Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
Data File : BE099048.D
Acq On : 19 Mar 2019 23:37
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 20 05:12:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	851	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	4105	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2659	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6416	0.40	ng		0.00
27) Chrysene-d12	21.39	240	6966	0.40	ng		-0.01
34) Perylene-d12	23.89	264	6772	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	794	0.31	ng		0.03
5) Phenol-d6	7.00	99	1399	0.39	ng		0.01
8) Nitrobenzene-d5	8.98	82	1352	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	12.20	152	2954	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	334	0.25	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	4299	0.39	ng		-0.01
25) Fluoranthene-d10	19.24	212	34565	0.34	ng		0.00
29) Terphenyl-d14	19.84	244	6442	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	584	0.341	ng		91
3) n-Nitrosodimethylamine	3.67	42	275	0.128	ng	#	14
6) bis(2-Chloroethyl)ether	7.24	93	931	0.336	ng		81
9) Naphthalene	10.63	128	18300	0.389	ng		99
10) Hexachlorobutadiene	10.91	225	1162	0.374	ng		99
12) 2-Methylnaphthalene	12.27	142	2815	0.369	ng		99
16) Acenaphthylene	14.17	152	5339	0.390	ng		97
17) Acenaphthene	14.52	154	3217	0.397	ng		98
18) Fluorene	15.50	166	4388	0.375	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	1559	0.448	ng		93
21) Hexachlorobenzene	16.50	284	1644	0.398	ng		96
22) Pentachlorophenol	16.91	266	162	0.380	ng		93
23) Phenanthrene	17.24	178	6907	0.379	ng		99
24) Anthracene	17.35	178	5105	0.328	ng		99
26) Fluoranthene	19.27	202	8709	0.338	ng		100
28) Pyrene	19.63	202	8935	0.419	ng		99
30) Benzo(a)anthracene	21.38	228	7070	0.325	ng		98
31) Chrysene	21.43	228	9538	0.410	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	15572	0.337	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	7727	0.315	ng		95
35) Benzo(b)fluoranthene	23.18	252	8851	0.397	ng		97
36) Benzo(k)fluoranthene	23.18	252	9136	0.392	ng		99
37) Benzo(a)pyrene	23.79	252	8037	0.376	ng	#	82
38) Dibenzo(a,h)anthracene	26.57	278	4218	0.209	ng	#	95
39) Benzo(g,h,i)perylene	27.34	276	6530	0.309	ng		98

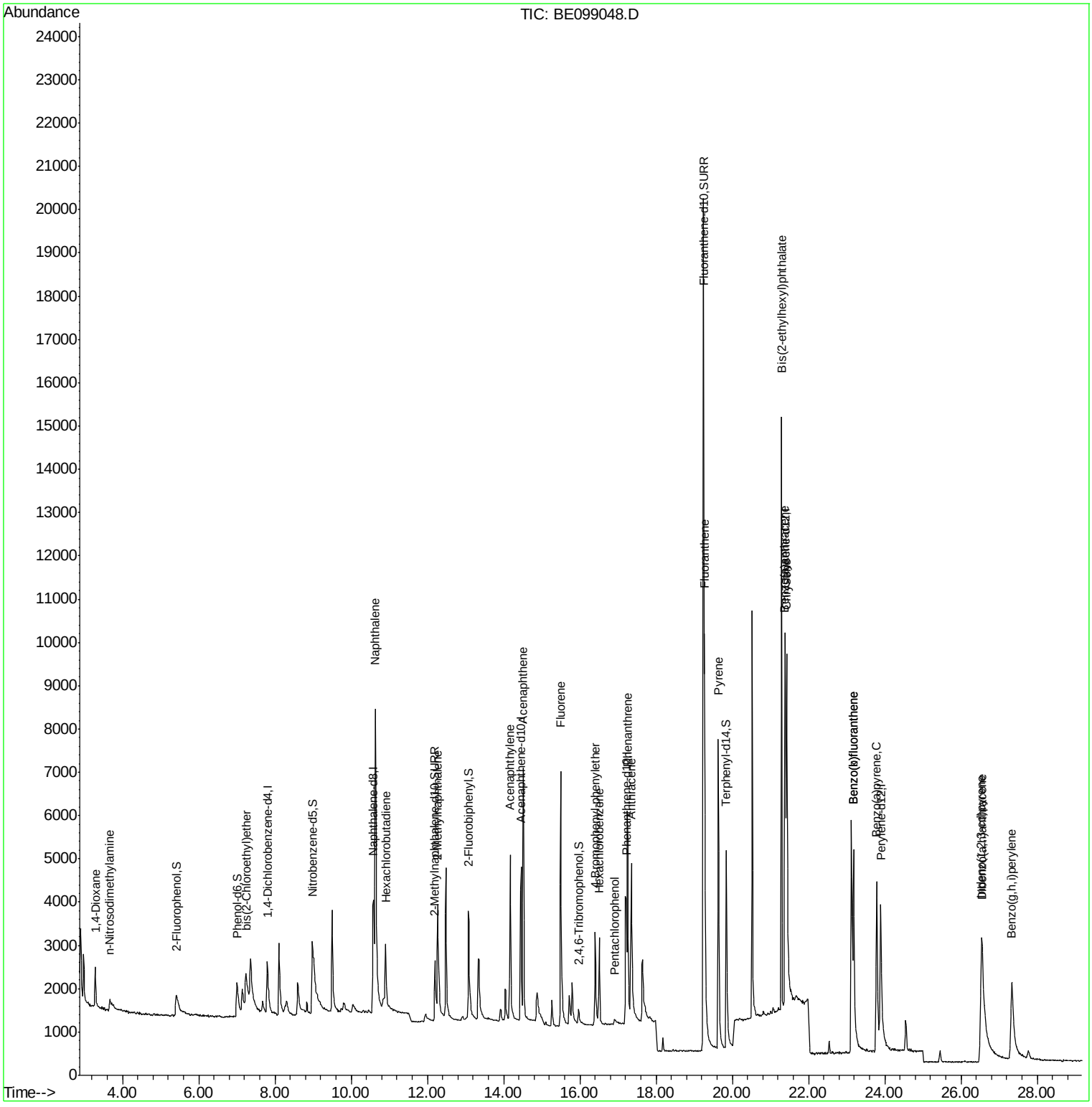
(#) = qualifier out of range (m) = manual integration (+) = signals summed

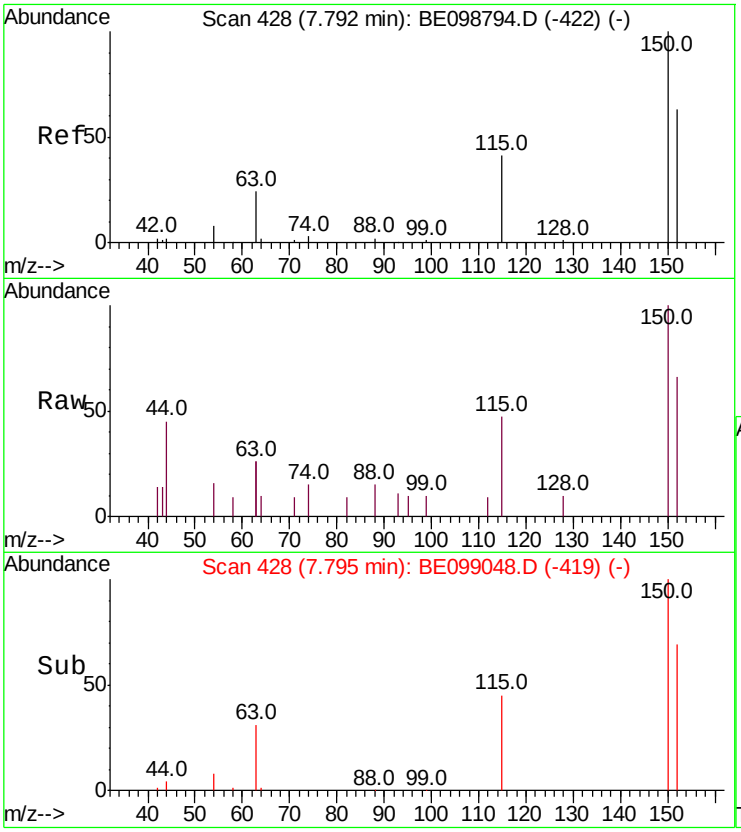
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
Data File : BE099048.D
Acq On : 19 Mar 2019 23:37
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 20 05:12:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



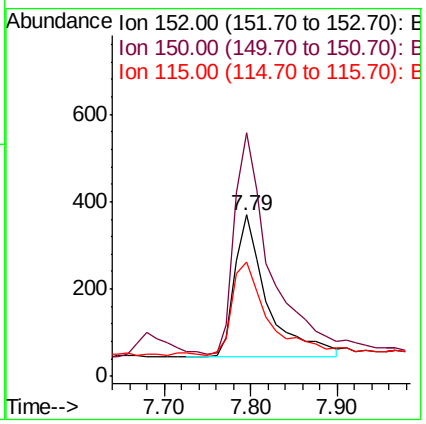


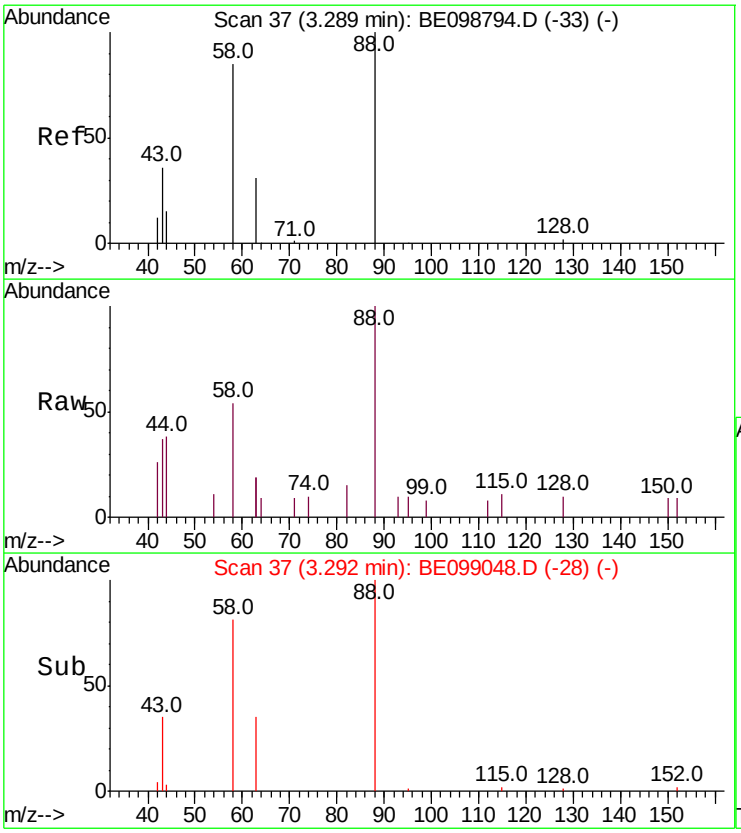
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 851

Ion	Ratio	Lower	Upper
152	100		
150	151.2	122.5	183.7
115	71.3	57.4	86.2

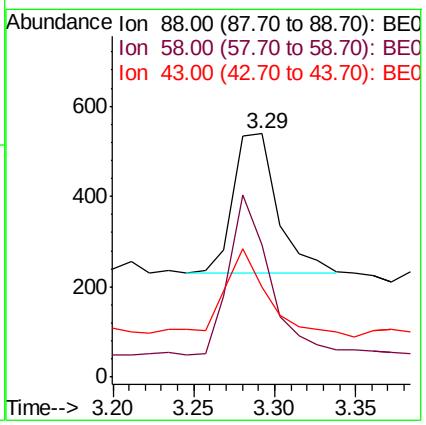


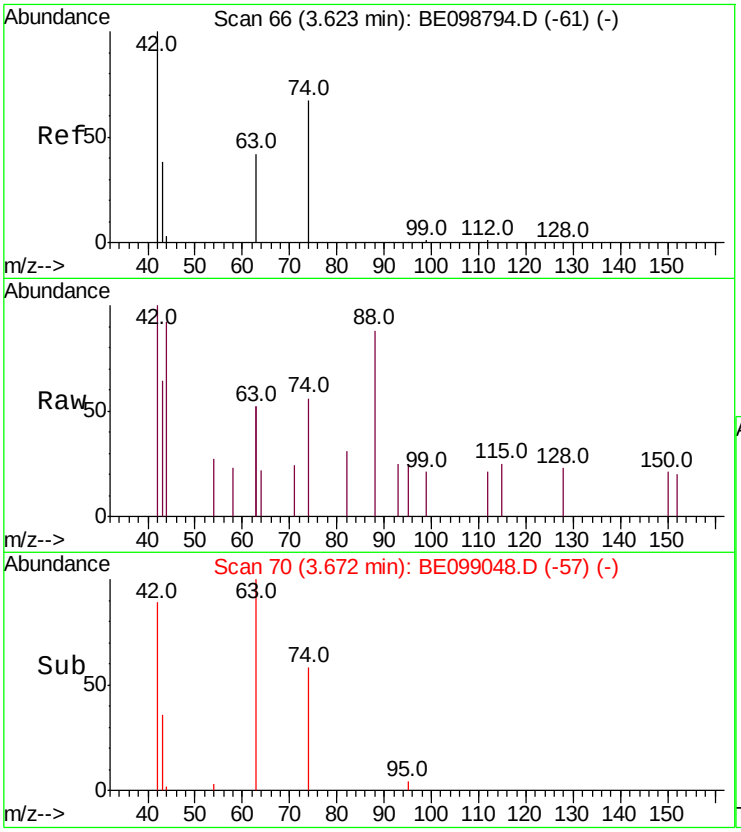


#2
1,4-Dioxane
Concen: 0.341 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion: 88 Resp: 584

Ion	Ratio	Lower	Upper
88	100		
58	107.0	75.8	113.6
43	54.8	41.8	62.8



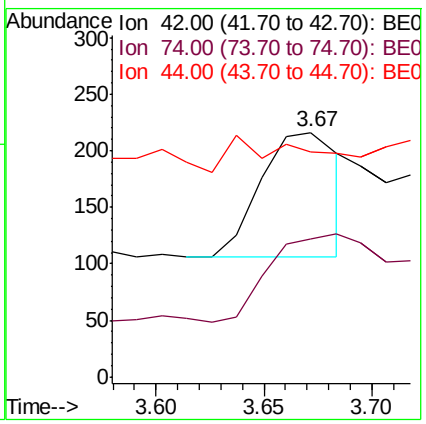


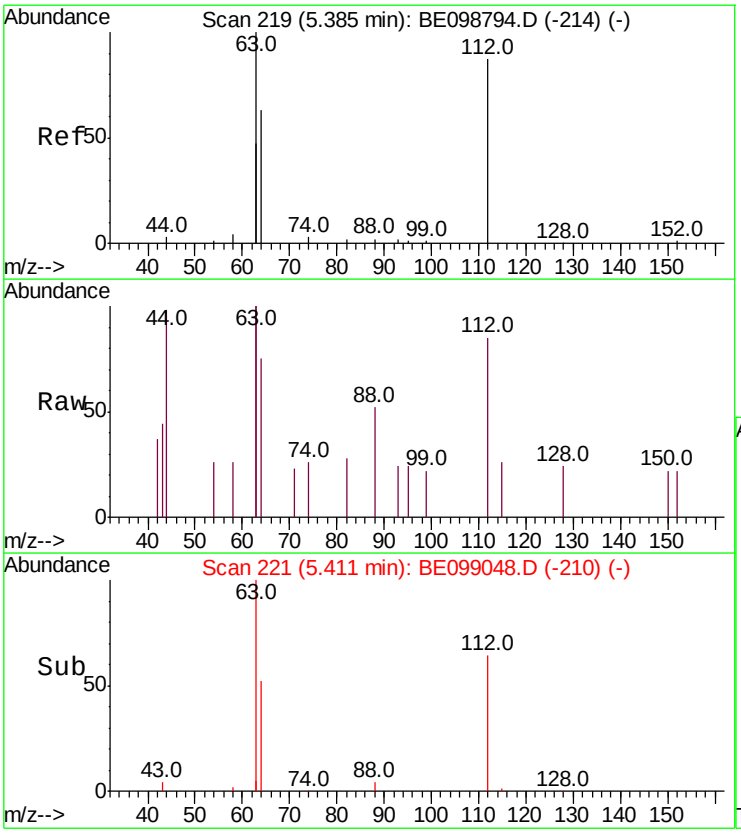
#3
n-Nitrosodimethylamine
Concen: 0.128 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.05 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 275

Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	0.0	0.0	0.0

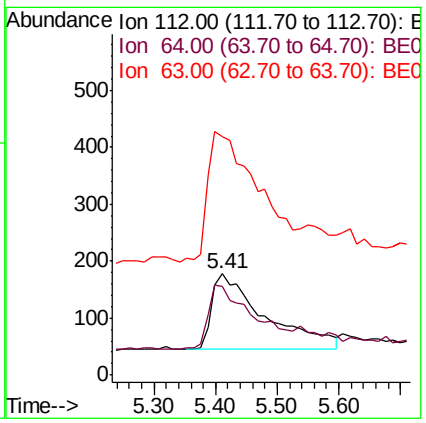


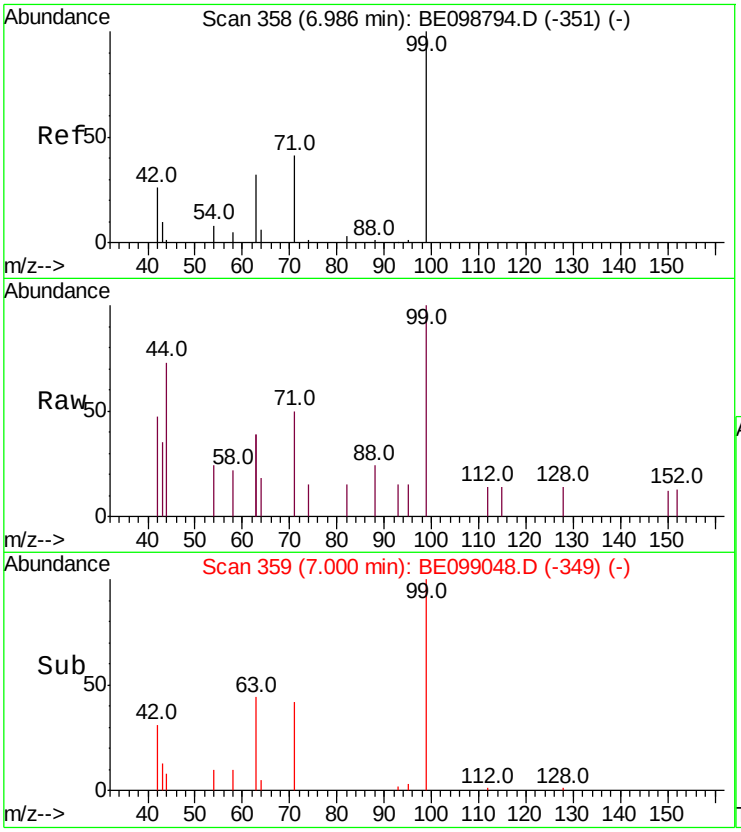


#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.03 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:112 Resp: 794

Ion	Ratio	Lower	Upper
112	100		
64	75.1	57.9	86.9
63	171.3	158.3	237.5



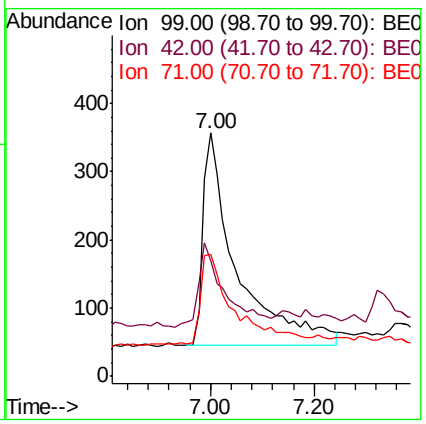


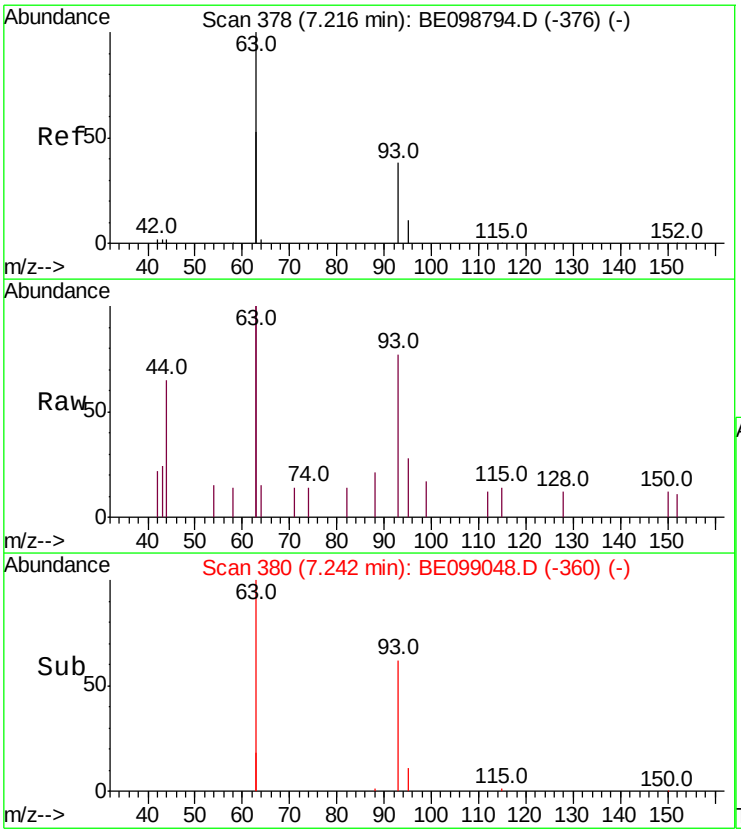
#5
Phenol-d6
Concen: 0.389 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1399

Ion	Ratio	Lower	Upper
99	100		
42	31.1	24.2	36.2
71	42.7	35.7	53.5

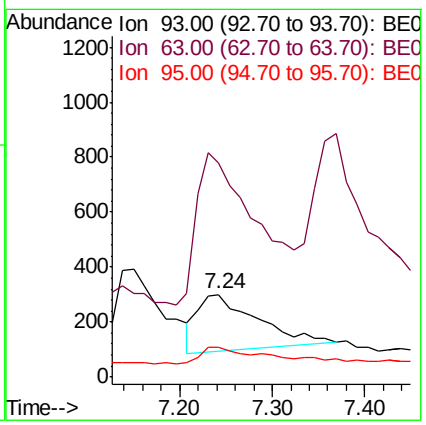


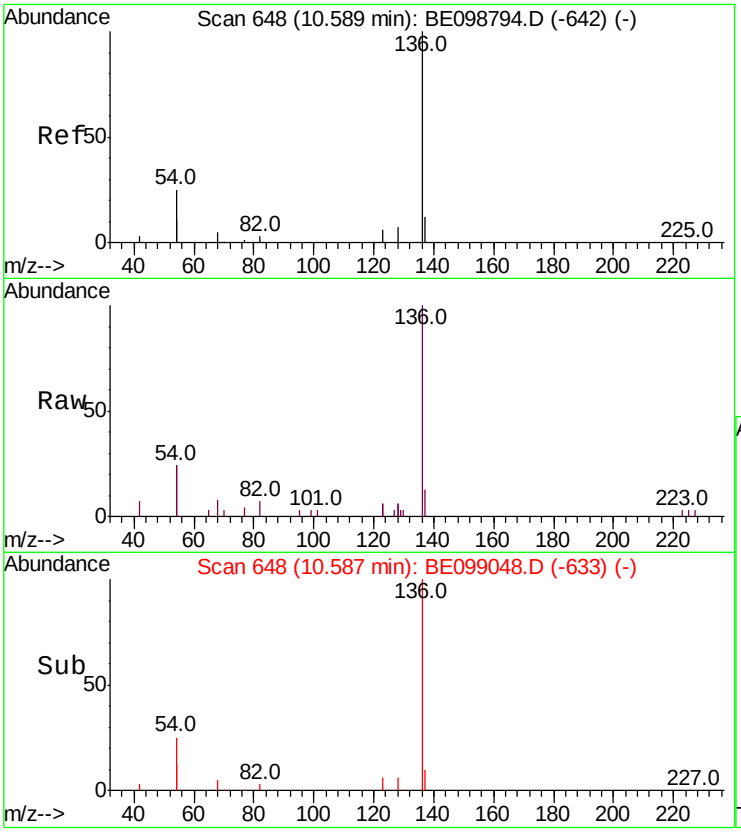


#6
bis(2-Chloroethyl)ether
Concen: 0.336 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.03 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion: 93 Resp: 931

Ion	Ratio	Lower	Upper
93	100		
63	268.6	247.5	371.3
95	27.7	21.8	32.8



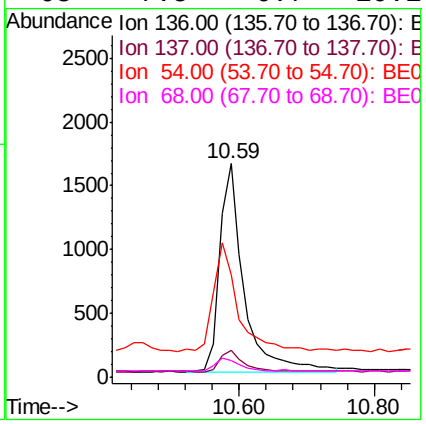


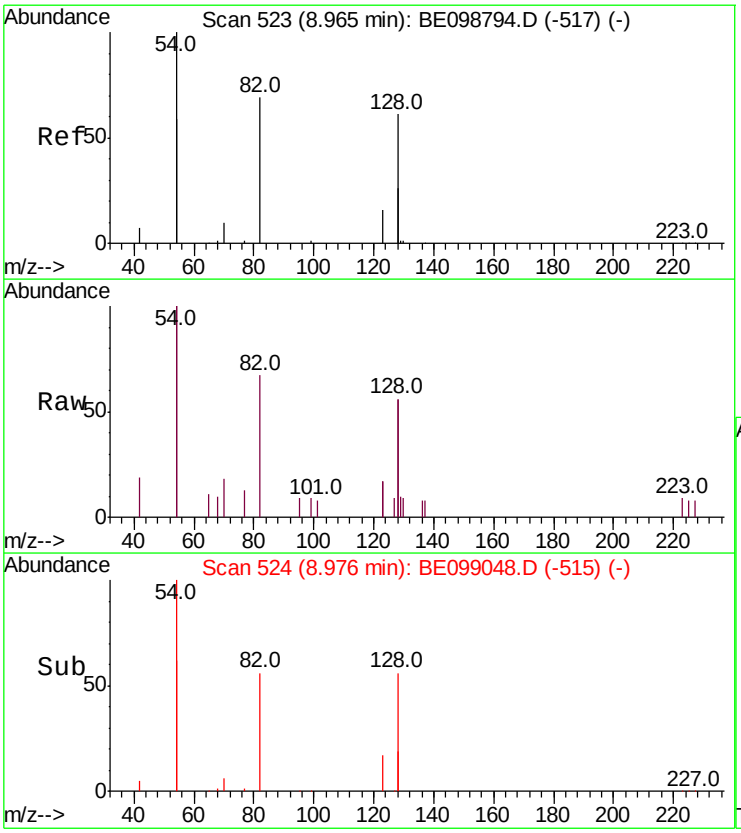
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4105

Ion	Ratio	Lower	Upper
136	100		
137	12.9	11.4	17.0
54	47.7	39.3	58.9
68	7.5	6.7	10.1

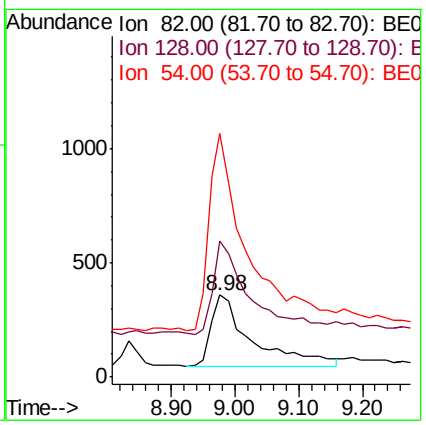


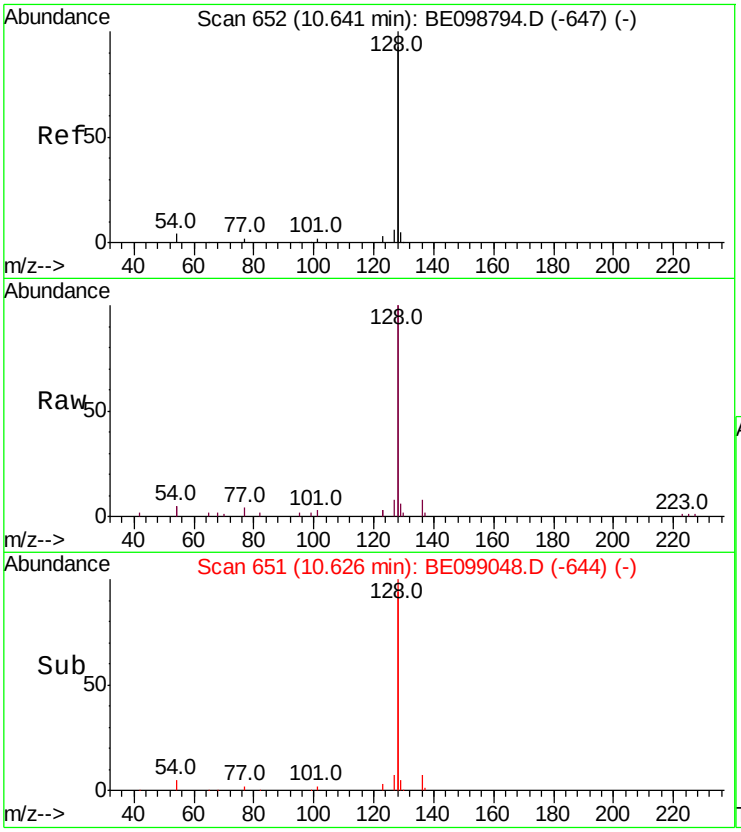


#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion: 82 Resp: 1352

Ion	Ratio	Lower	Upper
82	100		
128	165.5	123.8	185.8
54	296.9	203.4	305.2



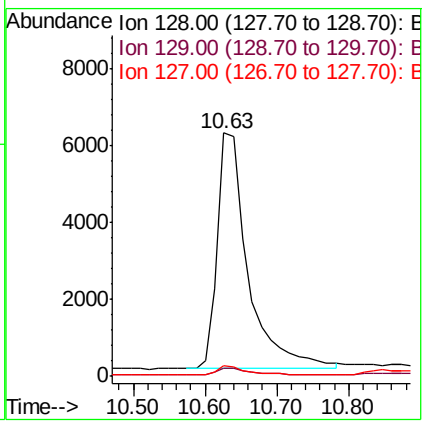


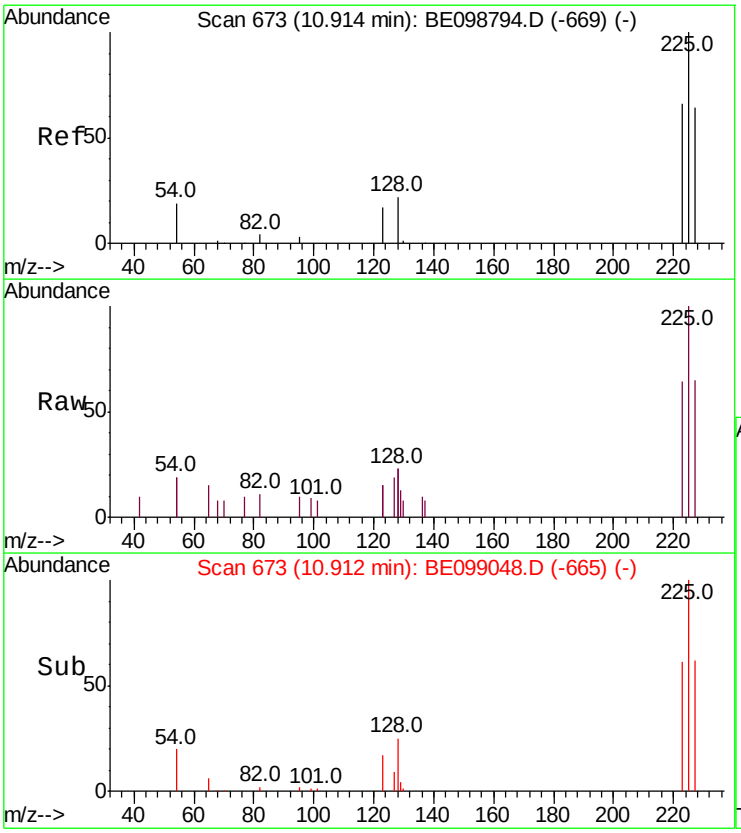
#9
Naphthalene
Concen: 0.389 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 18300

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	4.0
127	4.2	3.1	4.7

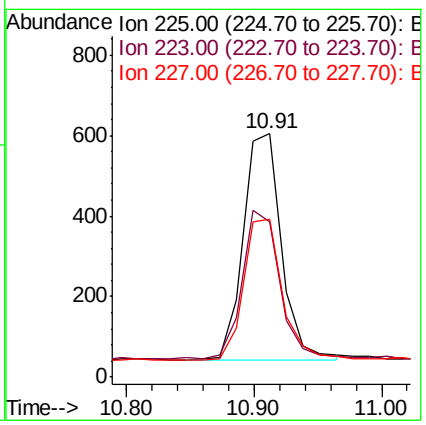


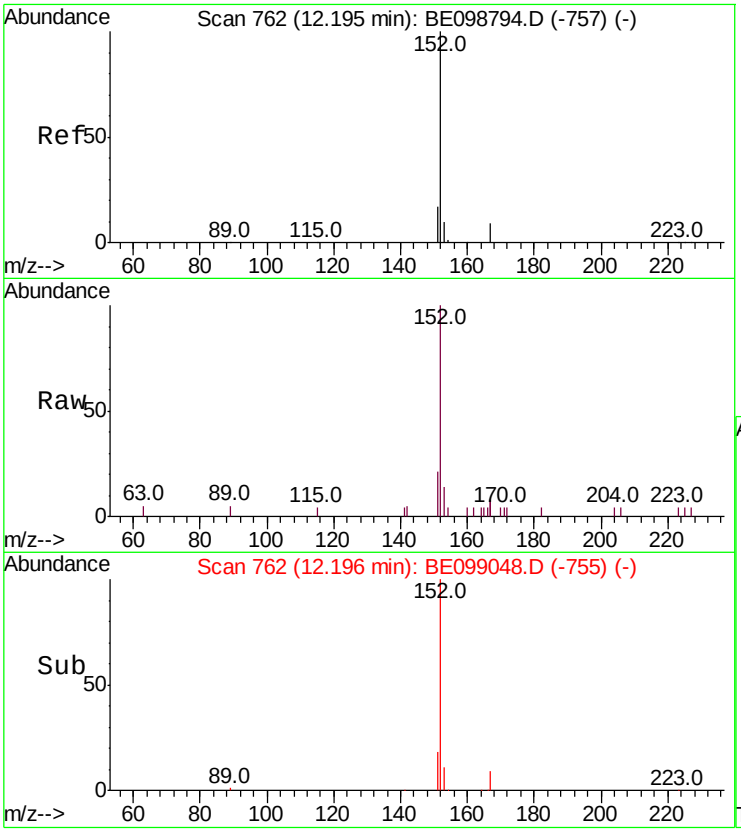


#10
Hexachlorobutadiene
Concen: 0.374 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:225 Resp: 1162

Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.1	76.7
227	62.4	51.6	77.4



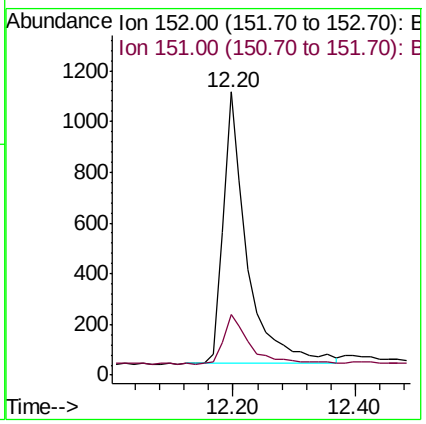


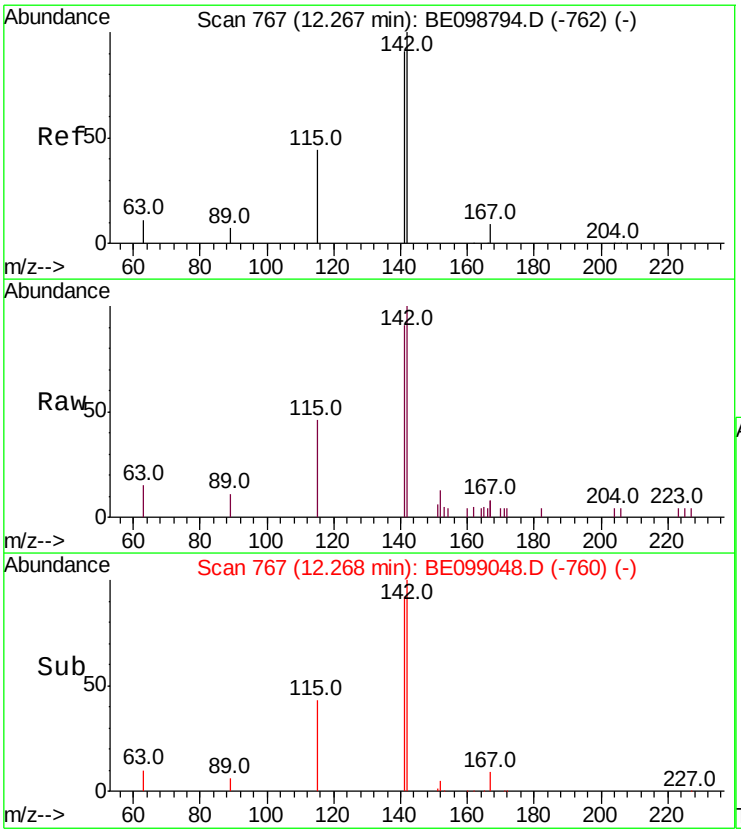
#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2954

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7

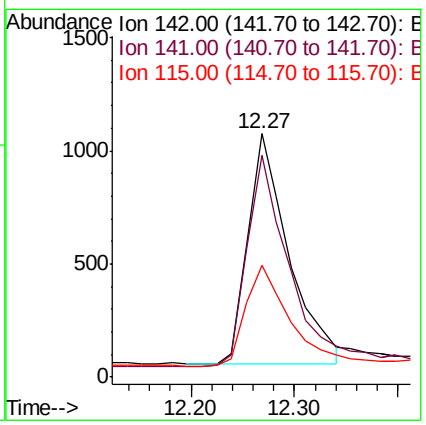


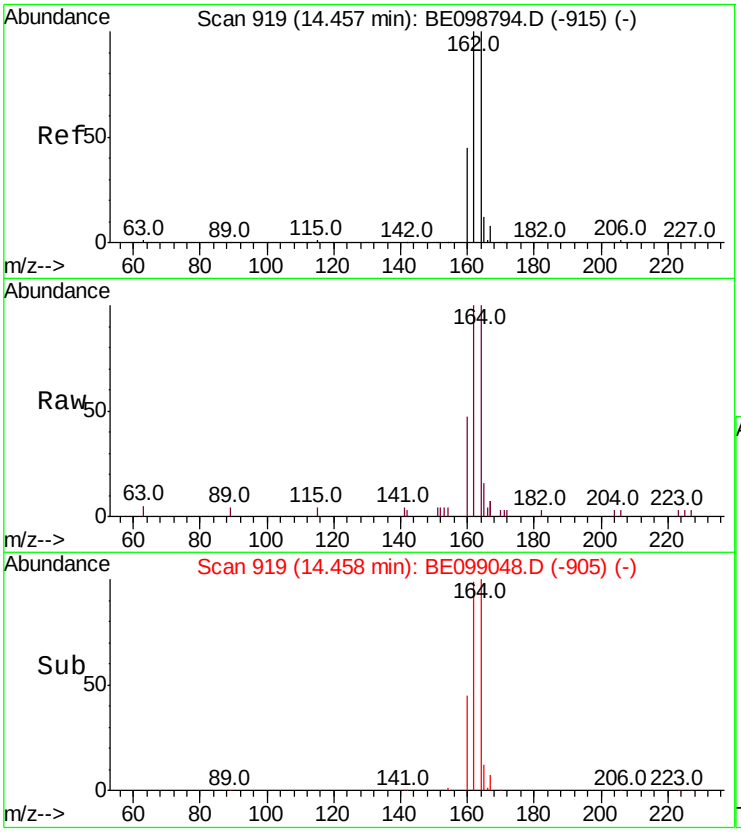


#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:142 Resp: 2815

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.6	108.8
115	45.7	37.4	56.2



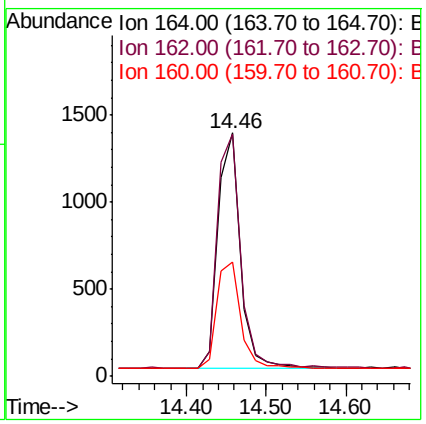


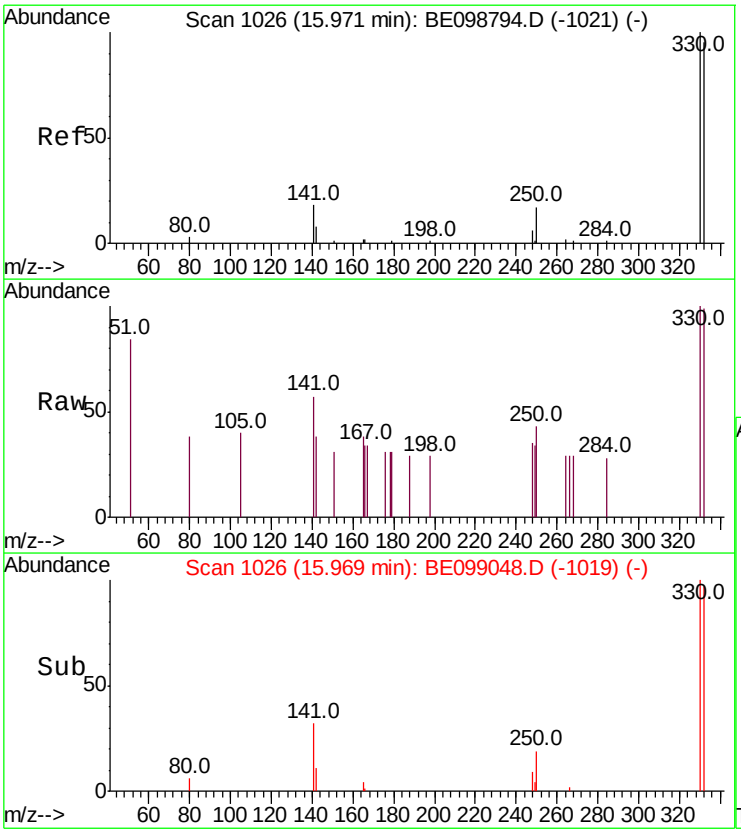
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2659

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.2	120.2
160	47.0	37.8	56.8

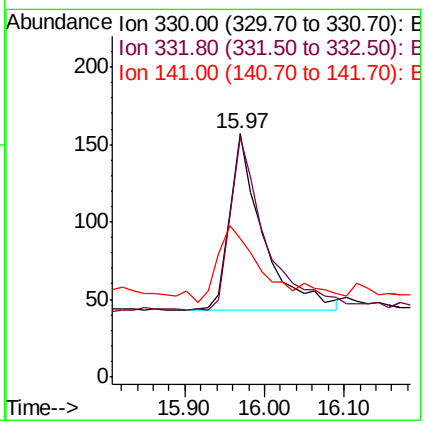


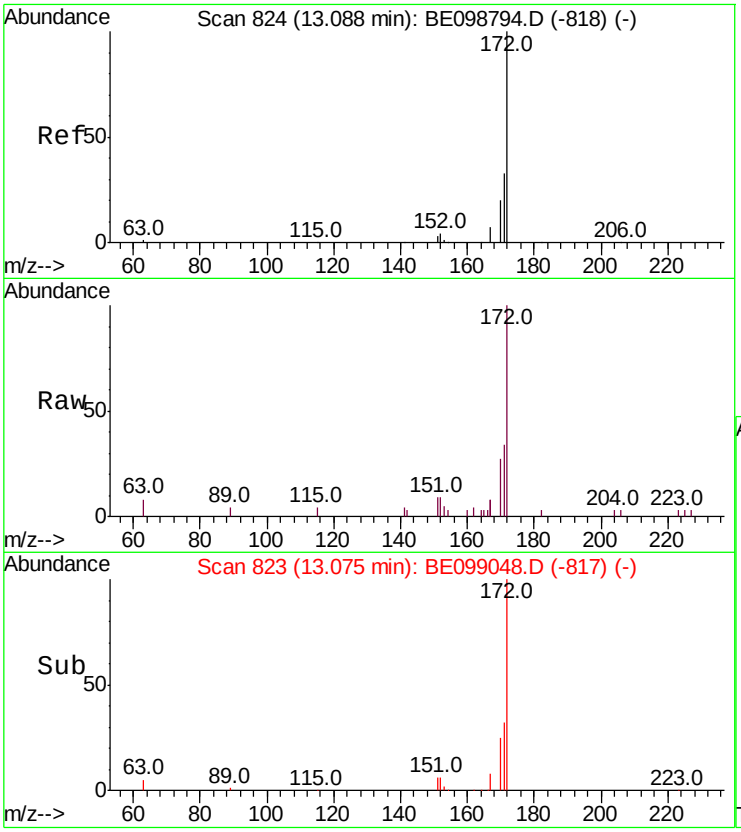


#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:330 Resp: 334

Ion	Ratio	Lower	Upper
330	100		
332	109.3	77.6	116.4
141	51.5	31.0	46.4#



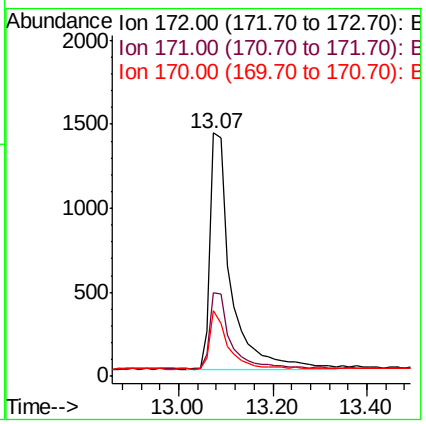


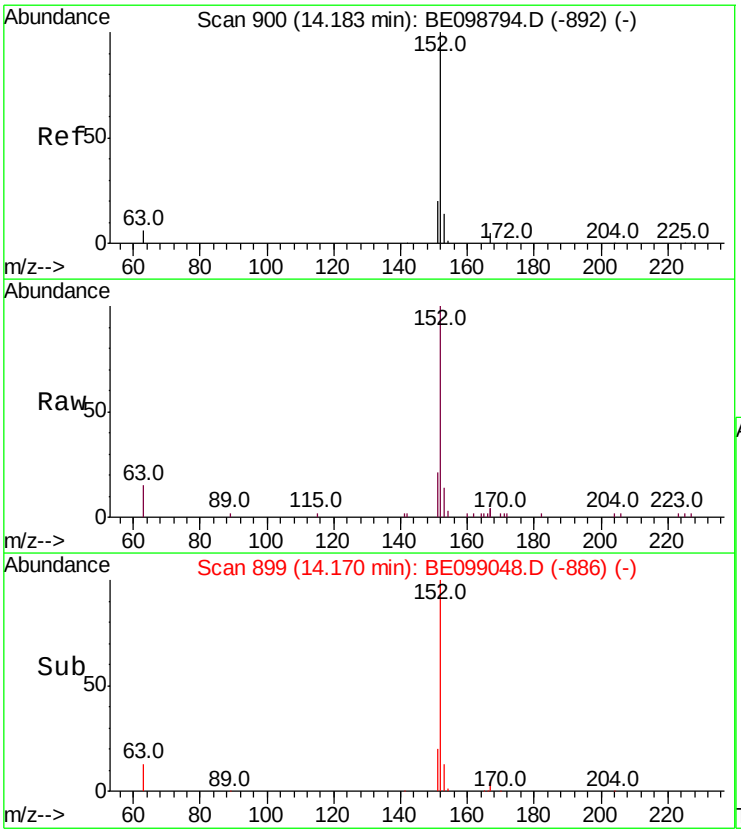
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4299

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.0	42.0
170	27.1	17.7	26.5#

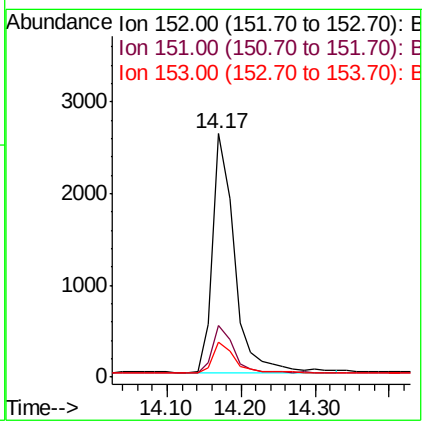


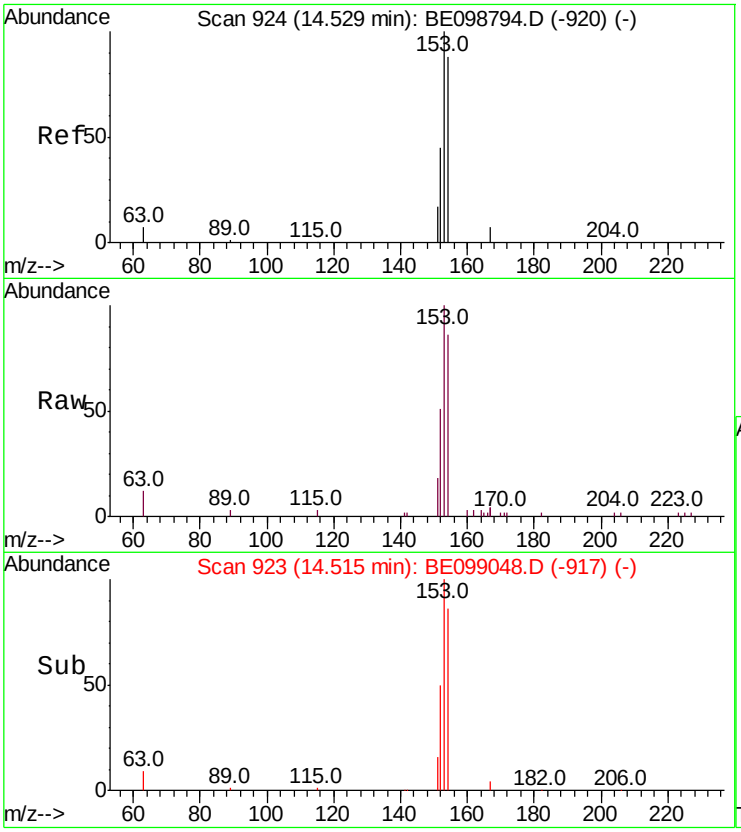


#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:152 Resp: 5339

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.0	25.6
153	12.9	11.2	16.8



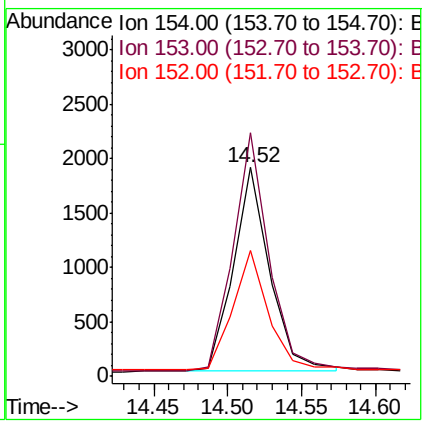


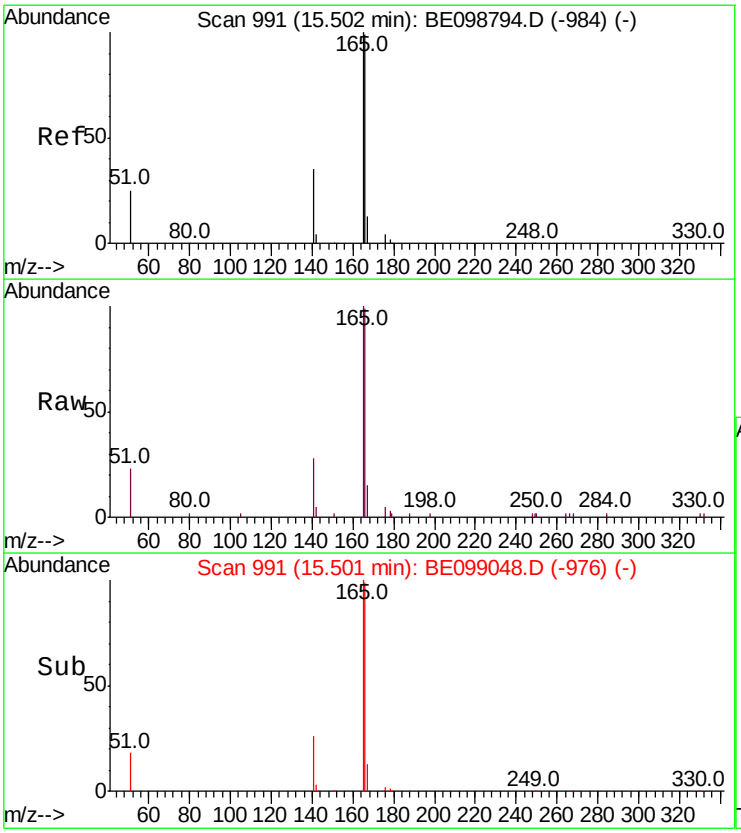
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3217

Ion	Ratio	Lower	Upper
154	100		
153	116.0	94.2	141.4
152	58.1	45.0	67.4

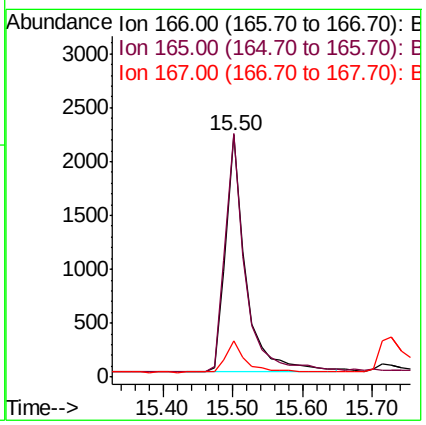


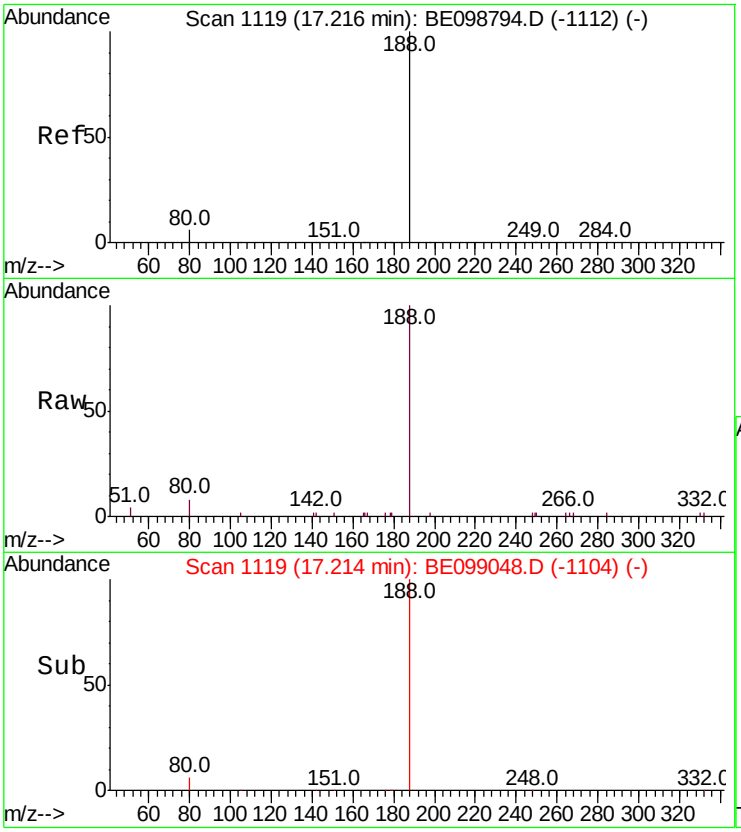


#18
Fluorene
Concen: 0.375 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:166 Resp: 4388

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.3	118.9
167	13.3	10.5	15.7



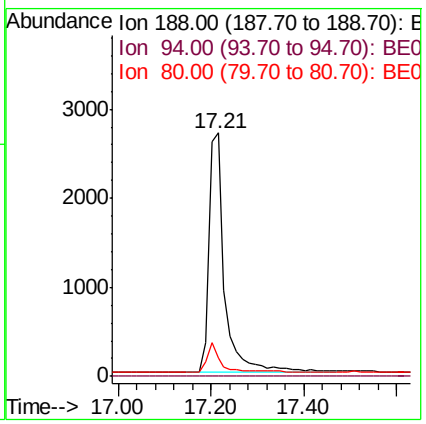


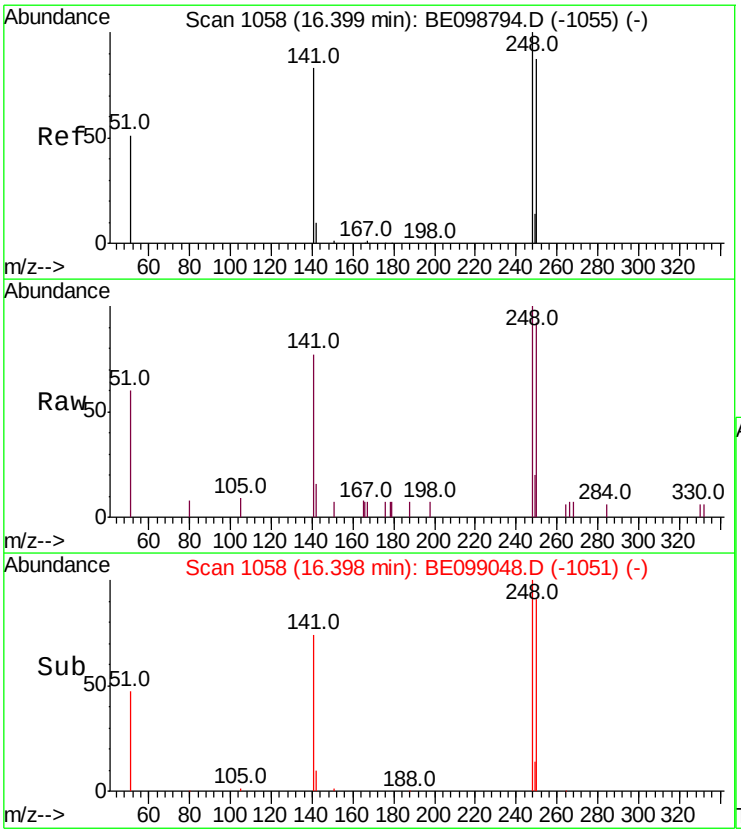
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6416

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	6.3	9.5

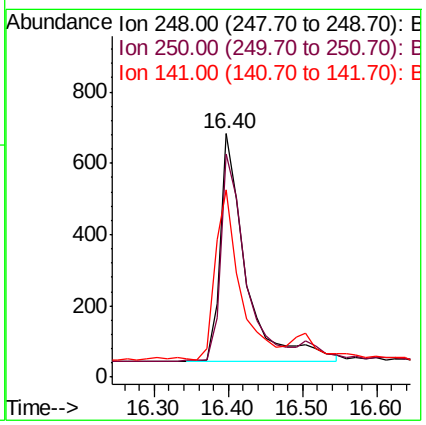


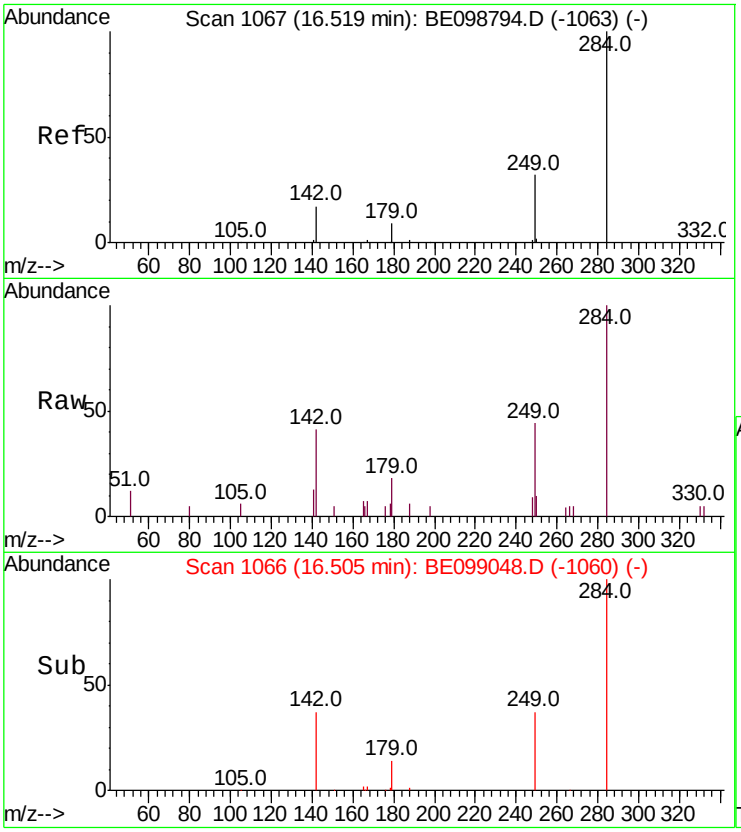


#20
4-Bromophenyl-phenylether
Concen: 0.448 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:248 Resp: 1559

Ion	Ratio	Lower	Upper
248	100		
250	91.7	70.6	105.8
141	76.9	68.6	102.8



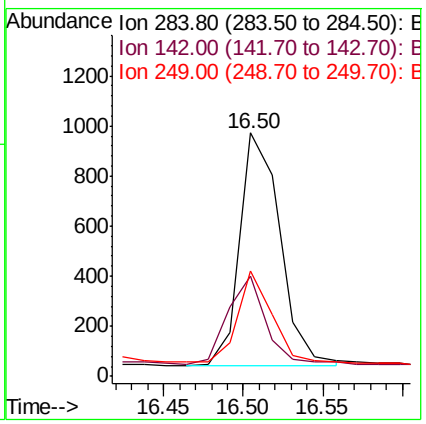


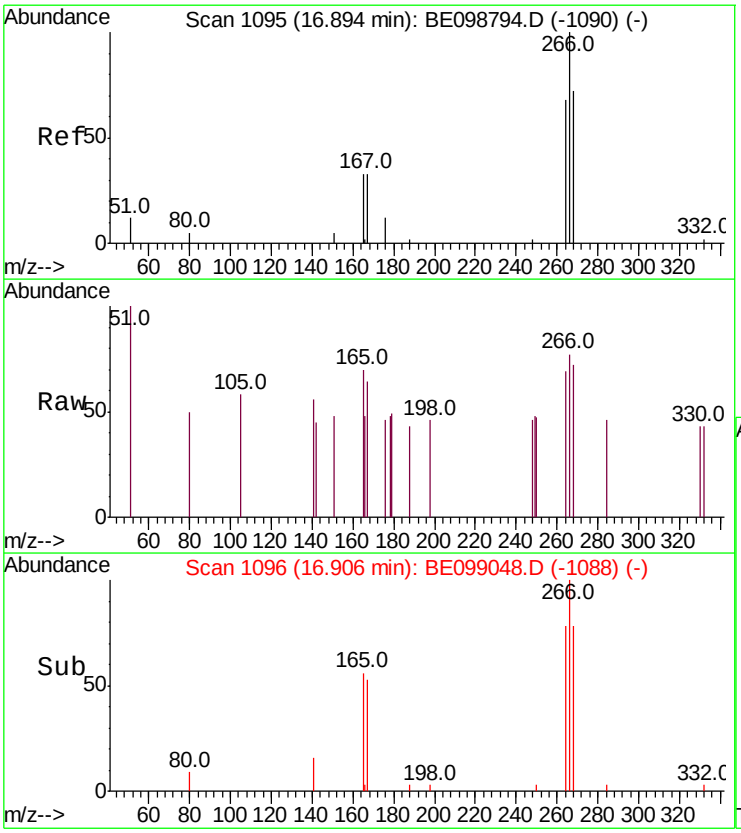
#21
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.50 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1644

Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.7	43.1
249	32.8	29.6	44.4

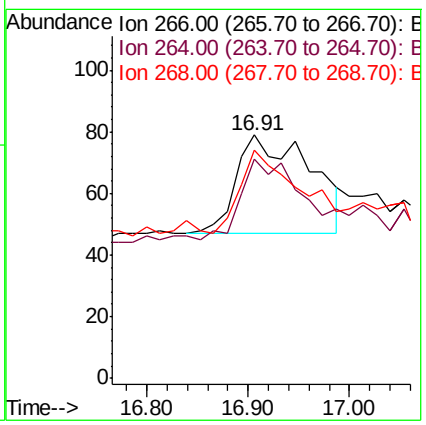


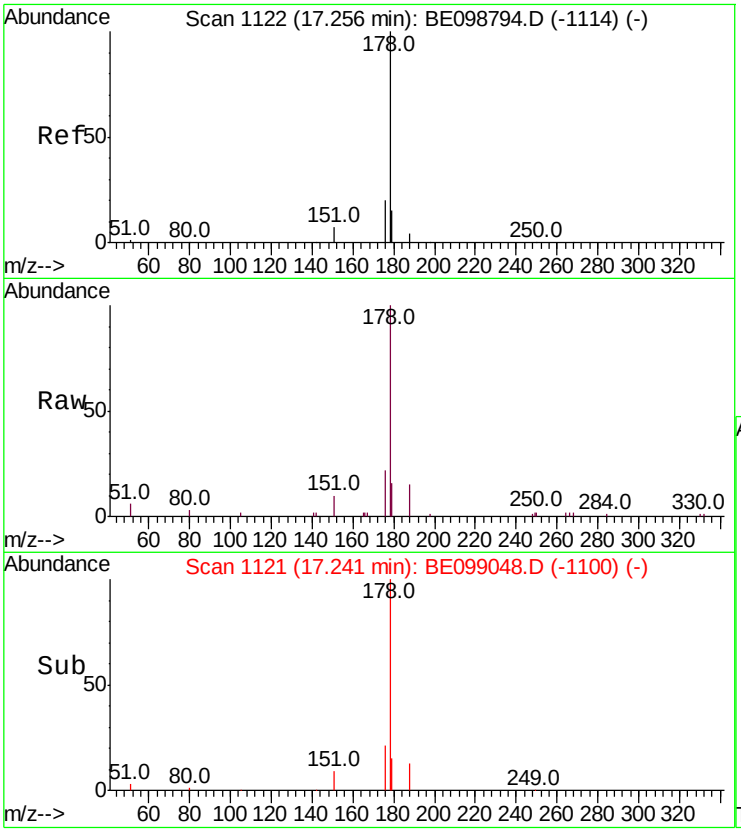


#22
Pentachlorophenol
Concen: 0.380 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:266 Resp: 162

Ion	Ratio	Lower	Upper
266	100		
264	89.9	66.6	100.0
268	93.7	69.8	104.8



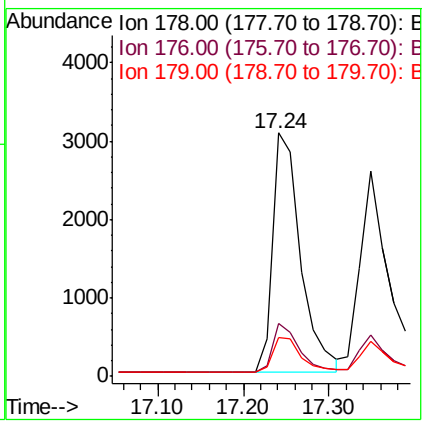


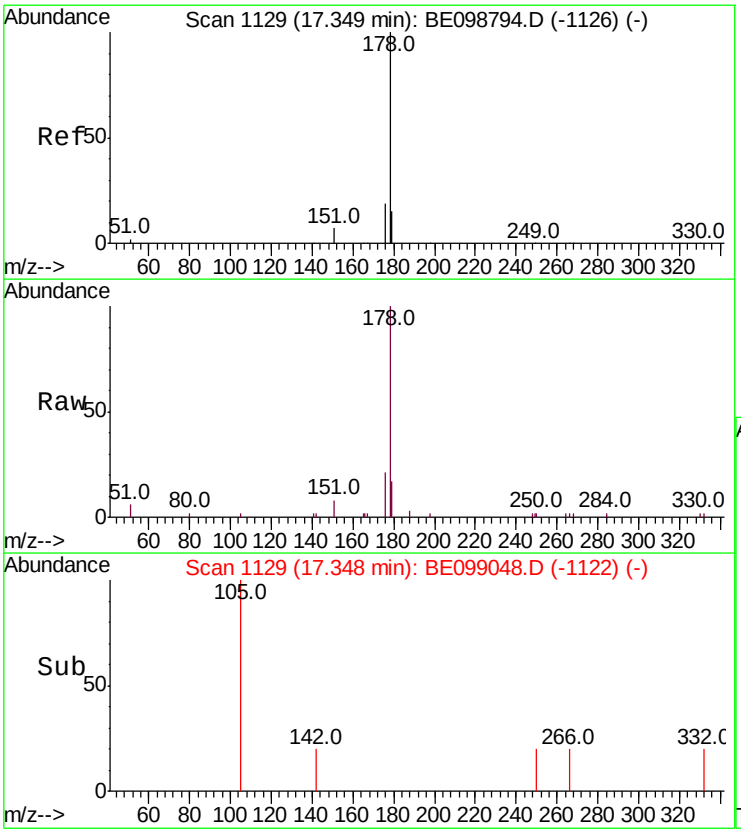
#23
Phenanthrene
Concen: 0.379 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6907

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.3	12.1	18.1

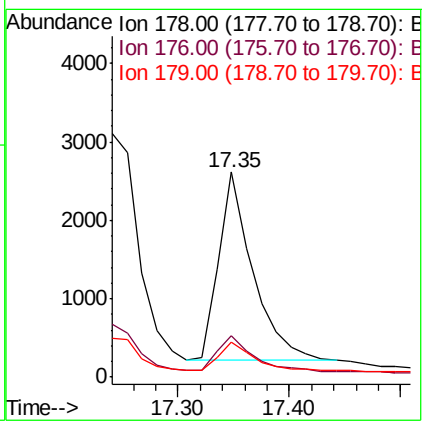


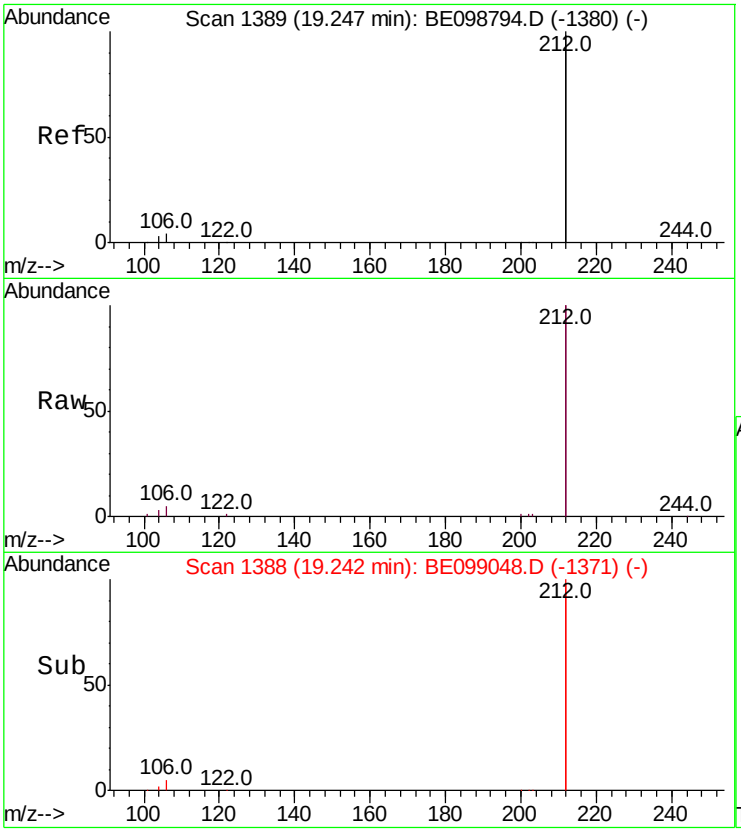


#24
Anthracene
Concen: 0.328 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:178 Resp: 5105

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.1	12.2	18.4



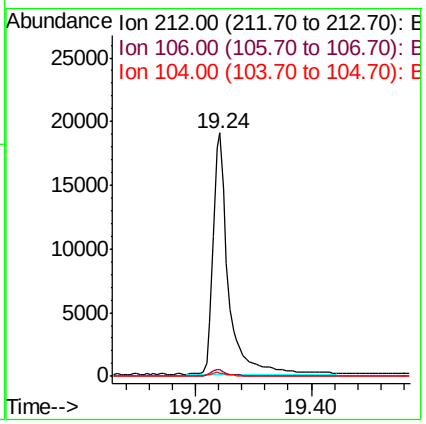


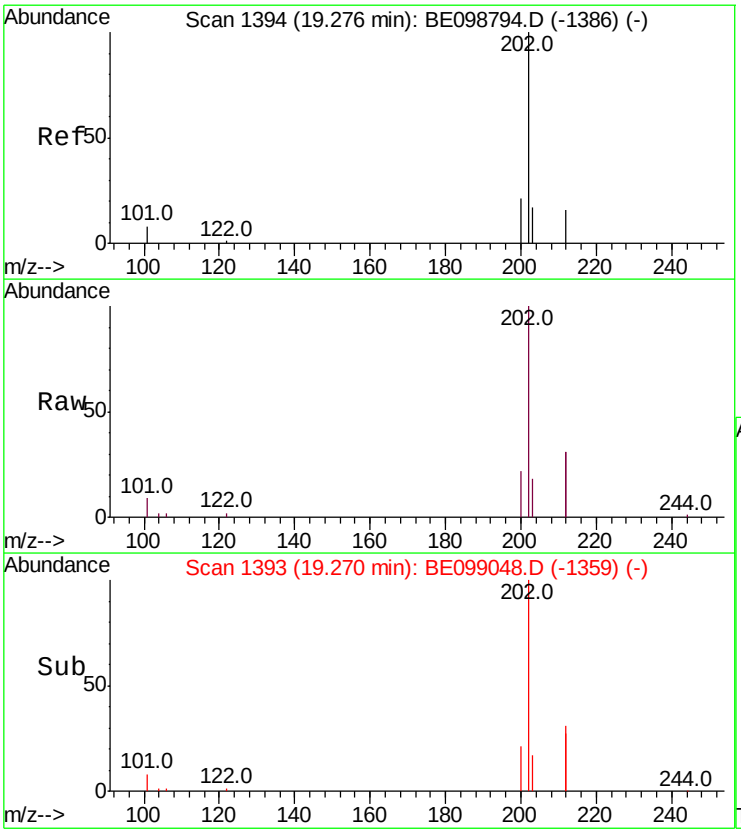
#25
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 34565

Ion	Ratio	Lower	Upper
212	100		
106	2.5	1.8	2.8
104	1.3	1.0	1.6

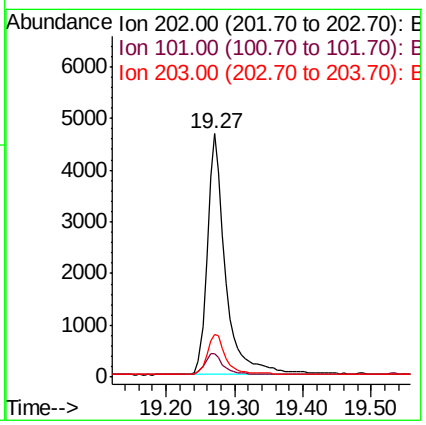


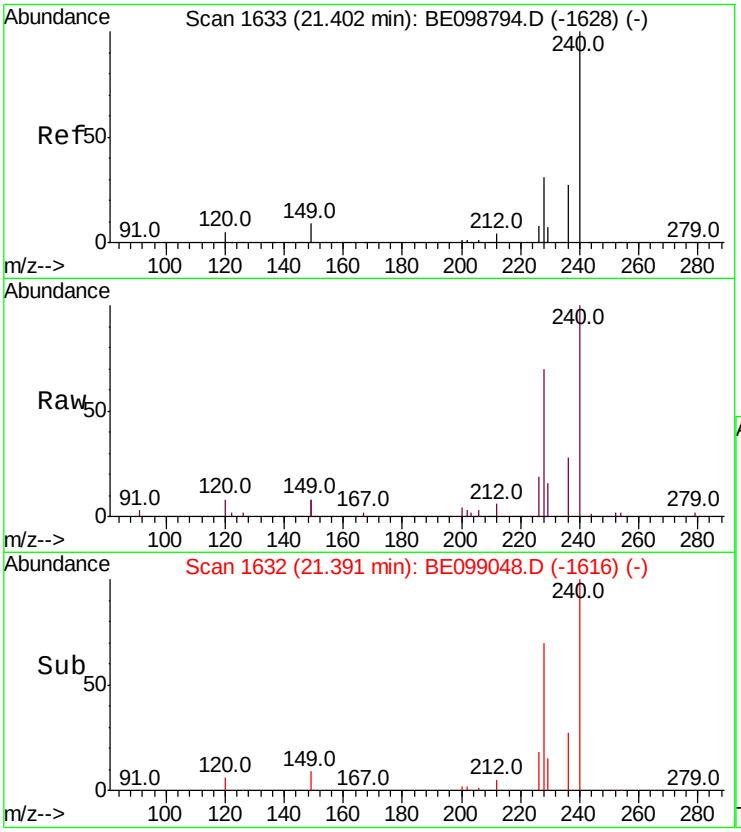


#26
Fluoranthene
Concen: 0.338 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:202 Resp: 8709

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	16.9	13.4	20.2



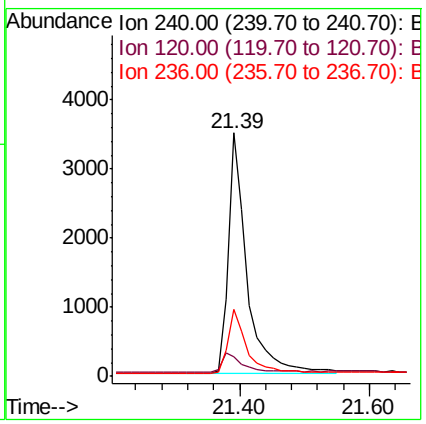


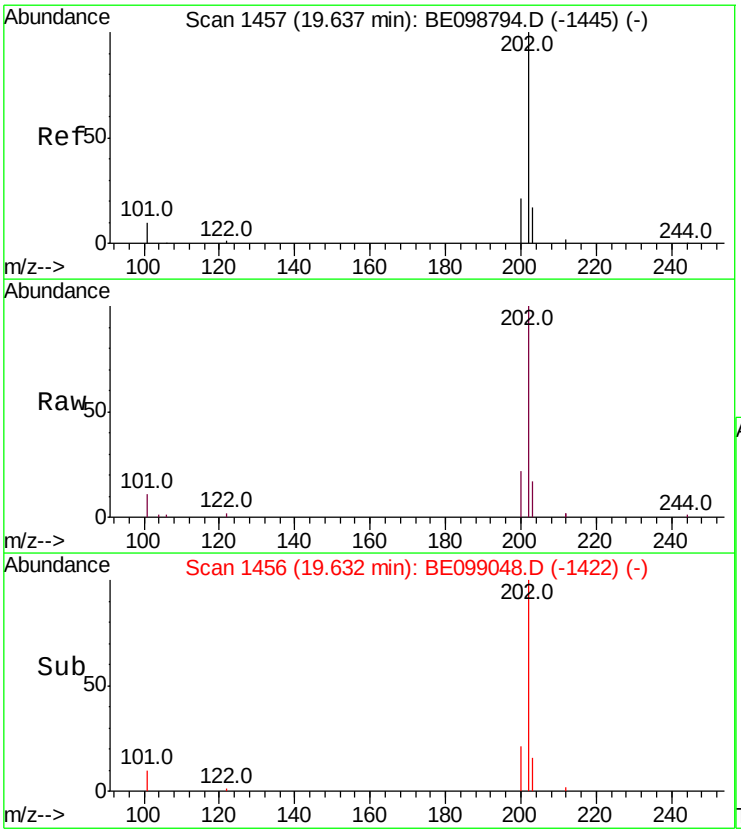
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 6966

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.0	7.4#
236	27.6	22.7	34.1

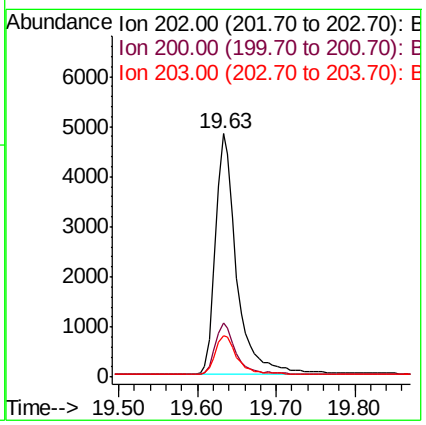


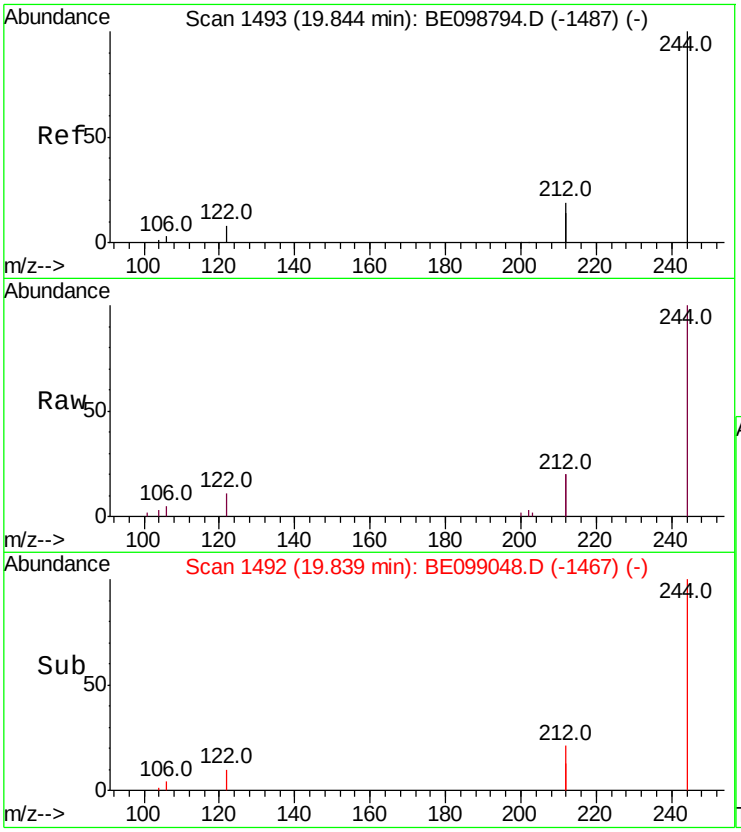


#28
Pyrene
Concen: 0.419 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:202 Resp: 8935

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.0	14.2	21.2



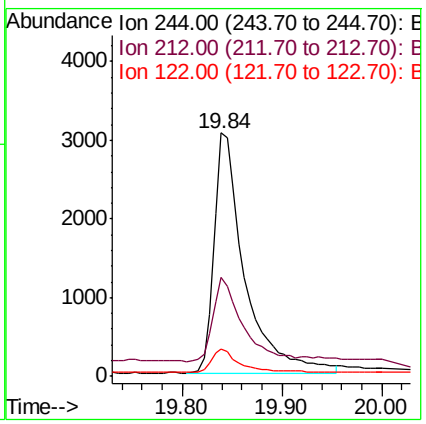


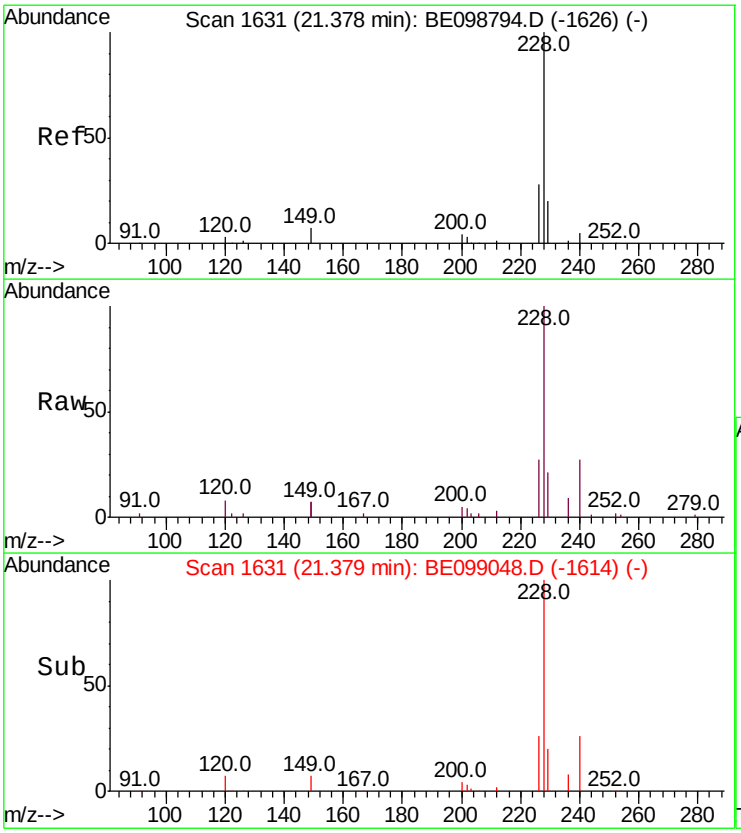
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6442

Ion	Ratio	Lower	Upper
244	100		
212	40.9	29.4	44.2
122	11.1	7.1	10.7#

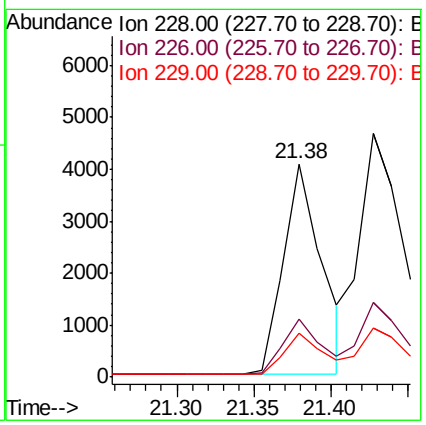


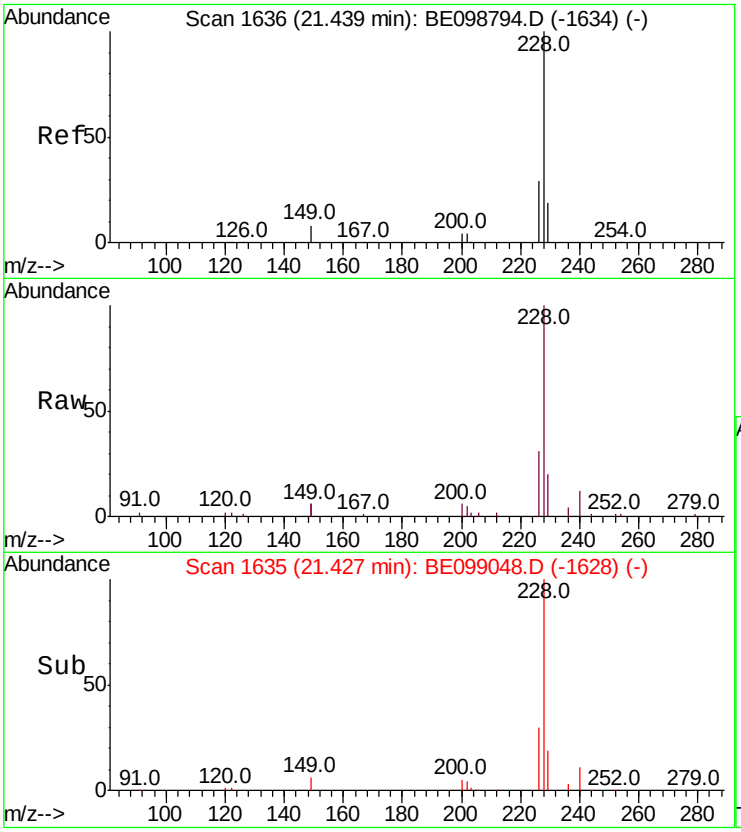


#30
Benzo(a)anthracene
Concen: 0.325 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:228 Resp: 7070

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.0	34.4
229	20.8	16.5	24.7



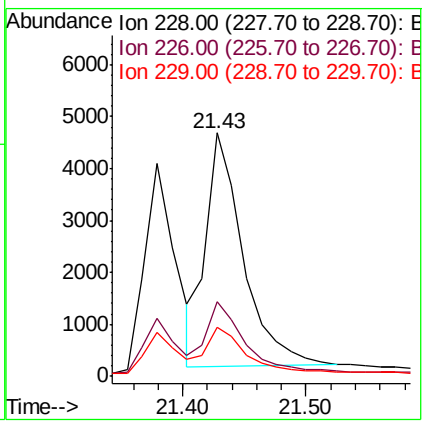


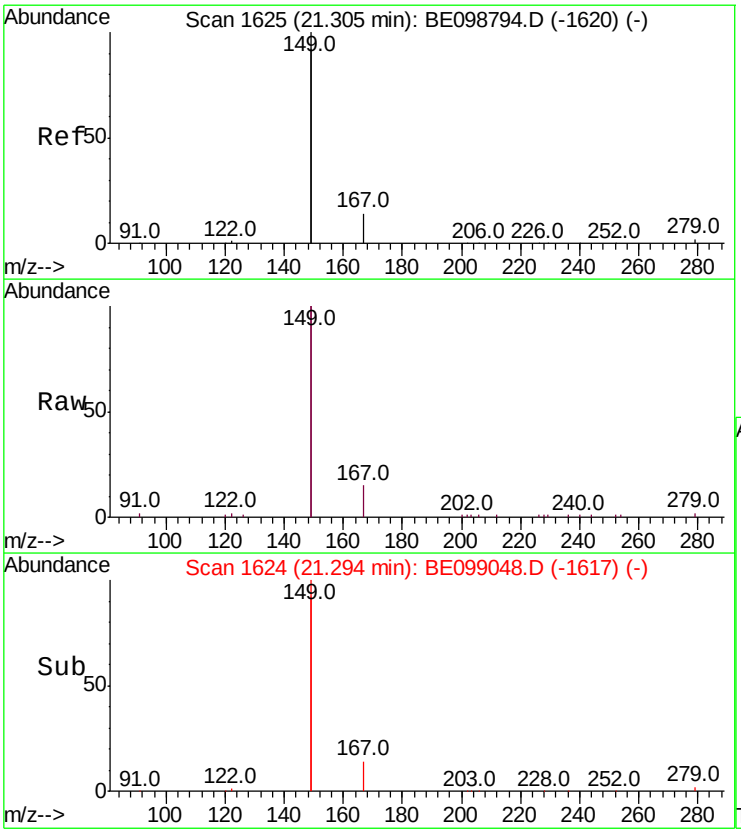
#31
Chrysene
Concen: 0.410 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9538

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.7	35.5
229	19.9	16.1	24.1

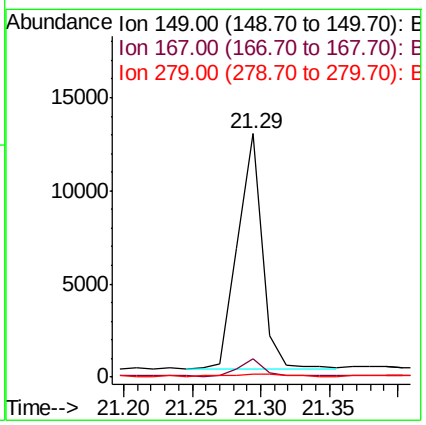


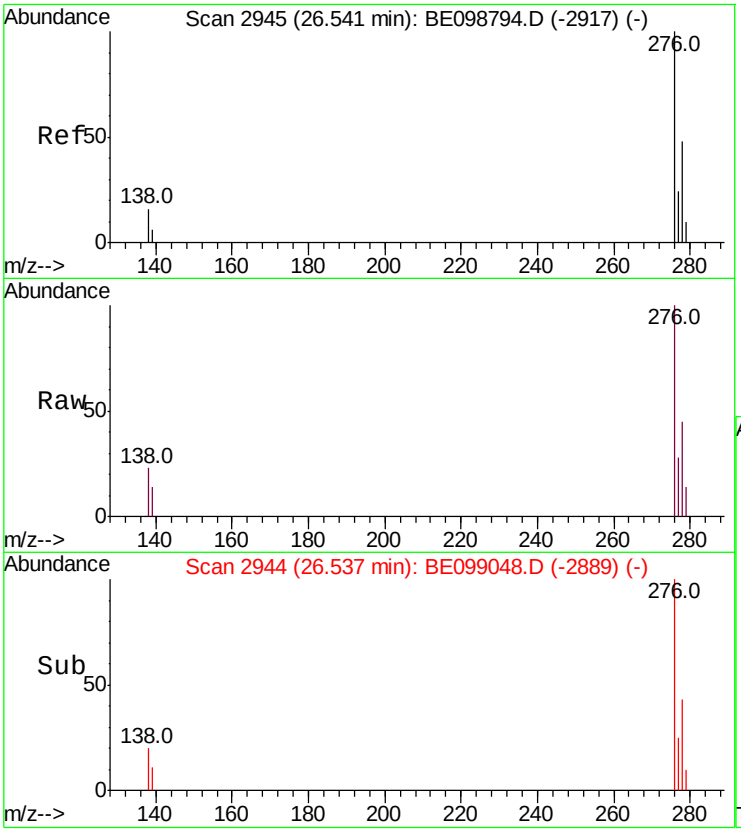


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.337 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:149 Resp: 15572

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.1	1.0	1.4



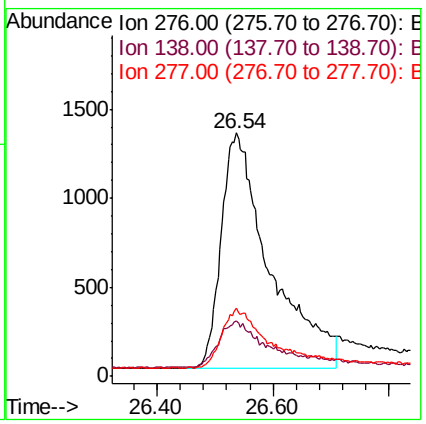


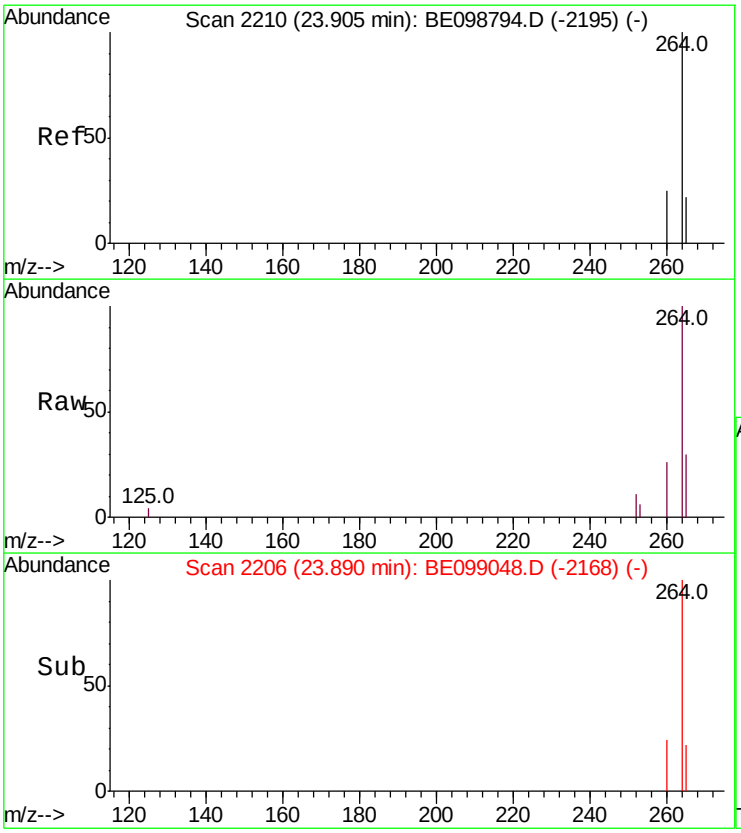
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 7727

Ion	Ratio	Lower	Upper
276	100		
138	17.5	13.8	20.8
277	20.3	19.5	29.3

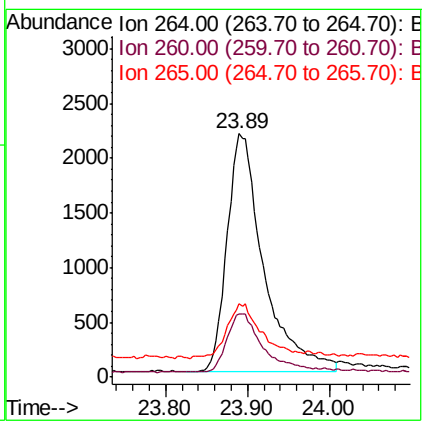


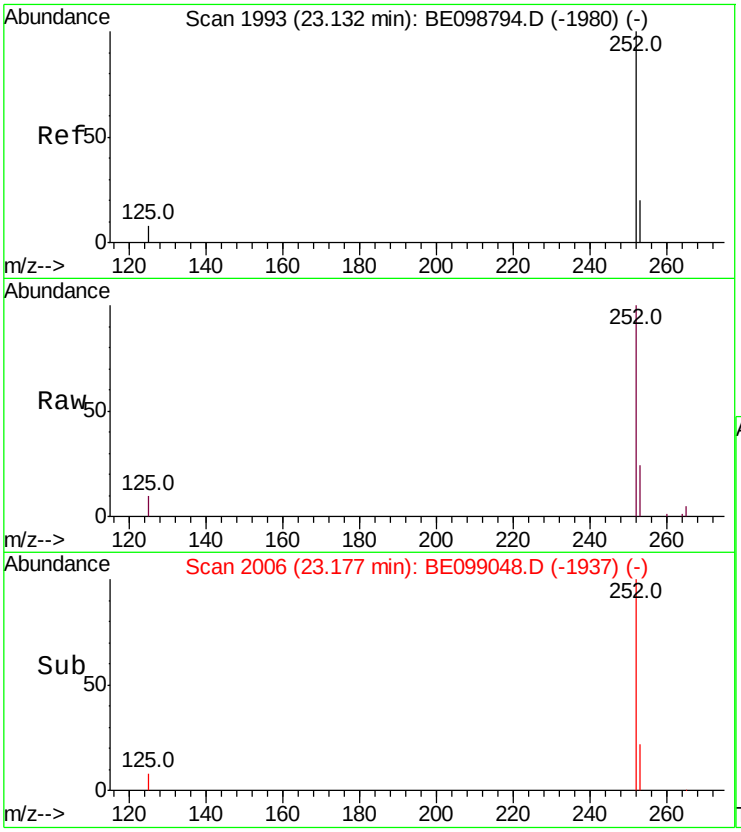


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:264 Resp: 6772

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.2	31.8
265	30.0	24.6	36.8



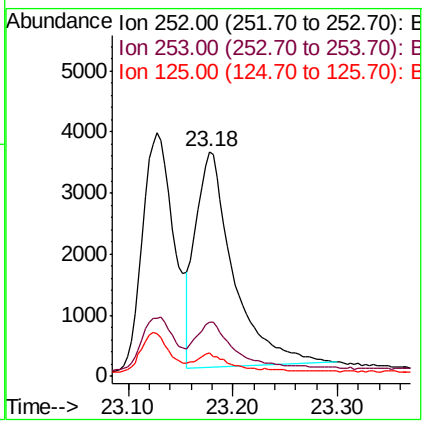


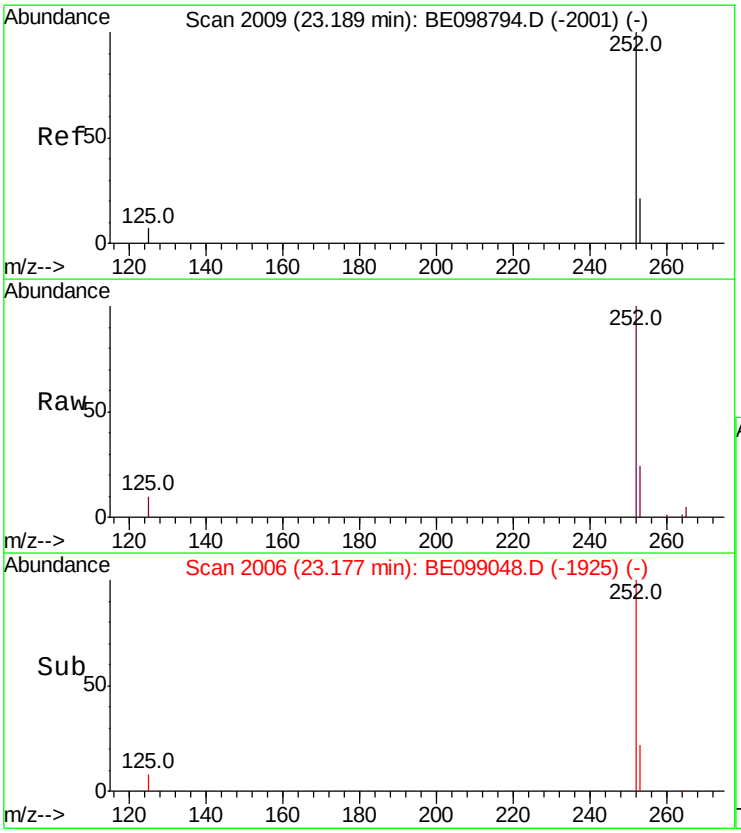
#35
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8851

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	10.2	7.3	10.9

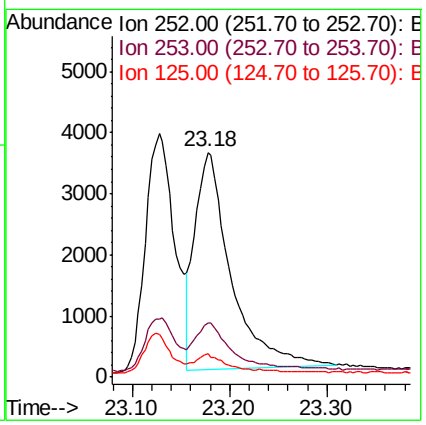


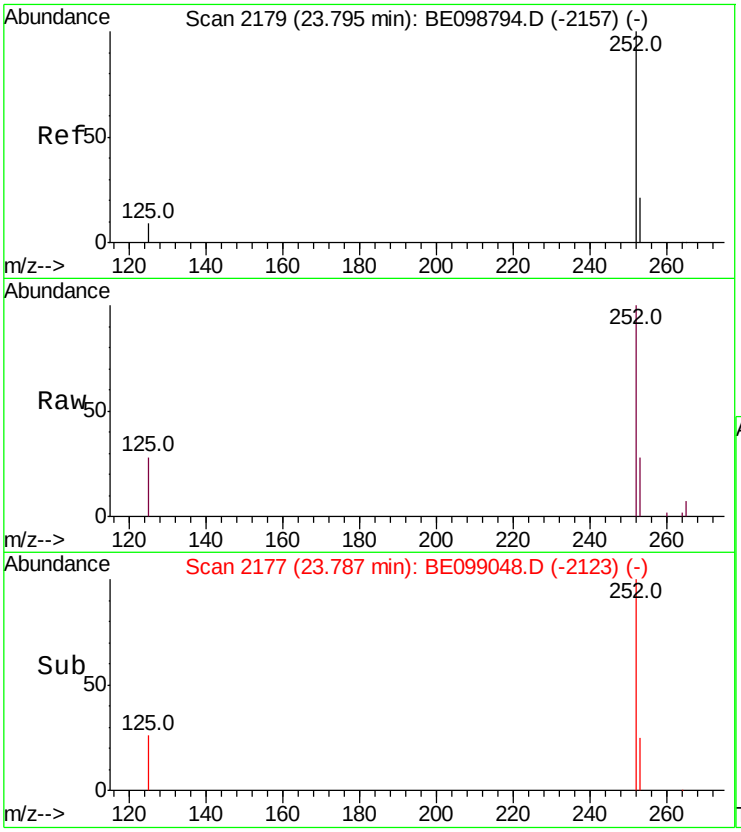


#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:252 Resp: 9136

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	10.2	7.5	11.3



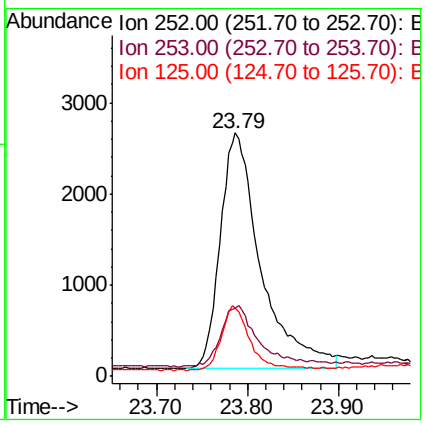


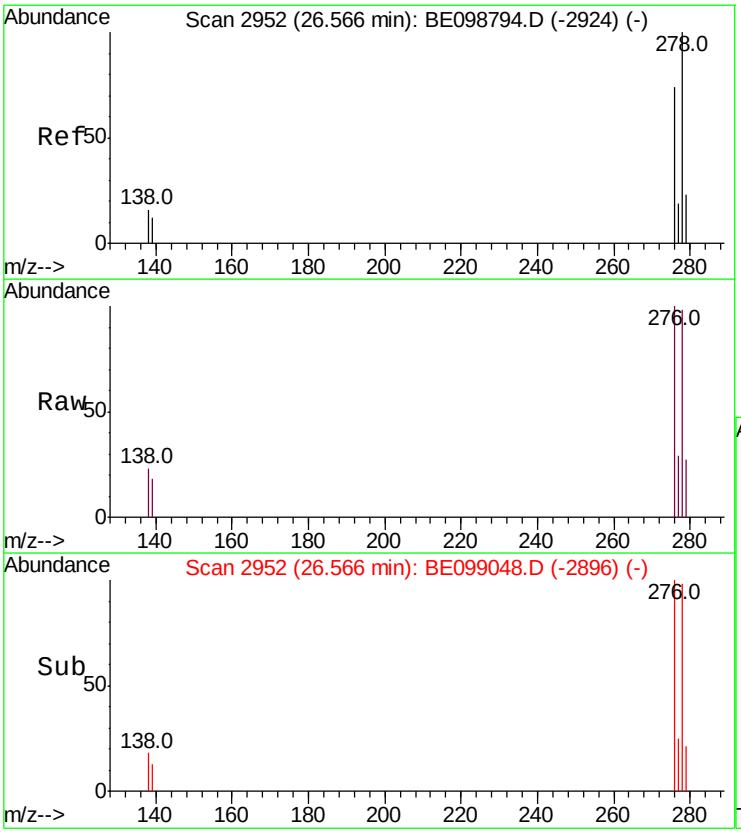
#37
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8037

Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.9	29.9
125	28.0	9.0	13.4#

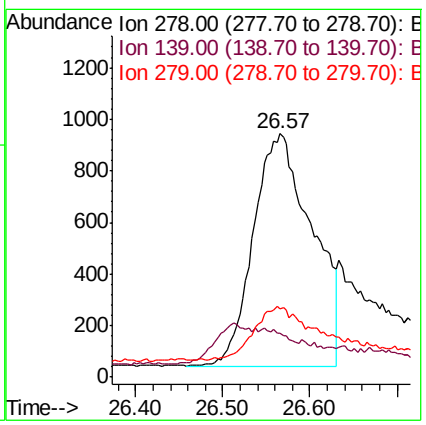


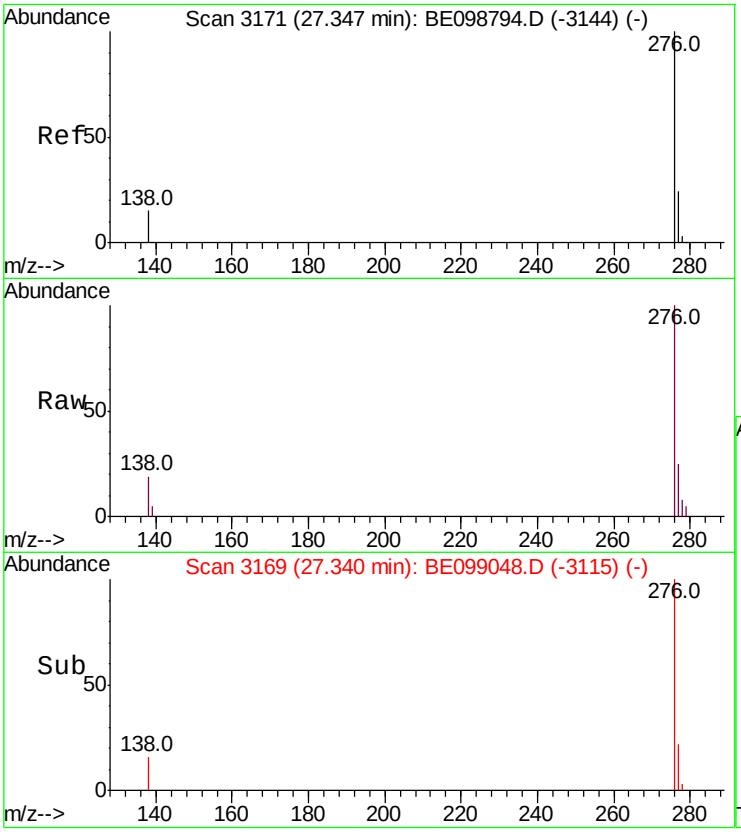


#38
Dibenzo(a,h)anthracene
Concen: 0.209 ng
RT: 26.57 min Scan# 2952
Delta R.T. -0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:278 Resp: 4218

Ion	Ratio	Lower	Upper
278	100		
139	18.3	11.8	17.6#
279	28.1	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.309 ng
RT: 27.34 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 6530

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.4	30.6
138	18.9	13.6	20.4