Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040319\
Data File : BE099291.D
Acq On : 3 Apr 2019 14:59
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Apr 04 03:43:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3537	0.40	ng		-0.02
7) Naphthalene-d8	10.61	136	13195	0.40	ng		-0.01
13) Acenaphthene-d10	14.46	164	8681	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	26000	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	36623	0.40	ng		-0.02
34) Perylene-d12	23.86	264	38314	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3777	0.40	ng		-0.02
5) Phenol-d6	6.98	99	5013	0.39	ng		-0.01
8) Nitrobenzene-d5	8.96	82	3811	0.42	ng		-0.03
11) 2-Methylnaphthalene-d10	12.21	152	9630	0.42	ng		-0.02
14) 2,4,6-Tribromophenol	15.94	330	1513	0.38	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	15304	0.45	ng		-0.02
25) Fluoranthene-d10	19.22	212	136825	0.40	ng		-0.02
29) Terphenyl-d14	19.82	244	29032	0.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	2052	0.426	ng	#	96
3) n-Nitrosodimethylamine	3.65	42	926	0.325	ng	#	87
6) bis(2-Chloroethyl)ether	7.24	93	4820	0.416	ng		99
9) Naphthalene	10.65	128	61956	0.432	ng		99
10) Hexachlorobutadiene	10.94	225	3861	0.414	ng		97
12) 2-Methylnaphthalene	12.28	142	10224	0.419	ng		99
16) Acenaphthylene	14.18	152	16316	0.397	ng		99
17) Acenaphthene	14.53	154	10540	0.434	ng		98
18) Fluorene	15.49	166	14874	0.424	ng		98
20) 4-Bromophenyl-phenylether	16.38	248	6082	0.412	ng	#	82
21) Hexachlorobenzene	16.49	284	6031	0.429	ng		99
22) Pentachlorophenol	16.84	266	2542	0.436	ng		88
23) Phenanthrene	17.23	178	28774	0.428	ng		100
24) Anthracene	17.32	178	25087	0.395	ng		99
26) Fluoranthene	19.25	202	40300	0.406	ng		99
28) Pyrene	19.61	202	41198	0.426	ng		100
30) Benzo(a)anthracene	21.34	228	46651	0.405	ng		99
31) Chrysene	21.40	228	48163	0.426	ng		97
32) Bis(2-ethylhexyl)phthalate	21.27	149	40273	0.274	ng		100
33) Indeno(1,2,3-cd)pyrene	26.50	276	54396	0.421	ng		98
35) Benzo(b)fluoranthene	23.14	252	48211	0.422	ng		99
36) Benzo(k)fluoranthene	23.14	252	48211	0.433	ng		99
37) Benzo(a)pyrene	23.75	252	43547	0.405	ng	#	98
38) Dibenzo(a,h)anthracene	26.53	278	45100	0.422	ng		98
39) Benzo(g,h,i)perylene	27.31	276	44512	0.418	ng		99

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

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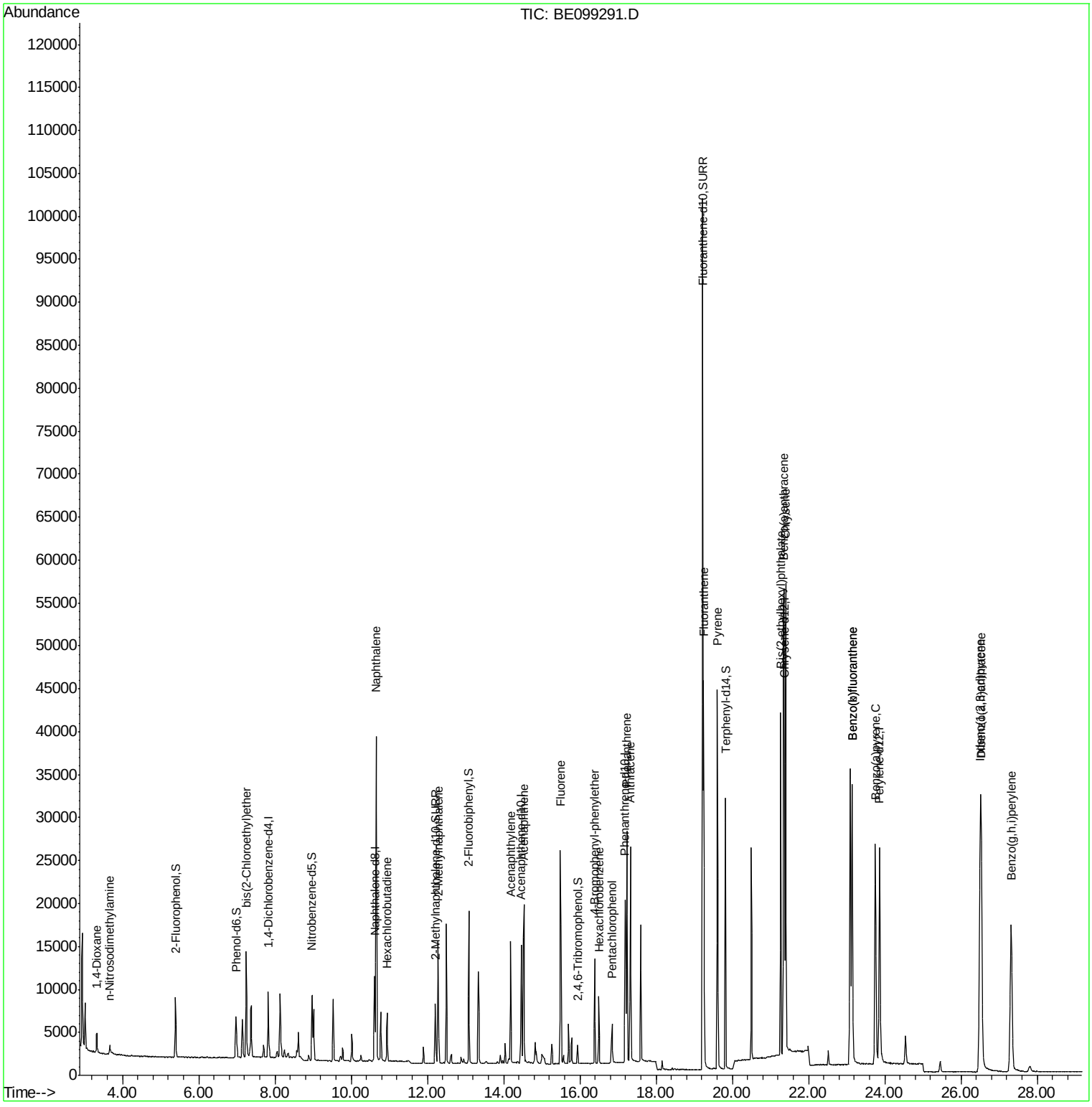
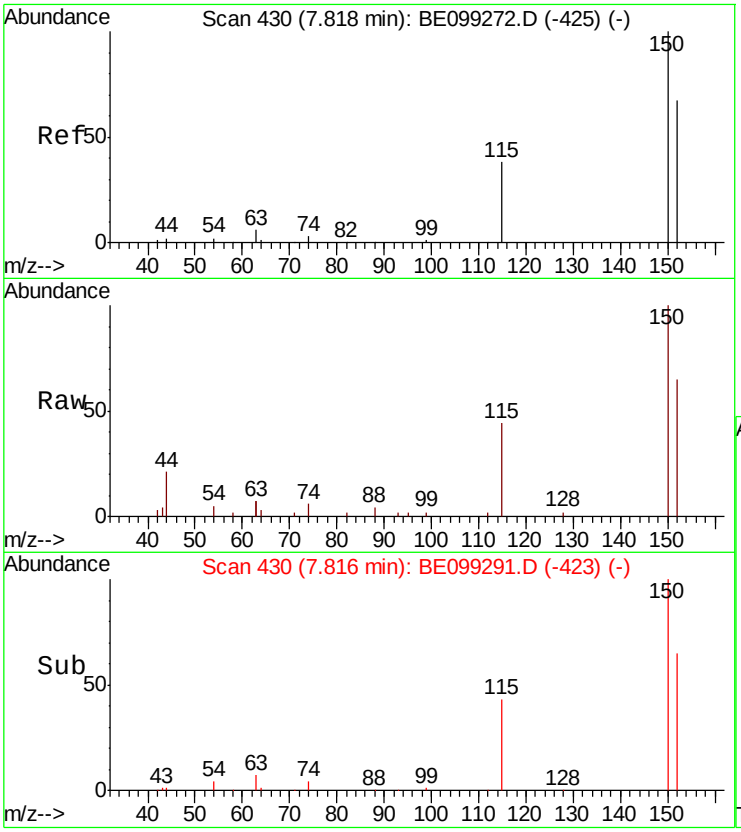
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Apr 04 03:43:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration



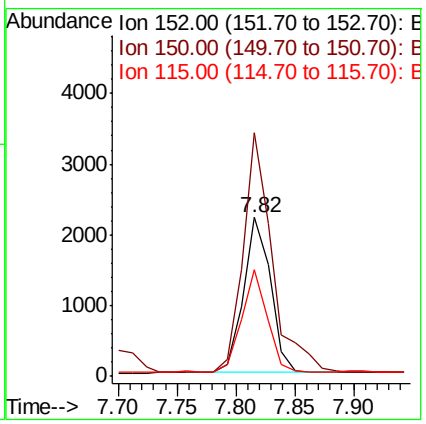


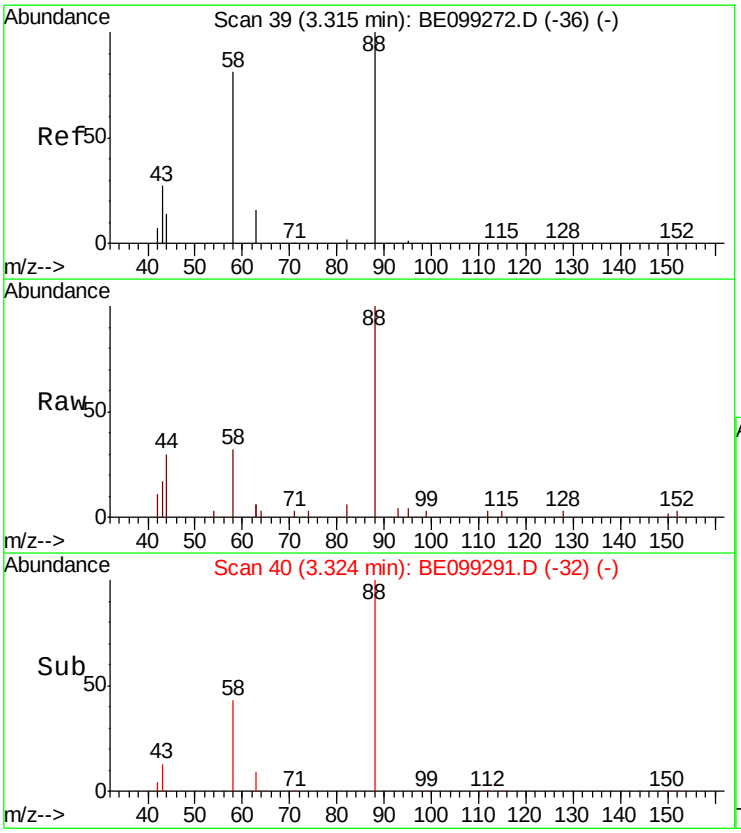
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3537

Ion	Ratio	Lower	Upper
152	100		
150	153.2	112.8	169.2
115	67.5	45.1	67.7

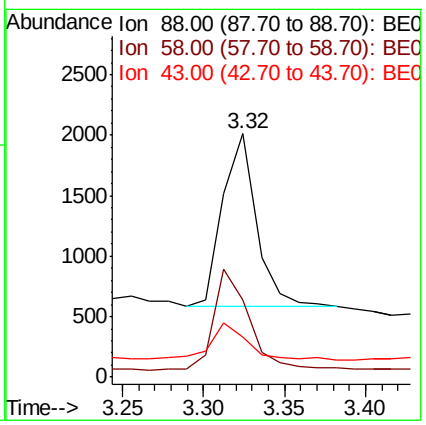


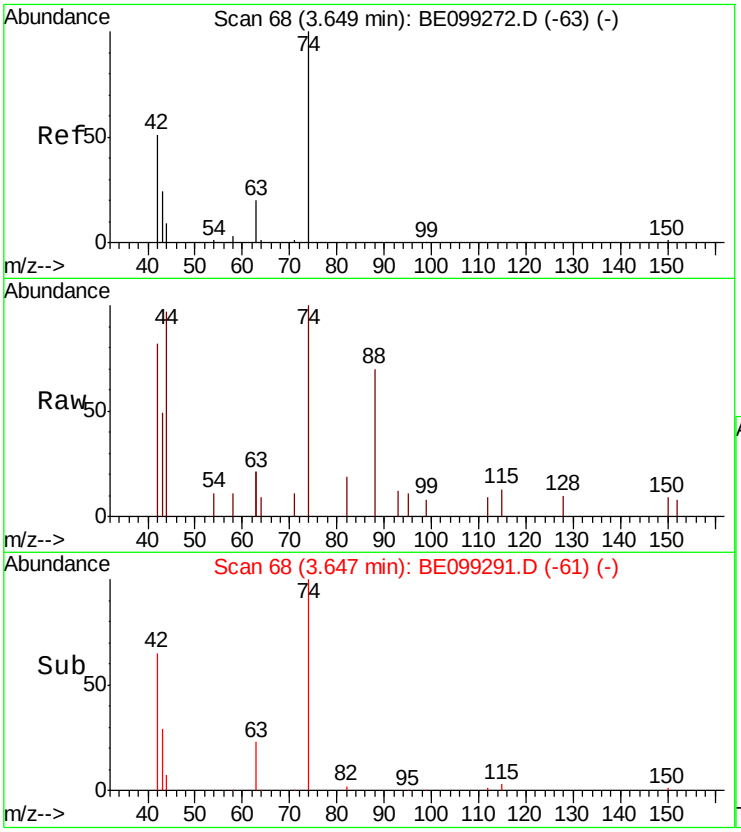


#2
1,4-Dioxane
Concen: 0.426 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion: 88 Resp: 2052

Ion	Ratio	Lower	Upper
88	100		
58	60.6	47.4	71.0
43	23.7	15.6	23.4#



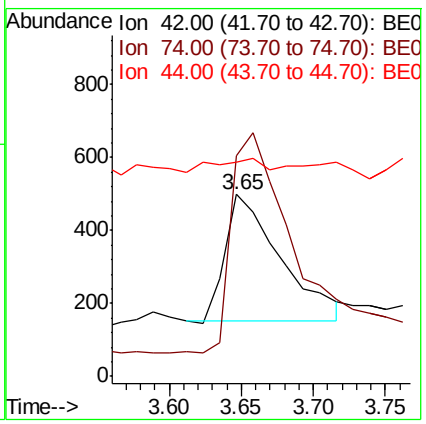


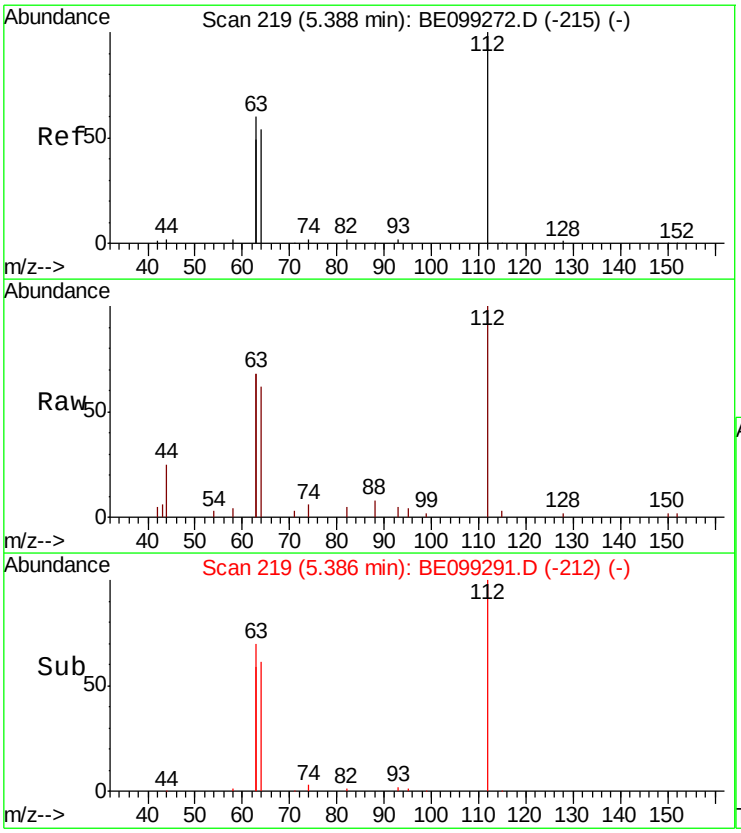
#3
n-Nitrosodimethylamine
Concen: 0.325 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 926

Ion	Ratio	Lower	Upper
42	100		
74	189.7	138.6	207.8
44	10.3	15.0	22.6#

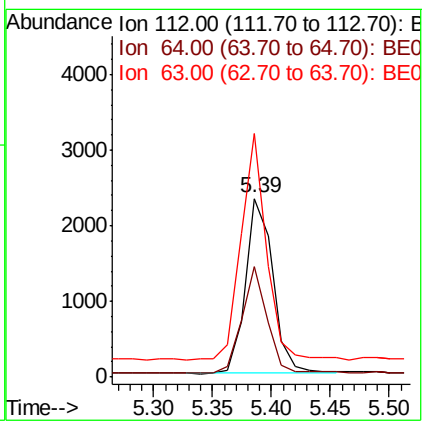


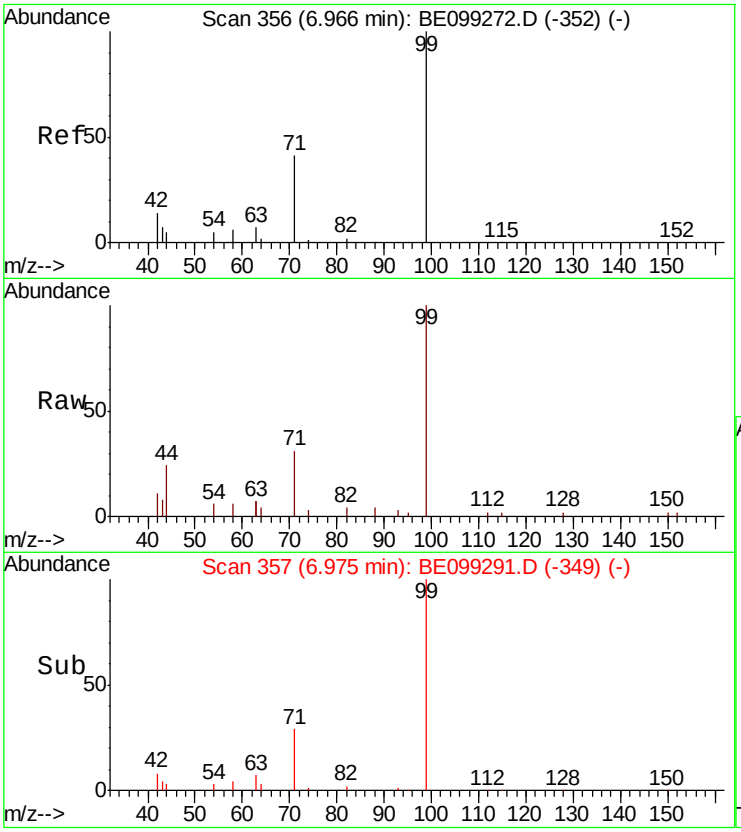


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:112 Resp: 3777

Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.2	69.2
63	118.9	89.9	134.9



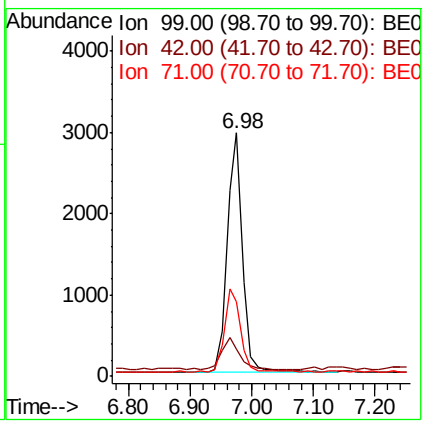


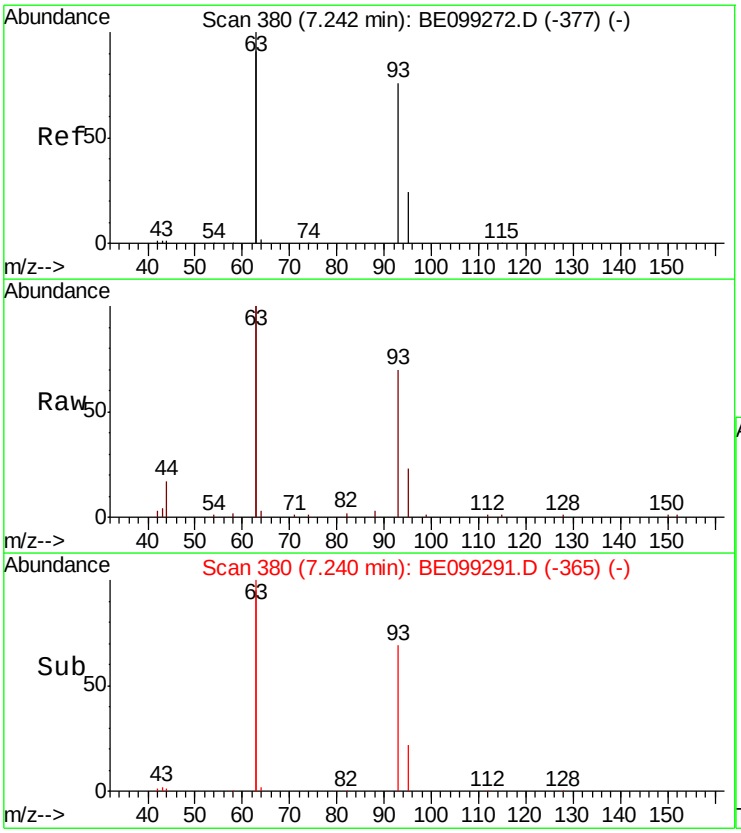
#5
Phenol-d6
Concen: 0.388 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5013

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.4	18.6
71	37.0	28.4	42.6

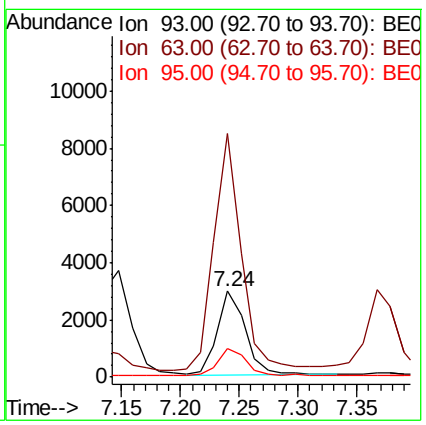


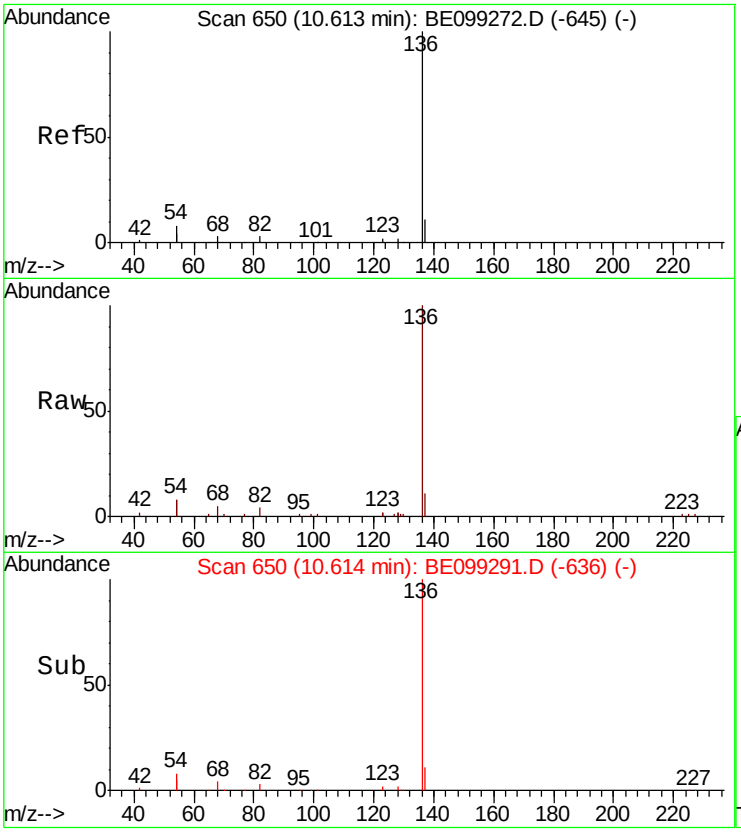


#6
bis(2-Chloroethyl)ether
Concen: 0.416 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion: 93 Resp: 4820

Ion	Ratio	Lower	Upper
93	100		
63	275.5	221.4	332.0
95	32.9	25.8	38.8



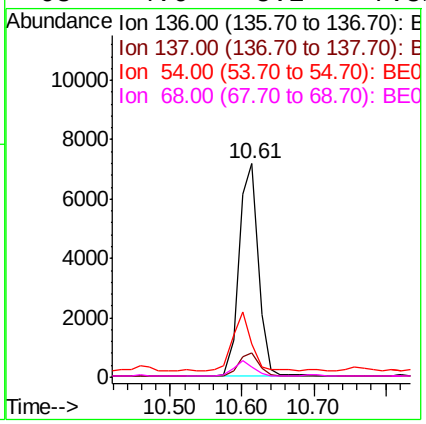


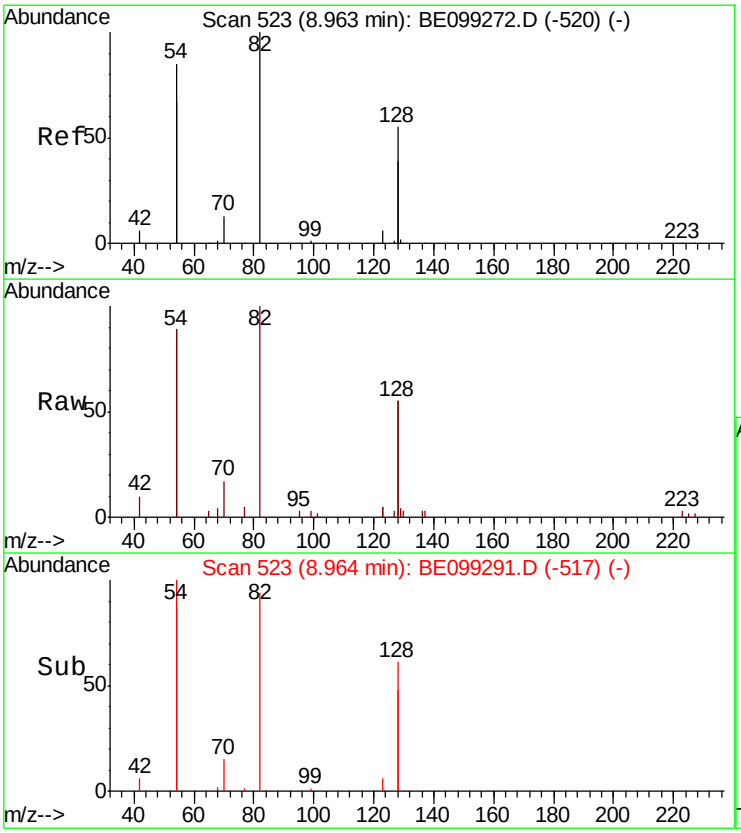
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.01 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 13195

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	15.7	18.7	28.1#
68	4.6	5.2	7.8#

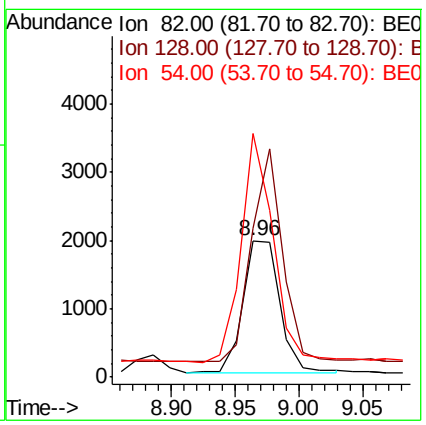


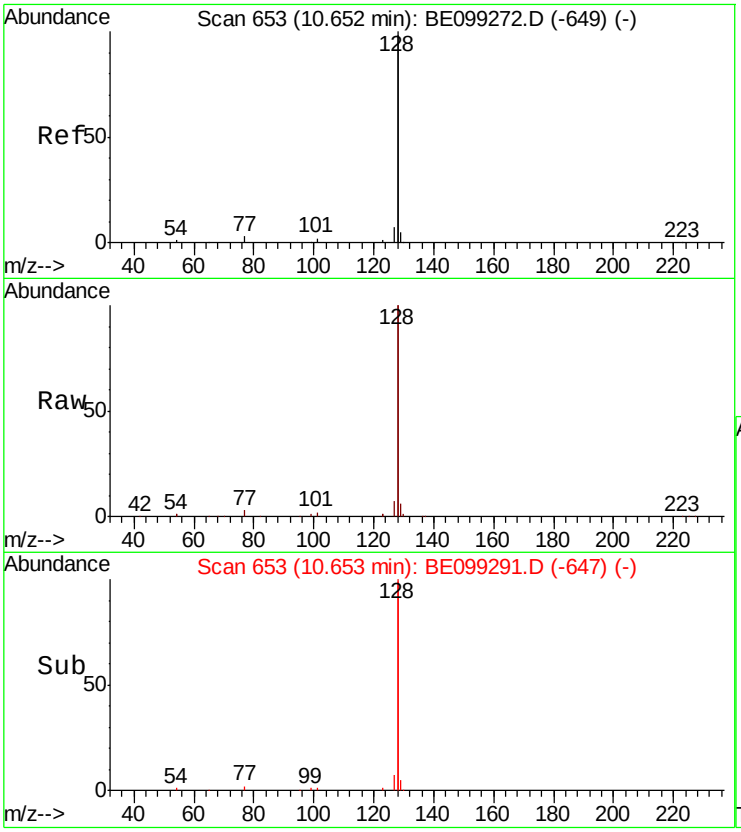


#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion: 82 Resp: 3811

Ion	Ratio	Lower	Upper
82	100		
128	109.5	107.5	161.3
54	178.6	106.3	159.5#



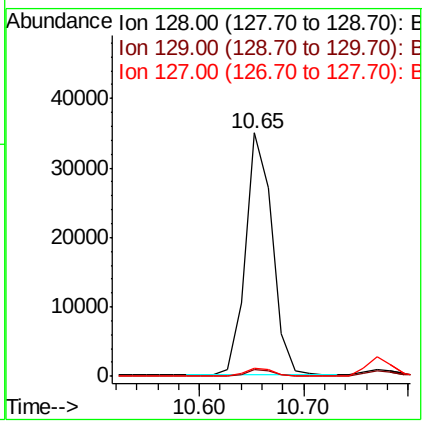


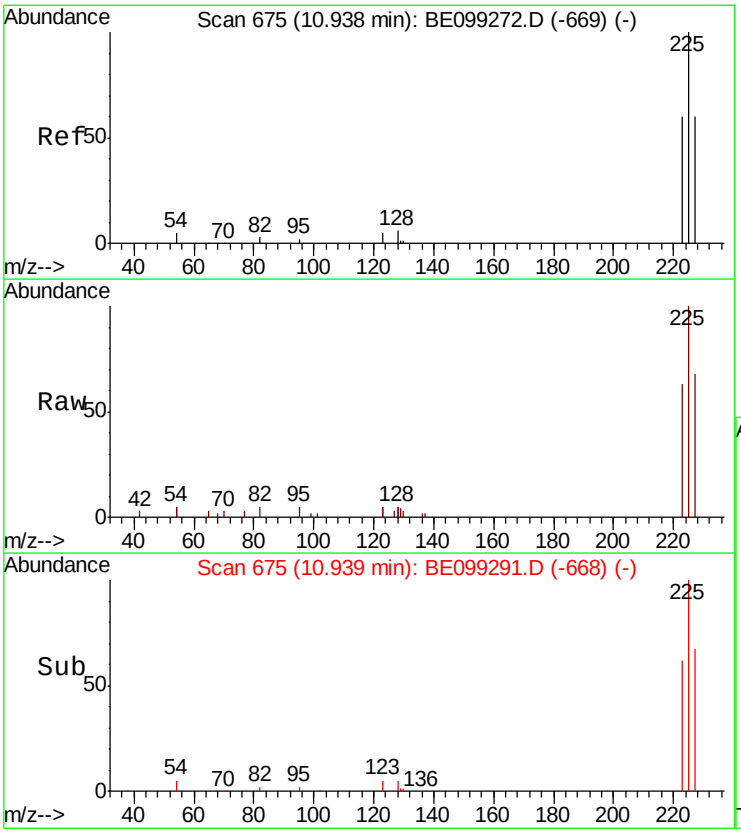
#9
Naphthalene
Concen: 0.432 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 61956

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.5	2.6	3.8

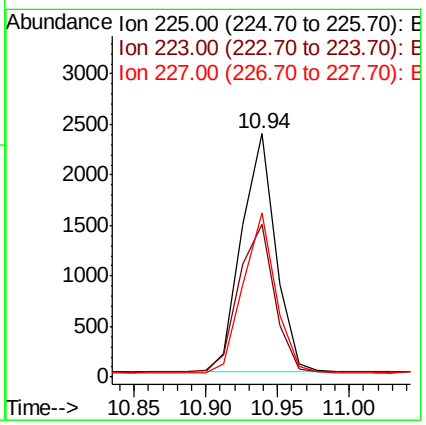


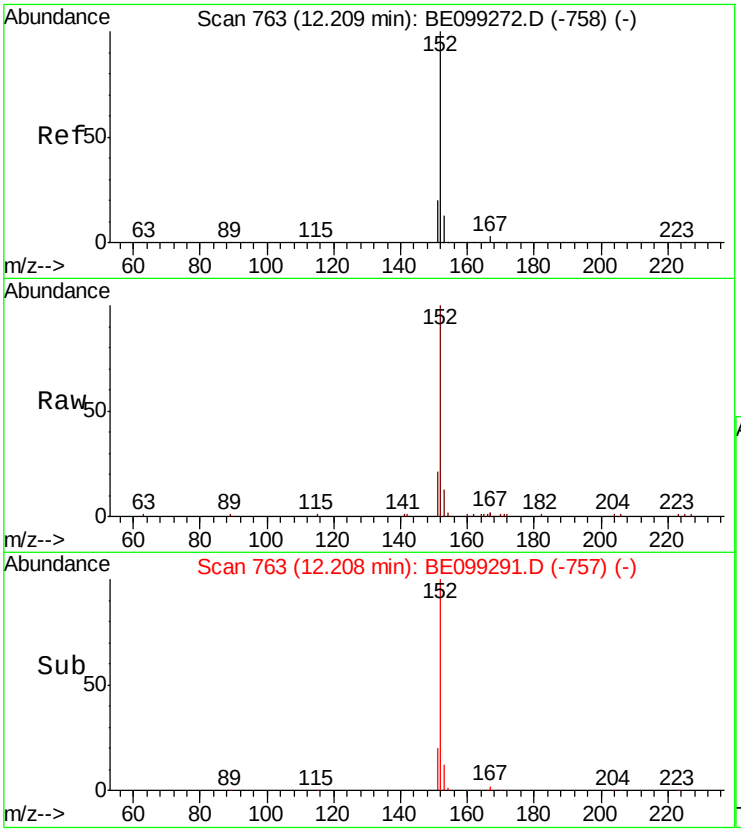


#10
Hexachlorobutadiene
Concen: 0.414 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.01 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:225 Resp: 3861

Ion	Ratio	Lower	Upper
225	100		
223	65.1	51.3	76.9
227	64.8	48.6	73.0



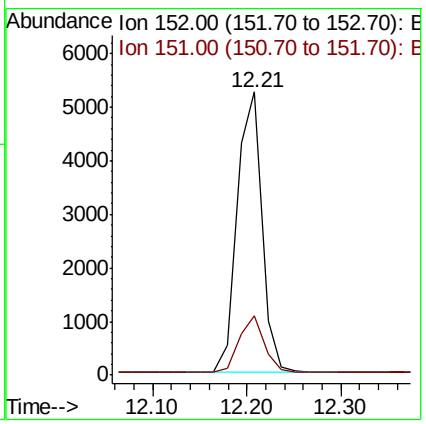


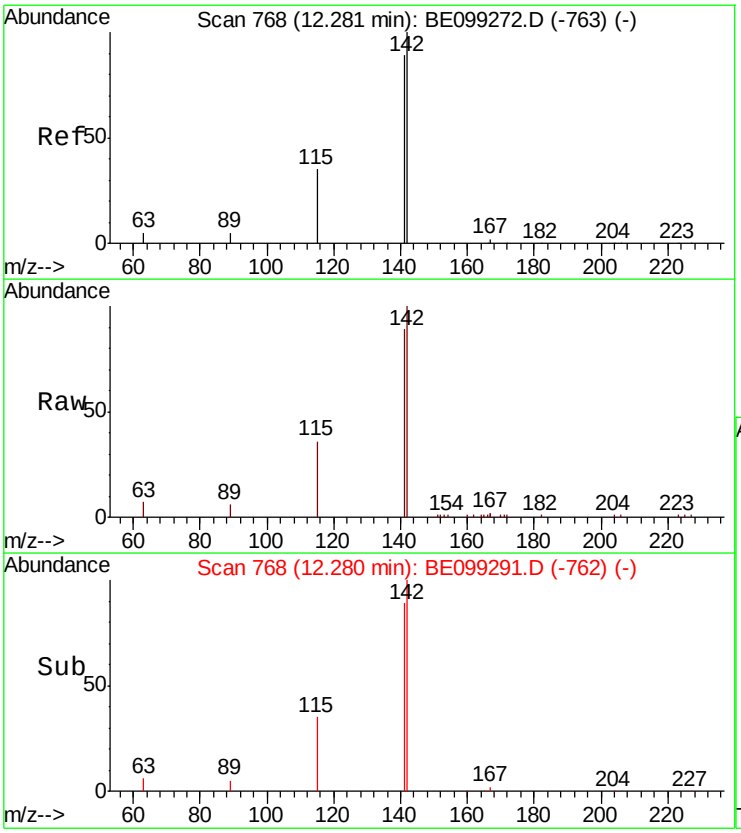
#11
2-Methylnaphthalene-d10
Concen: 0.418 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9630

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.0	22.6

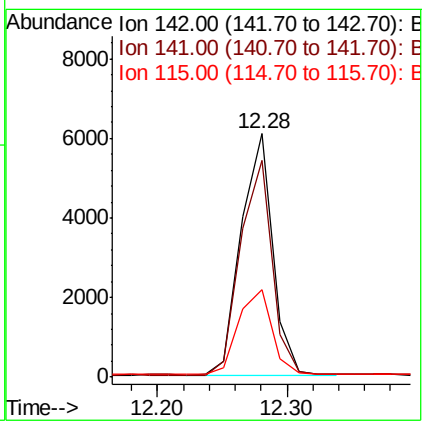


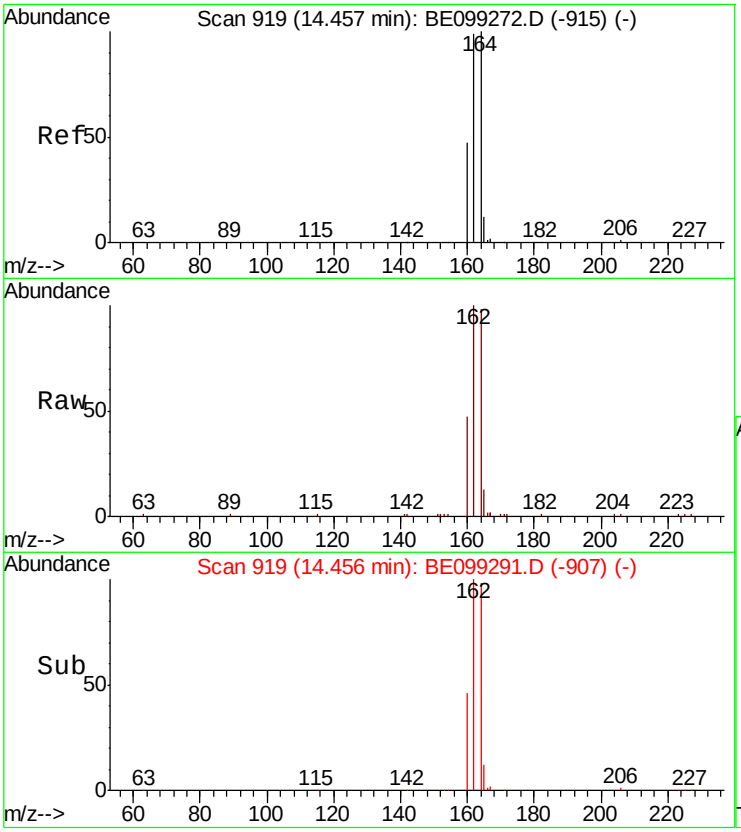


#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:142 Resp: 10224

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	36.2	30.4	45.6



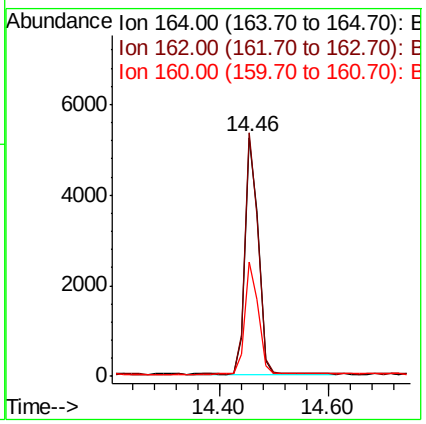


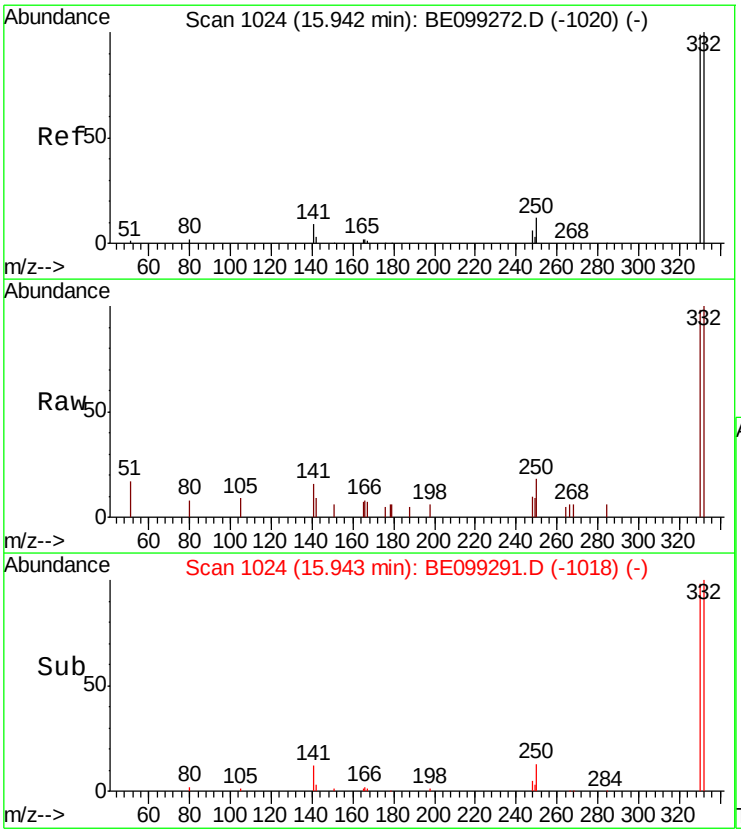
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8681

Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.2	118.8
160	47.7	36.7	55.1

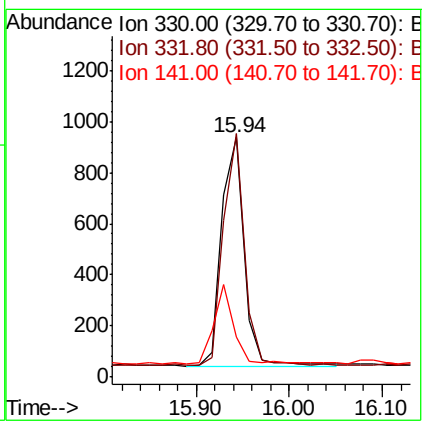


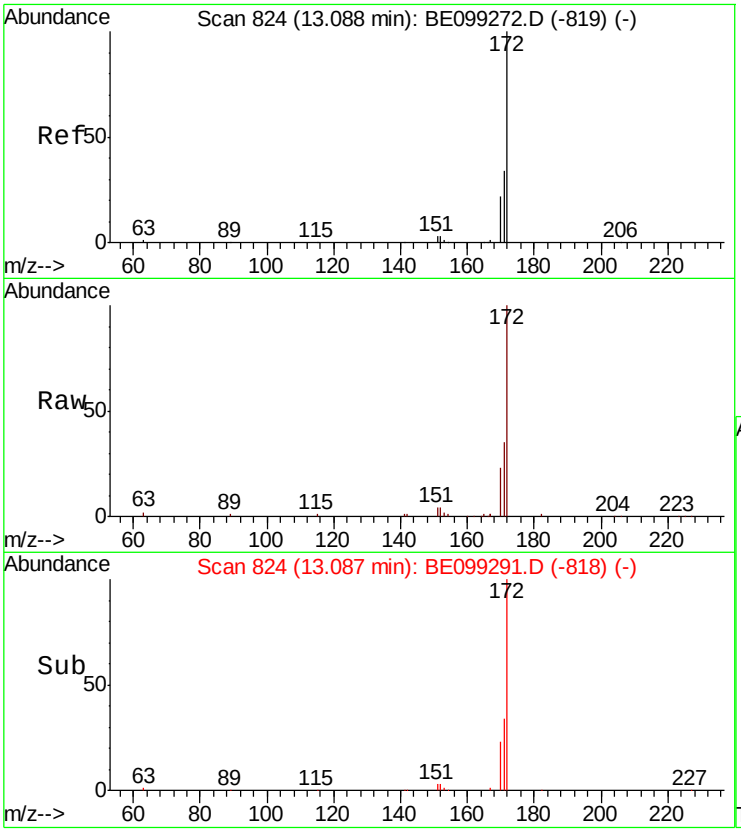


#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:330 Resp: 1513

Ion	Ratio	Lower	Upper
330	100		
332	94.3	71.3	106.9
141	30.7	21.7	32.5



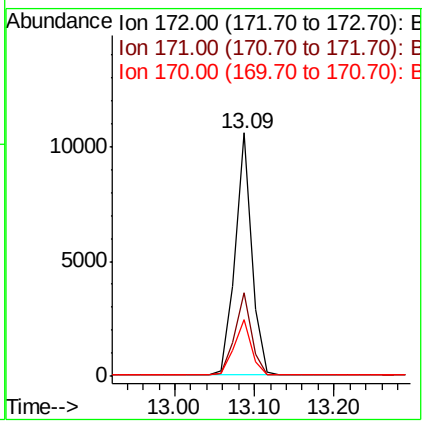


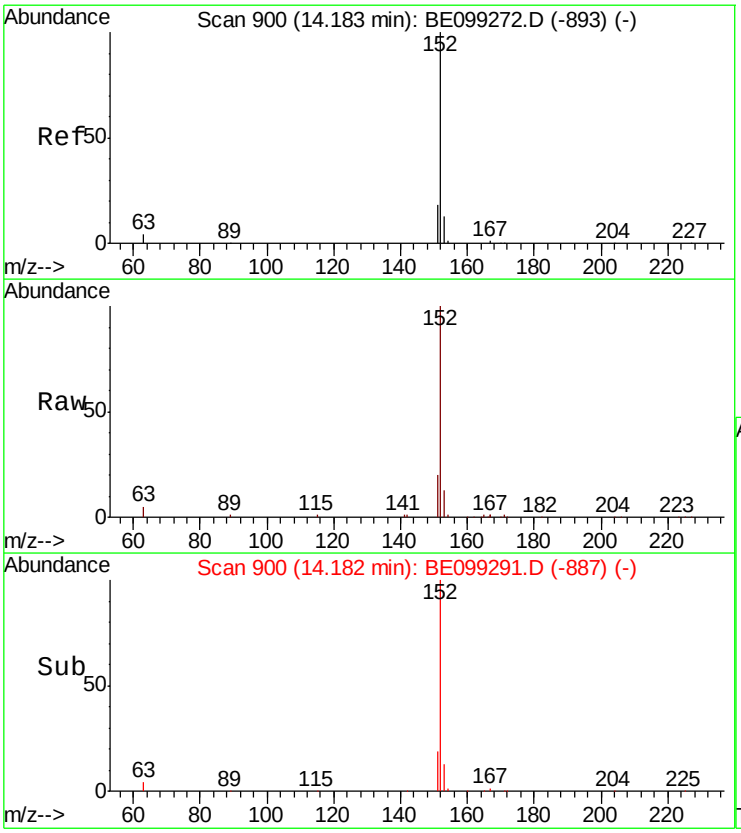
#15
2-Fluorobiphenyl
Concen: 0.448 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 15304

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.0
170	23.3	19.1	28.7

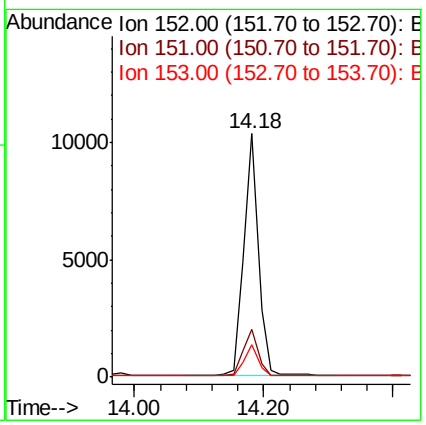


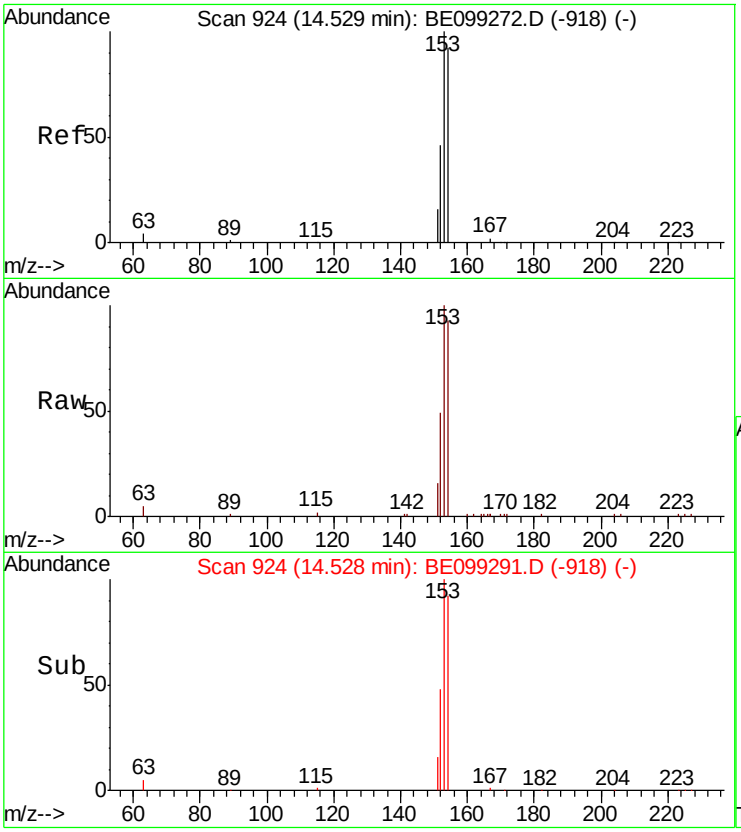


#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:152 Resp: 16316

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.8	10.6	15.8



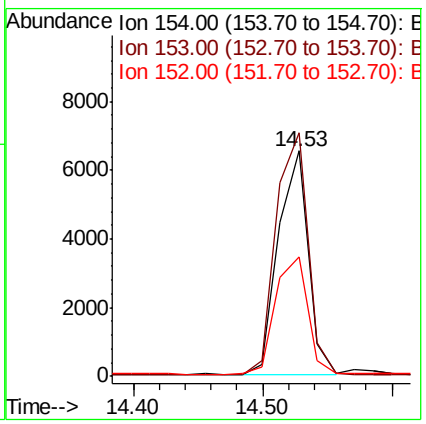


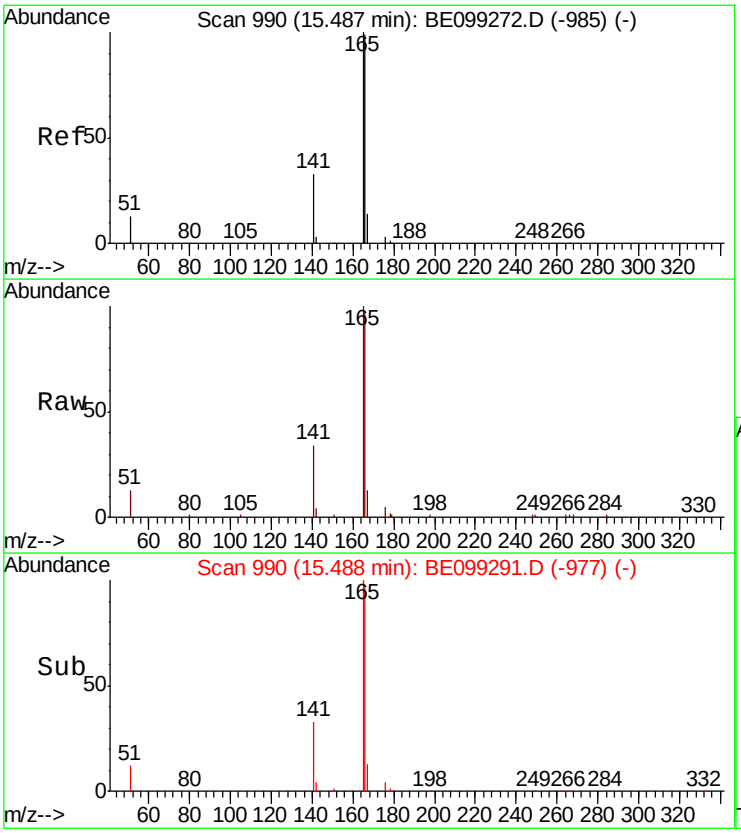
#17
Acenaphthene
Concen: 0.434 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10540

Ion	Ratio	Lower	Upper
154	100		
153	115.1	93.4	140.0
152	56.9	46.6	69.8

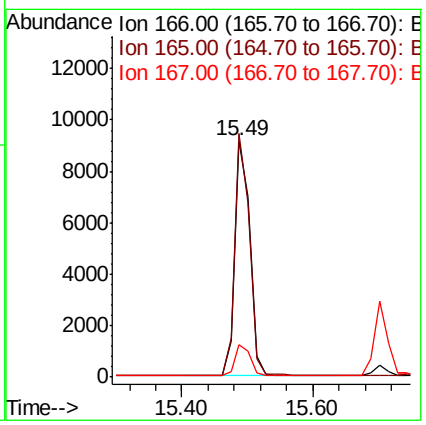


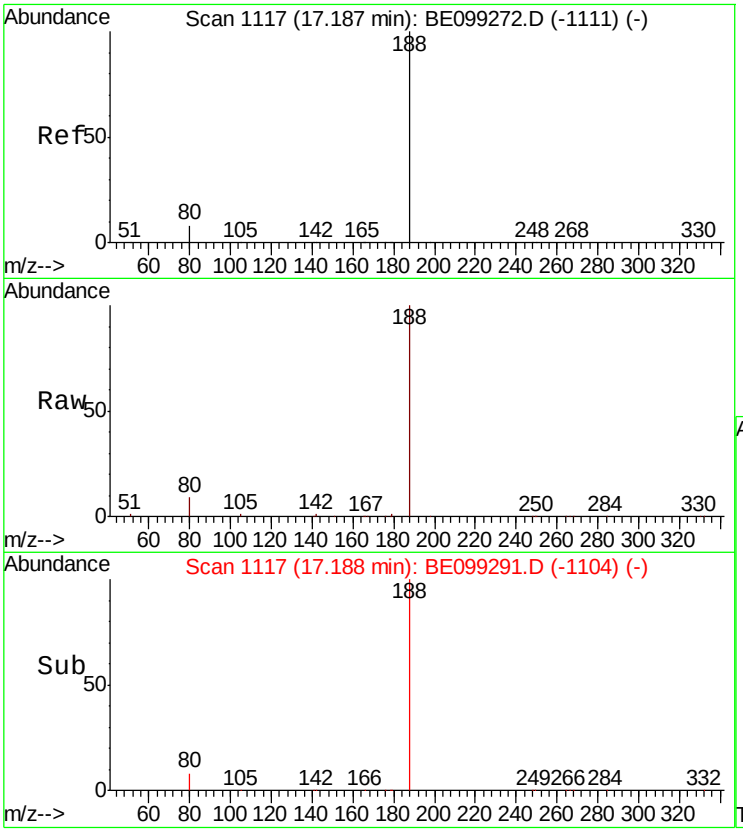


#18
Fluorene
Concen: 0.424 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:166 Resp: 14874

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.9	118.3
167	13.1	10.9	16.3



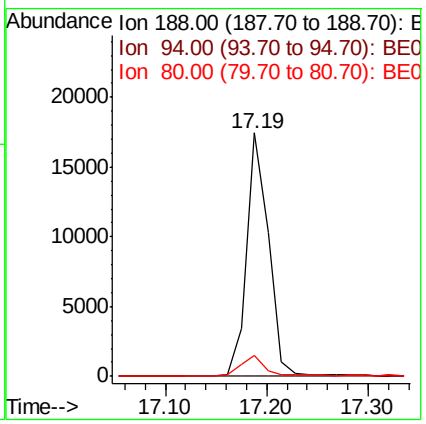


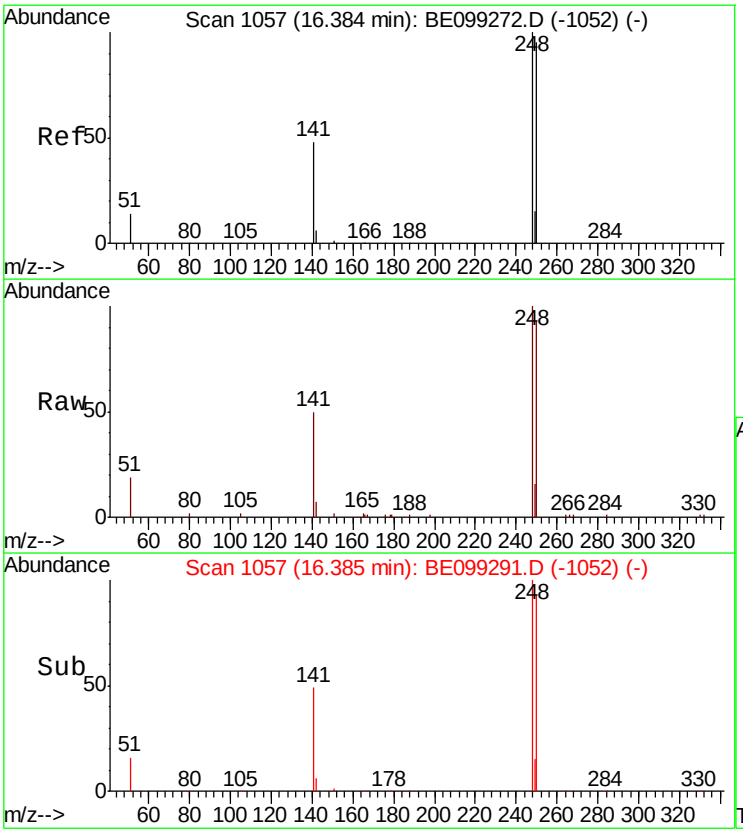
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 26000

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	4.5	6.7#

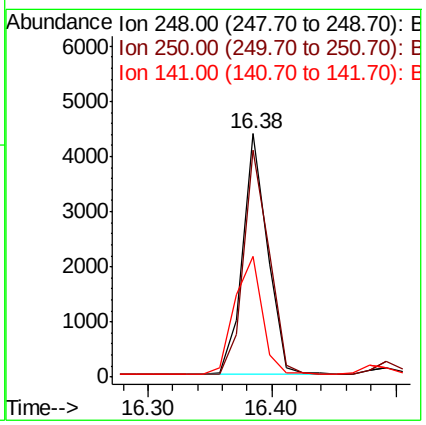


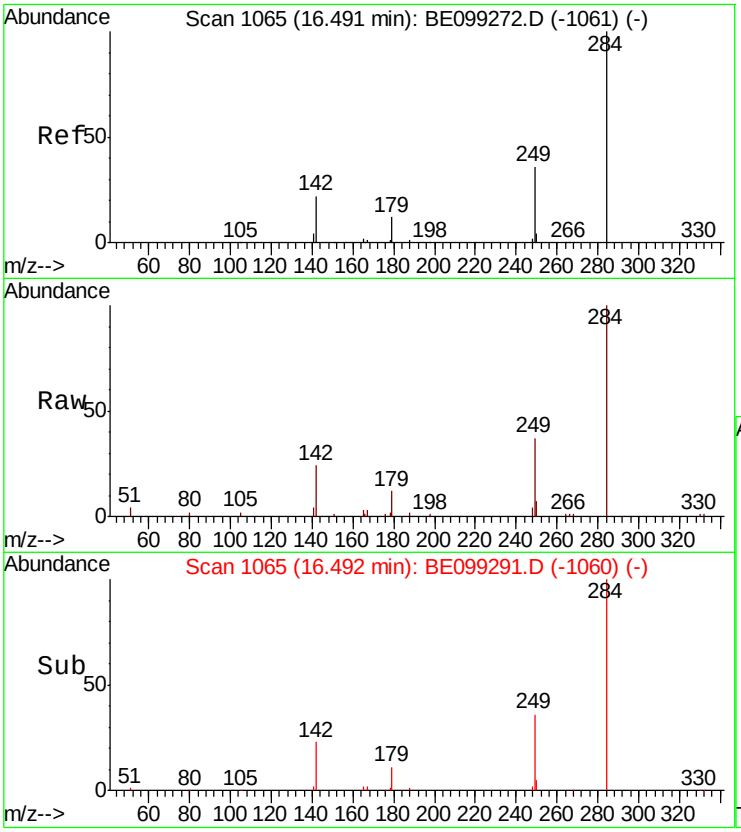


#20
4-Bromophenyl-phenylether
Concen: 0.412 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:248 Resp: 6082

Ion	Ratio	Lower	Upper
248	100		
250	93.1	84.2	126.2
141	49.6	21.8	32.6#



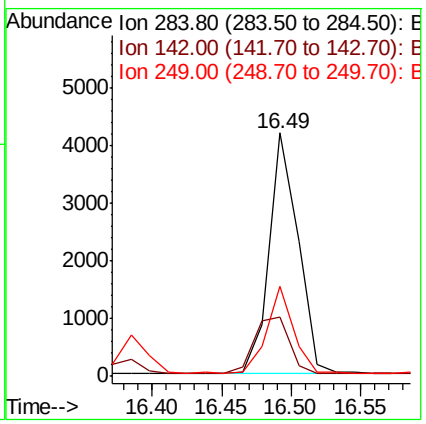


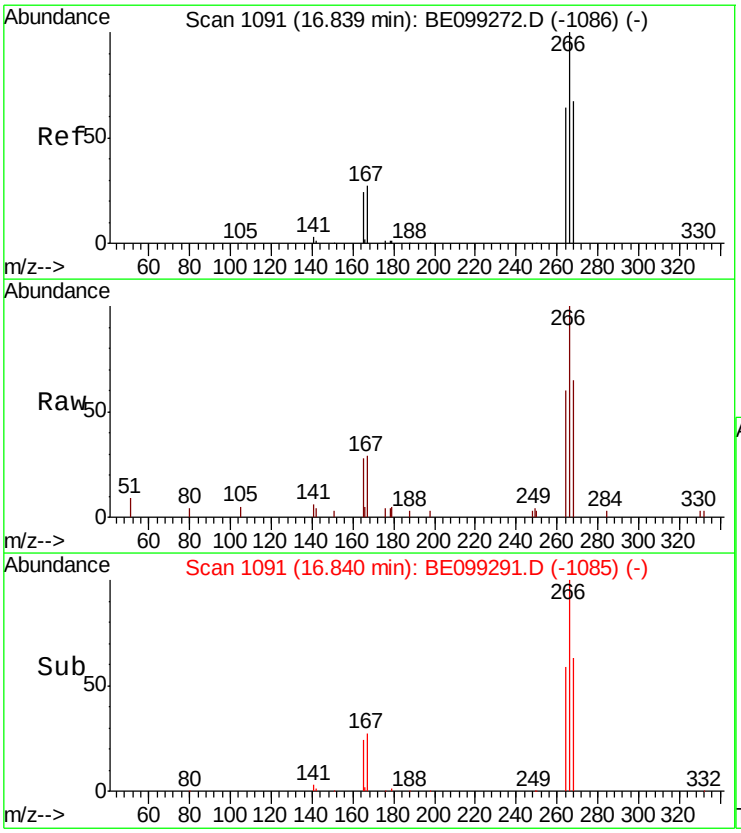
#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 6031

Ion	Ratio	Lower	Upper
284	100		
142	28.2	22.7	34.1
249	33.1	26.9	40.3

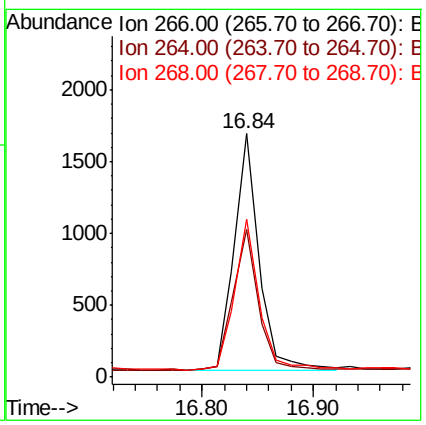


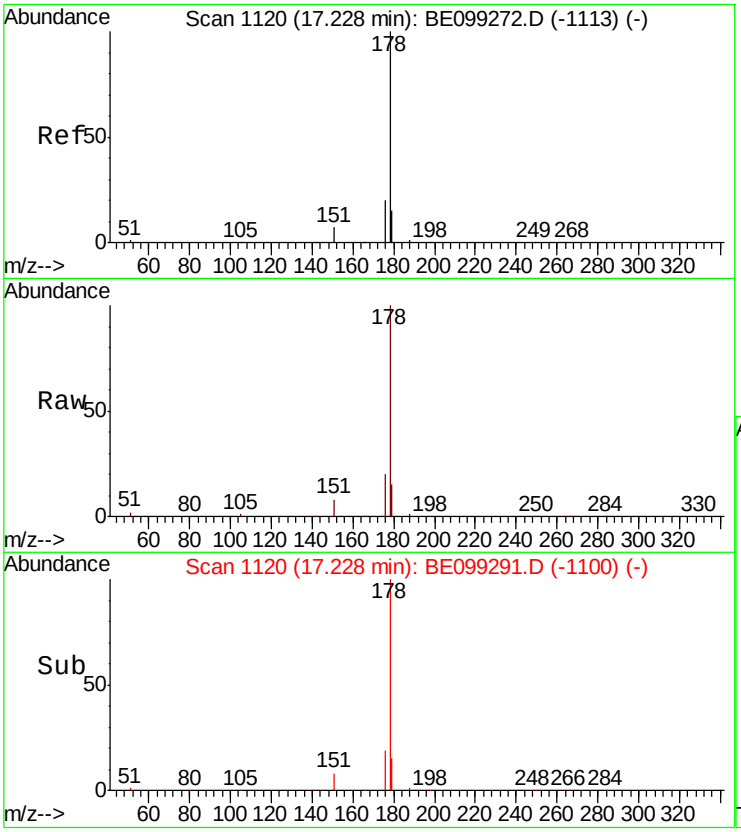


#22
Pentachlorophenol
Concen: 0.436 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:266 Resp: 2542

Ion	Ratio	Lower	Upper
266	100		
264	60.4	54.4	81.6
268	64.7	61.3	91.9



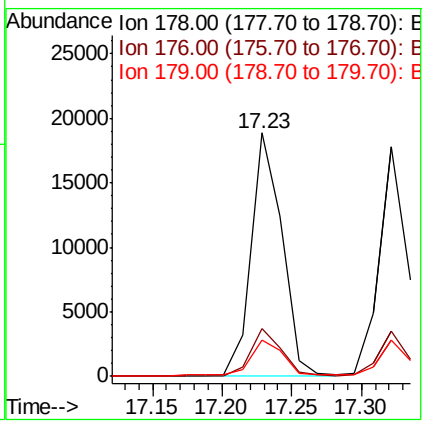


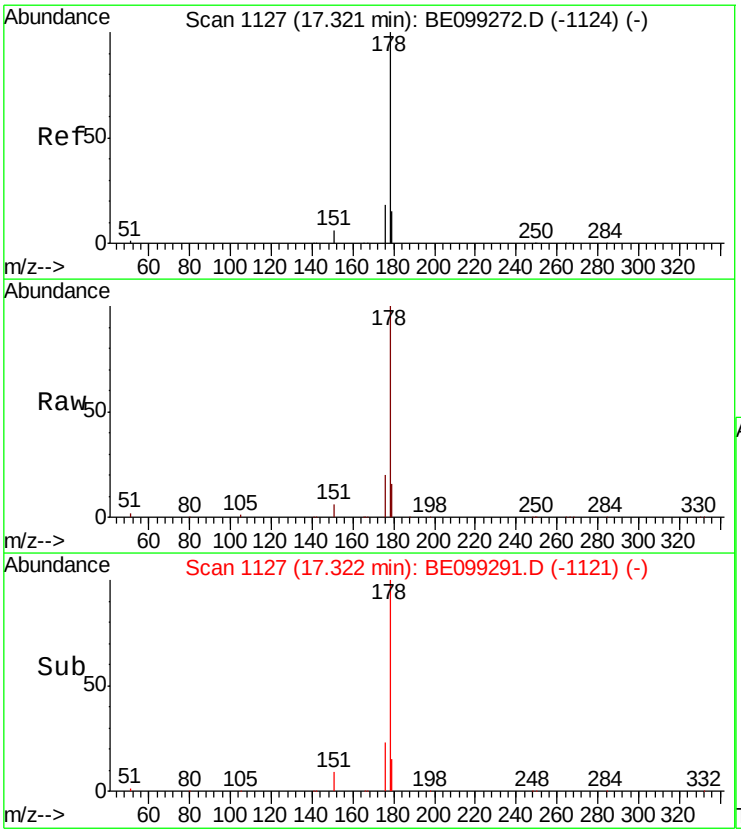
#23
Phenanthrene
Concen: 0.428 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 28774

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.4	12.3	18.5

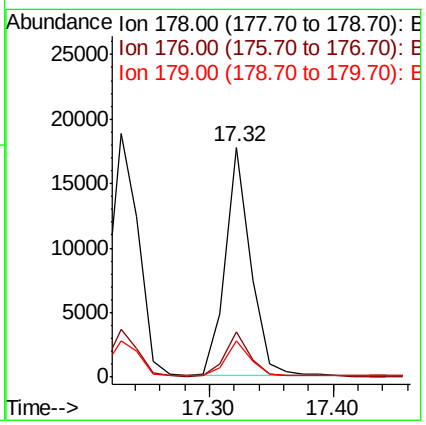


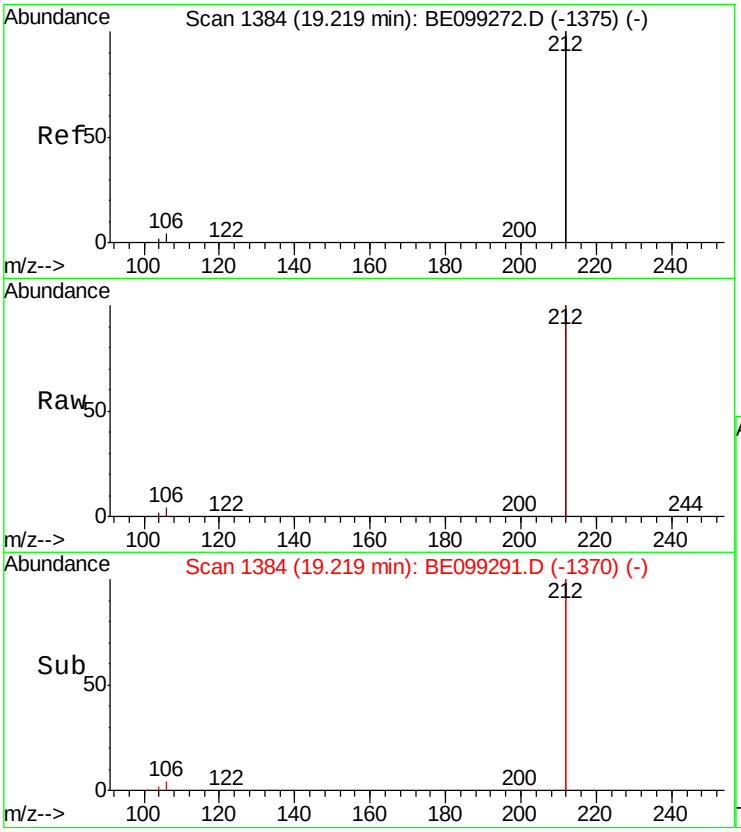


#24
Anthracene
Concen: 0.395 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:178 Resp: 25087

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.0	12.4	18.6



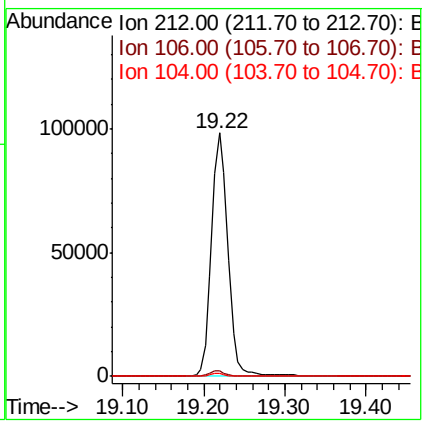


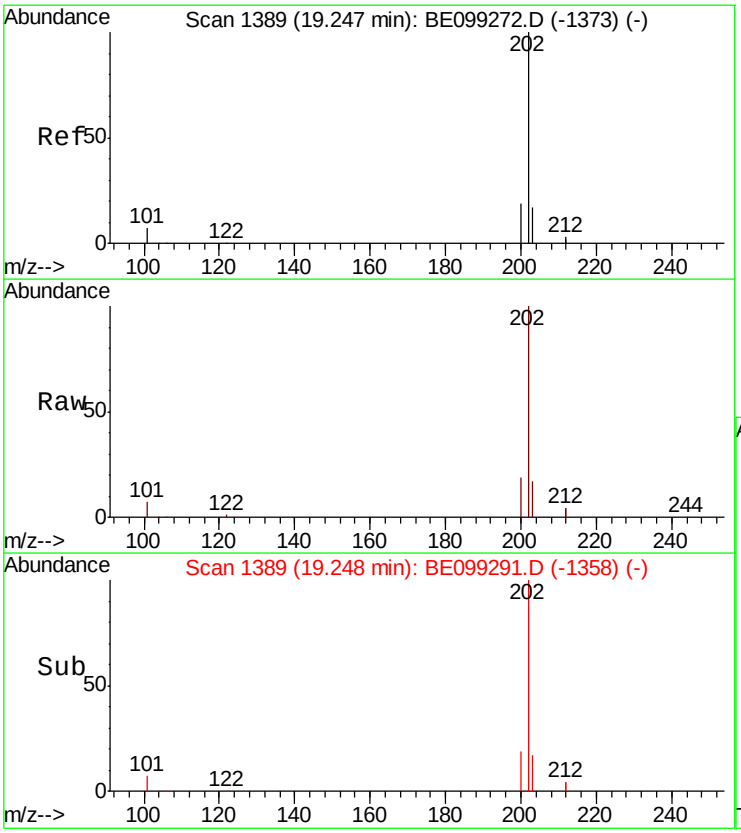
#25
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 136825

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.8
104	1.2	1.1	1.7

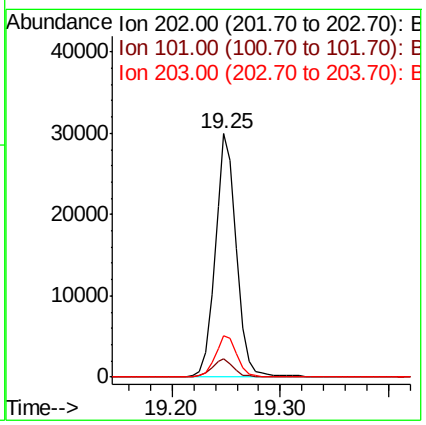


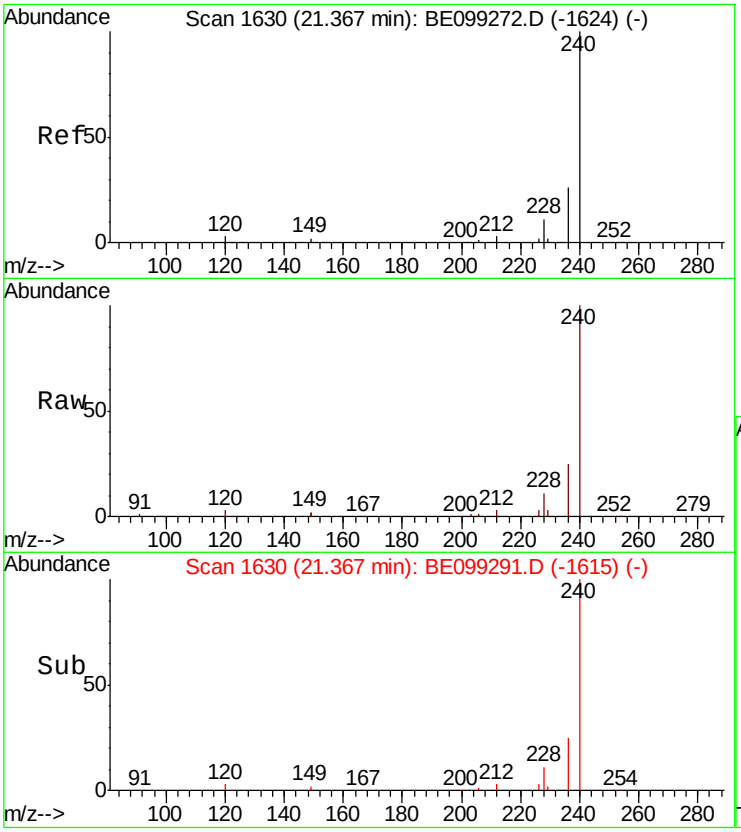


#26
Fluoranthene
Concen: 0.406 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:202 Resp: 40300

Ion	Ratio	Lower	Upper
202	100		
101	7.5	7.0	10.4
203	17.2	13.8	20.6



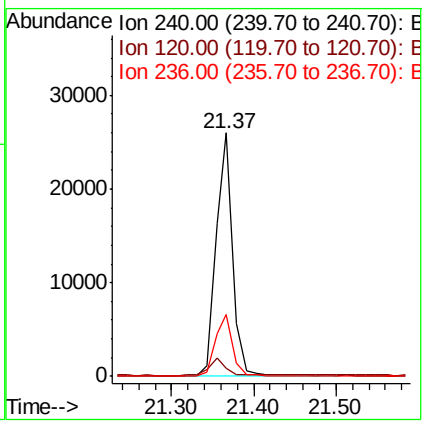


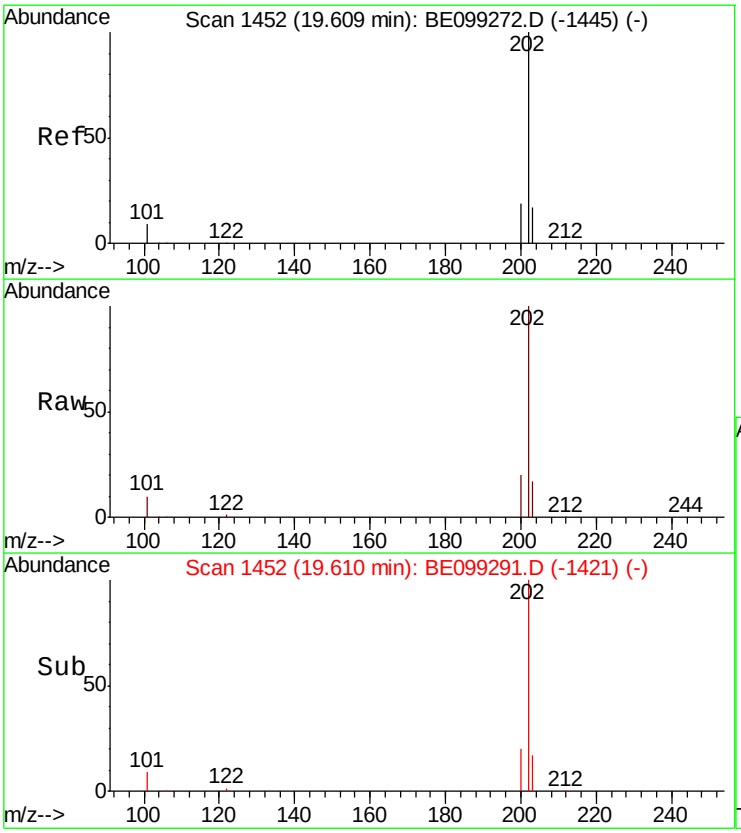
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 36623

Ion	Ratio	Lower	Upper
240	100		
120	3.3	2.6	3.8
236	25.3	20.9	31.3

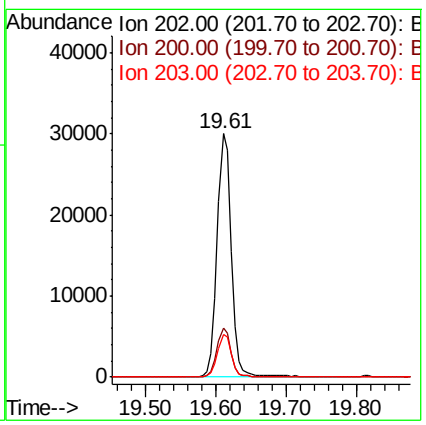


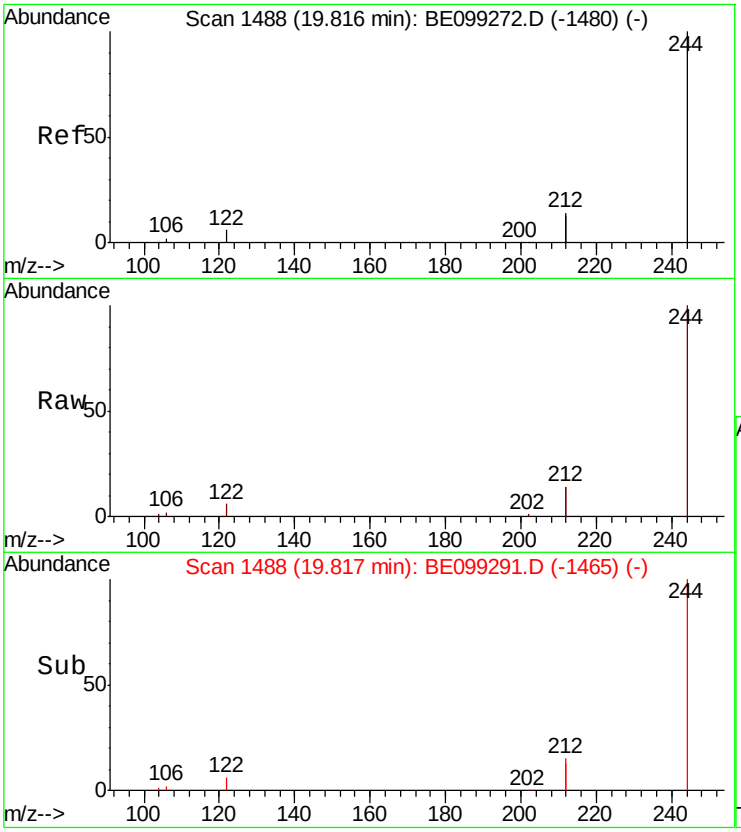


#28
Pyrene
Concen: 0.426 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:202 Resp: 41198

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.8	23.8
203	17.3	14.1	21.1



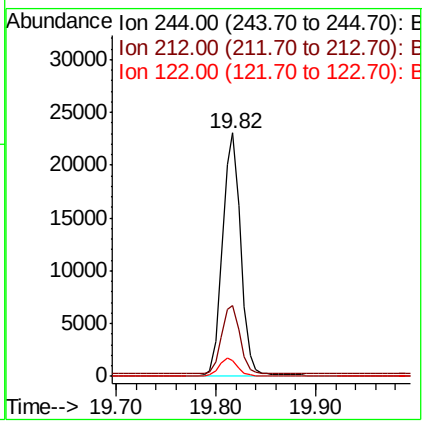


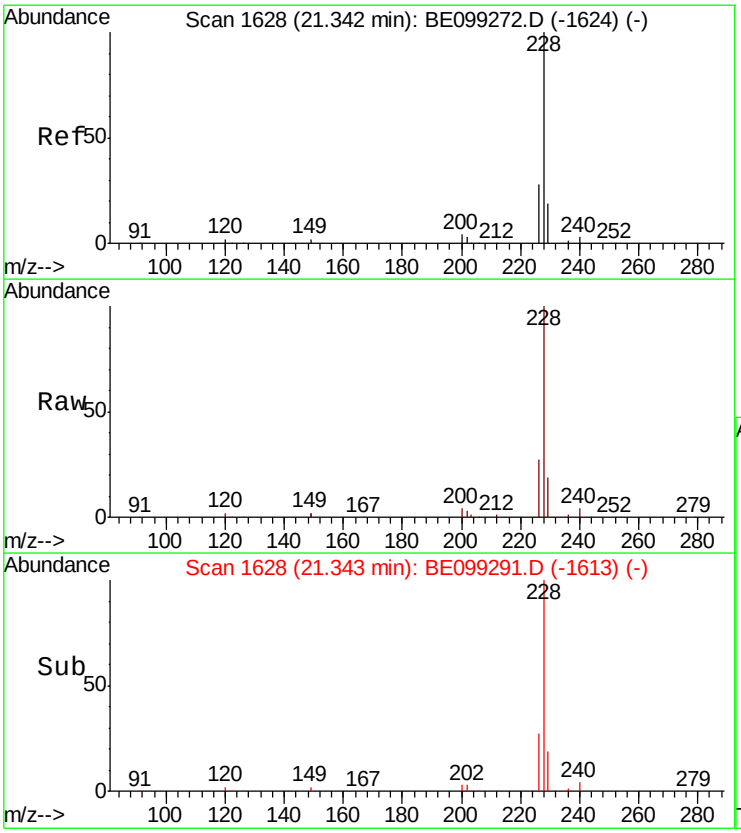
#29
Terphenyl-d14
Concen: 0.435 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 29032

Ion	Ratio	Lower	Upper
244	100		
212	29.0	22.7	34.1
122	6.4	5.8	8.6

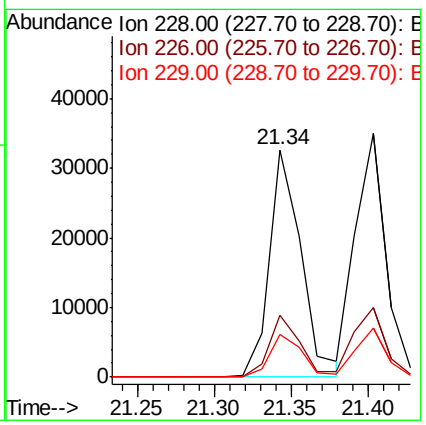


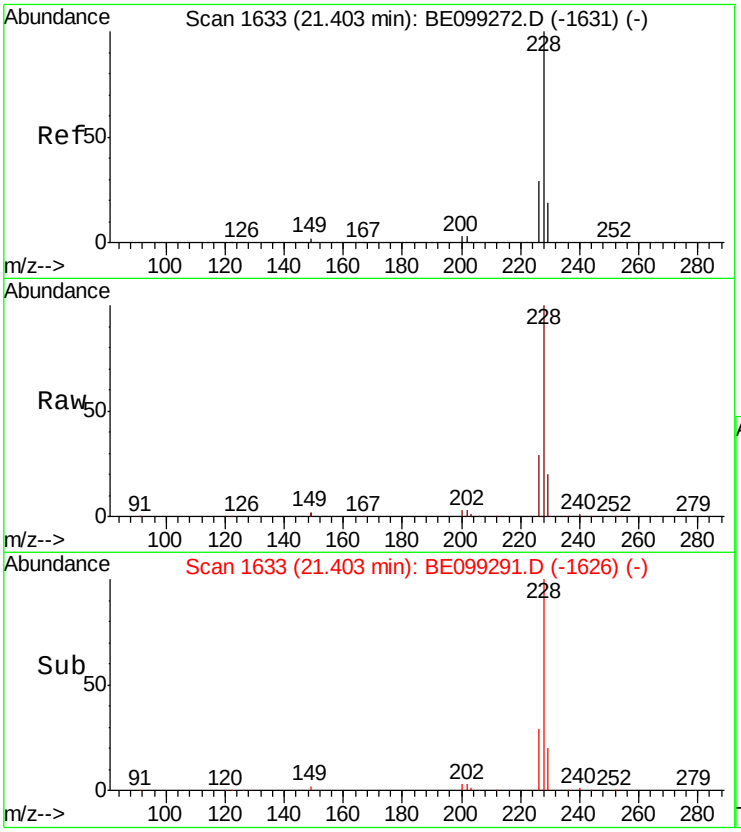


#30
Benzo(a)anthracene
Concen: 0.405 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:228 Resp: 46651

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	18.9	15.9	23.9



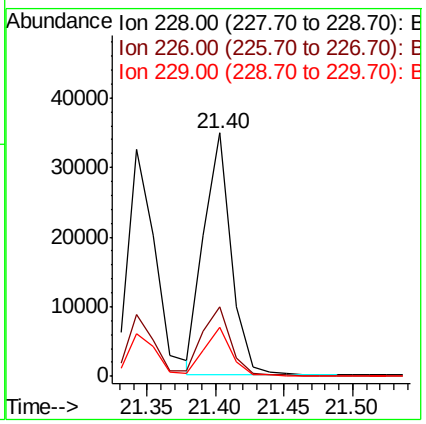


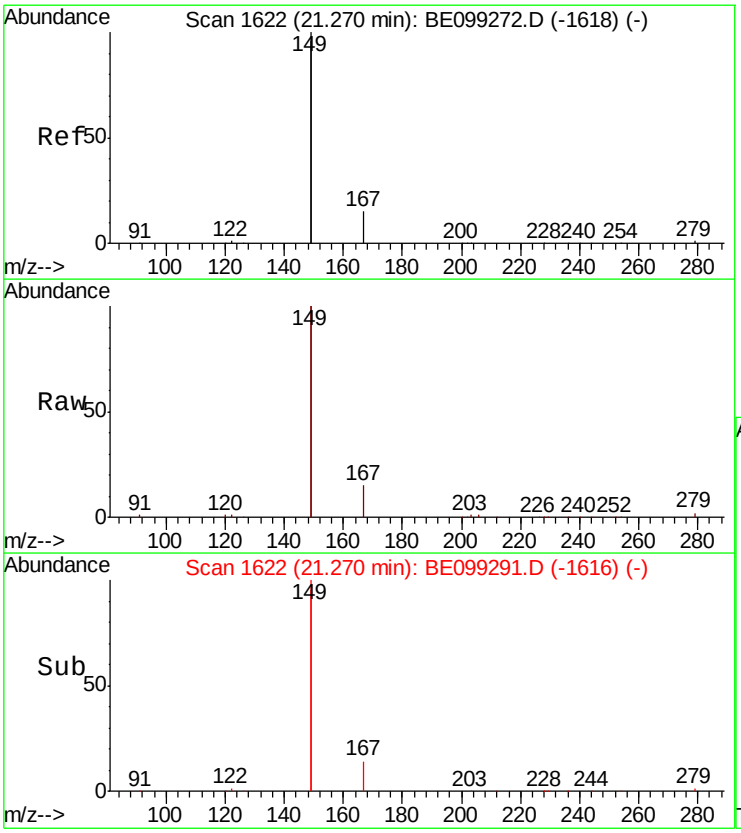
#31
Chrysene
Concen: 0.426 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 48163

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.8	37.2
229	20.2	15.4	23.0

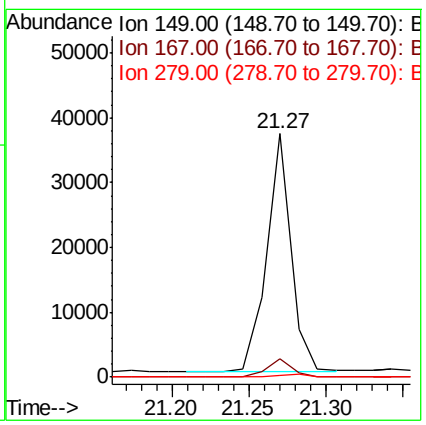


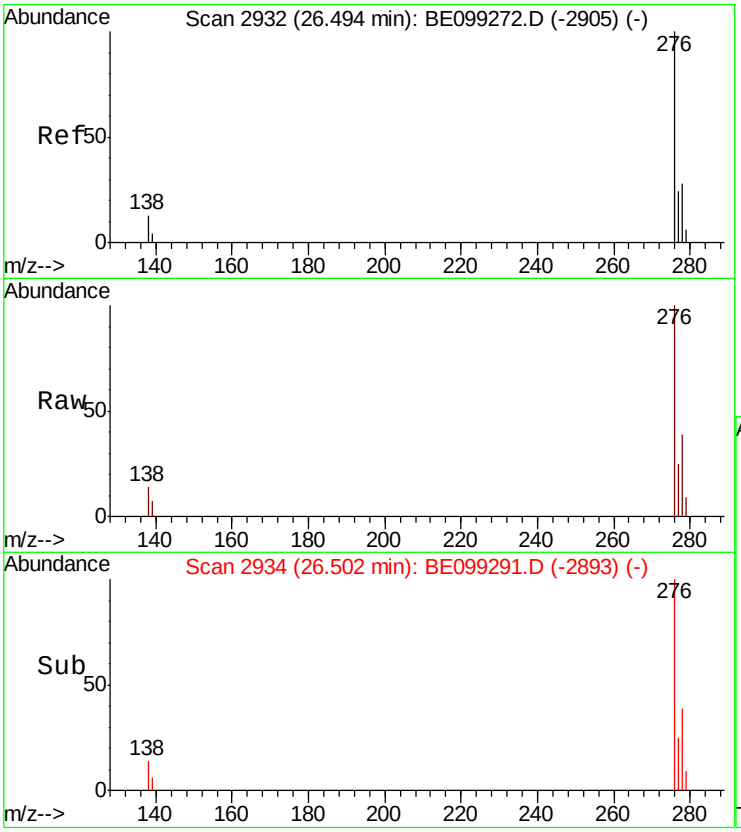


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.274 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:149 Resp: 40273

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.4	1.0	1.6



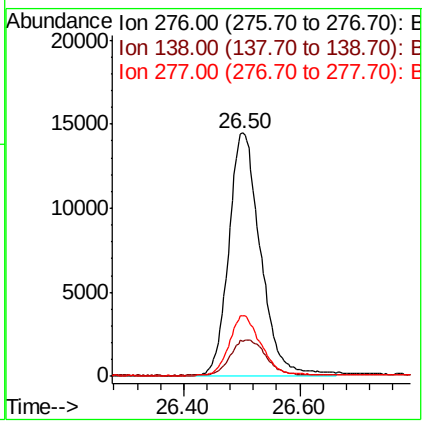


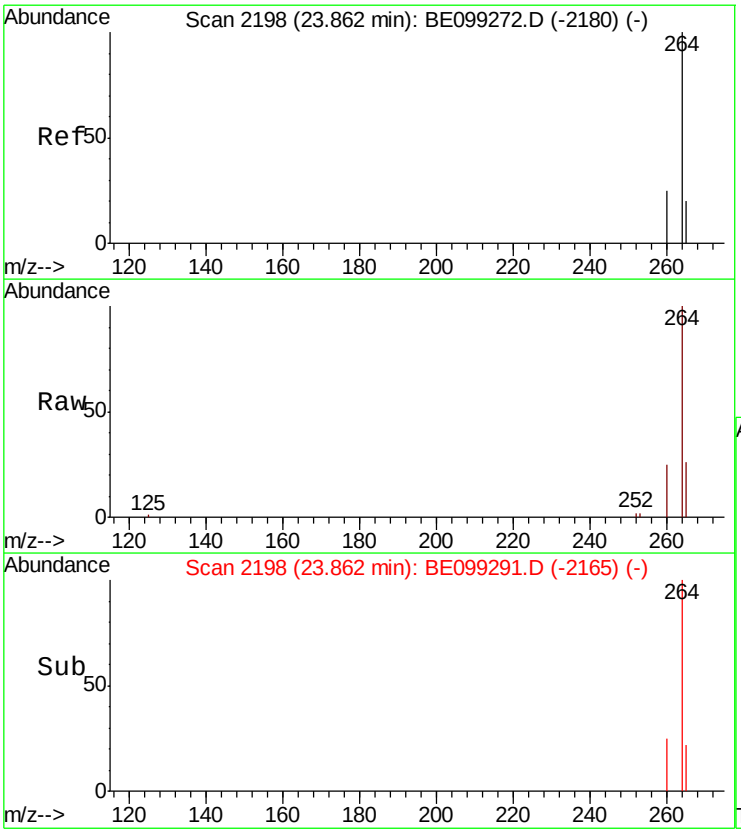
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.05 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 54396

Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.9	19.3
277	24.5	18.3	27.5

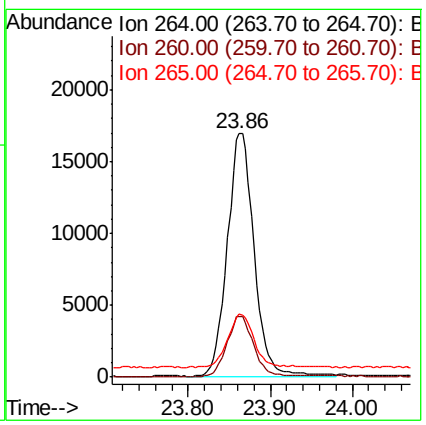


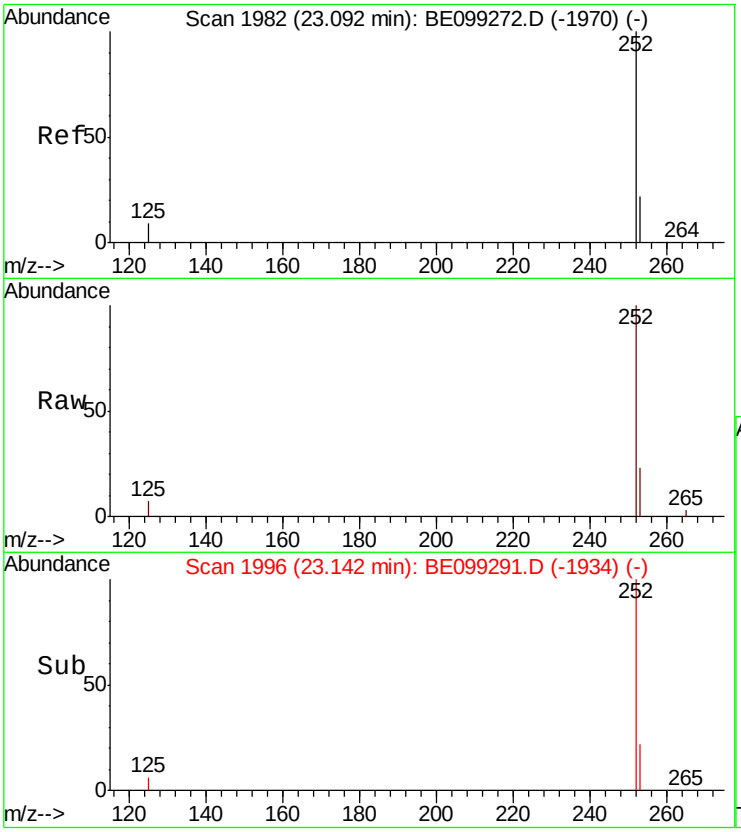


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:264 Resp: 38314

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.2	27.2
265	26.0	21.8	32.8



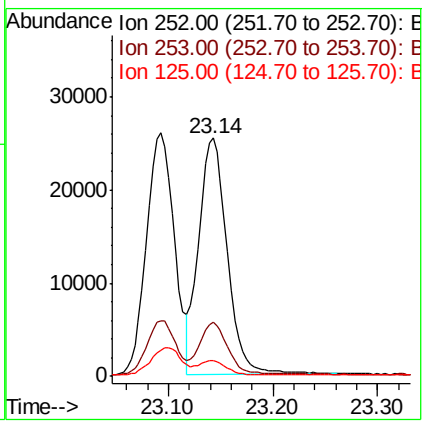


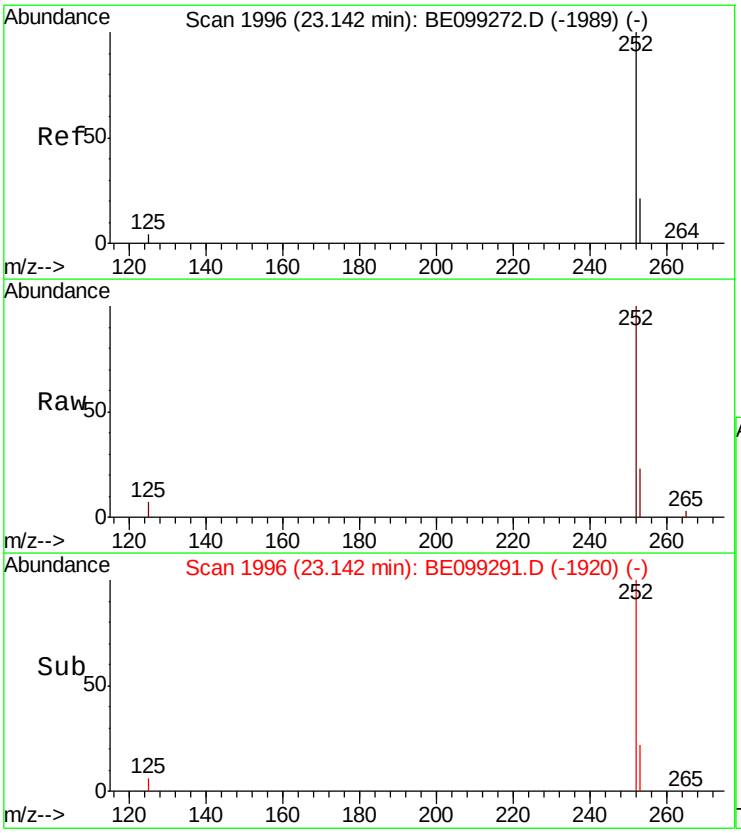
#35
Benzo(b)fluoranthene
Concen: 0.422 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 48211

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	6.6	6.1	9.1

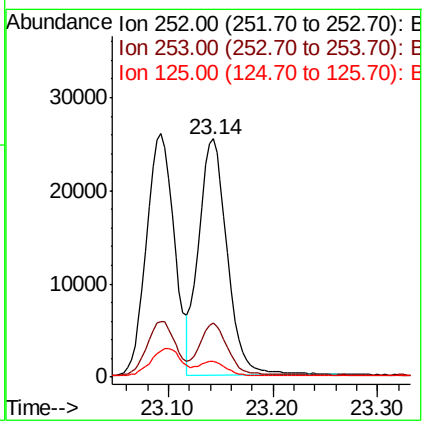


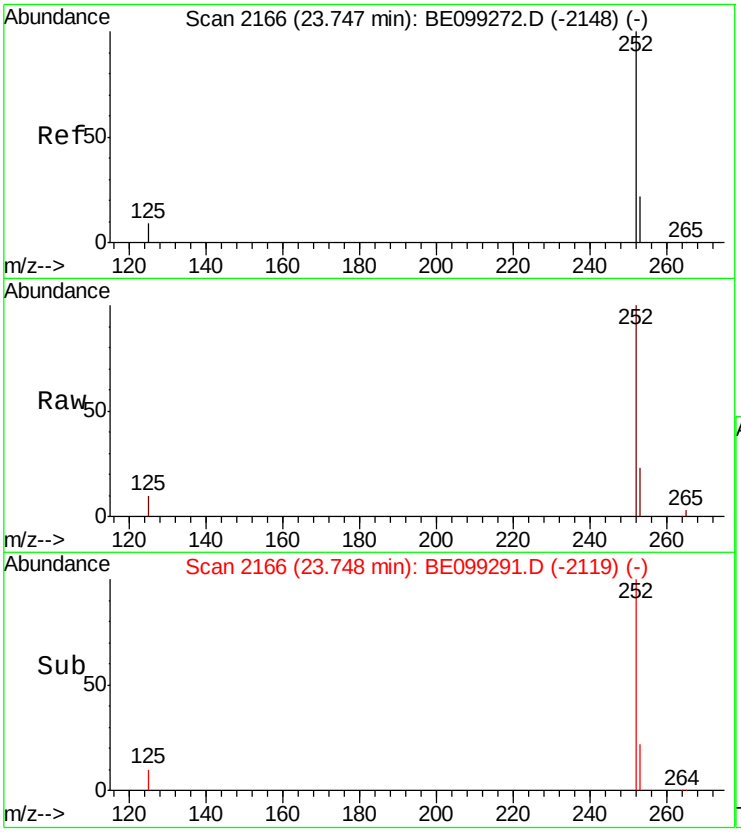


#36
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:252 Resp: 48211

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	6.6	5.9	8.9



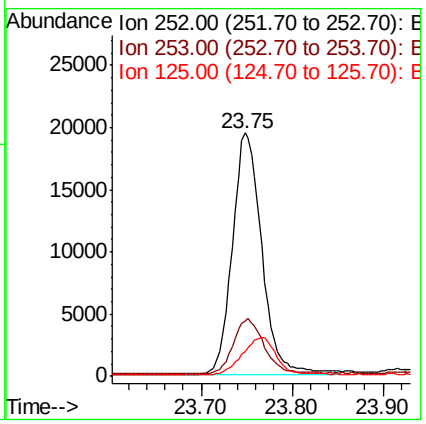


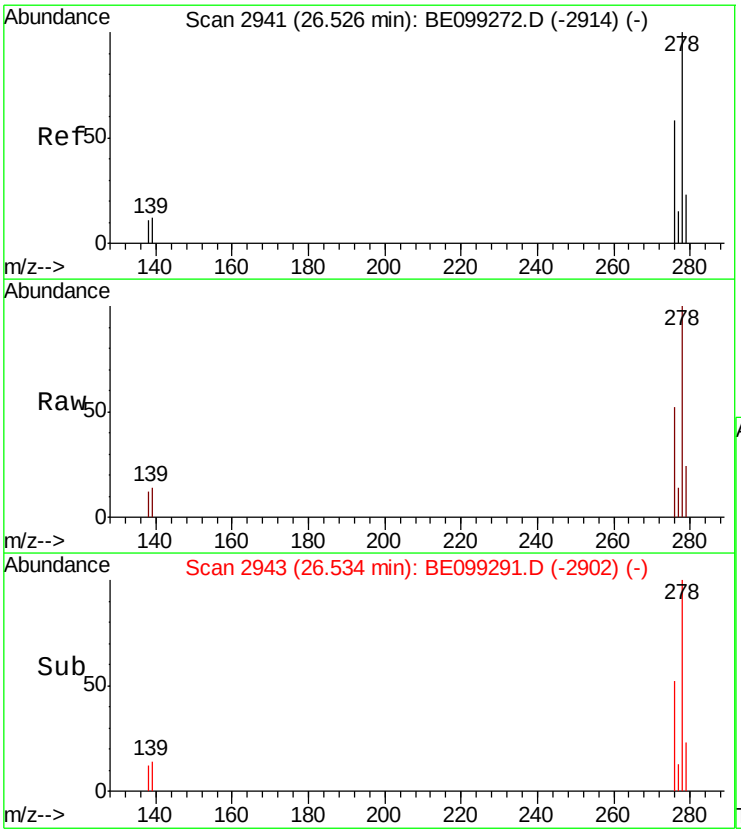
#37
Benzo(a)pyrene
Concen: 0.405 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 43547

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	10.3	6.8	10.2#

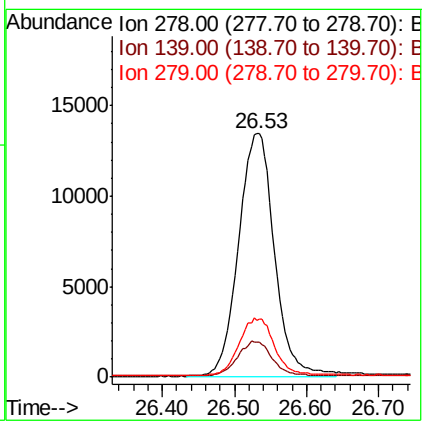


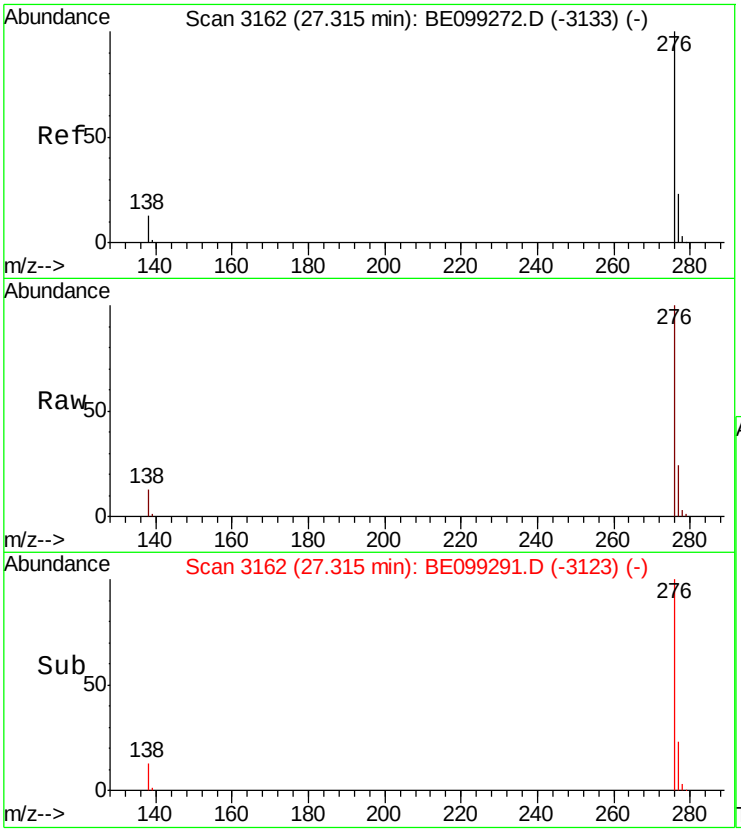


#38
Dibenzo(a,h)anthracene
Concen: 0.422 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.05 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:278 Resp: 45100

Ion	Ratio	Lower	Upper
278	100		
139	14.3	9.5	14.3
279	23.6	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.418 ng
RT: 27.31 min Scan# 3162
Delta R.T. -0.06 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 44512

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	13.0	11.1	16.7