683

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.0	25.6
203	17.3	13.8	20.8



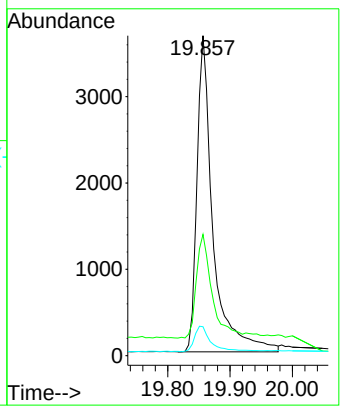
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

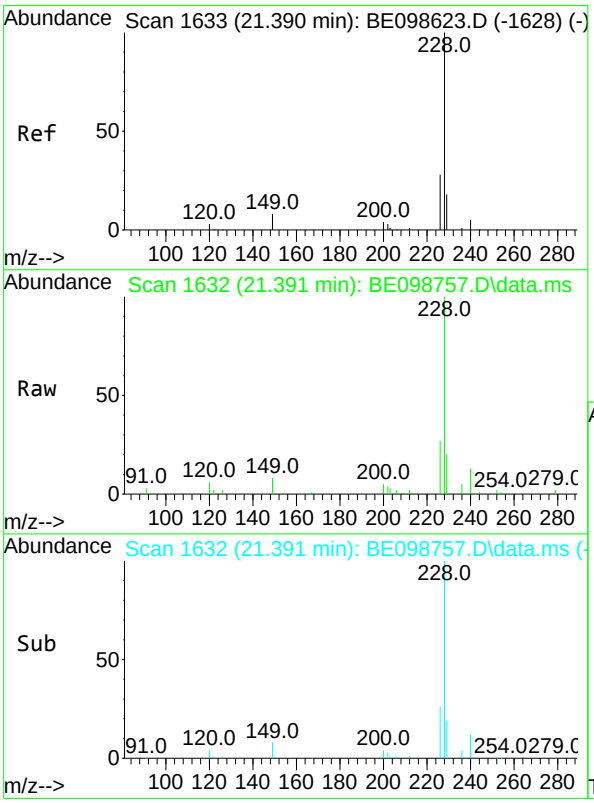


#29
Terphenyl-d14
Concen: 0.43 ng
RT: 19.857 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:244 Resp: 6537

Ion	Ratio	Lower	Upper
244	100		
212	37.9	29.4	44.2
122	9.1	7.1	10.7

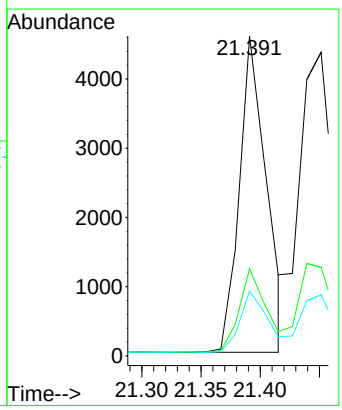




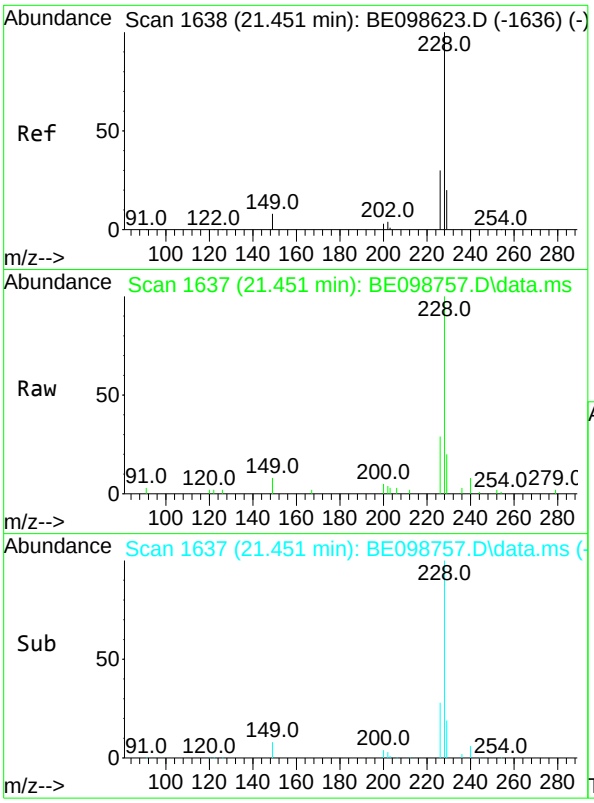
#30
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.391 min Scan# 1632
Delta R.T. 0.001 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:228 Resp: 7261

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.0	34.4
229	20.3	15.0	22.6



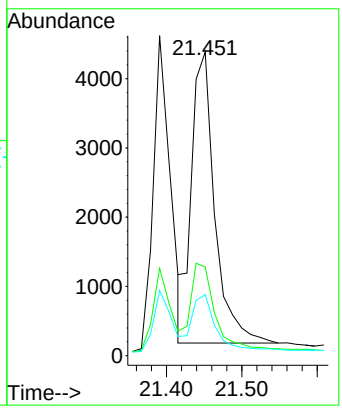
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

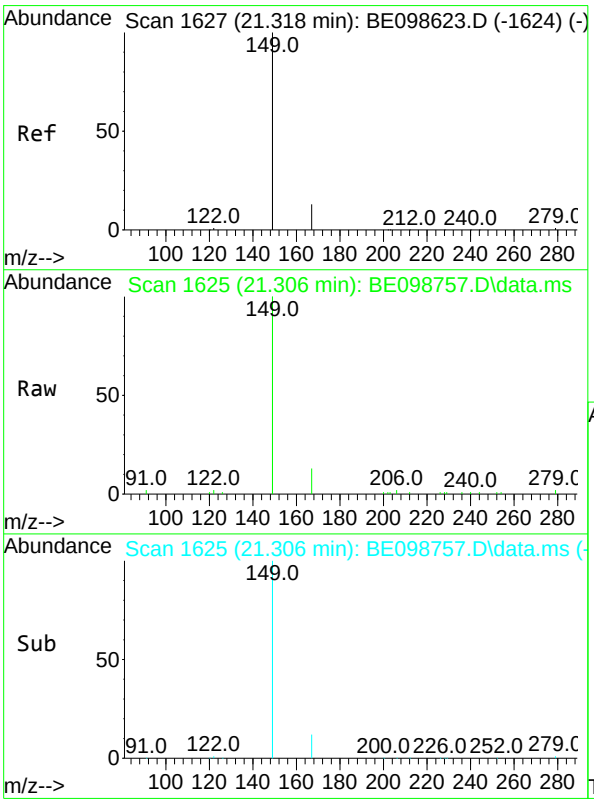


#31
Chrysene
Concen: 0.47 ng
RT: 21.451 min Scan# 1637
Delta R.T. 0.001 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:228 Resp: 9014

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.6	36.8
229	20.1	16.4	24.6

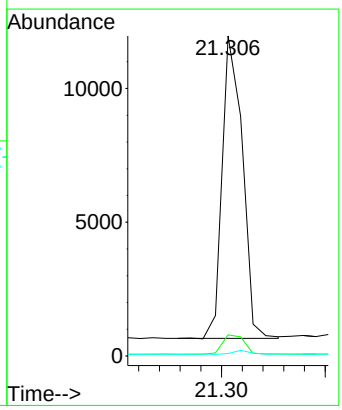




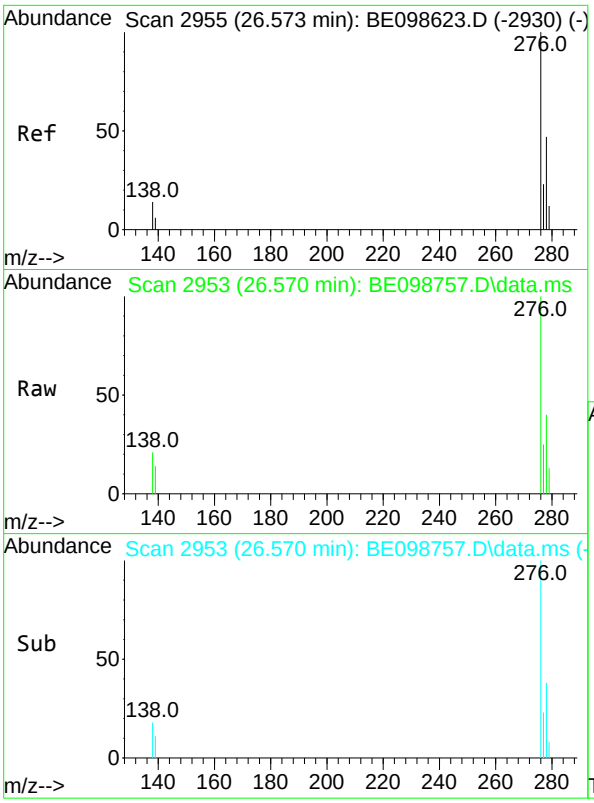
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.306 min Scan# 1625
Delta R.T. -0.011 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:149 Resp: 15353

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.2
279	1.2	1.0	1.4



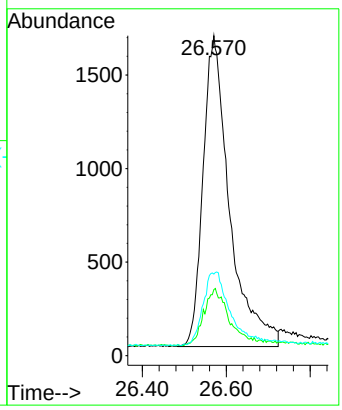
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

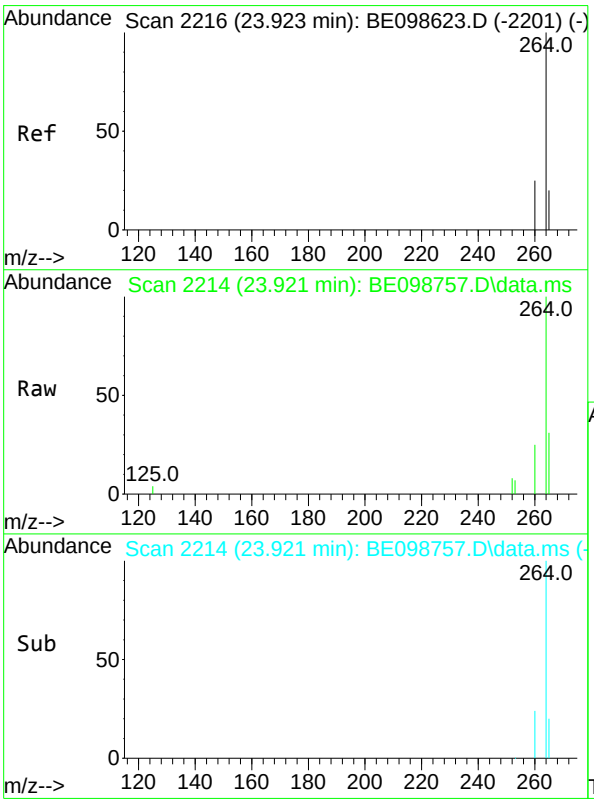


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 26.570 min Scan# 2953
Delta R.T. -0.002 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:276 Resp: 7298

Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.3	19.9
277	24.3	19.4	29.0

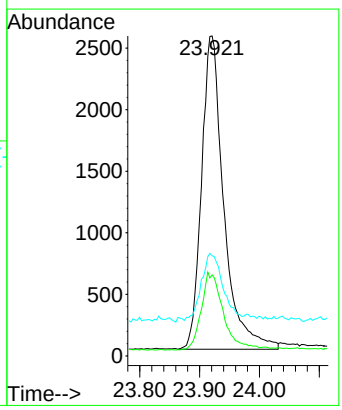


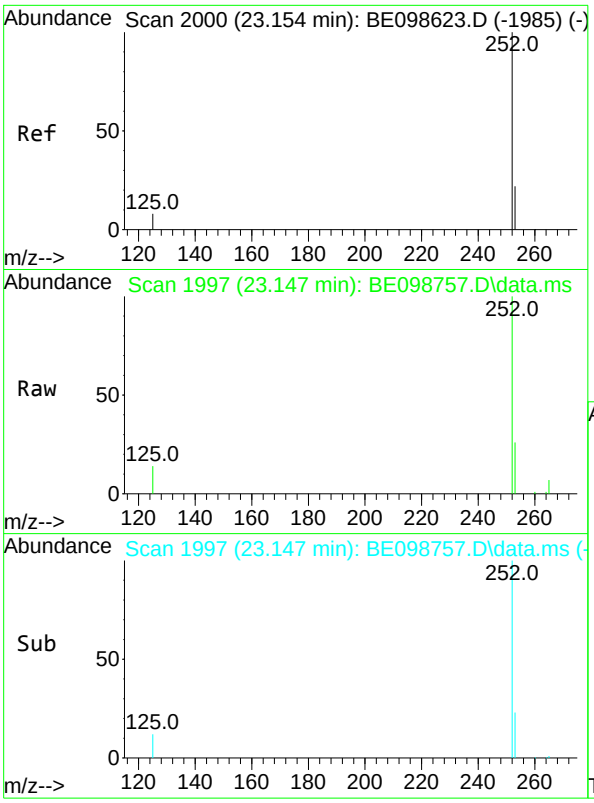


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.921 min Scan# 2214
Delta R.T. -0.003 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:264 Resp: 6594

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	31.3	22.3	33.5

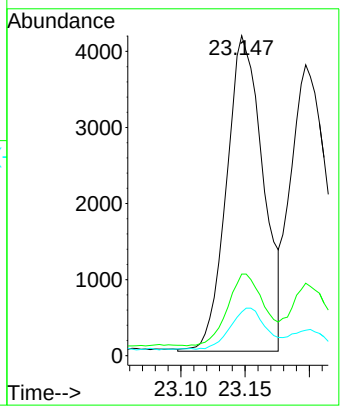




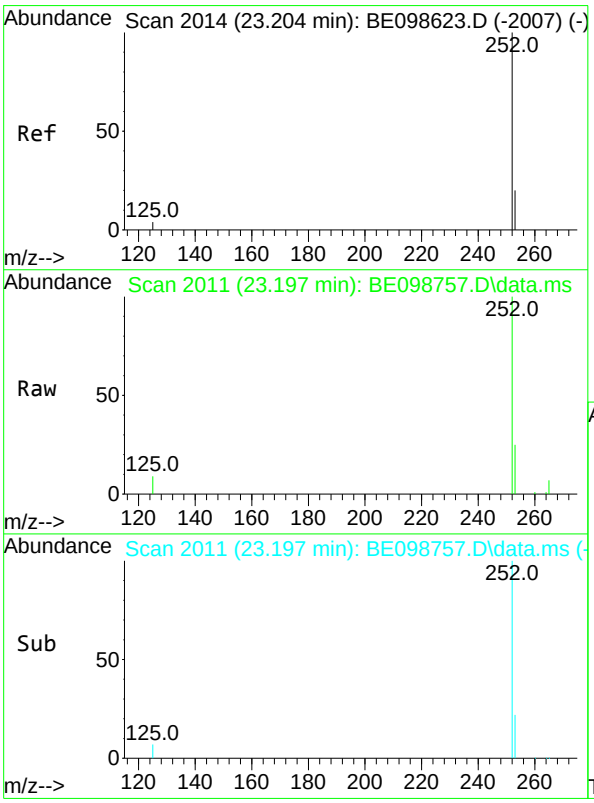
#35
Benzo(b)fluoranthene
Concen: 0.46 ng m
RT: 23.147 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:252 Resp: 8220

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.4	29.0
125	13.6	8.2	12.4#



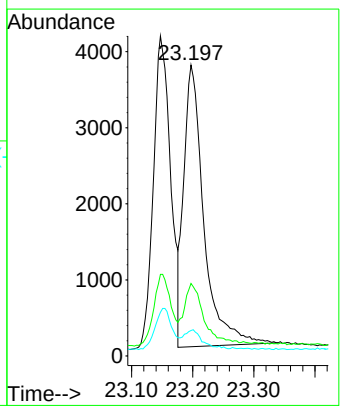
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4



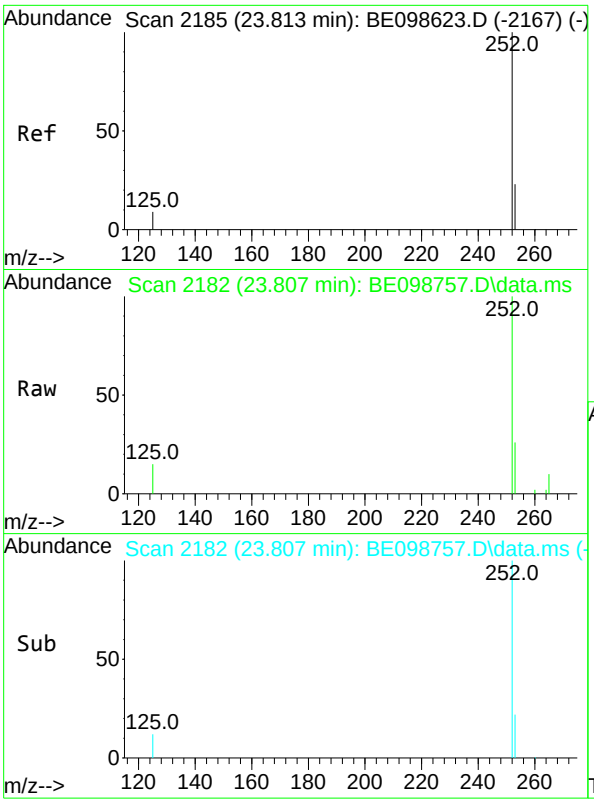
#36
Benzo(k)fluoranthene
Concen: 0.43 ng
RT: 23.197 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:252 Resp: 8461

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.0	28.4
125	8.7	7.0	10.4



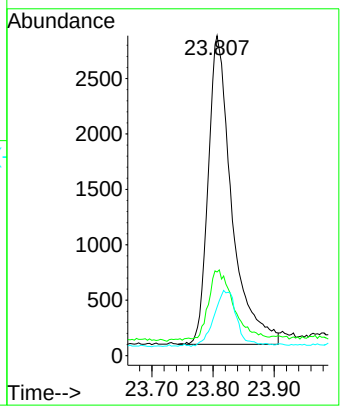
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

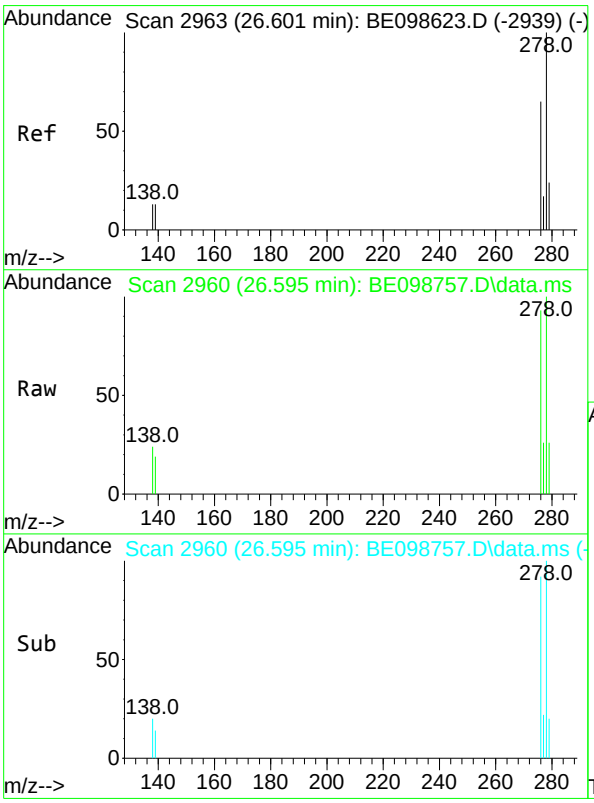


#37
Benzo(a)pyrene
Concen: 0.42 ng
RT: 23.807 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:252 Resp: 7455

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.0	31.4
125	15.2	9.2	13.8#

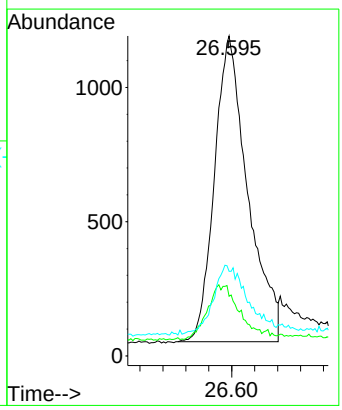


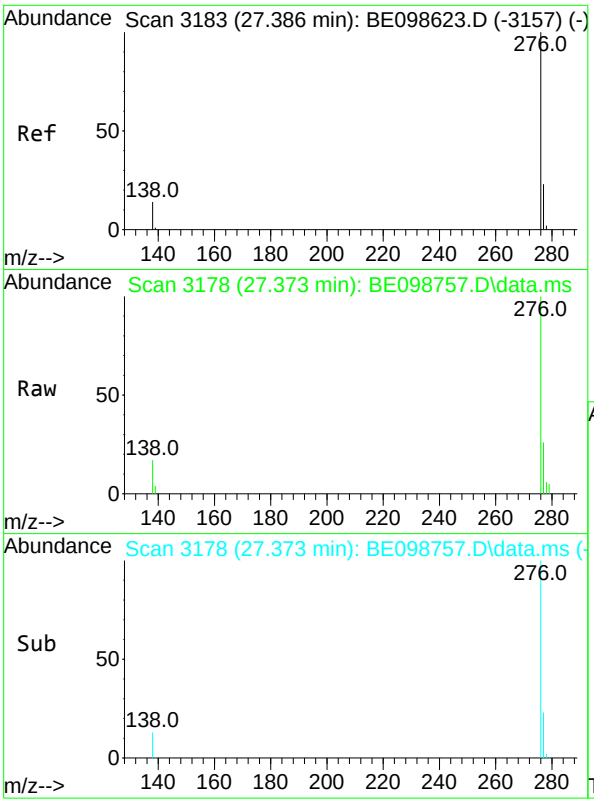


#38
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 26.595 min Scan# 2960
Delta R.T. -0.006 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:278 Resp: 4597

Ion	Ratio	Lower	Upper
278	100		
139	18.6	12.7	19.1
279	26.4	22.0	33.0

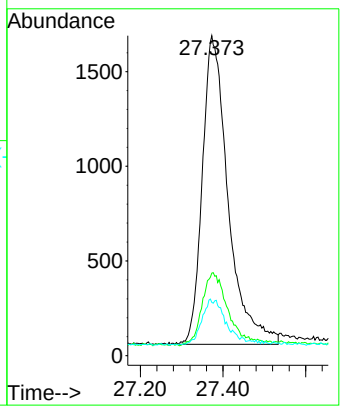




#39
Benzo(g,h,i)perylene
Concen: 0.41 ng
RT: 27.373 min Scan# 3178
Delta R.T. -0.013 min
Lab File: BE098757.D
Acq: 26 Feb 2019 12:41

Tgt Ion:276 Resp: 7063

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.3	30.5
138	16.6	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4