Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098761.D
Acq On : 26 Feb 2019 15:10
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE022619

Quant Time: Feb 26 16:22:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE022619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 26 15:44:42 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	900	0.40	ng		-0.01
7) Naphthalene-d8	10.600	136	3835	0.40	ng		# 0.00
13) Acenaphthene-d10	14.470	164	2563	0.40	ng		0.00
19) Phenanthrene-d10	17.228	188	5974	0.40	ng		# 0.00
27) Chrysene-d12	21.415	240	6577	0.40	ng		0.00
34) Perylene-d12	23.922	264	6092	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.409	112	881	0.38	ng		0.00
5) Phenol-d6	6.998	99	1307	0.37	ng		0.00
8) Nitrobenzene-d5	8.976	82	1448	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.208	152	2764	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.983	330	387	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.101	172	3987	0.37	ng		0.01
25) Fluoranthene-d10	19.259	212	32634	0.38	ng		0.00
29) Terphenyl-d14	19.857	244	6088	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.313	88	597	0.38	ng		94
3) n-Nitrosodimethylamine	3.658	42	571	0.34	ng	#	93
6) bis(2-Chloroethyl)ether	7.240	93	847	0.36	ng		92
9) Naphthalene	10.652	128	16956	0.38	ng		100
10) Hexachlorobutadiene	10.925	225	1119	0.38	ng		97
12) 2-Methylnaphthalene	12.280	142	2704	0.38	ng		97
16) Acenaphthylene	14.196	152	4866	0.37	ng		99
17) Acenaphthene	14.542	154	2877	0.37	ng		97
18) Fluorene	15.515	166	3986	0.37	ng		99
20) 4-Bromophenyl-phenylether	16.411	248	1265	0.38	ng	#	87
21) Hexachlorobenzene	16.532	284	1562	0.39	ng		98
22) Pentachlorophenol	16.893	266	408	0.52	ng		94
23) Phenanthrene	17.268	178	6332	0.39	ng		99
24) Anthracene	17.362	178	4892	0.38	ng		98
26) Fluoranthene	19.288	202	8070	0.38	ng		99
28) Pyrene	19.650	202	8189	0.37	ng		99
30) Benzo(a)anthracene	21.391	228	7607	0.40	ng		98
31) Chrysene	21.451	228	7985	0.37	ng		99
32) Bis(2-ethylhexyl)phtha...	21.306	149	13776	0.34	ng		99
33) Indeno(1,2,3-cd)pyrene	26.574	276	9315	0.51	ng		99
35) Benzo(b)fluoranthene	23.149	252	7701	0.40	ng		99
36) Benzo(k)fluoranthene	23.202	252	8388	0.42	ng		97
37) Benzo(a)pyrene	23.812	252	7285	0.41	ng		99
38) Dibenzo(a,h)anthracene	26.591	278	7859	0.60	ng		98
39) Benzo(g,h,i)perylene	27.376	276	7849	0.47	ng		98

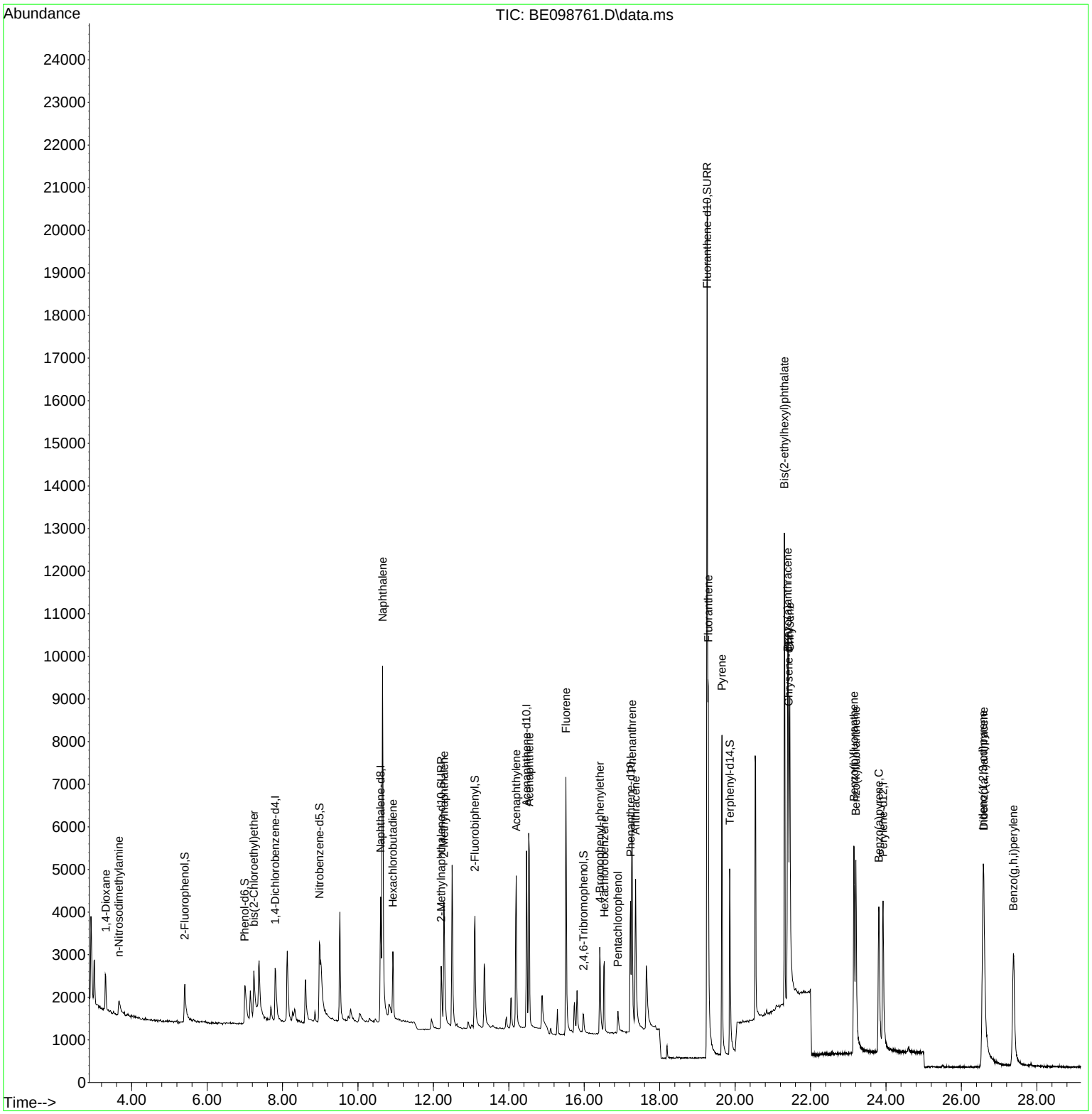
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

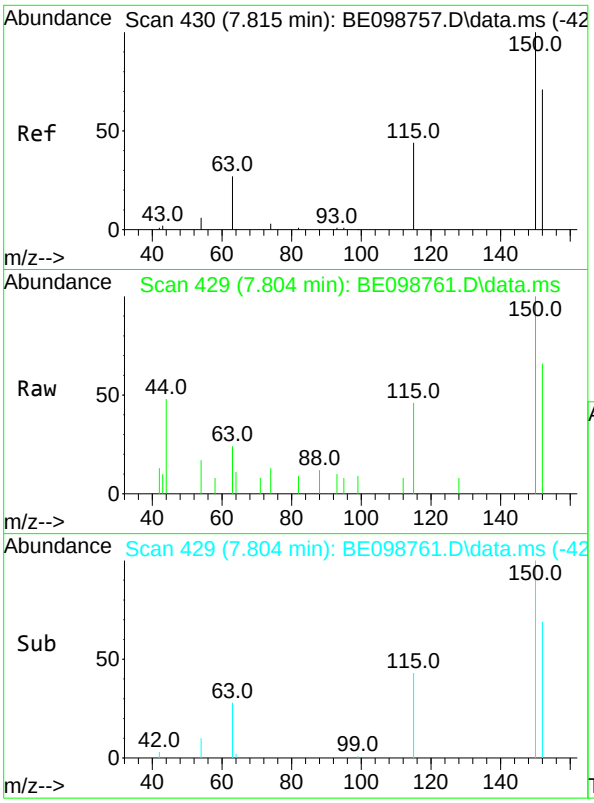
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098761.D
Acq On : 26 Feb 2019 15:10
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE022619

Quant Time: Feb 26 16:22:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE022619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 26 15:44:42 2019
Response via : Initial Calibration



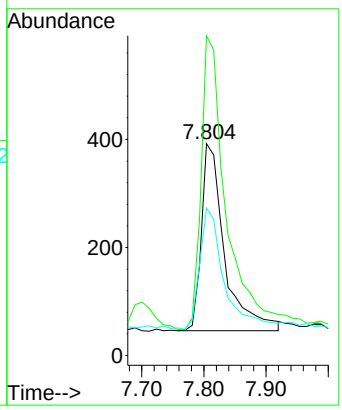
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

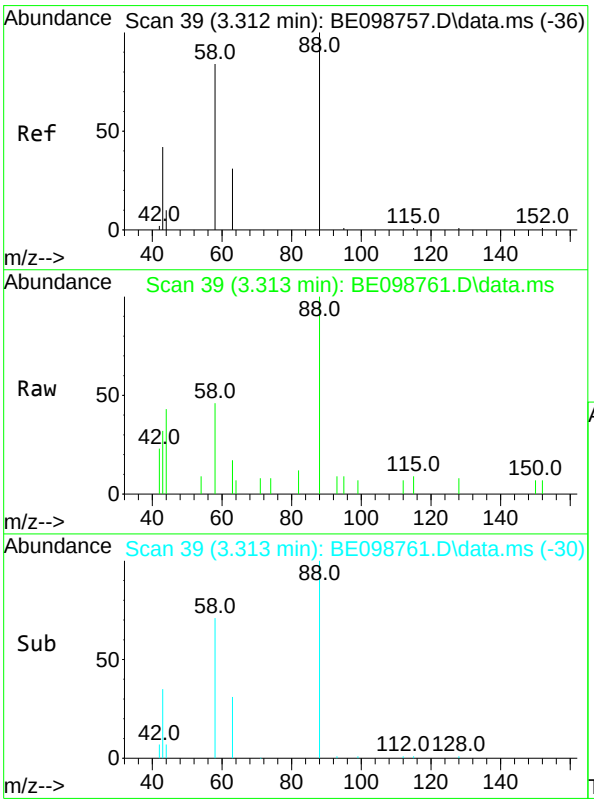


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.804 min Scan# 429
Delta R.T. -0.011 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:152 Resp: 900

Ion	Ratio	Lower	Upper
152	100		
150	151.0	121.4	182.2
115	69.6	59.1	88.7

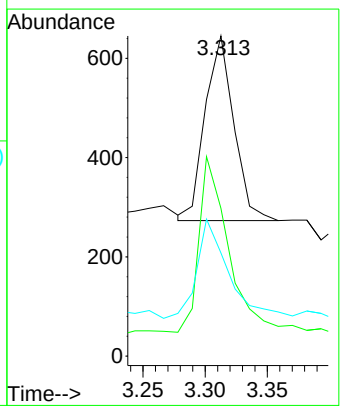




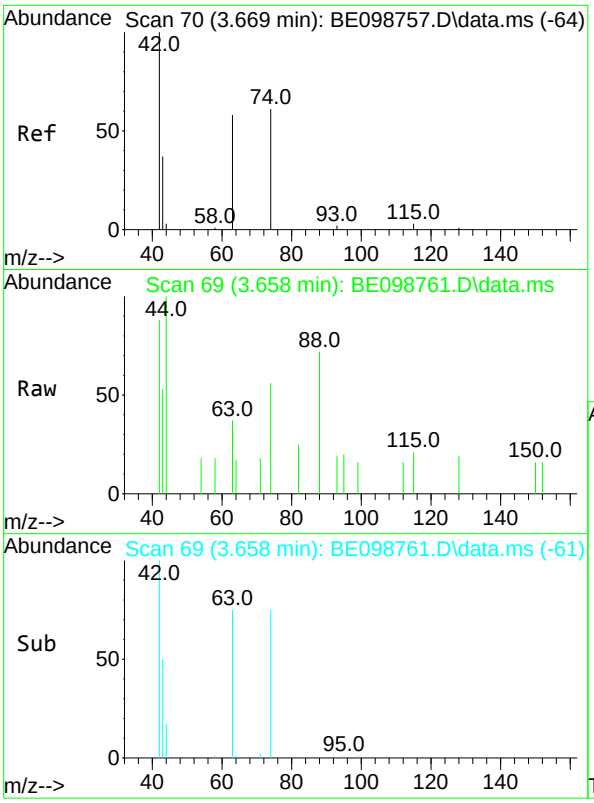
#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.313 min Scan# 39
Delta R.T. 0.000 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion: 88 Resp: 597

Ion	Ratio	Lower	Upper
88	100		
58	98.7	73.9	110.9
43	59.0	43.7	65.5



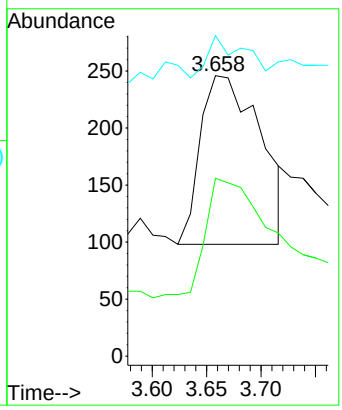
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

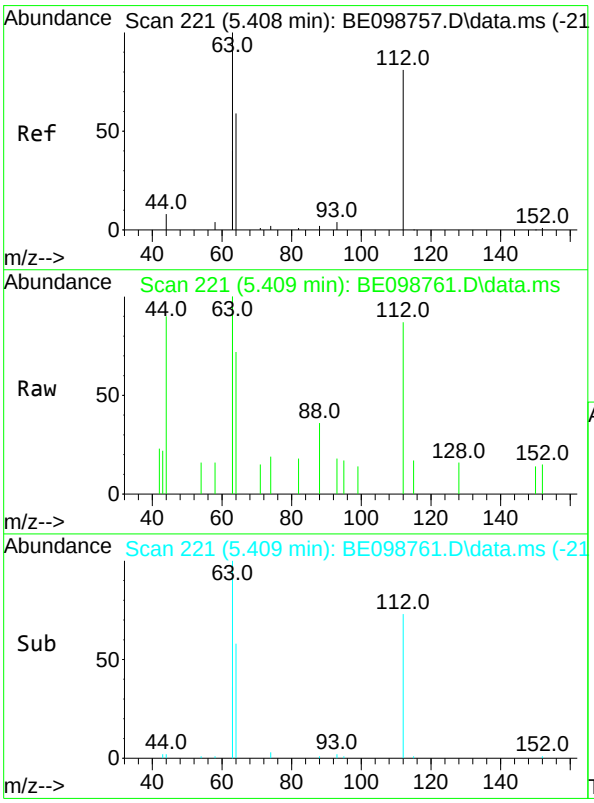


#3
n-Nitrosodimethylamine
Concen: 0.34 ng
RT: 3.658 min Scan# 69
Delta R.T. -0.011 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion: 42 Resp: 571

Ion	Ratio	Lower	Upper
42	100		
74	67.6	58.9	88.3
44	14.9	0.0	0.0#

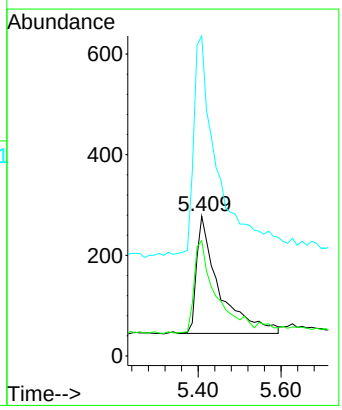




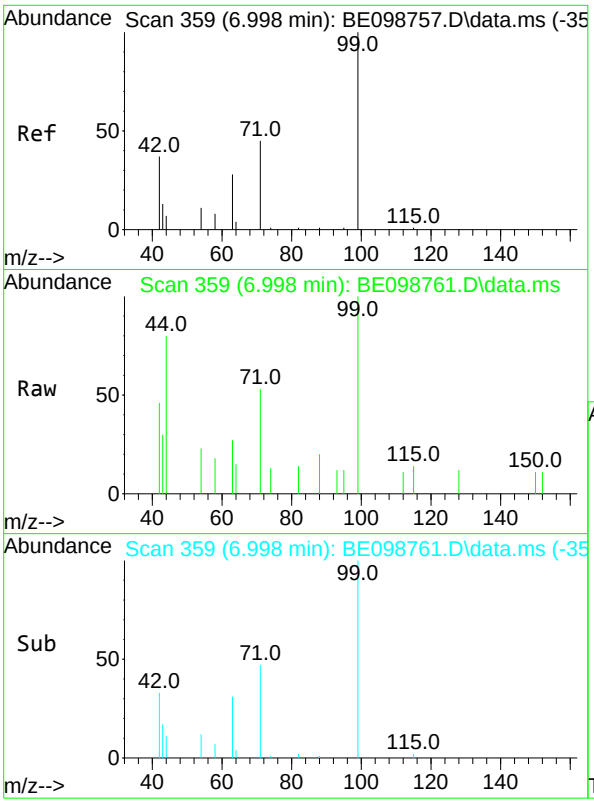
#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.409 min Scan# 221
Delta R.T. 0.000 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:112 Resp: 881

Ion	Ratio	Lower	Upper
112	100		
64	76.0	62.9	94.3
63	204.0	152.2	228.4



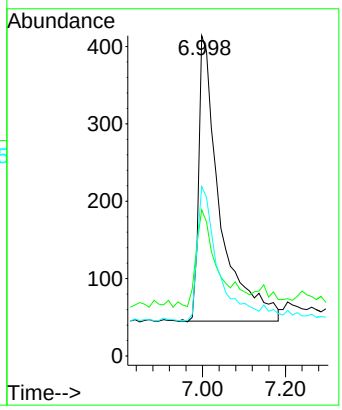
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

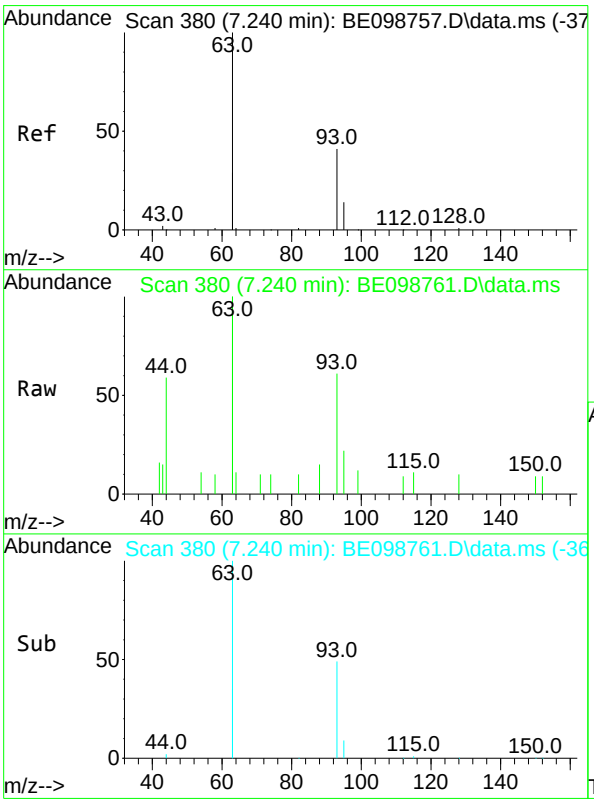


#5
Phenol-d6
Concen: 0.37 ng
RT: 6.998 min Scan# 359
Delta R.T. 0.000 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion: 99 Resp: 1307

Ion	Ratio	Lower	Upper
99	100		
42	32.8	24.6	37.0
71	45.4	35.1	52.7

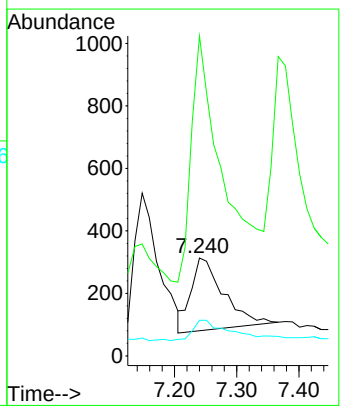




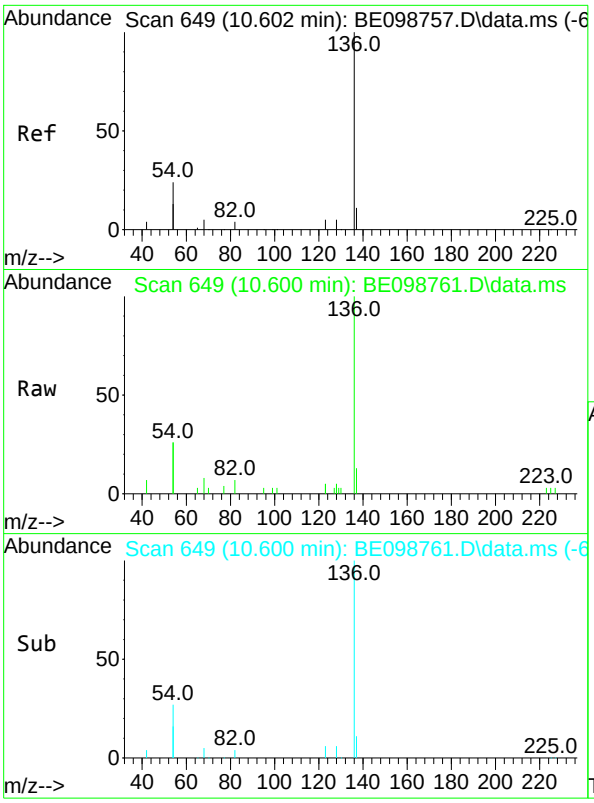
#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.240 min Scan# 380
Delta R.T. -0.000 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion: 93 Resp: 847

Ion	Ratio	Lower	Upper
93	100		
63	316.3	267.3	400.9
95	33.9	26.2	39.4



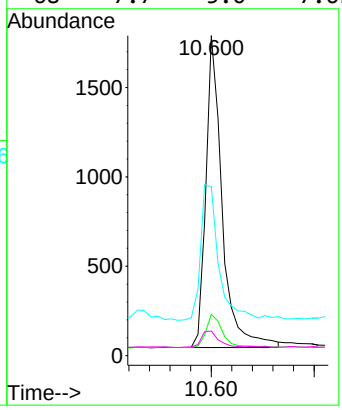
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

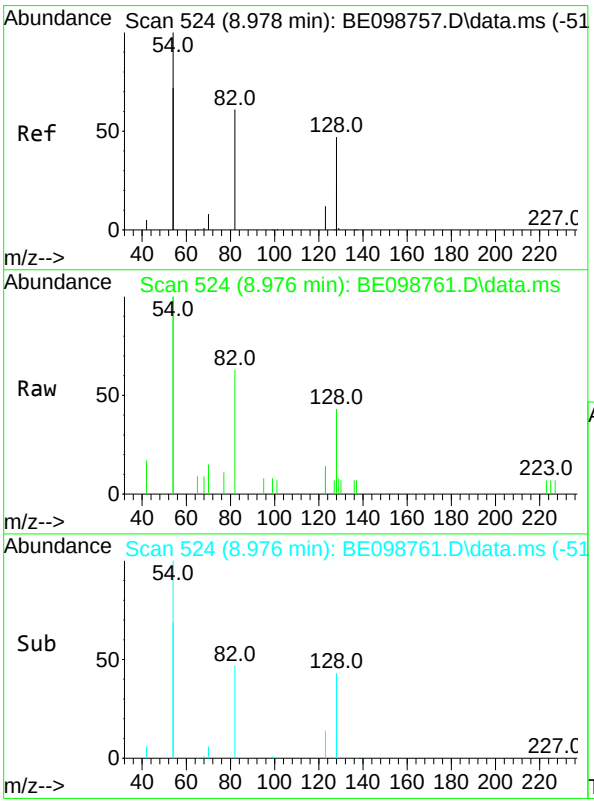


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.600 min Scan# 649
Delta R.T. -0.002 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:136 Resp: 3835

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.7	14.5
54	52.8	35.5	53.3
68	7.7	5.0	7.6#

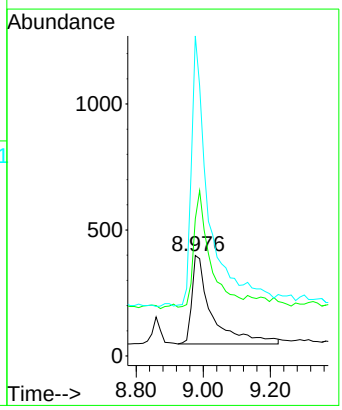




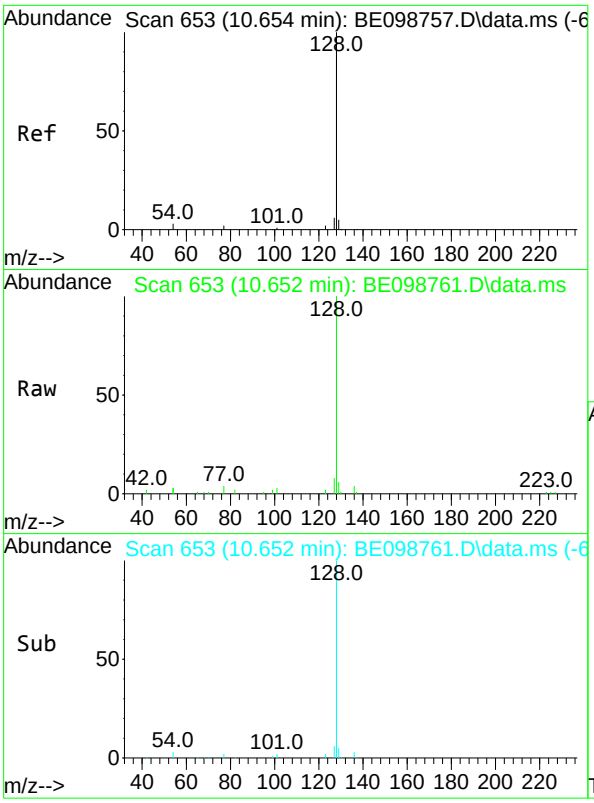
#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.976 min Scan# 524
Delta R.T. -0.002 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion: 82 Resp: 1448

Ion	Ratio	Lower	Upper
82	100		
128	136.3	96.5	144.7
54	318.3	224.7	337.1



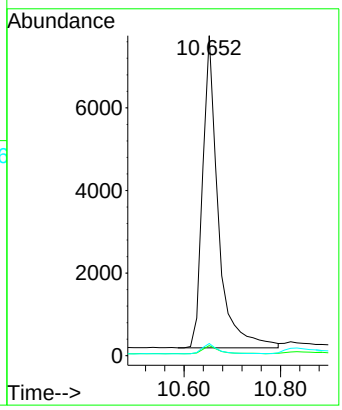
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

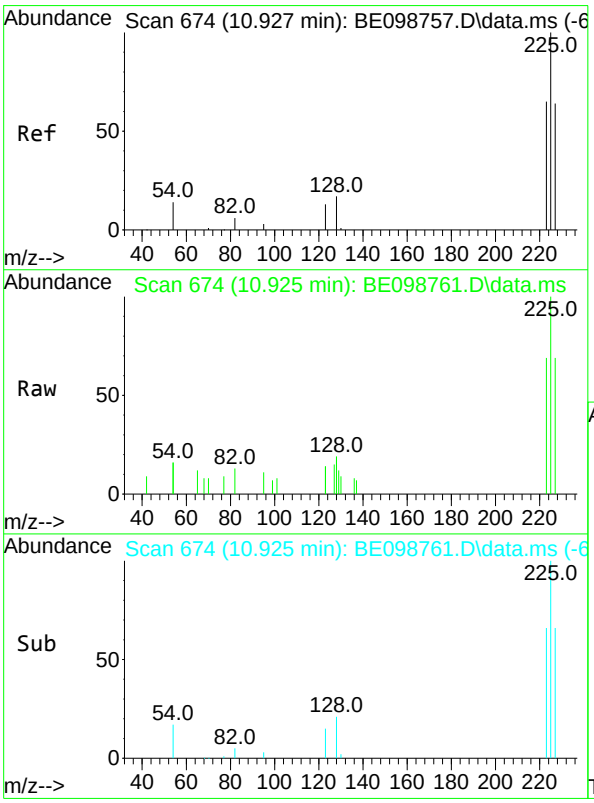


#9
Naphthalene
Concen: 0.38 ng
RT: 10.652 min Scan# 653
Delta R.T. -0.002 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:128 Resp: 16956

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

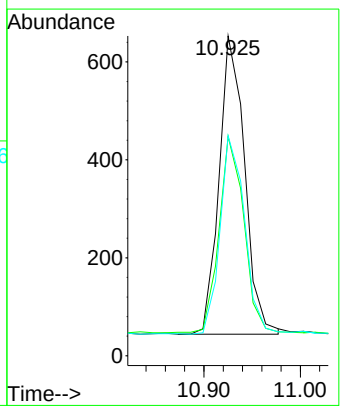




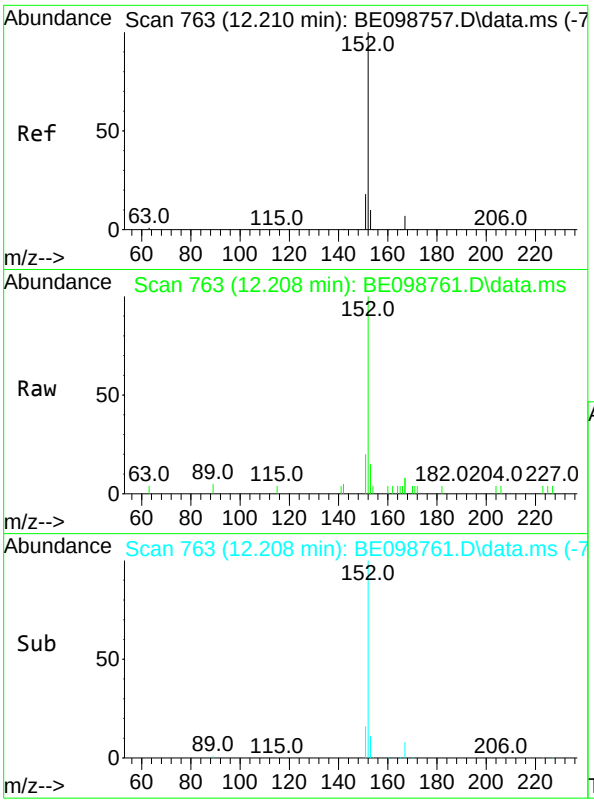
#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.925 min Scan# 674
Delta R.T. -0.002 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:225 Resp: 1119

Ion	Ratio	Lower	Upper
225	100		
223	63.6	47.8	71.8
227	63.4	50.5	75.7



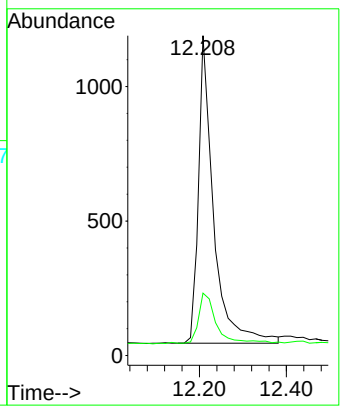
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

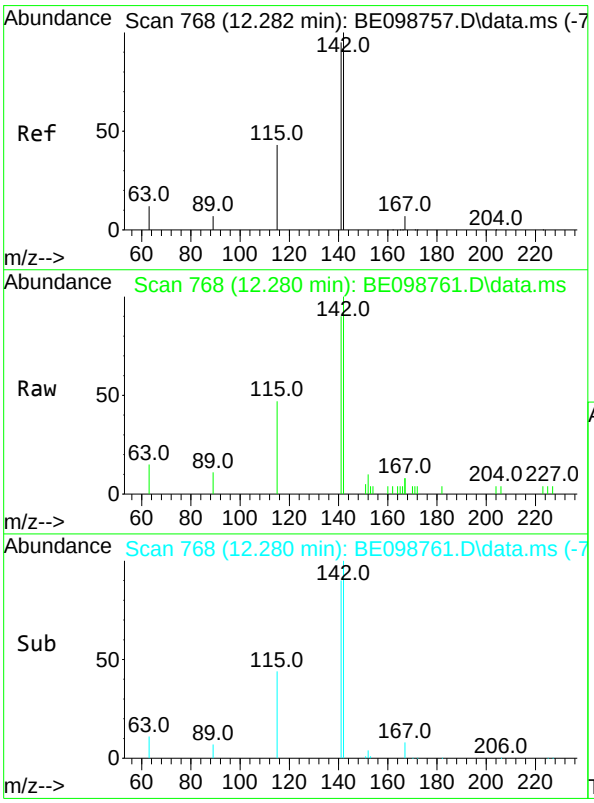


#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.208 min Scan# 763
Delta R.T. -0.002 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:152 Resp: 2764

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.4

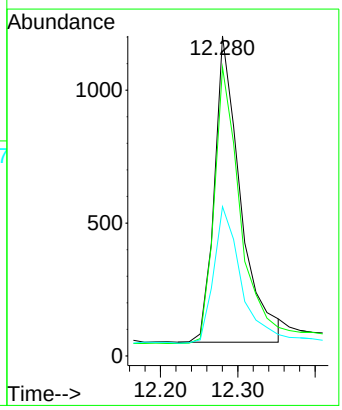


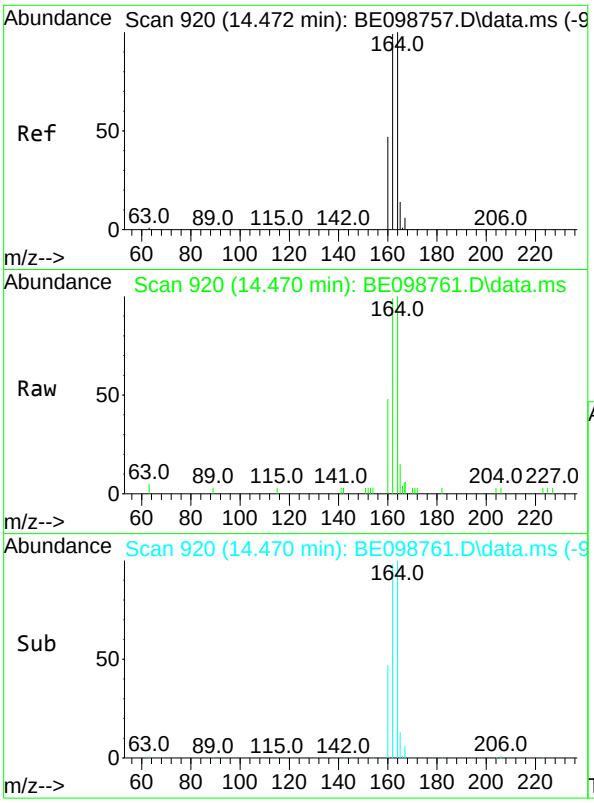


#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.280 min Scan# 768
Delta R.T. -0.002 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:142 Resp: 2704

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.0	105.0
115	46.7	35.2	52.8

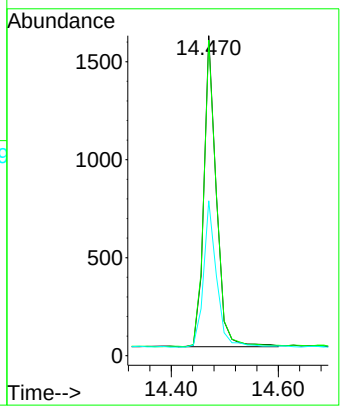




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.470 min Scan# 920
Delta R.T. -0.002 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:164 Resp: 2563

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.5	120.7
160	48.4	40.1	60.1



Instrument :
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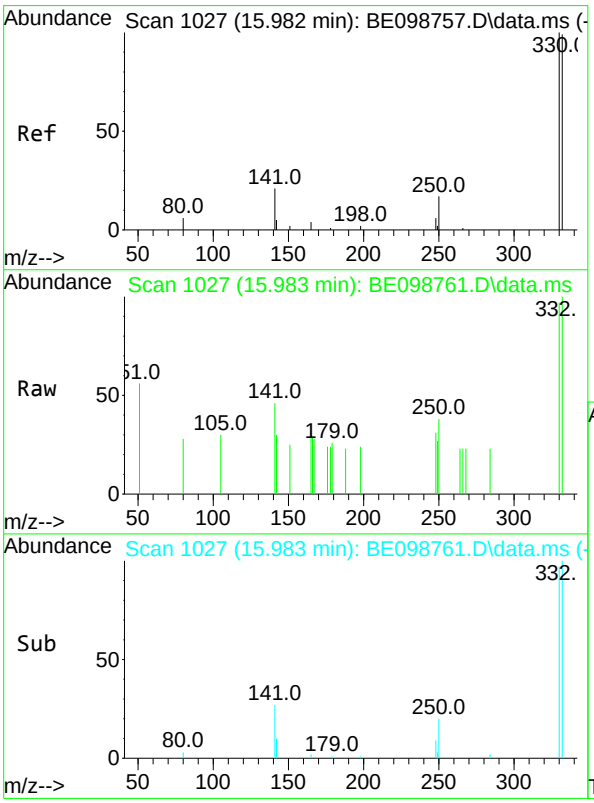
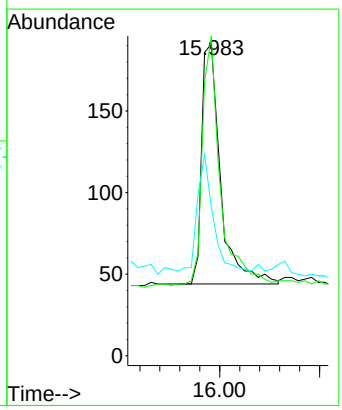


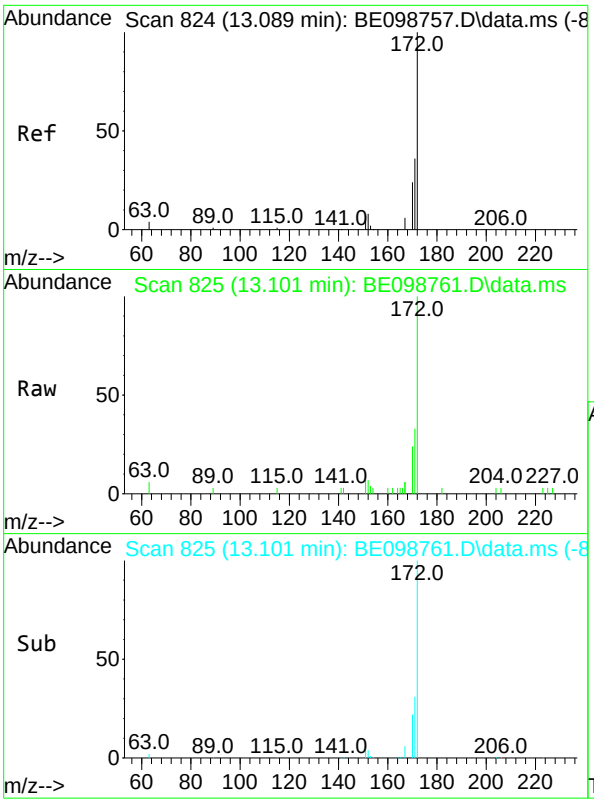
#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:330 Resp: 387

Ion	Ratio	Lower	Upper
330	100		
332	99.0	73.3	109.9
141	40.3	33.1	49.7



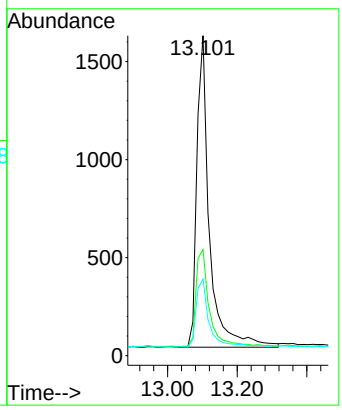
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

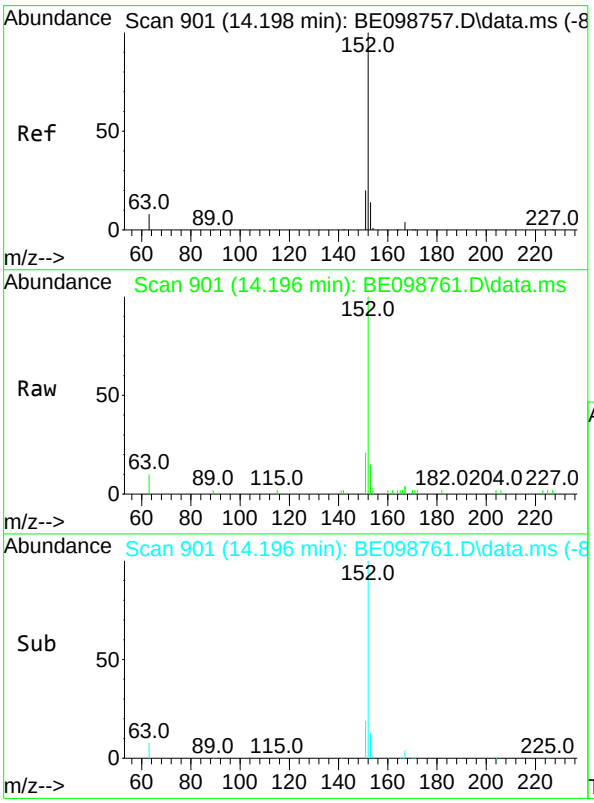


#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.101 min Scan# 825
Delta R.T. 0.012 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:172 Resp: 3987

Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.0	43.4
170	24.0	20.8	31.2

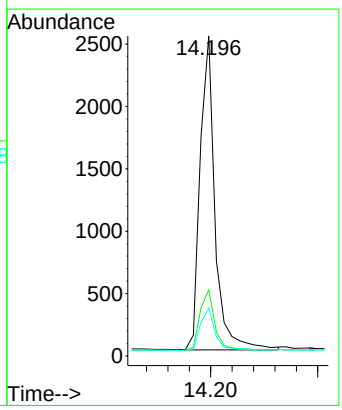




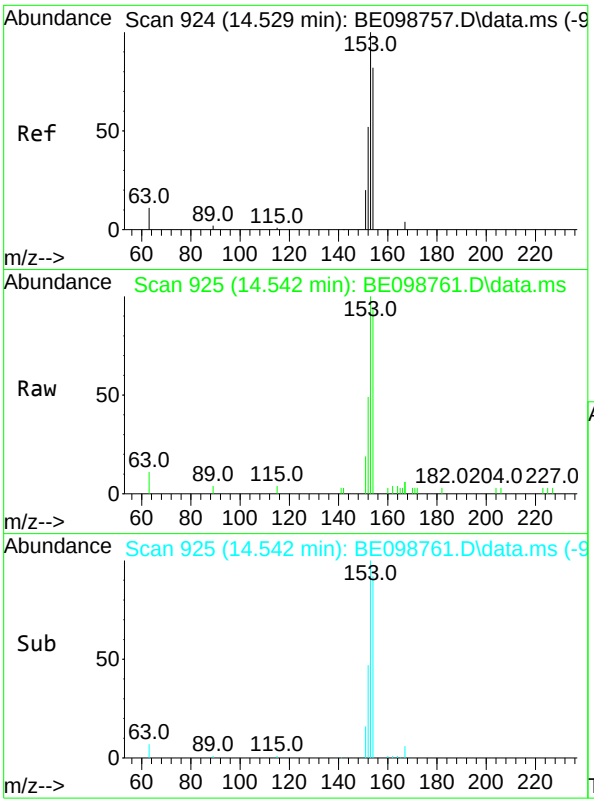
#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.196 min Scan# 901
Delta R.T. -0.002 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:152 Resp: 4866

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.2	10.7	16.1



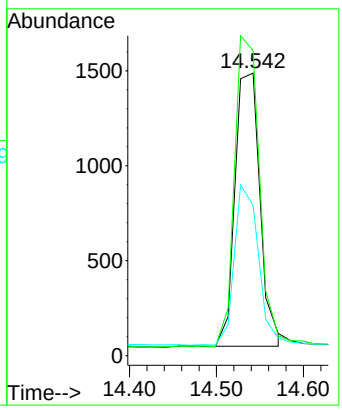
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

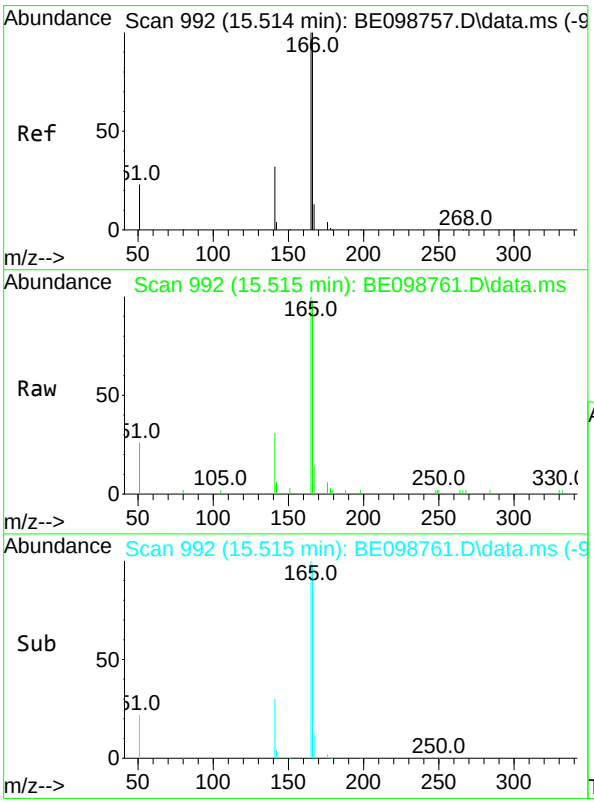


#17
Acenaphthene
Concen: 0.37 ng
RT: 14.542 min Scan# 925
Delta R.T. 0.013 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:154 Resp: 2877

Ion	Ratio	Lower	Upper
154	100		
153	112.8	93.9	140.9
152	56.2	45.8	68.8

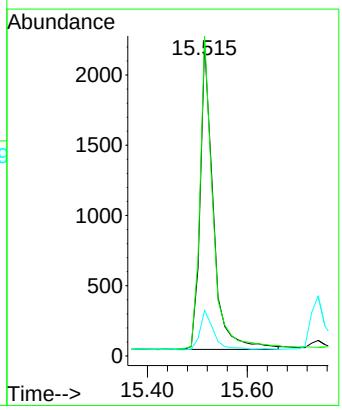




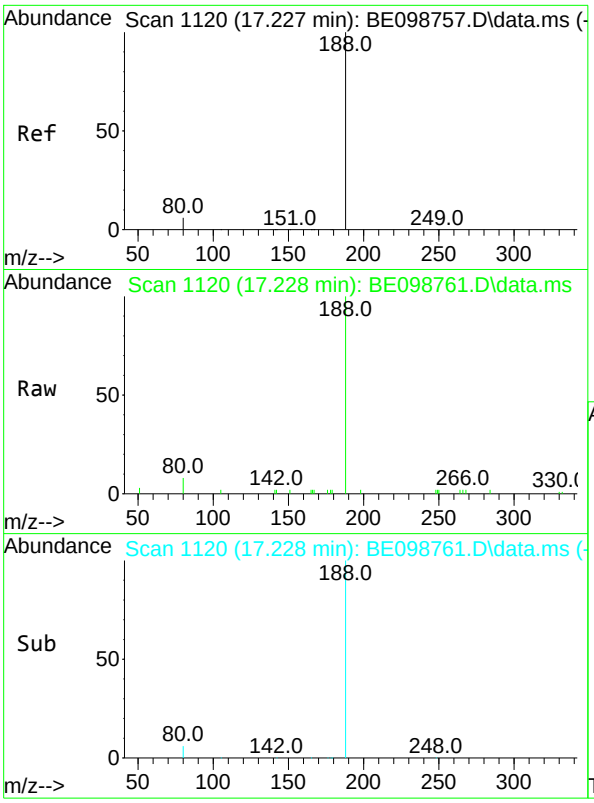
#18
Fluorene
Concen: 0.37 ng
RT: 15.515 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:166 Resp: 3986

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.3	118.9
167	13.4	10.6	15.8



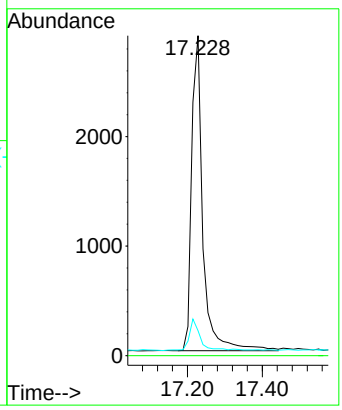
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

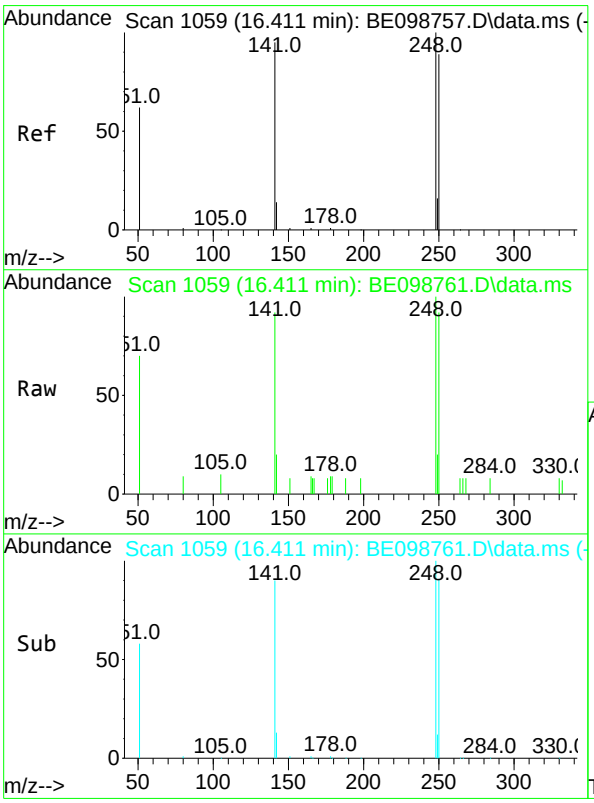


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:188 Resp: 5974

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	4.7	7.1#

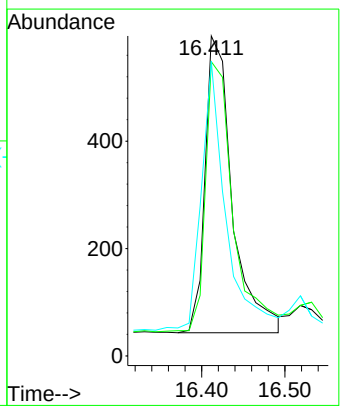




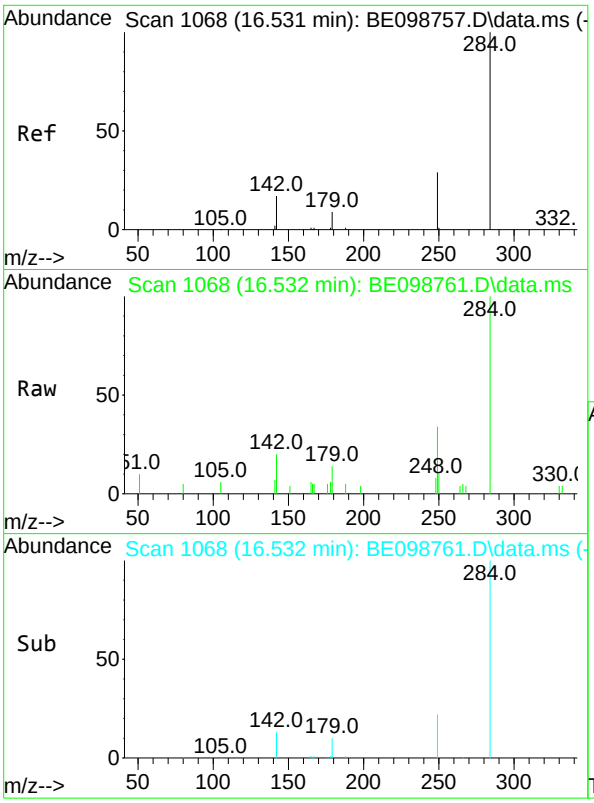
#20
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.411 min Scan# 1059
Delta R.T. 0.001 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:248 Resp: 1265

Ion	Ratio	Lower	Upper
248	100		
250	91.9	80.2	120.4
141	92.1	60.5	90.7#



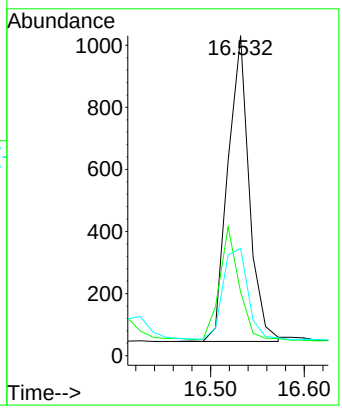
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

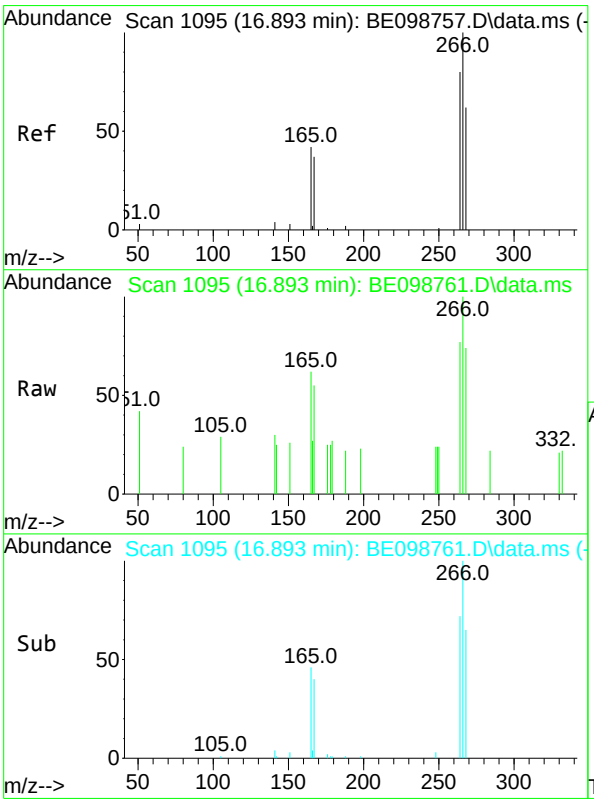


#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.532 min Scan# 1068
Delta R.T. 0.001 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:284 Resp: 1562

Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.5	38.3
249	34.3	26.6	39.8

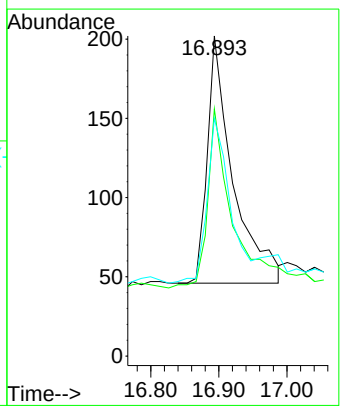




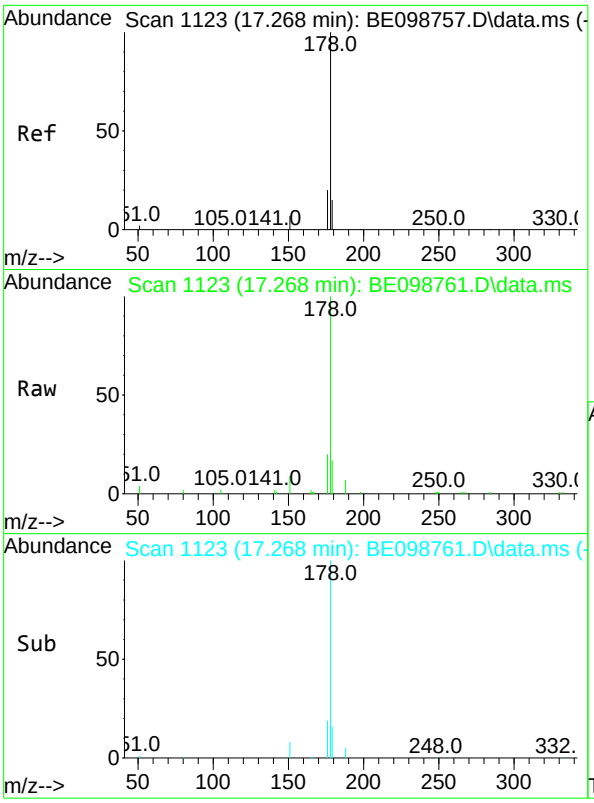
#22
Pentachlorophenol
Concen: 0.52 ng
RT: 16.893 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:266 Resp: 408

Ion	Ratio	Lower	Upper
266	100		
264	77.2	53.7	80.5
268	74.3	59.8	89.8



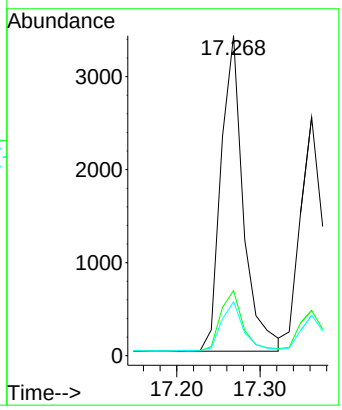
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

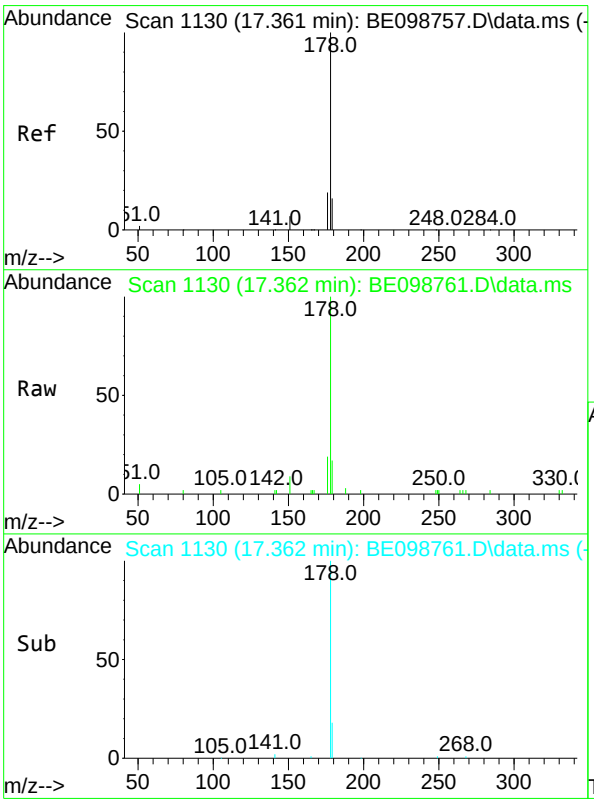


#23
Phenanthrene
Concen: 0.39 ng
RT: 17.268 min Scan# 1123
Delta R.T. 0.001 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:178 Resp: 6332

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.7	12.2	18.4

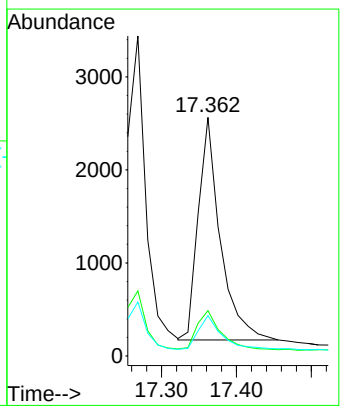




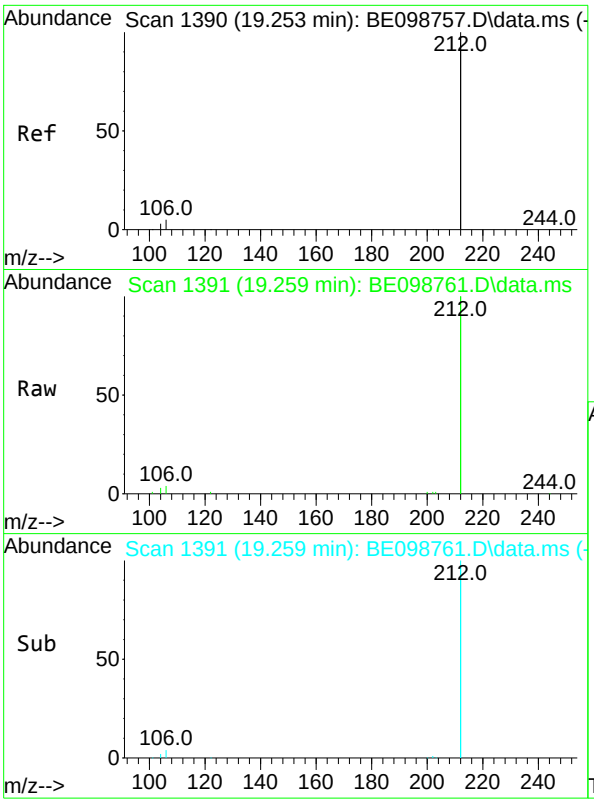
#24
Anthracene
Concen: 0.38 ng
RT: 17.362 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:178 Resp: 4892

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	16.0	11.8	17.8



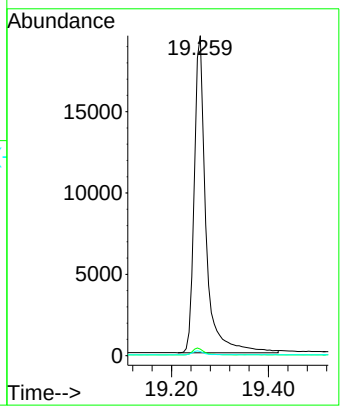
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

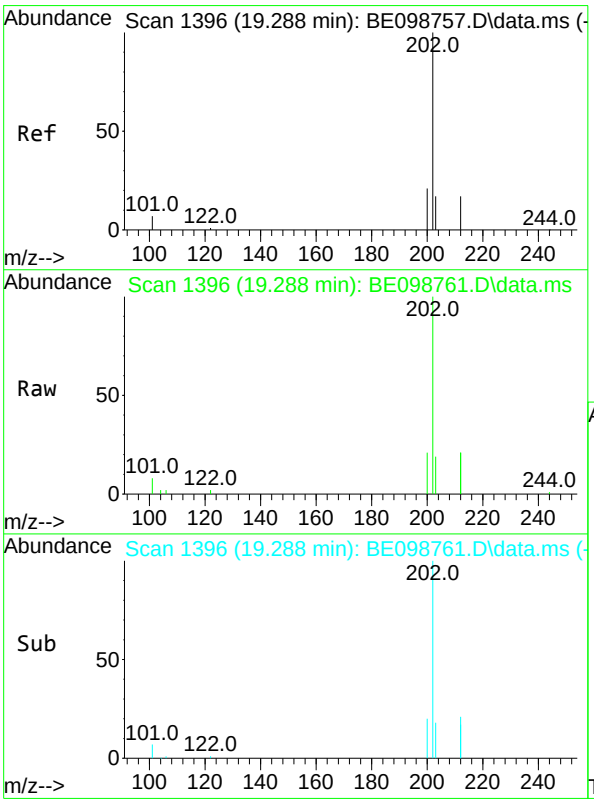


#25
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.259 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:212 Resp: 32634

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.7	2.5
104	1.3	1.0	1.6

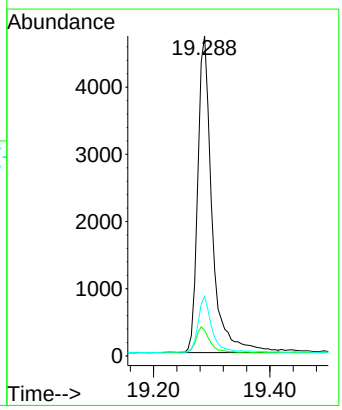


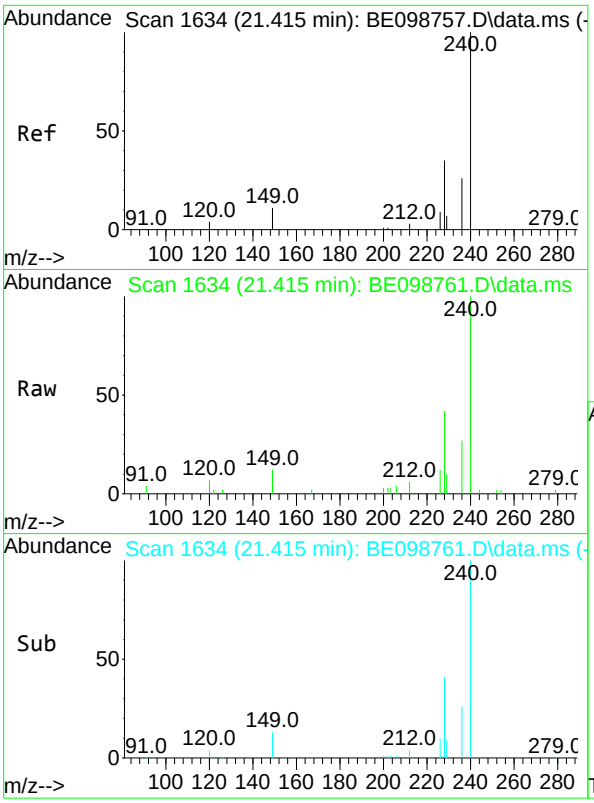


#26
Fluoranthene
Concen: 0.38 ng
RT: 19.288 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:202 Resp: 8070

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.7	10.1
203	17.0	13.3	19.9

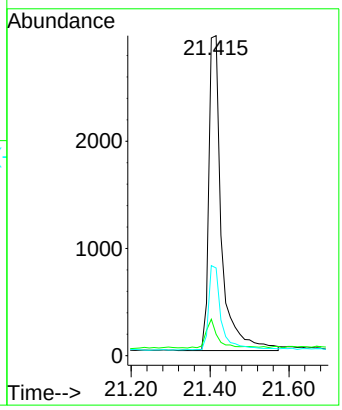




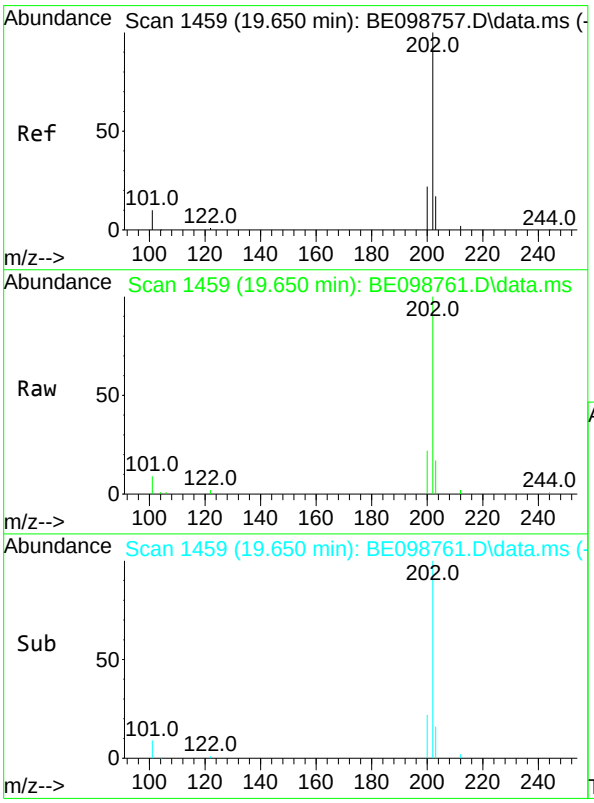
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:240 Resp: 6577

Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.7	7.1
236	27.4	21.9	32.9



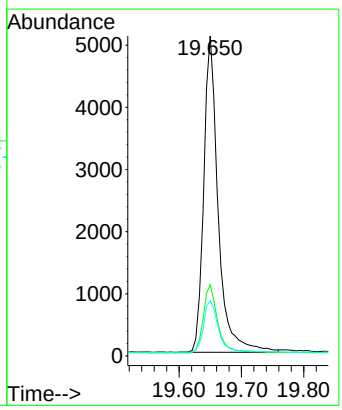
Instrument :
BNA_E
ClientSampleId :
ICVBE022619



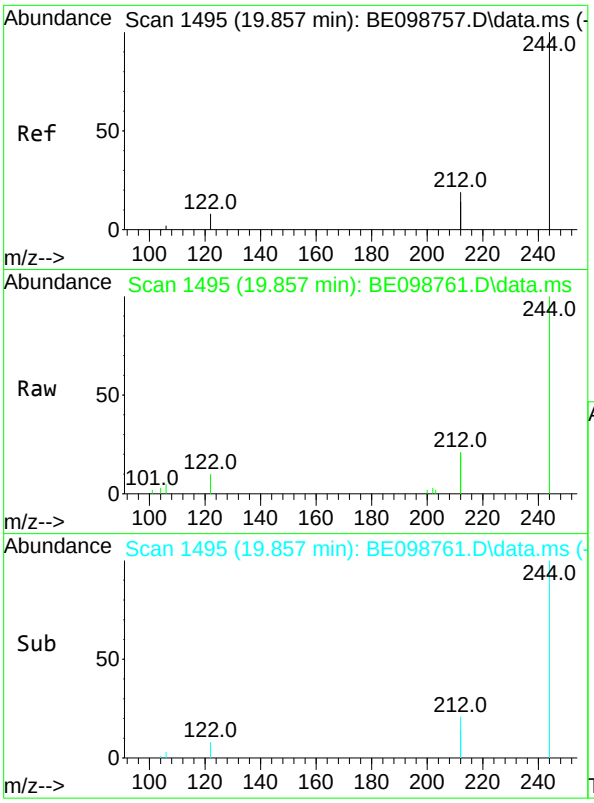
#28
Pyrene
Concen: 0.37 ng
RT: 19.650 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:202 Resp: 8189

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.6
203	17.1	13.8	20.8



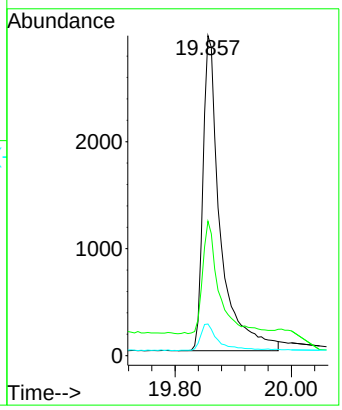
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

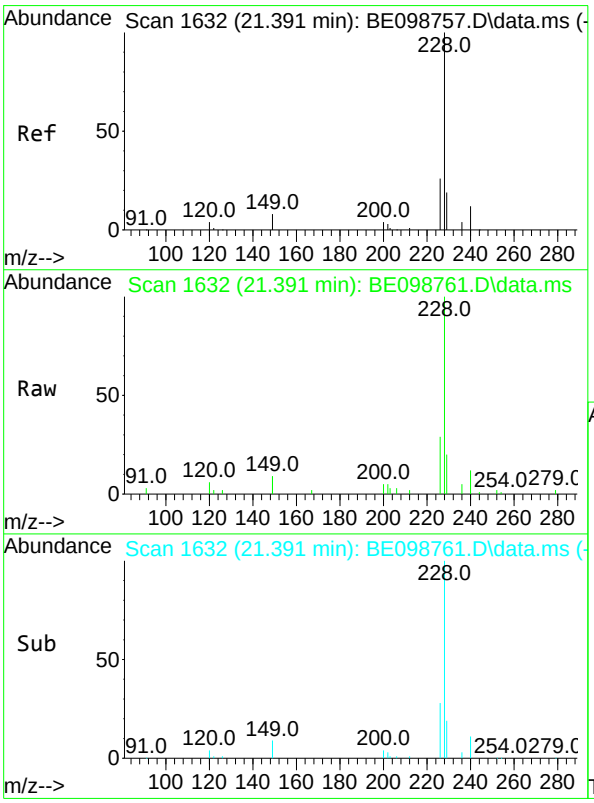


#29
Terphenyl-d14
Concen: 0.37 ng
RT: 19.857 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:244 Resp: 6088

Ion	Ratio	Lower	Upper
244	100		
212	42.0	29.4	44.2
122	9.9	7.1	10.7

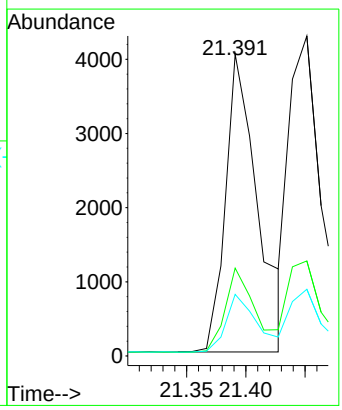


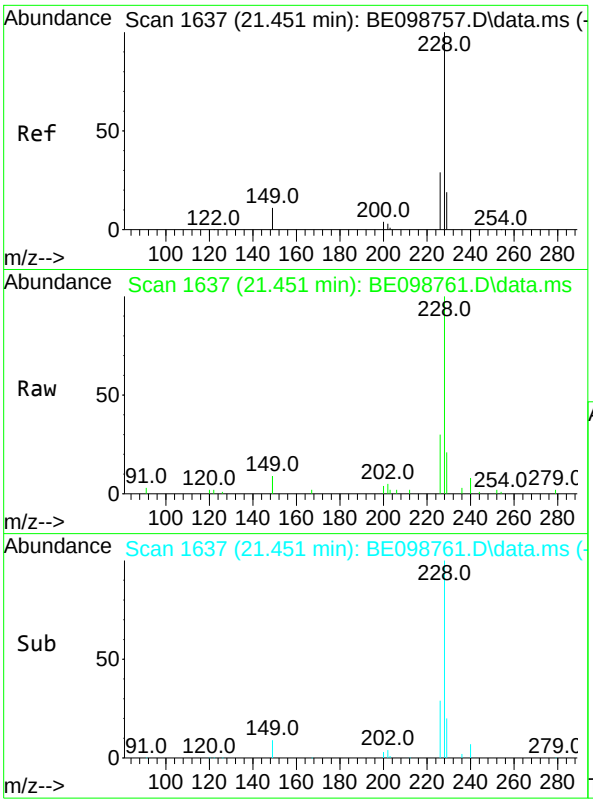


#30
Benzo(a)anthracene
Concen: 0.40 ng
RT: 21.391 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:228 Resp: 7607

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	20.4	15.0	22.6

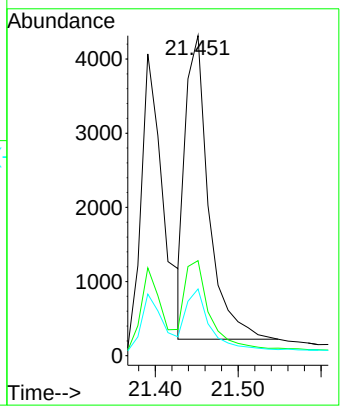




#31
Chrysene
Concen: 0.37 ng
RT: 21.451 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:228 Resp: 7985

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	36.8
229	20.9	16.4	24.6



Instrument :
BNA_E
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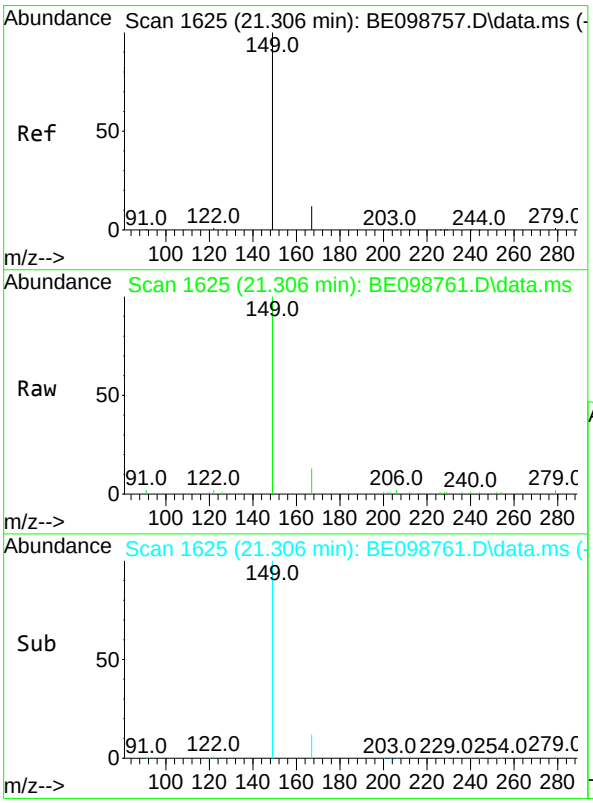
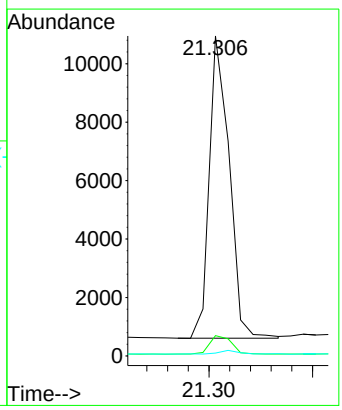
ICVBE022619



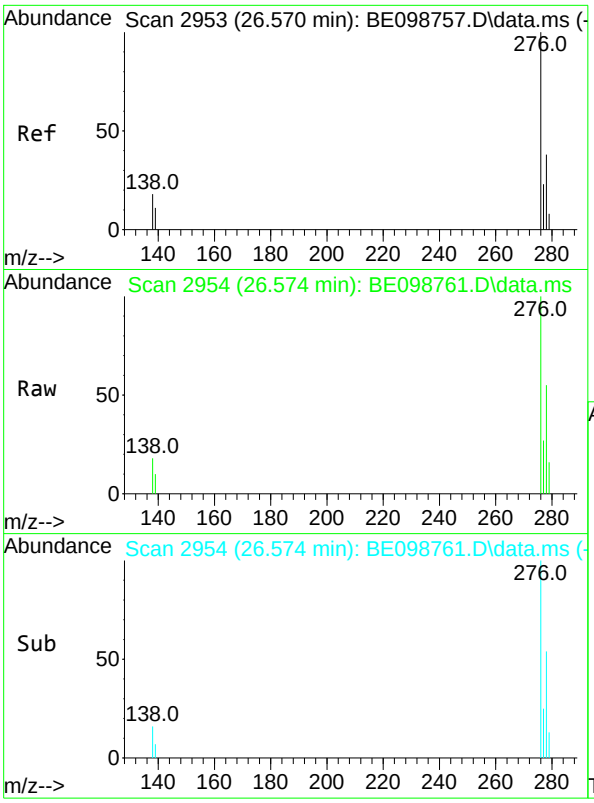
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.306 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:149 Resp: 13776

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.2
279	1.4	1.0	1.4



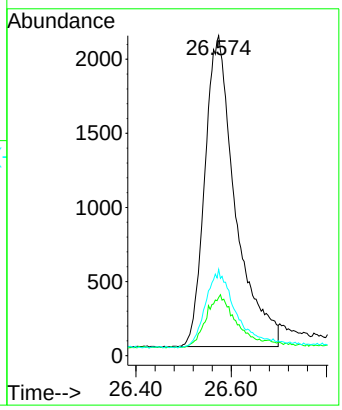
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

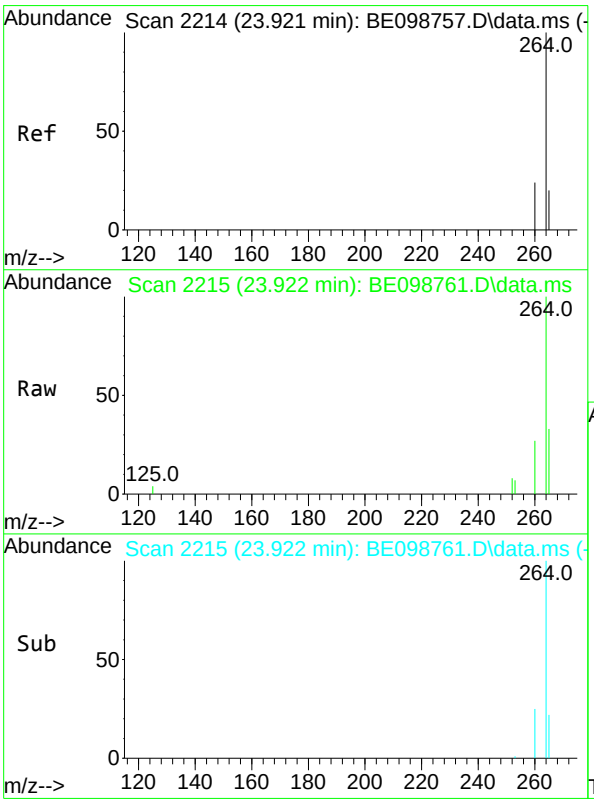


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.51 ng
RT: 26.574 min Scan# 2954
Delta R.T. 0.004 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:276 Resp: 9315

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.3	19.9
277	25.3	19.4	29.0

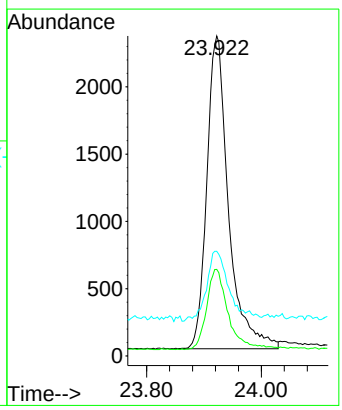




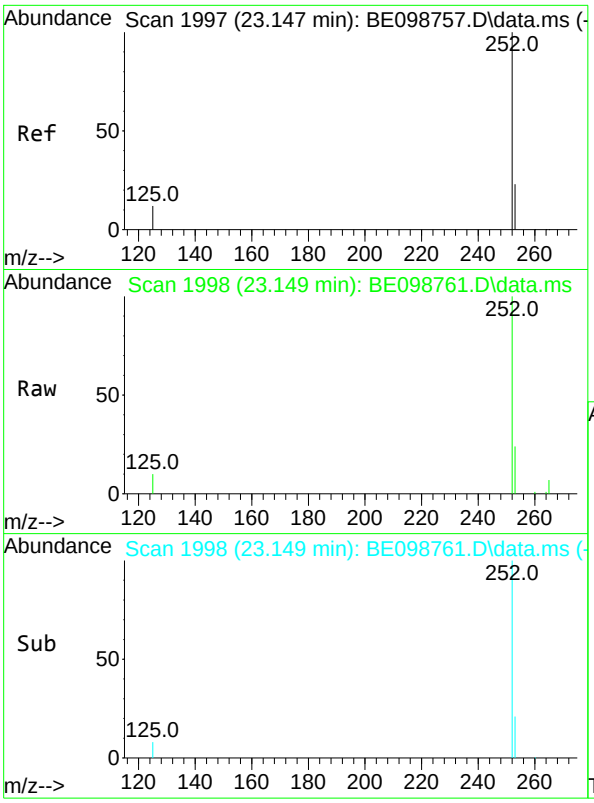
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.922 min Scan# 2215
Delta R.T. 0.001 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:264 Resp: 6092

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.5	30.7
265	32.7	22.3	33.5



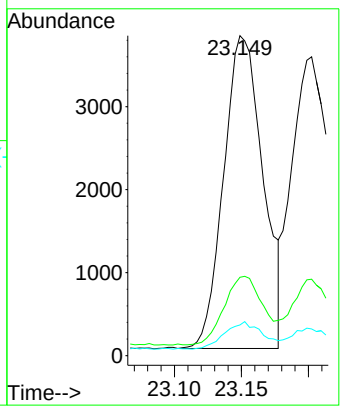
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

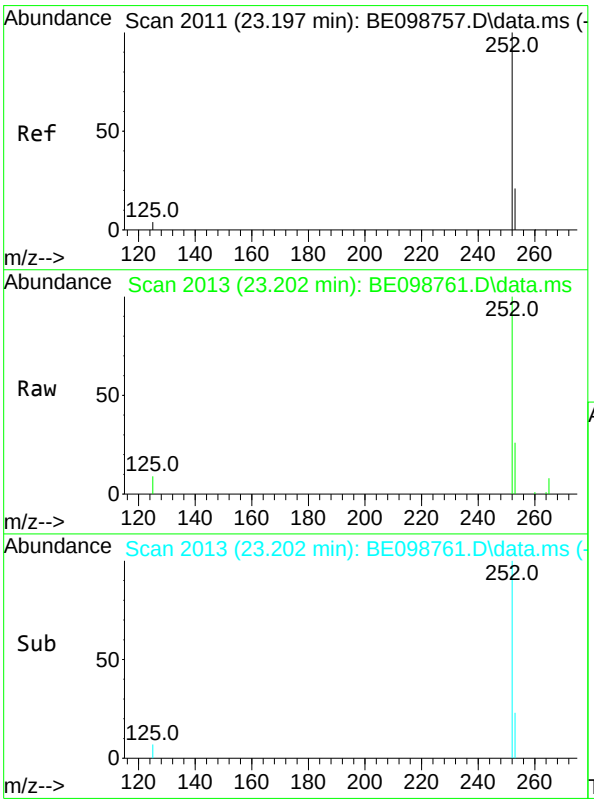


#35
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 23.149 min Scan# 1998
Delta R.T. 0.002 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:252 Resp: 7701

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.0
125	9.6	8.2	12.4

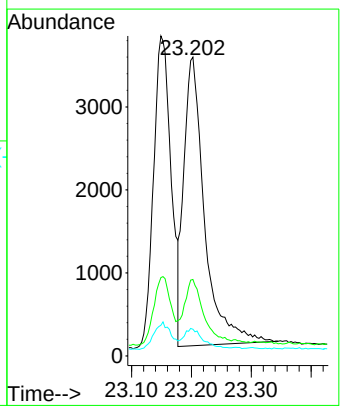




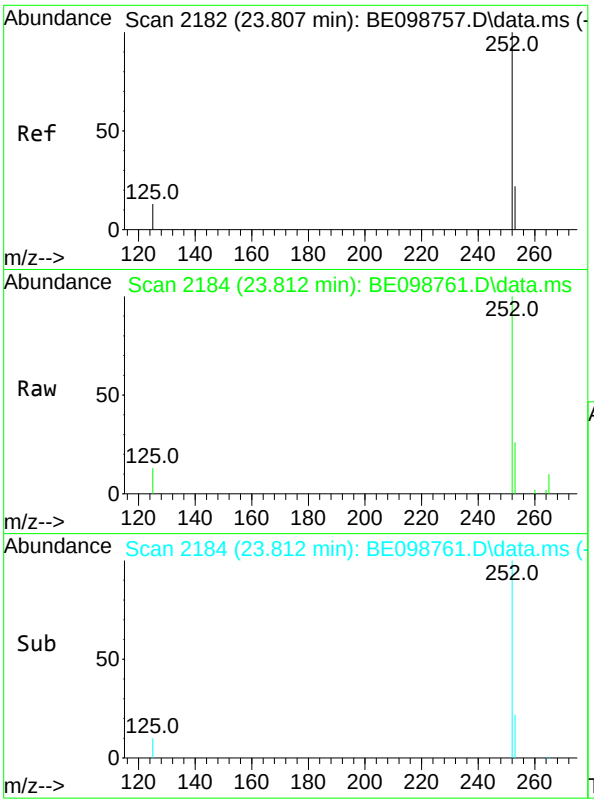
#36
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 23.202 min Scan# 2013
Delta R.T. 0.005 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:252 Resp: 8388

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.0	28.4
125	8.9	7.0	10.4



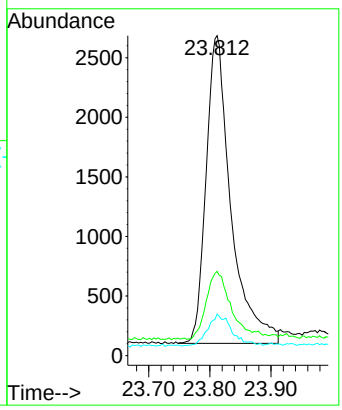
Instrument :
BNA_E
ClientSampleId :
ICVBE022619

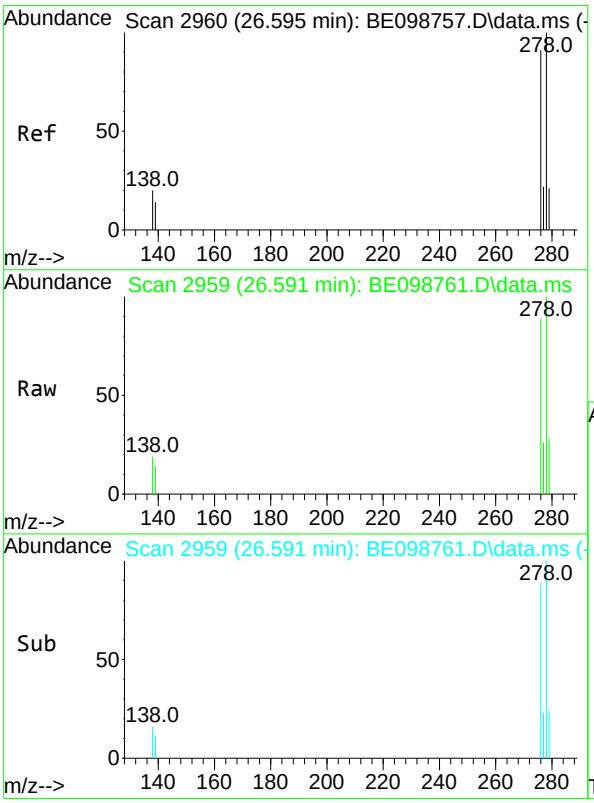


#37
Benzo(a)pyrene
Concen: 0.41 ng
RT: 23.812 min Scan# 2184
Delta R.T. 0.005 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:252 Resp: 7285

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.0	31.4
125	13.0	9.2	13.8

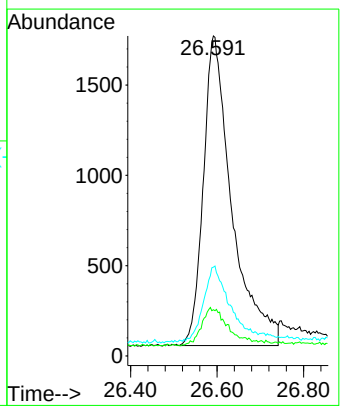


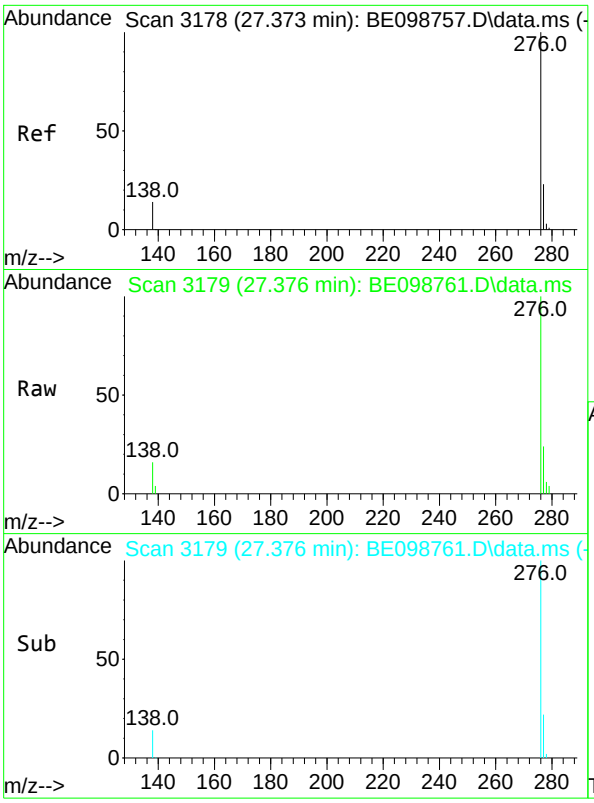


#38
Dibenzo(a,h)anthracene
Concen: 0.60 ng
RT: 26.591 min Scan# 2959
Delta R.T. -0.004 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:278 Resp: 7859

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.7	19.1
279	27.8	22.0	33.0

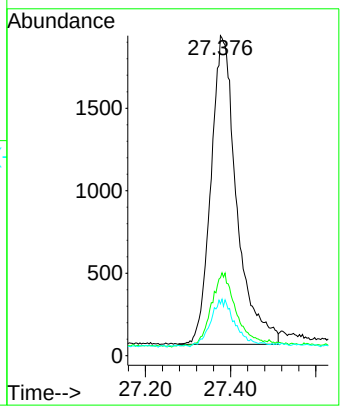




#39
Benzo(g,h,i)perylene
Concen: 0.47 ng
RT: 27.376 min Scan# 3179
Delta R.T. 0.003 min
Lab File: BE098761.D
Acq: 26 Feb 2019 15:10

Tgt Ion:276 Resp: 7849

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.3	30.5
138	16.2	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
ICVBE022619