Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040419\
Data File : BE099293.D
Acq On : 4 Apr 2019 16:00
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Apr 05 04:25:26 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	3483	0.40	ng		-0.02
7) Naphthalene-d8	10.60	136	13027	0.40	ng		-0.02
13) Acenaphthene-d10	14.46	164	8776	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	25106	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	37188	0.40	ng		-0.02
34) Perylene-d12	23.86	264	39063	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3525	0.38	ng		-0.02
5) Phenol-d6	6.97	99	4992	0.39	ng		-0.01
8) Nitrobenzene-d5	8.97	82	3776	0.42	ng		-0.02
11) 2-Methylnaphthalene-d10	12.21	152	9614	0.42	ng		-0.01
14) 2,4,6-Tribromophenol	15.94	330	1384	0.34	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	15180	0.44	ng		-0.01
25) Fluoranthene-d10	19.22	212	133229	0.40	ng		-0.02
29) Terphenyl-d14	19.82	244	28575	0.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	2111	0.445	ng	#	96
3) n-Nitrosodimethylamine	3.65	42	969	0.346	ng	#	93
6) bis(2-Chloroethyl)ether	7.24	93	4791	0.420	ng		98
9) Naphthalene	10.65	128	60958	0.430	ng		100
10) Hexachlorobutadiene	10.94	225	3895	0.423	ng		98
12) 2-Methylnaphthalene	12.28	142	10065	0.417	ng		99
16) Acenaphthylene	14.18	152	16261	0.391	ng		100
17) Acenaphthene	14.53	154	10161	0.414	ng		100
18) Fluorene	15.49	166	14674	0.414	ng		98
20) 4-Bromophenyl-phenylether	16.38	248	6033	0.423	ng	#	80
21) Hexachlorobenzene	16.49	284	5999	0.442	ng		98
22) Pentachlorophenol	16.84	266	2305	0.409	ng		87
23) Phenanthrene	17.23	178	27864	0.429	ng		100
24) Anthracene	17.32	178	24308	0.397	ng		99
26) Fluoranthene	19.25	202	39459	0.412	ng		99
28) Pyrene	19.61	202	40621	0.414	ng		100
30) Benzo(a)anthracene	21.34	228	46792	0.400	ng		99
31) Chrysene	21.40	228	47979	0.418	ng		97
32) Bis(2-ethylhexyl)phthalate	21.27	149	38823	0.260	ng		100
33) Indeno(1,2,3-cd)pyrene	26.50	276	55322	0.422	ng		98
35) Benzo(b)fluoranthene	23.14	252	49622	0.426	ng		99
36) Benzo(k)fluoranthene	23.14	252	49622	0.437	ng		100
37) Benzo(a)pyrene	23.75	252	44680	0.408	ng		99
38) Dibenzo(a,h)anthracene	26.52	278	46506	0.427	ng		98
39) Benzo(g,h,i)perylene	27.31	276	45248	0.417	ng		99

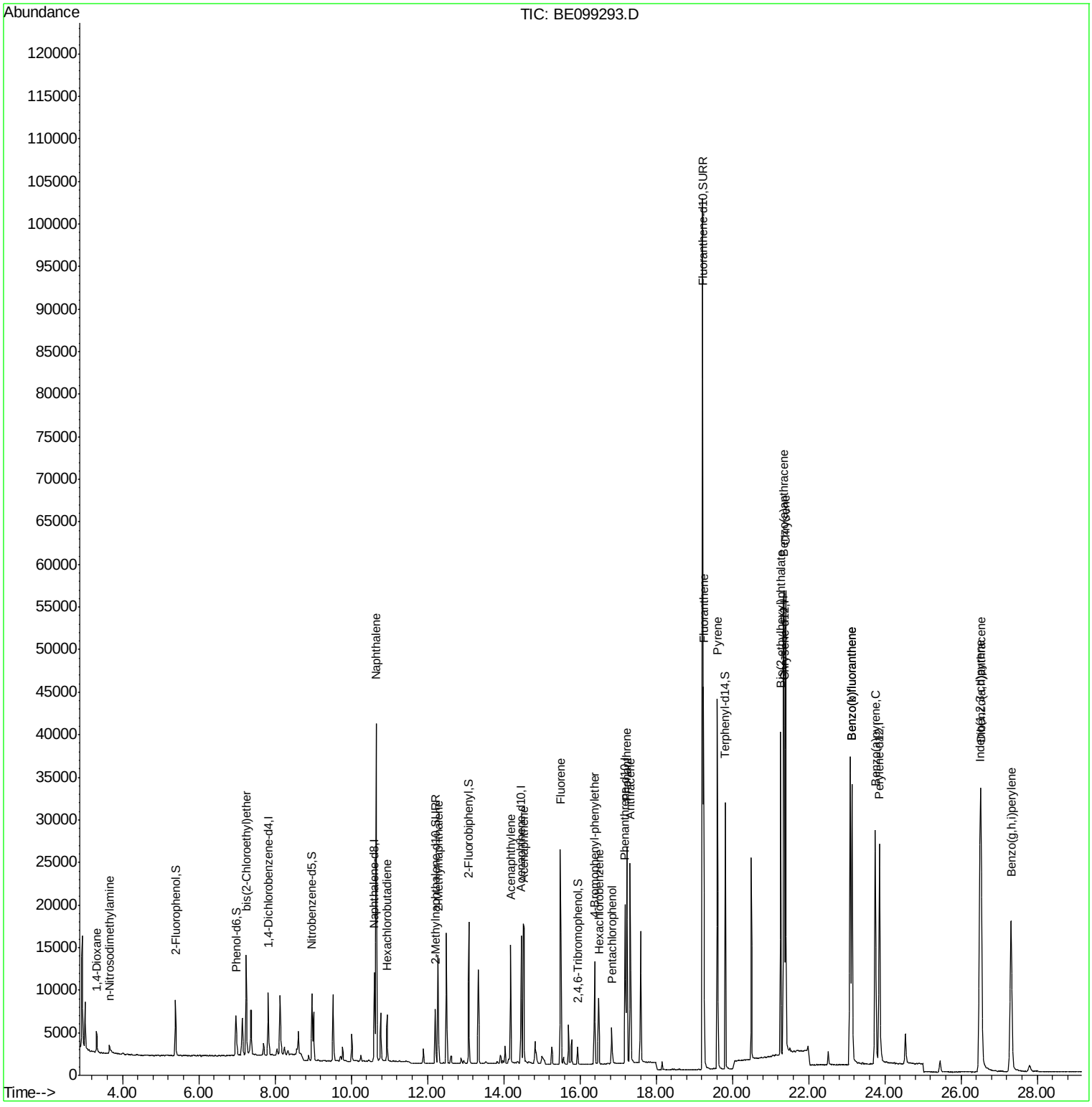
(#) = qualifier out of range (m) = manual integration (+) = signals summed

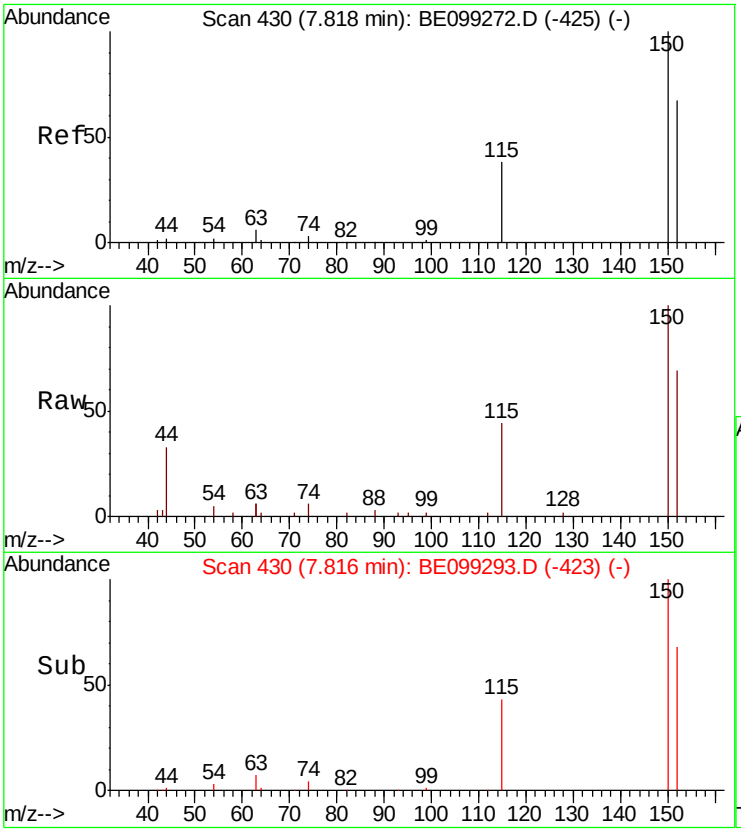
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040419\
Data File : BE099293.D
Acq On : 4 Apr 2019 16:00
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 04 16:49:02 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



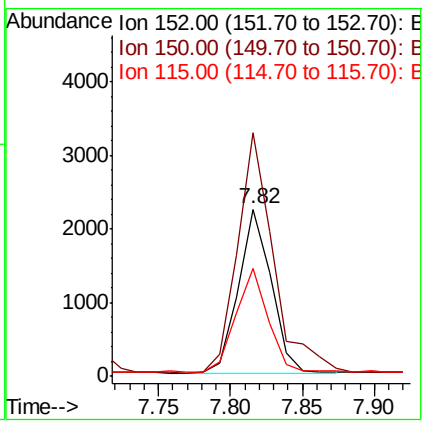


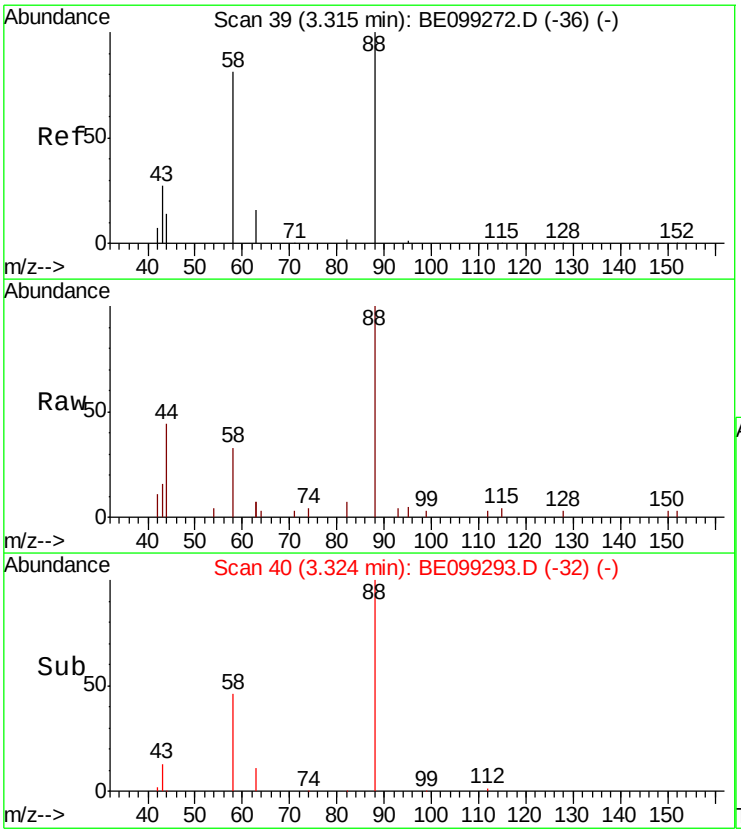
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3483

Ion	Ratio	Lower	Upper
152	100		
150	145.9	112.8	169.2
115	64.4	45.1	67.7

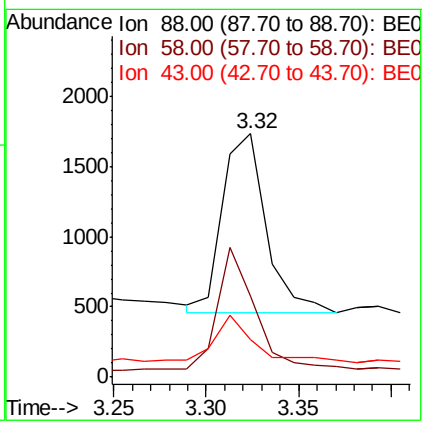


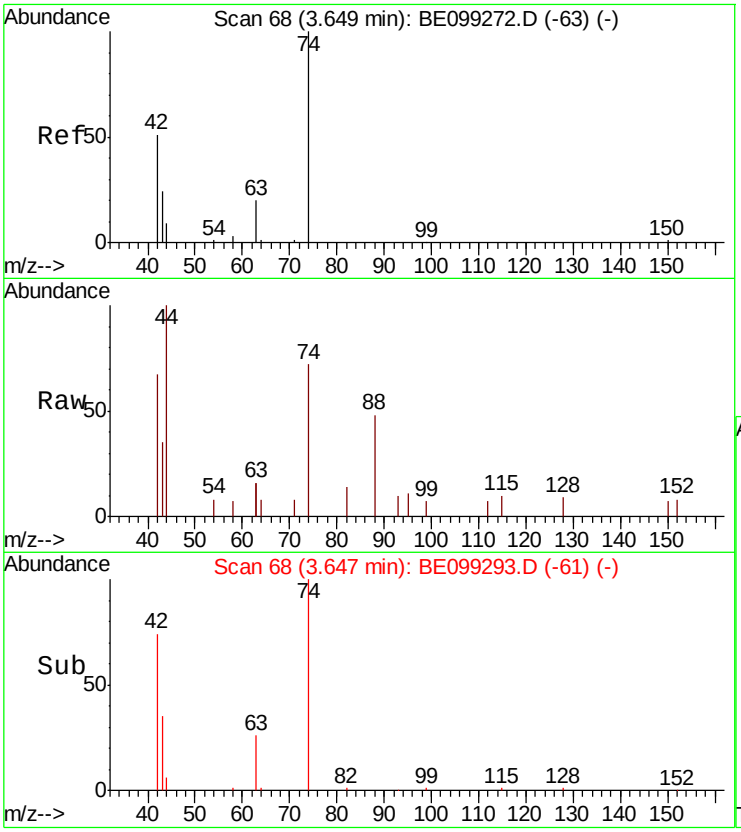


#2
1,4-Dioxane
Concen: 0.445 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion: 88 Resp: 2111

Ion	Ratio	Lower	Upper
88	100		
58	58.4	47.4	71.0
43	25.6	15.6	23.4#



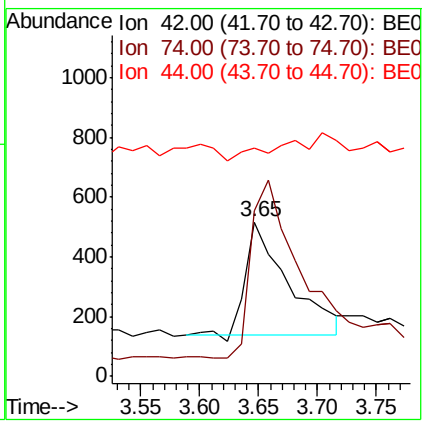


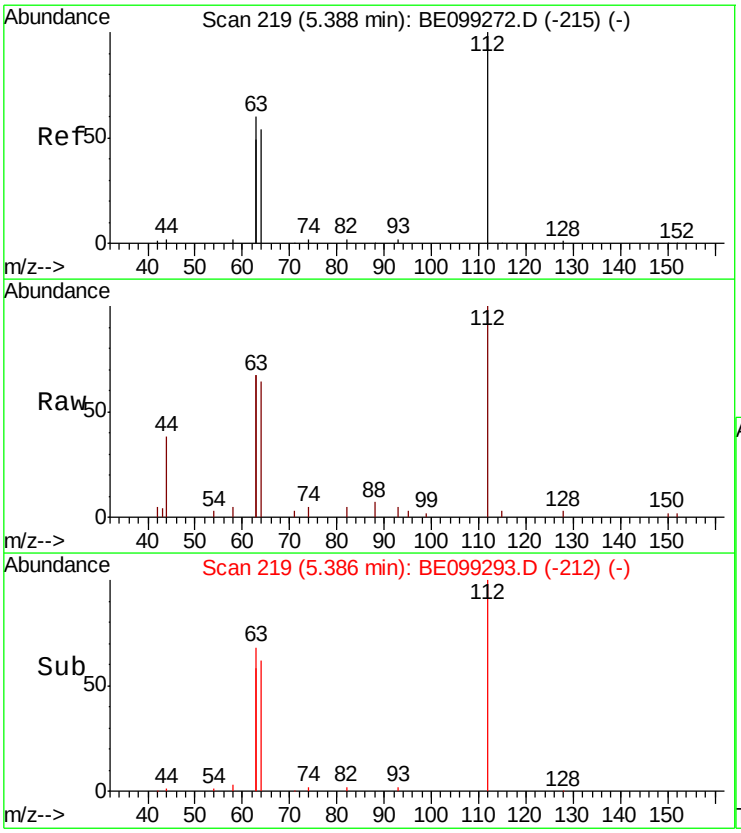
#3
n-Nitrosodimethylamine
Concen: 0.346 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 969

Ion	Ratio	Lower	Upper
42	100		
74	178.0	138.6	207.8
44	0.0	15.0	22.6#

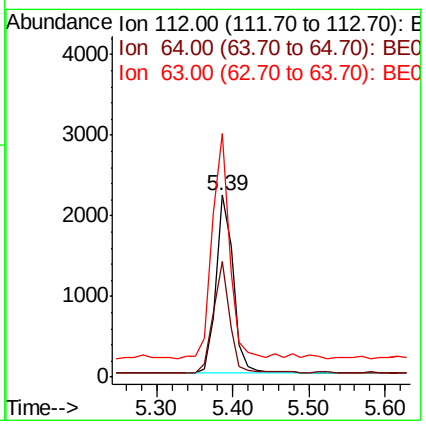


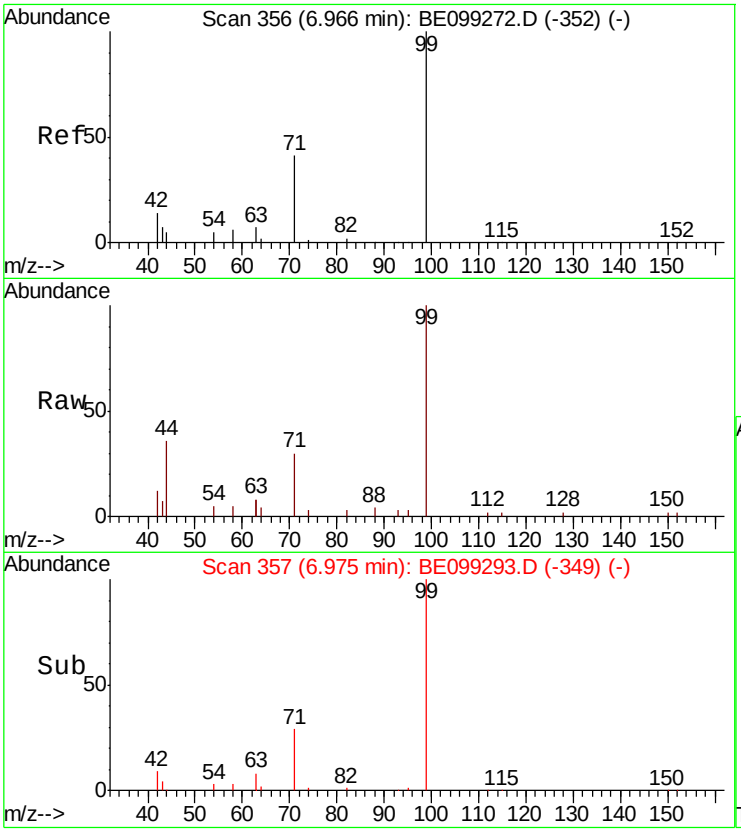


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:112 Resp: 3525

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.2	69.2
63	123.3	89.9	134.9



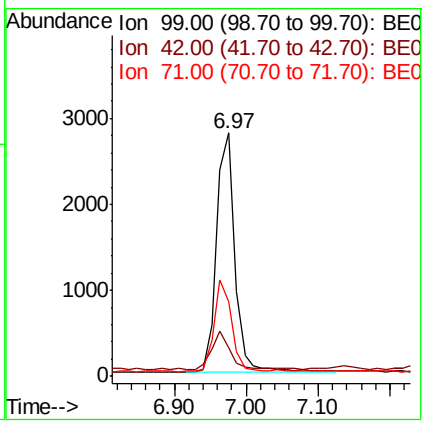


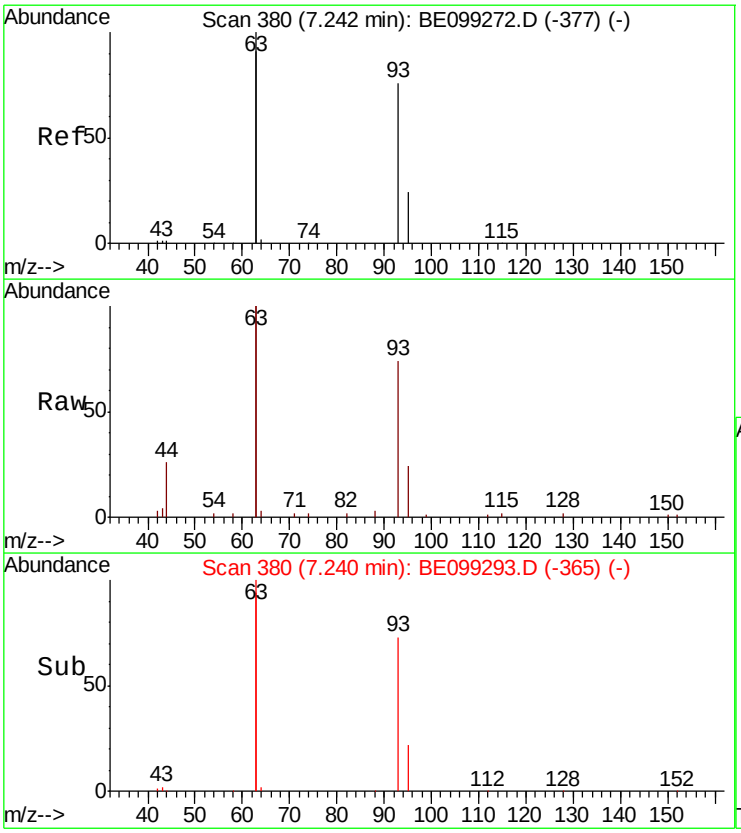
#5
Phenol-d6
Concen: 0.392 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4992

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.4	18.6
71	36.2	28.4	42.6

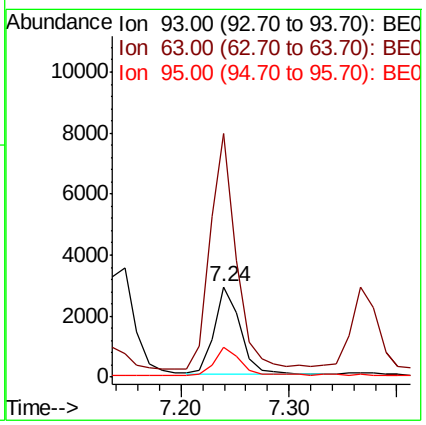


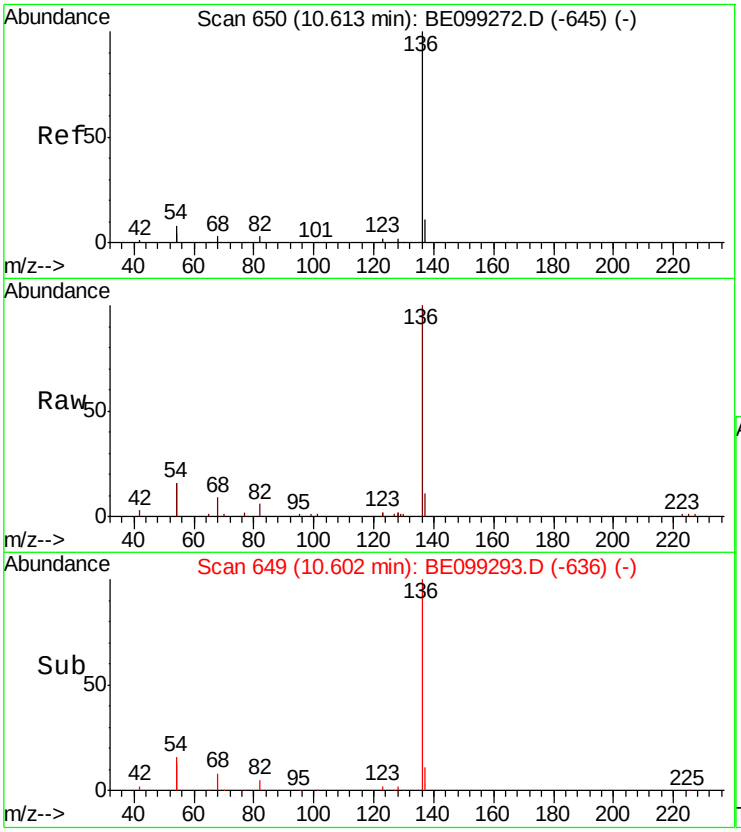


#6
bis(2-Chloroethyl)ether
Concen: 0.420 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion: 93 Resp: 4791

Ion	Ratio	Lower	Upper
93	100		
63	272.0	221.4	332.0
95	32.7	25.8	38.8



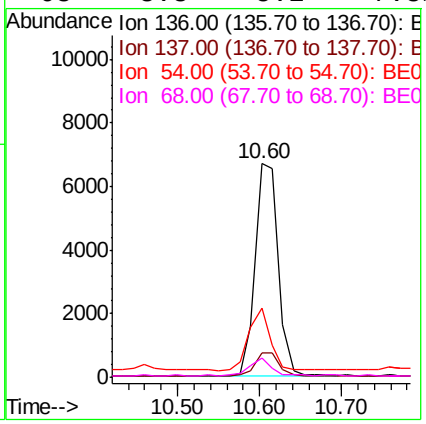


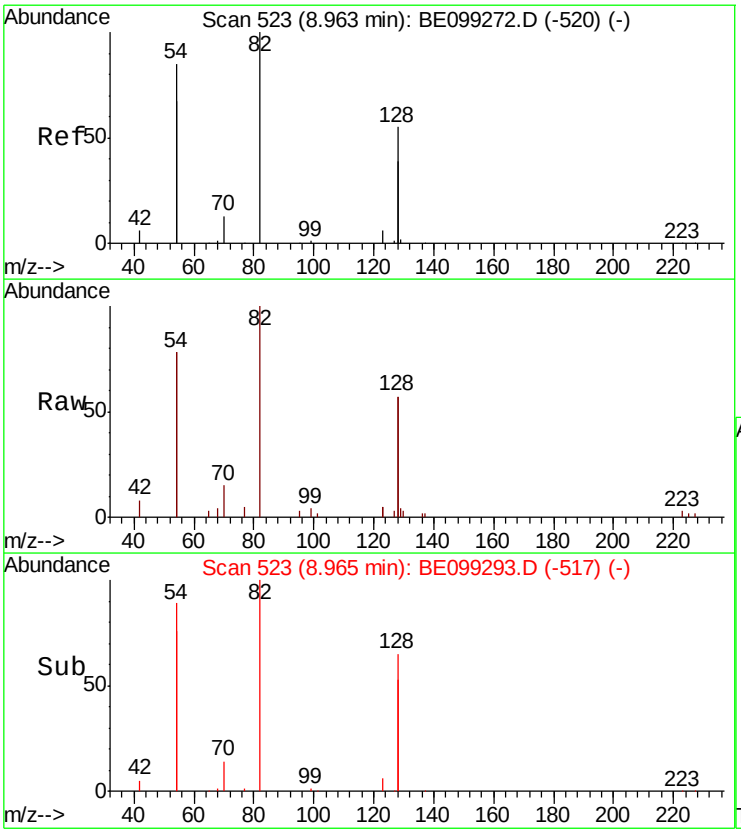
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 13027

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	32.6	18.7	28.1#
68	8.8	5.2	7.8#

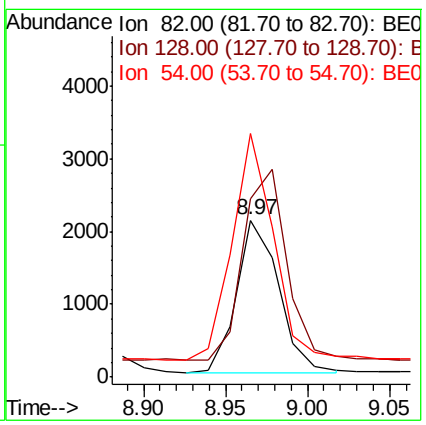


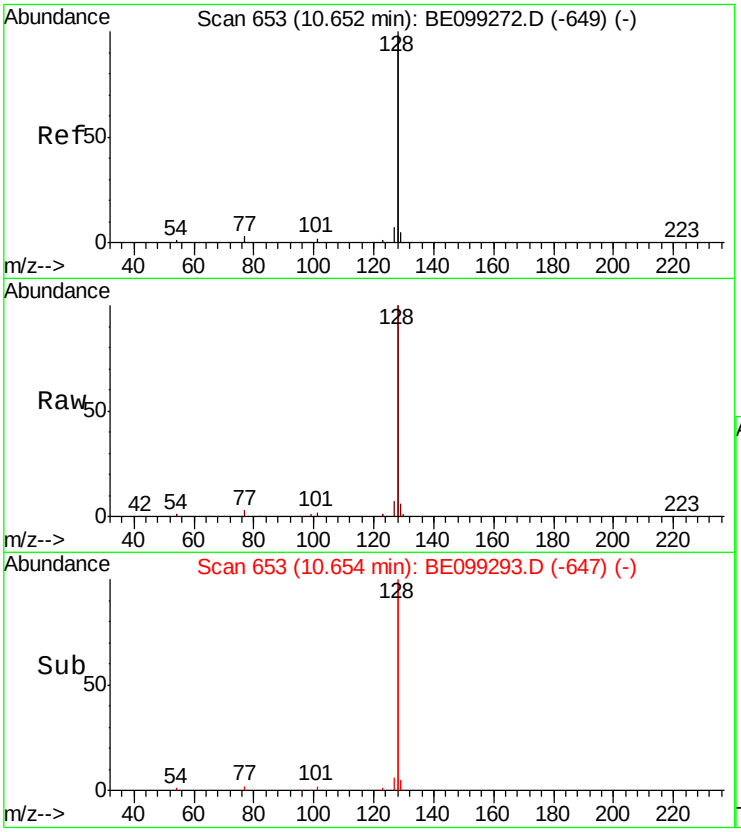


#8
Nitrobenzene-d5
Concen: 0.422 ng
RT: 8.97 min Scan# 523
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion: 82 Resp: 3776

Ion	Ratio	Lower	Upper
82	100		
128	113.5	107.5	161.3
54	155.2	106.3	159.5



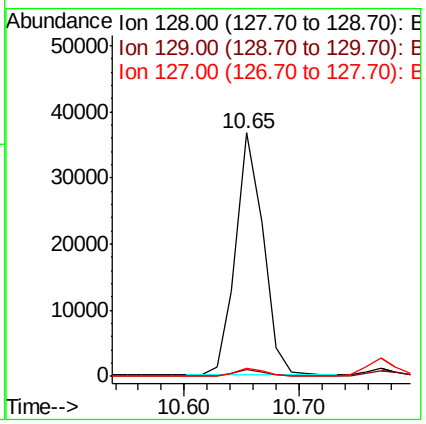


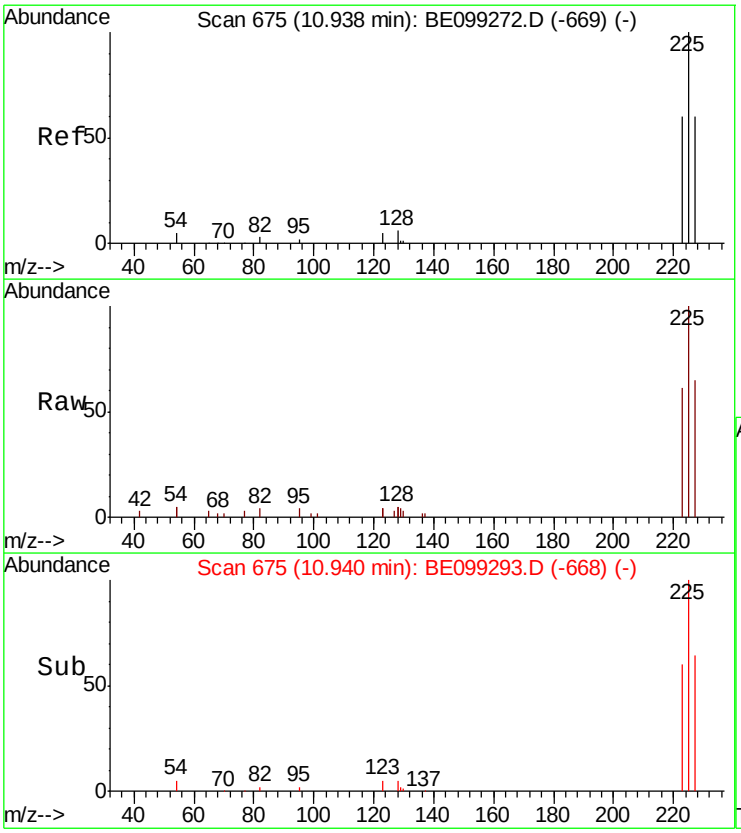
#9
Naphthalene
Concen: 0.430 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 60958

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.3	2.6	3.8

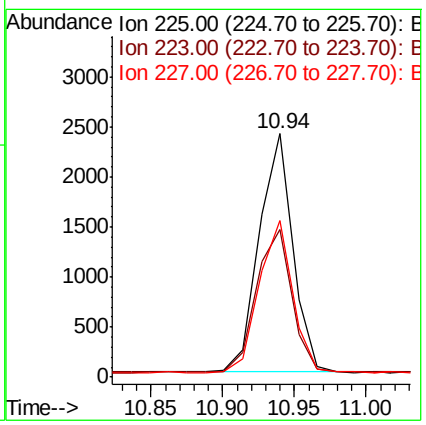


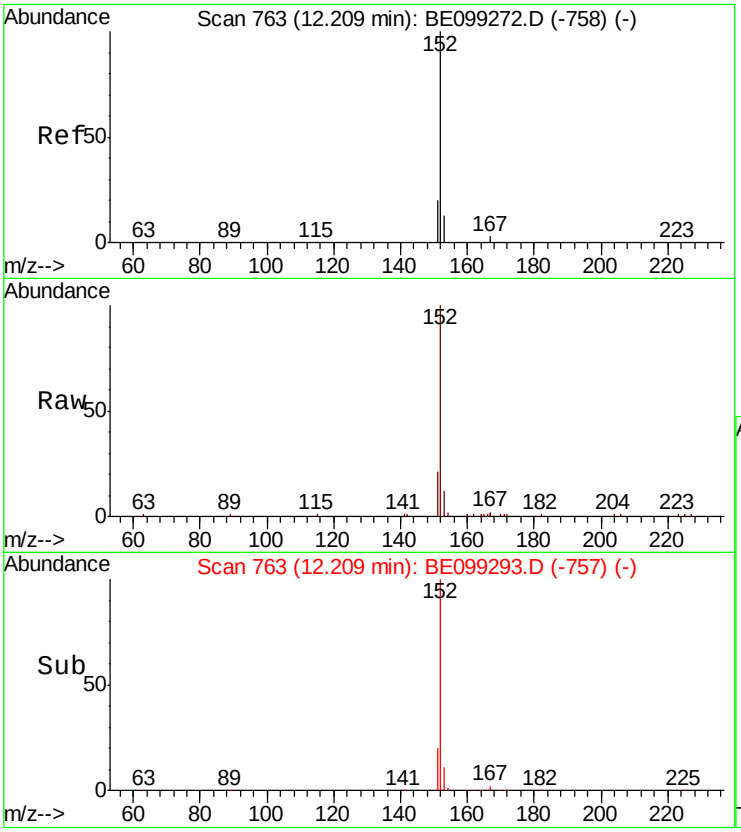


#10
Hexachlorobutadiene
Concen: 0.423 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.01 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:225 Resp: 3895

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.3	76.9
227	63.3	48.6	73.0



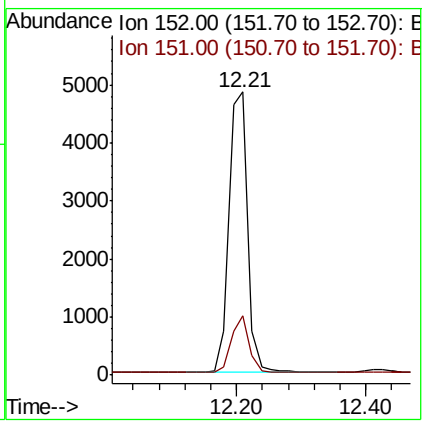


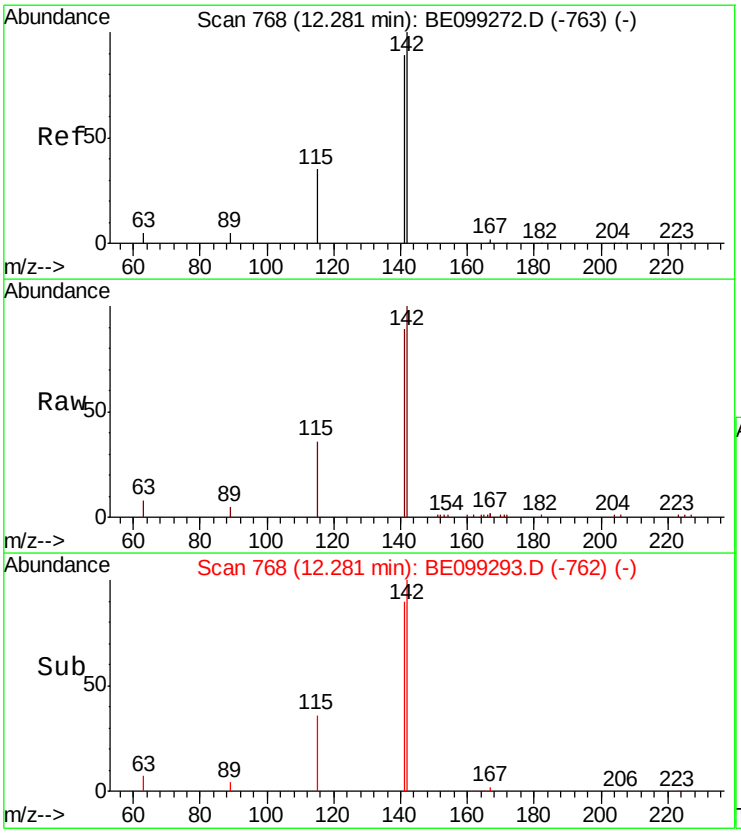
#11
2-Methylnaphthalene-d10
Concen: 0.423 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9614

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.0	22.6

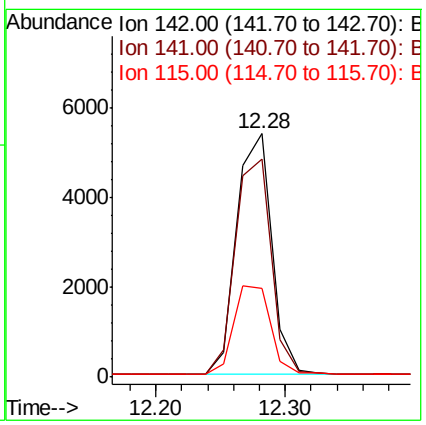


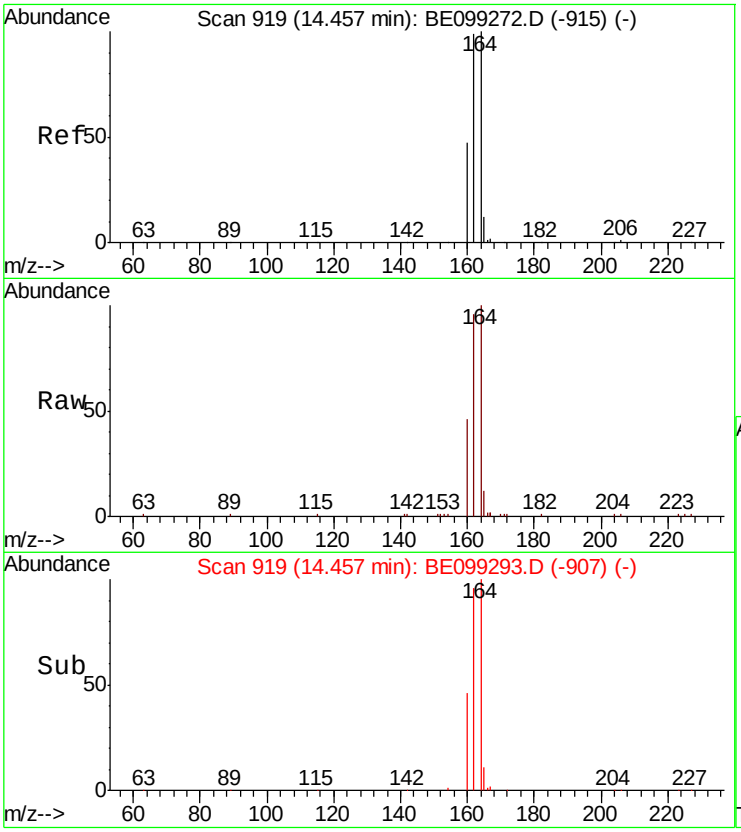


#12
2-Methylnaphthalene
Concen: 0.417 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:142 Resp: 10065

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	36.5	30.4	45.6



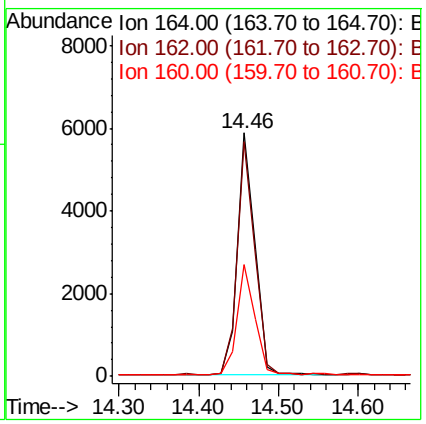


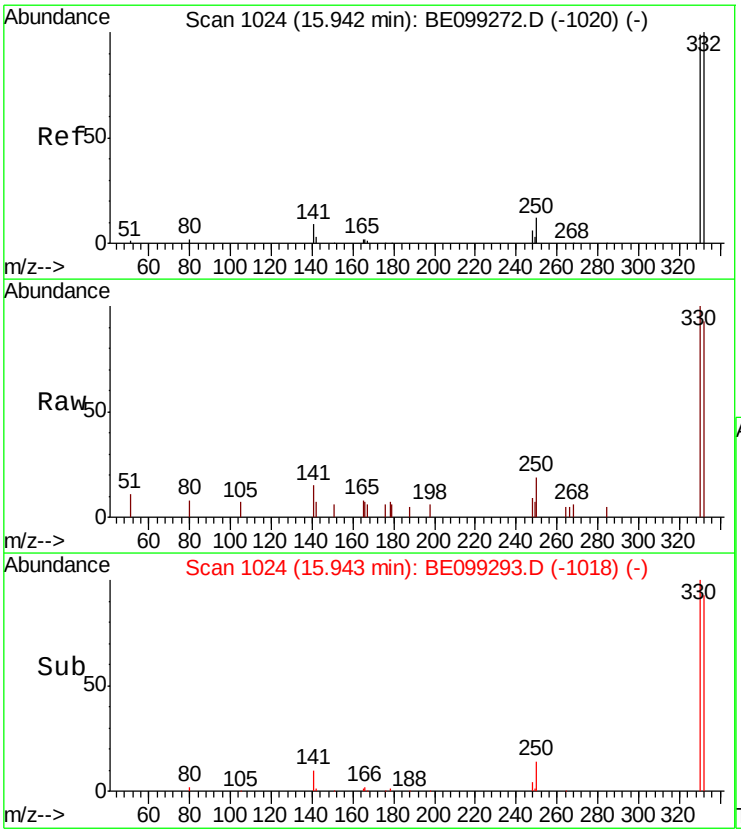
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8776

Ion	Ratio	Lower	Upper
164	100		
162	96.1	79.2	118.8
160	45.9	36.7	55.1

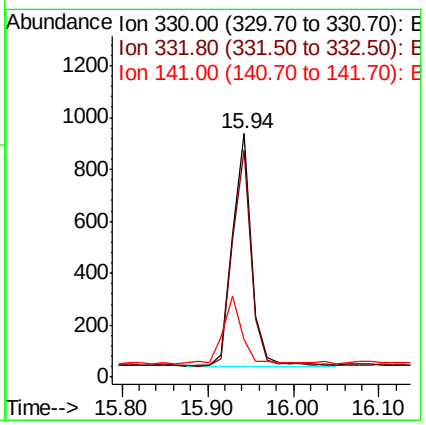


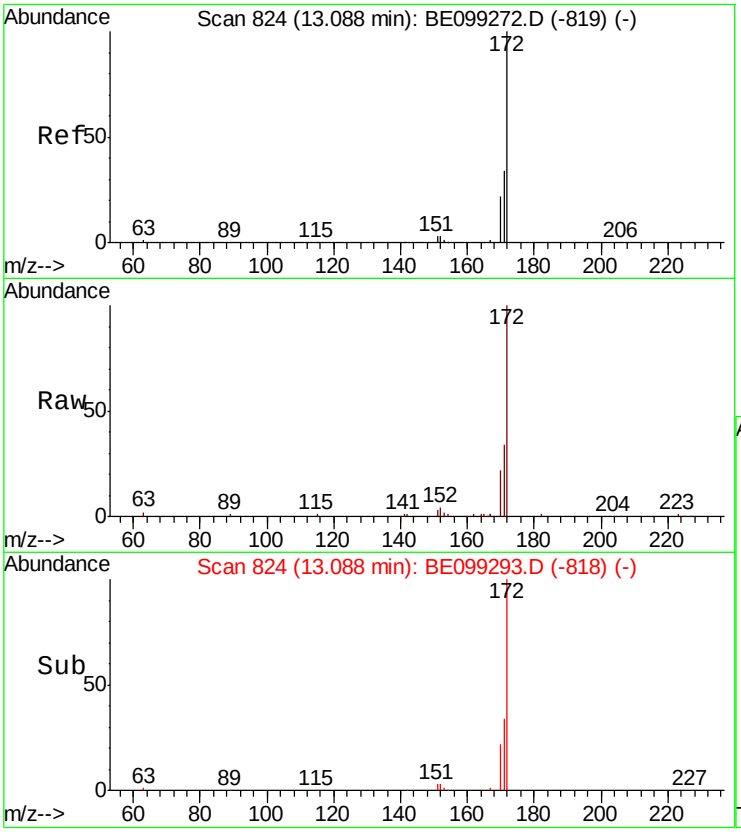


#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:330 Resp: 1384

Ion	Ratio	Lower	Upper
330	100		
332	93.1	71.3	106.9
141	29.6	21.7	32.5



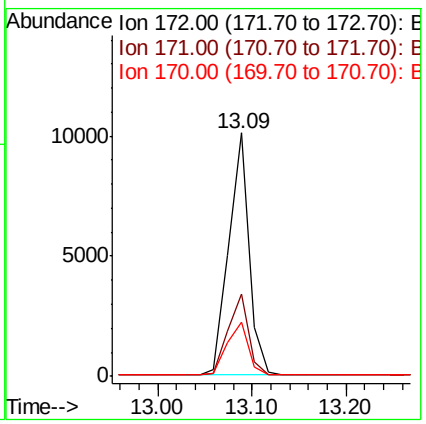


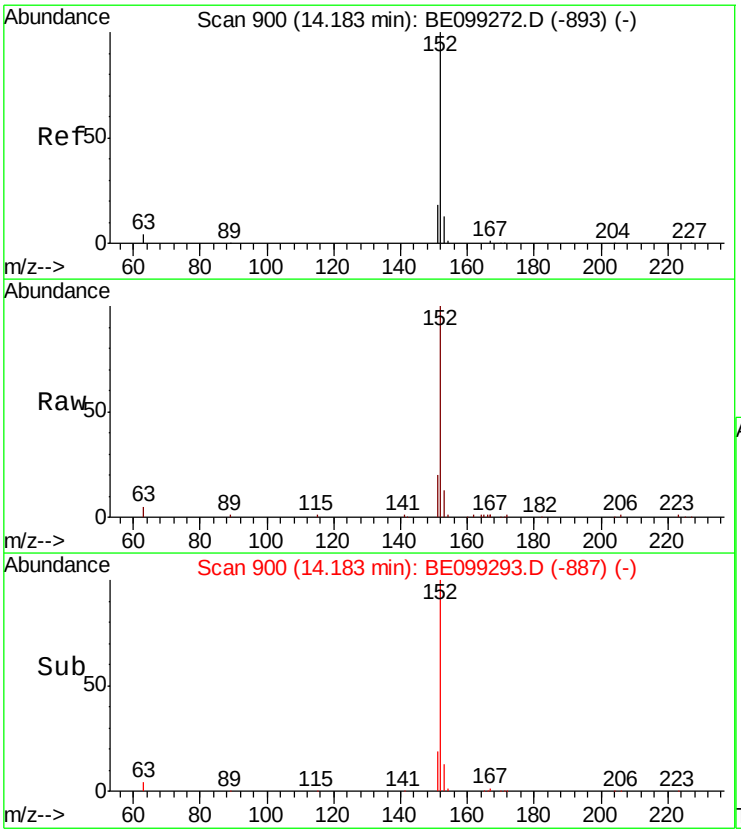
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 15180

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.4	41.0
170	22.2	19.1	28.7

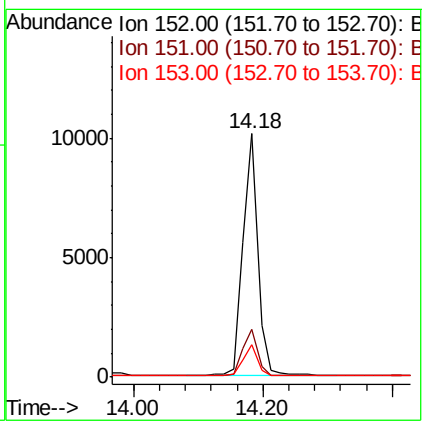


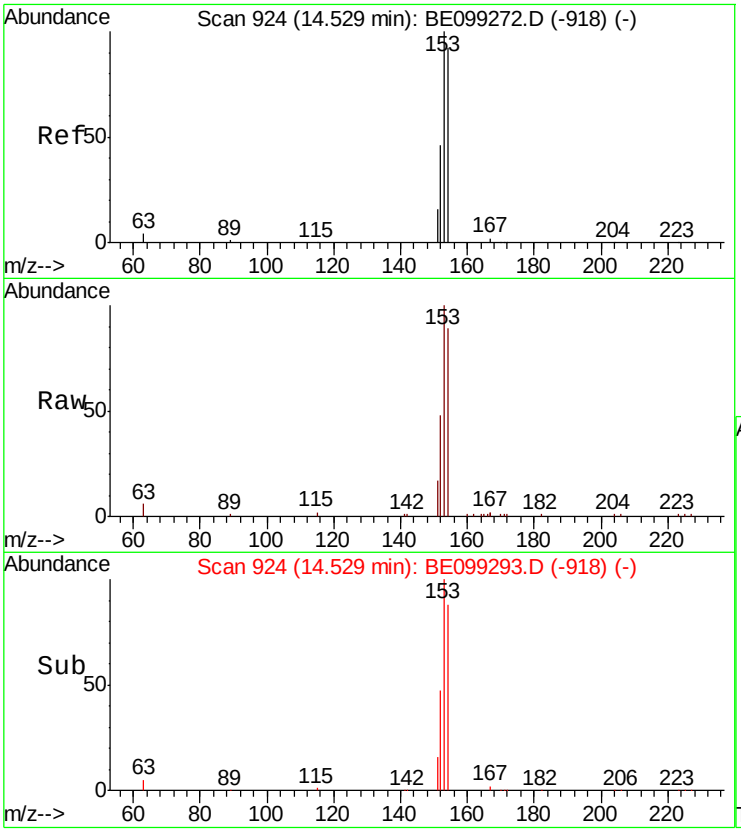


#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:152 Resp: 16261

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.8	10.6	15.8



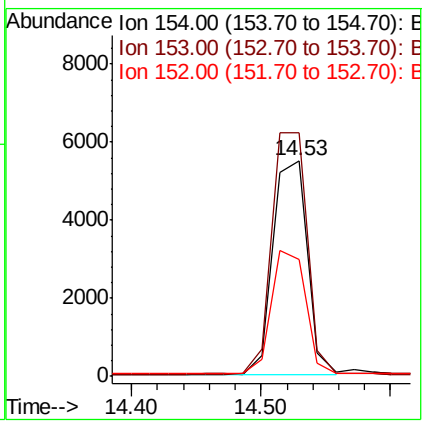


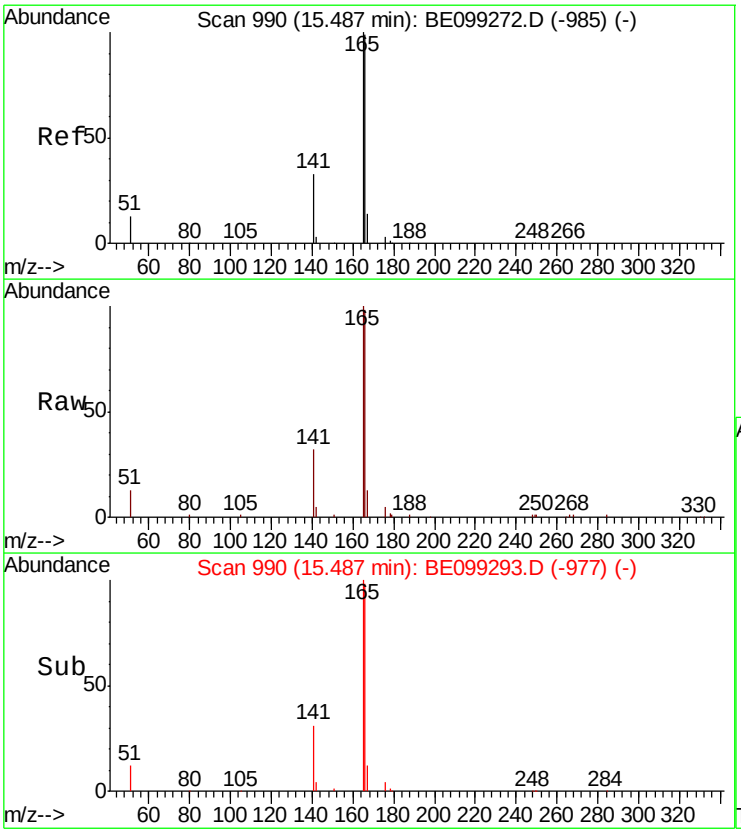
#17
Acenaphthene
Concen: 0.414 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10161

Ion	Ratio	Lower	Upper
154	100		
153	116.6	93.4	140.0
152	57.4	46.6	69.8

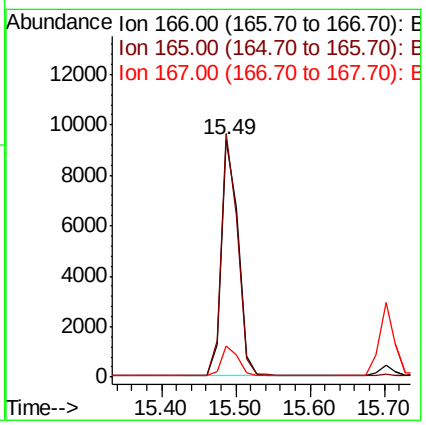


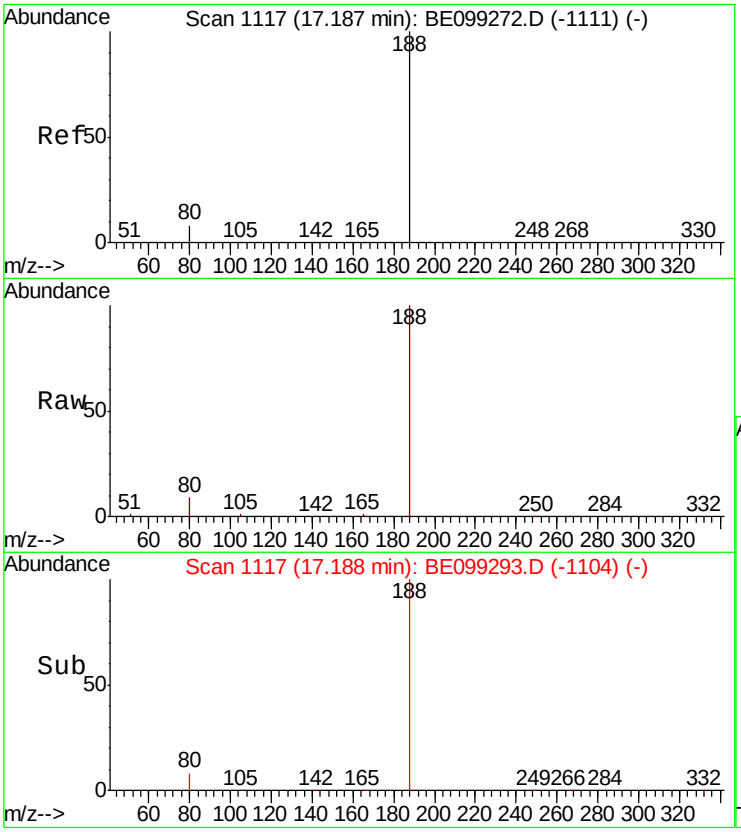


#18
Fluorene
Concen: 0.414 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:166 Resp: 14674

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.9	118.3
167	12.7	10.9	16.3



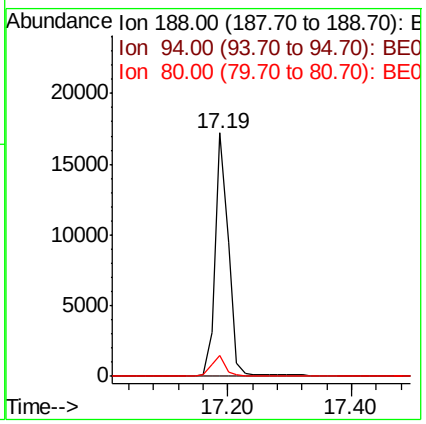


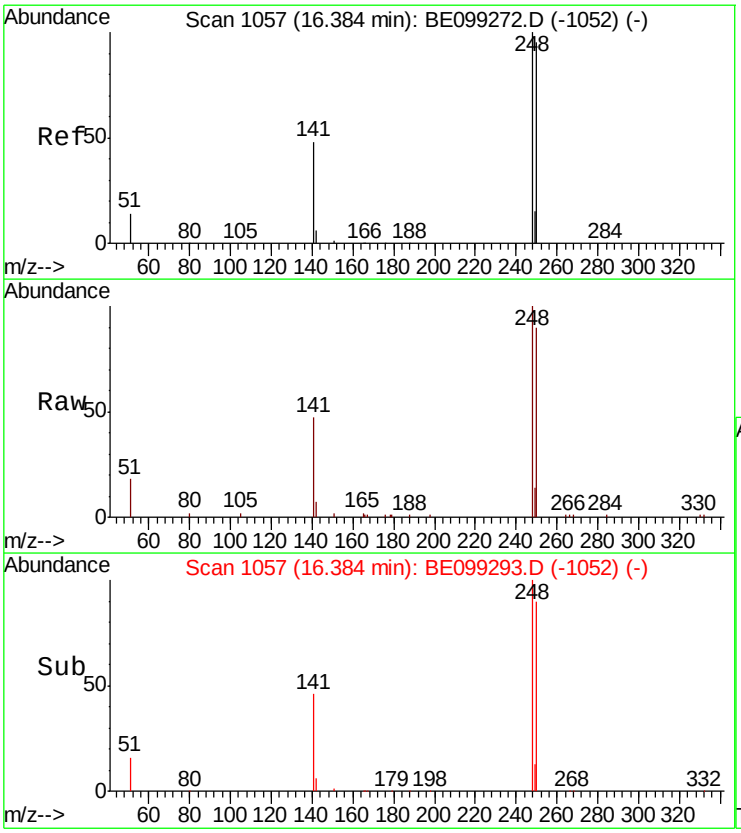
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 25106

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	4.5	6.7#

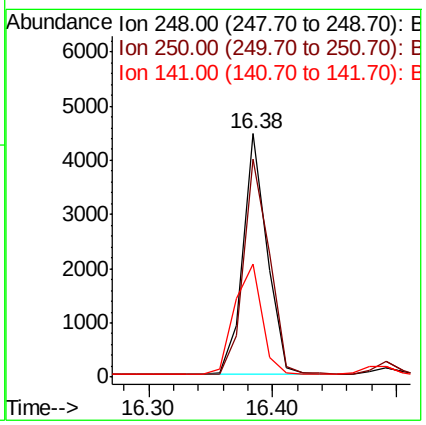


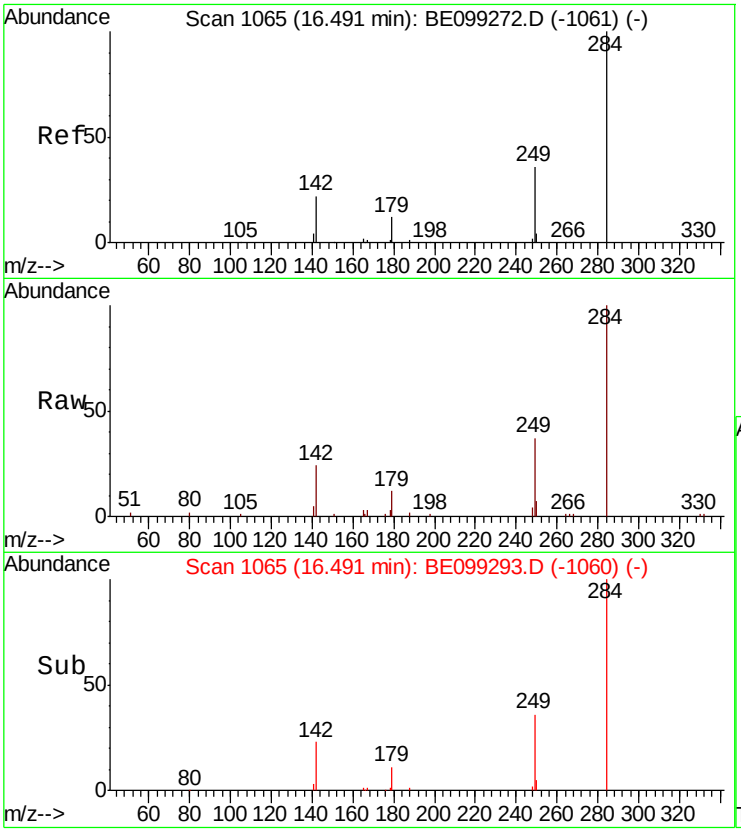


#20
4-Bromophenyl-phenylether
Concen: 0.423 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:248 Resp: 6033

Ion	Ratio	Lower	Upper
248	100		
250	89.8	84.2	126.2
141	46.6	21.8	32.6#



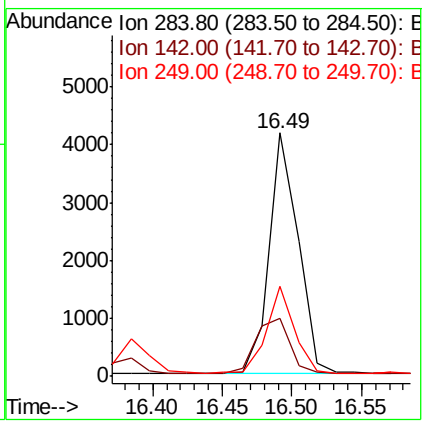


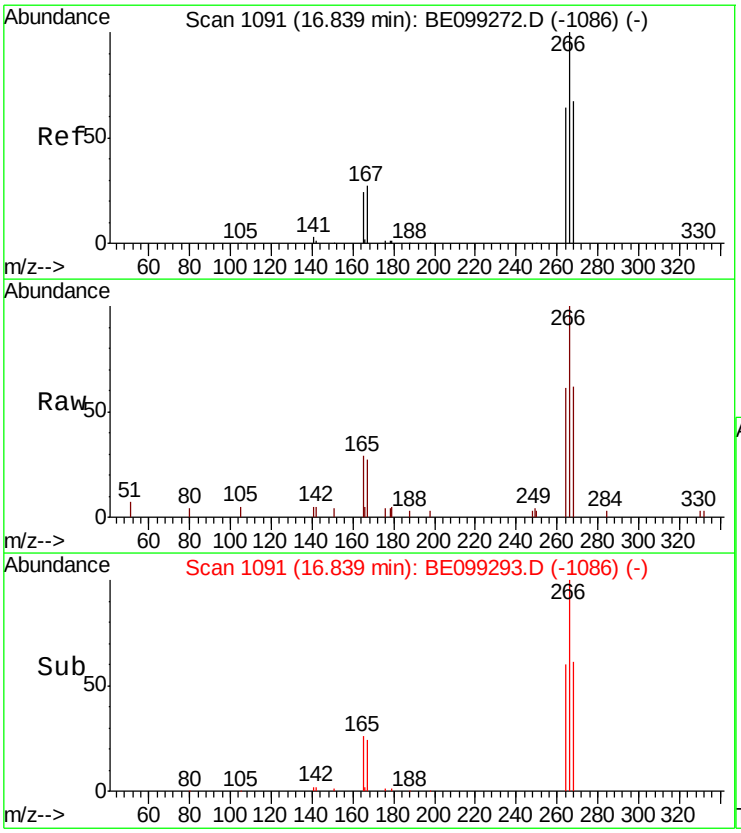
#21
Hexachlorobenzene
Concen: 0.442 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 5999

Ion	Ratio	Lower	Upper
284	100		
142	27.4	22.7	34.1
249	34.3	26.9	40.3

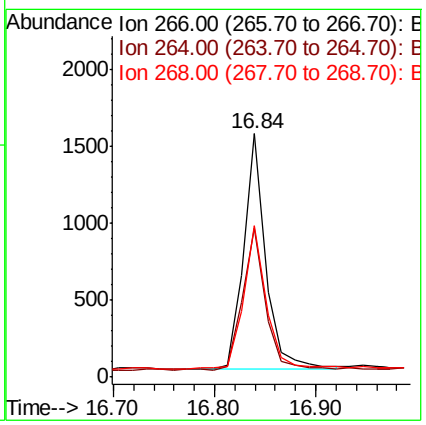


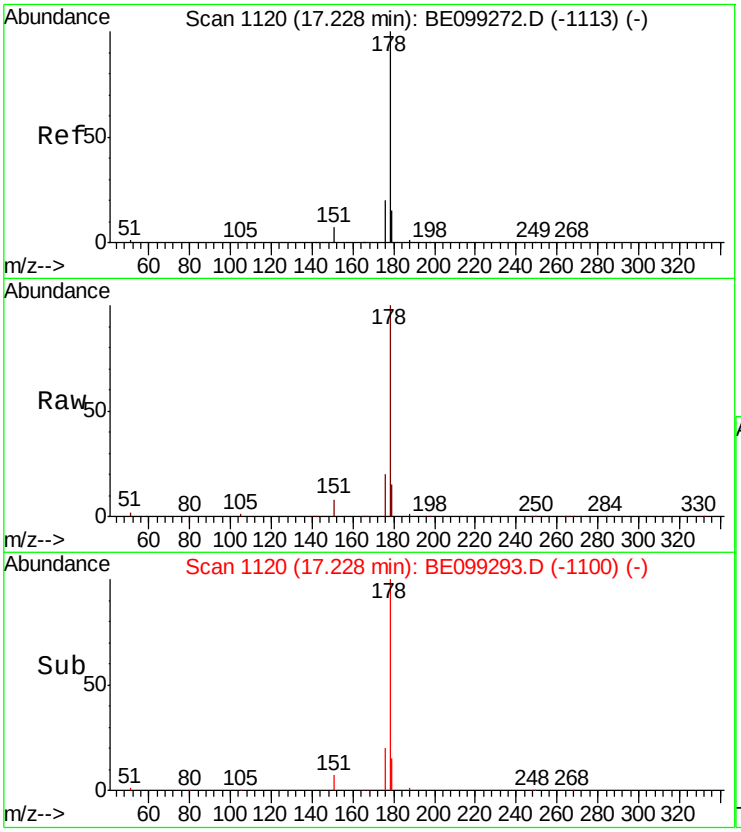


#22
Pentachlorophenol
Concen: 0.409 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:266 Resp: 2305

Ion	Ratio	Lower	Upper
266	100		
264	61.0	54.4	81.6
268	62.0	61.3	91.9



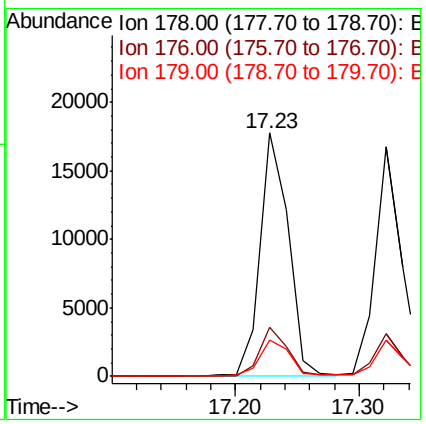


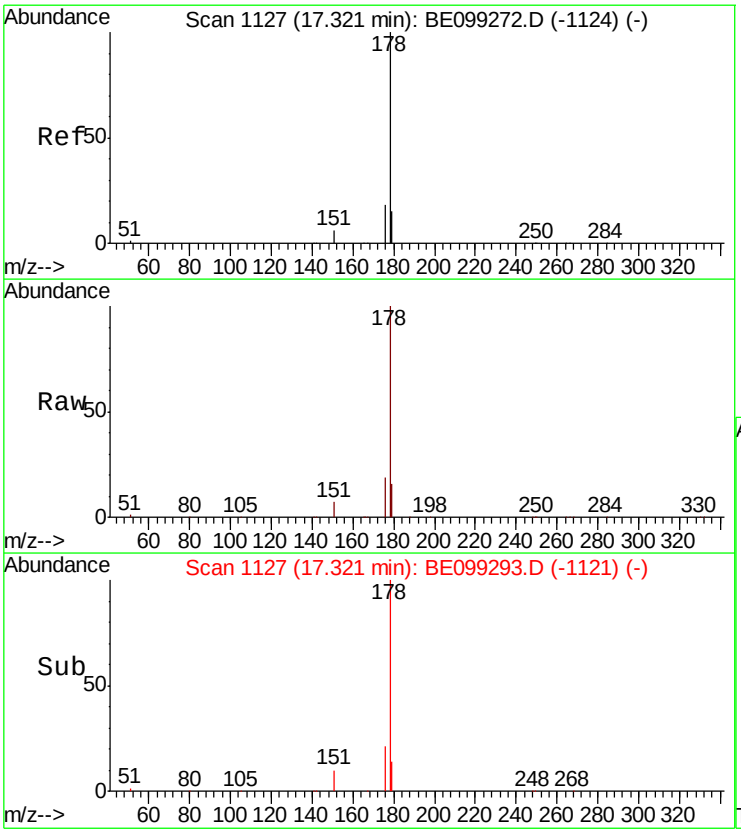
#23
Phenanthrene
Concen: 0.429 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 27864

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.3	18.5

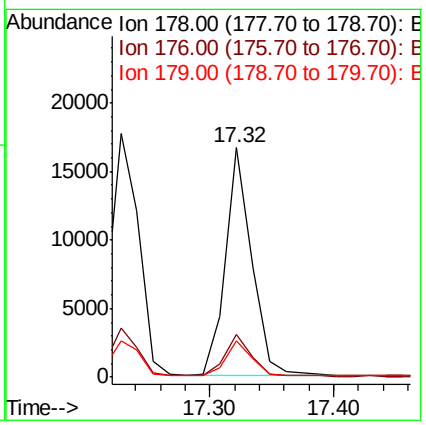


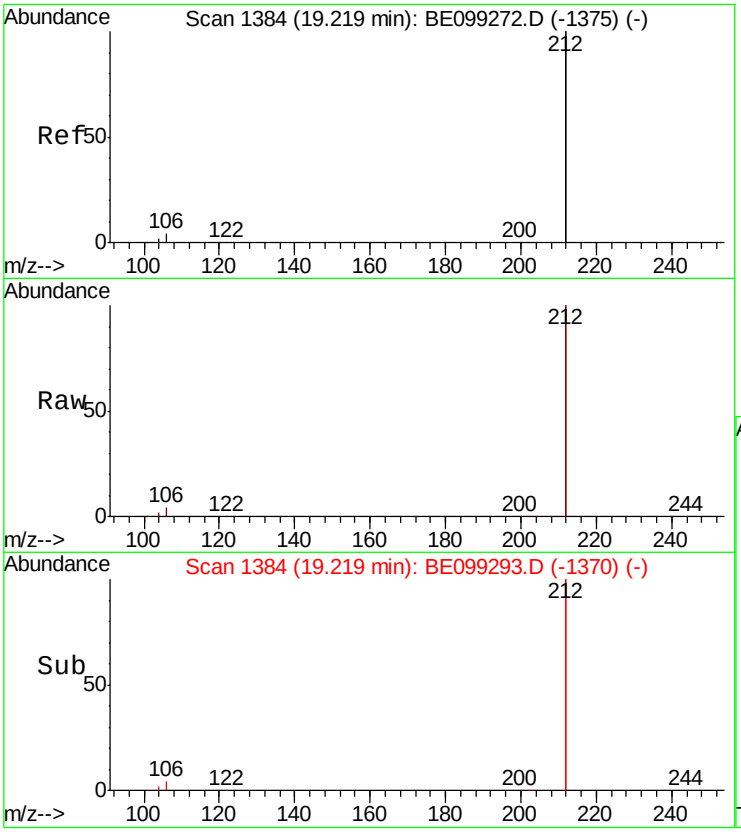


#24
Anthracene
Concen: 0.397 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:178 Resp: 24308

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.1	12.4	18.6



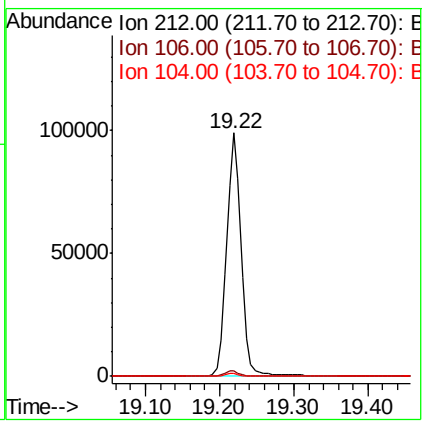


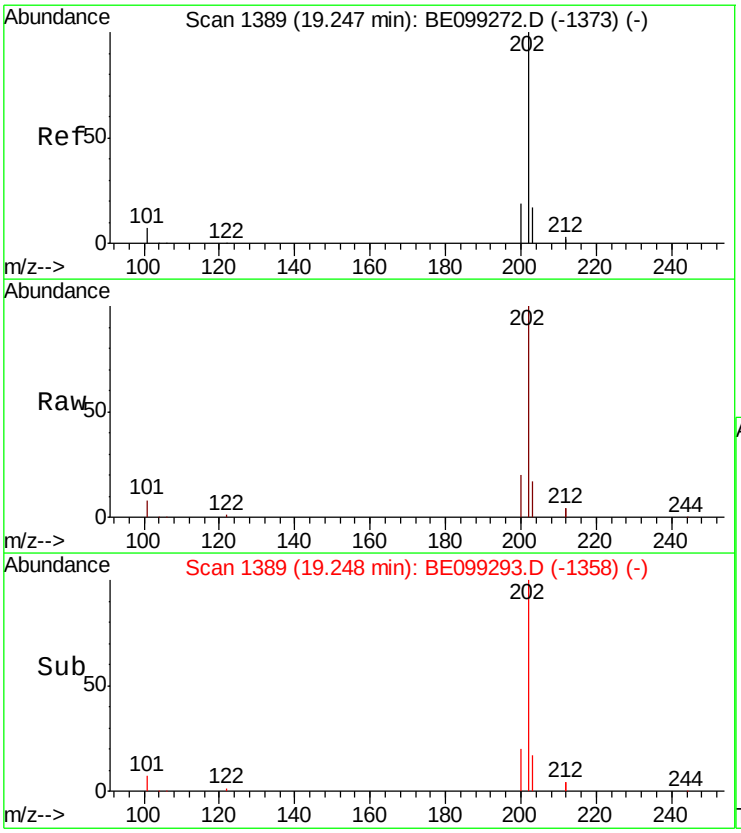
#25
Fluoranthene-d10
Concen: 0.402 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 133229

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.2	1.1	1.7

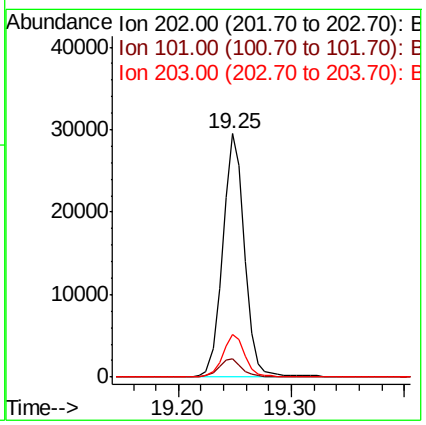


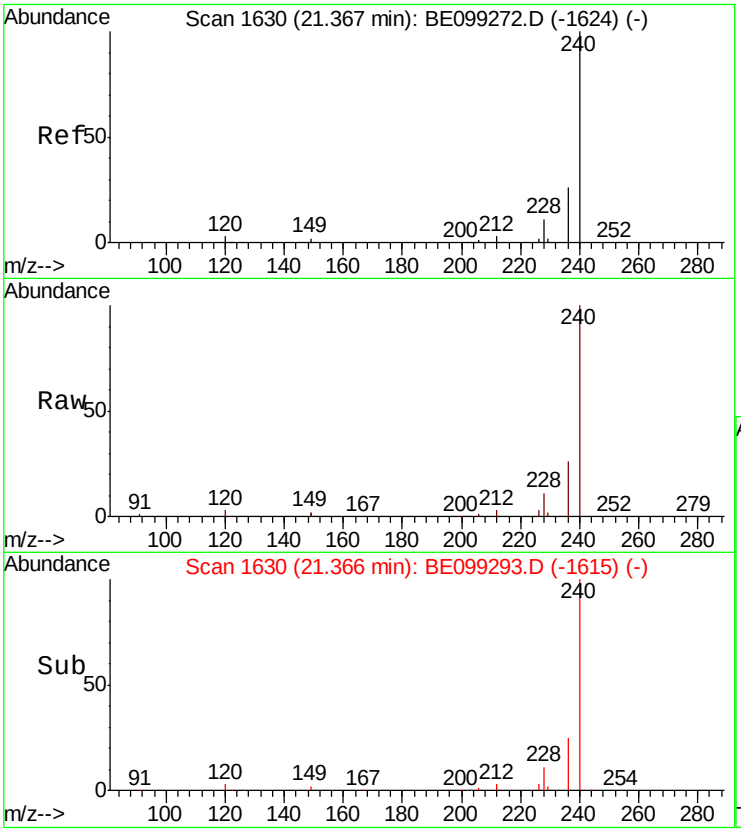


#26
Fluoranthene
Concen: 0.412 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:202 Resp: 39459

Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
203	17.2	13.8	20.6



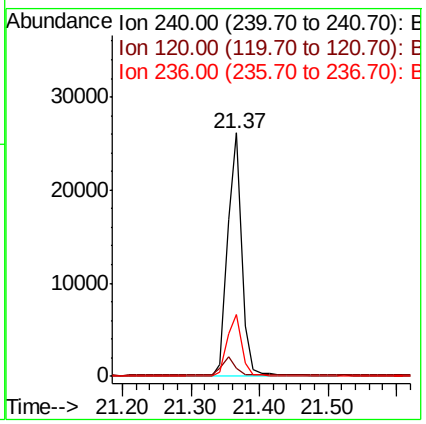


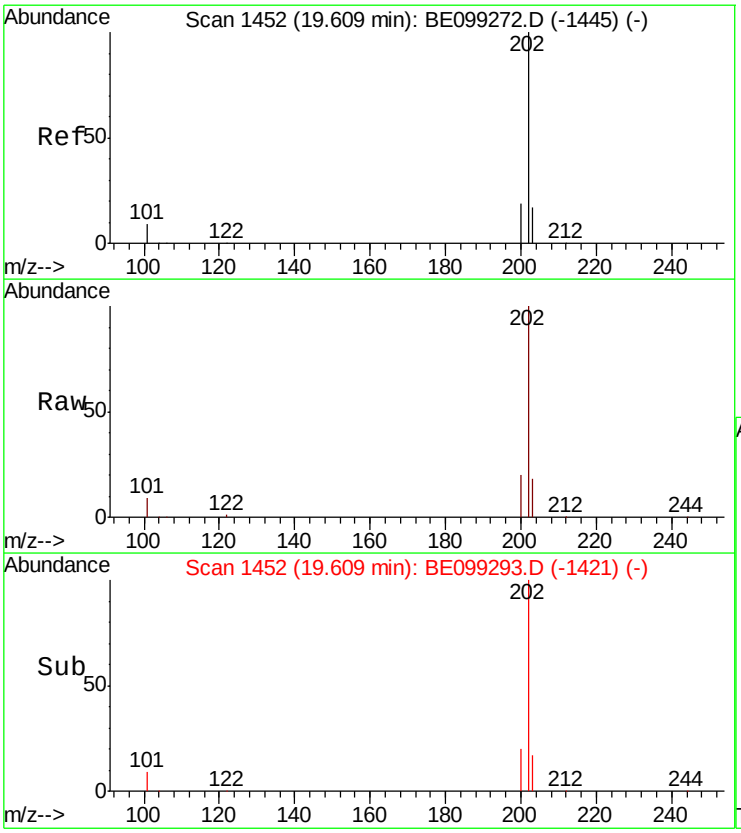
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 37188

Ion	Ratio	Lower	Upper
240	100		
120	3.1	2.6	3.8
236	25.5	20.9	31.3

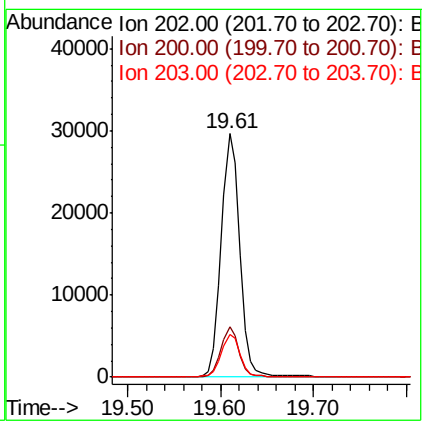


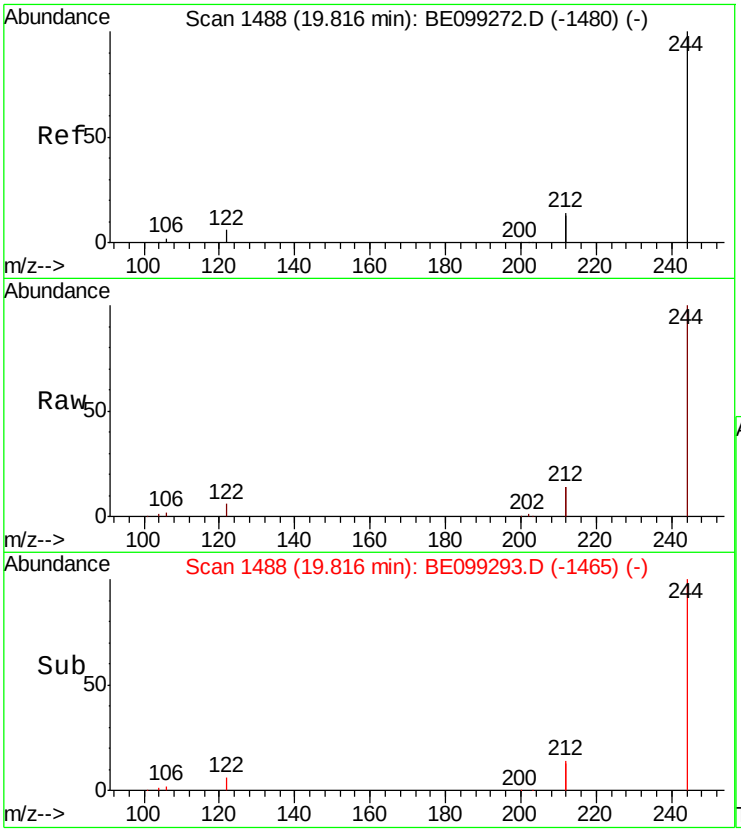


#28
Pyrene
Concen: 0.414 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:202 Resp: 40621

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	17.5	14.1	21.1



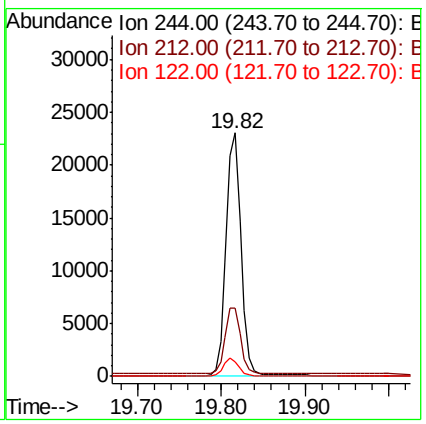


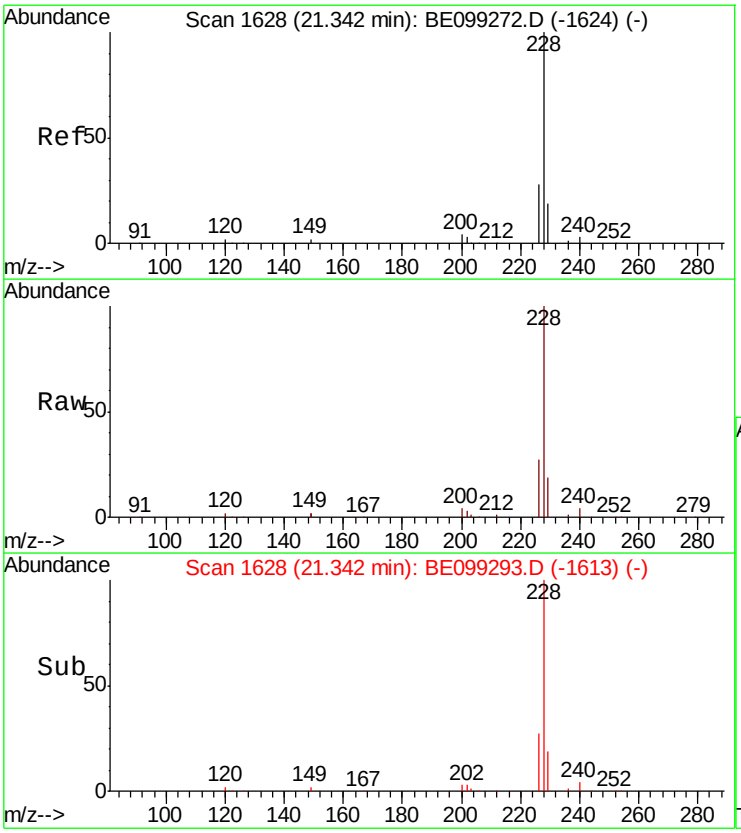
#29
Terphenyl-d14
Concen: 0.421 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 28575

Ion	Ratio	Lower	Upper
244	100		
212	28.0	22.7	34.1
122	6.1	5.8	8.6

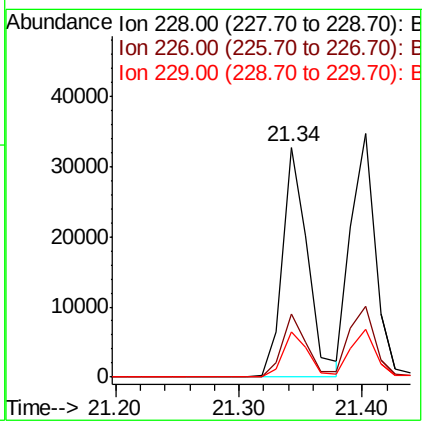


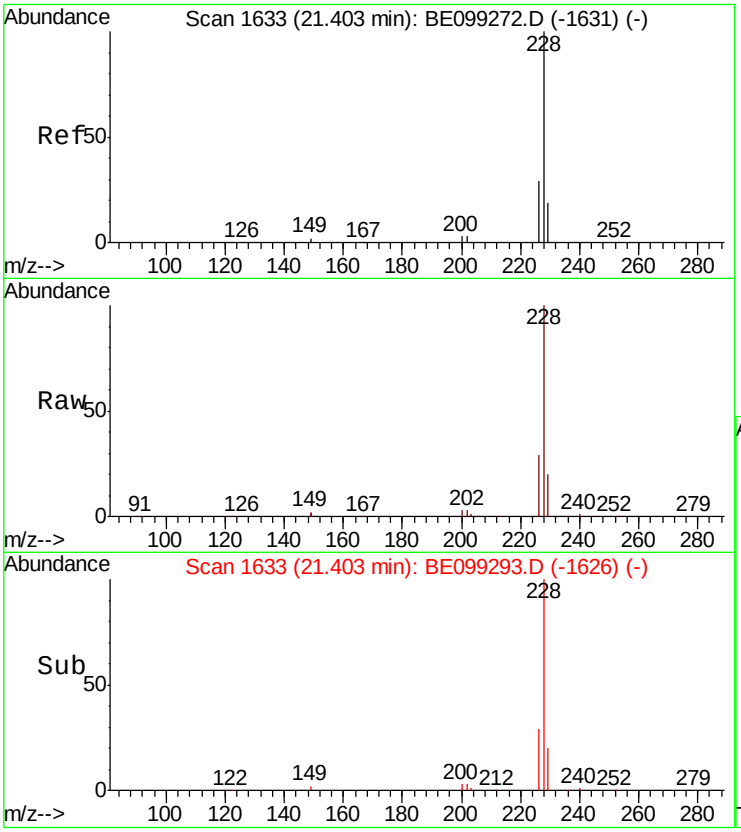


#30
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:228 Resp: 46792

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	19.5	15.9	23.9



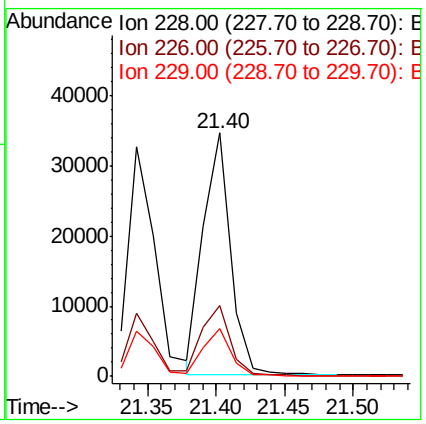


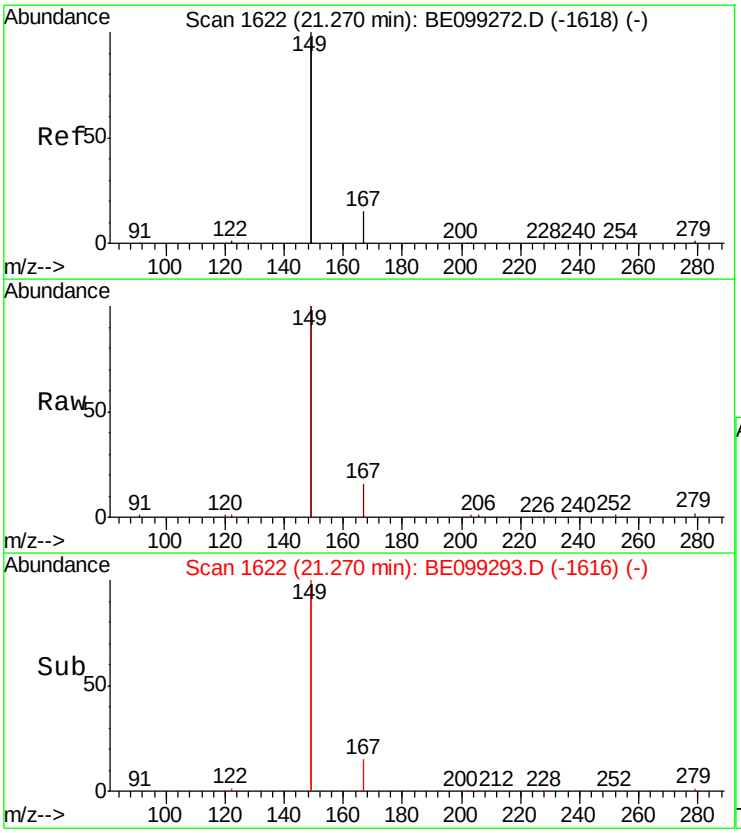
#31
Chrysene
Concen: 0.418 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 47979

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.8	37.2
229	19.9	15.4	23.0

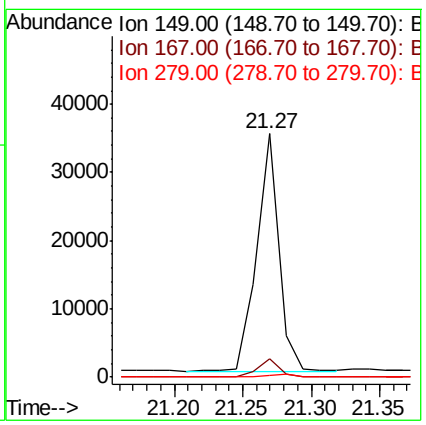


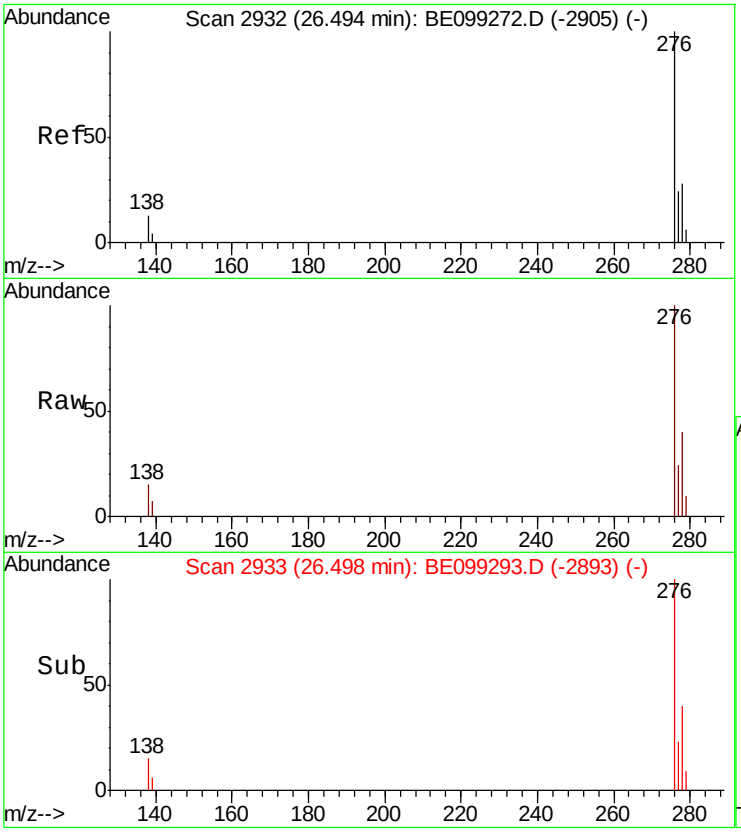


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.260 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:149 Resp: 38823

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.2	1.0	1.6



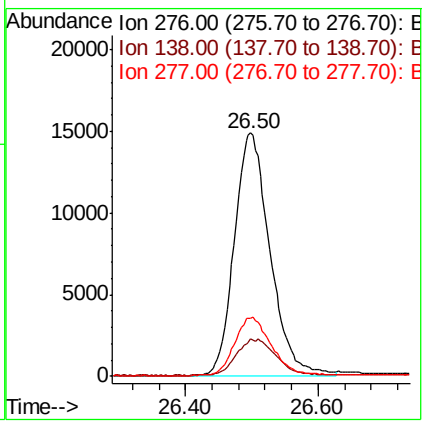


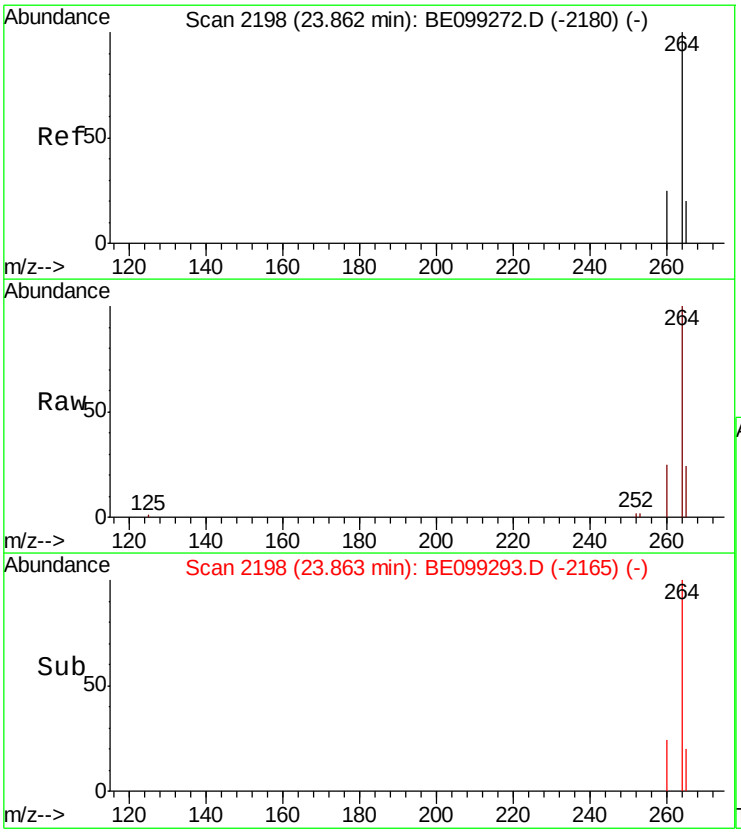
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng
RT: 26.50 min Scan# 2933
Delta R.T. -0.06 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 55322

Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.9	19.3
277	24.3	18.3	27.5

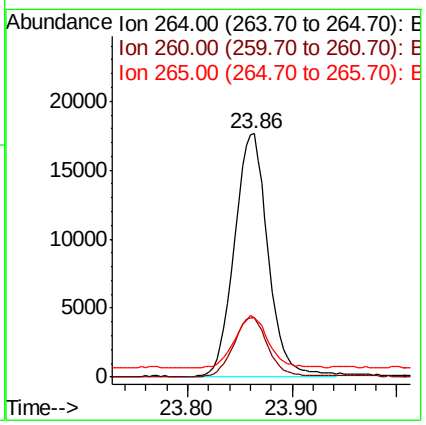


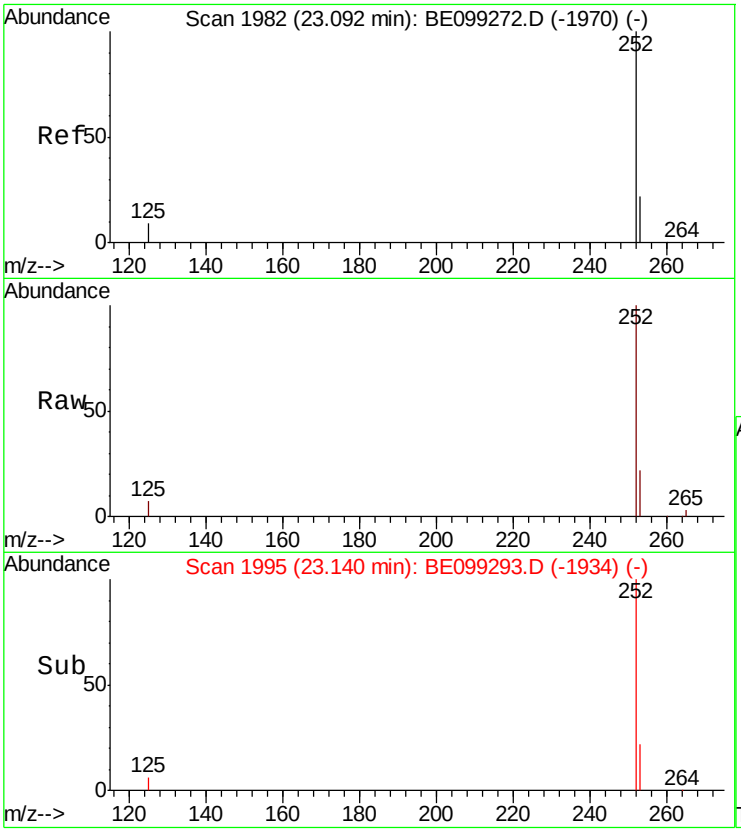


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:264 Resp: 39063

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.2
265	24.4	21.8	32.8



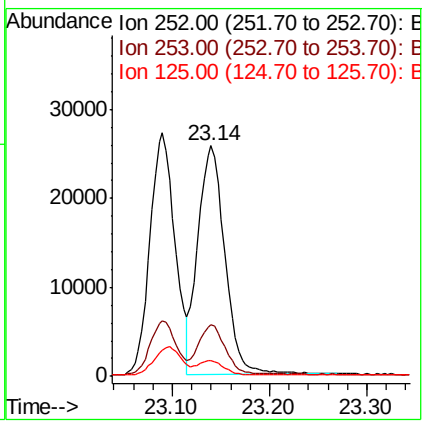


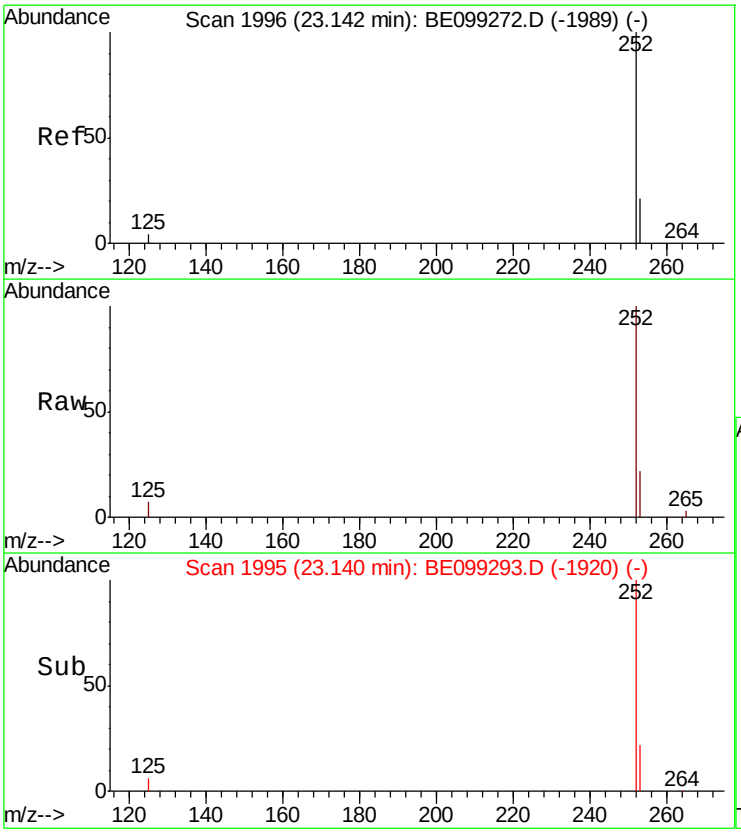
#35
Benzo(b)fluoranthene
Concen: 0.426 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.02 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 49622

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	6.7	6.1	9.1

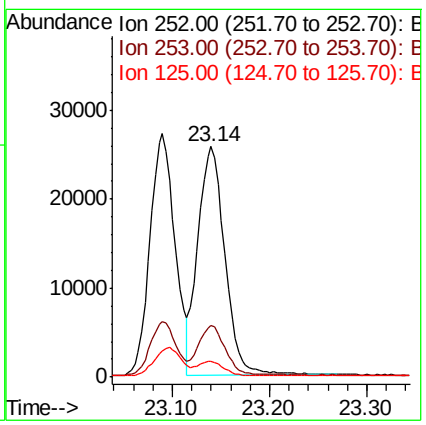


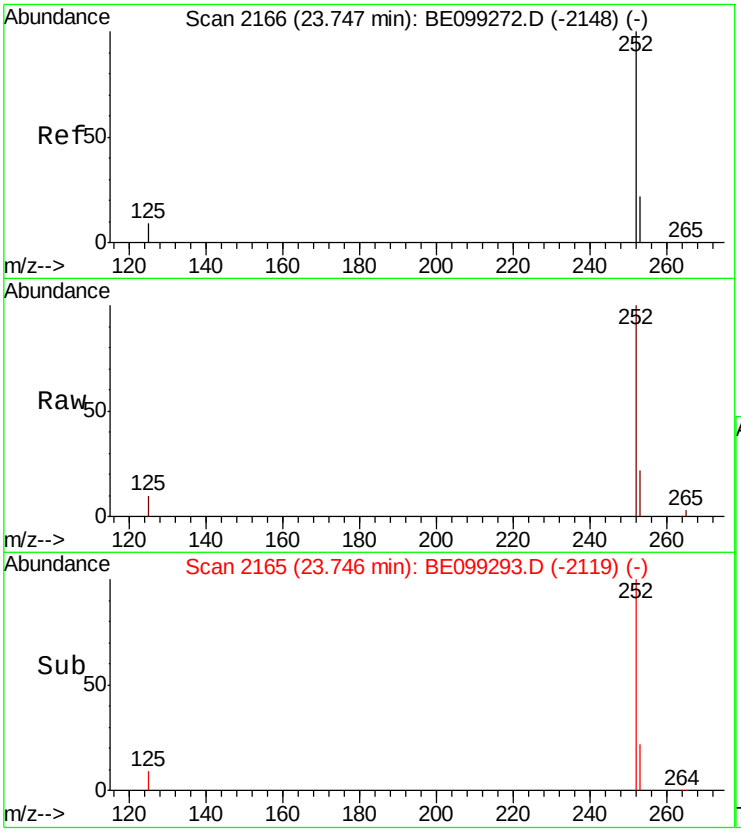


#36
Benzo(k)fluoranthene
Concen: 0.437 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.03 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:252 Resp: 49622

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	6.7	5.9	8.9



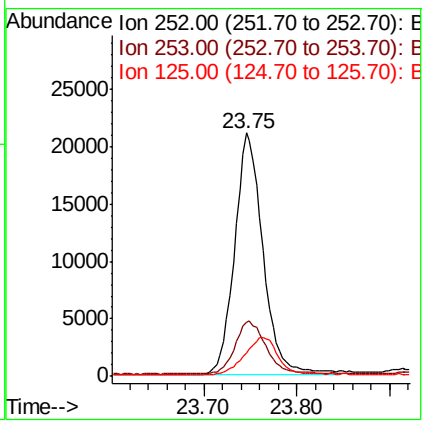


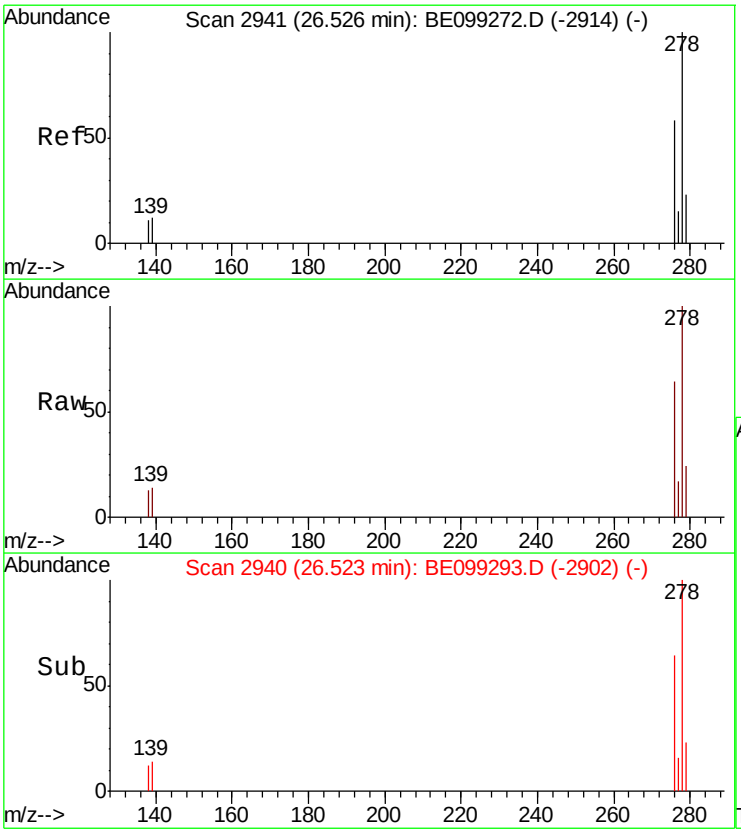
#37
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.03 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 44680

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	9.6	6.8	10.2

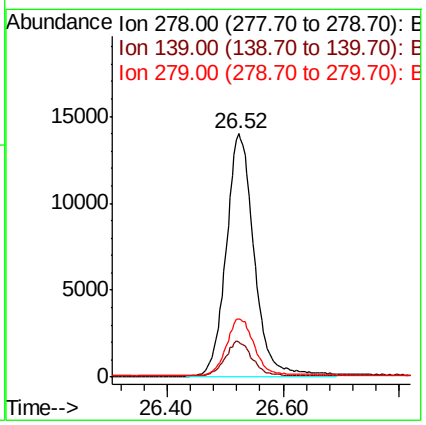


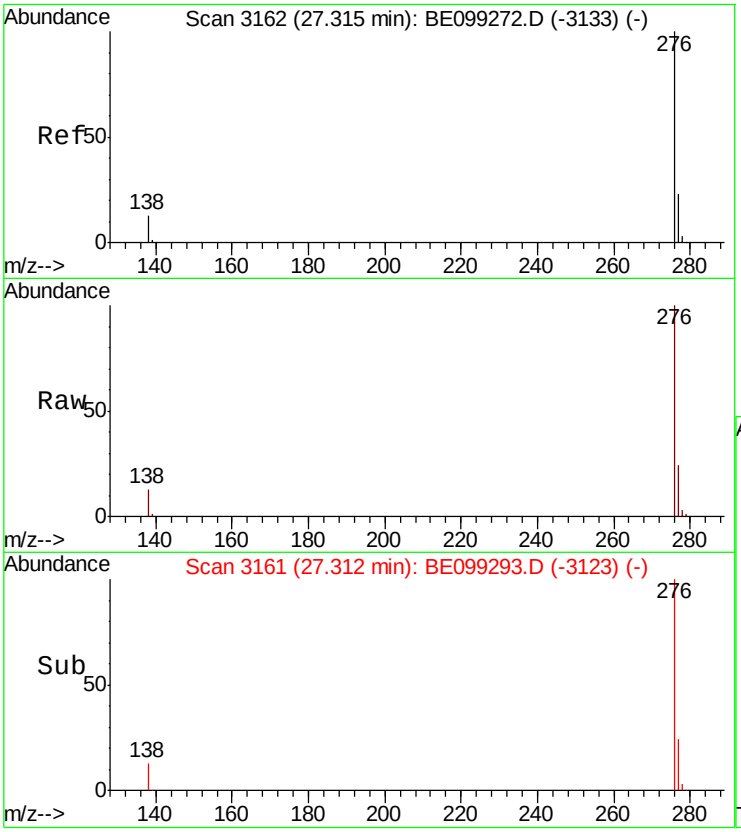


#38
Dibenzo(a,h)anthracene
Concen: 0.427 ng
RT: 26.52 min Scan# 2940
Delta R.T. -0.07 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Tgt Ion:278 Resp: 46506

Ion	Ratio	Lower	Upper
278	100		
139	14.2	9.5	14.3
279	23.7	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.417 ng
RT: 27.31 min Scan# 3161
Delta R.T. -0.07 min
Lab File: BE099293.D
Acq: 4 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 45248

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	13.1	11.1	16.7