Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020119\
Data File : BE098687.D
Acq On : 1 Feb 2019 11:15
Operator : JU/SJ
Sample : PB116728BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB116728BS

Quant Time: Feb 01 14:32:54 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	7.807	152	866	0.40	ng		0.00
7) Naphthalene-d8	10.602	136	3838	0.40	ng		0.00
13) Acenaphthene-d10	14.471	164	2603	0.40	ng		0.00
19) Phenanthrene-d10	17.228	188	5915	0.40	ng	#	0.00
27) Chrysene-d12	21.415	240	6664	0.40	ng		0.00
34) Perylene-d12	23.920	264	6152	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.400	112	900	0.35	ng		0.00
5) Phenol-d6	7.000	99	1348	0.36	ng		0.00
8) Nitrobenzene-d5	8.978	82	1466	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.209	152	2836	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.969	330	392	0.34	ng		-0.01
15) 2-Fluorobiphenyl	13.102	172	4244	0.38	ng		0.00
25) Fluoranthene-d10	19.259	212	32471	0.38	ng		0.00
29) Terphenyl-d14	19.857	244	6305	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	630	0.39	ng		96
3) n-Nitrosodimethylamine	3.649	42	792	0.39	ng	#	13
6) bis(2-Chloroethyl)ether	7.242	93	1064	0.42	ng		72
9) Naphthalene	10.654	128	17342	0.39	ng		100
10) Hexachlorobutadiene	10.926	225	1195	0.41	ng		98
12) 2-Methylnaphthalene	12.281	142	2816	0.39	ng		97
16) Acenaphthylene	14.197	152	4840	0.36	ng		100
17) Acenaphthene	14.529	154	2993	0.38	ng		98
18) Fluorene	15.514	166	4072	0.38	ng		99
20) 4-Bromophenyl-phenylether	16.411	248	1352	0.39	ng	#	86
21) Hexachlorobenzene	16.531	284	1646	0.40	ng		96
22) Pentachlorophenol	16.893	266	327	0.31	ng		88
23) Phenanthrene	17.268	178	6550	0.40	ng		98
24) Anthracene	17.361	178	5066	0.38	ng		99
26) Fluoranthene	19.288	202	8080	0.39	ng		100
28) Pyrene	19.650	202	8264	0.39	ng		100
30) Benzo(a)anthracene	21.390	228	7455	0.37	ng		97
31) Chrysene	21.451	228	8127	0.37	ng		99
32) Bis(2-ethylhexyl)phtha...	21.318	149	11581	0.31	ng		100
33) Indeno(1,2,3-cd)pyrene	26.569	276	7965	0.35	ng		99
35) Benzo(b)fluoranthene	23.150	252	7520	0.38	ng		97
36) Benzo(k)fluoranthene	23.200	252	8320	0.39	ng		98
37) Benzo(a)pyrene	23.809	252	7134	0.37	ng		99
38) Dibenzo(a,h)anthracene	26.598	278	5788	0.33	ng		98
39) Benzo(g,h,i)perylene	27.379	276	7198	0.37	ng		97

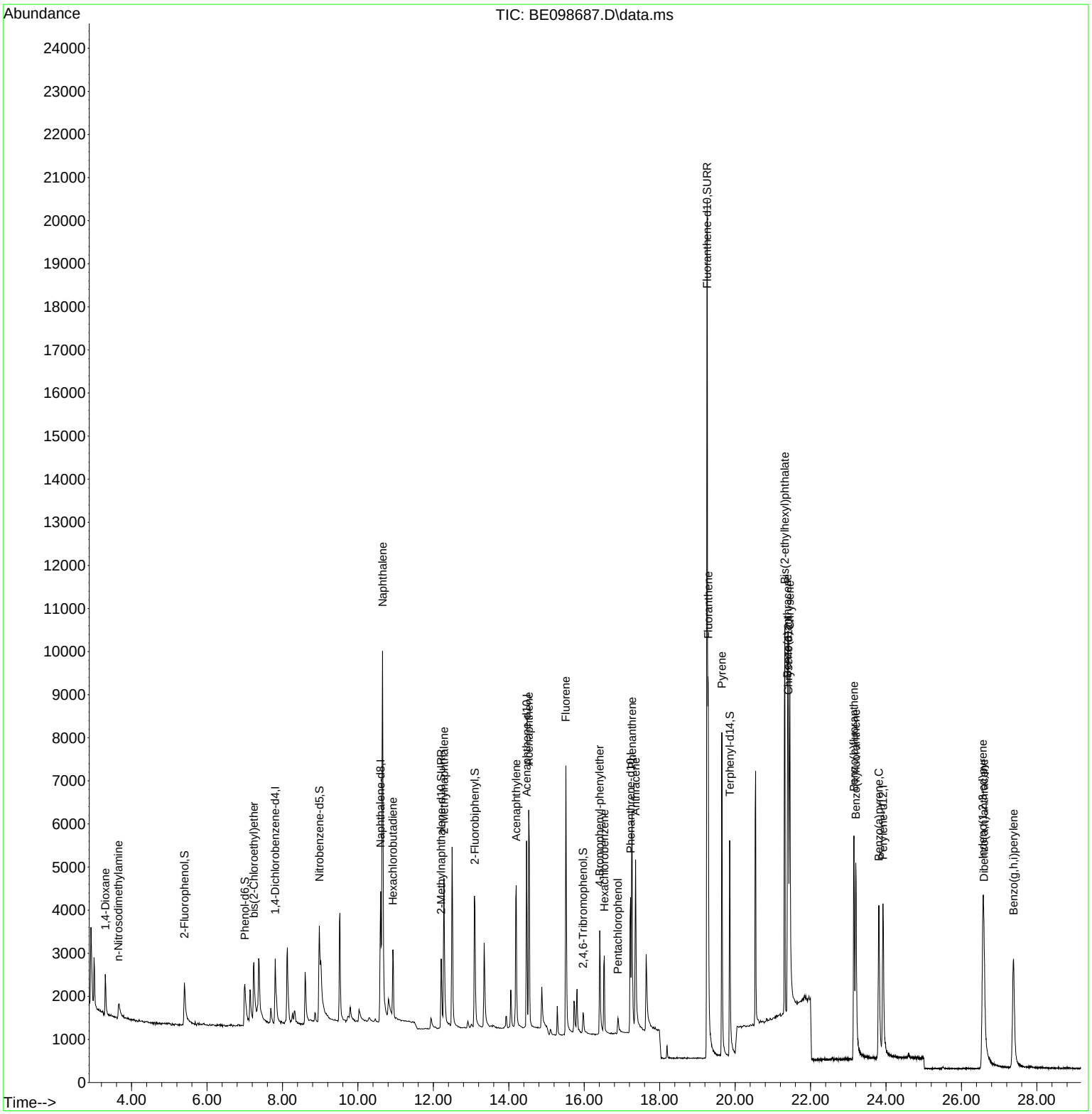
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

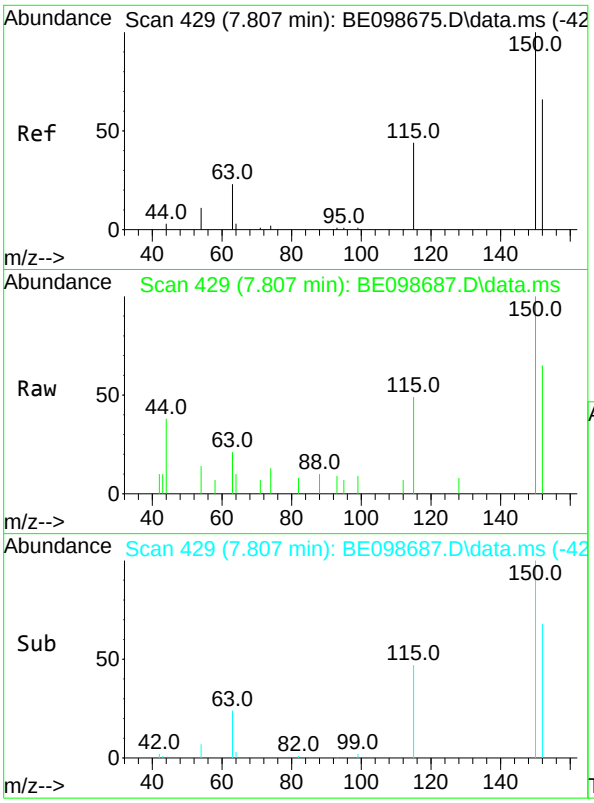
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020119\
Data File : BE098687.D
Acq On : 1 Feb 2019 11:15
Operator : JU/SJ
Sample : PB116728BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB116728BS

Quant Time: Feb 01 14:32:54 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



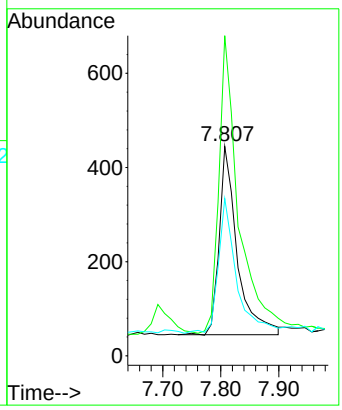
Instrument :
BNA_E
ClientSampleId :
PB116728BS

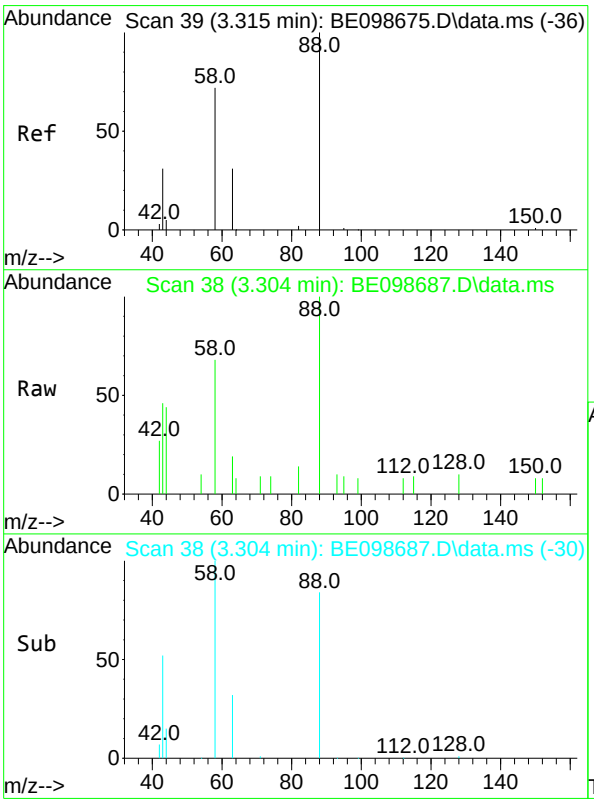


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.807 min Scan# 429
Delta R.T. -0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:152 Resp: 866

Ion	Ratio	Lower	Upper
152	100		
150	152.8	121.4	182.2
115	75.1	59.1	88.7

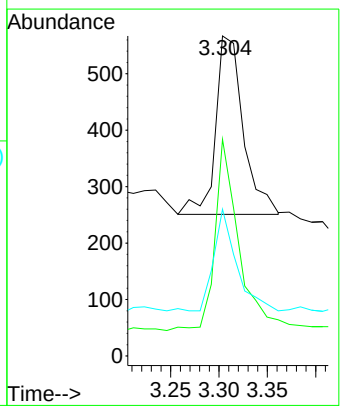




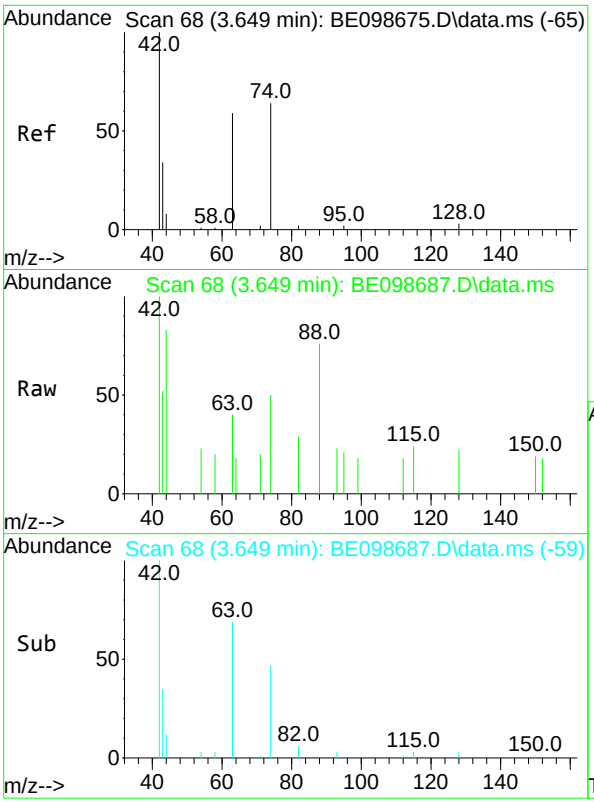
#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.304 min Scan# 38
Delta R.T. -0.011 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion: 88 Resp: 630

Ion	Ratio	Lower	Upper
88	100		
58	92.2	73.9	110.9
43	46.3	43.7	65.5



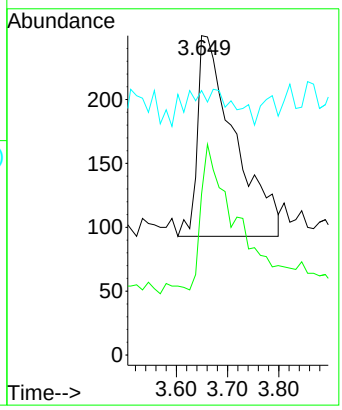
Instrument :
BNA_E
ClientSampleId :
PB116728BS

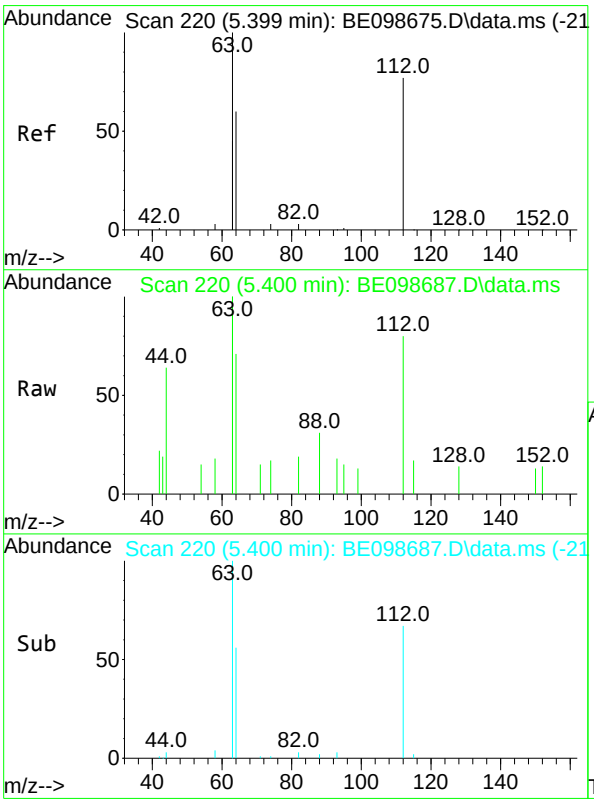


#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.649 min Scan# 68
Delta R.T. 0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion: 42 Resp: 792

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

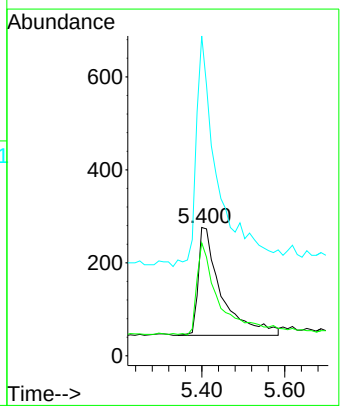




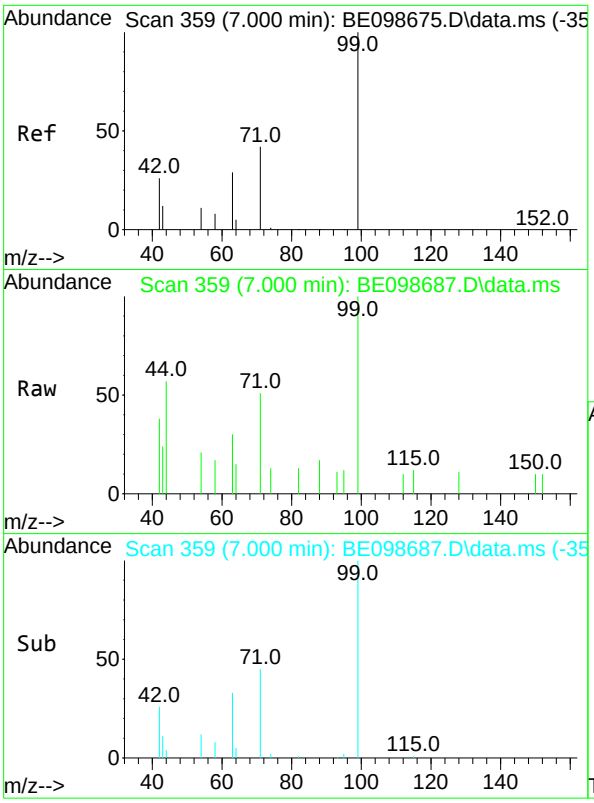
#4
2-Fluorophenol
Concen: 0.35 ng
RT: 5.400 min Scan# 220
Delta R.T. 0.001 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:112 Resp: 900

Ion	Ratio	Lower	Upper
112	100		
64	86.6	62.9	94.3
63	206.9	152.2	228.4



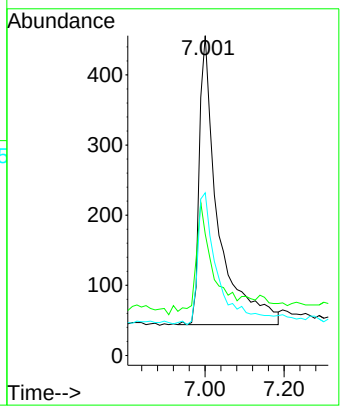
Instrument :
BNA_E
ClientSampleId :
PB116728BS

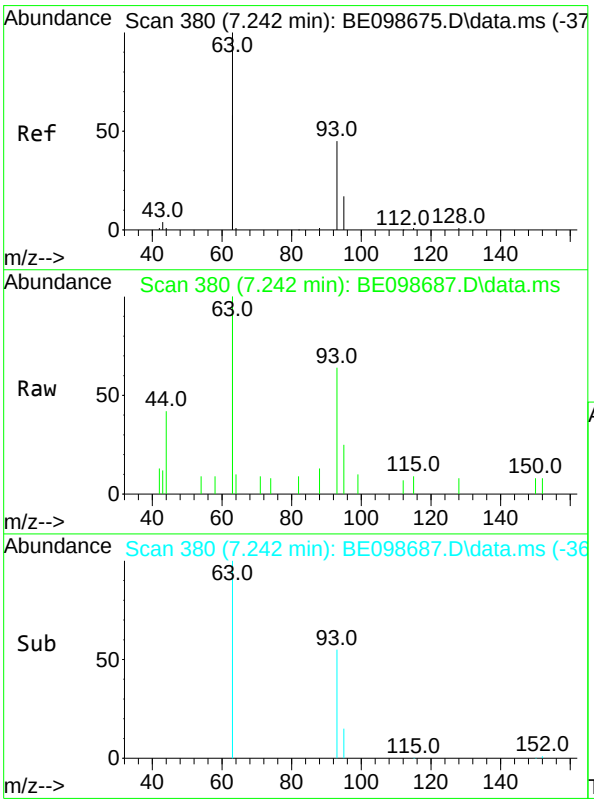


#5
Phenol-d6
Concen: 0.36 ng
RT: 7.000 min Scan# 359
Delta R.T. 0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion: 99 Resp: 1348

Ion	Ratio	Lower	Upper
99	100		
42	31.5	24.6	37.0
71	48.6	35.1	52.7

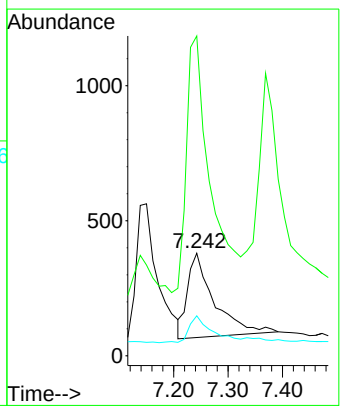




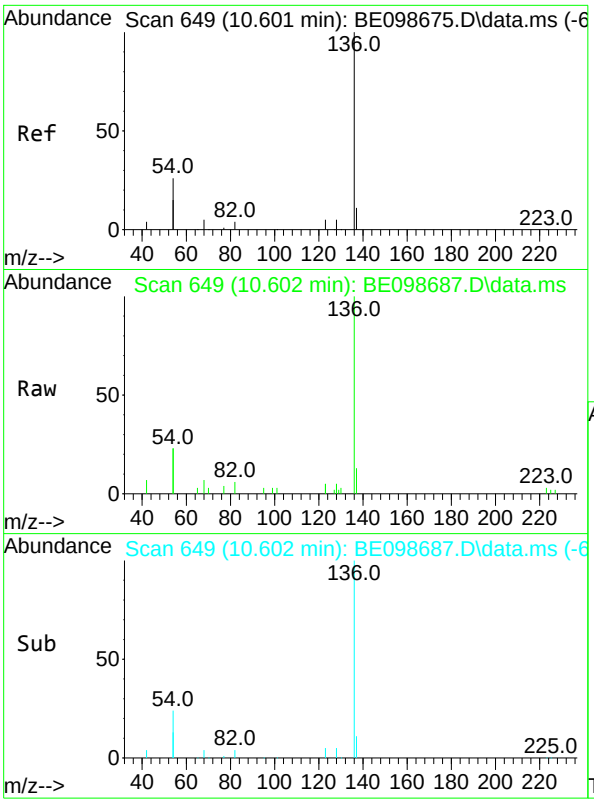
#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 7.242 min Scan# 380
Delta R.T. 0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion: 93 Resp: 1064

Ion	Ratio	Lower	Upper
93	100		
63	271.2	267.3	400.9
95	27.2	26.2	39.4



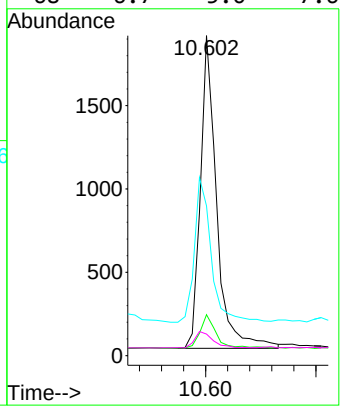
Instrument :
BNA_E
ClientSampleId :
PB116728BS

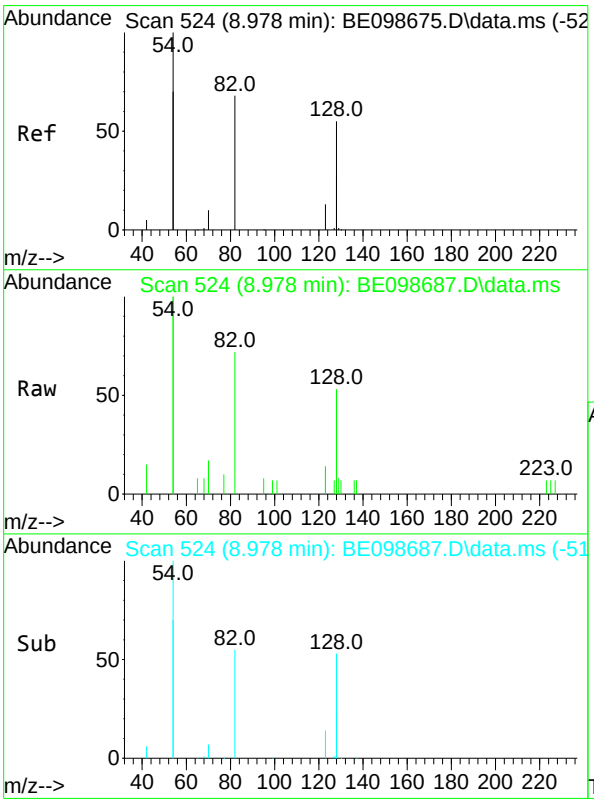


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 649
Delta R.T. 0.001 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:136 Resp: 3838

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.7	14.5
54	46.8	35.5	53.3
68	6.7	5.0	7.6

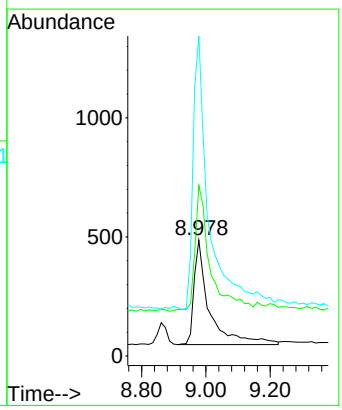




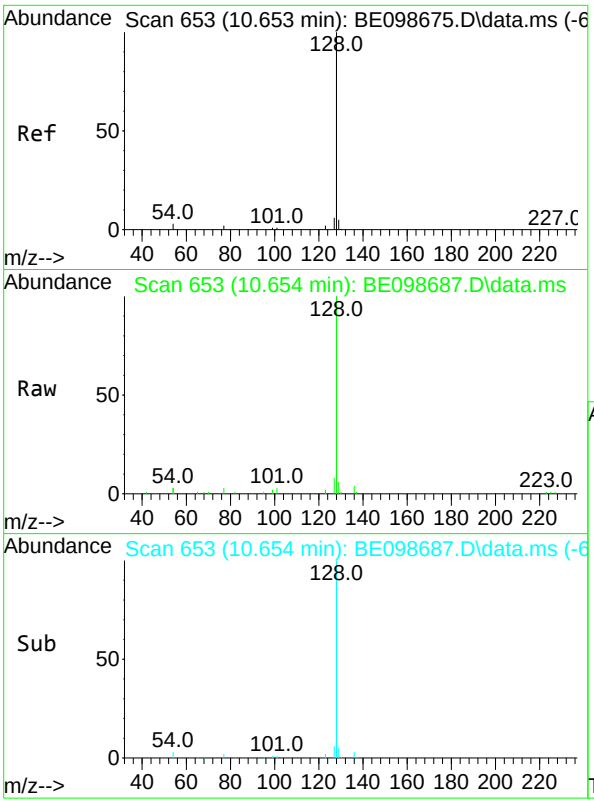
#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.978 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion: 82 Resp: 1466

Ion	Ratio	Lower	Upper
82	100		
128	147.3	96.5	144.7#
54	276.5	224.7	337.1



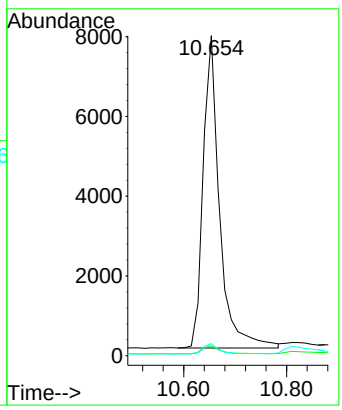
Instrument :
BNA_E
ClientSampleId :
PB116728BS

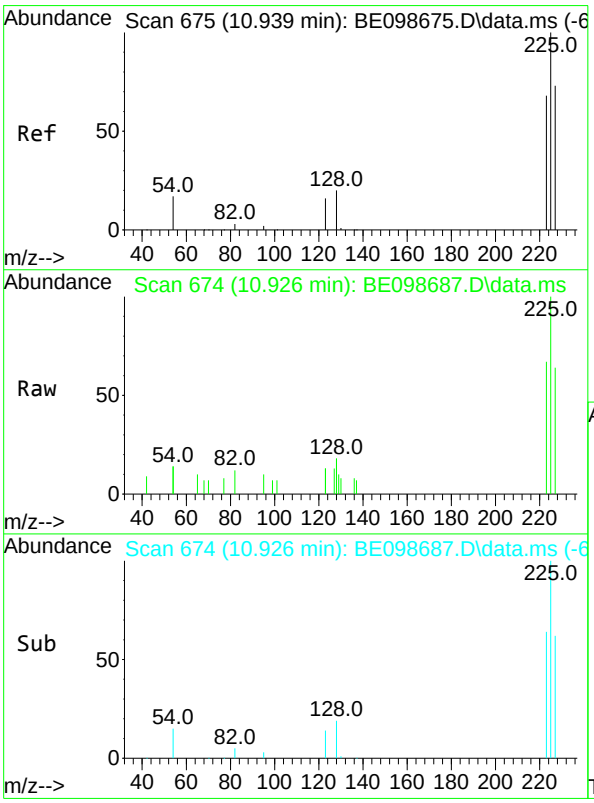


#9
Naphthalene
Concen: 0.39 ng
RT: 10.654 min Scan# 653
Delta R.T. 0.001 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:128 Resp: 17342

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

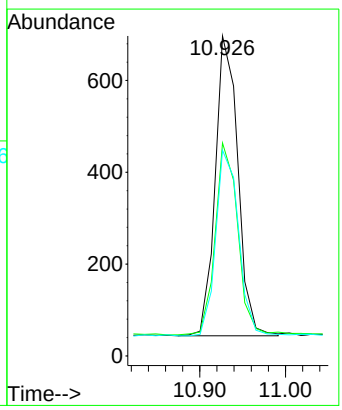




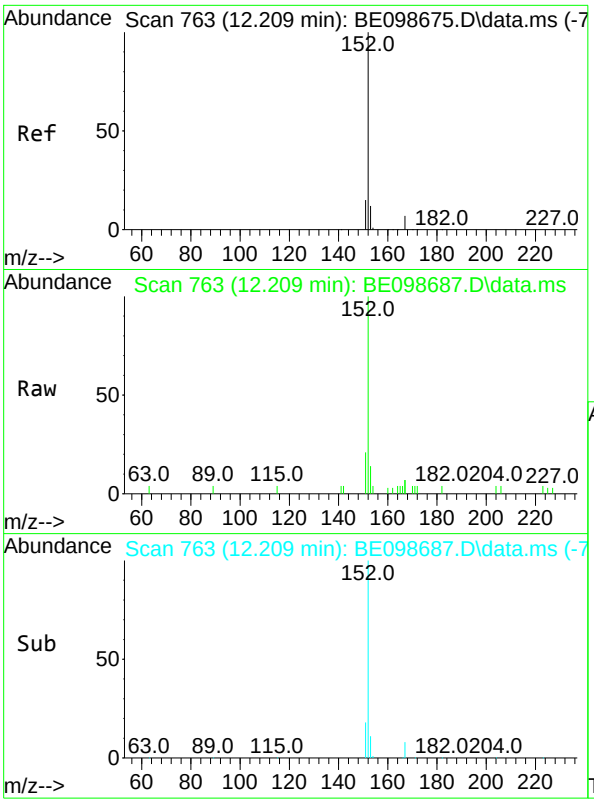
#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.926 min Scan# 674
Delta R.T. -0.013 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:225 Resp: 1195

Ion	Ratio	Lower	Upper
225	100		
223	63.0	47.8	71.8
227	62.5	50.5	75.7



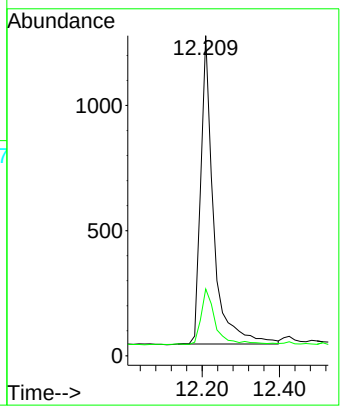
Instrument :
BNA_E
ClientSampleId :
PB116728BS

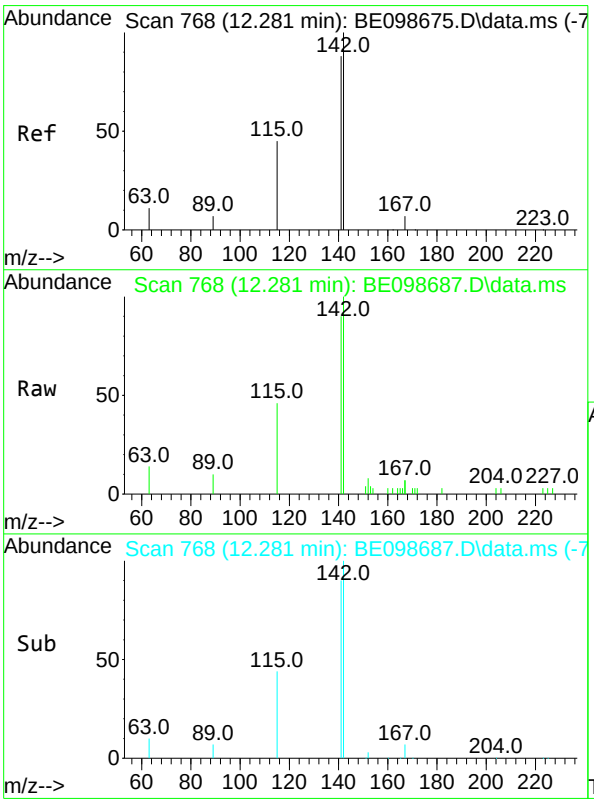


#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.209 min Scan# 763
Delta R.T. 0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:152 Resp: 2836

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4

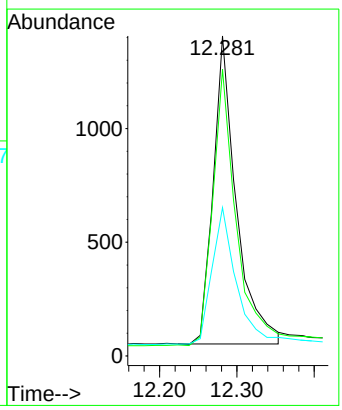




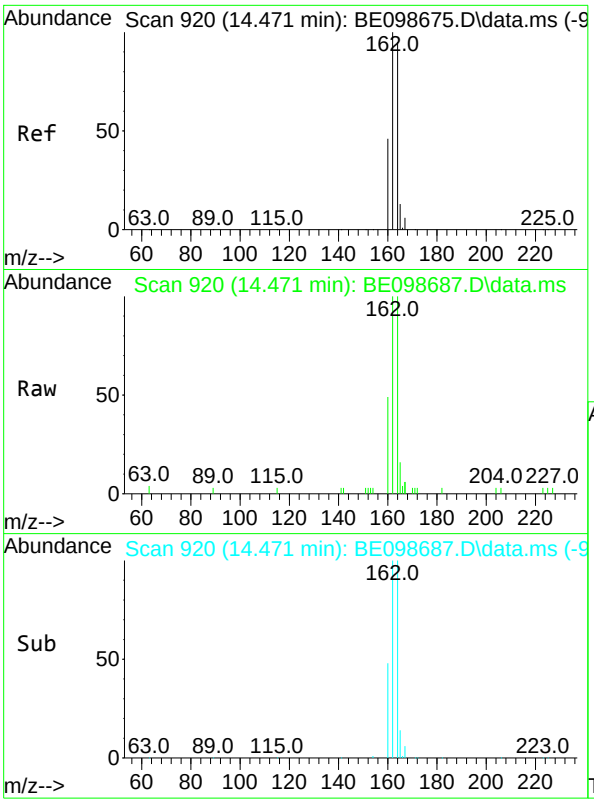
#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.281 min Scan# 768
Delta R.T. 0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:142 Resp: 2816

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.0	105.0
115	46.3	35.2	52.8



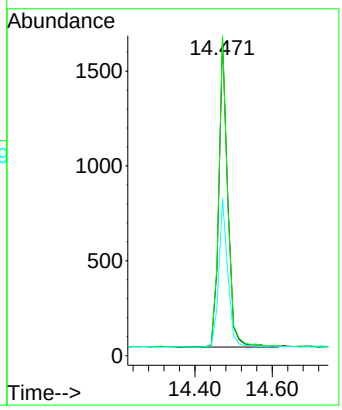
Instrument :
BNA_E
ClientSampleId :
PB116728BS

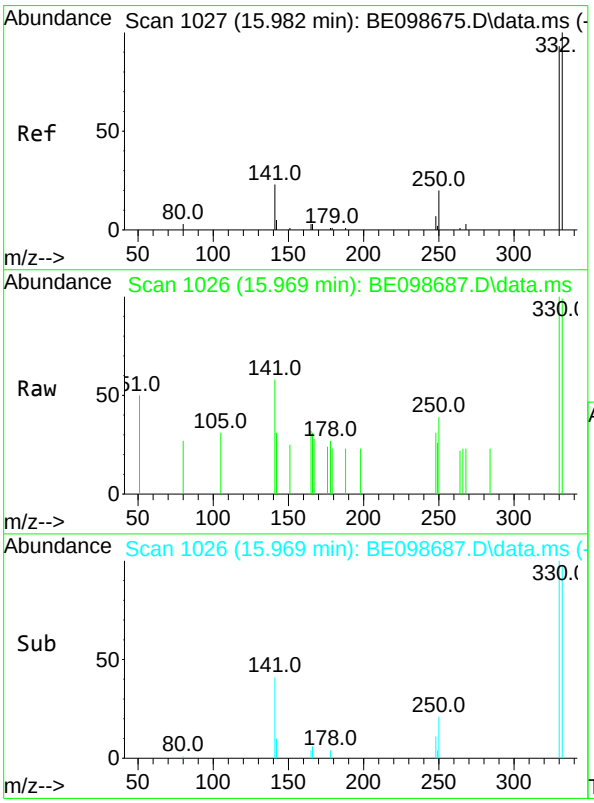


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. 0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:164 Resp: 2603

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.5	120.7
160	49.3	40.1	60.1

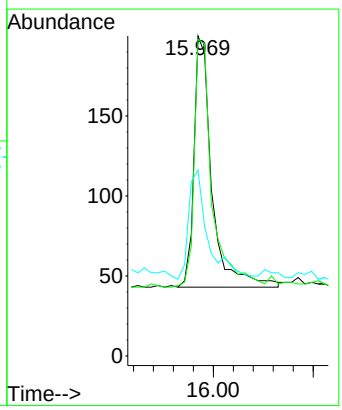




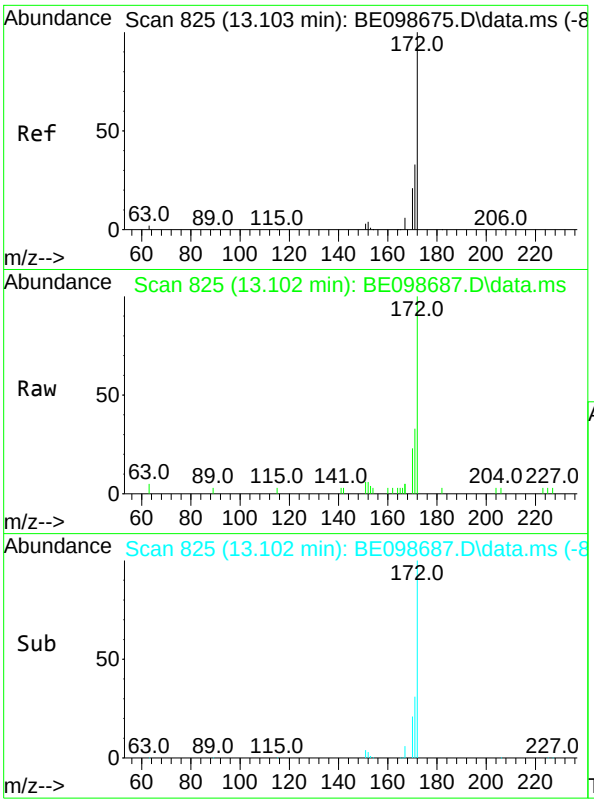
#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.969 min Scan# 1026
Delta R.T. -0.013 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:330 Resp: 392

Ion	Ratio	Lower	Upper
330	100		
332	98.5	73.3	109.9
141	46.9	33.1	49.7



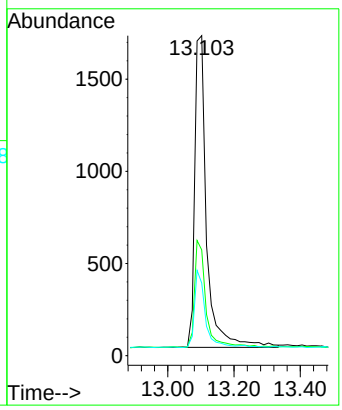
Instrument :
BNA_E
ClientSampleId :
PB116728BS

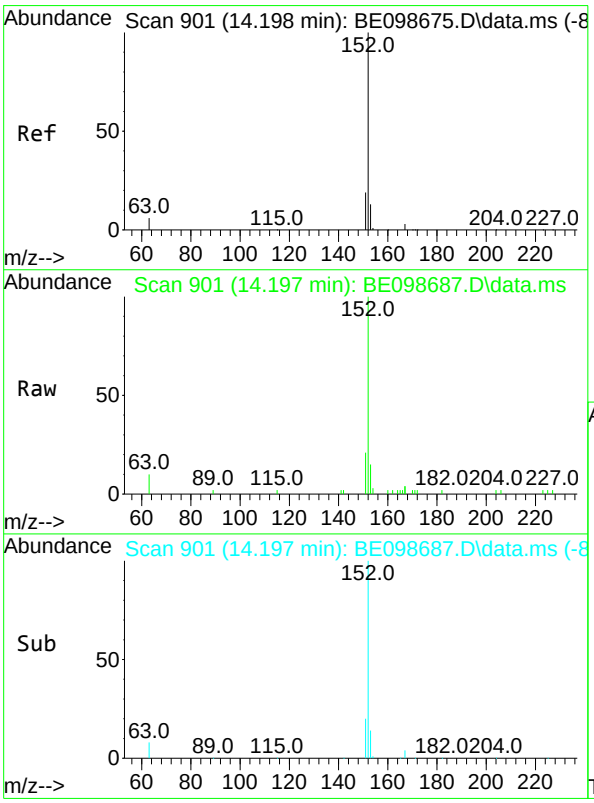


#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.102 min Scan# 825
Delta R.T. -0.001 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:172 Resp: 4244

Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.0	43.4
170	22.7	20.8	31.2

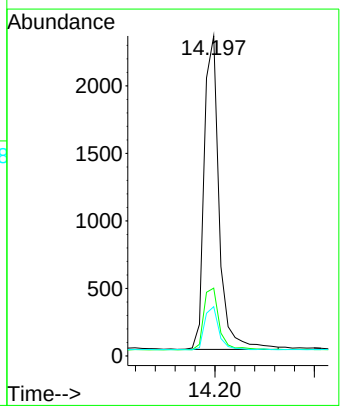




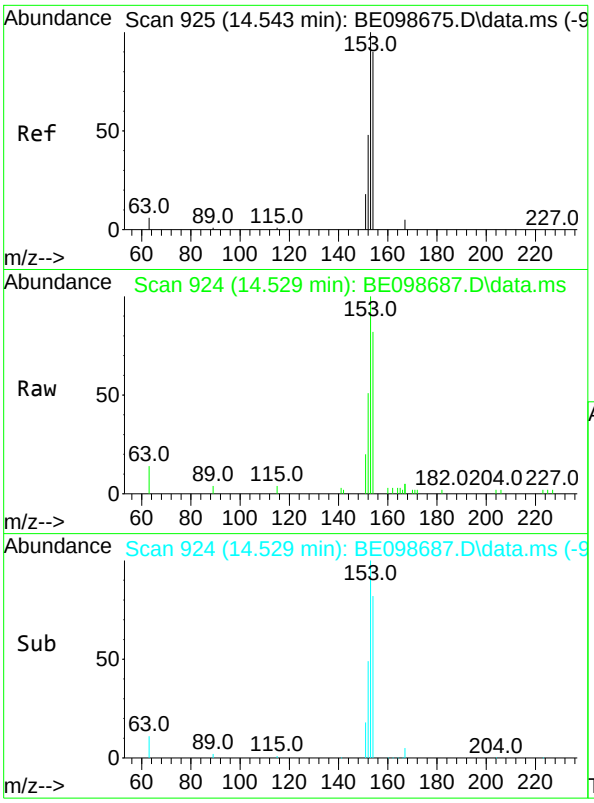
#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.197 min Scan# 901
Delta R.T. -0.001 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:152 Resp: 4840

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.1	10.7	16.1



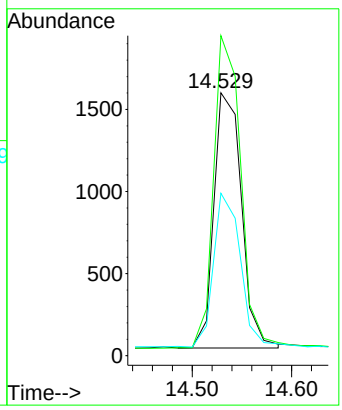
Instrument :
BNA_E
ClientSampleId :
PB116728BS

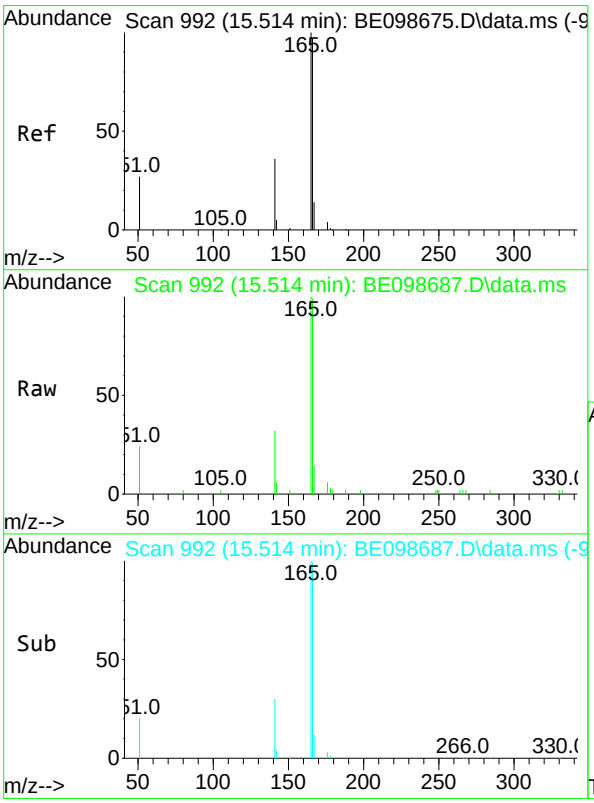


#17
Acenaphthene
Concen: 0.38 ng
RT: 14.529 min Scan# 924
Delta R.T. -0.014 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:154 Resp: 2993

Ion	Ratio	Lower	Upper
154	100		
153	120.3	93.9	140.9
152	58.2	45.8	68.8

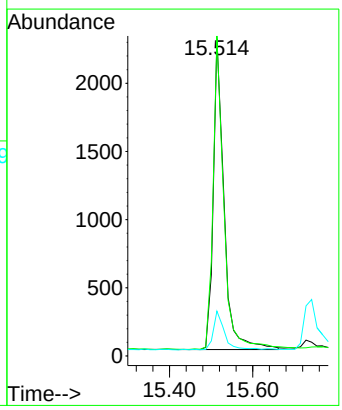




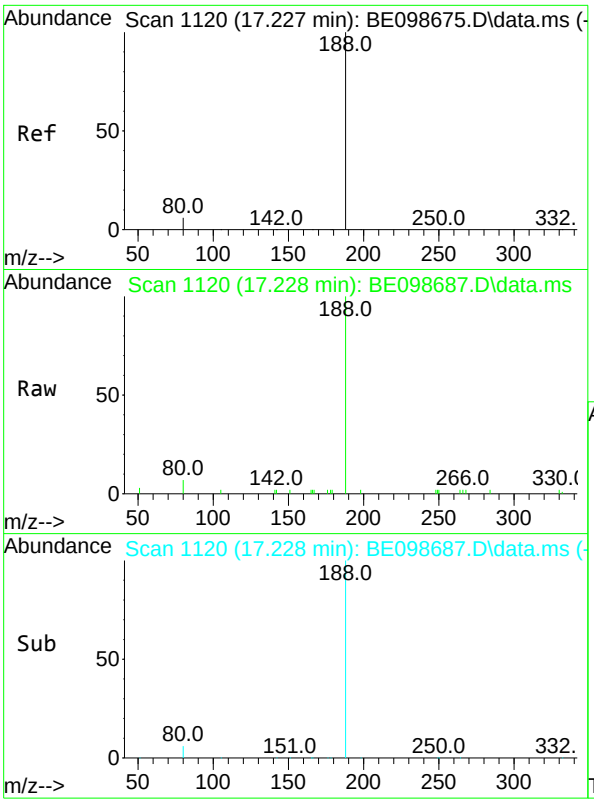
#18
Fluorene
Concen: 0.38 ng
RT: 15.514 min Scan# 992
Delta R.T. 0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:166 Resp: 4072

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.3	118.9
167	13.0	10.6	15.8



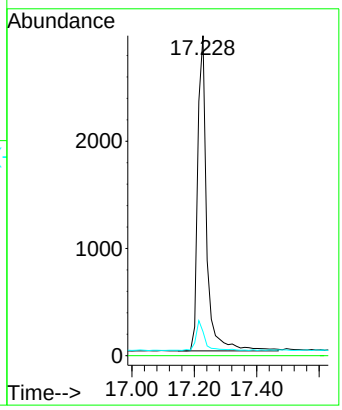
Instrument :
BNA_E
ClientSampleId :
PB116728BS

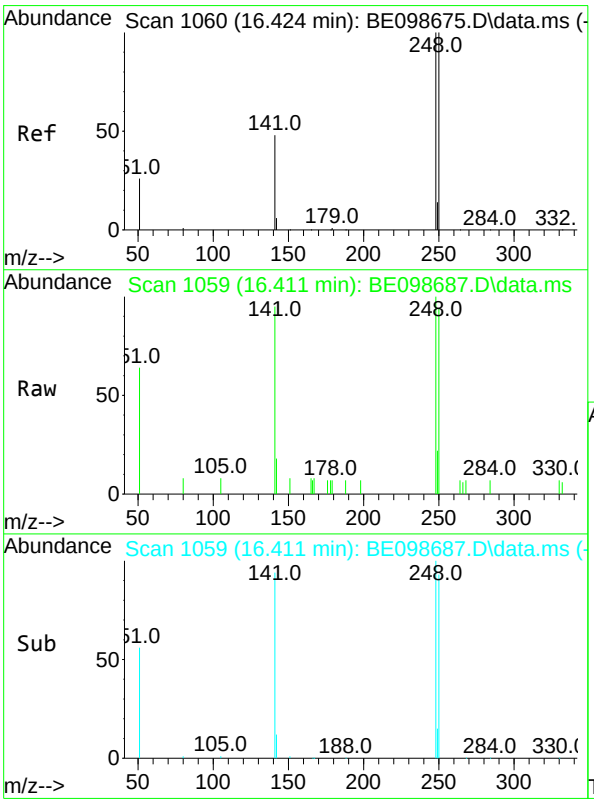


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:188 Resp: 5915

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	4.7	7.1#

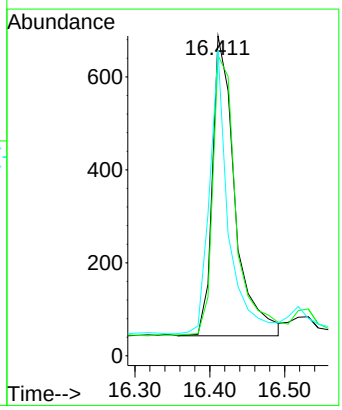




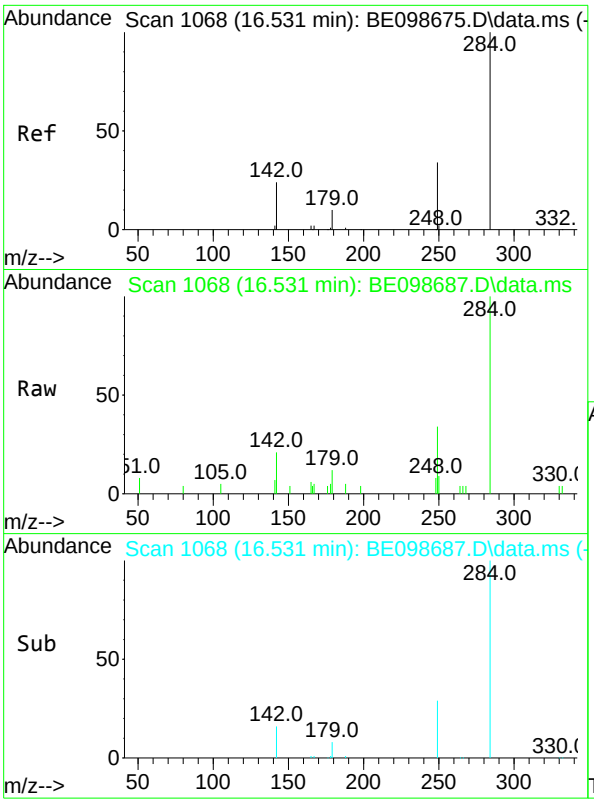
#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.411 min Scan# 1059
Delta R.T. -0.013 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:248 Resp: 1352

Ion	Ratio	Lower	Upper
248	100		
250	93.9	80.2	120.4
141	95.5	60.5	90.7#



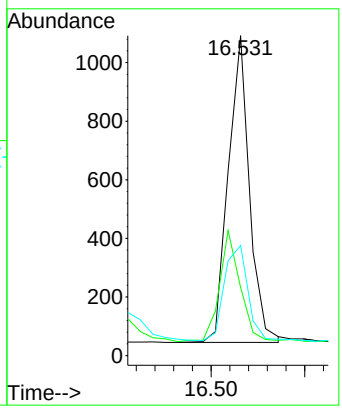
Instrument :
BNA_E
ClientSampleId :
PB116728BS

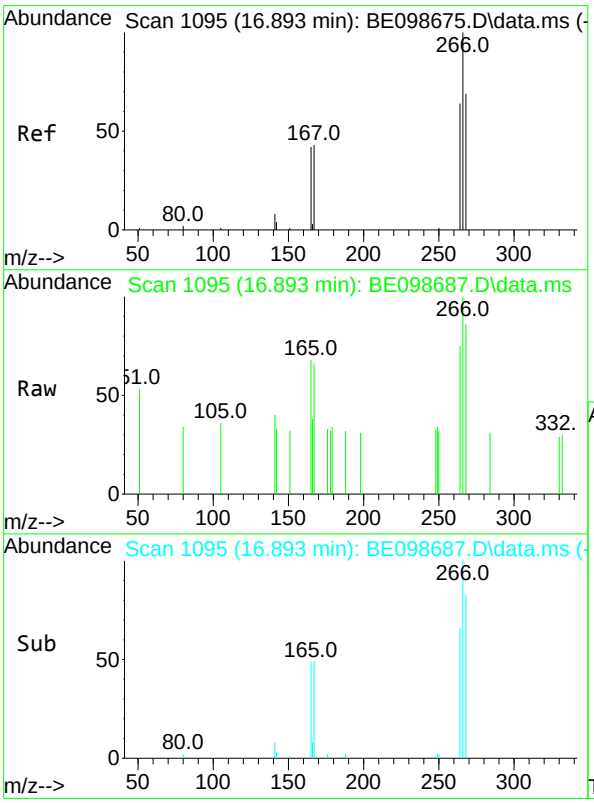


#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.531 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:284 Resp: 1646

Ion	Ratio	Lower	Upper
284	100		
142	35.1	25.5	38.3
249	34.4	26.6	39.8

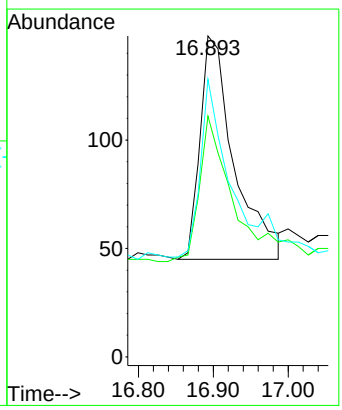




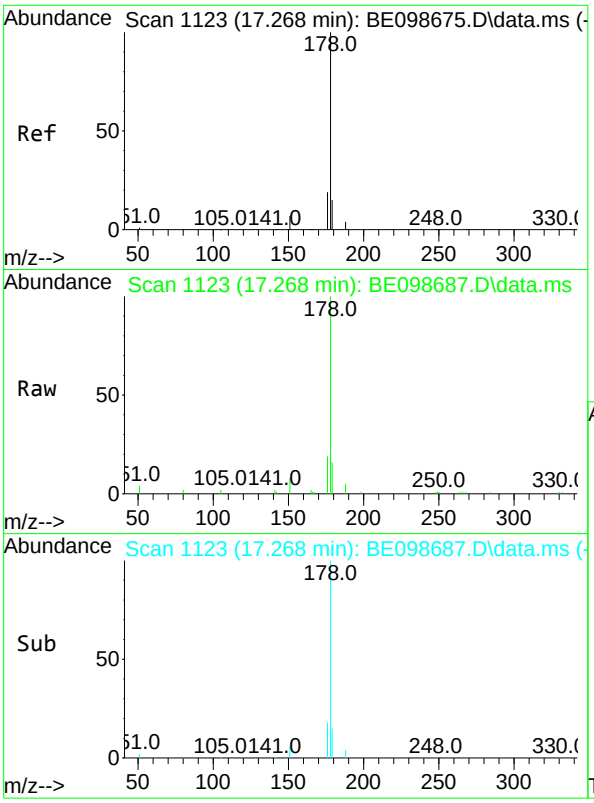
#22
Pentachlorophenol
Concen: 0.31 ng
RT: 16.893 min Scan# 1095
Delta R.T. -0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:266 Resp: 327

Ion	Ratio	Lower	Upper
266	100		
264	75.0	53.7	80.5
268	86.5	59.8	89.8



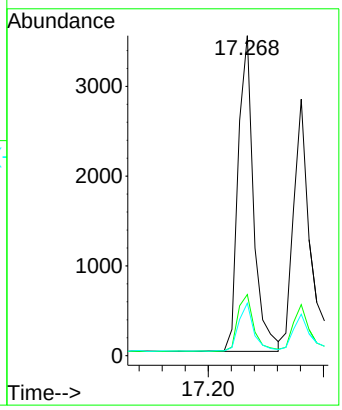
Instrument :
BNA_E
ClientSampleId :
PB116728BS

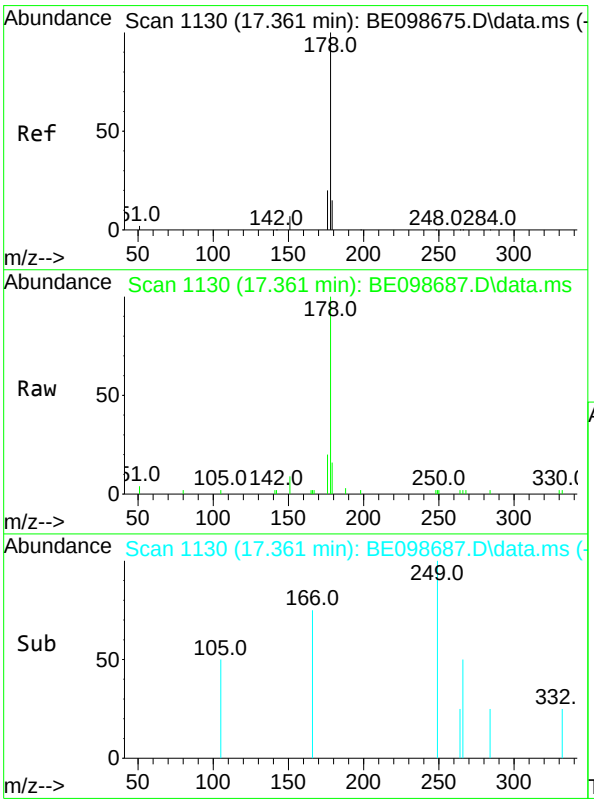


#23
Phenanthrene
Concen: 0.40 ng
RT: 17.268 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:178 Resp: 6550

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	14.9	12.2	18.4

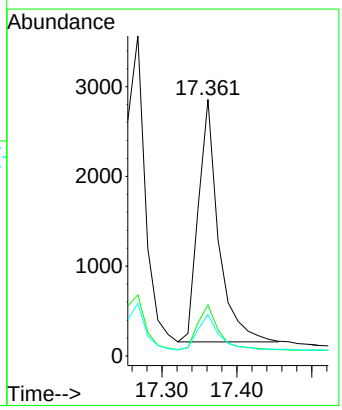




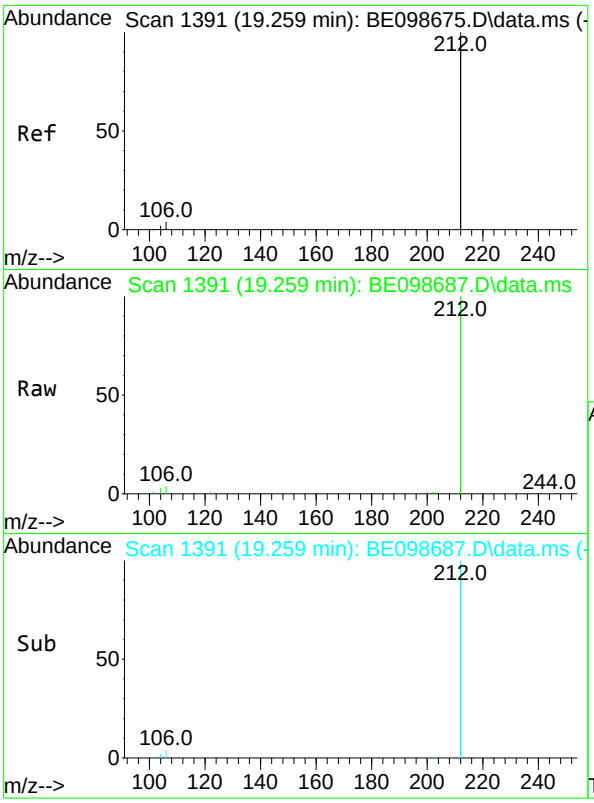
#24
Anthracene
Concen: 0.38 ng
RT: 17.361 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:178 Resp: 5066

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.8	11.8	17.8



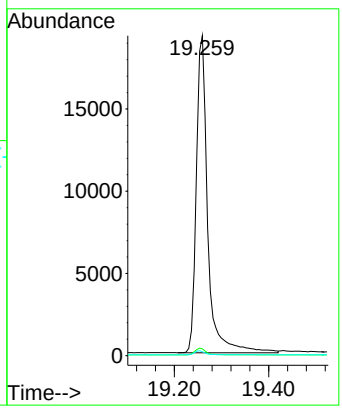
Instrument :
BNA_E
ClientSampleId :
PB116728BS

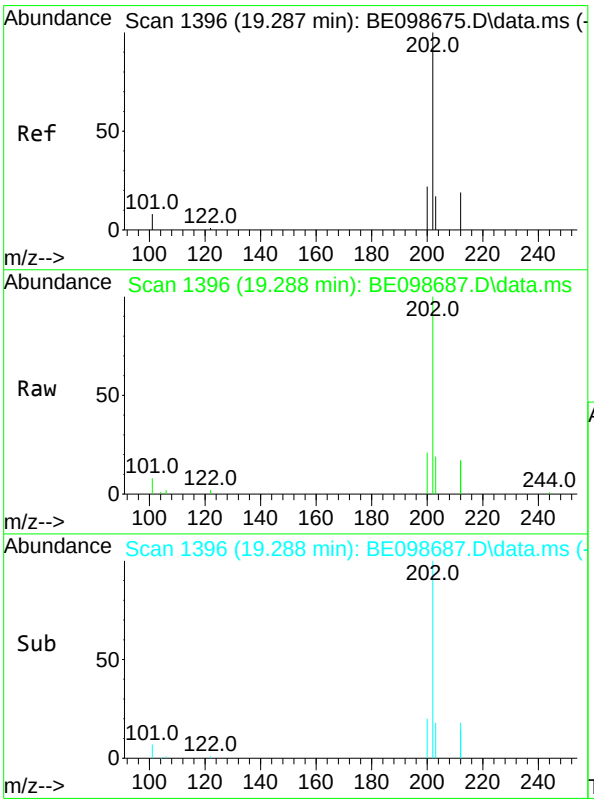


#25
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.259 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:212 Resp: 32471

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

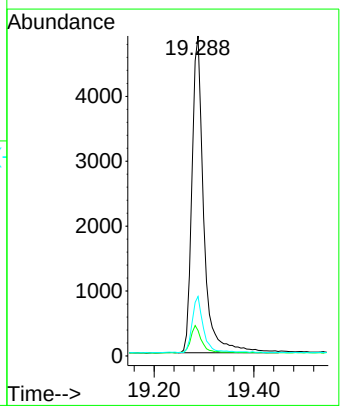




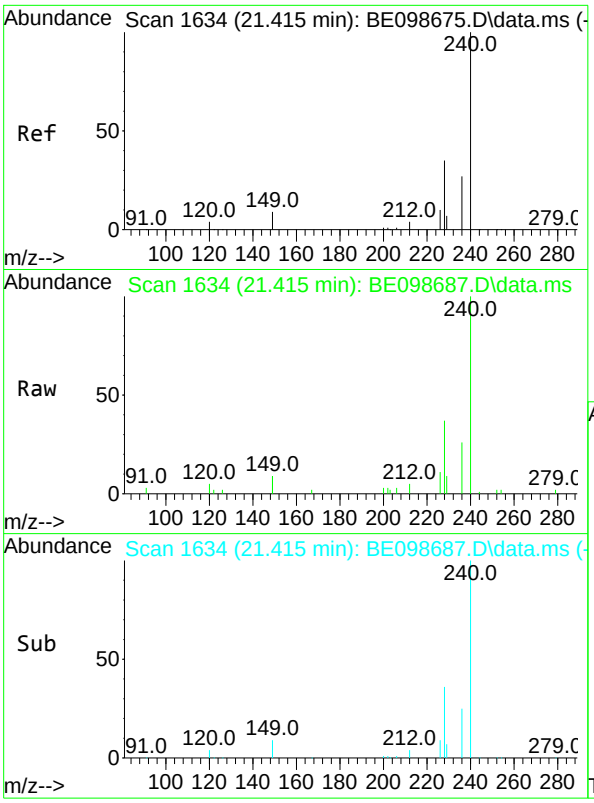
#26
Fluoranthene
Concen: 0.39 ng
RT: 19.288 min Scan# 1396
Delta R.T. 0.001 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:202 Resp: 8080

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.7	10.1
203	16.8	13.3	19.9



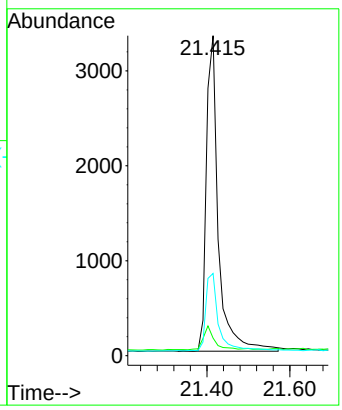
Instrument :
BNA_E
ClientSampleId :
PB116728BS

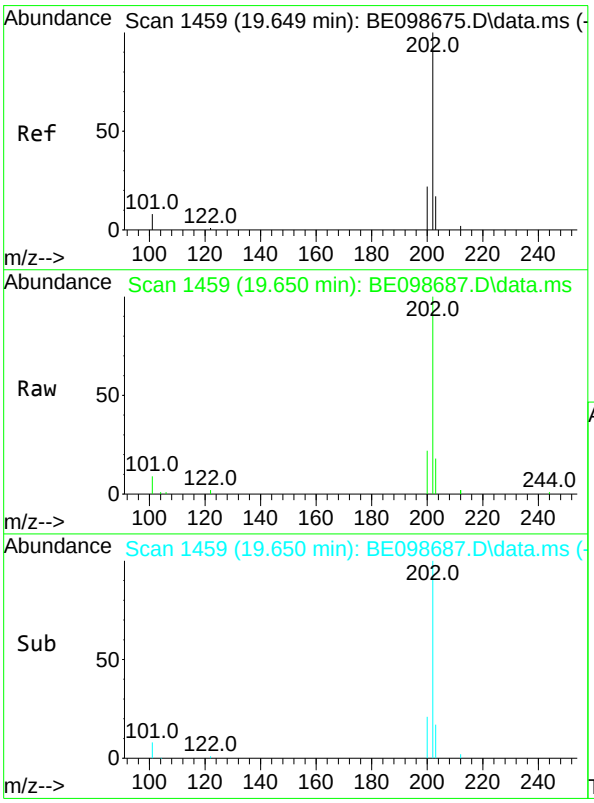


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:240 Resp: 6664

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.7	7.1
236	25.7	21.9	32.9

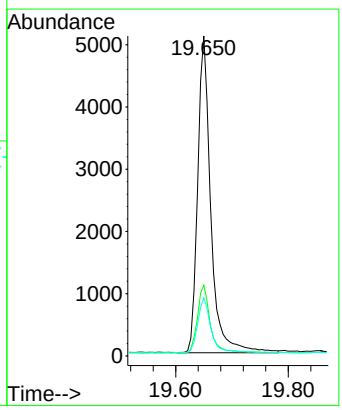




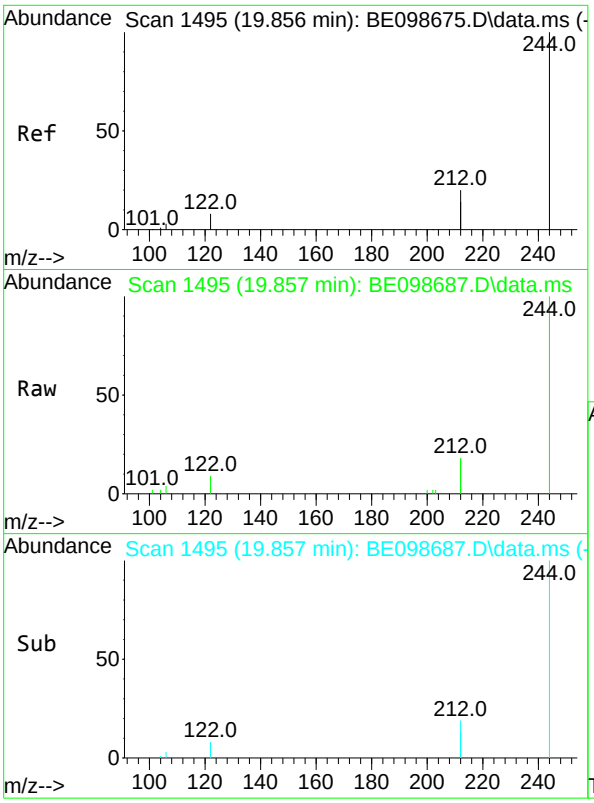
#28
Pyrene
Concen: 0.39 ng
RT: 19.650 min Scan# 1459
Delta R.T. 0.001 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:202 Resp: 8264

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.7	13.8	20.8



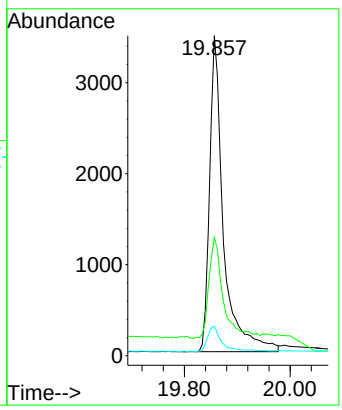
Instrument :
BNA_E
ClientSampleId :
PB116728BS

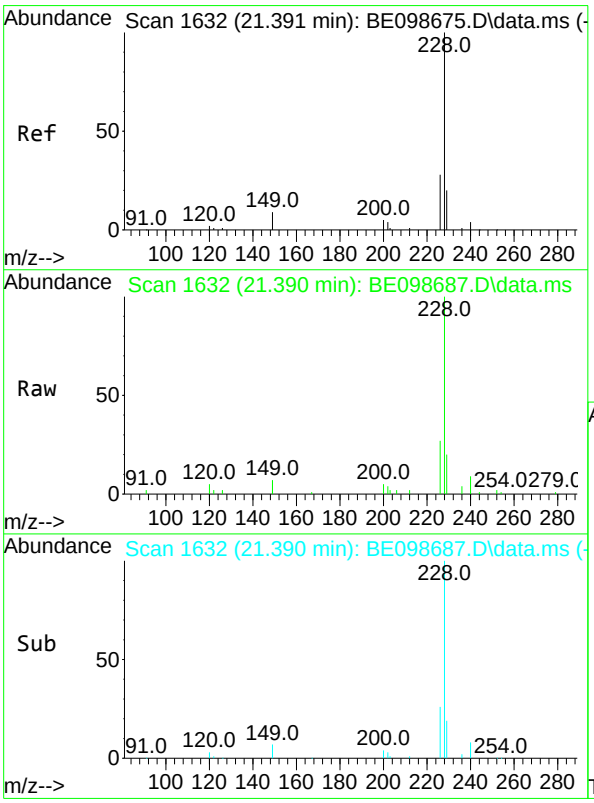


#29
Terphenyl-d14
Concen: 0.38 ng
RT: 19.857 min Scan# 1495
Delta R.T. 0.001 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:244 Resp: 6305

Ion	Ratio	Lower	Upper
244	100		
212	36.9	29.4	44.2
122	9.2	7.1	10.7

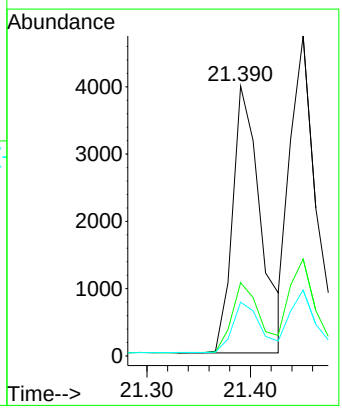


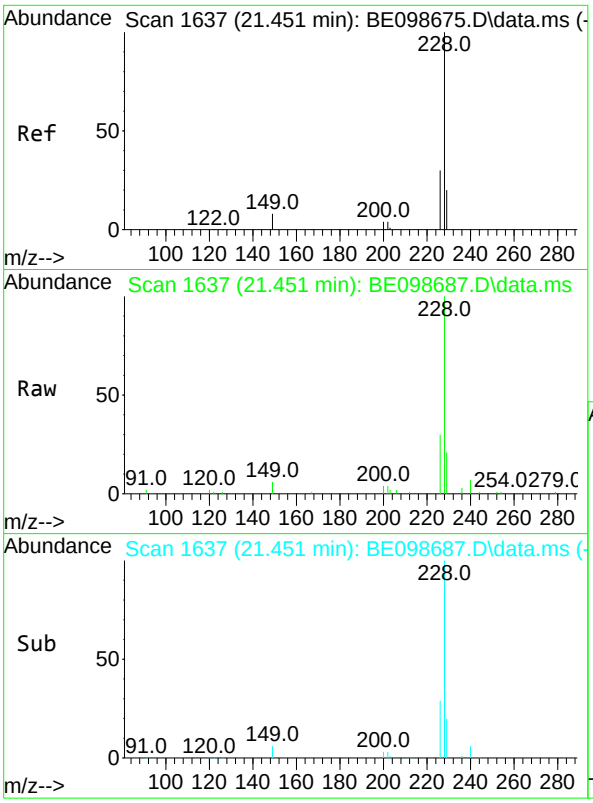


#30
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.390 min Scan# 1632
Delta R.T. -0.001 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:228 Resp: 7455

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.0	34.4
229	19.9	15.0	22.6

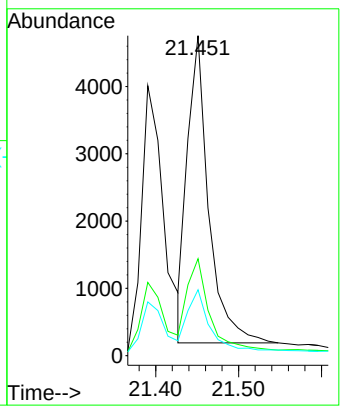




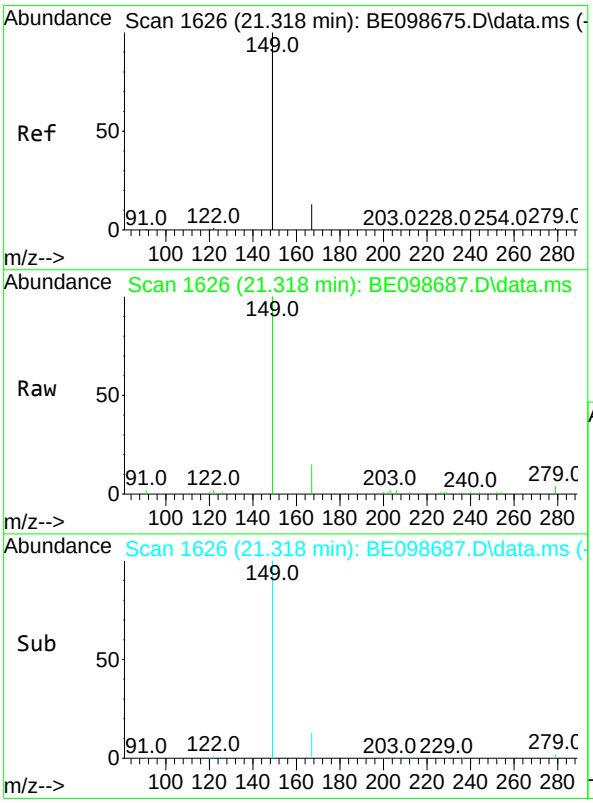
#31
Chrysene
Concen: 0.37 ng
RT: 21.451 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:228 Resp: 8127

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	36.8
229	20.6	16.4	24.6



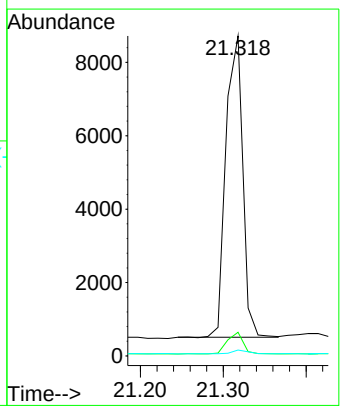
Instrument :
BNA_E
ClientSampleId :
PB116728BS



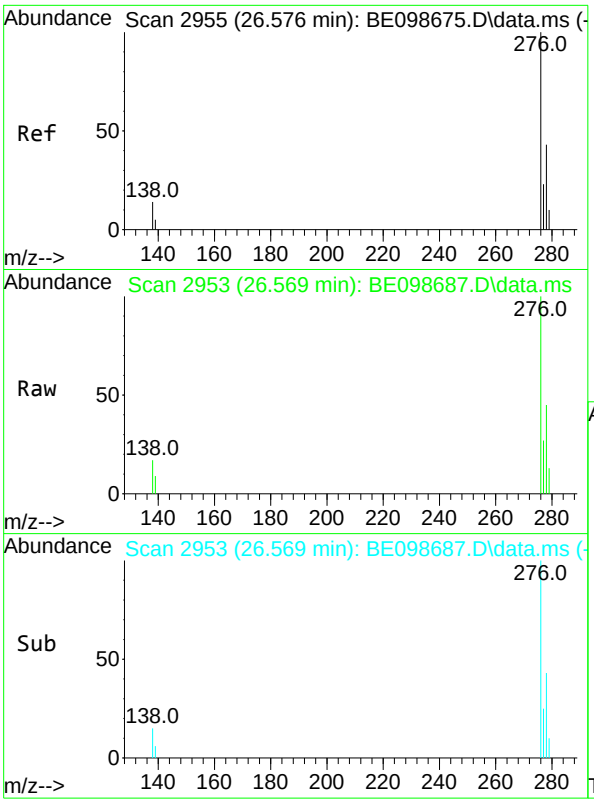
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.318 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:149 Resp: 11581

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.2
279	1.2	1.0	1.4



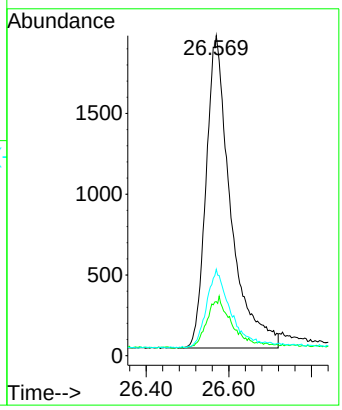
Instrument :
BNA_E
ClientSampleId :
PB116728BS

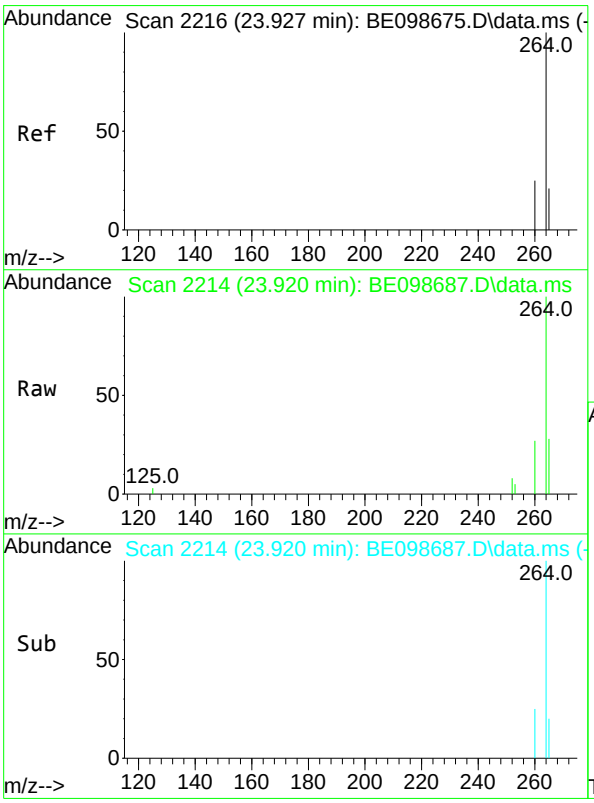


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 26.569 min Scan# 2953
Delta R.T. -0.007 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:276 Resp: 7965

Ion	Ratio	Lower	Upper
276	100		
138	15.8	13.3	19.9
277	24.0	19.4	29.0

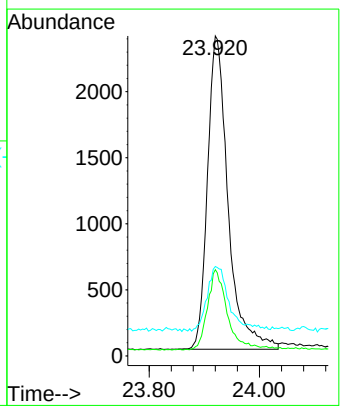




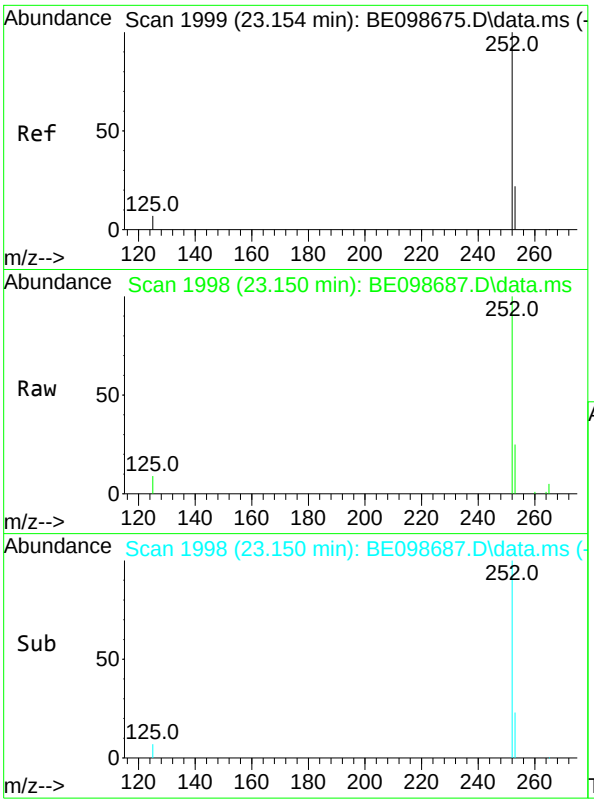
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.920 min Scan# 2214
Delta R.T. -0.007 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:264 Resp: 6152

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.5	30.7
265	28.0	22.3	33.5



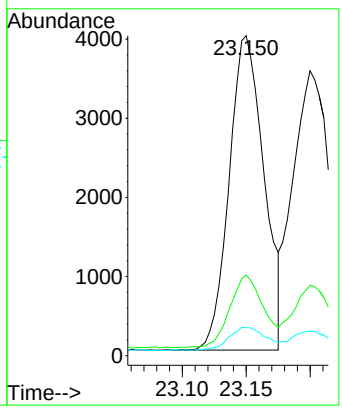
Instrument :
BNA_E
ClientSampleId :
PB116728BS

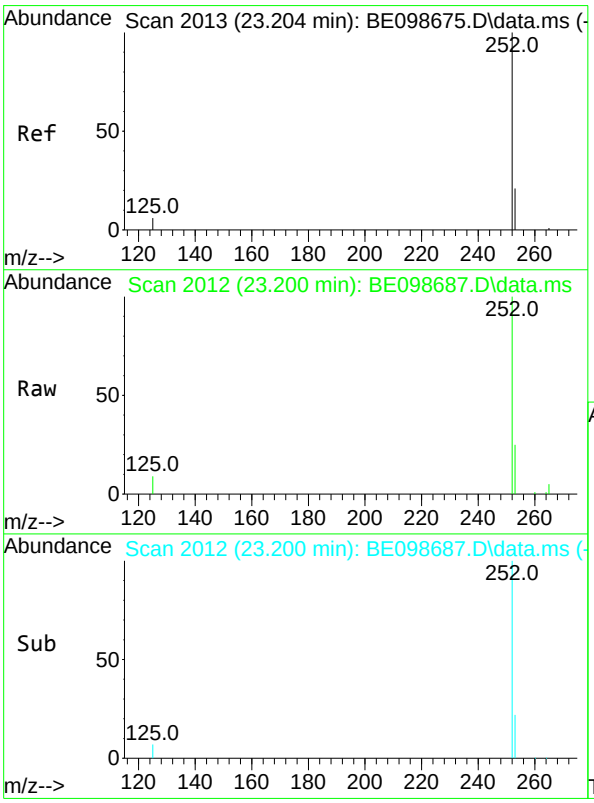


#35
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.150 min Scan# 1998
Delta R.T. -0.004 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:252 Resp: 7520

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.4	29.0
125	8.8	8.2	12.4

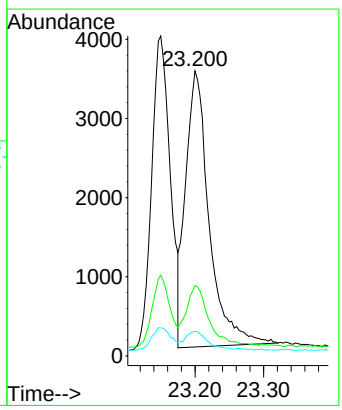




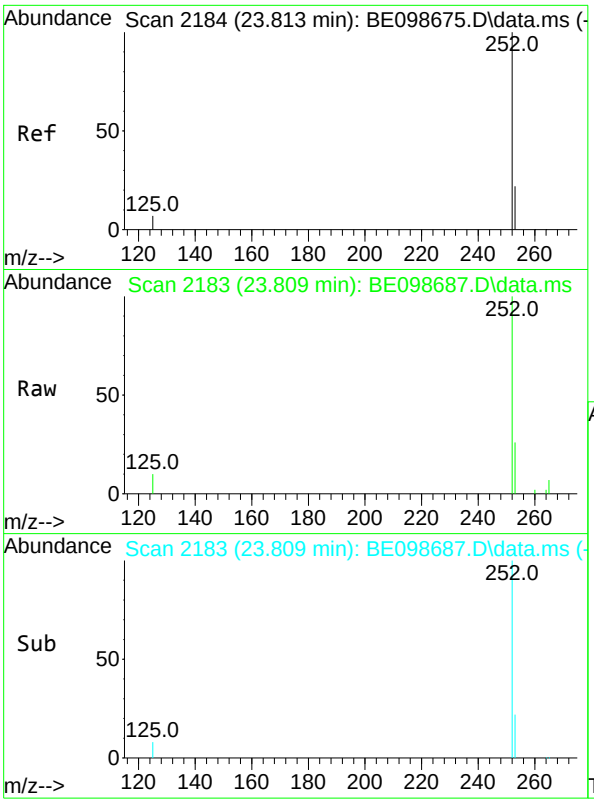
#36
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.200 min Scan# 2012
Delta R.T. -0.004 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:252 Resp: 8320

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.0	28.4
125	8.6	7.0	10.4



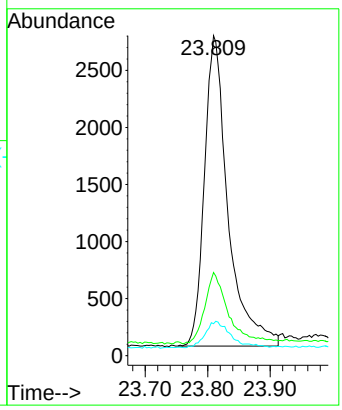
Instrument :
BNA_E
ClientSampleId :
PB116728BS

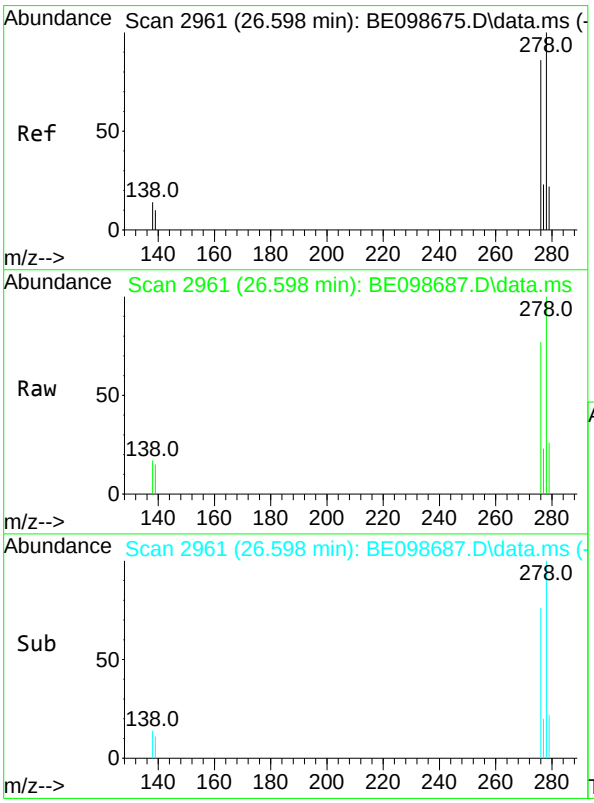


#37
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.809 min Scan# 2183
Delta R.T. -0.004 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:252 Resp: 7134

Ion	Ratio	Lower	Upper
252	100		
253	26.0	21.0	31.4
125	10.0	9.2	13.8

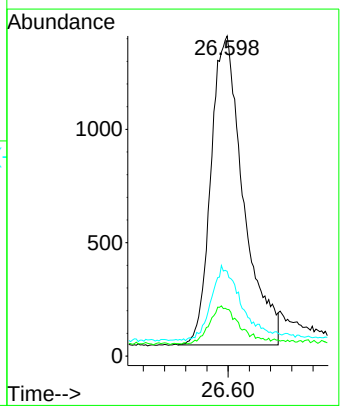


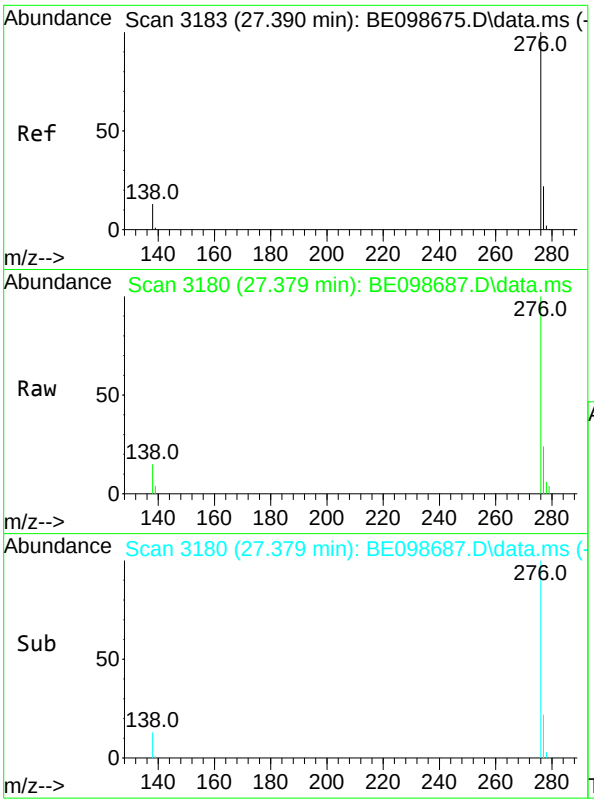


#38
Dibenzo(a,h)anthracene
Concen: 0.33 ng
RT: 26.598 min Scan# 2961
Delta R.T. 0.000 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:278 Resp: 5788

Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.7	19.1
279	26.5	22.0	33.0

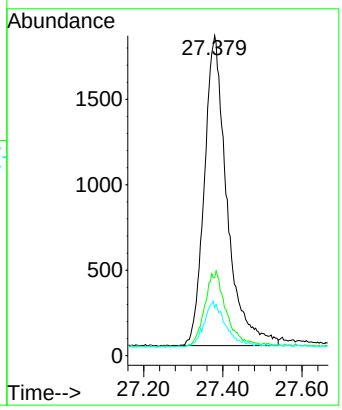




#39
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.379 min Scan# 3180
Delta R.T. -0.011 min
Lab File: BE098687.D
Acq: 1 Feb 2019 11:15

Tgt Ion:276 Resp: 7198

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.3	30.5
138	15.0	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
PB116728BS