Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
Data File : BE099814.D
Acq On : 6 Jun 2019 8:27
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 07 02:04:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1393	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	5014	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	3707	0.40	ng		0.01
19) Phenanthrene-d10	17.23	188	12426	0.40	ng		0.00
27) Chrysene-d12	21.41	240	20374	0.40	ng		0.00
34) Perylene-d12	23.95	264	23914	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	1274	0.38	ng		0.00
5) Phenol-d6	6.96	99	1786	0.41	ng		0.00
8) Nitrobenzene-d5	8.98	82	1625	0.37	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	3032	0.35	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	726	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	4970	0.36	ng		0.00
25) Fluoranthene-d10	19.26	212	64183	0.35	ng		0.00
29) Terphenyl-d14	19.86	244	13449	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	728	0.360	ng	#	95
3) n-Nitrosodimethylamine	3.62	42	358	0.334	ng	#	81
6) bis(2-Chloroethyl)ether	7.23	93	1454	0.380	ng		93
9) Naphthalene	10.65	128	20044	0.374	ng		100
10) Hexachlorobutadiene	10.94	225	1532	0.376	ng		99
12) 2-Methylnaphthalene	12.30	142	3030	0.355	ng		96
16) Acenaphthylene	14.20	152	6351	0.355	ng		99
17) Acenaphthene	14.54	154	3472	0.355	ng		98
18) Fluorene	15.51	166	5137	0.356	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	2435	0.351	ng	#	83
21) Hexachlorobenzene	16.52	284	2624	0.345	ng		96
22) Pentachlorophenol	16.92	266	263	0.385	ng		93
23) Phenanthrene	17.27	178	10683	0.360	ng		100
24) Anthracene	17.36	178	9019	0.337	ng		99
26) Fluoranthene	19.29	202	18919	0.364	ng		99
28) Pyrene	19.65	202	19799	0.402	ng		100
30) Benzo(a)anthracene	21.39	228	22656	0.403	ng		99
31) Chrysene	21.45	228	23763	0.382	ng		99
32) Bis(2-ethylhexyl)phthalate	21.30	149	26249	0.406	ng		99
33) Indeno(1,2,3-cd)pyrene	26.64	276	29374	0.394	ng		99
35) Benzo(b)fluoranthene	23.16	252	24525	0.370	ng		99
36) Benzo(k)fluoranthene	23.21	252	24950	0.355	ng		100
37) Benzo(a)pyrene	23.83	252	23451	0.365	ng		99
38) Dibenzo(a,h)anthracene	26.67	278	23093	0.354	ng		99
39) Benzo(g,h,i)perylene	27.46	276	24251	0.354	ng		99

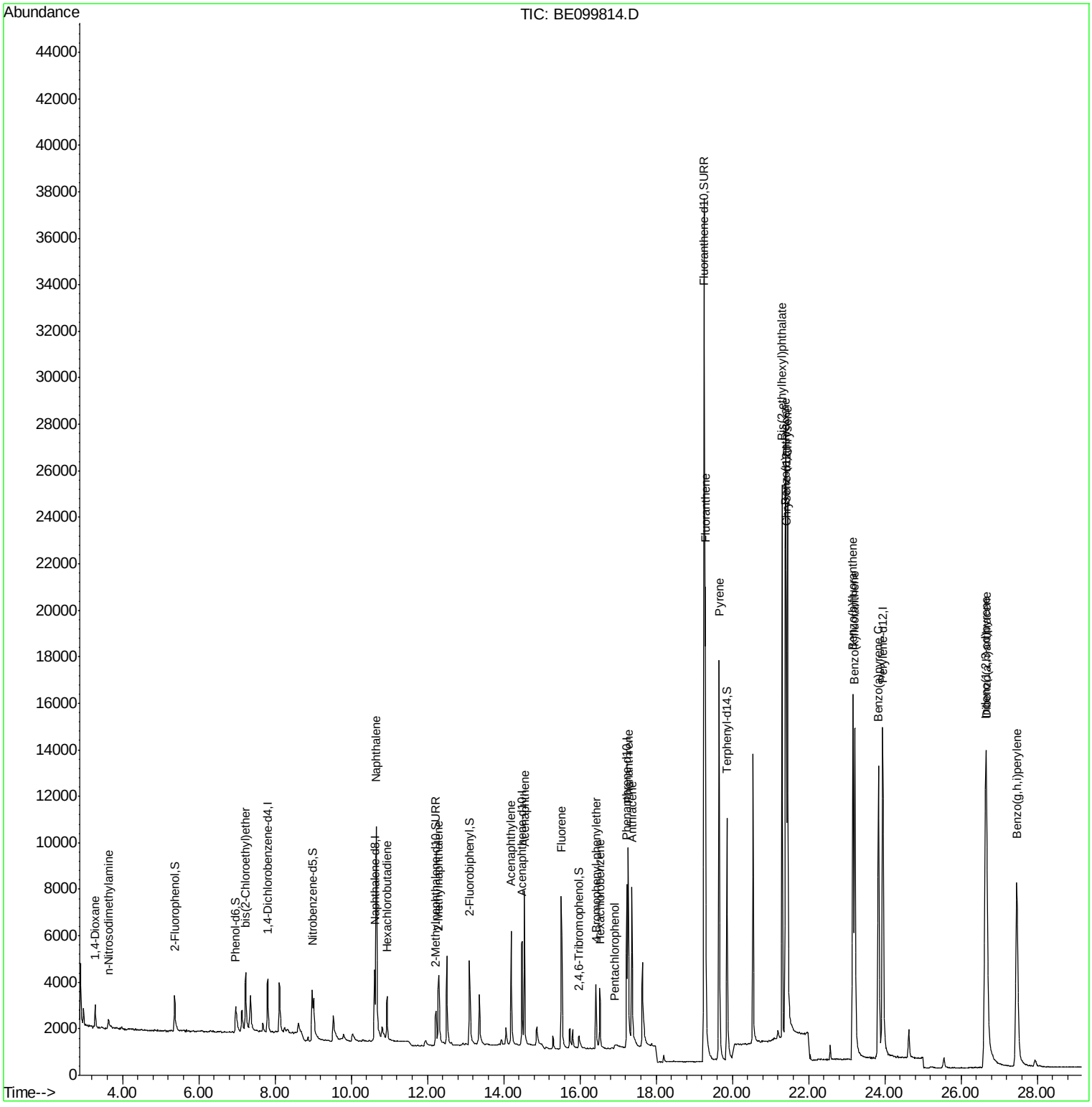
(#) = qualifier out of range (m) = manual integration (+) = signals summed

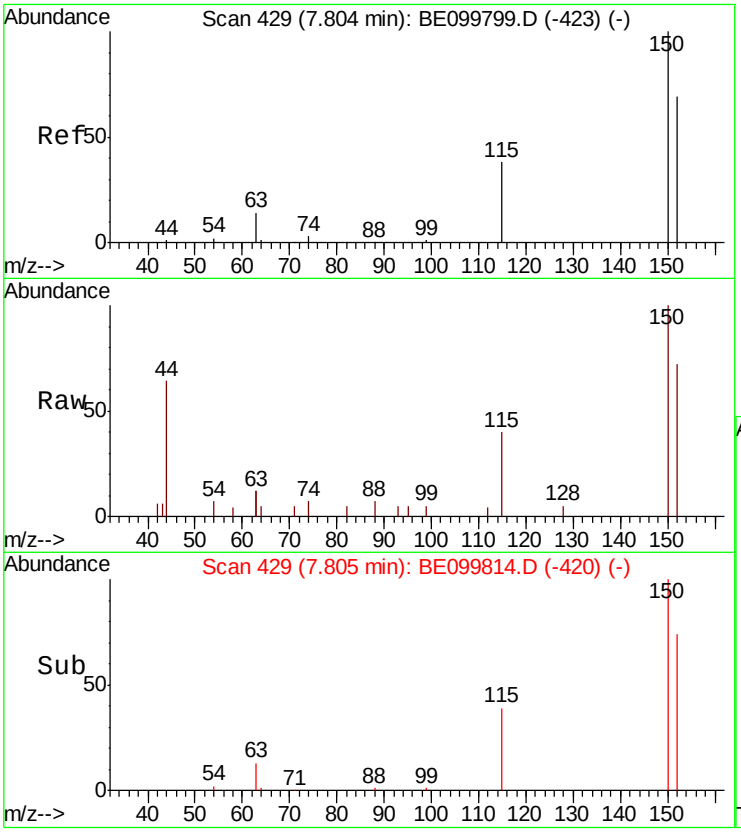
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
Data File : BE099814.D
Acq On : 6 Jun 2019 8:27
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 07 02:04:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration



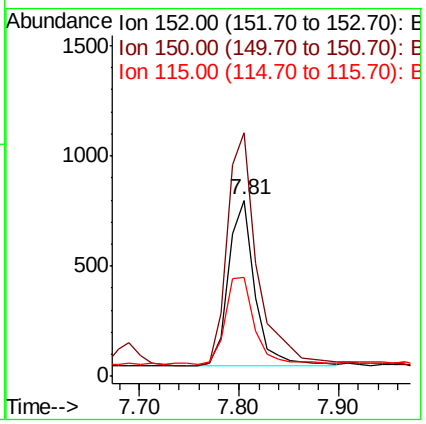


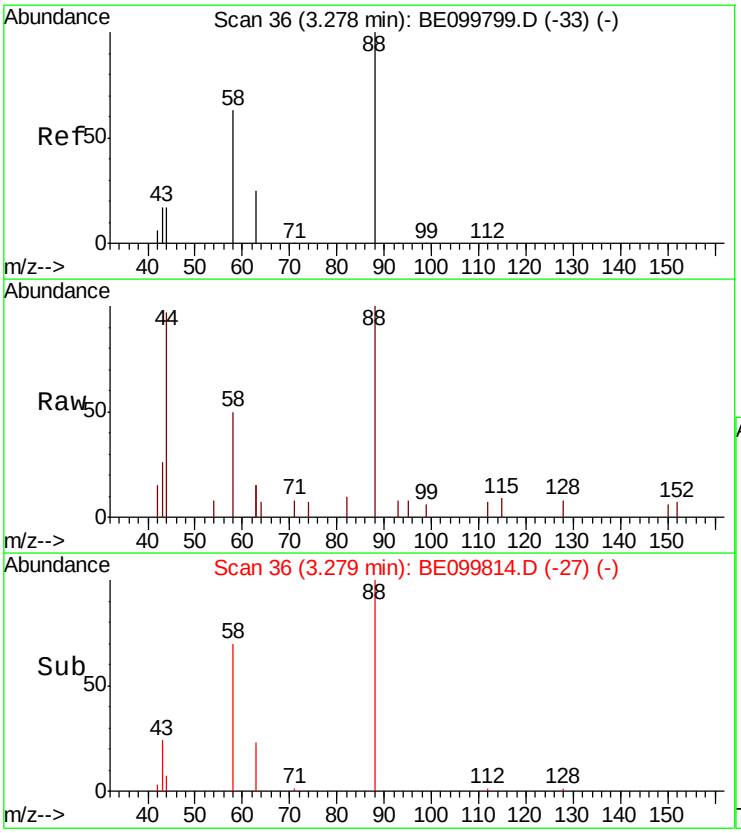
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1393

Ion	Ratio	Lower	Upper
152	100		
150	138.2	112.8	169.2
115	55.9	47.6	71.4

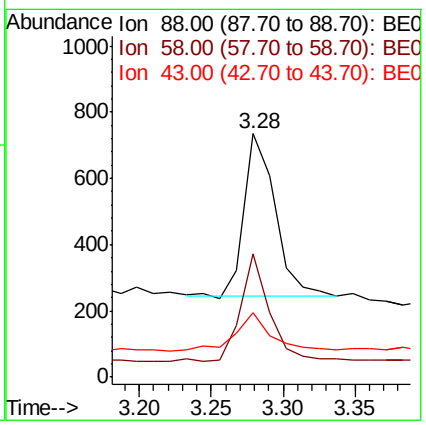


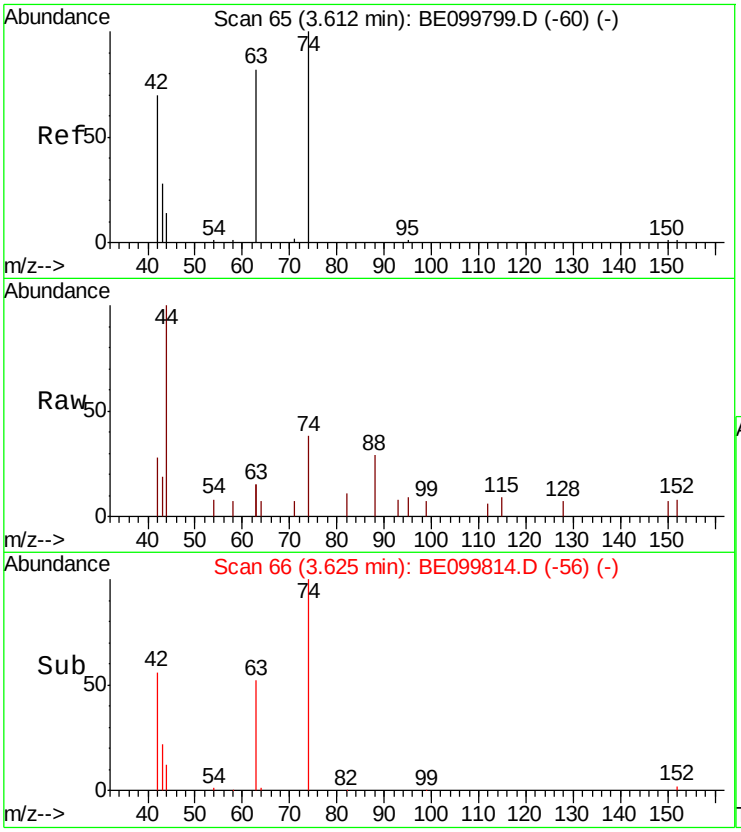


#2
1,4-Dioxane
Concen: 0.360 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion: 88 Resp: 728

Ion	Ratio	Lower	Upper
88	100		
58	61.1	47.3	70.9
43	28.4	18.2	27.4#



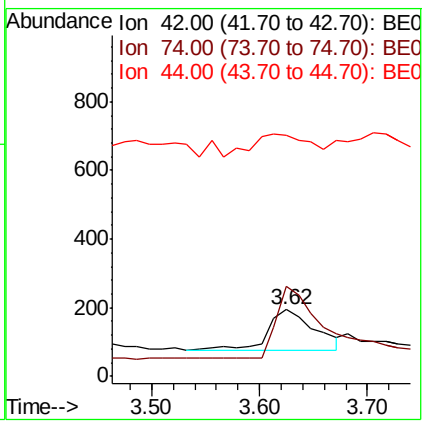


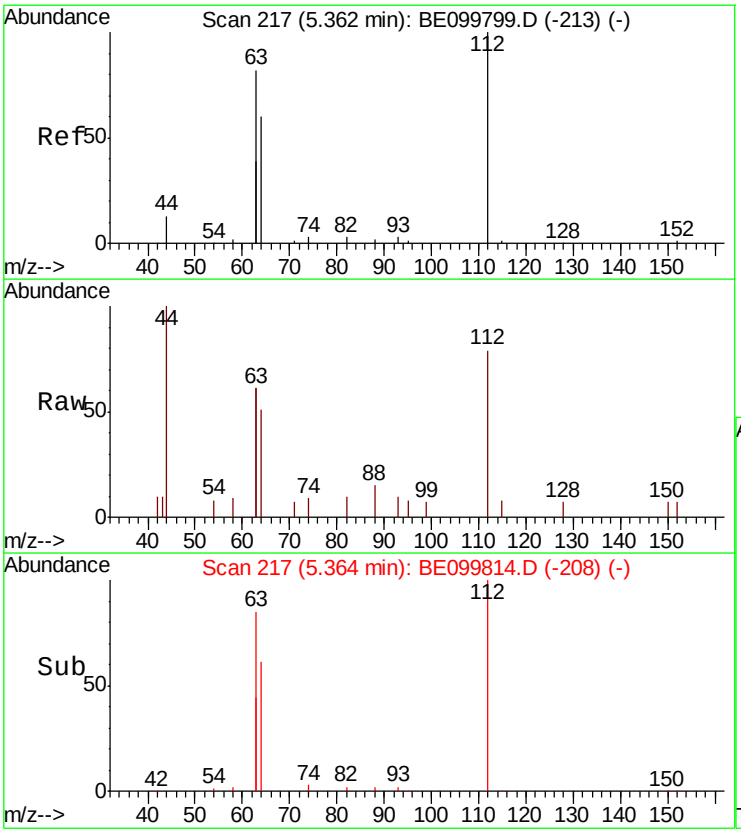
#3
n-Nitrosodimethylamine
Concen: 0.334 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.01 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 358

Ion	Ratio	Lower	Upper
42	100		
74	152.2	132.6	198.8
44	65.4	13.4	20.0#

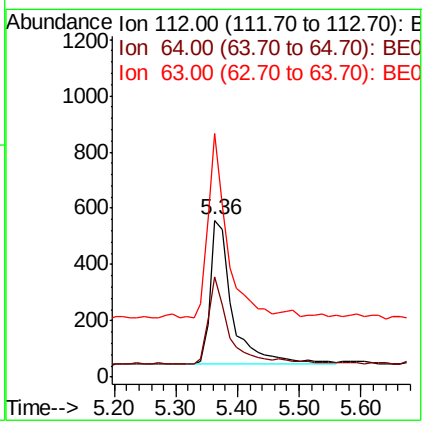


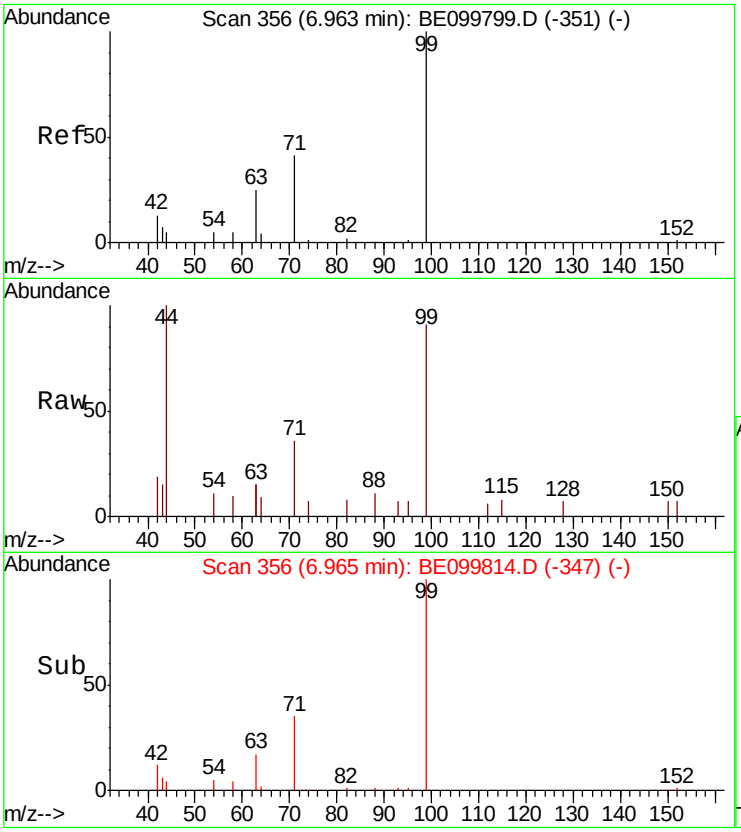


#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:112 Resp: 1274

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.2	70.8
63	108.2	90.7	136.1



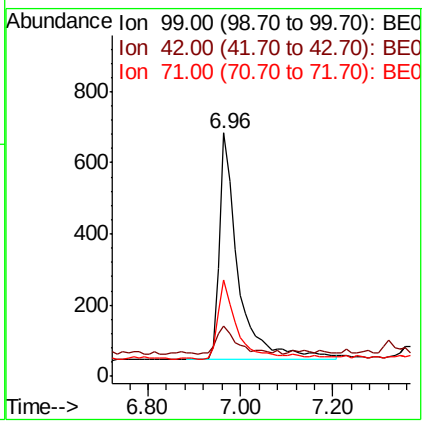


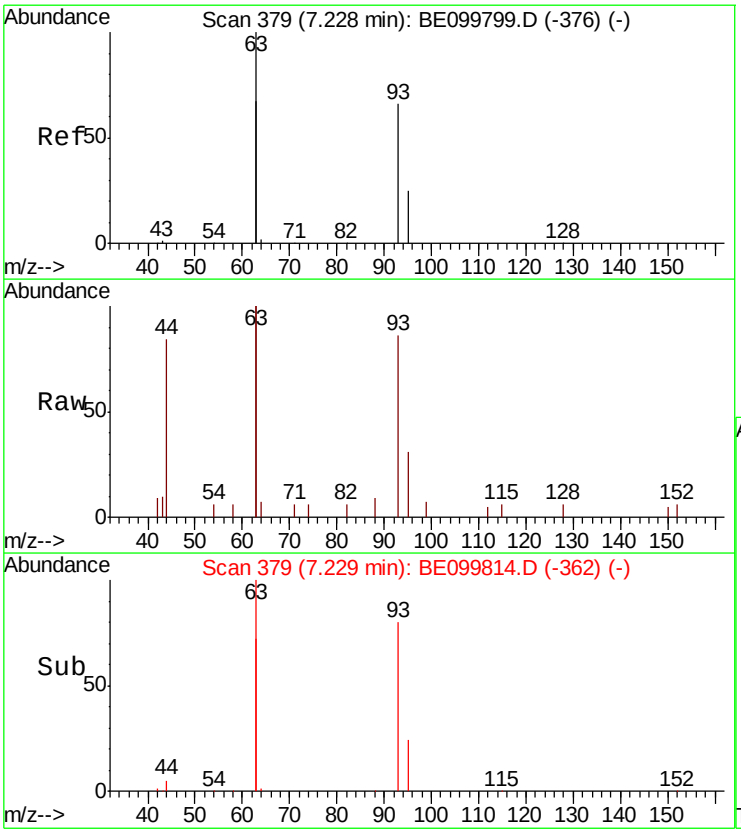
#5
Phenol-d6
Concen: 0.410 ng
RT: 6.96 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1786

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.0	16.4
71	33.8	26.1	39.1

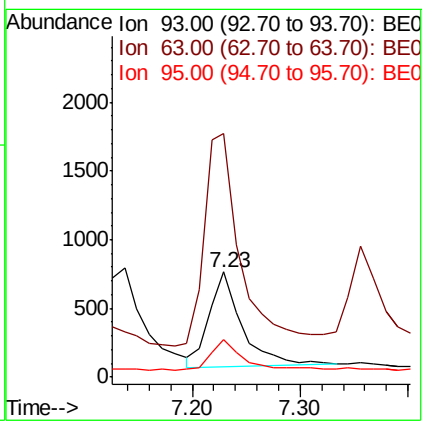


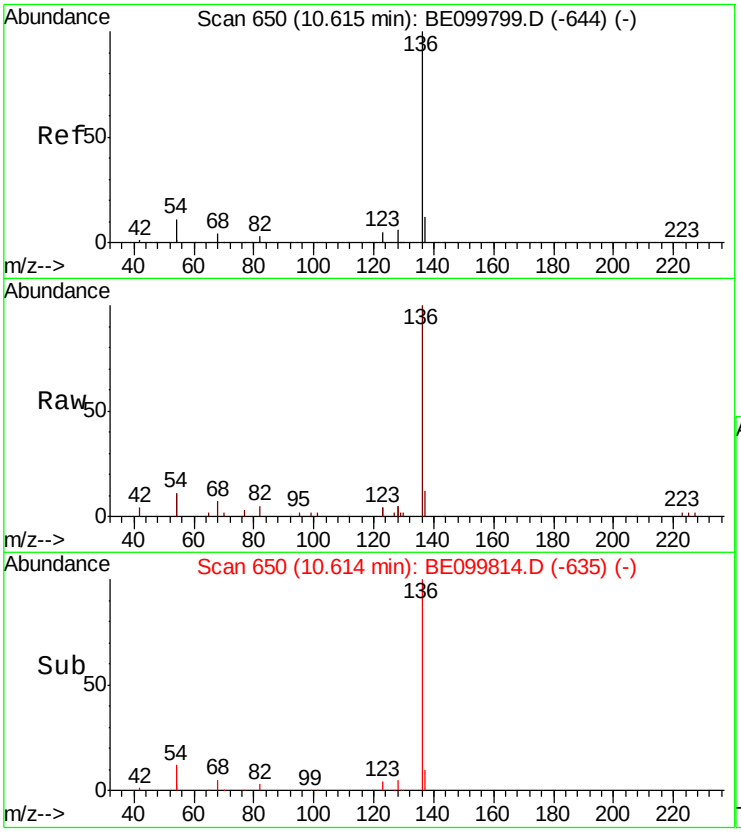


#6
bis(2-Chloroethyl)ether
Concen: 0.380 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion: 93 Resp: 1454

Ion	Ratio	Lower	Upper
93	100		
63	247.0	208.8	313.2
95	32.4	27.6	41.4



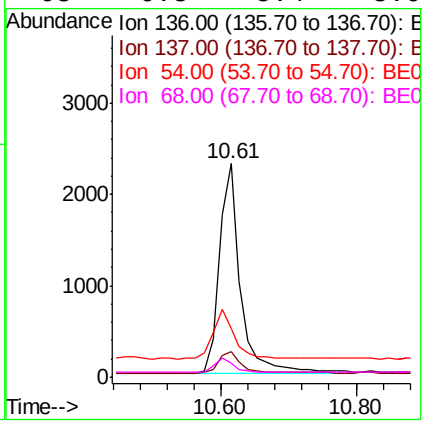


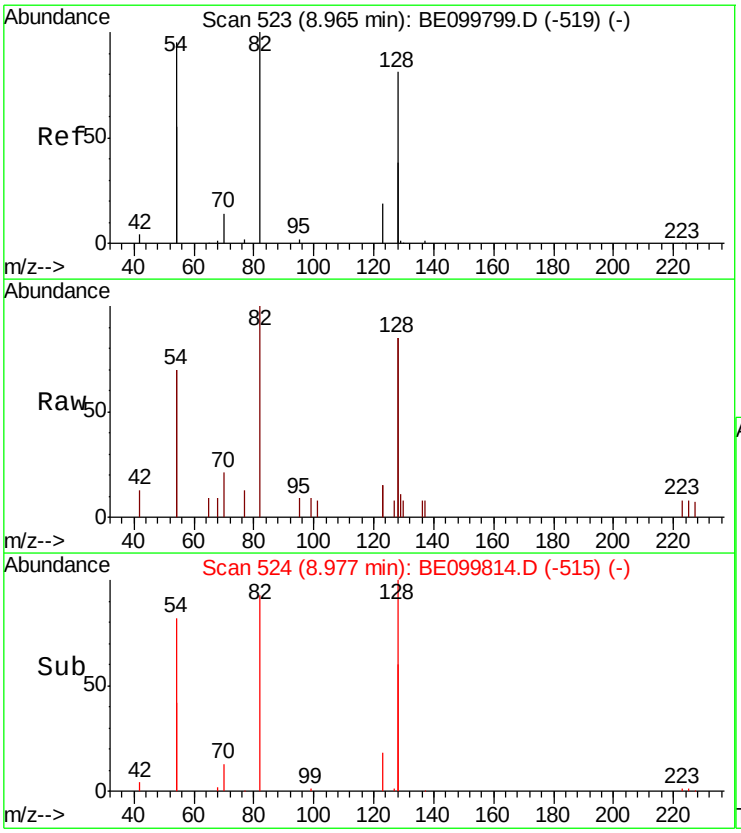
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5014

Ion	Ratio	Lower	Upper
136	100		
137	11.9	11.1	16.7
54	22.8	17.9	26.9
68	6.8	5.4	8.0

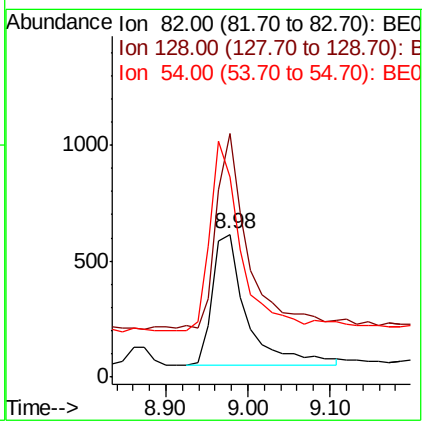


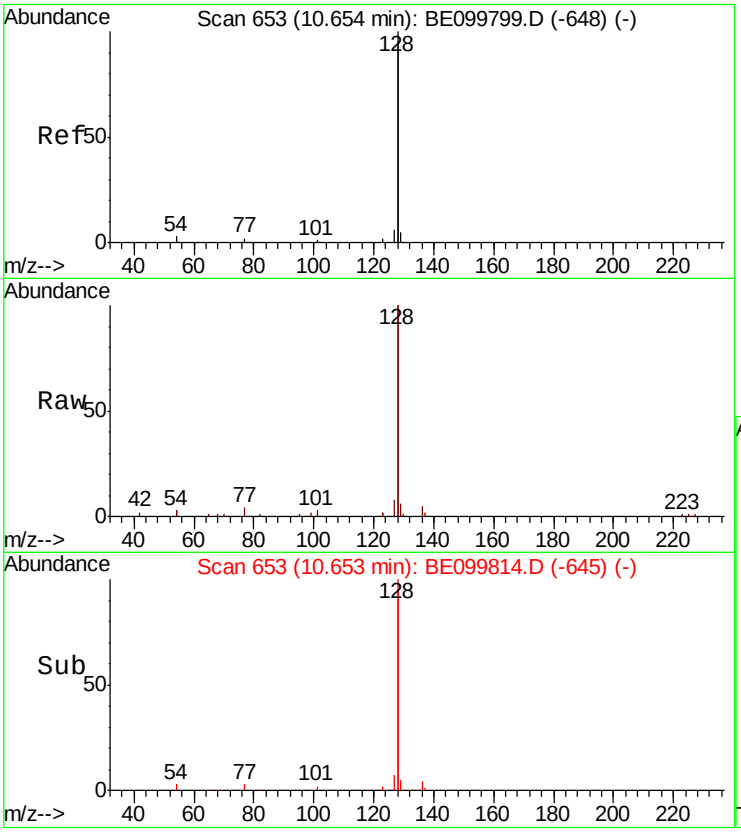


#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion: 82 Resp: 1625

Ion	Ratio	Lower	Upper
82	100		
128	170.5	116.6	175.0
54	139.6	136.2	204.4



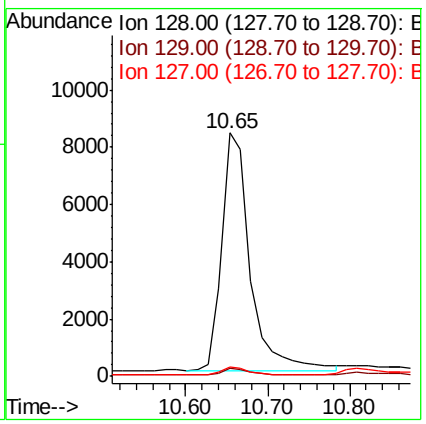


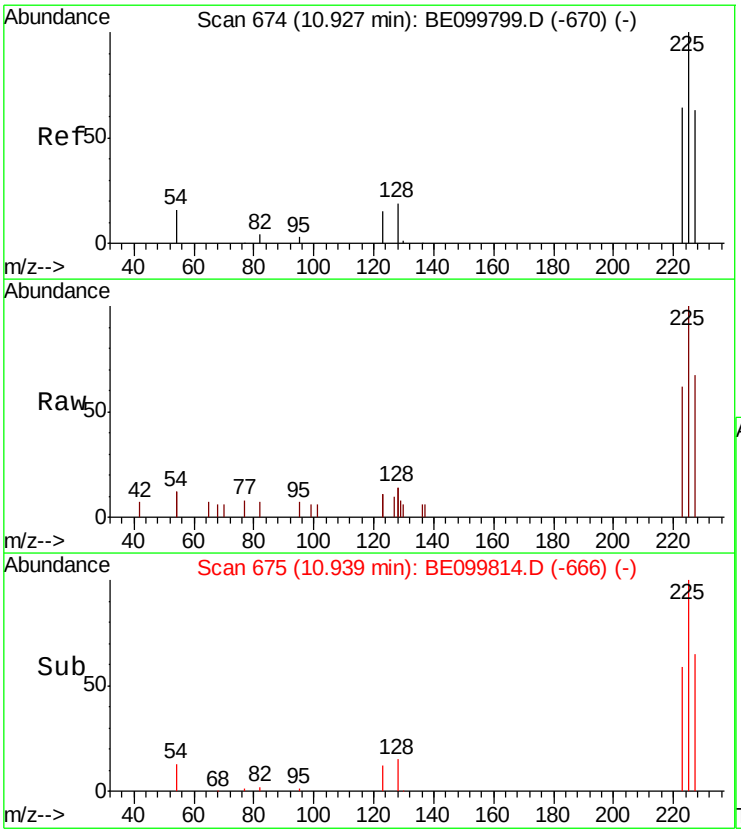
#9
Naphthalene
Concen: 0.374 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 20044

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	4.0
127	3.8	3.0	4.6

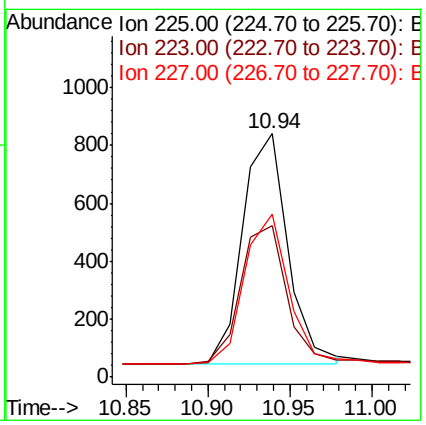


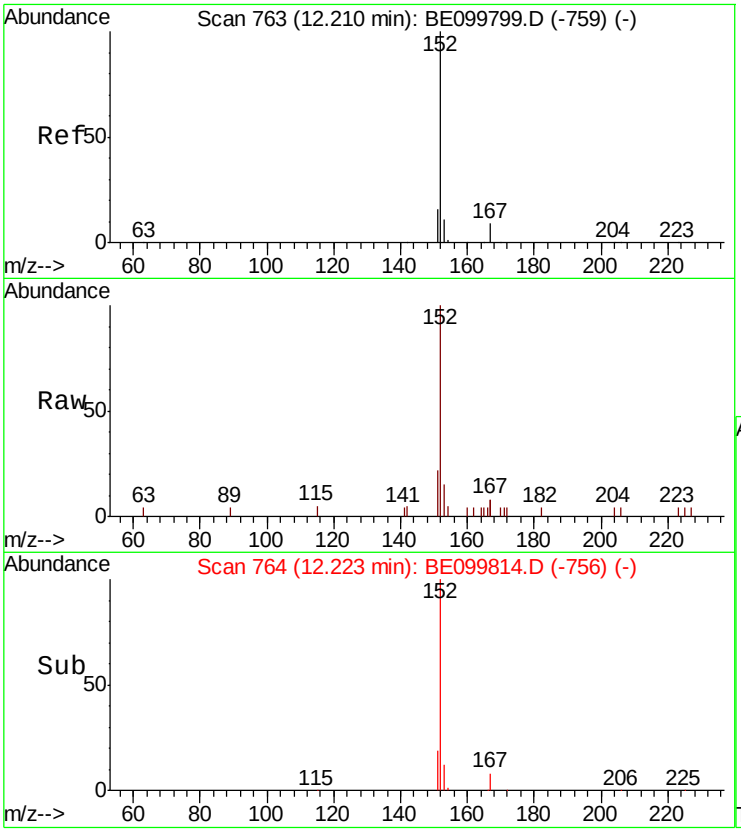


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:225 Resp: 1532

Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.6	72.8
227	63.3	51.6	77.4



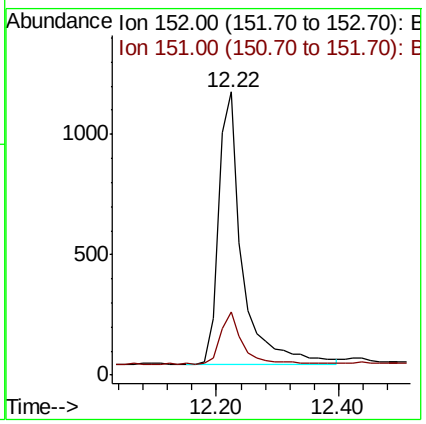


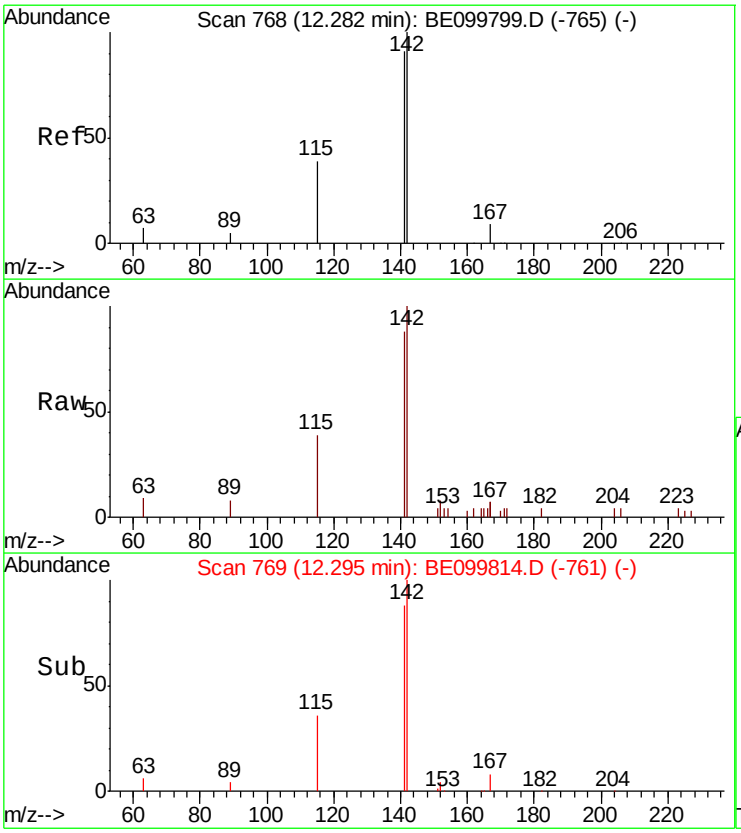
#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3032

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.8	23.8

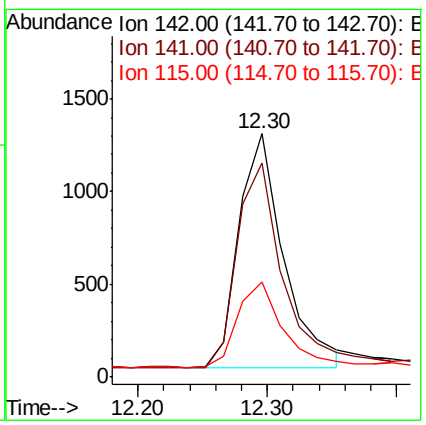


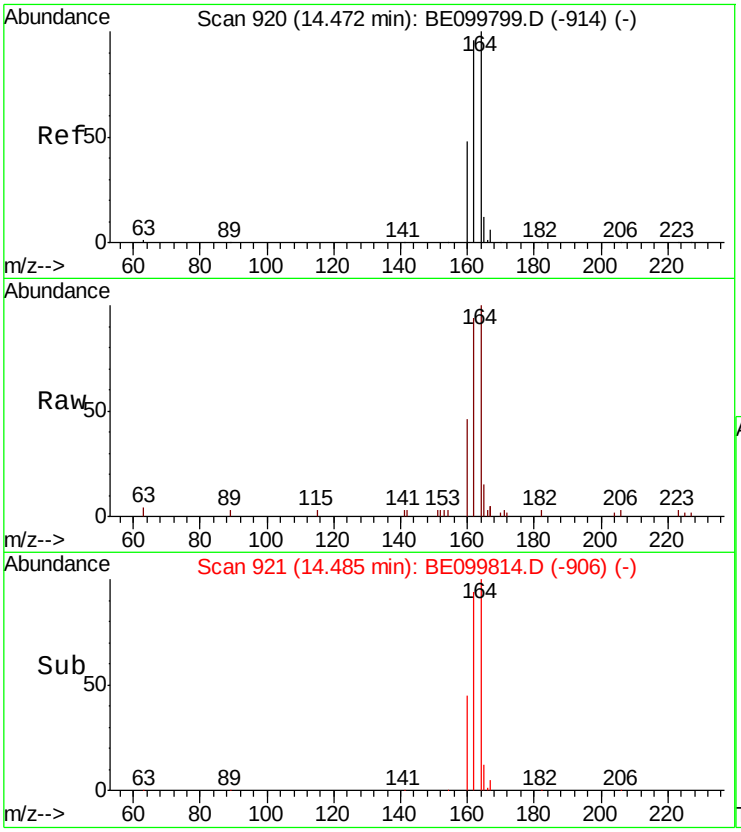


#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:142 Resp: 3030

Ion	Ratio	Lower	Upper
142	100		
141	88.1	73.3	109.9
115	38.9	33.4	50.2



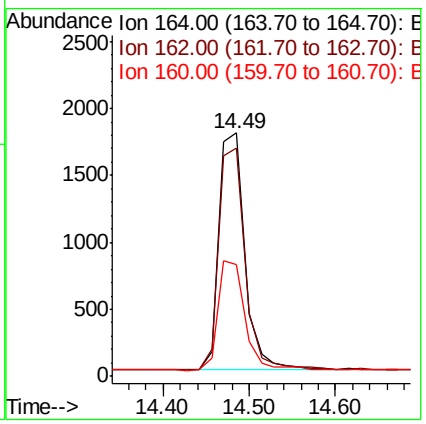


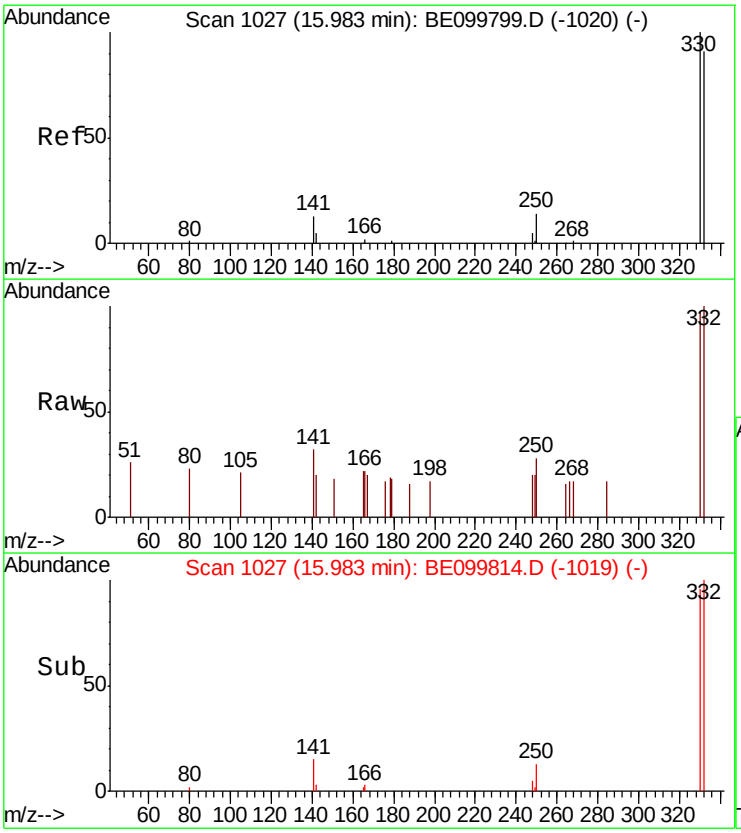
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3707

Ion	Ratio	Lower	Upper
164	100		
162	93.9	77.2	115.8
160	46.0	39.4	59.2

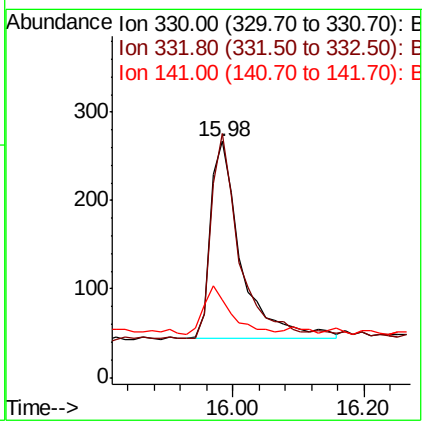


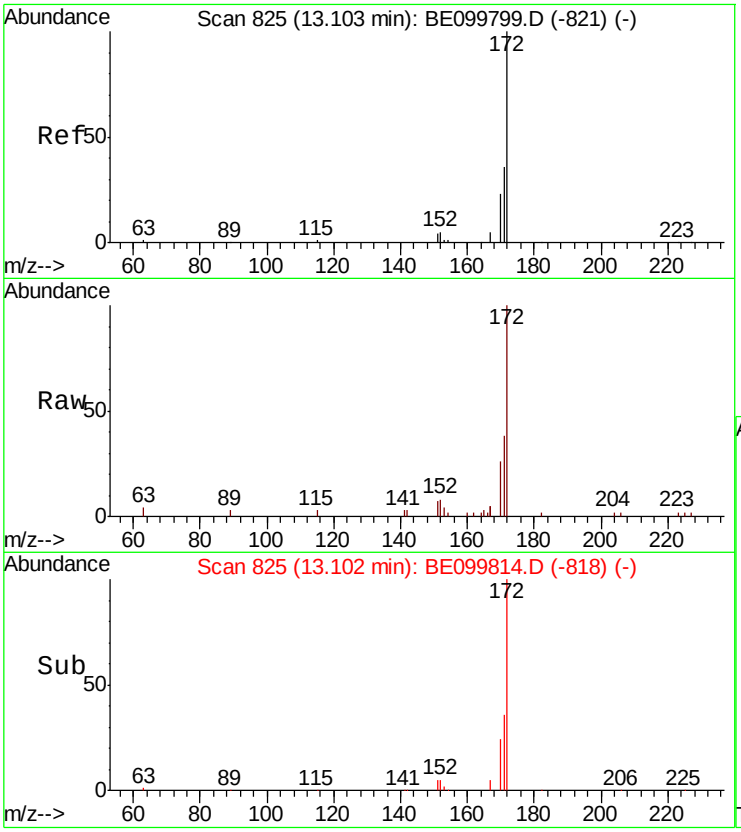


#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:330 Resp: 726

Ion	Ratio	Lower	Upper
330	100		
332	95.9	74.9	112.3
141	21.2	16.0	24.0



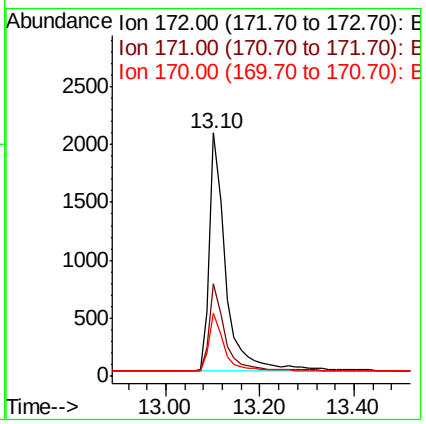


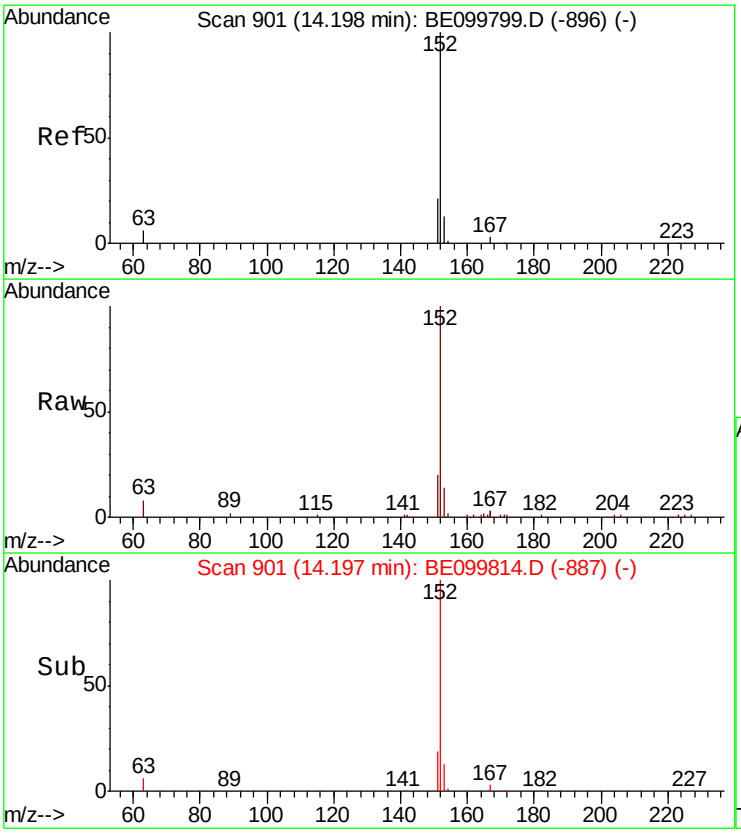
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4970

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.2	45.4
170	25.8	20.1	30.1

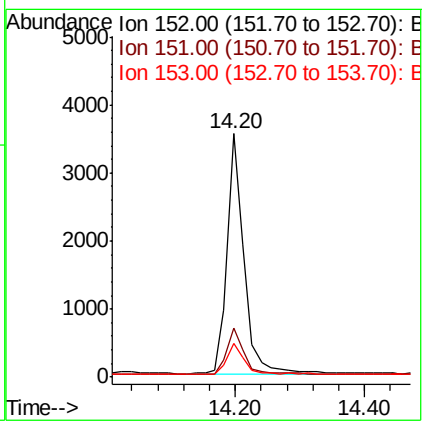


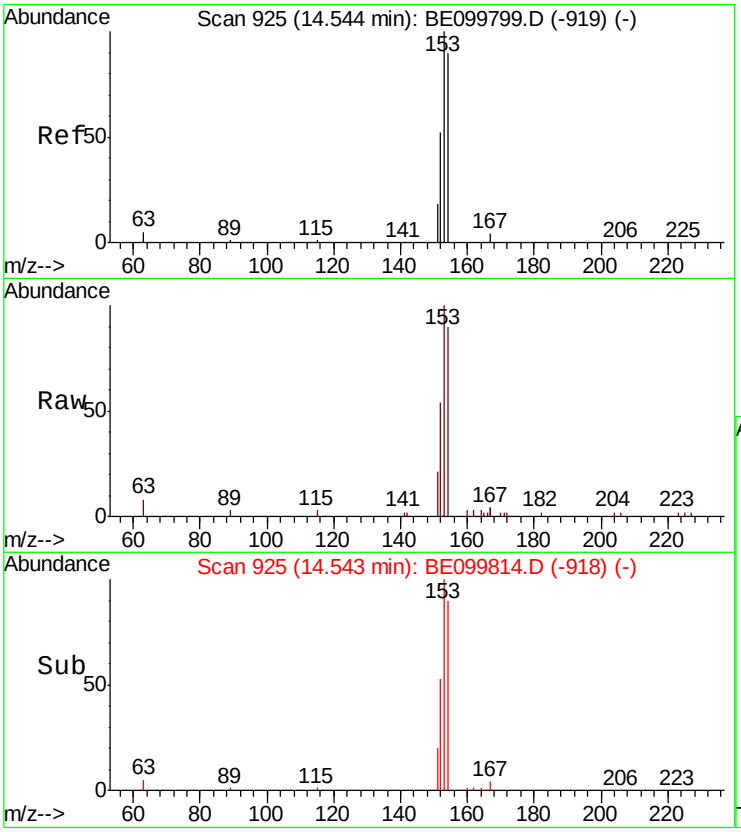


#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:152 Resp: 6351

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.4	10.8	16.2



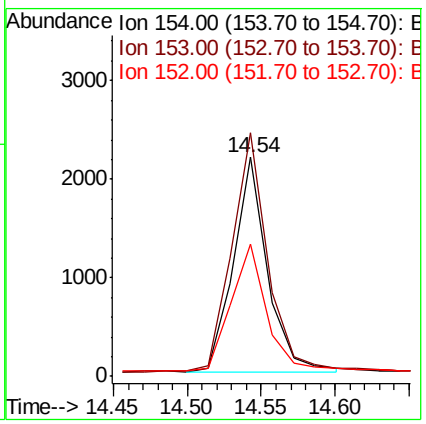


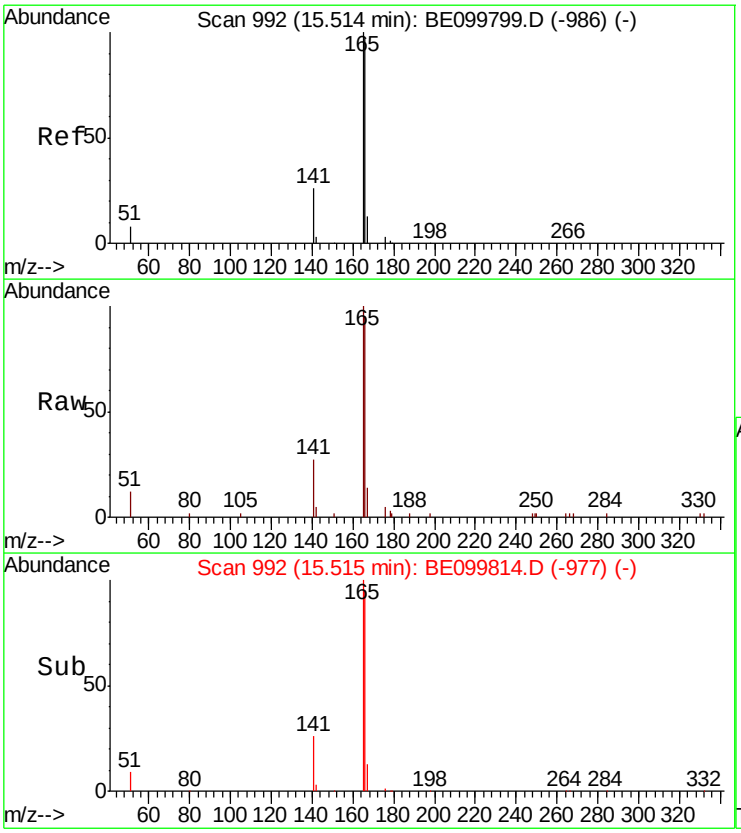
#17
Acenaphthene
Concen: 0.355 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3472

Ion	Ratio	Lower	Upper
154	100		
153	115.9	93.8	140.6
152	62.4	48.3	72.5

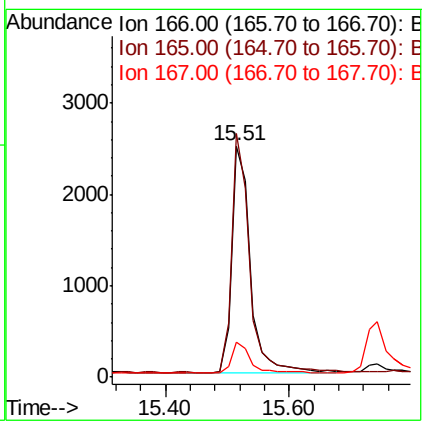


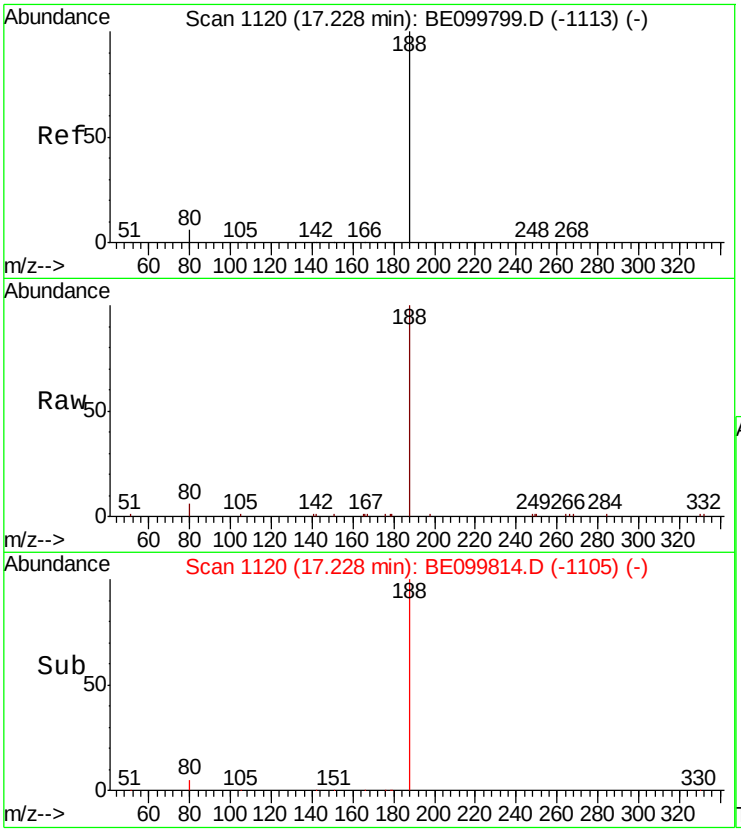


#18
Fluorene
Concen: 0.356 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:166 Resp: 5137

Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.4	120.6
167	13.3	10.7	16.1



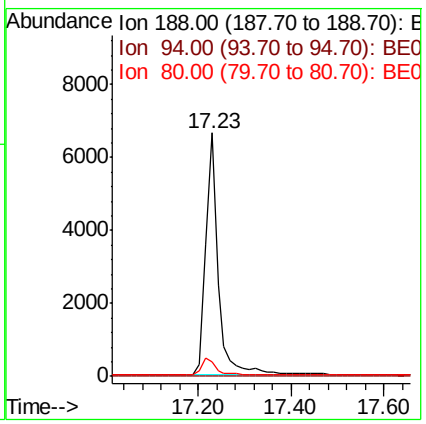


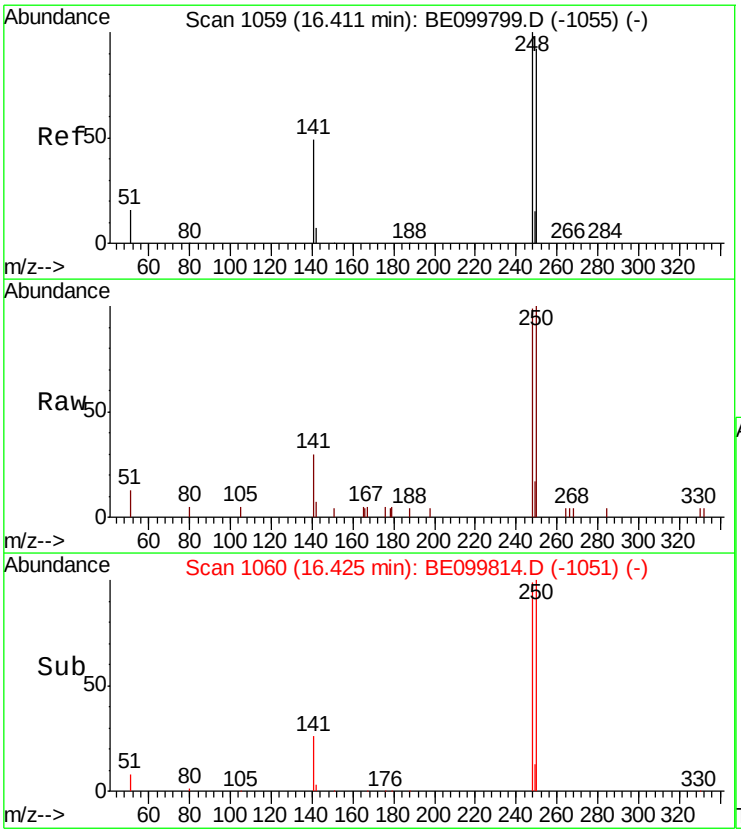
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 12426

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	5.2	7.8

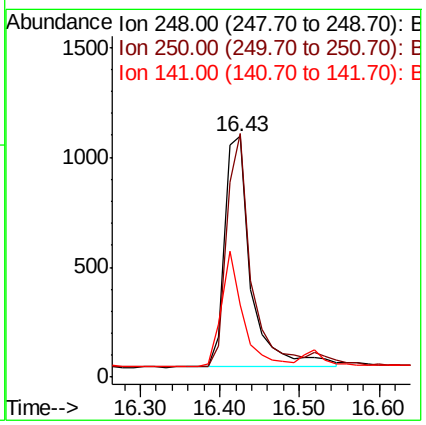


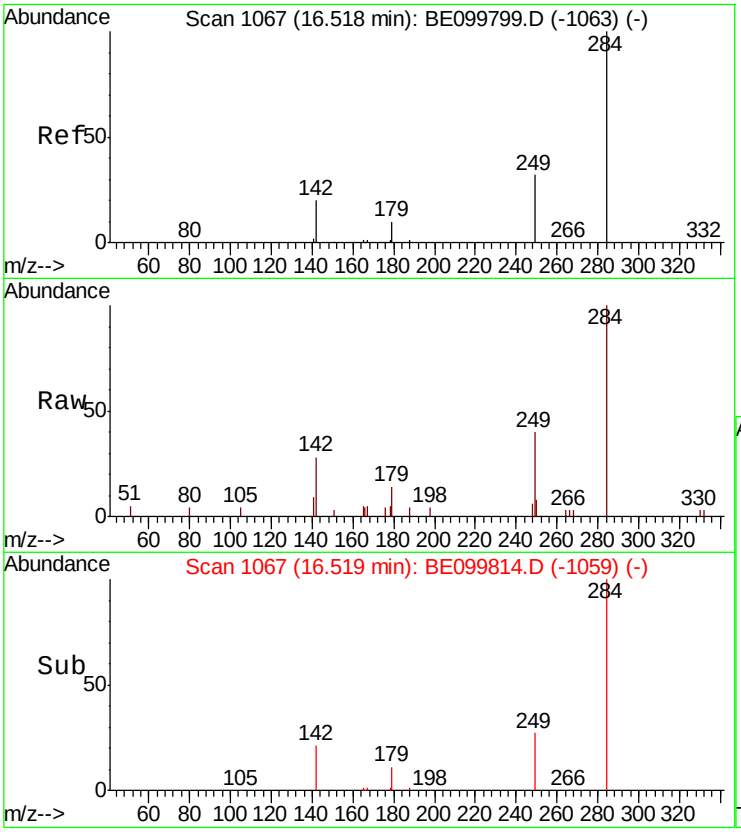


#20
4-Bromophenyl-phenylether
Concen: 0.351 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:248 Resp: 2435

Ion	Ratio	Lower	Upper
248	100		
250	101.2	73.7	110.5
141	30.0	40.9	61.3#



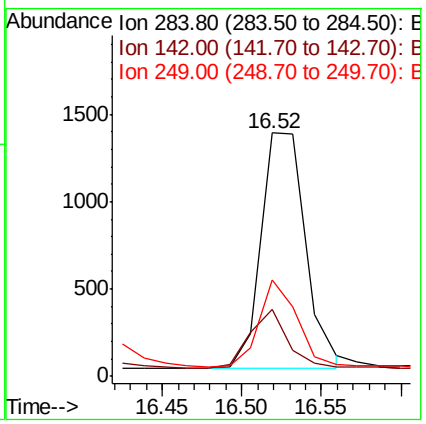


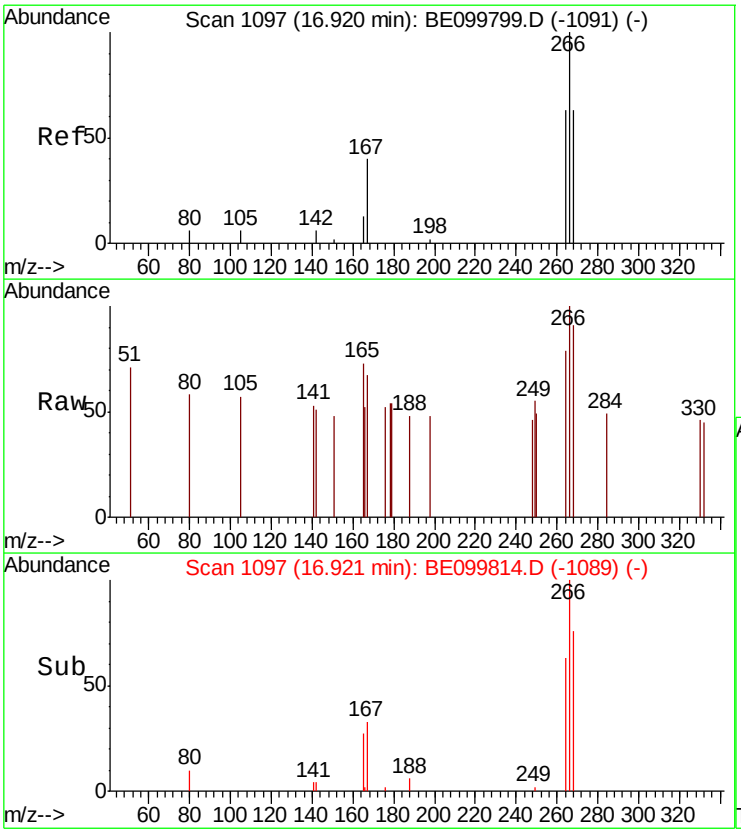
#21
Hexachlorobenzene
Concen: 0.345 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2624

Ion	Ratio	Lower	Upper
284	100		
142	21.6	16.2	24.4
249	31.6	23.1	34.7

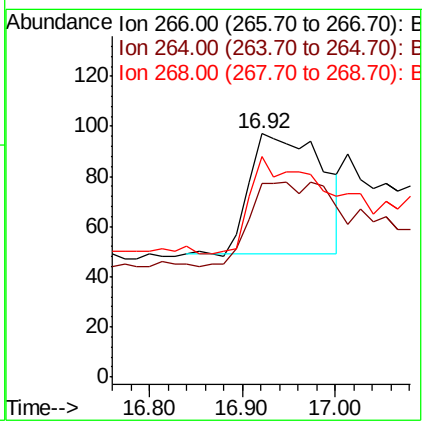


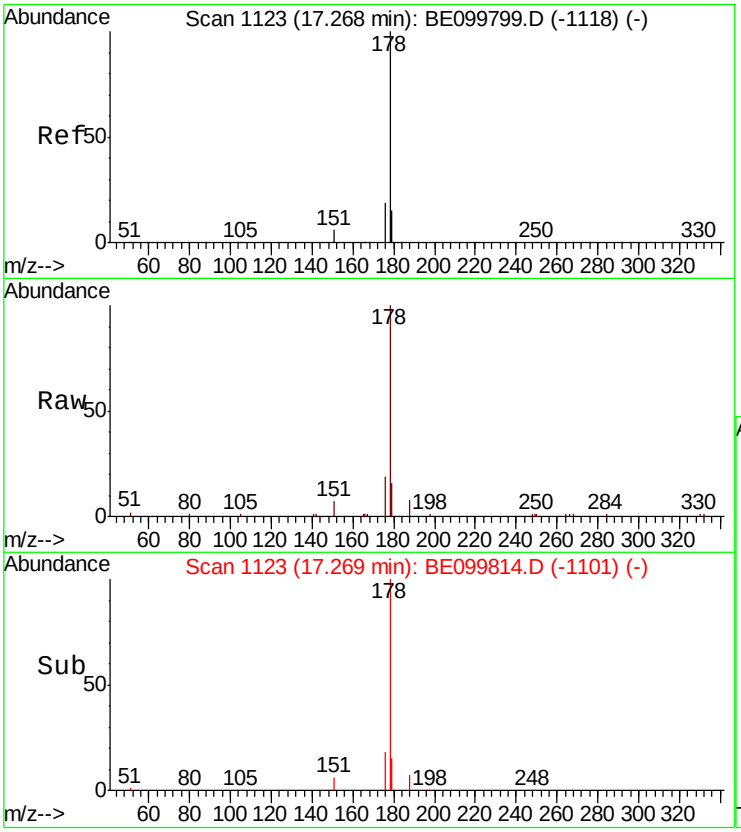


#22
Pentachlorophenol
Concen: 0.385 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:266 Resp: 263

Ion	Ratio	Lower	Upper
266	100		
264	79.4	64.9	97.3
268	90.7	64.0	96.0



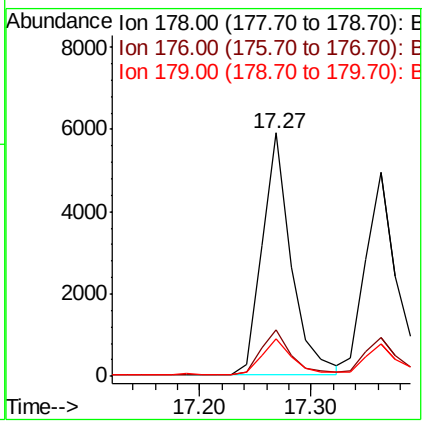


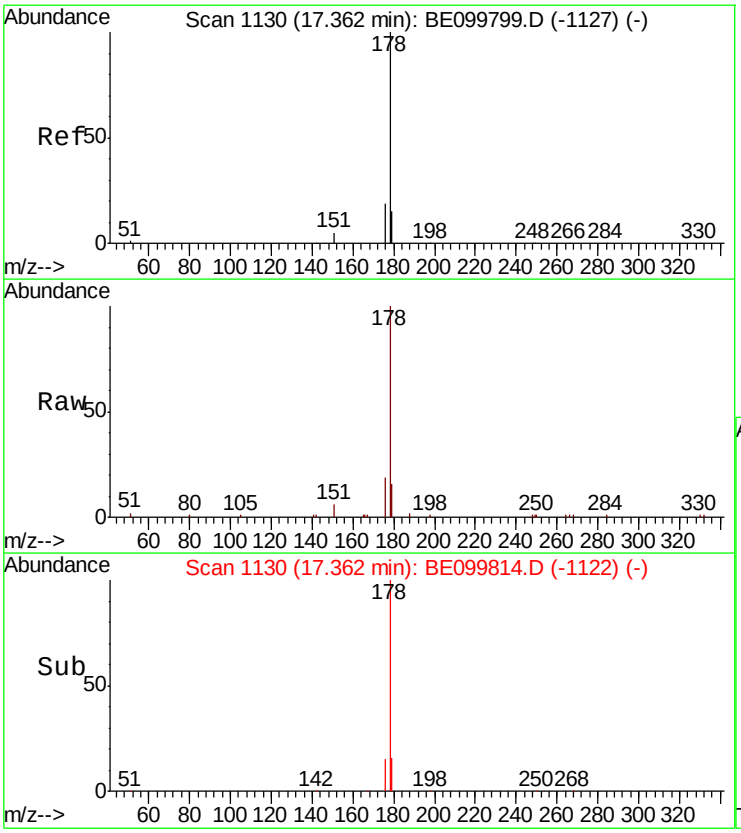
#23
Phenanthrene
Concen: 0.360 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 10683

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.4	12.5	18.7

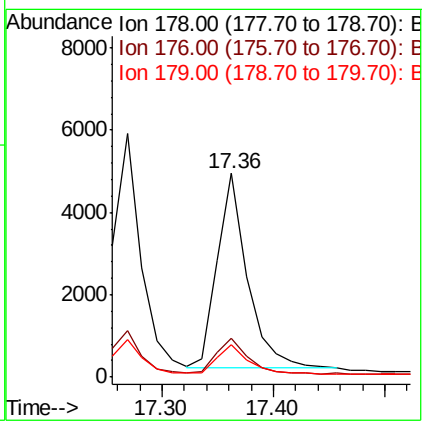


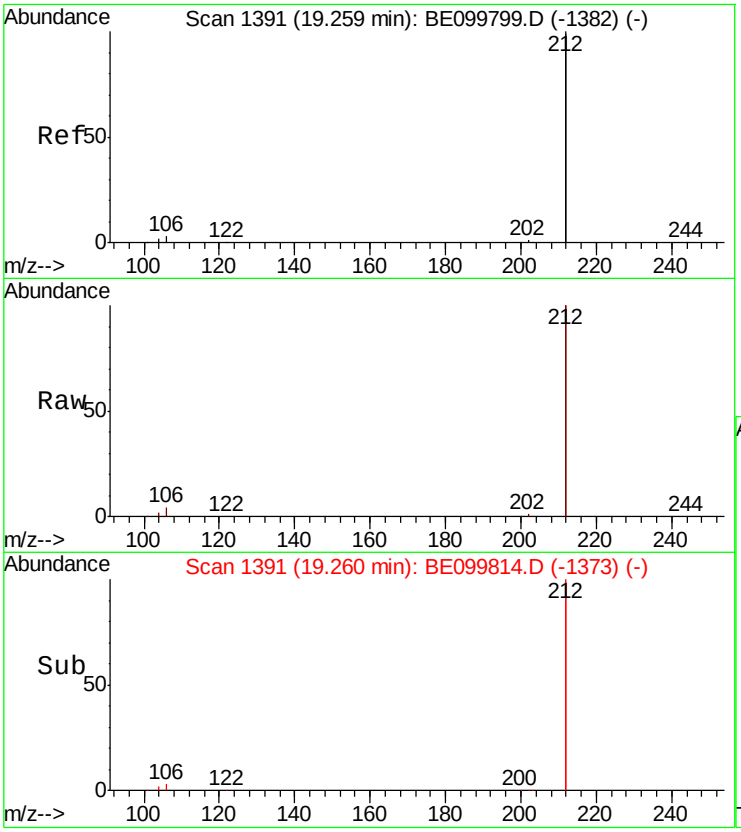


#24
Anthracene
Concen: 0.337 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:178 Resp: 9019

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.6	12.1	18.1



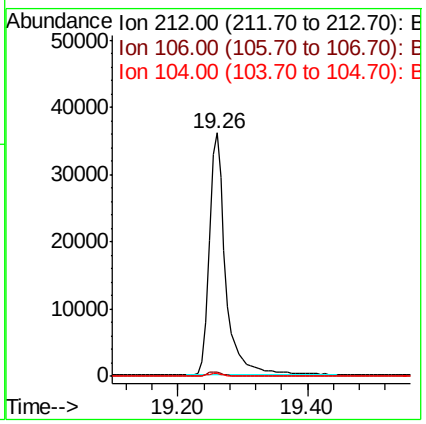


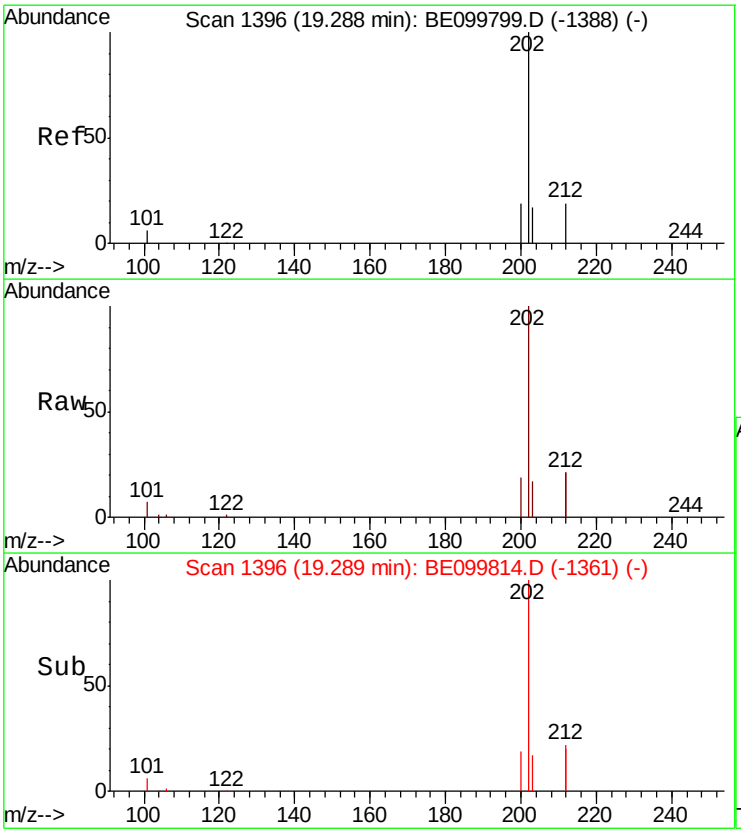
#25
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 64183

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

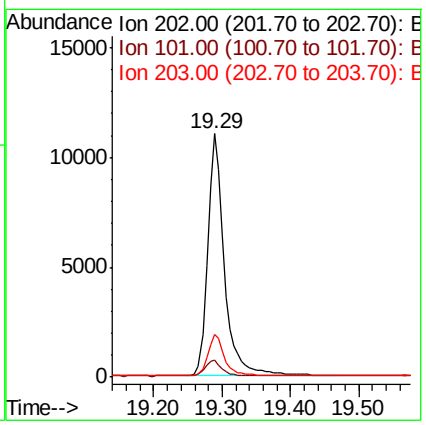


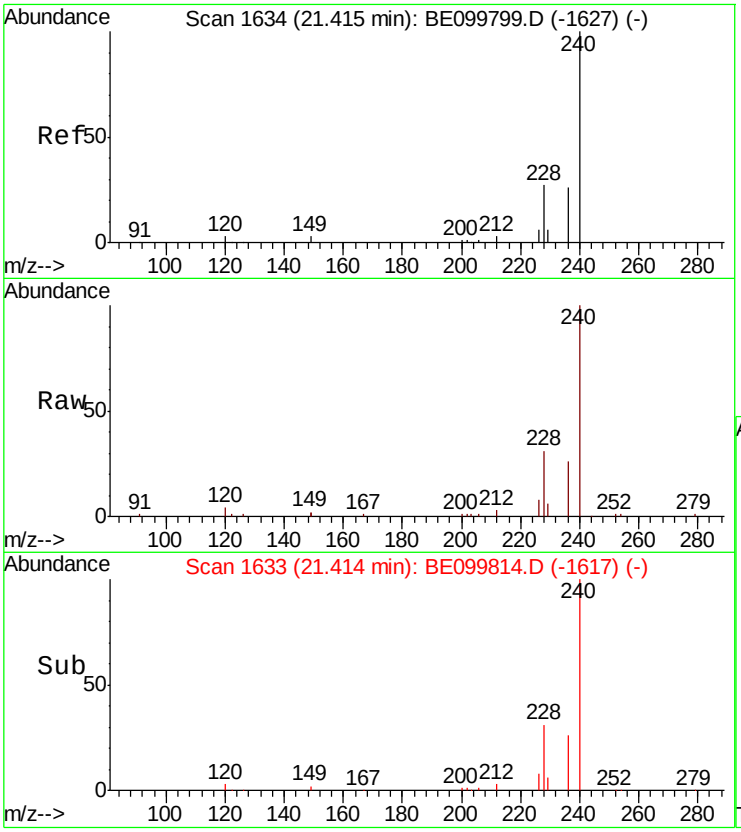


#26
Fluoranthene
Concen: 0.364 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:202 Resp: 18919

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
203	17.3	13.6	20.4



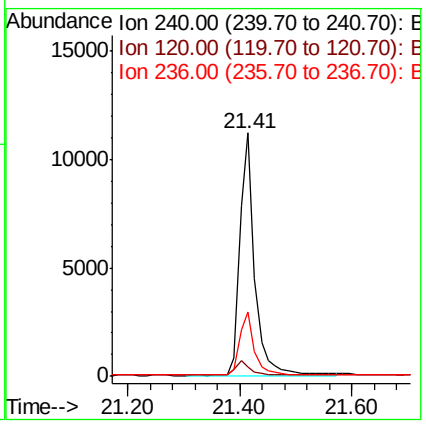


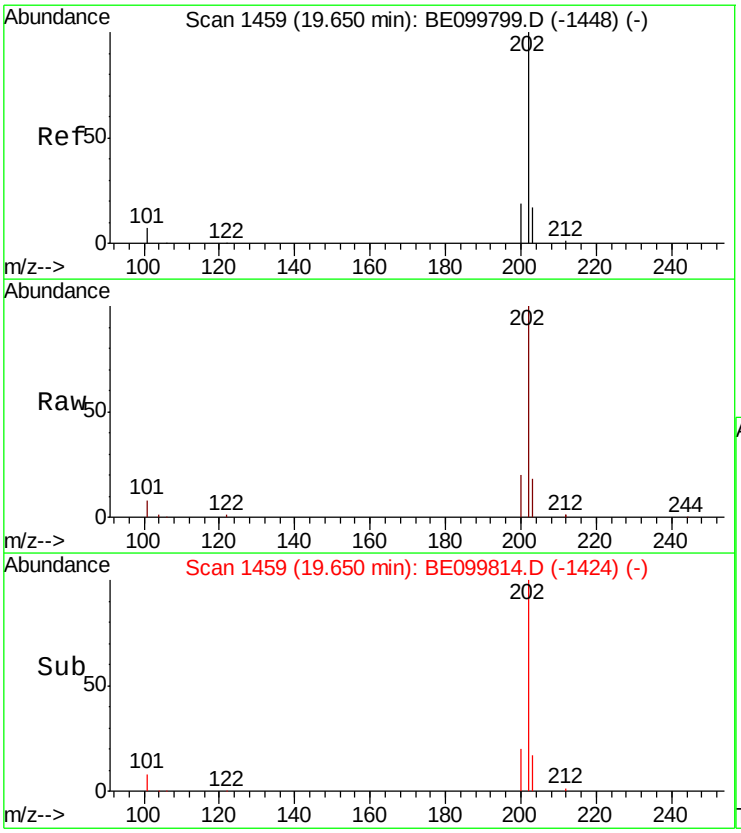
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 20374

Ion	Ratio	Lower	Upper
240	100		
120	3.8	2.8	4.2
236	26.4	20.9	31.3

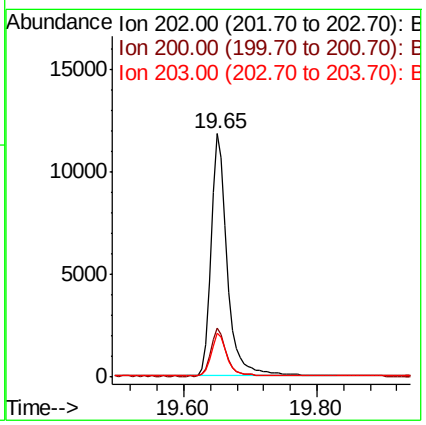


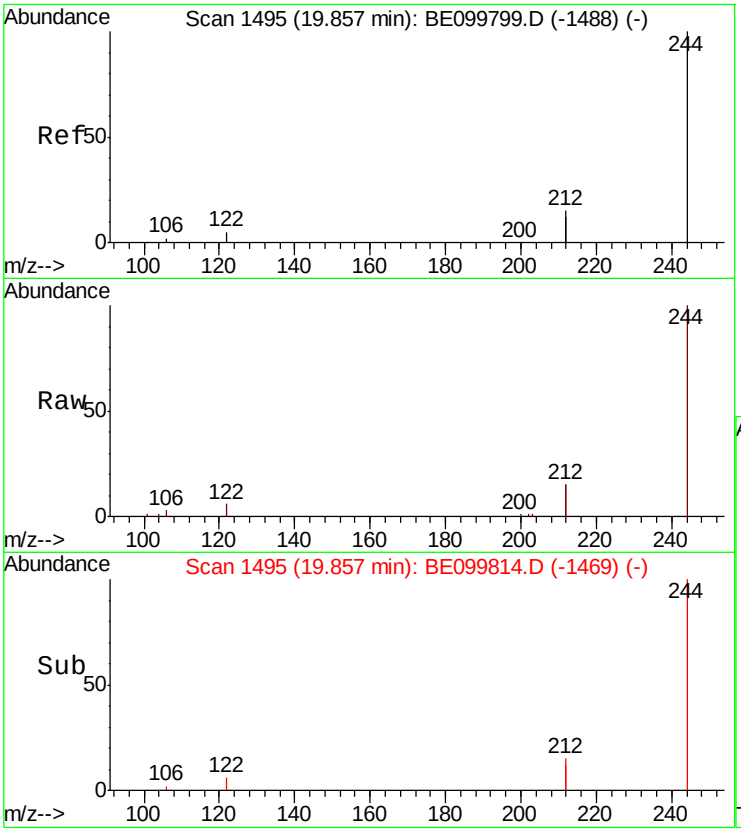


#28
Pyrene
Concen: 0.402 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:202 Resp: 19799

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.6	23.4
203	17.6	14.1	21.1



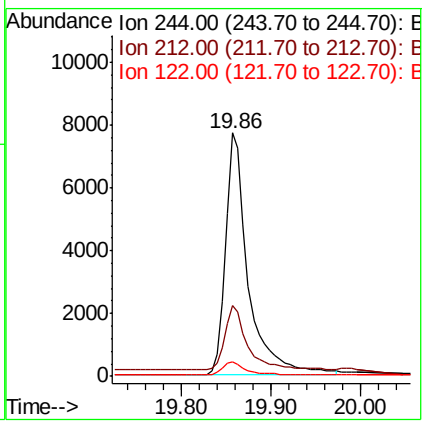


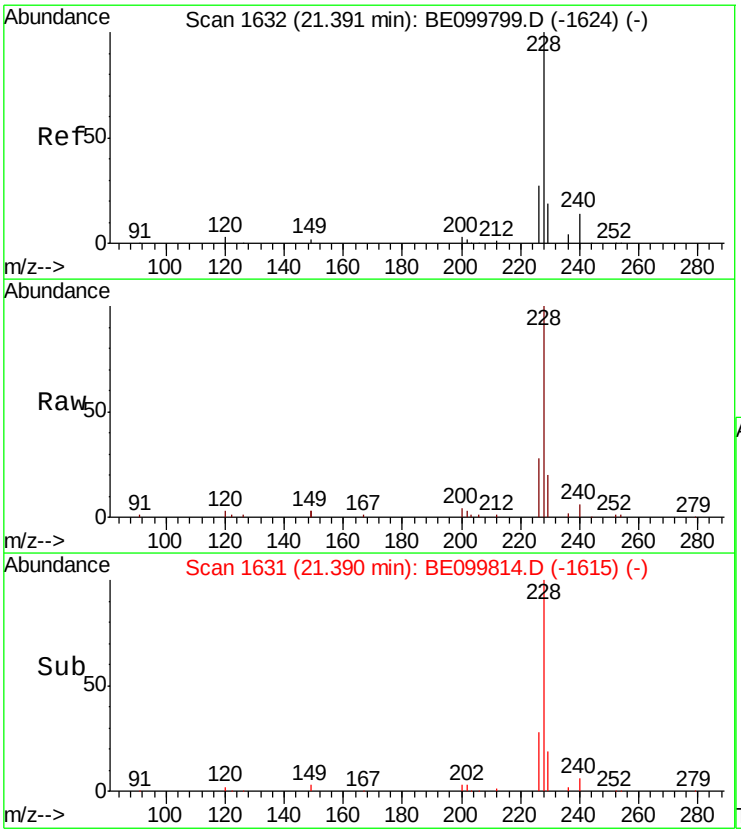
#29
Terphenyl-d14
Concen: 0.403 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 13449

Ion	Ratio	Lower	Upper
244	100		
212	29.2	23.7	35.5
122	6.2	4.8	7.2

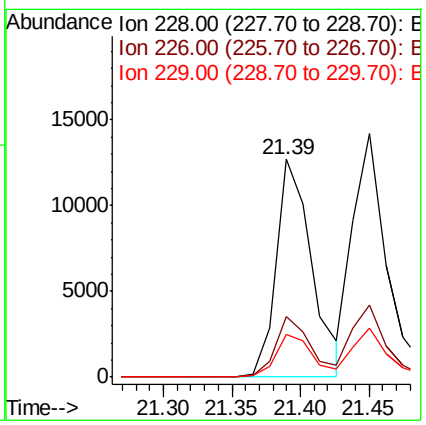


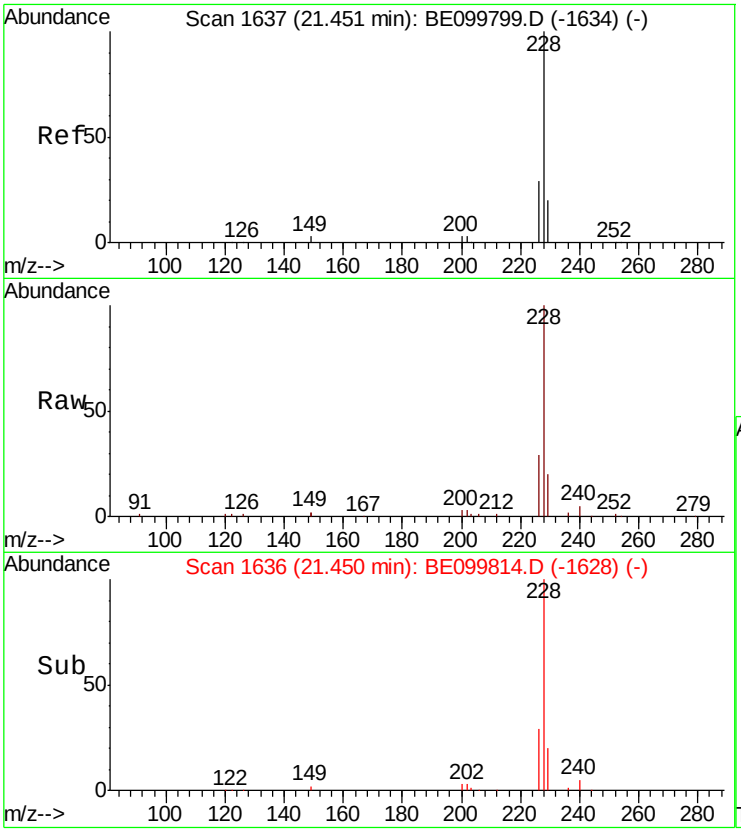


#30
Benzo(a)anthracene
Concen: 0.403 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:228 Resp: 22656

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.6	32.4
229	19.5	15.8	23.6



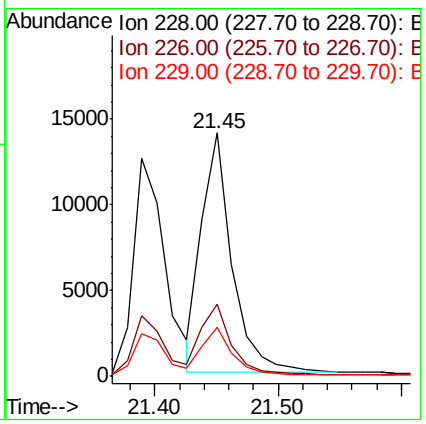


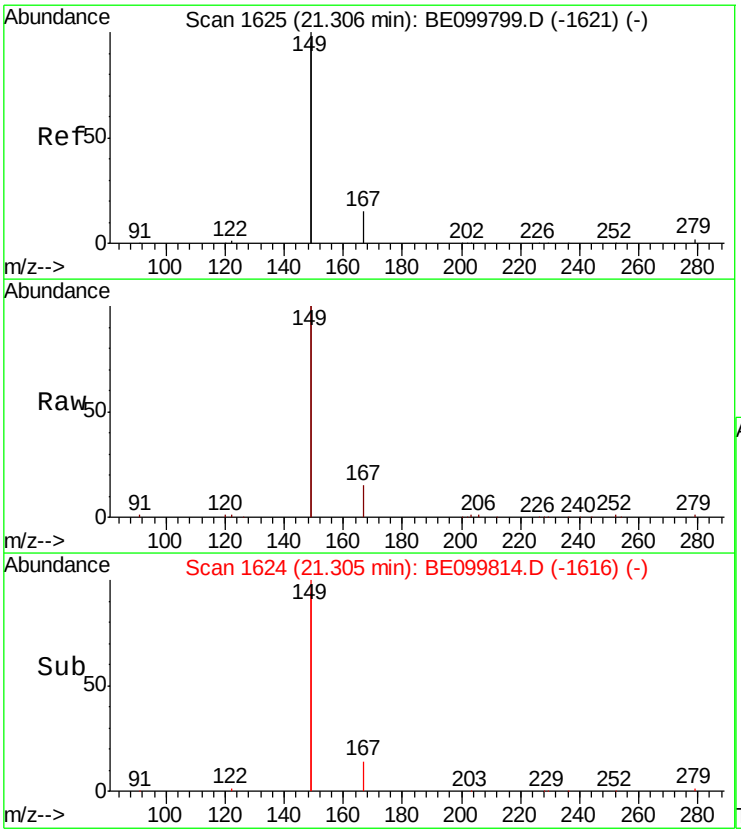
#31
Chrysene
Concen: 0.382 ng
RT: 21.45 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 23763

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.9	34.3
229	20.2	16.4	24.6

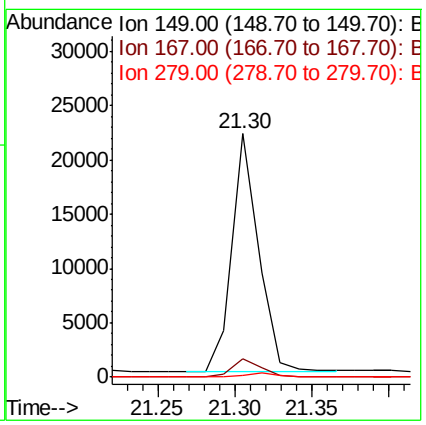


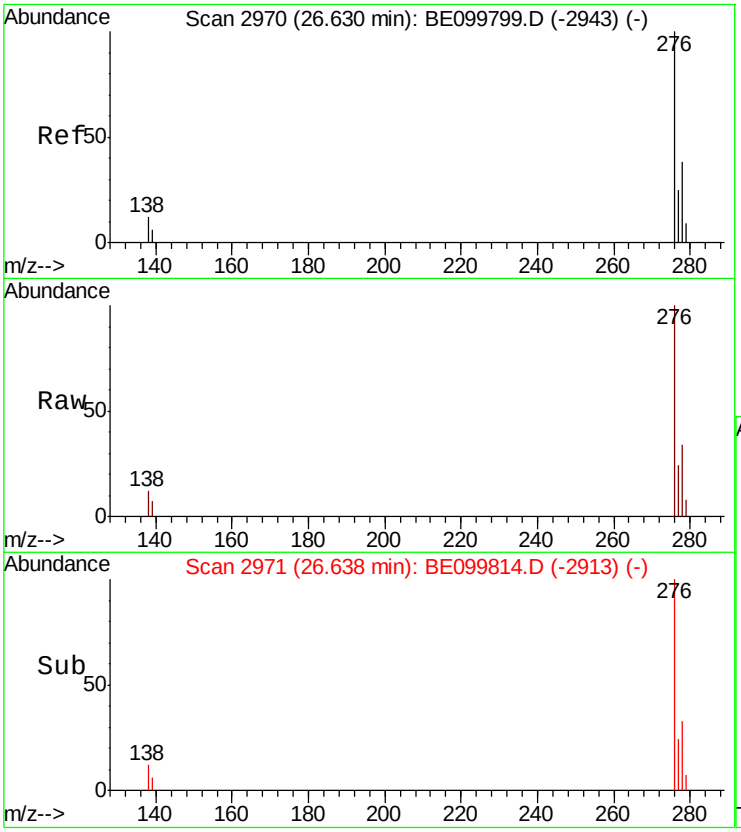


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.406 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:149 Resp: 26249

Ion	Ratio	Lower	Upper
149	100		
167	7.7	6.0	9.0
279	1.4	1.2	1.8



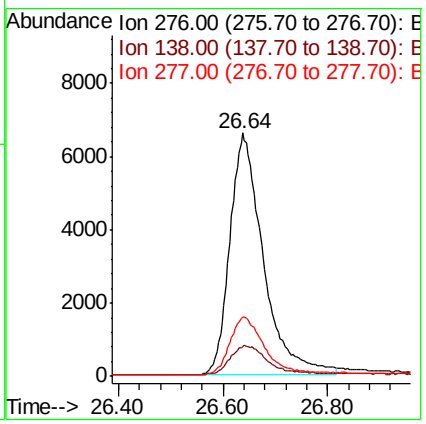


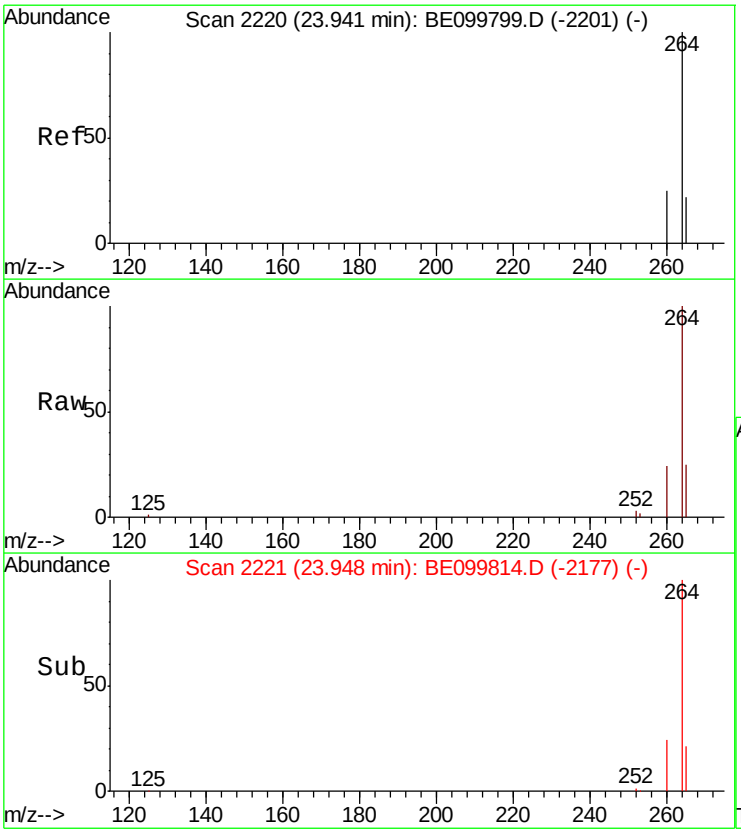
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng
RT: 26.64 min Scan# 2971
Delta R.T. 0.01 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 29374

Ion	Ratio	Lower	Upper
276	100		
138	12.9	10.3	15.5
277	23.5	19.4	29.2

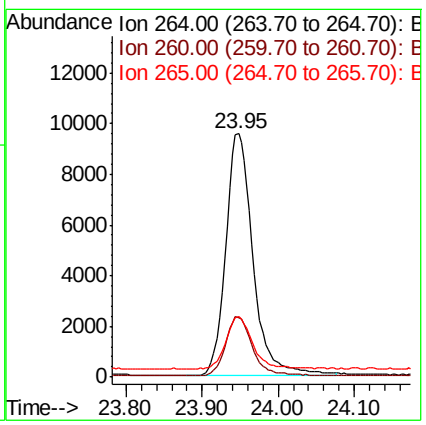


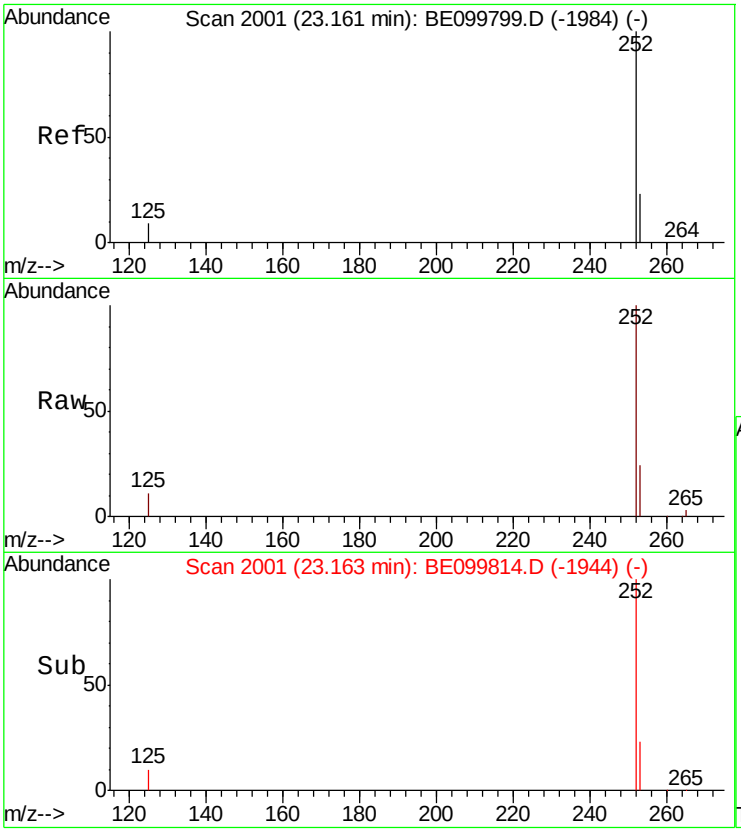


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:264 Resp: 23914

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	24.9	20.7	31.1



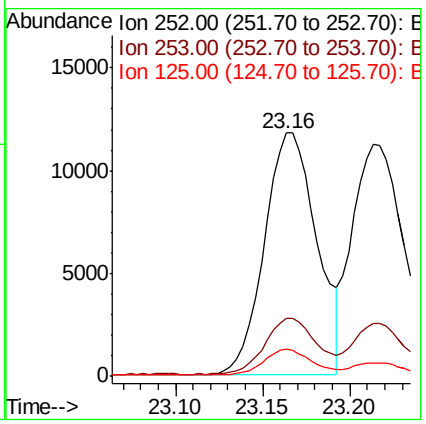


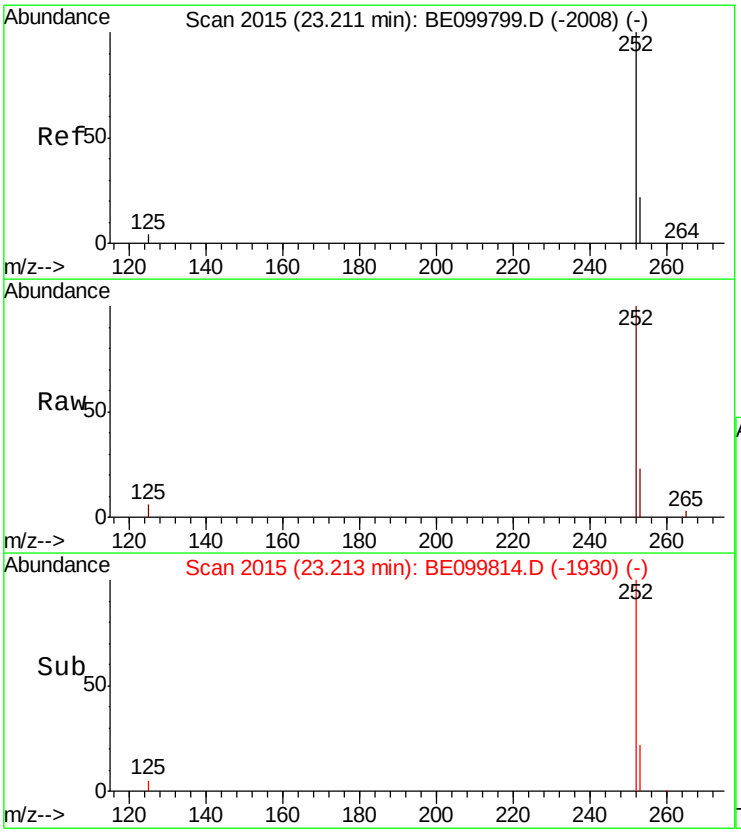
#35
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 23.16 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 24525

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	11.0	7.6	11.4

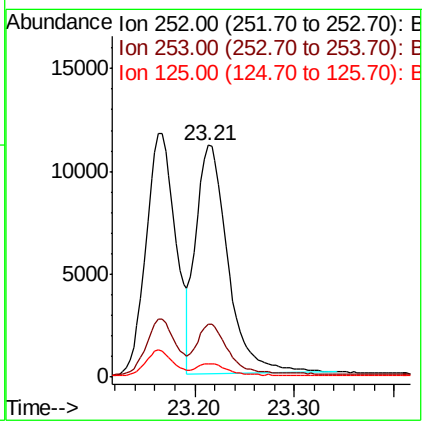


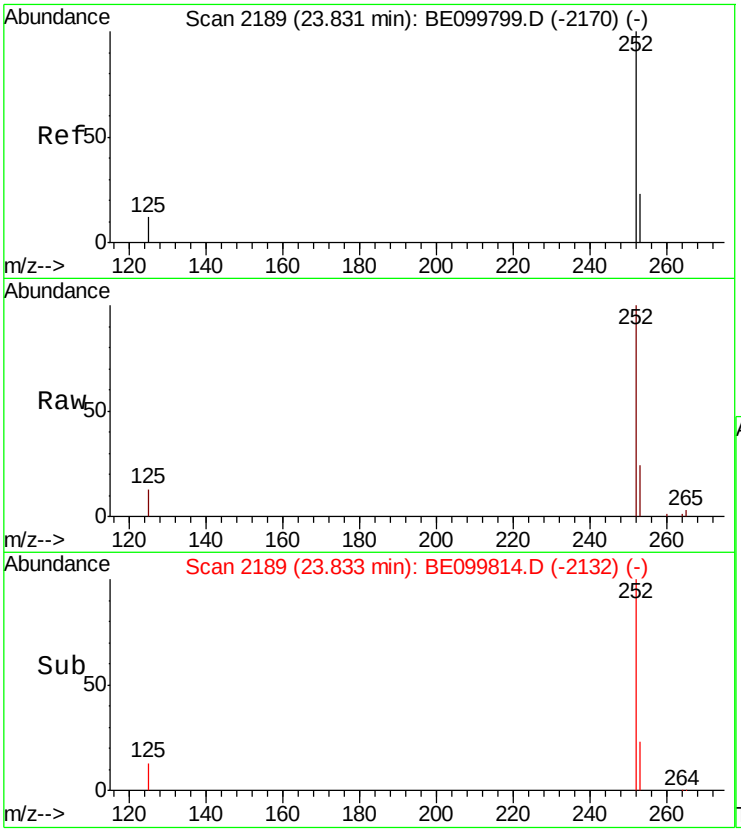


#36
Benzo(k)fluoranthene
Concen: 0.355 ng
RT: 23.21 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:252 Resp: 24950

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	5.9	4.6	7.0



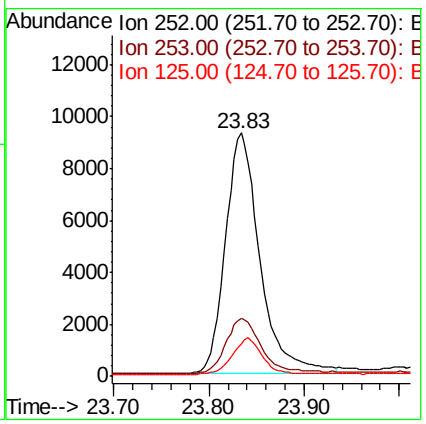


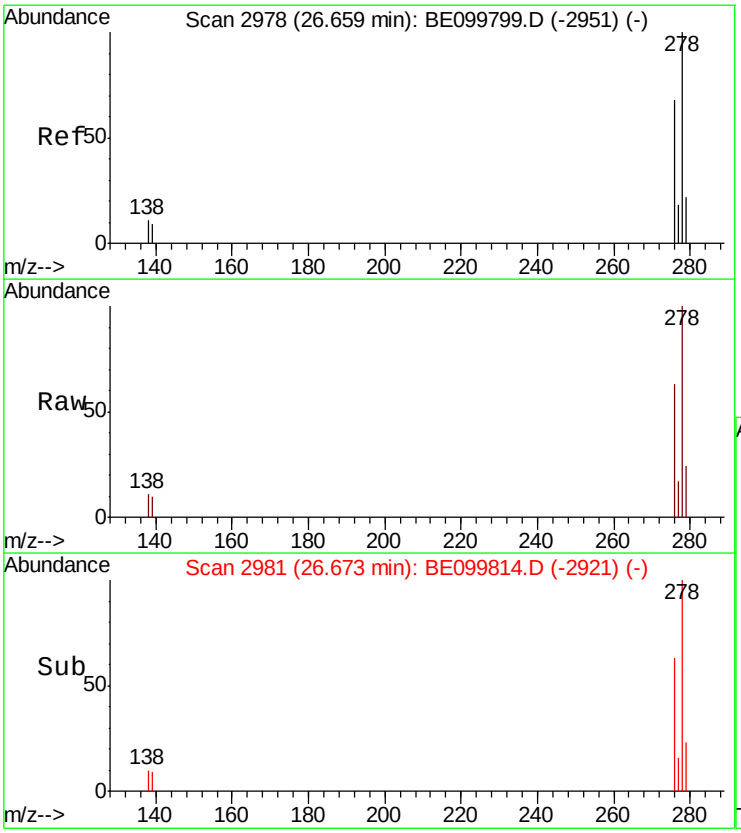
#37
Benzo(a)pyrene
Concen: 0.365 ng
RT: 23.83 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23451

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.3	28.9
125	13.3	10.2	15.4

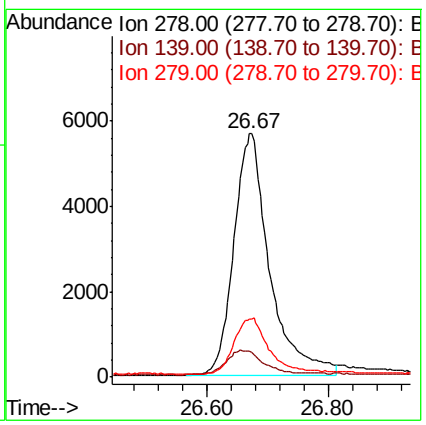


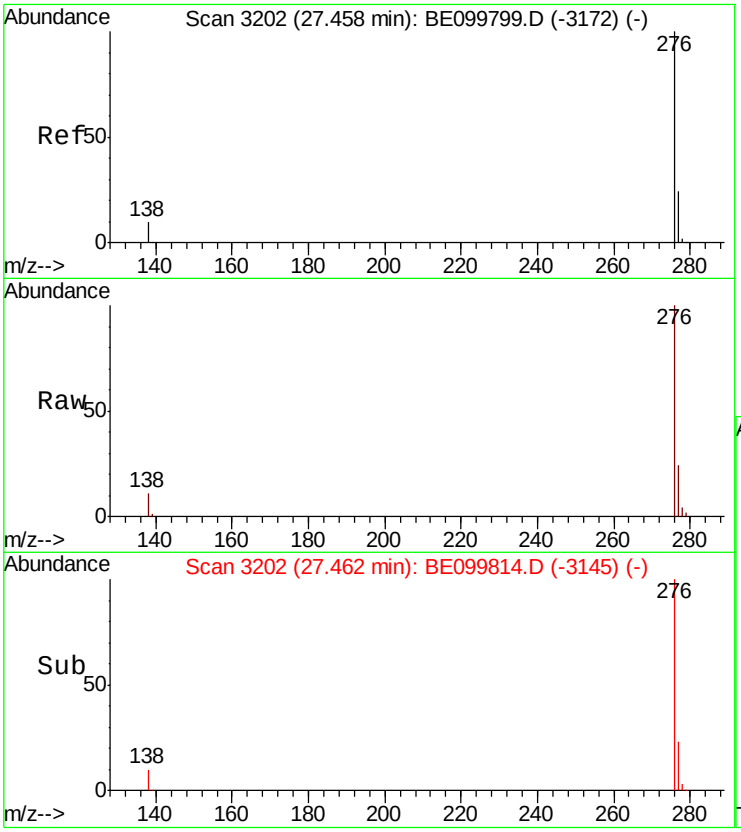


#38
Dibenzo(a,h)anthracene
Concen: 0.354 ng
RT: 26.67 min Scan# 2981
Delta R.T. 0.01 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Tgt Ion:278 Resp: 23093

Ion	Ratio	Lower	Upper
278	100		
139	10.3	7.9	11.9
279	23.8	18.5	27.7





#39
Benzo(g,h,i)perylene
Concen: 0.354 ng
RT: 27.46 min Scan# 3202
Delta R.T. 0.00 min
Lab File: BE099814.D
Acq: 6 Jun 2019 8:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 24251

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	11.3	9.0	13.4