Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011519\
Data File : BE098625.D
Acq On : 15 Jan 2019 13:23
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Jan 15 13:57:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 12:58:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1229	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	5345	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	3423	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	7978	0.40	ng		0.00
27) Chrysene-d12	21.41	240	9549	0.40	ng		0.00
34) Perylene-d12	23.93	264	8893	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	5134	1.78	ng		0.00
5) Phenol-d6	6.98	99	7513	1.84	ng		-0.02
8) Nitrobenzene-d5	8.96	82	7689	1.58	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	13751	1.58	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	2476	1.97	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	20863	1.45	ng		0.00
25) Fluoranthene-d10	19.26	212	158320	1.55	ng		0.00
29) Terphenyl-d14	19.86	244	33079	1.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	3120	1.468	ng		96
3) n-Nitrosodimethylamine	3.63	42	3638	1.901	ng	#	100
6) bis(2-Chloroethyl)ether	7.23	93	6006	1.551	ng		97
9) Naphthalene	10.65	128	81734	1.520	ng		99
10) Hexachlorobutadiene	10.94	225	5776	1.687	ng		98
12) 2-Methylnaphthalene	12.28	142	14258	1.631	ng		99
16) Acenaphthylene	14.20	152	24124	1.504	ng		100
17) Acenaphthene	14.54	154	14872	1.544	ng		98
18) Fluorene	15.52	166	19677	1.526	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	7221	1.682	ng		90
21) Hexachlorobenzene	16.53	284	8025	1.738	ng		97
22) Pentachlorophenol	16.88	266	2619	2.876	ng		91
23) Phenanthrene	17.27	178	30652	1.581	ng		100
24) Anthracene	17.35	178	28077	1.625	ng		99
26) Fluoranthene	19.29	202	38991	1.520	ng		99
28) Pyrene	19.65	202	40420	1.349	ng		100
30) Benzo(a)anthracene	21.39	228	41298	1.519	ng		99
31) Chrysene	21.45	228	40672	1.428	ng		98
32) Bis(2-ethylhexyl)phthalate	21.32	149	82825	1.500	ng		100
33) Indeno(1,2,3-cd)pyrene	26.57	276	43367	1.530	ng		99
35) Benzo(b)fluoranthene	23.15	252	39440	1.622	ng	#	95
36) Benzo(k)fluoranthene	23.20	252	42591	1.503	ng		96
37) Benzo(a)pyrene	23.81	252	37984	1.514	ng	#	93
38) Dibenzo(a,h)anthracene	26.59	278	35313	1.494	ng	#	92
39) Benzo(g,h,i)perylene	27.38	276	36738	1.542	ng		97

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

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Misc :
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Instrument :
BNA_E
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 12:58:38 2019
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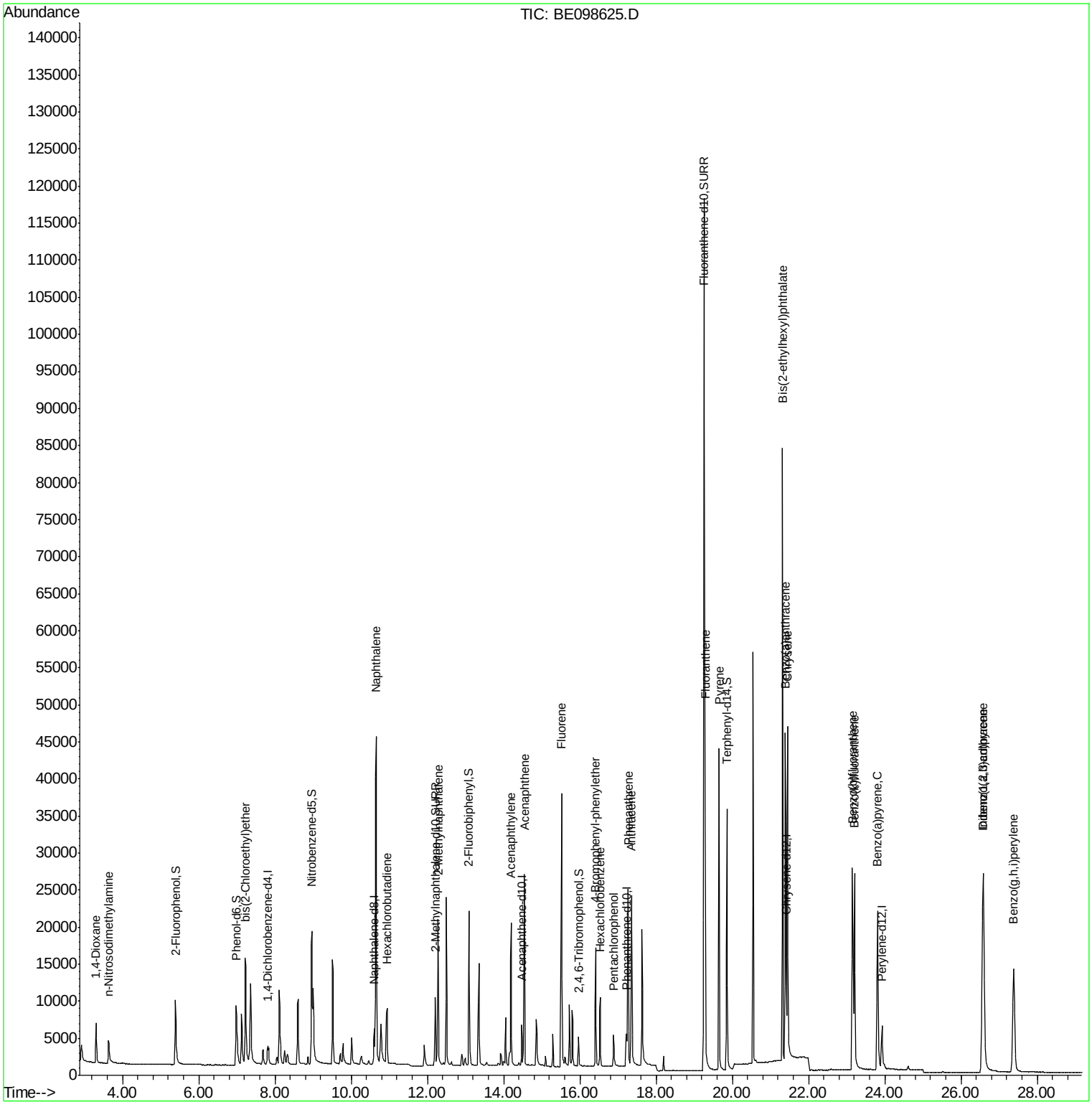
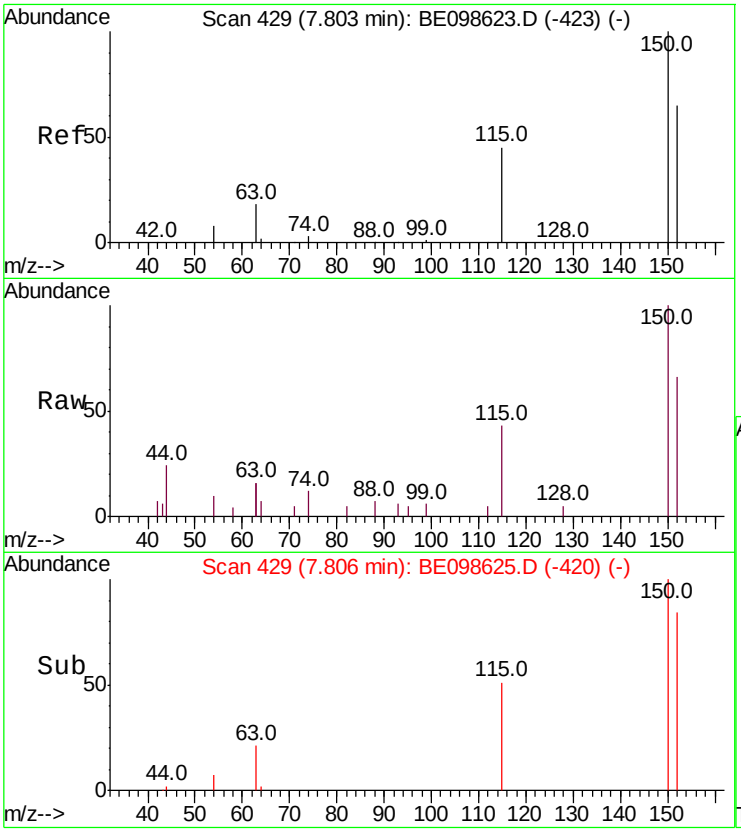


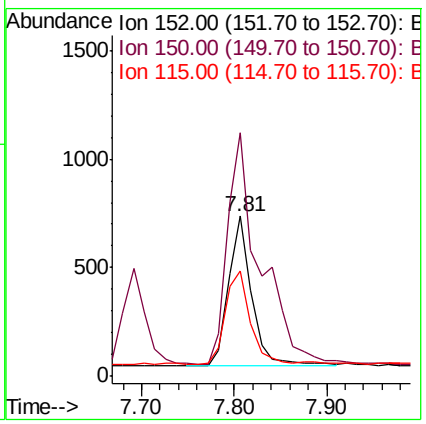


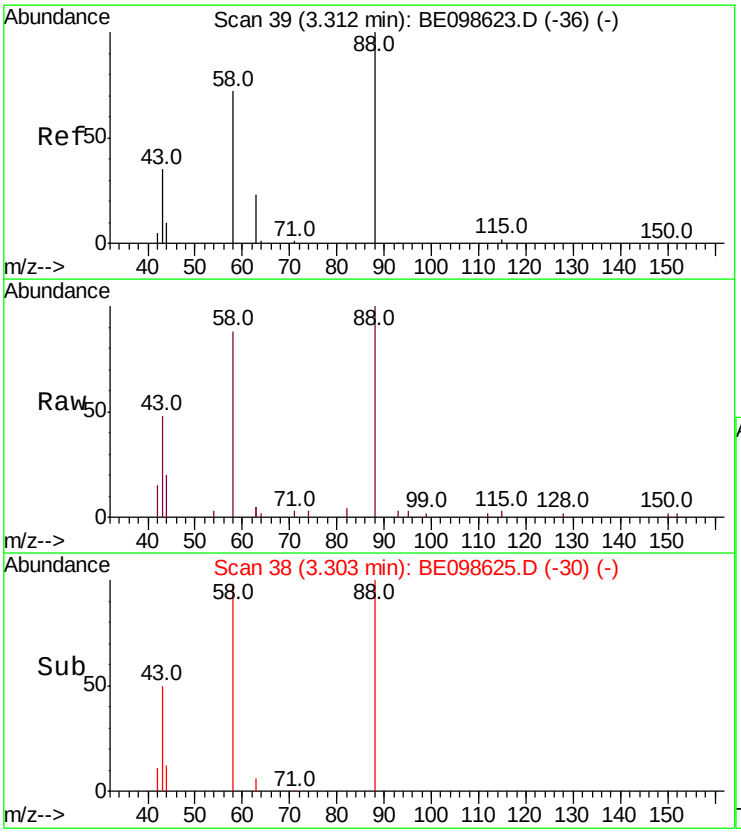
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 1229

Ion	Ratio	Lower	Upper
152	100		
150	152.1	121.4	182.2
115	65.5	59.1	88.7

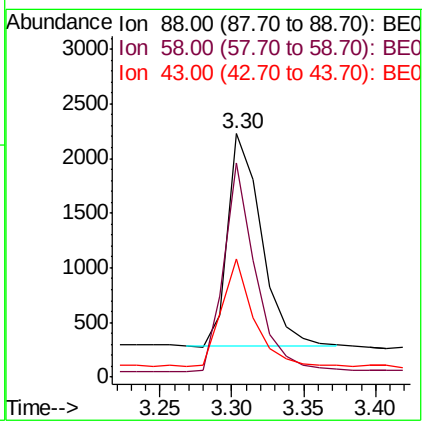


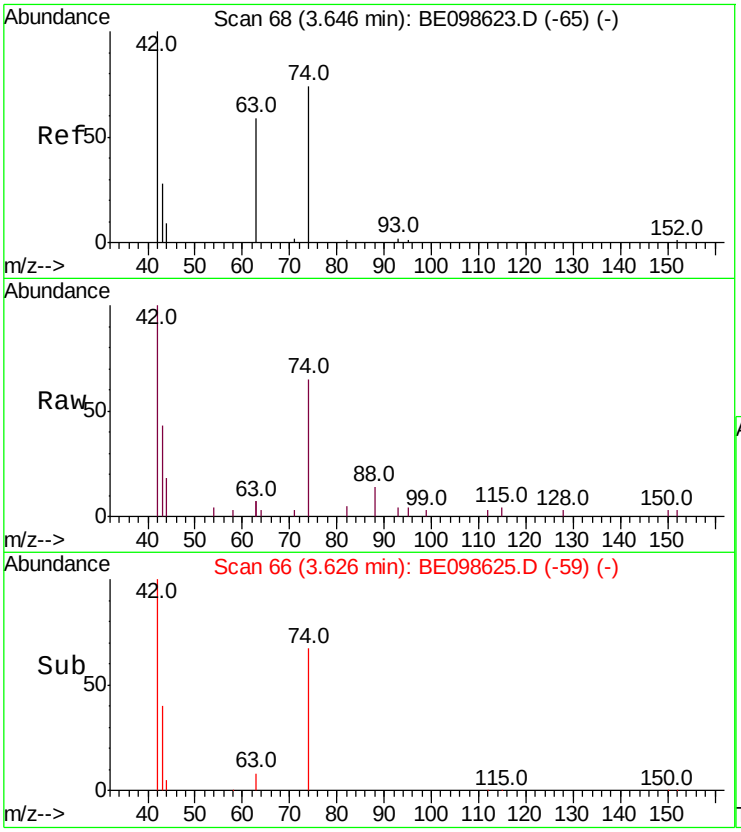


#2
1,4-Dioxane
Concen: 1.468 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion: 88 Resp: 3120

Ion	Ratio	Lower	Upper
88	100		
58	94.4	73.9	110.9
43	49.0	43.7	65.5



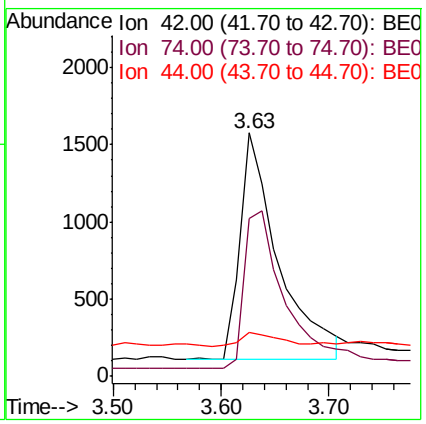


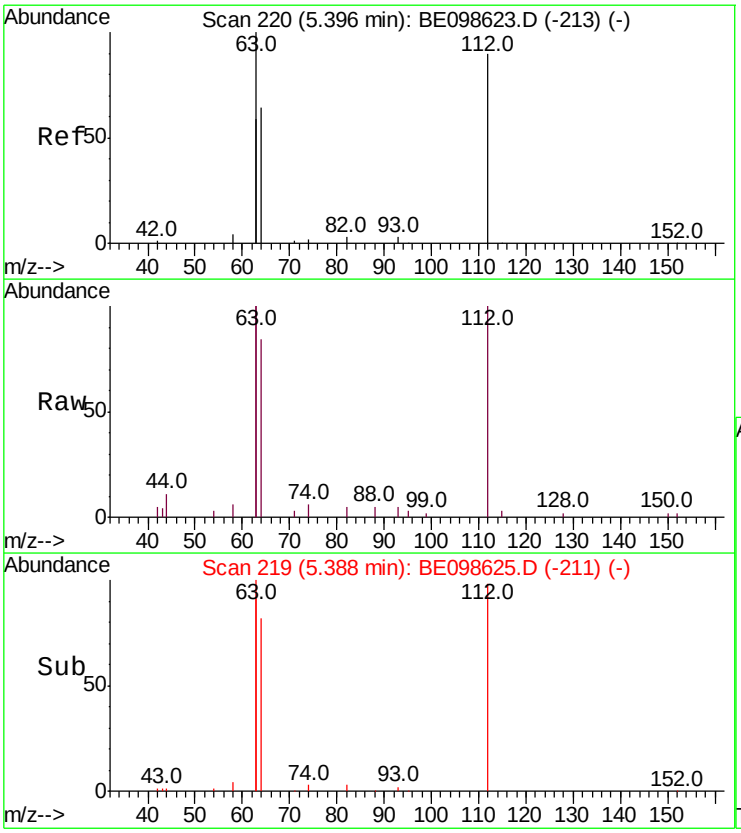
#3
n-Nitrosodimethylamine
Concen: 1.901 ng
RT: 3.63 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 3638

Ion	Ratio	Lower	Upper
42	100		
74	73.6	58.9	88.3
44	5.7	0.0	0.0#

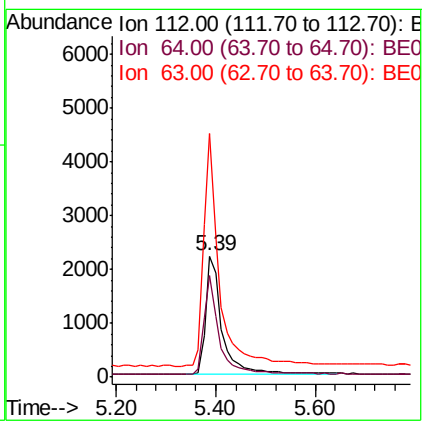


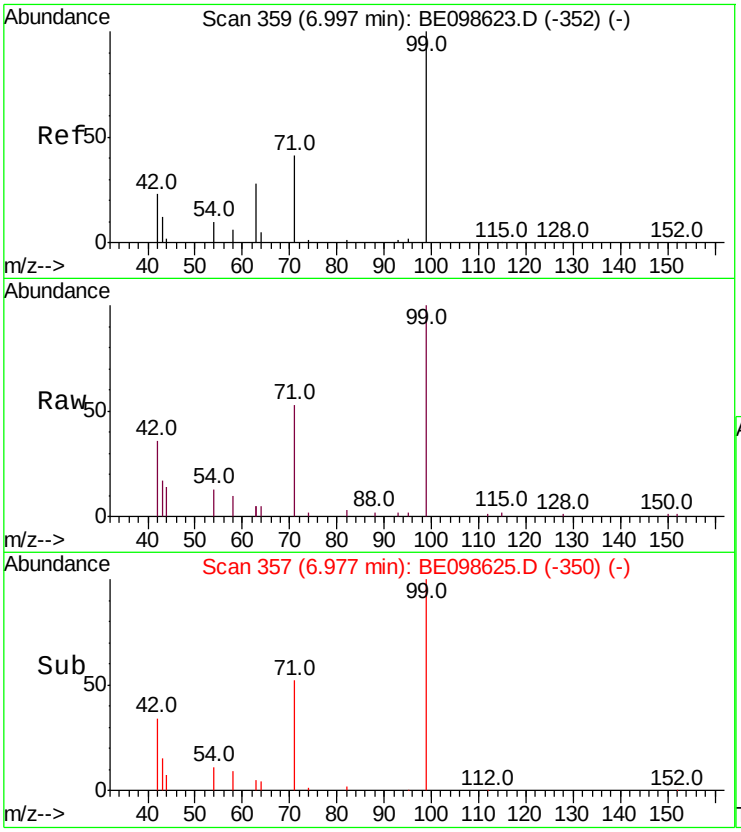


#4
2-Fluorophenol
Concen: 1.785 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.01 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:112 Resp: 5134

Ion	Ratio	Lower	Upper
112	100		
64	77.1	62.9	94.3
63	185.0	152.2	228.4



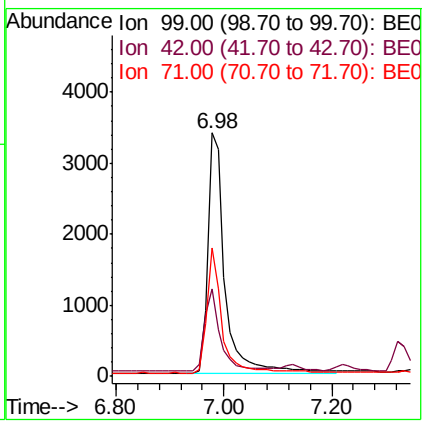


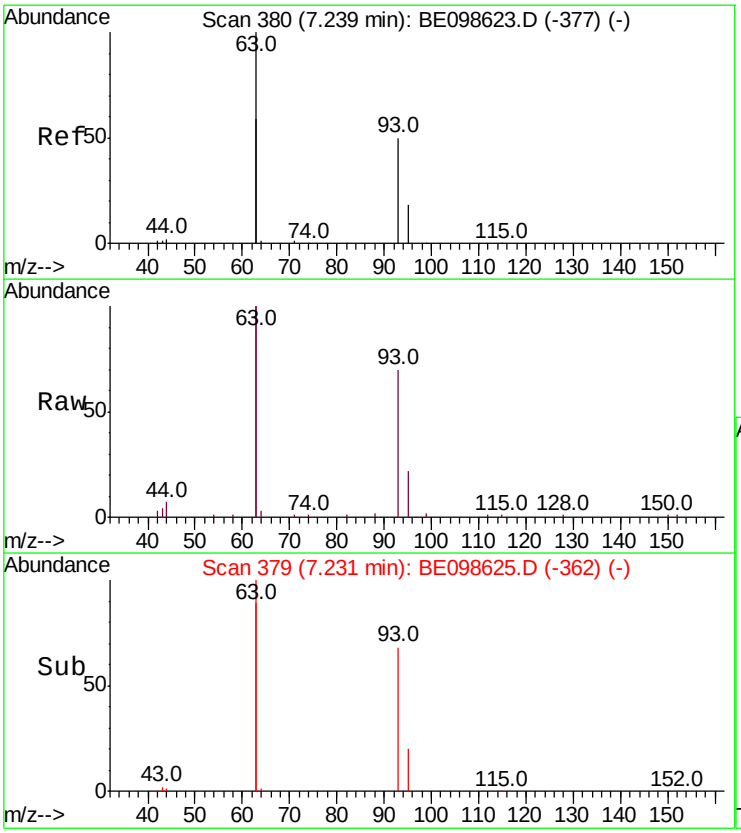
#5
Phenol-d6
Concen: 1.844 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.02 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 7513

Ion	Ratio	Lower	Upper
99	100		
42	31.6	24.6	37.0
71	45.0	35.1	52.7

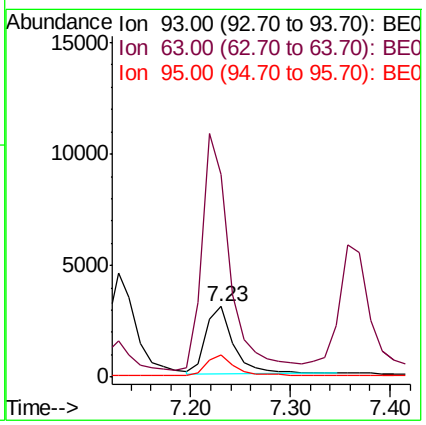


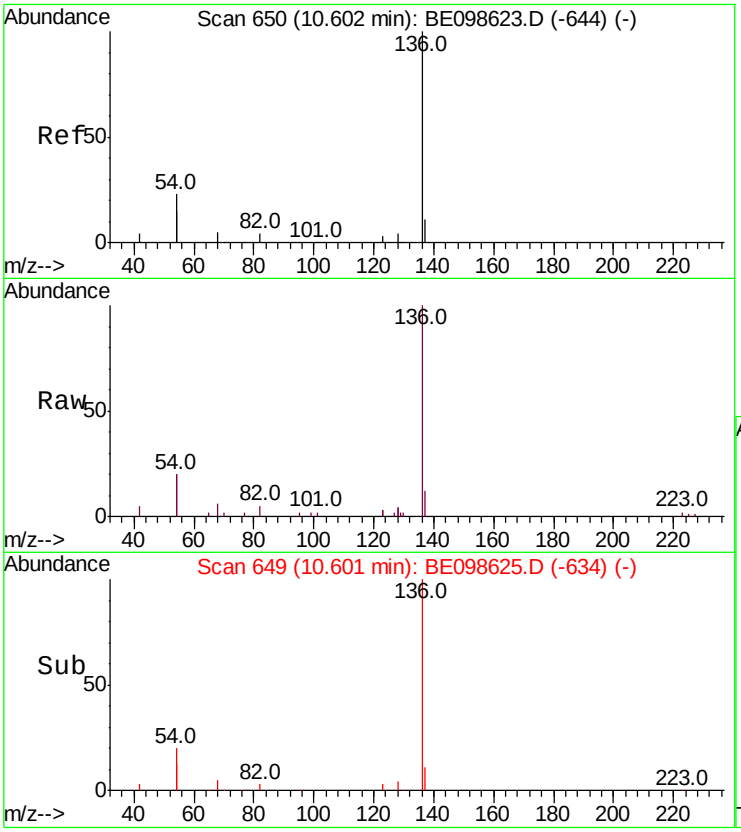


#6
bis(2-Chloroethyl)ether
Concen: 1.551 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion: 93 Resp: 6006

Ion	Ratio	Lower	Upper
93	100		
63	340.9	267.3	400.9
95	30.7	26.2	39.4



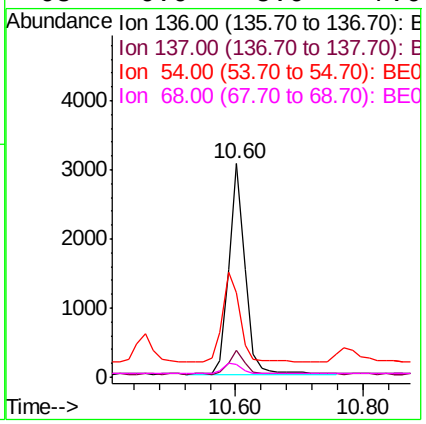


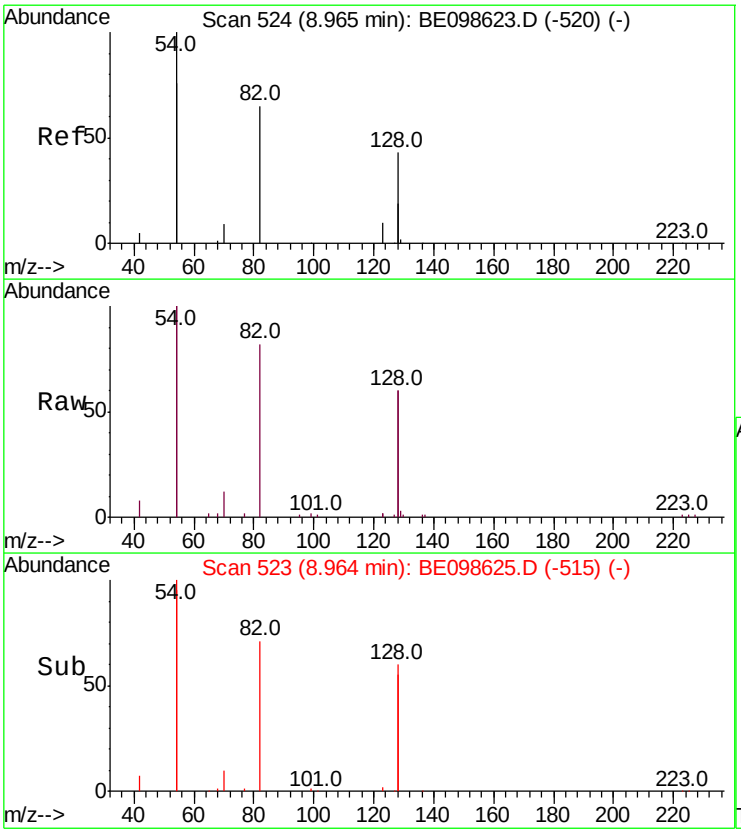
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 5345

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	39.8	35.5	53.3
68	6.0	5.0	7.6

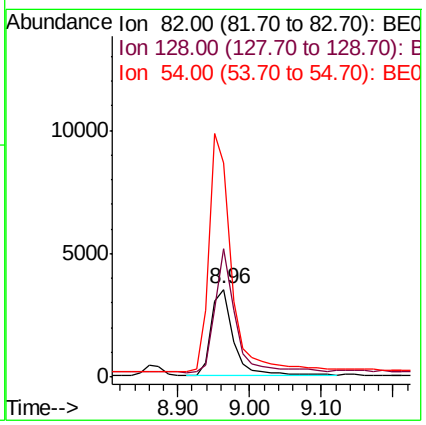


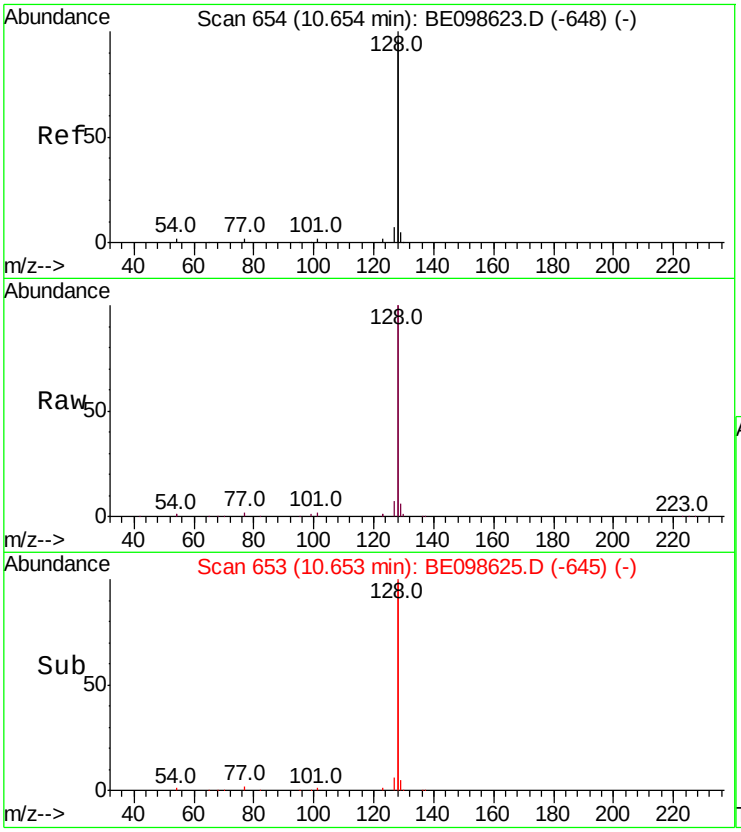


#8
Nitrobenzene-d5
Concen: 1.580 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion: 82 Resp: 7689

Ion	Ratio	Lower	Upper
82	100		
128	146.8	96.5	144.7#
54	244.2	224.7	337.1



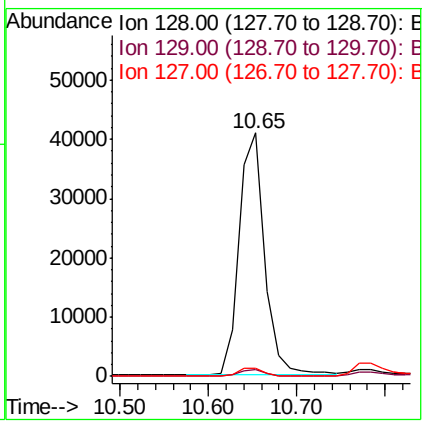


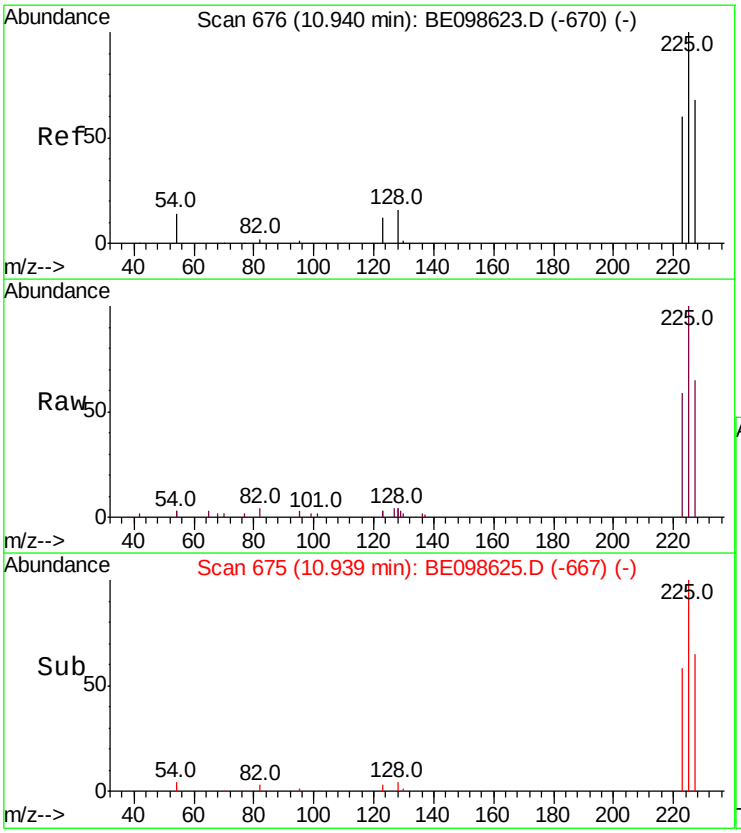
#9
Naphthalene
Concen: 1.520 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 81734

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.3	3.0	4.6

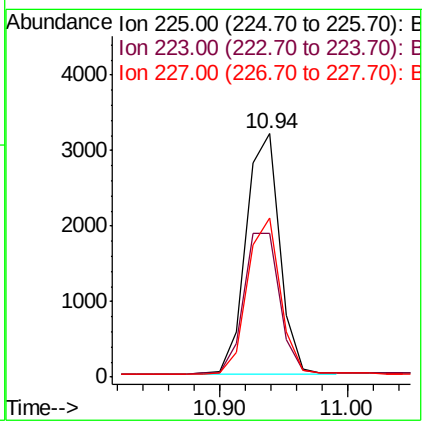


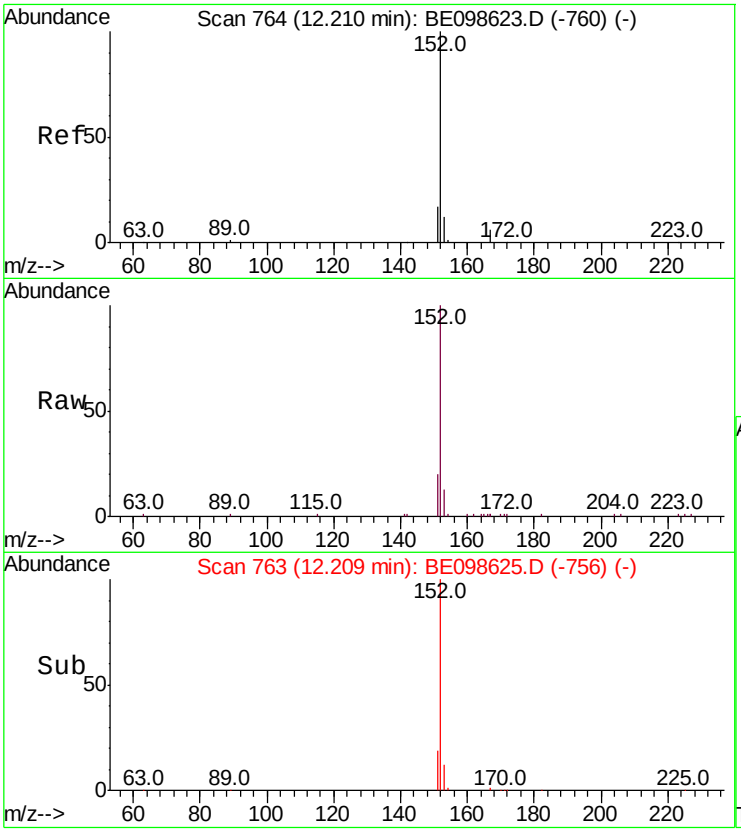


#10
Hexachlorobutadiene
Concen: 1.687 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:225 Resp: 5776

Ion	Ratio	Lower	Upper
225	100		
223	62.9	47.8	71.8
227	63.1	50.5	75.7



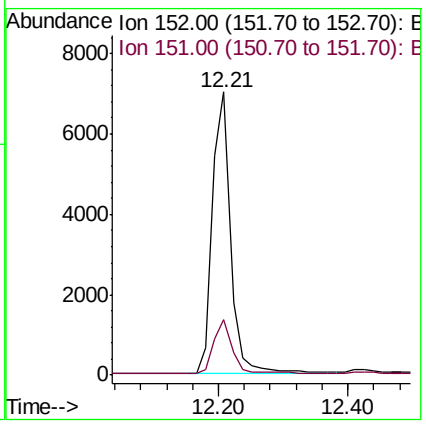


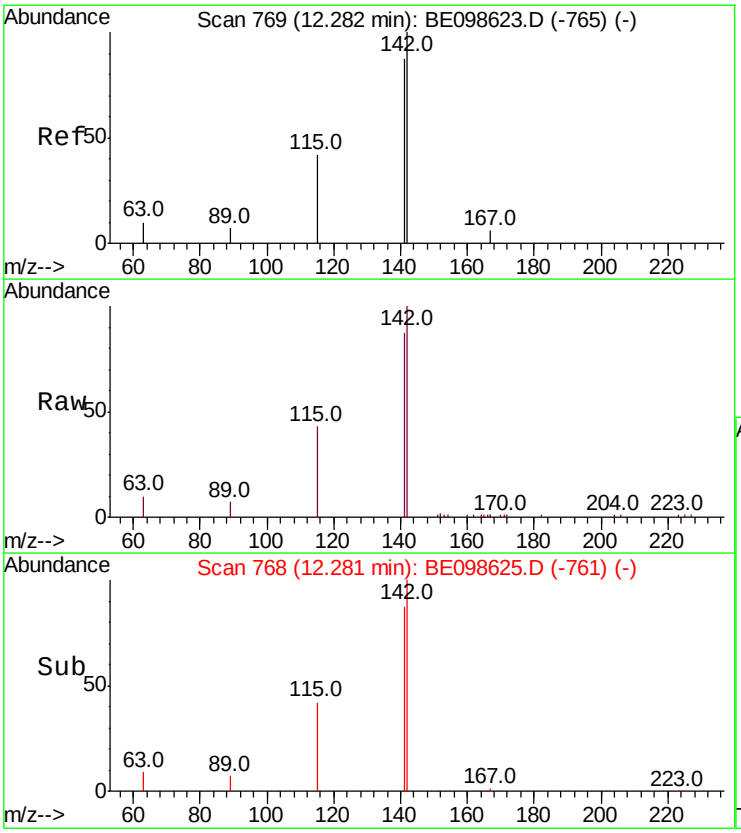
#11
2-Methylnaphthalene-d10
Concen: 1.582 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 13751

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4

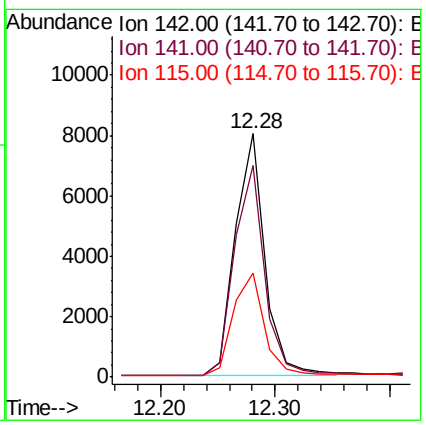


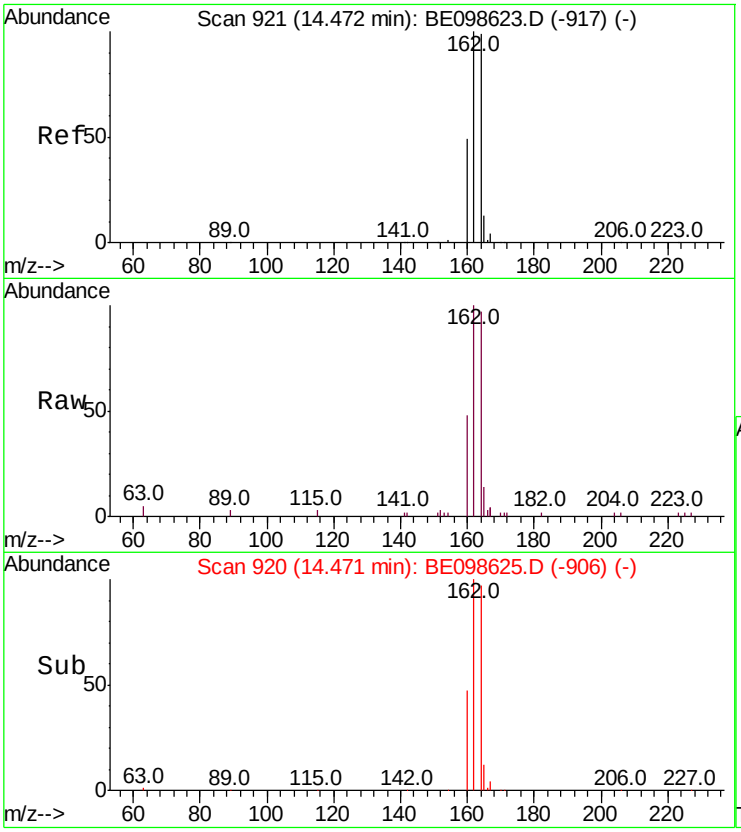


#12
2-Methylnaphthalene
Concen: 1.631 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:142 Resp: 14258

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.0	105.0
115	42.6	35.2	52.8



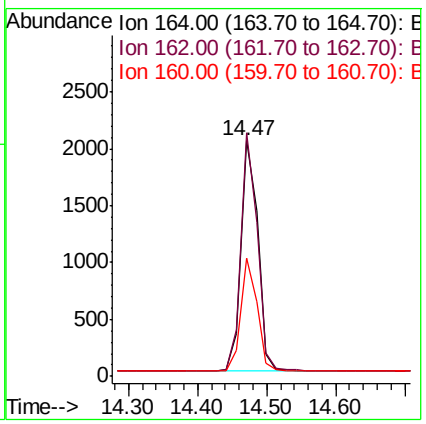


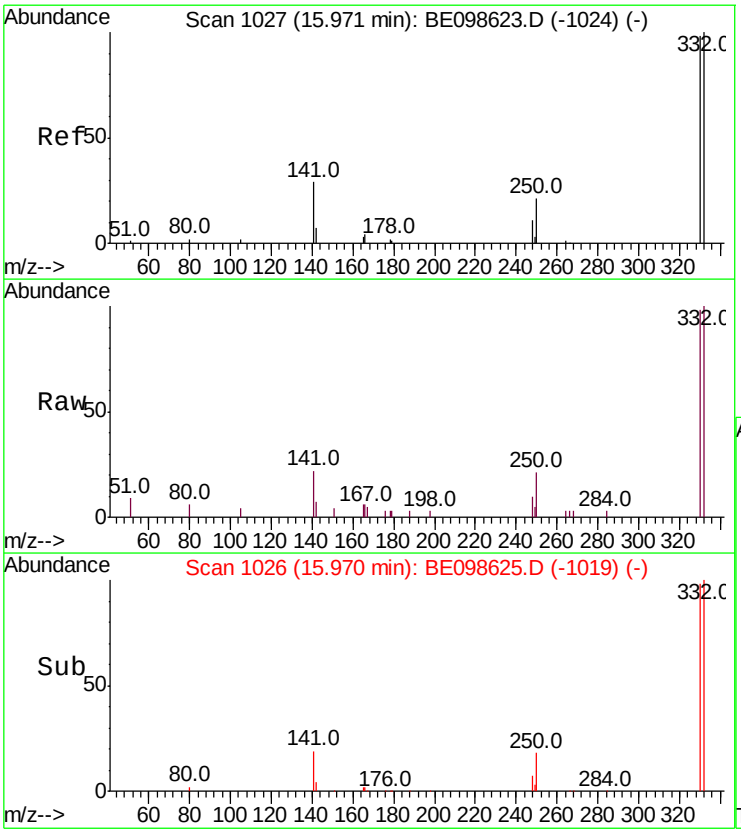
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 3423

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.5	120.7
160	50.1	40.1	60.1

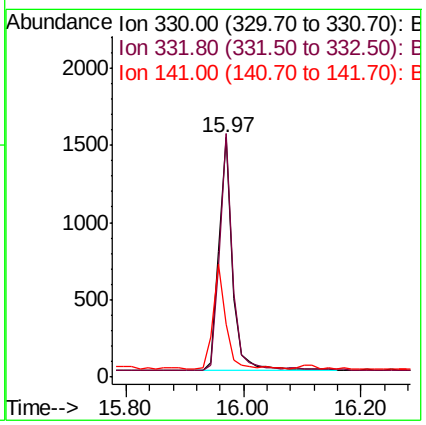


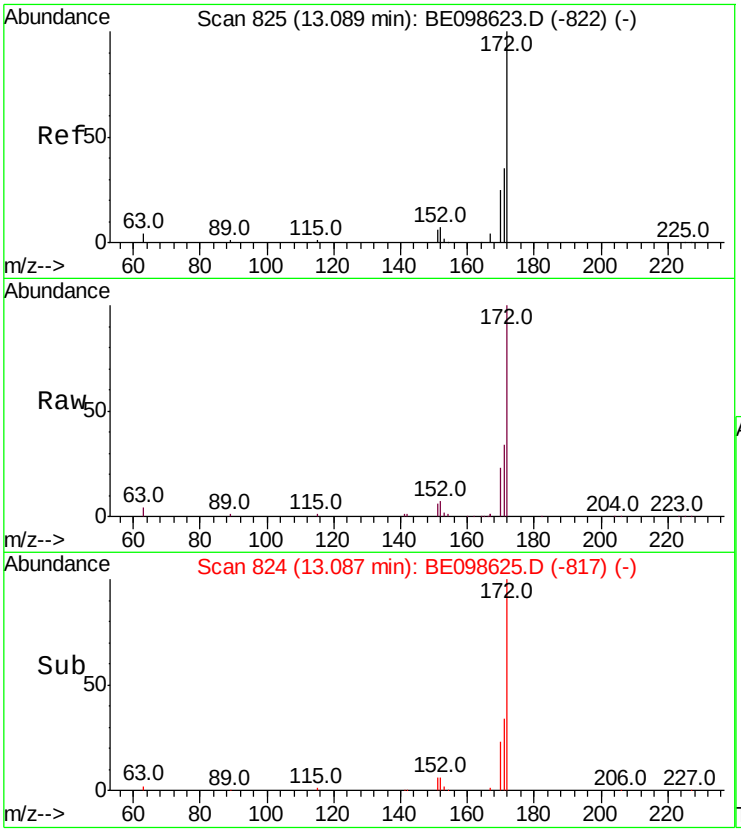


#14
2,4,6-Tribromophenol
Concen: 1.970 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:330 Resp: 2476

Ion	Ratio	Lower	Upper
330	100		
332	97.4	73.3	109.9
141	43.5	33.1	49.7



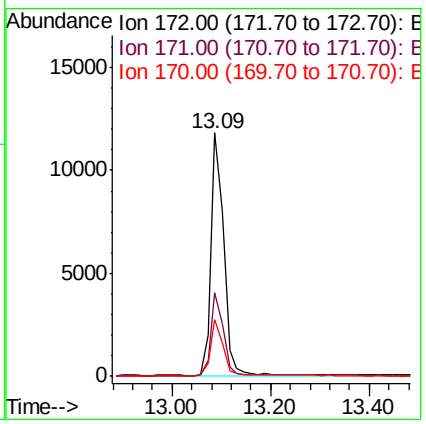


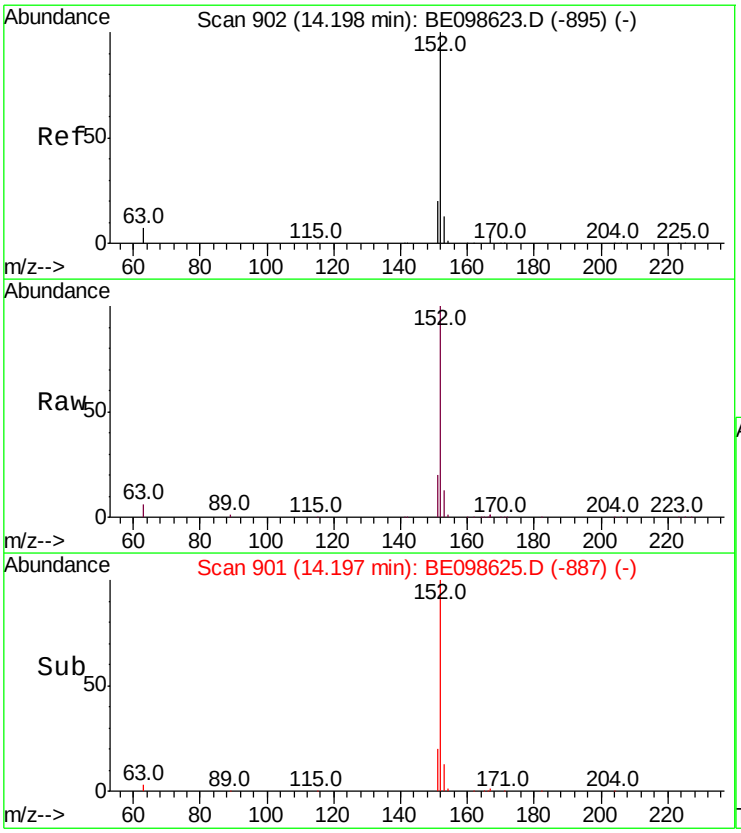
#15
2-Fluorobiphenyl
Concen: 1.445 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 20863

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.0	43.4
170	23.3	20.8	31.2

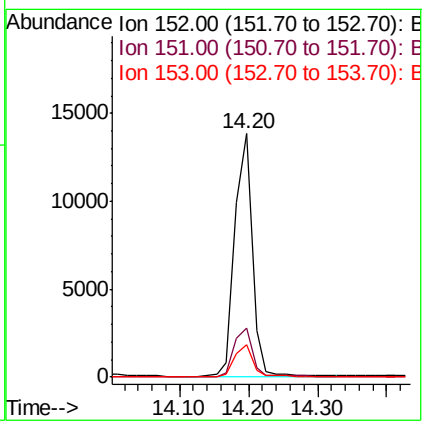


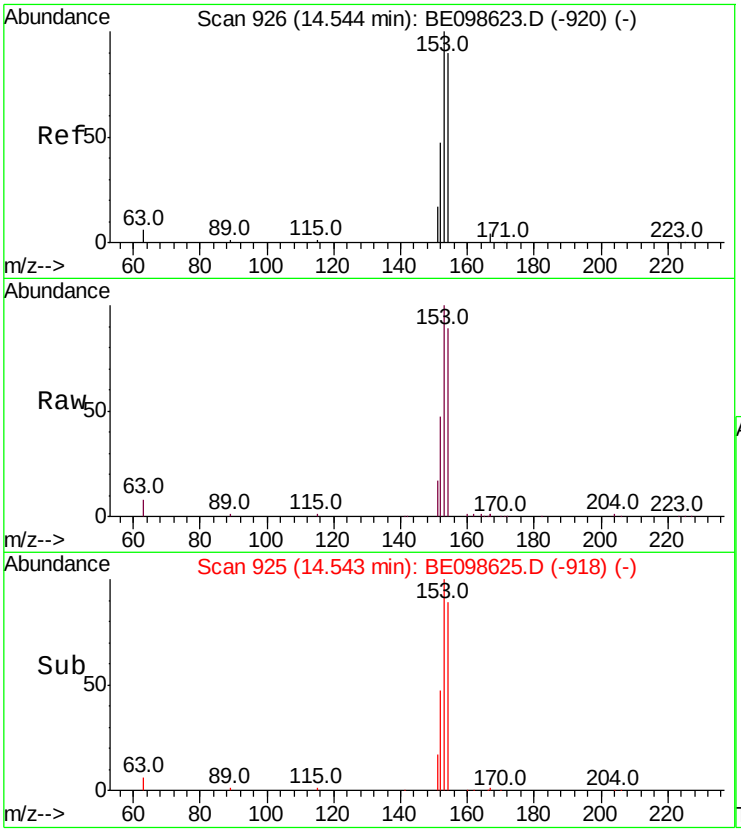


#16
Acenaphthylene
Concen: 1.504 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:152 Resp: 24124

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.7	16.1



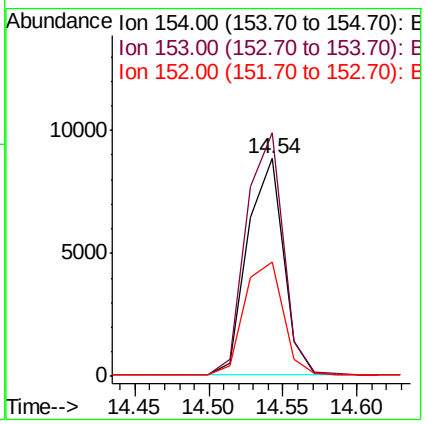


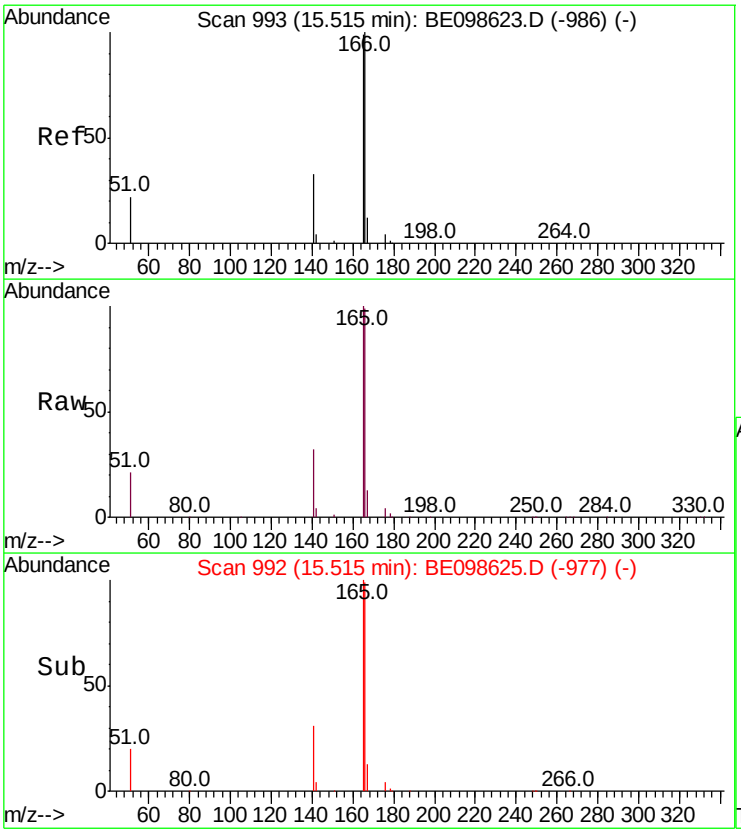
#17
Acenaphthene
Concen: 1.544 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 14872

Ion	Ratio	Lower	Upper
154	100		
153	114.8	93.9	140.9
152	56.0	45.8	68.8

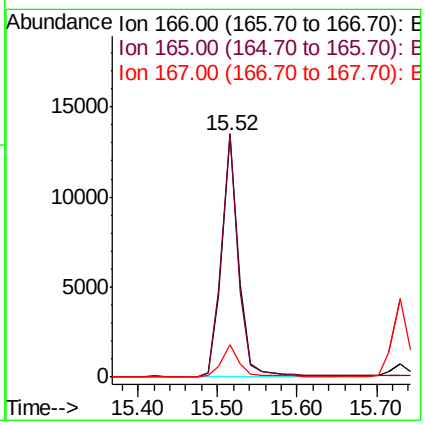


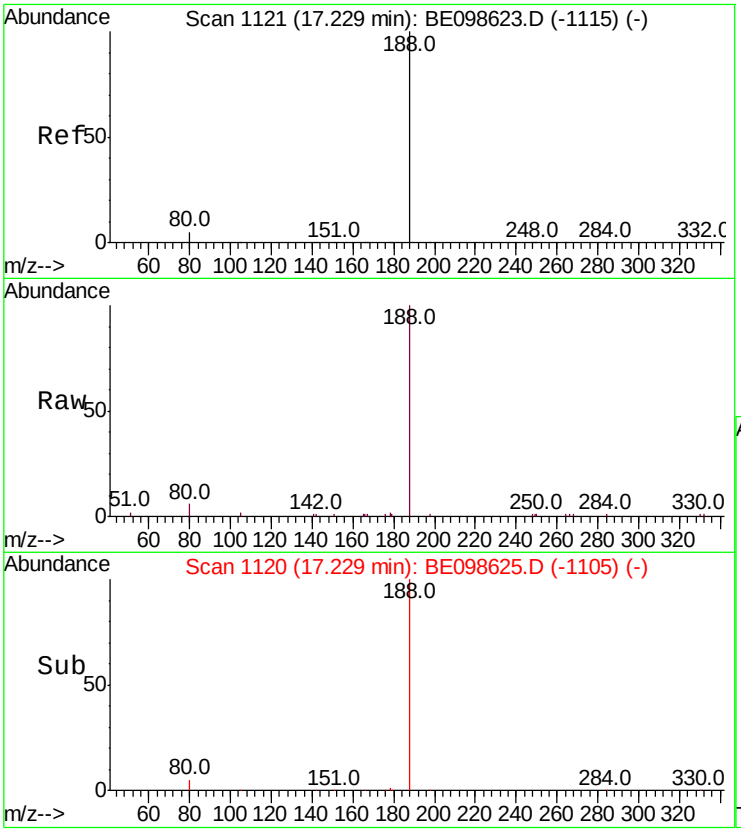


#18
Fluorene
Concen: 1.526 ng
RT: 15.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:166 Resp: 19677

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.3	118.9
167	13.1	10.6	15.8



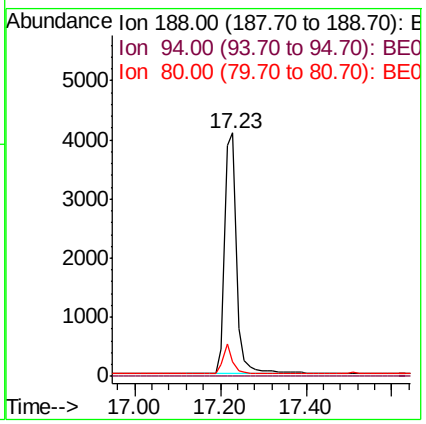


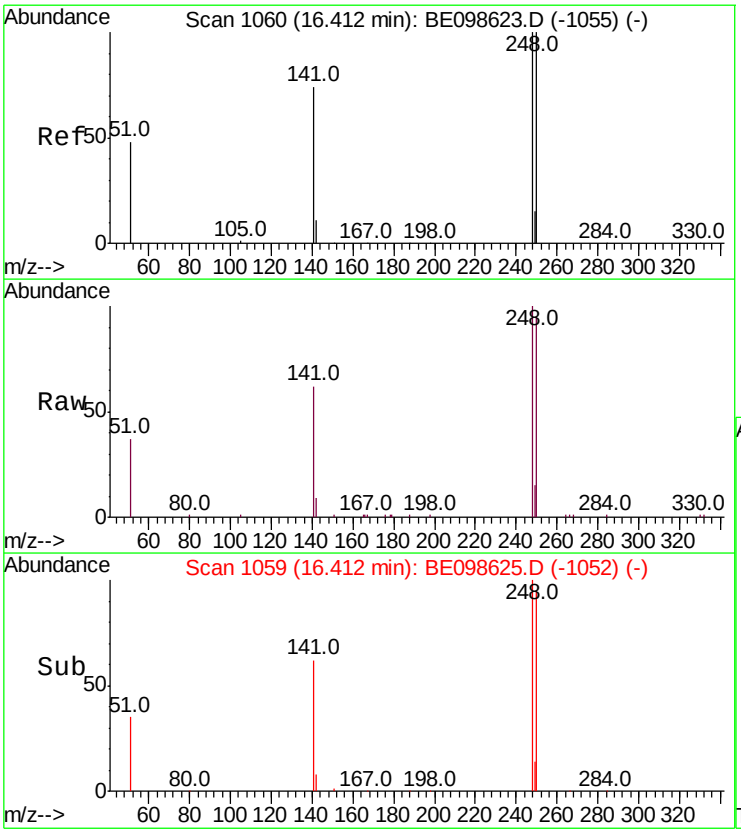
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 7978

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	4.7	7.1

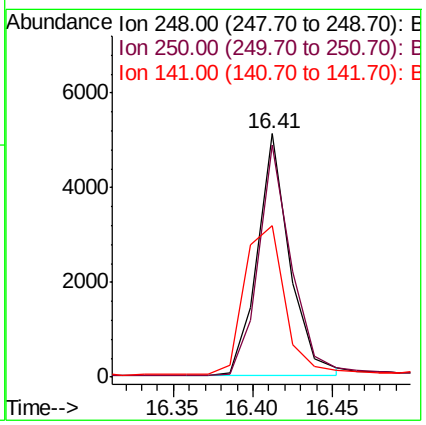


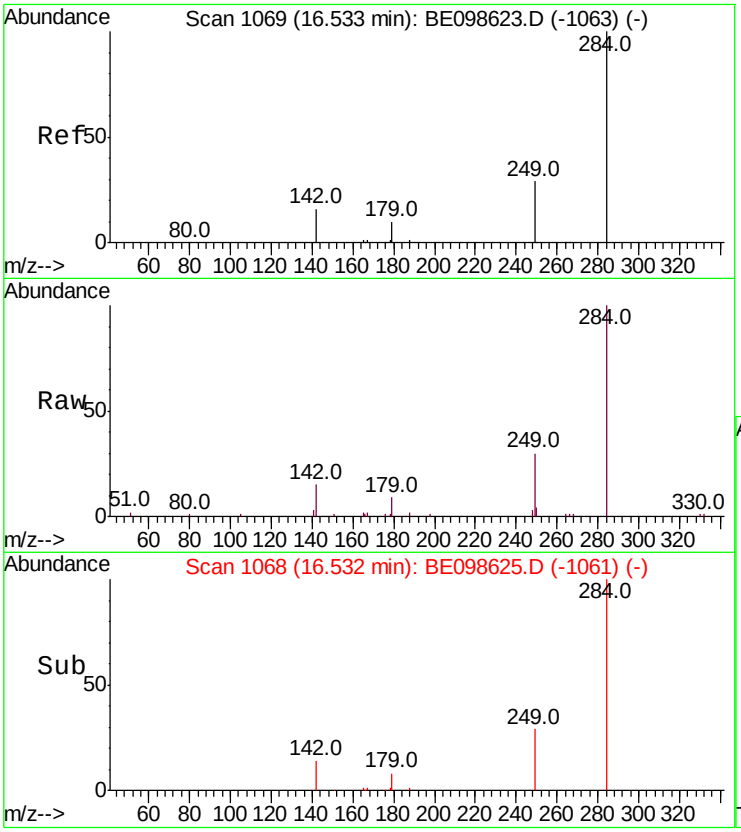


#20
4-Bromophenyl-phenylether
Concen: 1.682 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:248 Resp: 7221

Ion	Ratio	Lower	Upper
248	100		
250	95.4	80.2	120.4
141	62.1	60.5	90.7



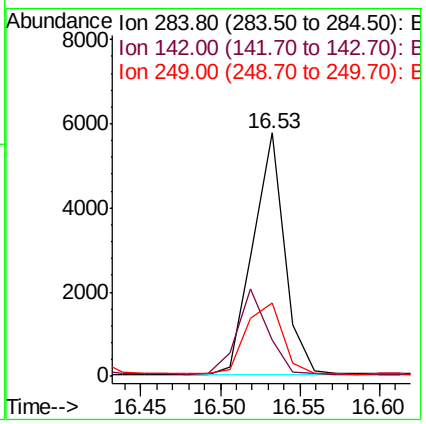


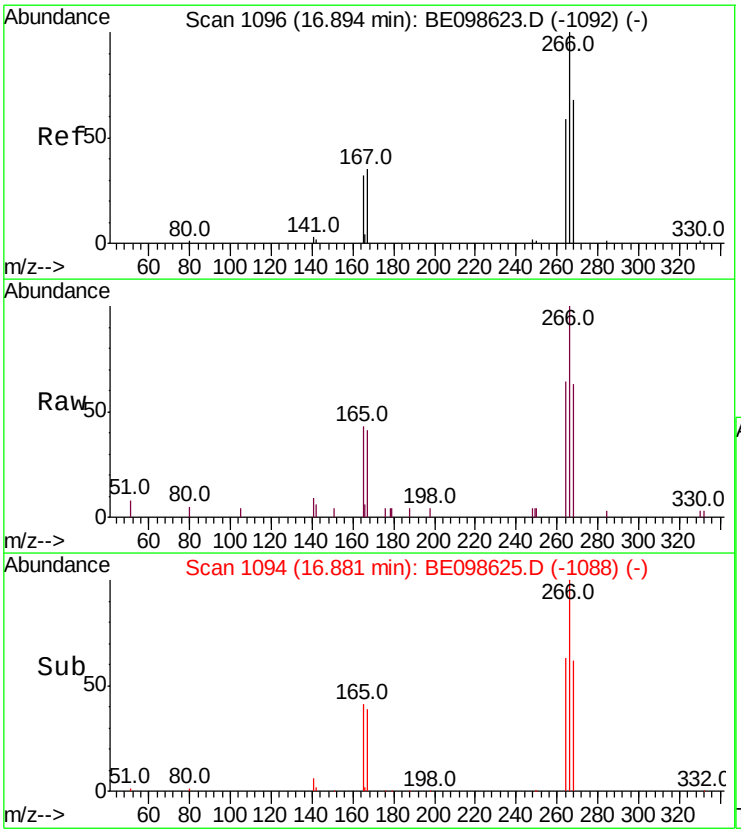
#21
Hexachlorobenzene
Concen: 1.738 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 8025

Ion	Ratio	Lower	Upper
284	100		
142	34.4	25.5	38.3
249	33.8	26.6	39.8

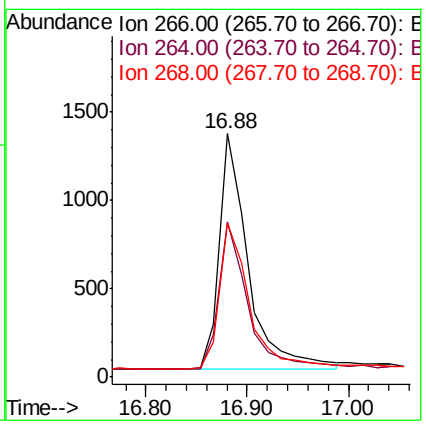


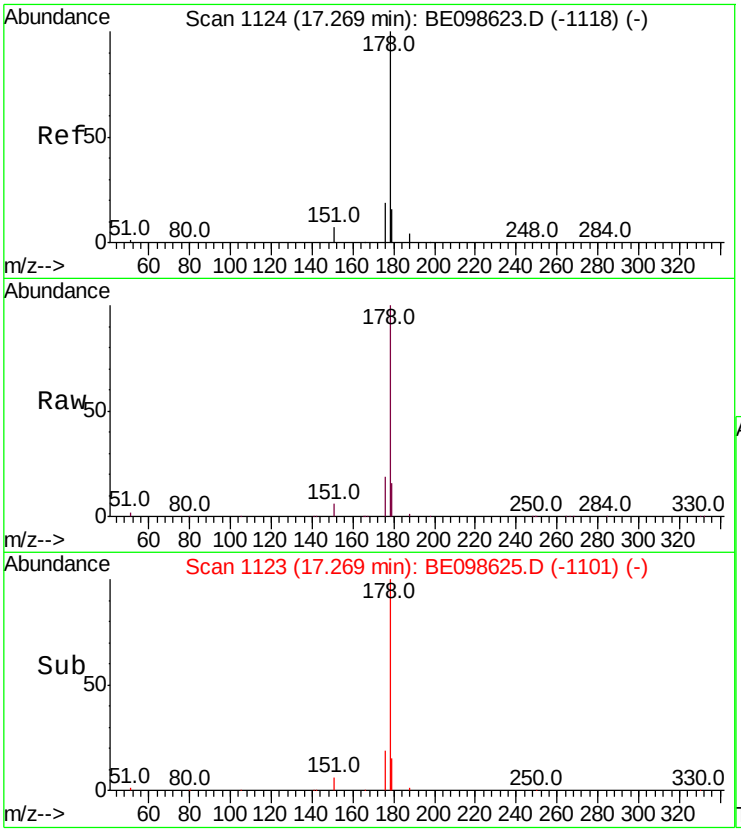


#22
Pentachlorophenol
Concen: 2.876 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:266 Resp: 2619

Ion	Ratio	Lower	Upper
266	100		
264	64.0	53.7	80.5
268	63.1	59.8	89.8



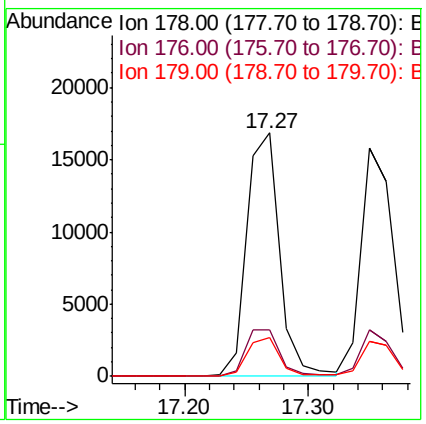


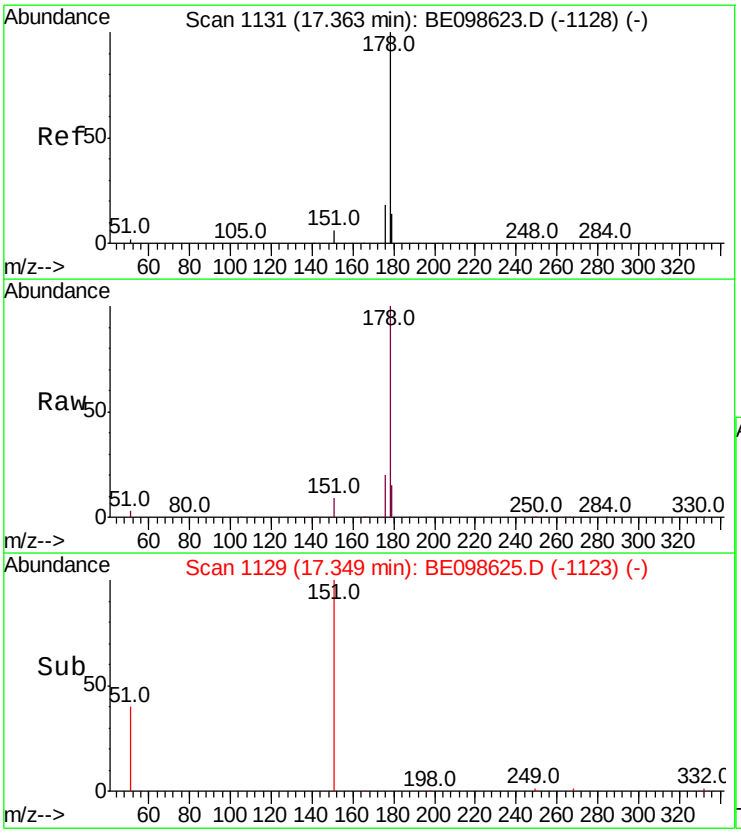
#23
Phenanthrene
Concen: 1.581 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 30652

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.4	12.2	18.4

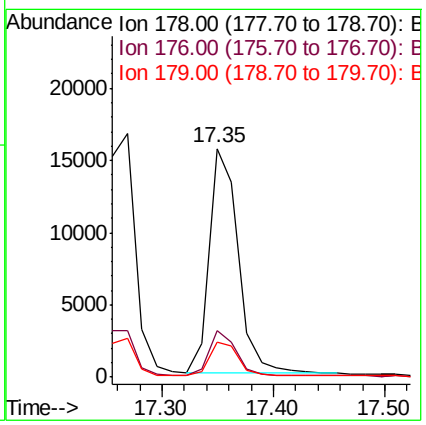


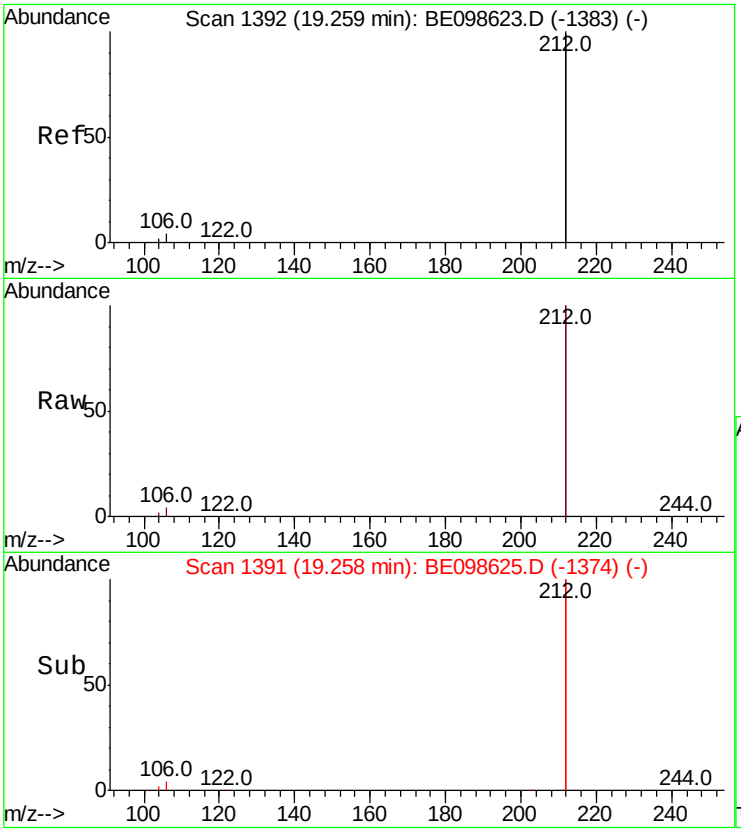


#24
Anthracene
Concen: 1.625 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:178 Resp: 28077

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.4	11.8	17.8



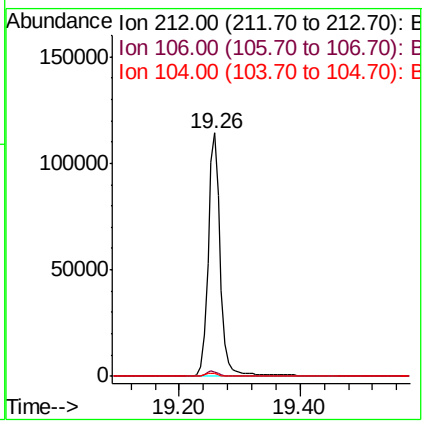


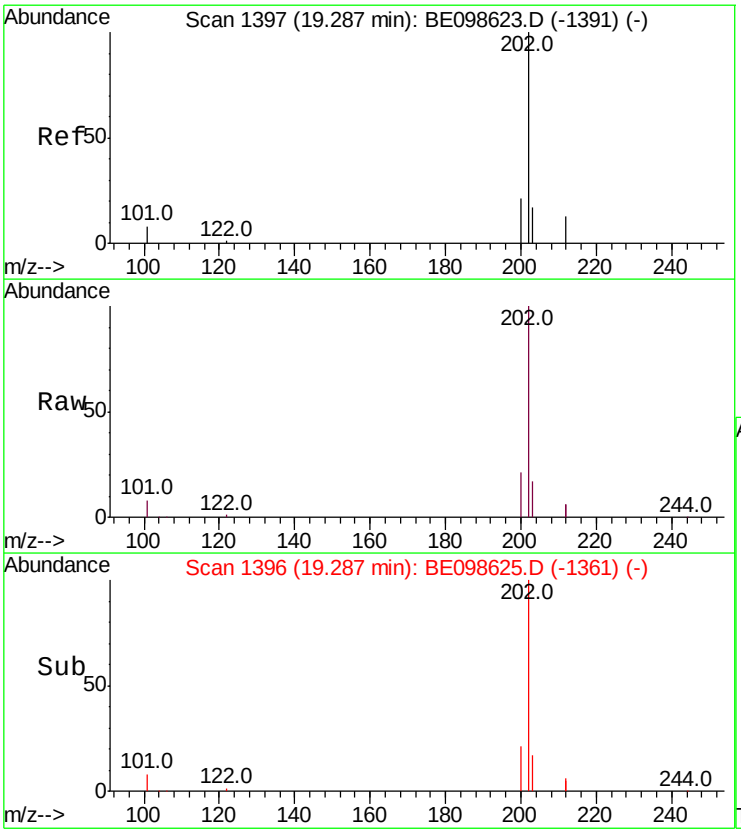
#25
Fluoranthene-d10
Concen: 1.547 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 158320

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

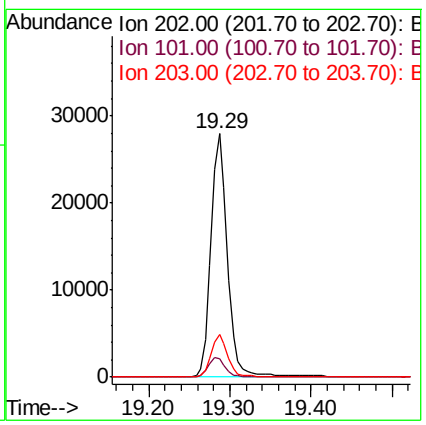


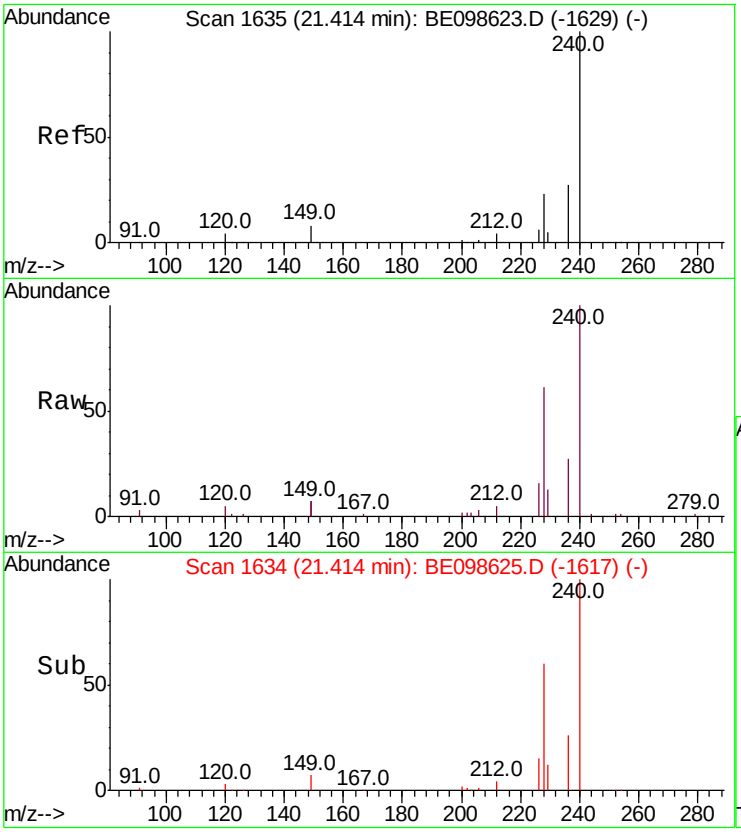


#26
Fluoranthene
Concen: 1.520 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:202 Resp: 38991

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.7	10.1
203	16.9	13.3	19.9



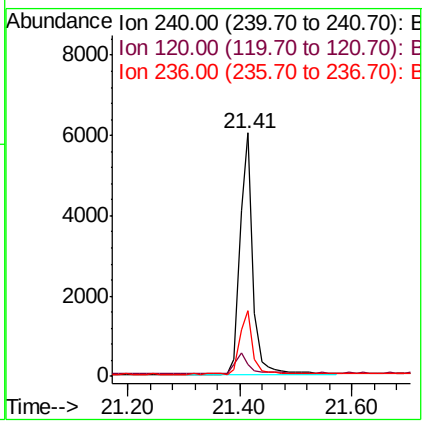


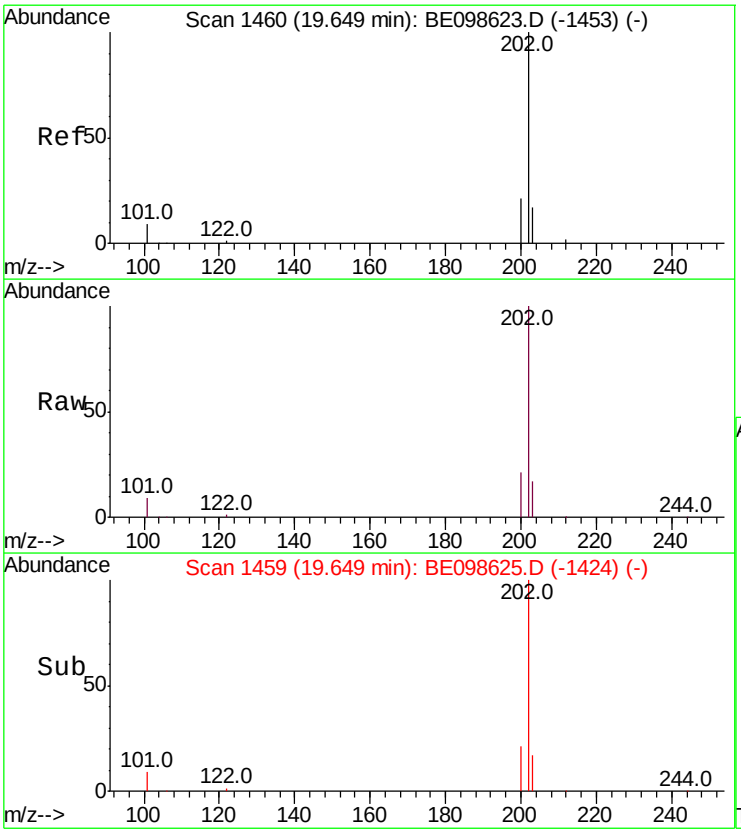
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 9549

Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.7	7.1#
236	27.0	21.9	32.9

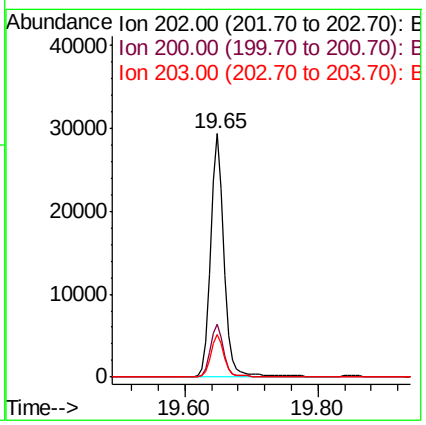


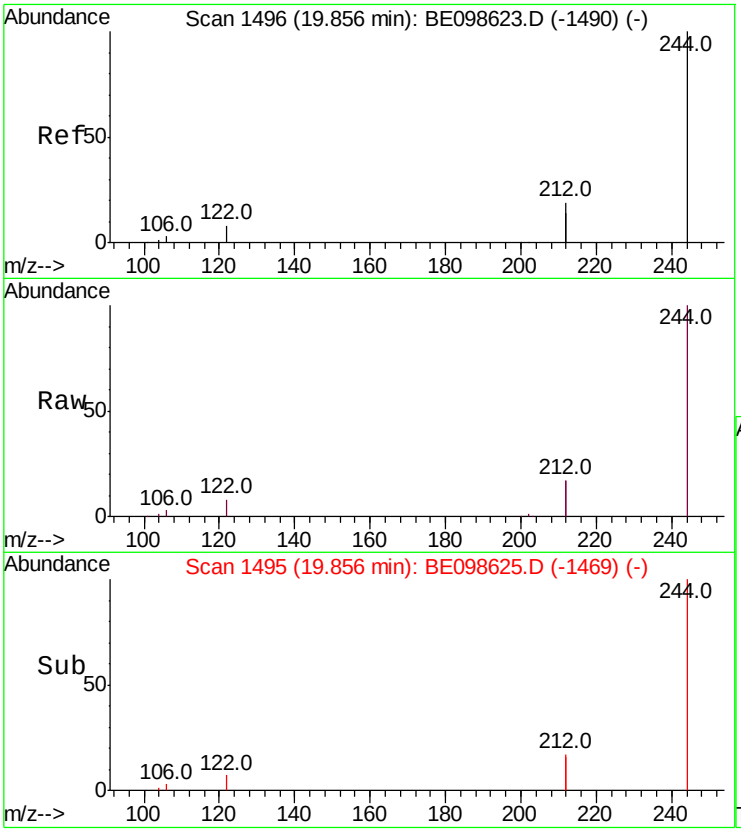


#28
Pyrene
Concen: 1.349 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:202 Resp: 40420

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.4	13.8	20.8



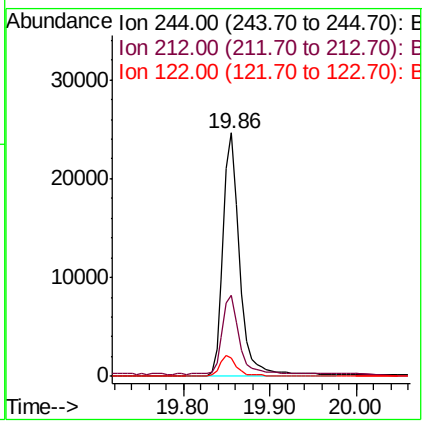


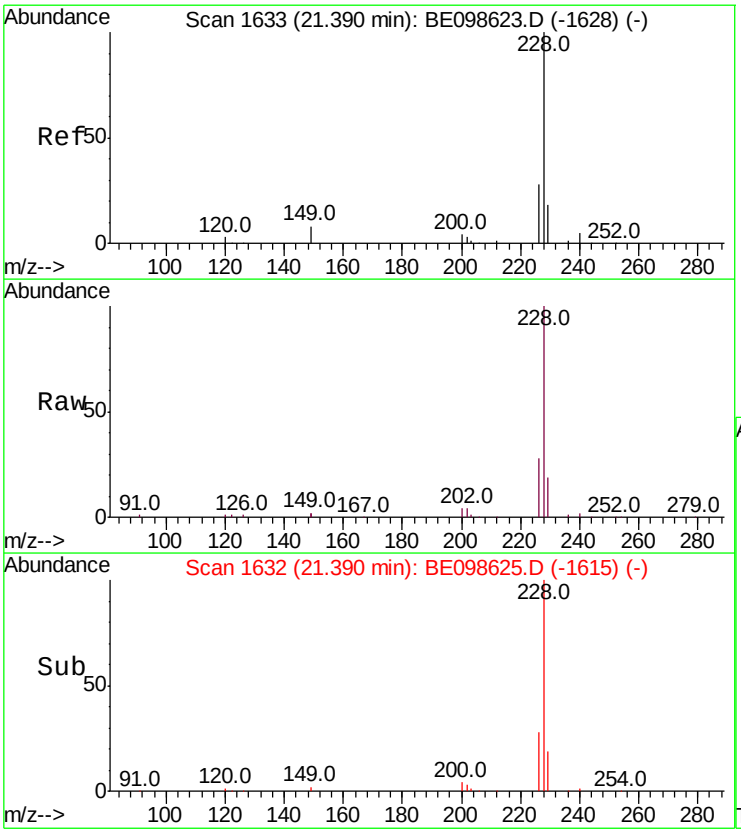
#29
Terphenyl-d14
Concen: 1.426 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 33079

Ion	Ratio	Lower	Upper
244	100		
212	33.0	29.4	44.2
122	7.5	7.1	10.7

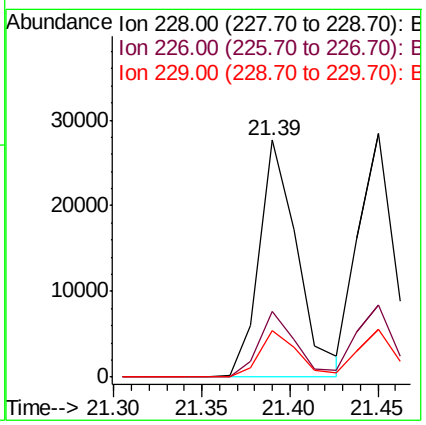


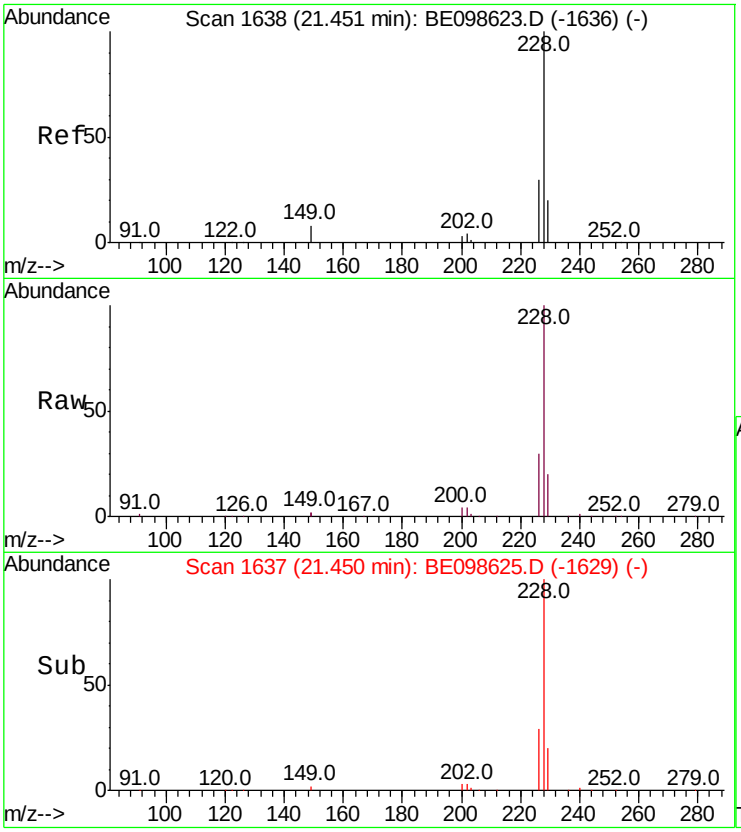


#30
Benzo(a)anthracene
Concen: 1.519 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:228 Resp: 41298

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.4
229	19.4	15.0	22.6



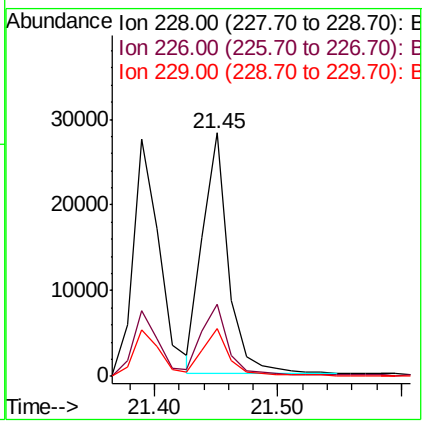


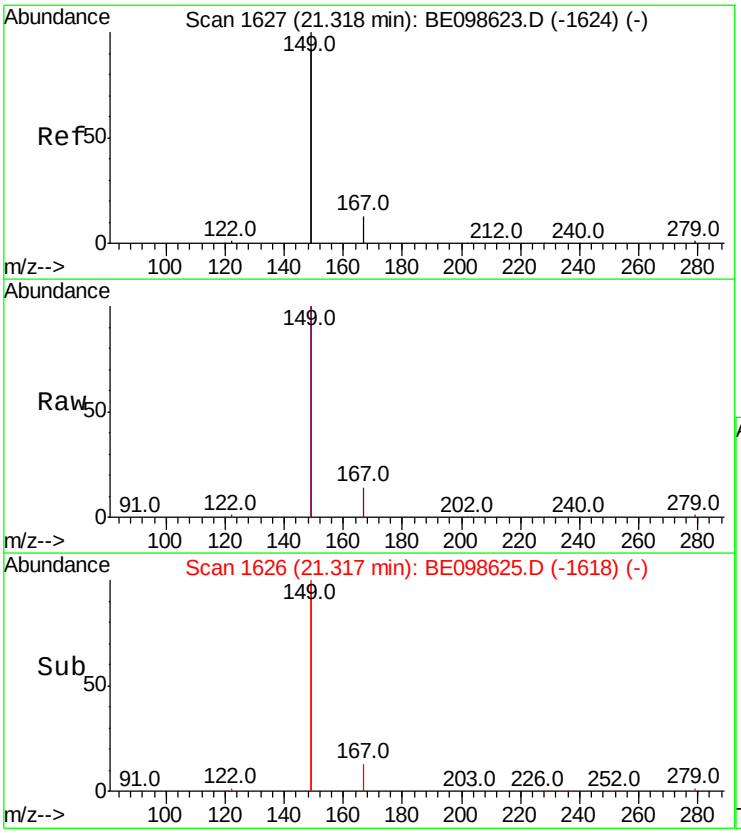
#31
Chrysene
Concen: 1.428 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 40672

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.6	36.8
229	19.9	16.4	24.6

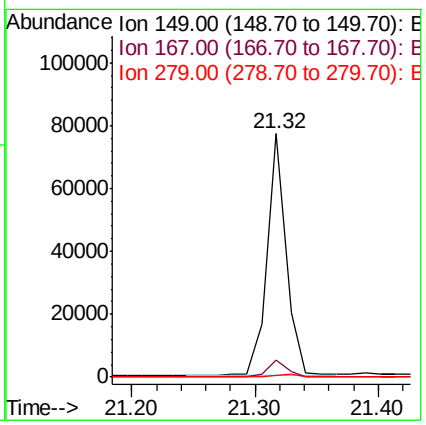


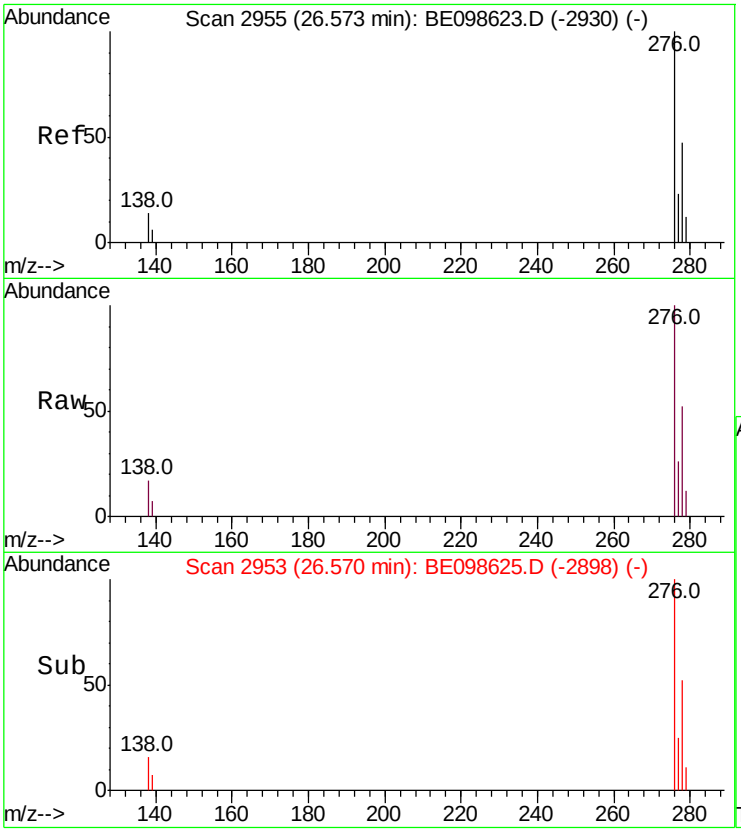


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.500 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:149 Resp: 82825

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.2
279	1.1	1.0	1.4



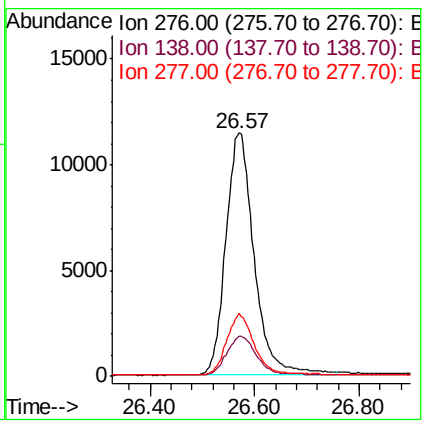


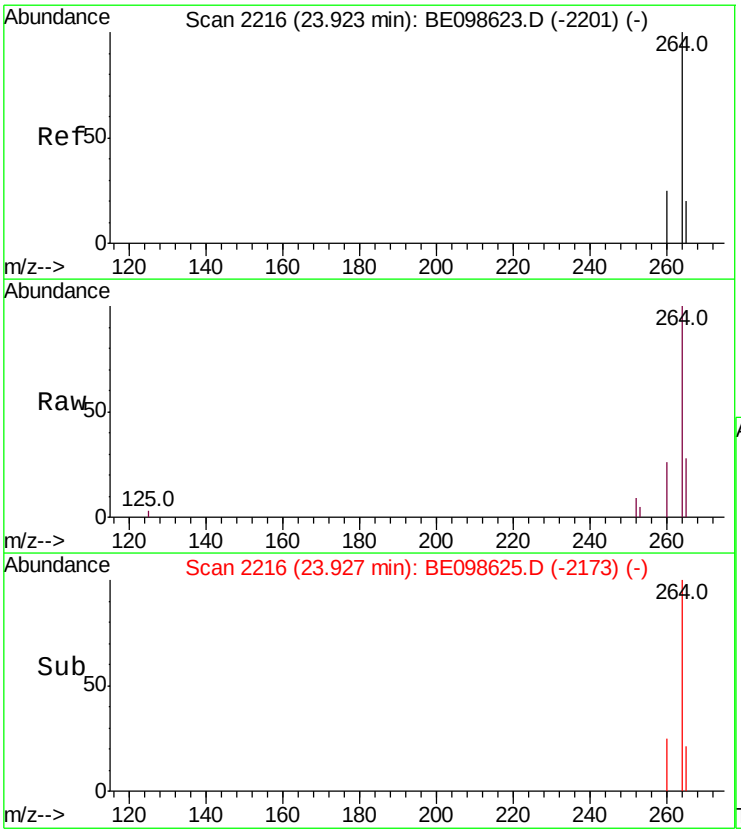
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.530 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 43367

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.3	19.9
277	24.8	19.4	29.0

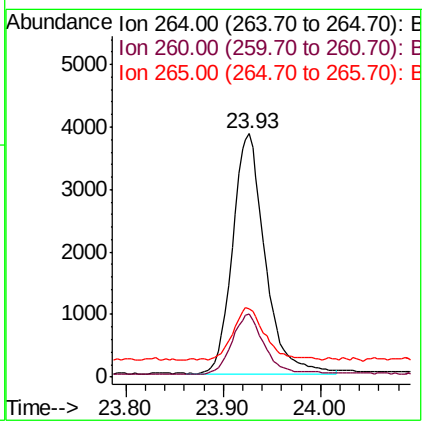


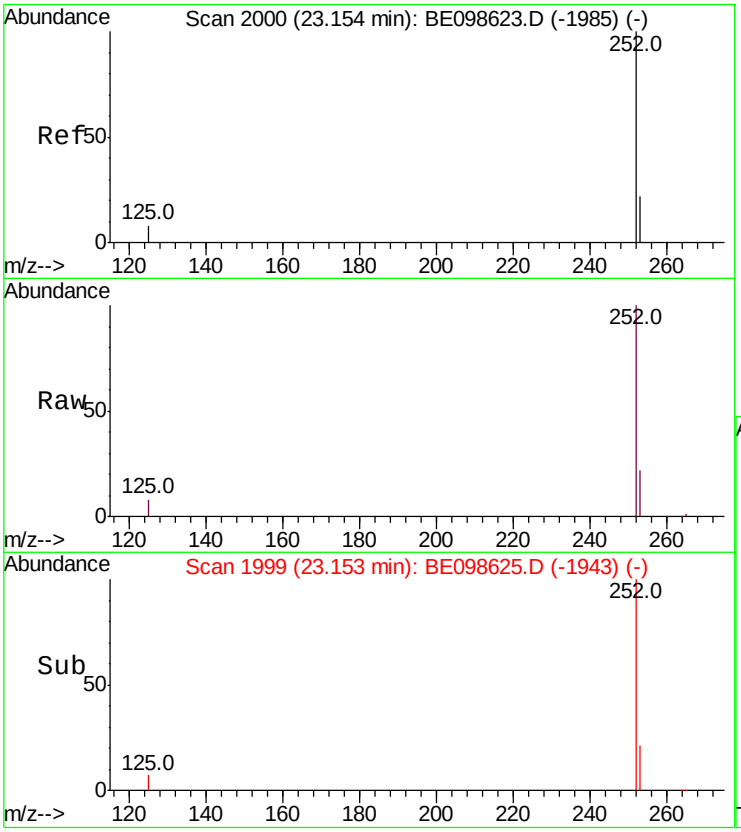


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:264 Resp: 8893

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	27.8	22.3	33.5



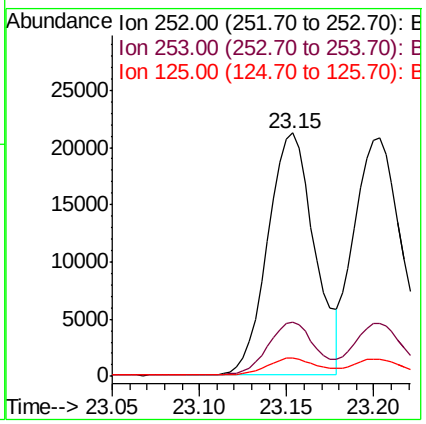


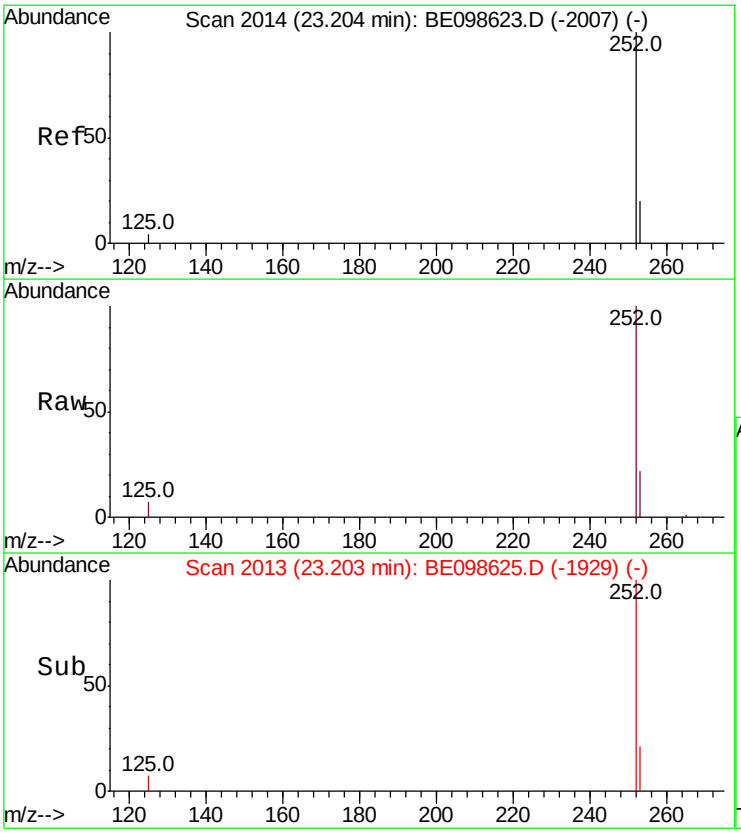
#35
Benzo(b)fluoranthene
Concen: 1.622 ng
RT: 23.15 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 39440

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.4	29.0
125	7.6	8.2	12.4#

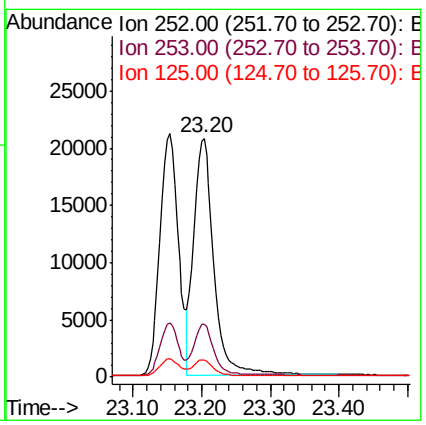


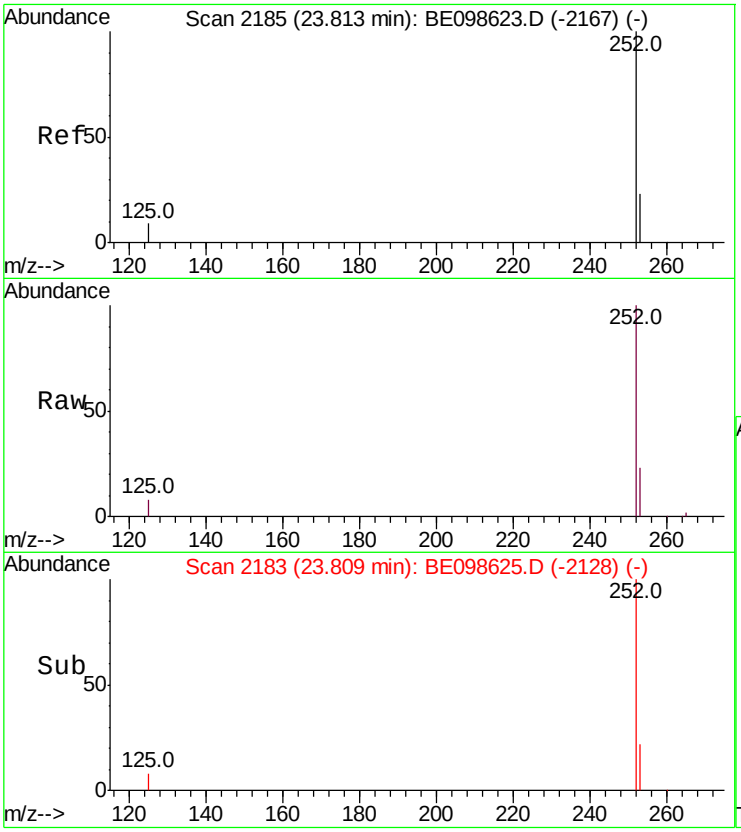


#36
Benzo(k)fluoranthene
Concen: 1.503 ng
RT: 23.20 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:252 Resp: 42591

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.0	28.4
125	7.2	7.0	10.4



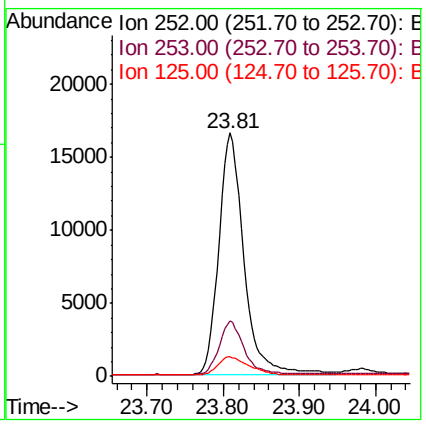


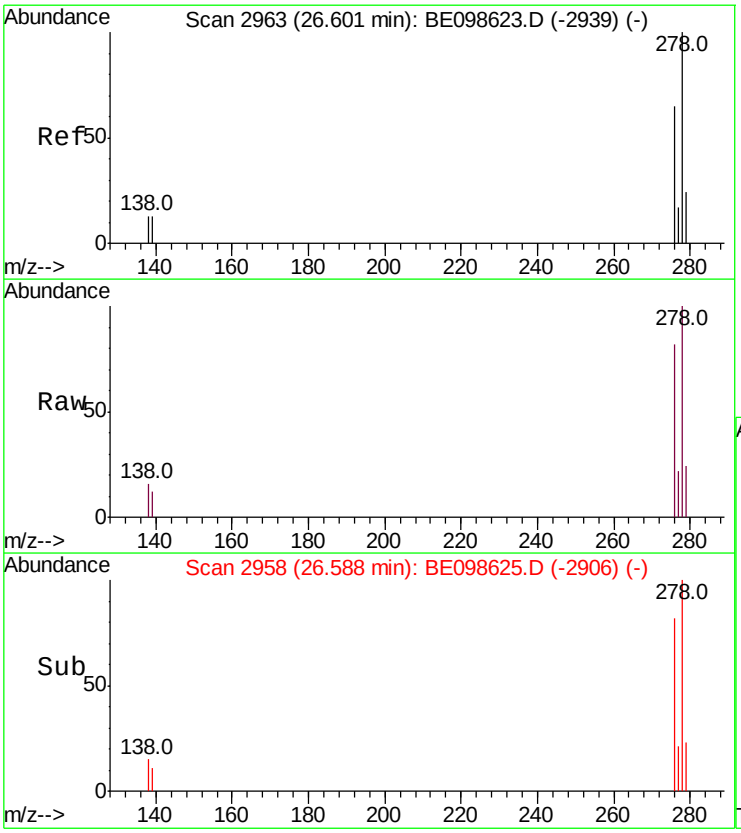
#37
Benzo(a)pyrene
Concen: 1.514 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 37984

Ion	Ratio	Lower	Upper
252	100		
253	22.6	21.0	31.4
125	8.2	9.2	13.8#

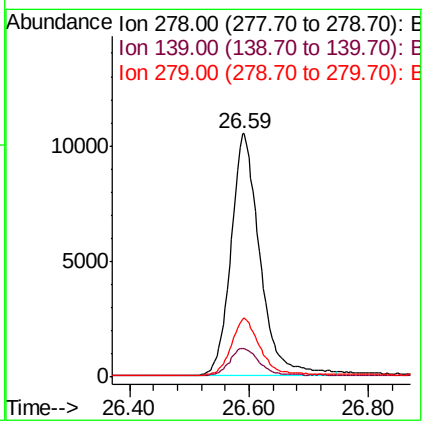


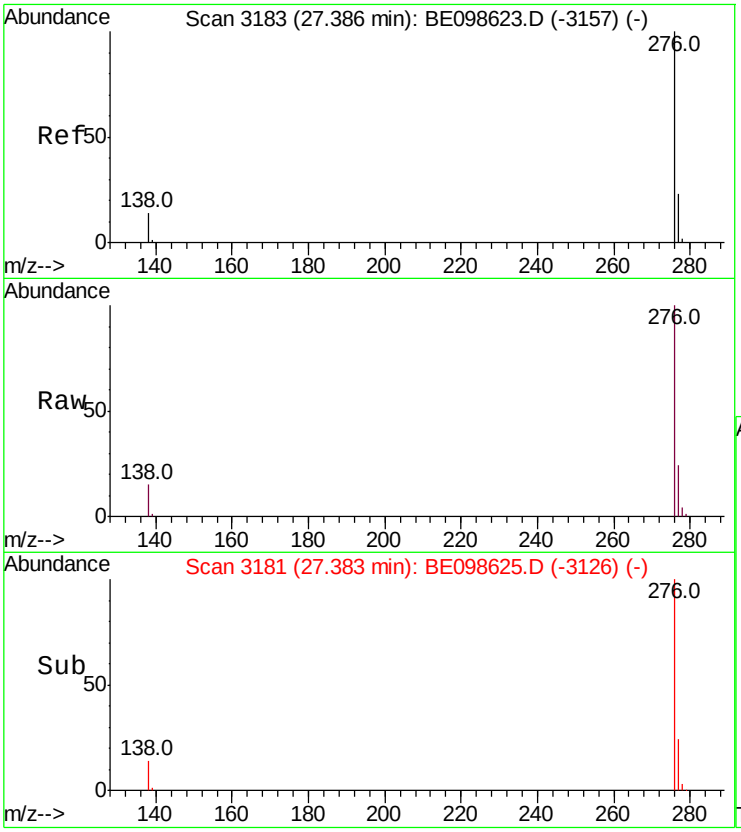


#38
Dibenzo(a,h)anthracene
Concen: 1.494 ng
RT: 26.59 min Scan# 2958
Delta R.T. -0.01 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:278 Resp: 35313

Ion	Ratio	Lower	Upper
278	100		
139	11.9	12.7	19.1#
279	23.9	22.0	33.0





#39
Benzo(g,h,i)perylene
Concen: 1.542 ng
RT: 27.38 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 36738

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.3	30.5
138	14.5	13.3	19.9