Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE012419\
Data File : BE098680.D
Acq On : 24 Jan 2019 15:28
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE012419

Quant Time: Jan 24 15:59:42 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	7.818	152	842	0.40	ng		0.01
7) Naphthalene-d8	10.613	136	3792	0.40	ng	#	0.01
13) Acenaphthene-d10	14.487	164	2515	0.40	ng		0.02
19) Phenanthrene-d10	17.228	188	6035	0.40	ng	#	0.00
27) Chrysene-d12	21.415	240	6406	0.40	ng		0.00
34) Perylene-d12	23.929	264	6121	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.411	112	968	0.39	ng		0.01
5) Phenol-d6	7.001	99	1334	0.36	ng		0.00
8) Nitrobenzene-d5	8.989	82	1353	0.37	ng		0.01
11) 2-Methylnaphthalene-d10	12.225	152	2719	0.37	ng		0.02
14) 2,4,6-Tribromophenol	15.983	330	400	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.104	172	4073	0.38	ng		0.00
25) Fluoranthene-d10	19.265	212	31235	0.36	ng		0.00
29) Terphenyl-d14	19.863	244	5917	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	628	0.40	ng		94
3) n-Nitrosodimethylamine	3.649	42	793	0.40	ng	#	91
6) bis(2-Chloroethyl)ether	7.243	93	849	0.34	ng		97
9) Naphthalene	10.665	128	16308	0.38	ng		99
10) Hexachlorobutadiene	10.951	225	1143	0.39	ng		98
12) 2-Methylnaphthalene	12.297	142	2738	0.38	ng		98
16) Acenaphthylene	14.199	152	4778	0.37	ng		99
17) Acenaphthene	14.545	154	2775	0.36	ng		99
18) Fluorene	15.528	166	3895	0.37	ng		99
20) 4-Bromophenyl-phenylether	16.425	248	1251	0.35	ng		93
21) Hexachlorobenzene	16.532	284	1572	0.37	ng		97
22) Pentachlorophenol	16.893	266	462	0.43	ng		94
23) Phenanthrene	17.268	178	6121	0.37	ng		99
24) Anthracene	17.362	178	4872	0.36	ng		98
26) Fluoranthene	19.294	202	7707	0.36	ng		99
28) Pyrene	19.656	202	7860	0.39	ng		100
30) Benzo(a)anthracene	21.403	228	6816	0.35	ng		97
31) Chrysene	21.451	228	8121	0.39	ng		98
32) Bis(2-ethylhexyl)phtha...	21.318	149	11616	0.32	ng		100
33) Indeno(1,2,3-cd)pyrene	26.584	276	8297	0.38	ng		99
35) Benzo(b)fluoranthene	23.160	252	7197	0.36	ng		97
36) Benzo(k)fluoranthene	23.210	252	7855	0.37	ng		98
37) Benzo(a)pyrene	23.819	252	6928	0.37	ng		96
38) Dibenzo(a,h)anthracene	26.605	278	6407	0.37	ng		98
39) Benzo(g,h,i)perylene	27.397	276	7137	0.37	ng		99

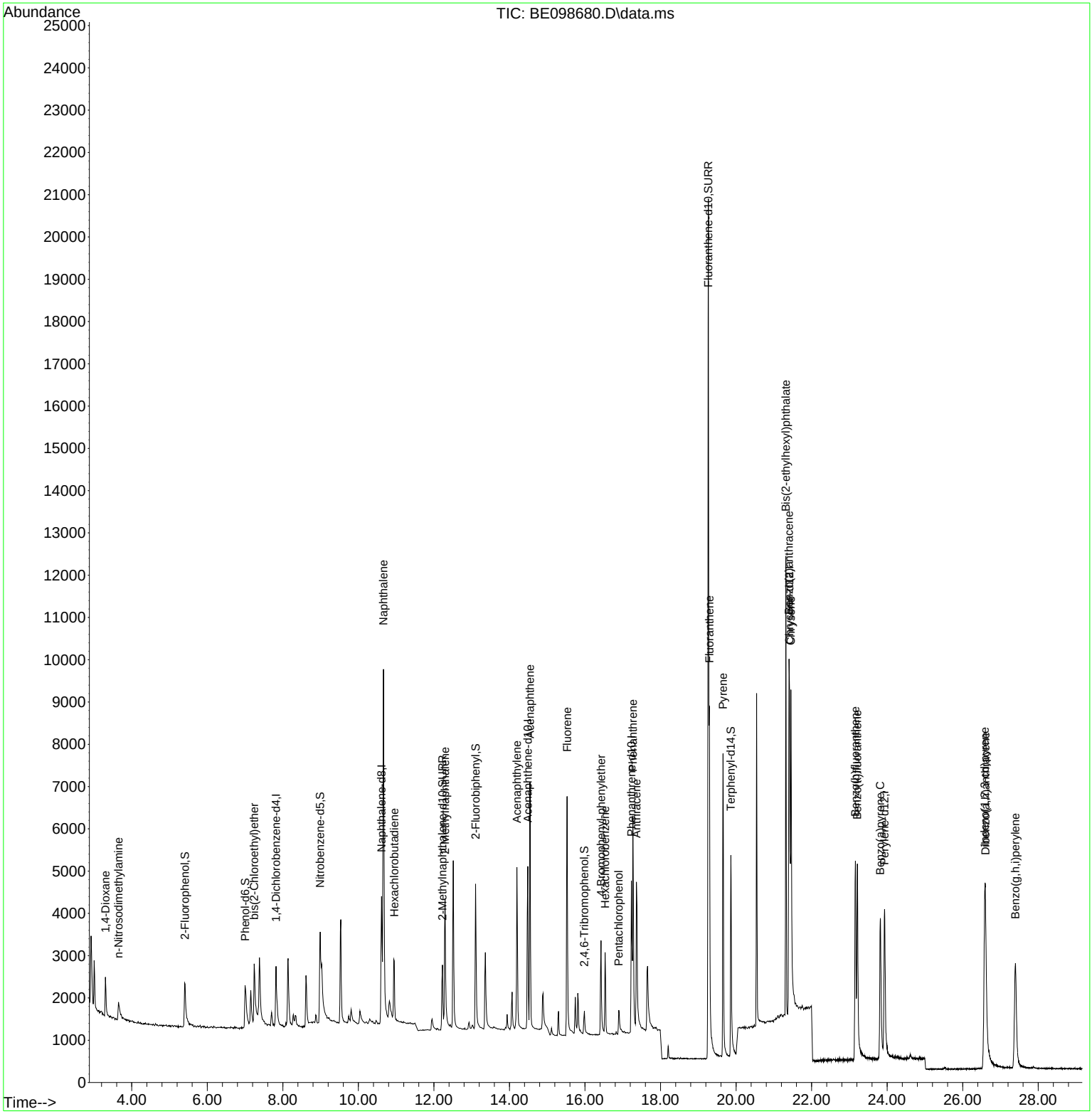
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

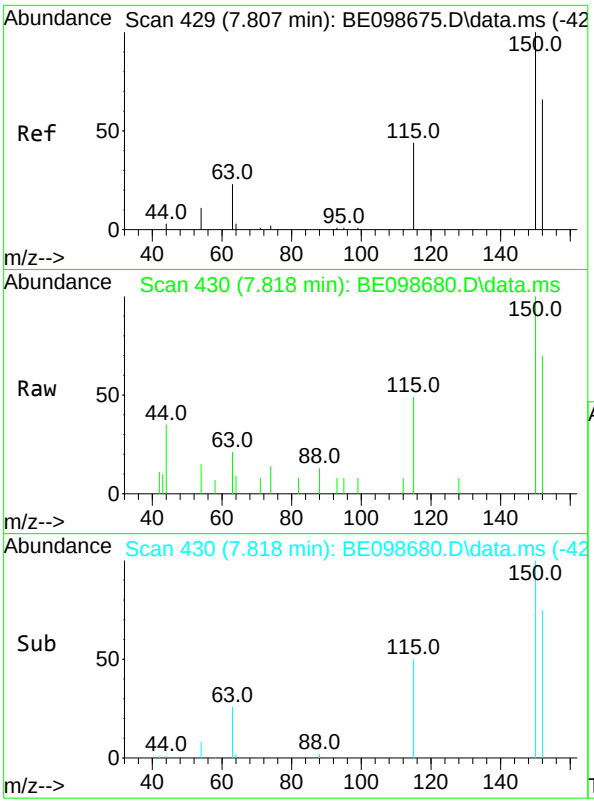
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE012419\
Data File : BE098680.D
Acq On : 24 Jan 2019 15:28
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE012419

Quant Time: Jan 24 15:59:42 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



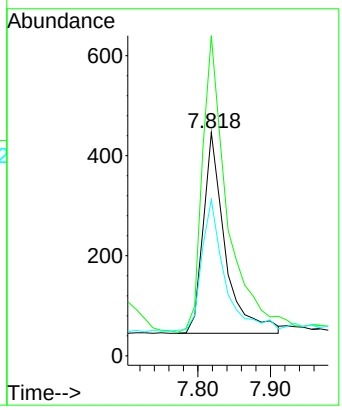
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

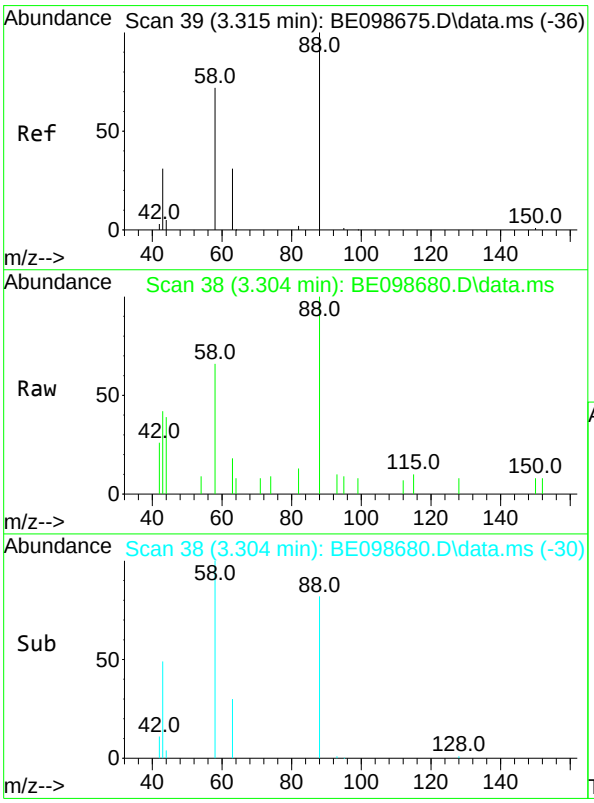


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.818 min Scan# 430
Delta R.T. 0.011 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:152 Resp: 842

Ion	Ratio	Lower	Upper
152	100		
150	143.5	121.4	182.2
115	70.0	59.1	88.7

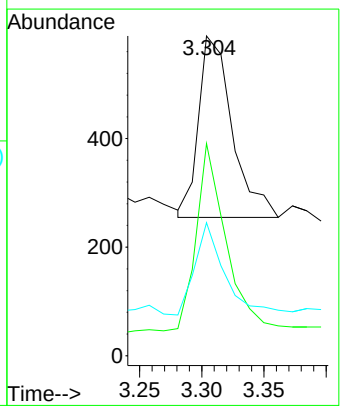




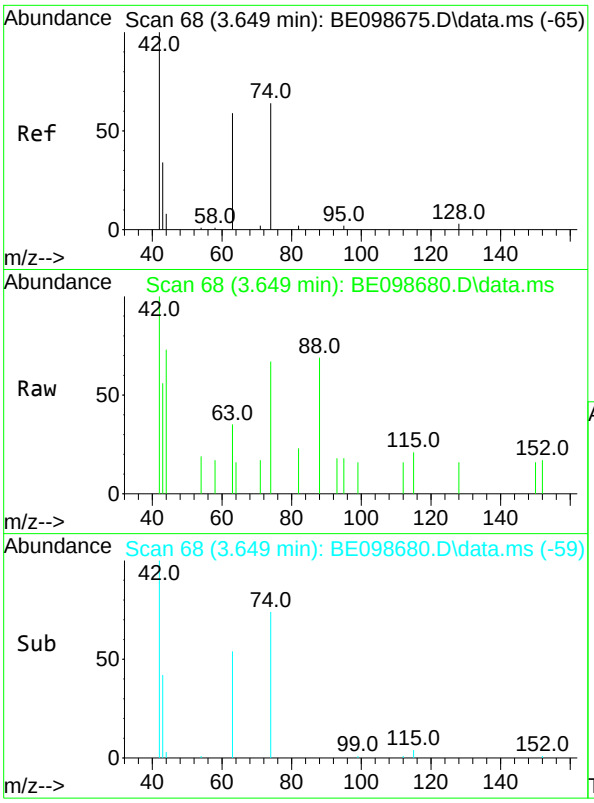
#2
1,4-Dioxane
Concen: 0.40 ng
RT: 3.304 min Scan# 38
Delta R.T. -0.011 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion: 88 Resp: 628

Ion	Ratio	Lower	Upper
88	100		
58	91.9	73.9	110.9
43	43.9	43.7	65.5



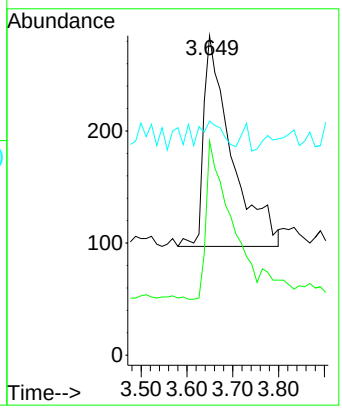
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

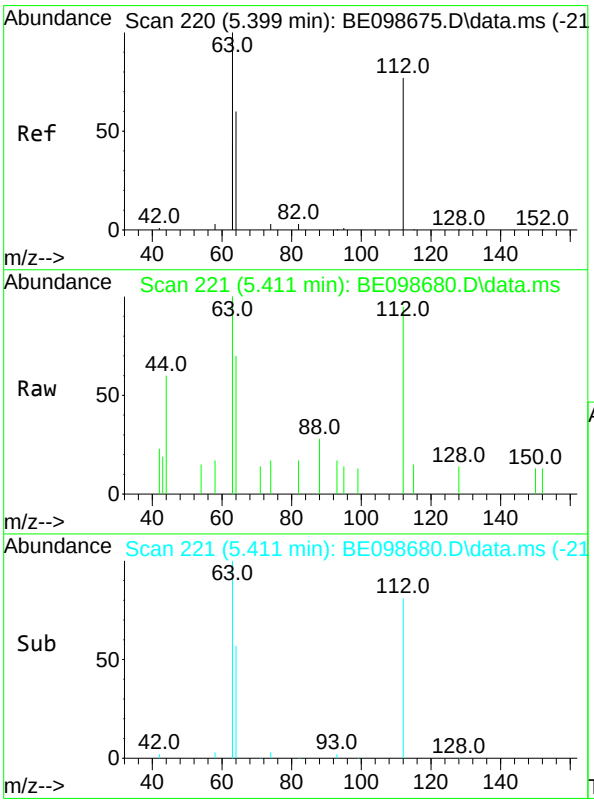


#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.649 min Scan# 68
Delta R.T. 0.000 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion: 42 Resp: 793

Ion	Ratio	Lower	Upper
42	100		
74	65.8	58.9	88.3
44	8.7	0.0	0.0#

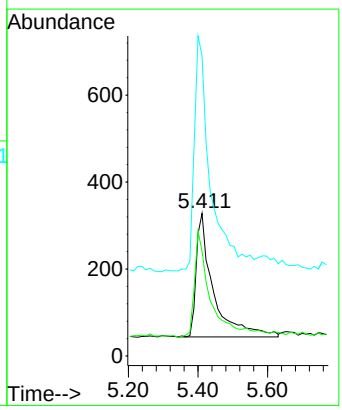




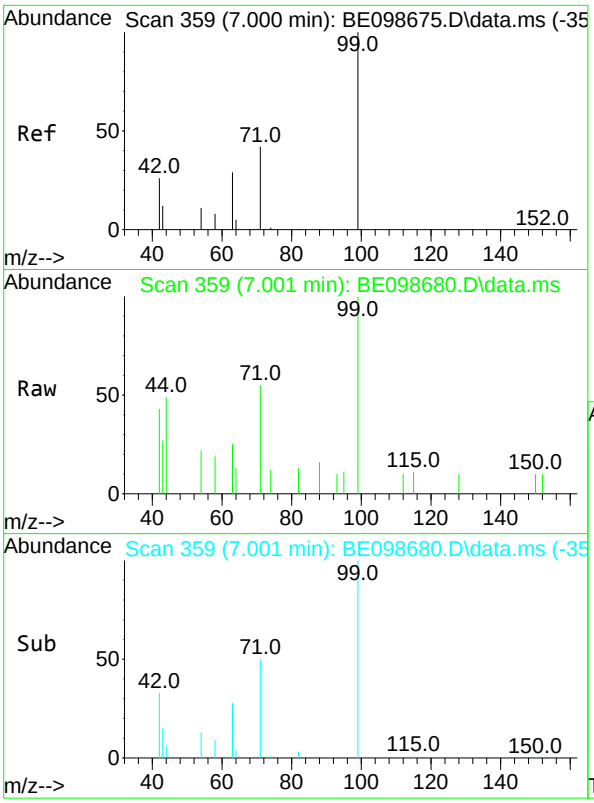
#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.411 min Scan# 221
Delta R.T. 0.012 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:112 Resp: 968

Ion	Ratio	Lower	Upper
112	100		
64	82.9	62.9	94.3
63	180.5	152.2	228.4



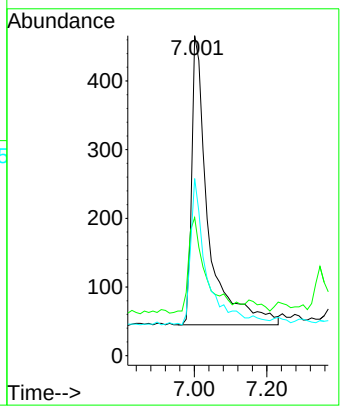
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

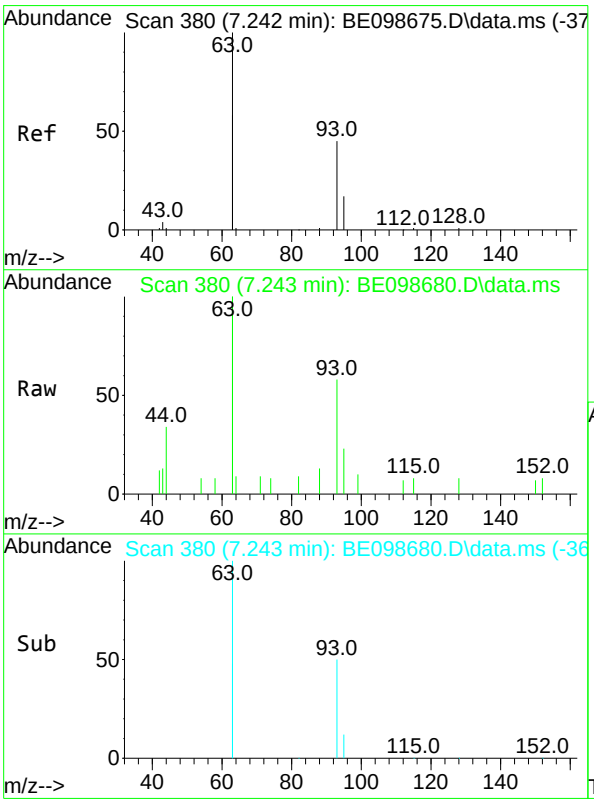


#5
Phenol-d6
Concen: 0.36 ng
RT: 7.001 min Scan# 359
Delta R.T. 0.001 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion: 99 Resp: 1334

Ion	Ratio	Lower	Upper
99	100		
42	35.3	24.6	37.0
71	46.4	35.1	52.7

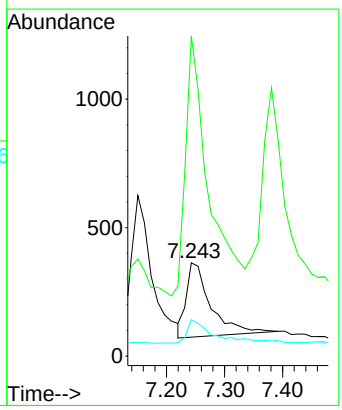




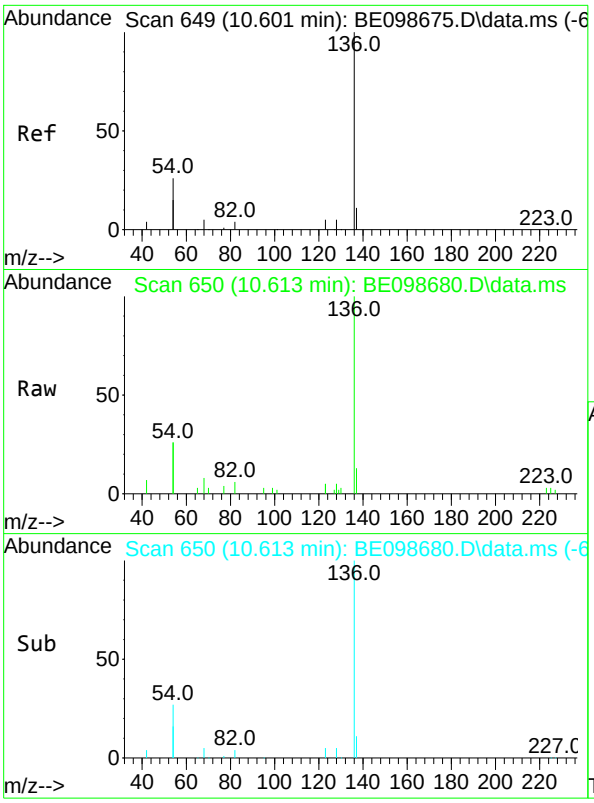
#6
bis(2-Chloroethyl)ether
Concen: 0.34 ng
RT: 7.243 min Scan# 380
Delta R.T. 0.001 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion: 93 Resp: 849

Ion	Ratio	Lower	Upper
93	100		
63	329.3	267.3	400.9
95	37.3	26.2	39.4



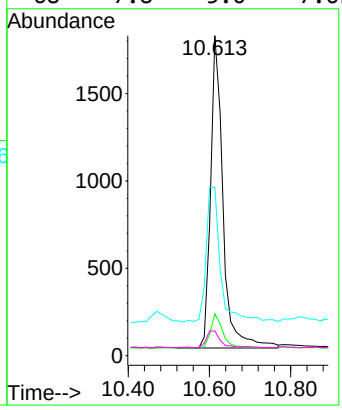
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

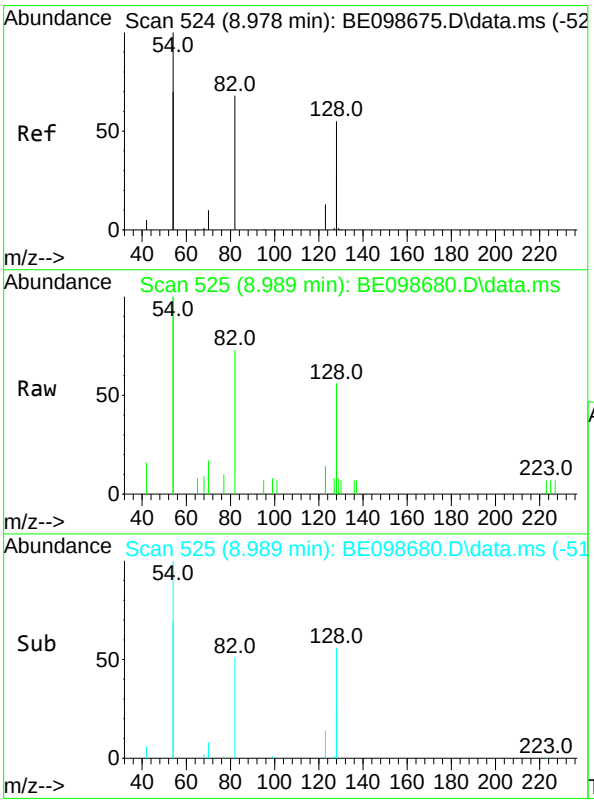


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.613 min Scan# 650
Delta R.T. 0.012 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:136 Resp: 3792

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.7	14.5
54	52.6	35.5	53.3
68	7.8	5.0	7.6#

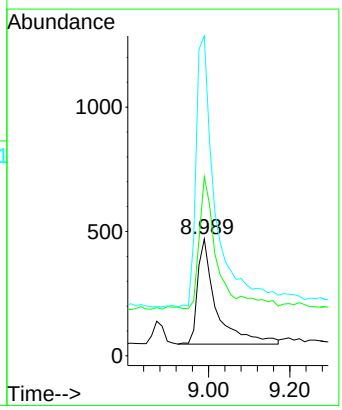




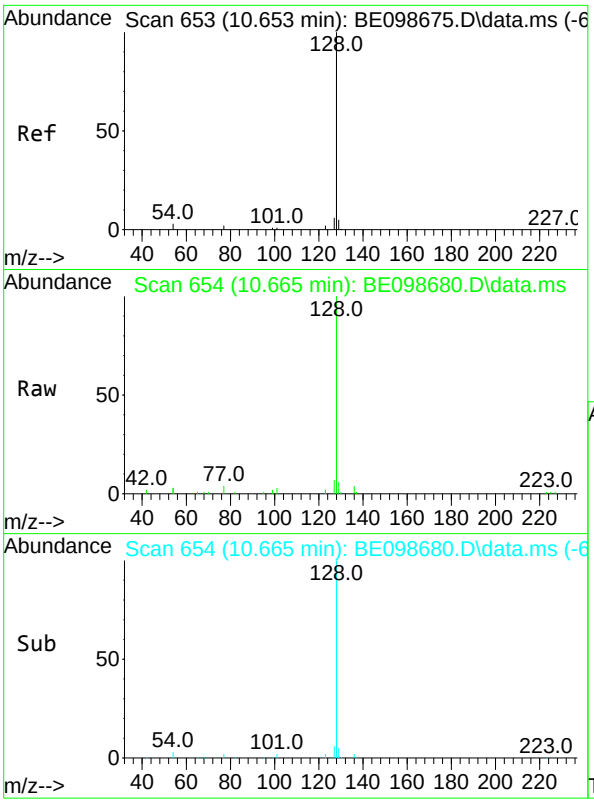
#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.989 min Scan# 525
Delta R.T. 0.011 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion: 82 Resp: 1353

Ion	Ratio	Lower	Upper
82	100		
128	153.2	96.5	144.7#
54	273.6	224.7	337.1



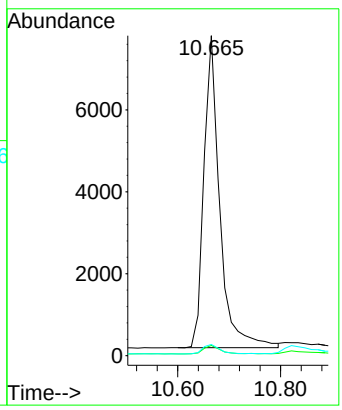
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

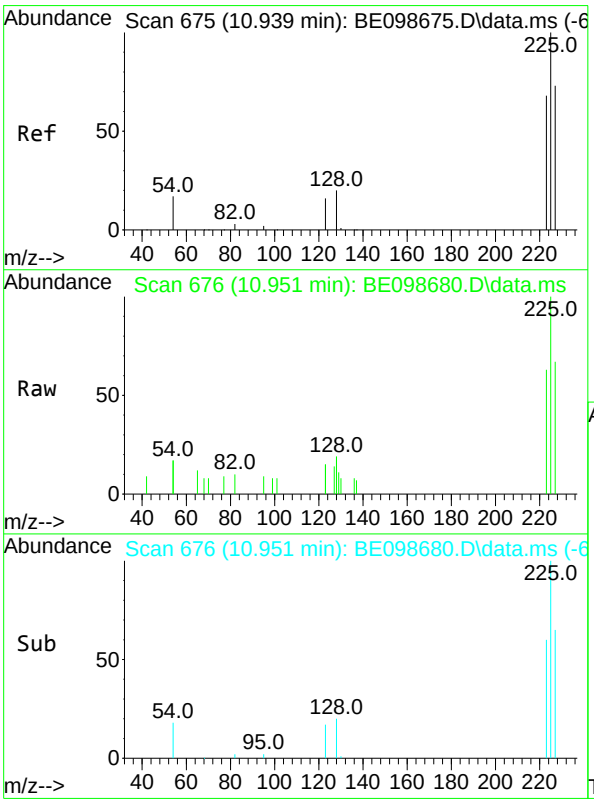


#9
Naphthalene
Concen: 0.38 ng
RT: 10.665 min Scan# 654
Delta R.T. 0.012 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:128 Resp: 16308

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.5	3.0	4.6

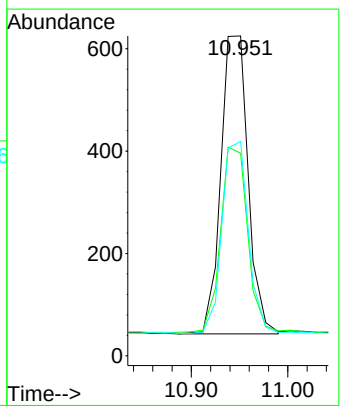




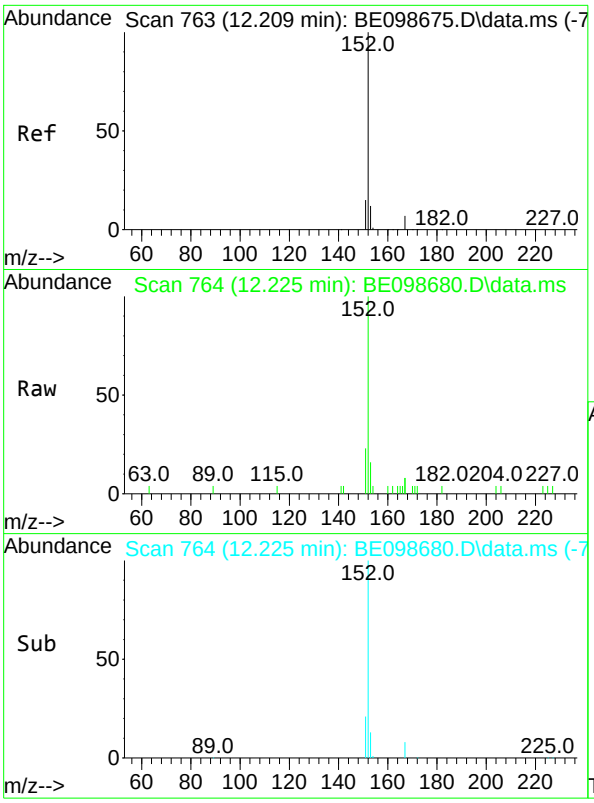
#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.951 min Scan# 676
Delta R.T. 0.012 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:225 Resp: 1143

Ion	Ratio	Lower	Upper
225	100		
223	62.6	47.8	71.8
227	62.2	50.5	75.7



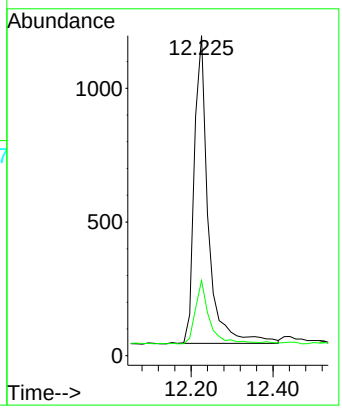
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

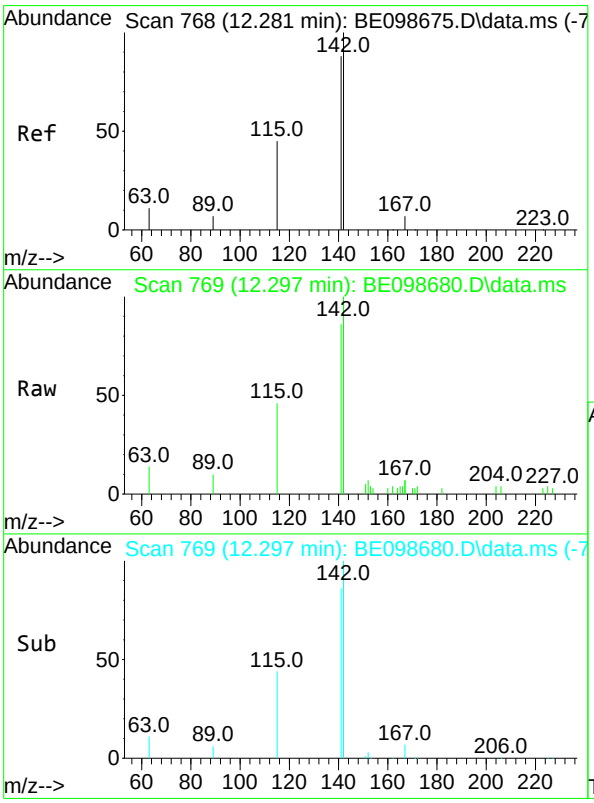


#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.225 min Scan# 764
Delta R.T. 0.016 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:152 Resp: 2719

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4

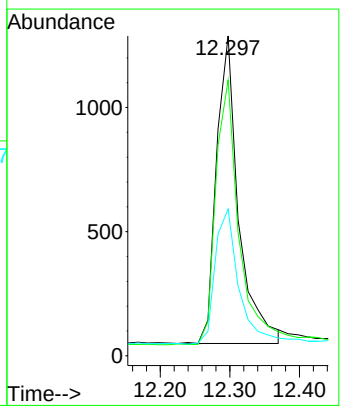




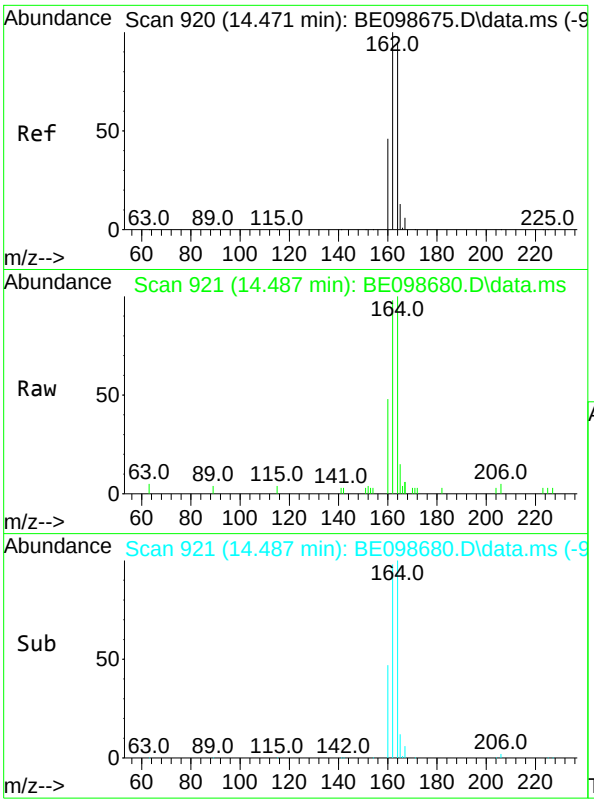
#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.297 min Scan# 769
Delta R.T. 0.016 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:142 Resp: 2738

Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.0	105.0
115	45.9	35.2	52.8



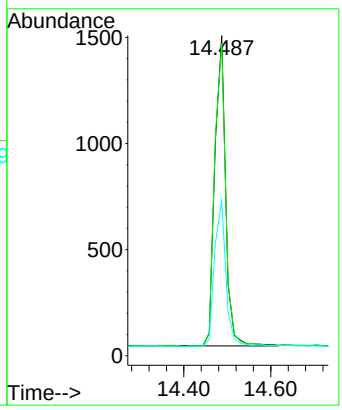
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

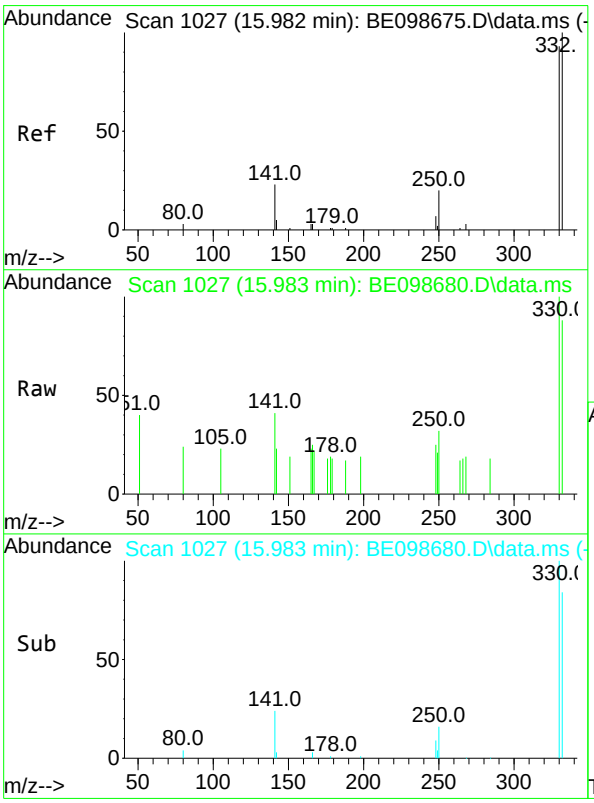


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.487 min Scan# 921
Delta R.T. 0.016 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:164 Resp: 2515

Ion	Ratio	Lower	Upper
164	100		
162	97.5	80.5	120.7
160	48.4	40.1	60.1

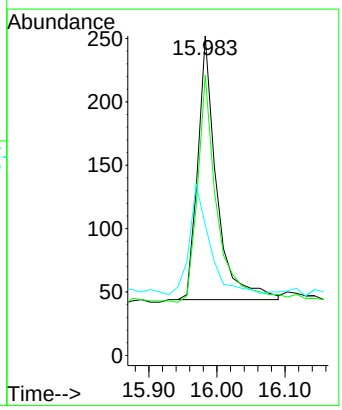




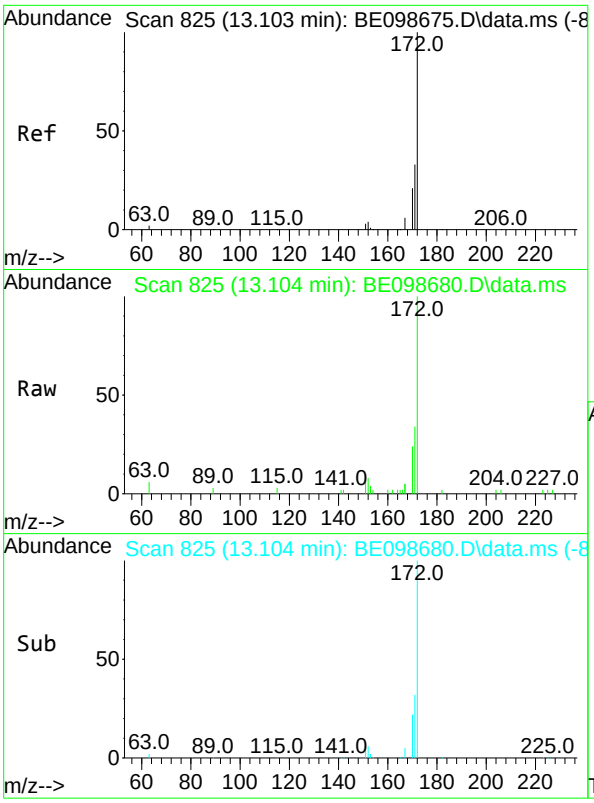
#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:330 Resp: 400

Ion	Ratio	Lower	Upper
330	100		
332	93.8	73.3	109.9
141	45.5	33.1	49.7



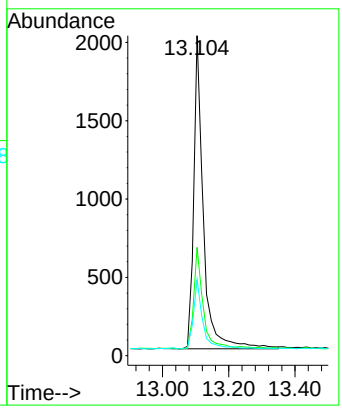
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

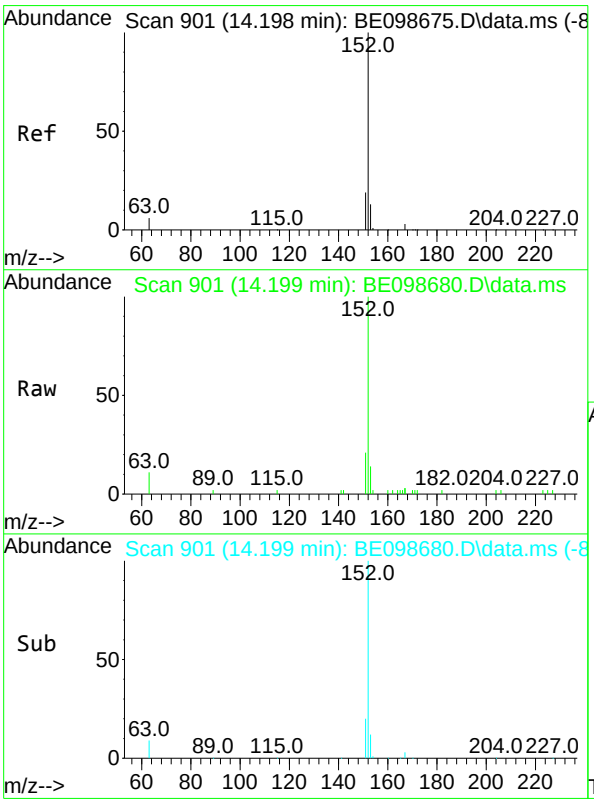


#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.104 min Scan# 825
Delta R.T. 0.001 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:172 Resp: 4073

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.0	43.4
170	23.8	20.8	31.2

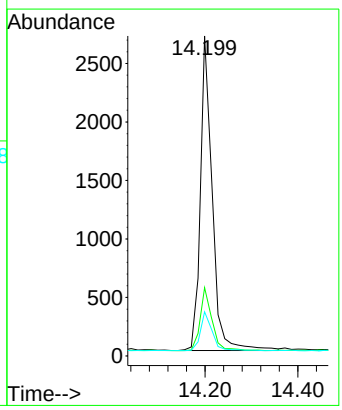




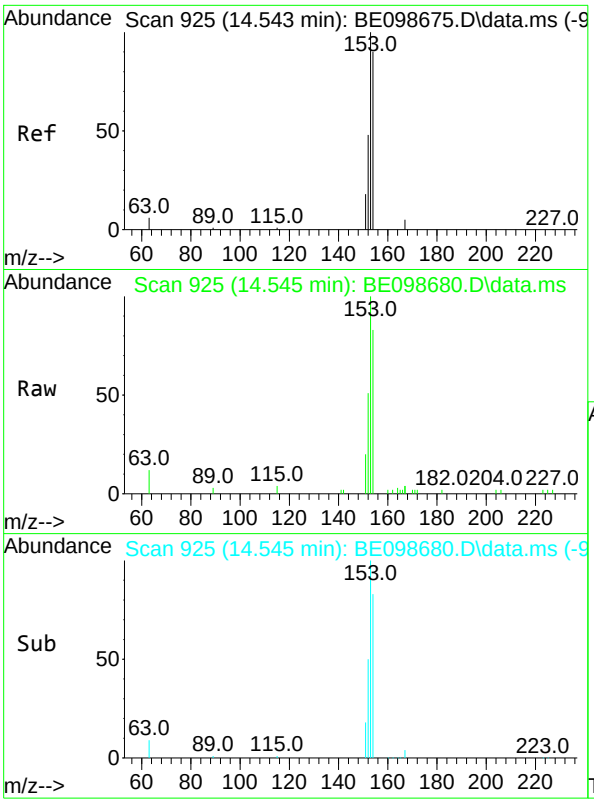
#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.199 min Scan# 901
Delta R.T. 0.001 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:152 Resp: 4778

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.3	10.7	16.1



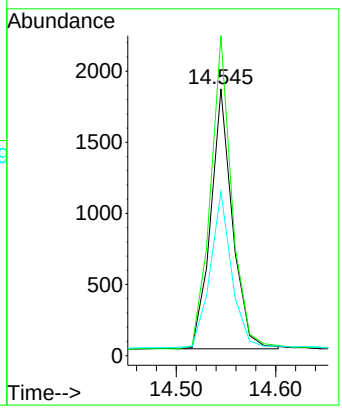
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

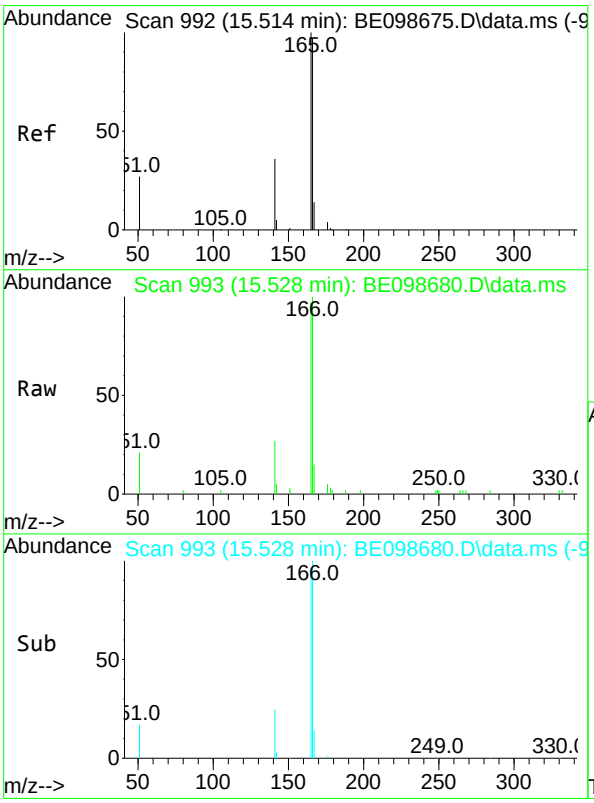


#17
Acenaphthene
Concen: 0.36 ng
RT: 14.545 min Scan# 925
Delta R.T. 0.002 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:154 Resp: 2775

Ion	Ratio	Lower	Upper
154	100		
153	118.5	93.9	140.9
152	58.5	45.8	68.8

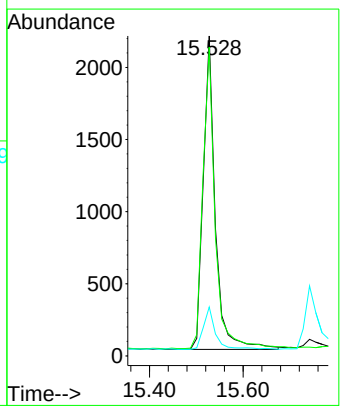




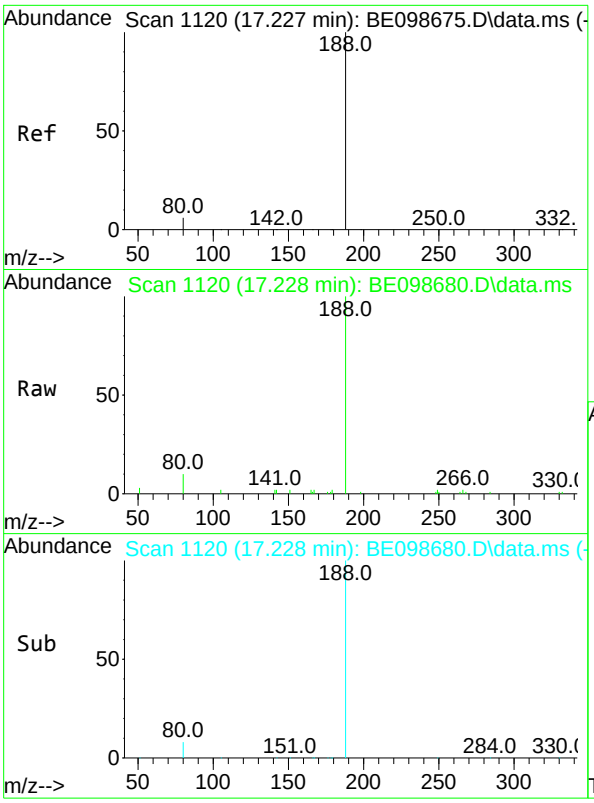
#18
Fluorene
Concen: 0.37 ng
RT: 15.528 min Scan# 993
Delta R.T. 0.014 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:166 Resp: 3895

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.3	118.9
167	13.8	10.6	15.8



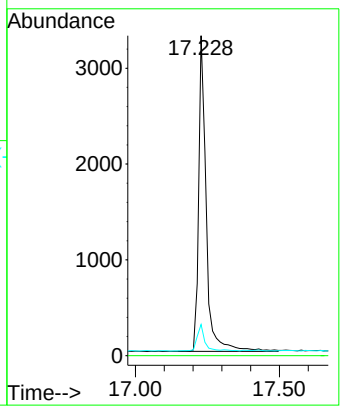
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

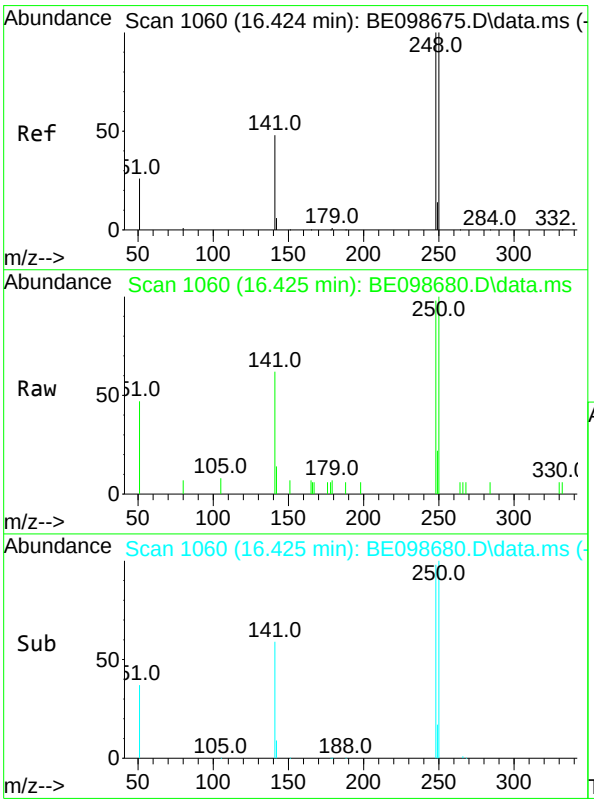


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:188 Resp: 6035

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	4.7	7.1#

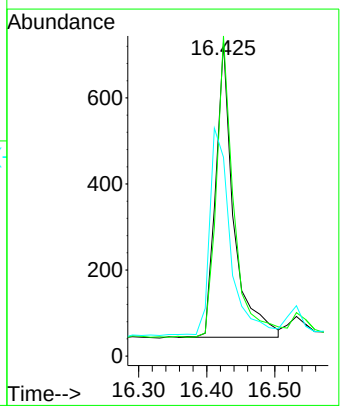




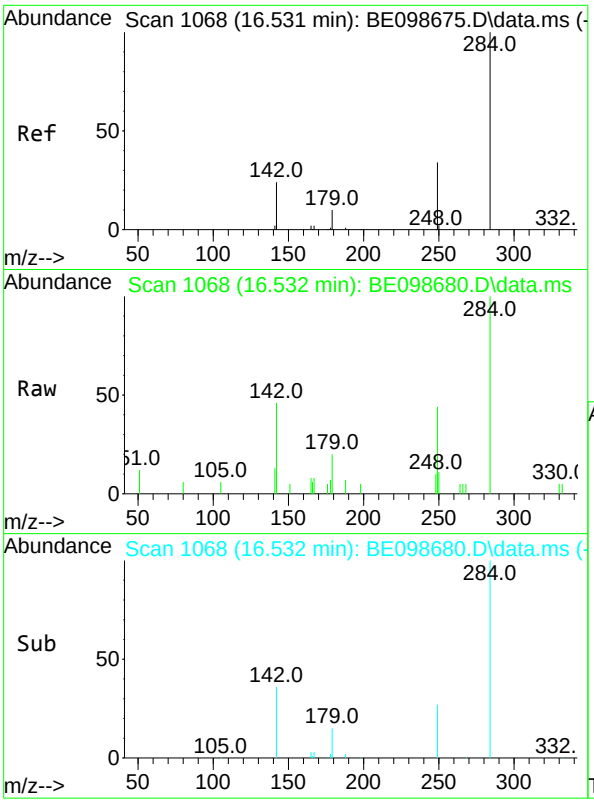
#20
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 16.425 min Scan# 1060
Delta R.T. 0.001 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:248 Resp: 1251

Ion	Ratio	Lower	Upper
248	100		
250	101.9	80.2	120.4
141	63.3	60.5	90.7



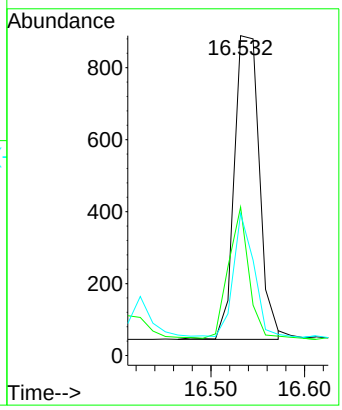
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

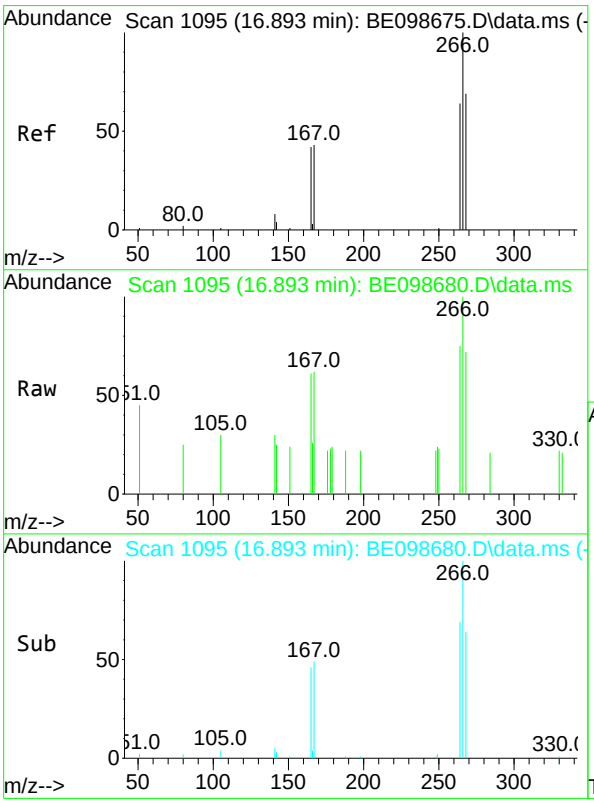


#21
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.532 min Scan# 1068
Delta R.T. 0.001 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:284 Resp: 1572

Ion	Ratio	Lower	Upper
284	100		
142	34.9	25.5	38.3
249	32.6	26.6	39.8

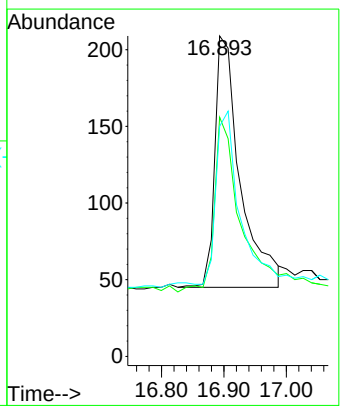




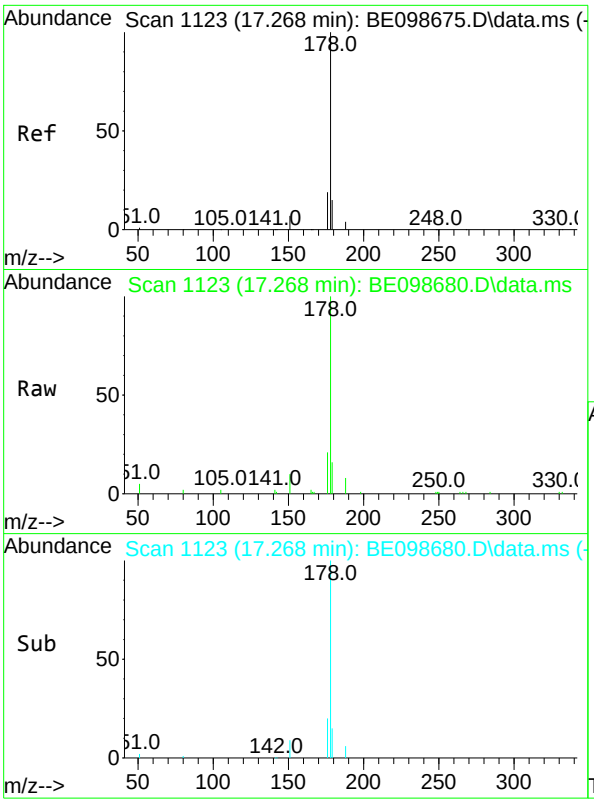
#22
Pentachlorophenol
Concen: 0.43 ng
RT: 16.893 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:266 Resp: 462

Ion	Ratio	Lower	Upper
266	100		
264	74.6	53.7	80.5
268	71.8	59.8	89.8



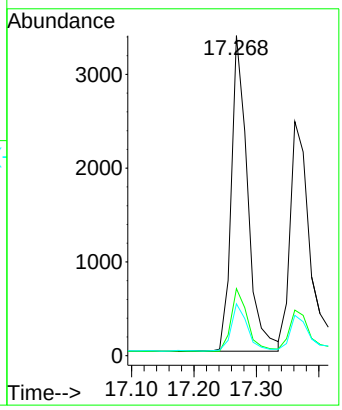
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

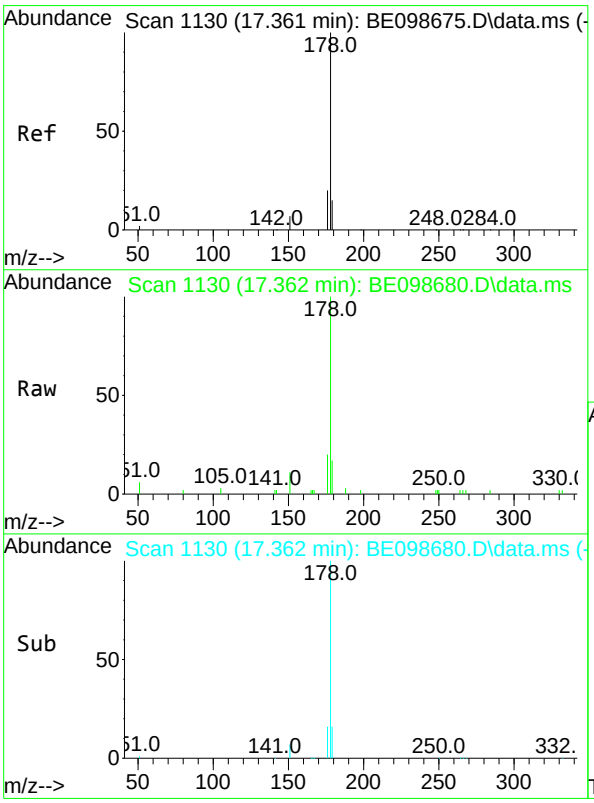


#23
Phenanthrene
Concen: 0.37 ng
RT: 17.268 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:178 Resp: 6121

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	14.9	12.2	18.4

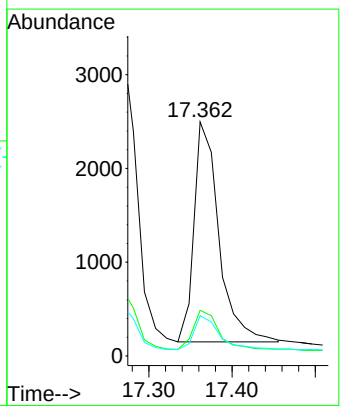


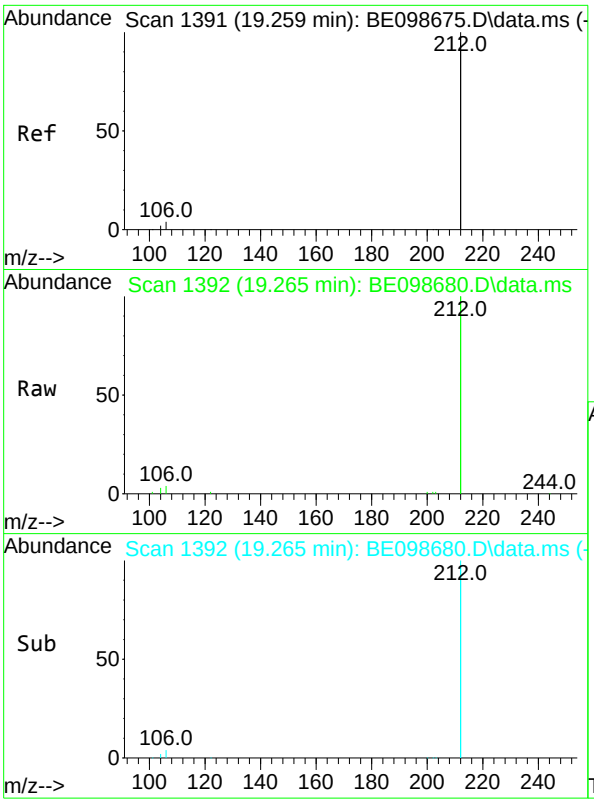


#24
Anthracene
Concen: 0.36 ng
RT: 17.362 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:178 Resp: 4872

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	15.7	11.8	17.8

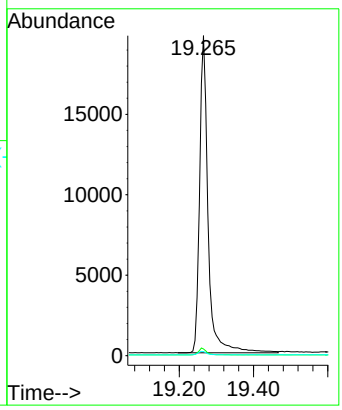




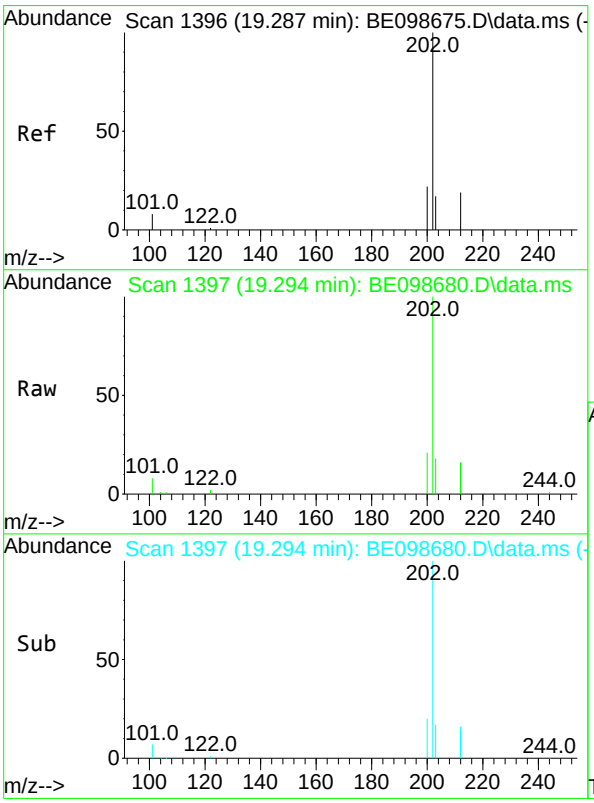
#25
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.265 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:212 Resp: 31235

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.7	2.5
104	1.1	1.0	1.6



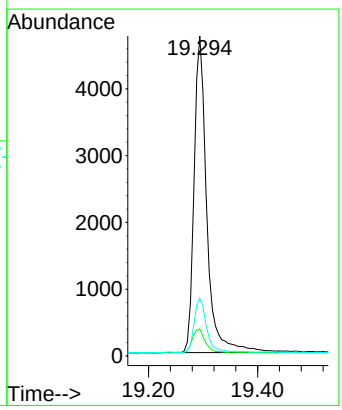
Instrument :
BNA_E
ClientSampleId :
ICVBE012419



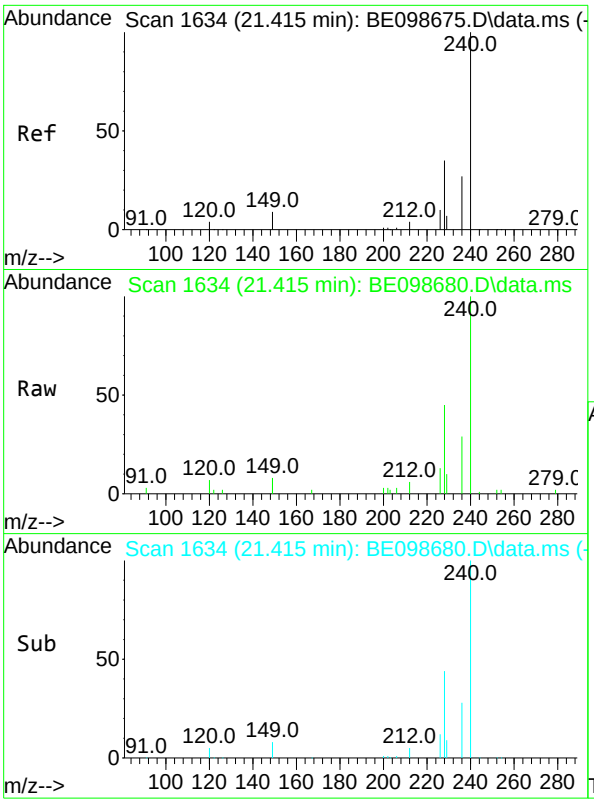
#26
Fluoranthene
Concen: 0.36 ng
RT: 19.294 min Scan# 1397
Delta R.T. 0.007 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:202 Resp: 7707

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.7	10.1
203	16.5	13.3	19.9



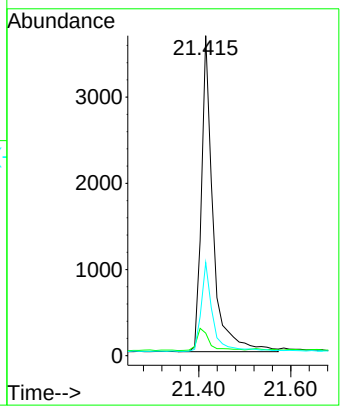
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

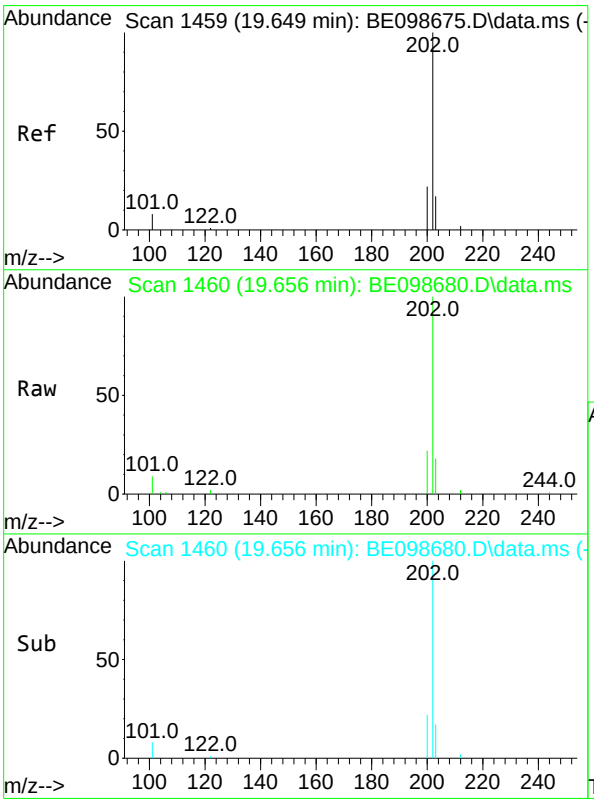


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:240 Resp: 6406

Ion	Ratio	Lower	Upper
240	100		
120	7.1	4.7	7.1
236	29.1	21.9	32.9

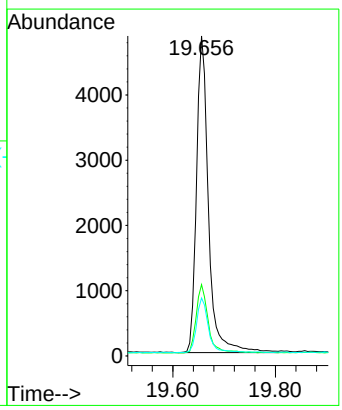




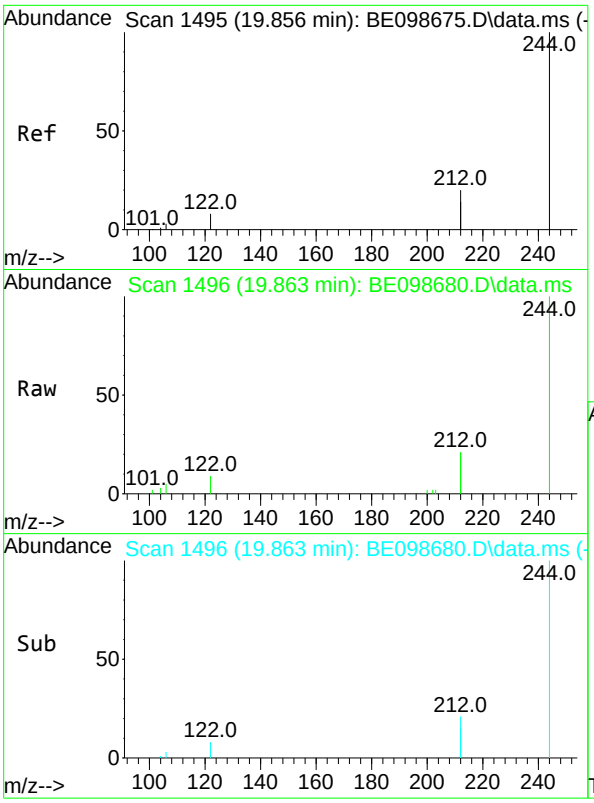
#28
Pyrene
Concen: 0.39 ng
RT: 19.656 min Scan# 1460
Delta R.T. 0.007 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:202 Resp: 7860

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.1	13.8	20.8



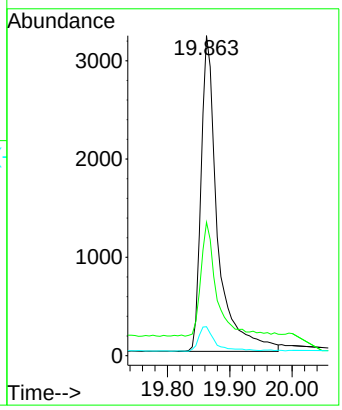
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

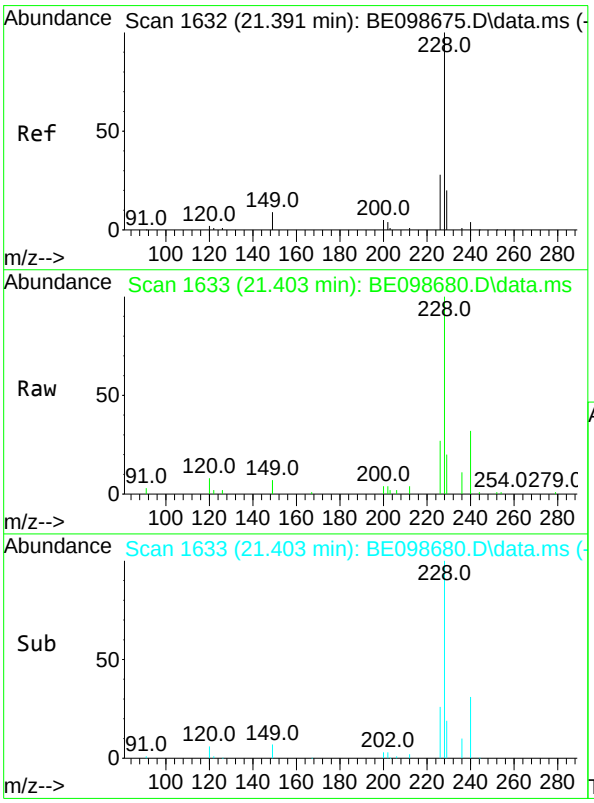


#29
Terphenyl-d14
Concen: 0.37 ng
RT: 19.863 min Scan# 1496
Delta R.T. 0.007 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:244 Resp: 5917

Ion	Ratio	Lower	Upper
244	100		
212	41.7	29.4	44.2
122	9.0	7.1	10.7

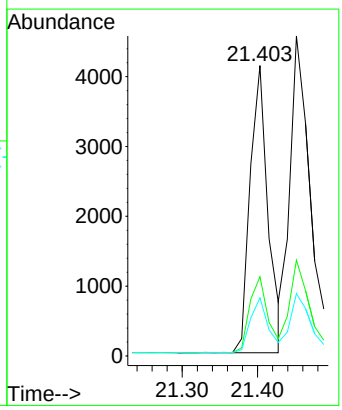




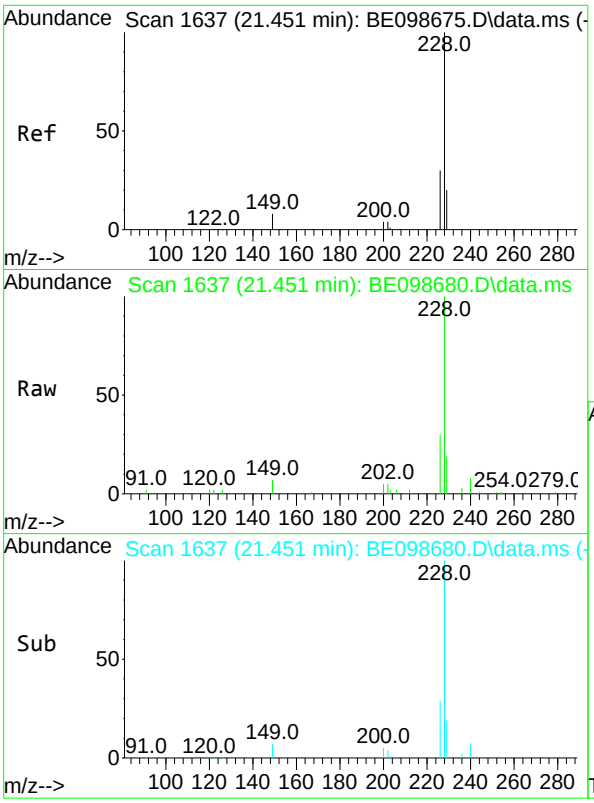
#30
Benzo(a)anthracene
Concen: 0.35 ng
RT: 21.403 min Scan# 1633
Delta R.T. 0.012 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:228 Resp: 6816

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.0	34.4
229	20.0	15.0	22.6



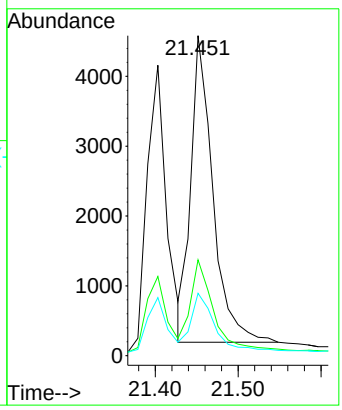
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

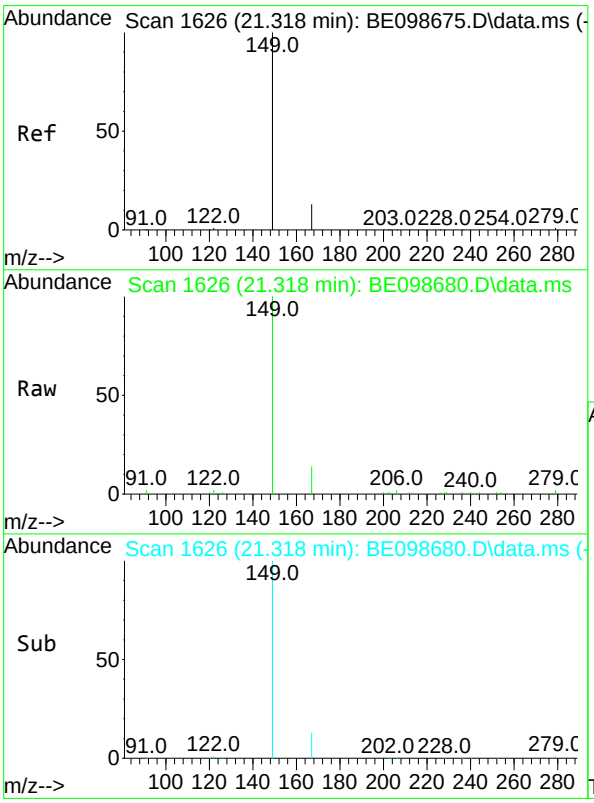


#31
Chrysene
Concen: 0.39 ng
RT: 21.451 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:228 Resp: 8121

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	36.8
229	19.5	16.4	24.6

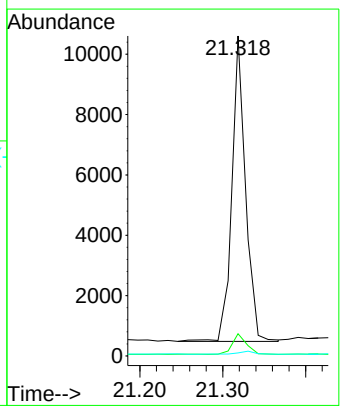




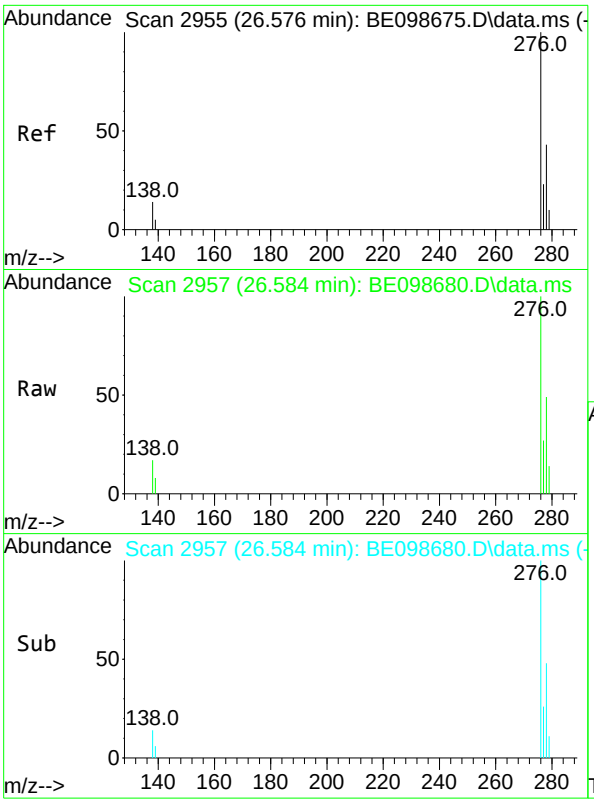
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.318 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:149 Resp: 11616

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.2
279	1.1	1.0	1.4



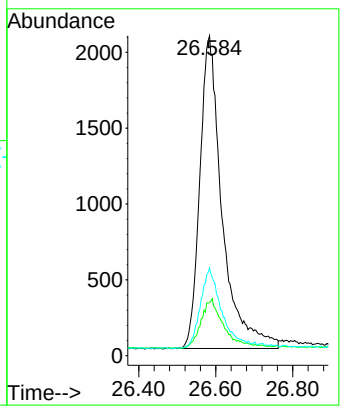
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

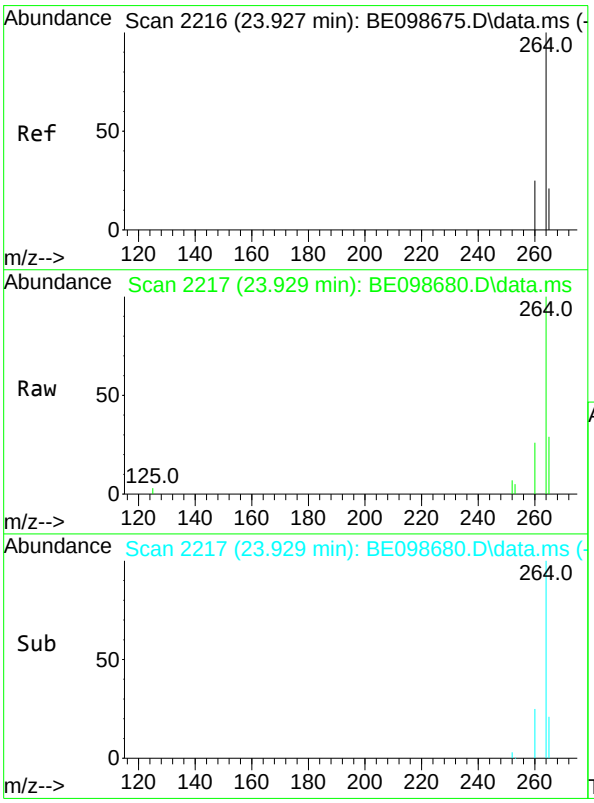


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 26.584 min Scan# 2957
Delta R.T. 0.008 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:276 Resp: 8297

Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.3	19.9
277	24.1	19.4	29.0

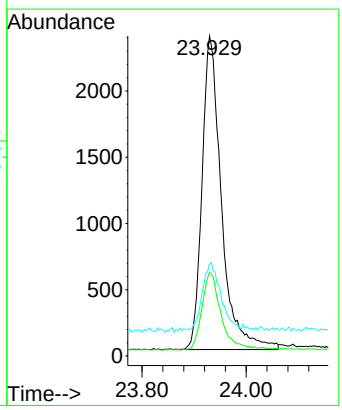




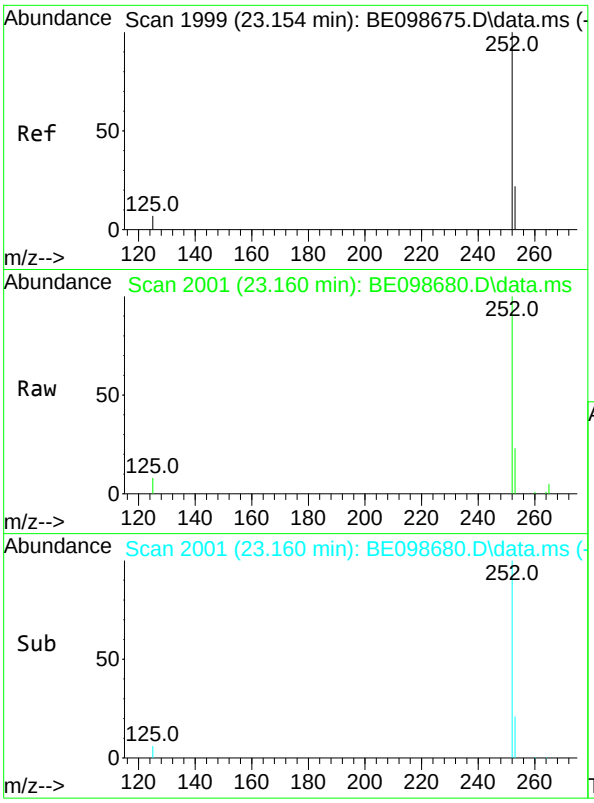
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.929 min Scan# 2217
Delta R.T. 0.002 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:264 Resp: 6121

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	28.7	22.3	33.5



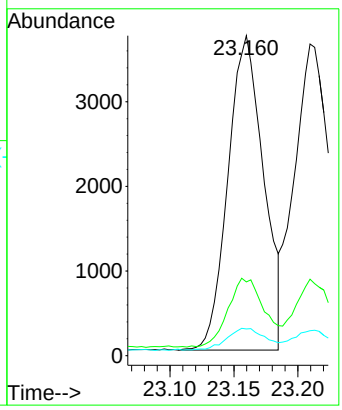
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

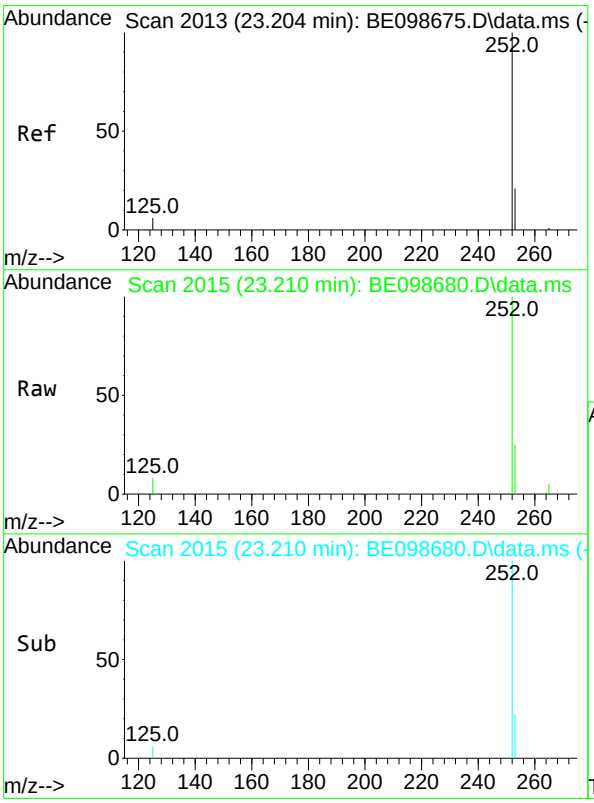


#35
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 23.160 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:252 Resp: 7197

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.0
125	8.4	8.2	12.4

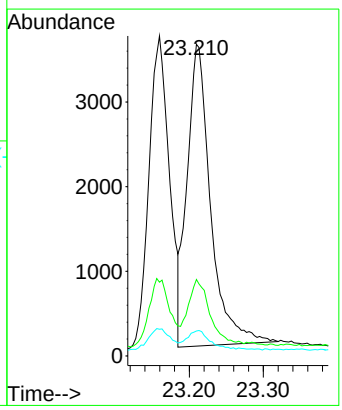




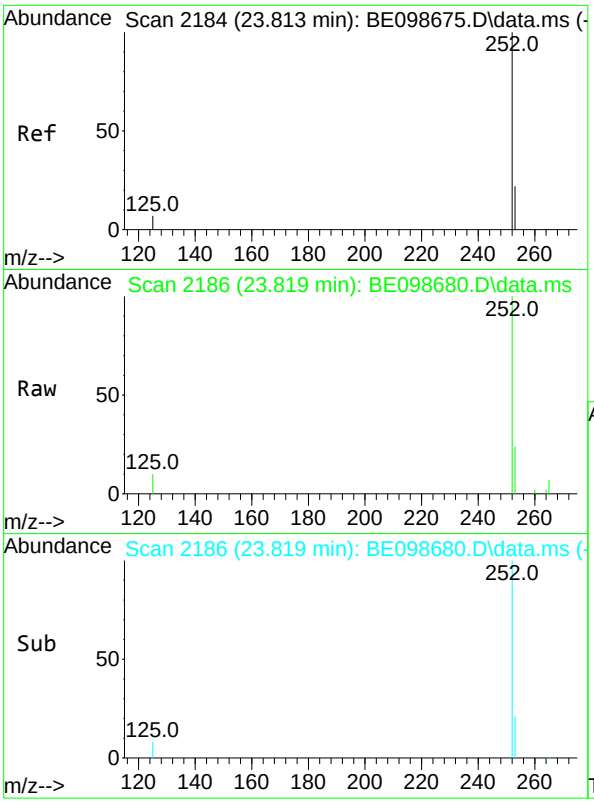
#36
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 23.210 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:252 Resp: 7855

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.0	28.4
125	8.0	7.0	10.4



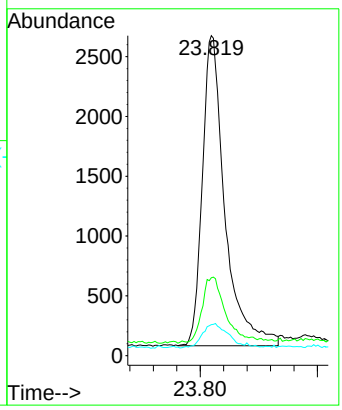
Instrument :
BNA_E
ClientSampleId :
ICVBE012419

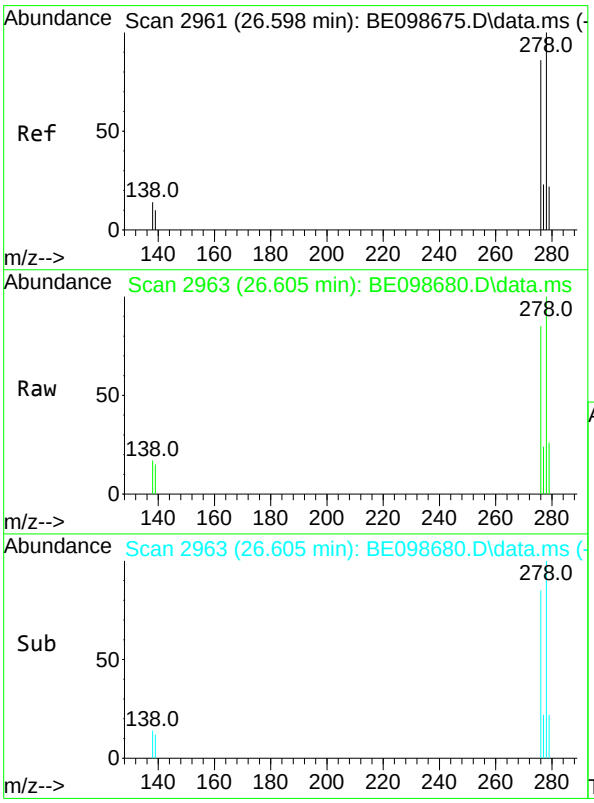


#37
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.819 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:252 Resp: 6928

Ion	Ratio	Lower	Upper
252	100		
253	24.4	21.0	31.4
125	9.7	9.2	13.8

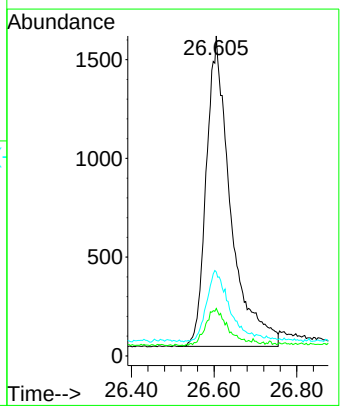


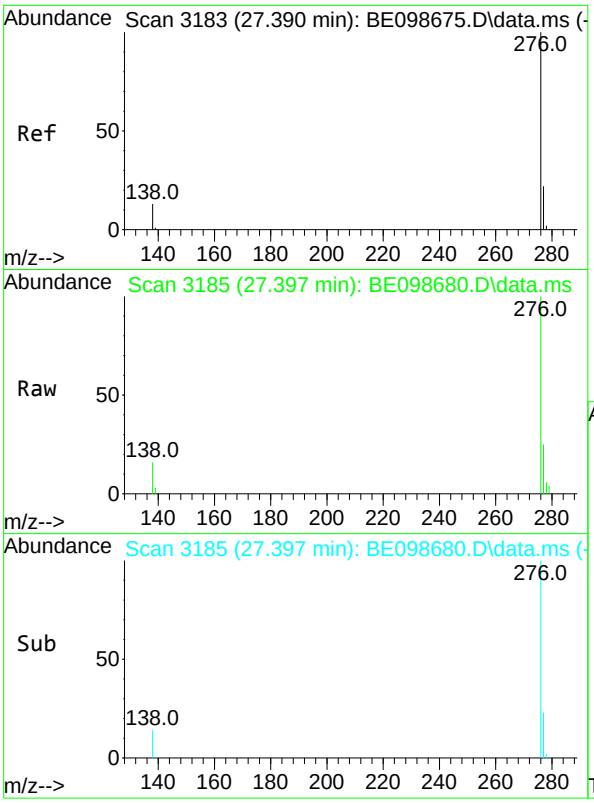


#38
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.605 min Scan# 2963
Delta R.T. 0.007 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:278 Resp: 6407

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.7	19.1
279	26.2	22.0	33.0

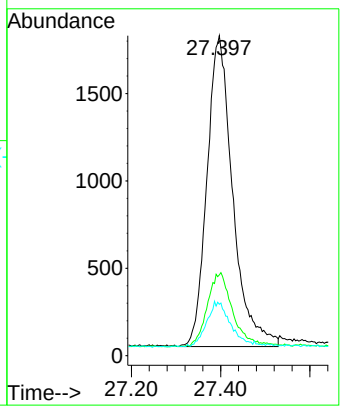




#39
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.397 min Scan# 3185
Delta R.T. 0.007 min
Lab File: BE098680.D
Acq: 24 Jan 2019 15:28

Tgt Ion:276 Resp: 7137

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.3	30.5
138	16.1	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
ICVBE012419