Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
Data File : BE099219.D
Acq On : 26 Mar 2019 17:34
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 27 08:50:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4672	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	20940	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	15354	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	40019	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	47184	0.40	ng		-0.01
34) Perylene-d12	23.89	264	45879	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4745	0.34	ng		0.00
5) Phenol-d6	6.99	99	7426	0.35	ng		0.00
8) Nitrobenzene-d5	8.99	82	6059	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	14676	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1902	0.45	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	22467	0.36	ng		0.00
25) Fluoranthene-d10	19.24	212	174534	0.36	ng		0.00
29) Terphenyl-d14	19.83	244	34123	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2058	0.334	ng	#	97
3) n-Nitrosodimethylamine	3.67	42	1080	0.313	ng	#	93
6) bis(2-Chloroethyl)ether	7.26	93	5692	0.340	ng		98
9) Naphthalene	10.68	128	88242	0.357	ng		100
10) Hexachlorobutadiene	10.95	225	4783	0.363	ng		96
12) 2-Methylnaphthalene	12.30	142	15657	0.355	ng		97
16) Acenaphthylene	14.20	152	26253	0.335	ng		100
17) Acenaphthene	14.54	154	16494	0.352	ng		98
18) Fluorene	15.52	166	23099	0.351	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	8554	0.331	ng	#	75
21) Hexachlorobenzene	16.51	284	8387	0.336	ng		99
22) Pentachlorophenol	16.85	266	1674	0.678	ng	#	89
23) Phenanthrene	17.24	178	40040	0.341	ng		100
24) Anthracene	17.34	178	35636	0.336	ng		99
26) Fluoranthene	19.26	202	51634	0.344	ng		100
28) Pyrene	19.63	202	52836	0.337	ng		99
30) Benzo(a)anthracene	21.37	228	52514	0.337	ng		99
31) Chrysene	21.41	228	56134	0.337	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	59619	0.321	ng		100
33) Indeno(1,2,3-cd)pyrene	26.56	276	47394	0.301	ng		98
35) Benzo(b)fluoranthene	23.17	252	55188	0.366	ng		99
36) Benzo(k)fluoranthene	23.17	252	57080	0.358	ng		99
37) Benzo(a)pyrene	23.78	252	47917	0.340	ng	#	98
38) Dibenzo(a,h)anthracene	26.58	278	39423	0.315	ng	#	92
39) Benzo(g,h,i)perylene	27.37	276	37755	0.301	ng		97

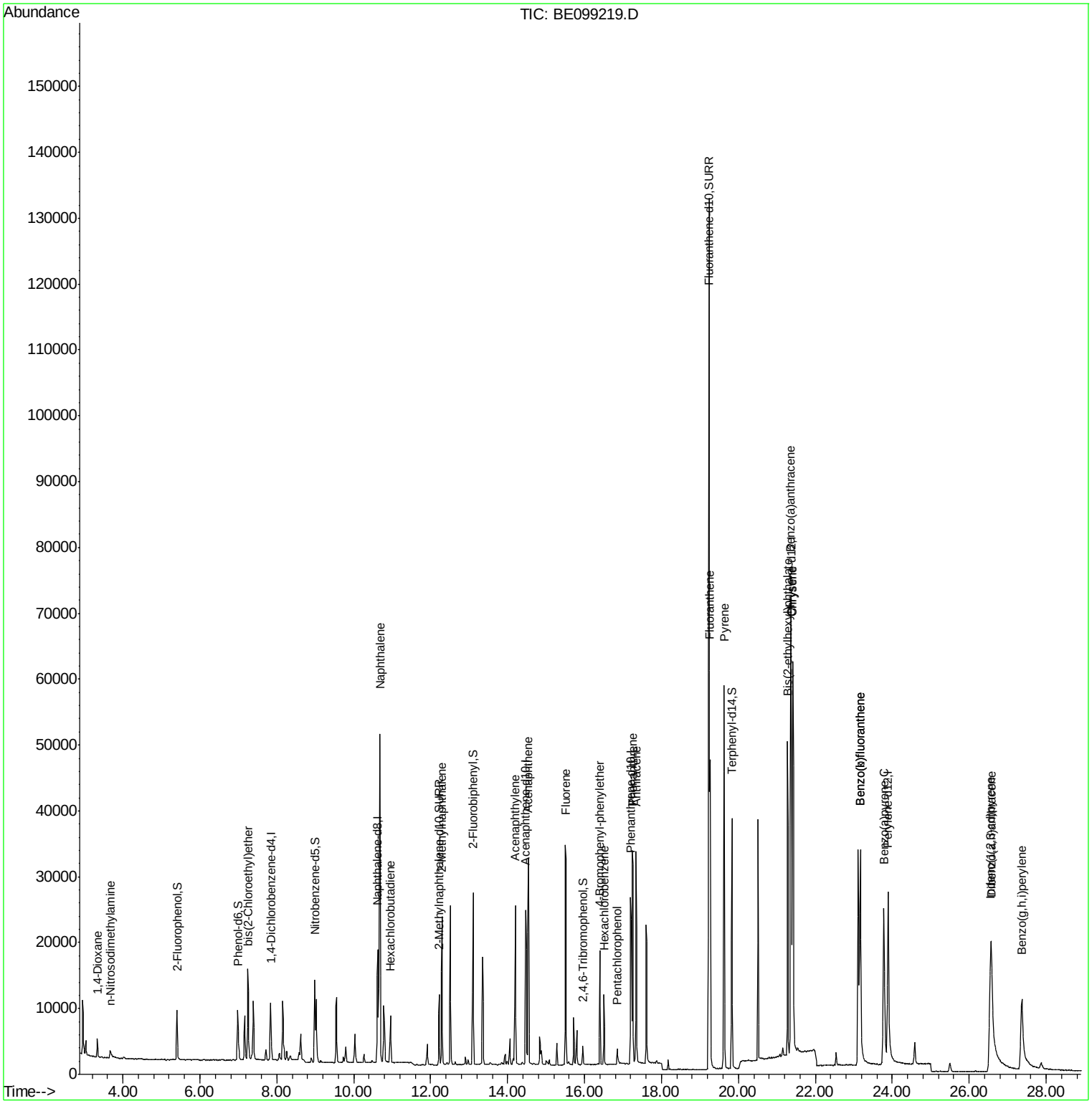
(#) = qualifier out of range (m) = manual integration (+) = signals summed

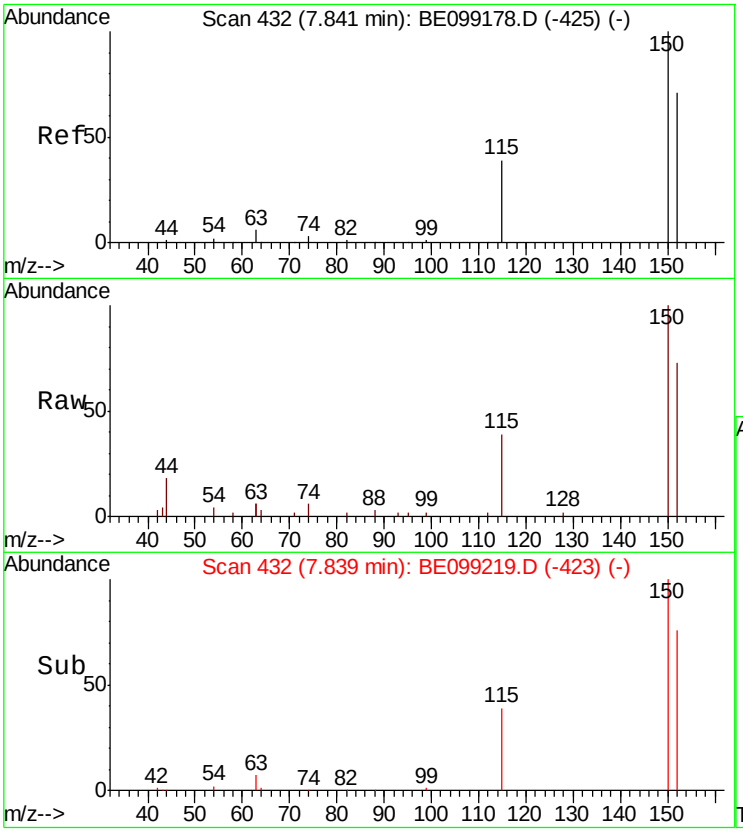
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
Data File : BE099219.D
Acq On : 26 Mar 2019 17:34
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 27 08:50:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration



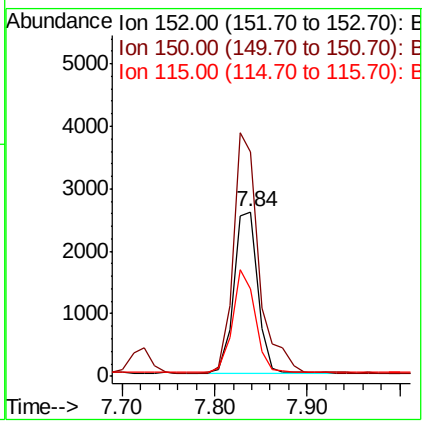


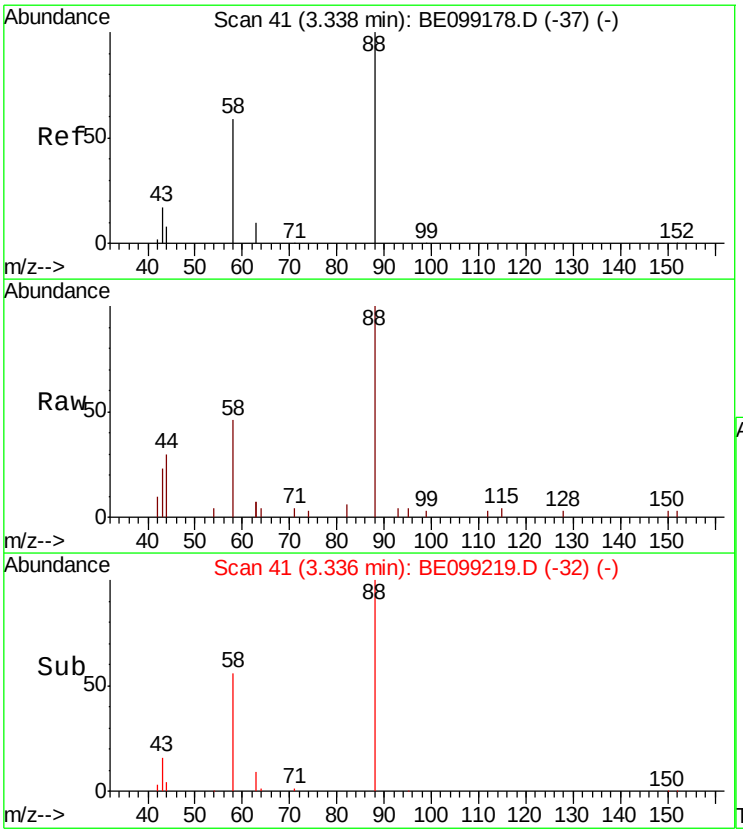
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4672

Ion	Ratio	Lower	Upper
152	100		
150	136.2	112.8	169.2
115	52.8	45.1	67.7

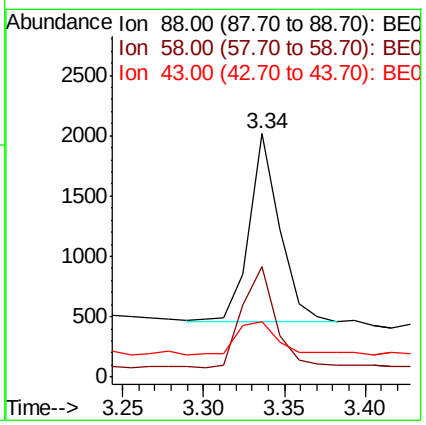


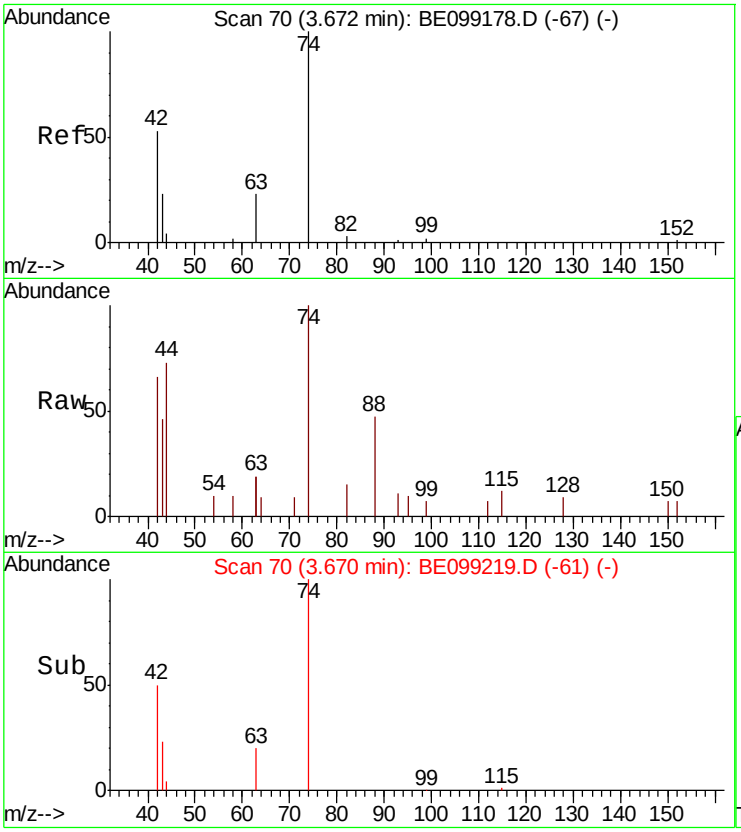


#2
1,4-Dioxane
Concen: 0.334 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion: 88 Resp: 2058

Ion	Ratio	Lower	Upper
88	100		
58	58.7	47.4	71.0
43	23.8	15.6	23.4#



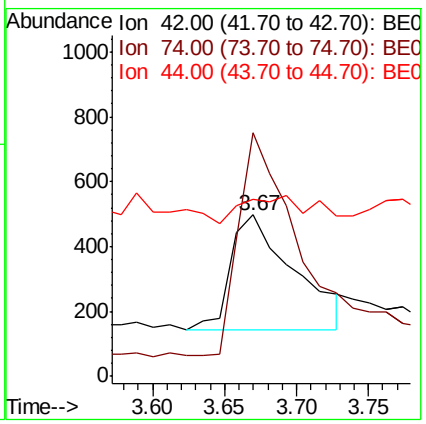


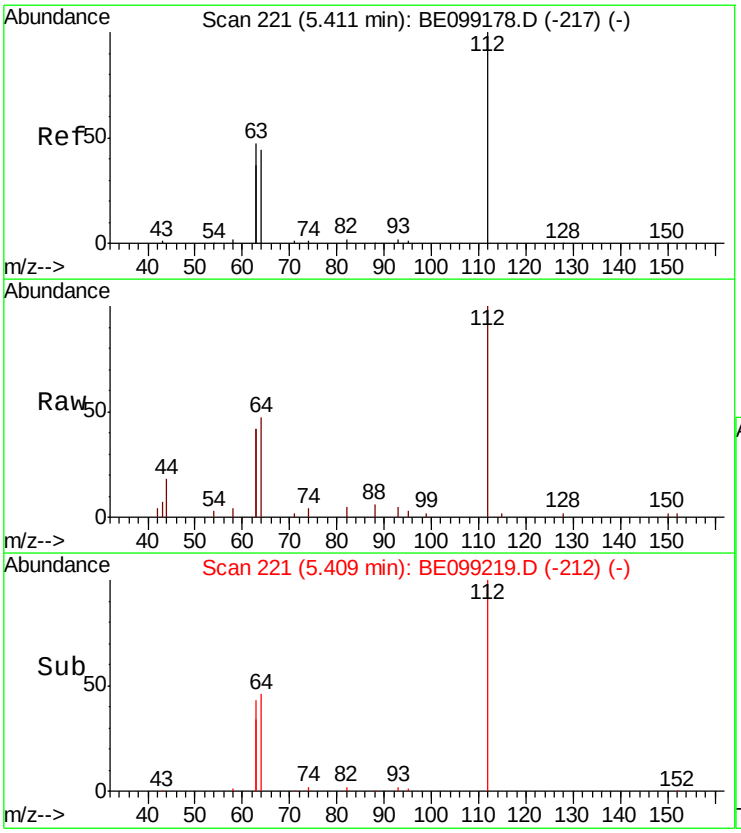
#3
n-Nitrosodimethylamine
Concen: 0.313 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1080

Ion	Ratio	Lower	Upper
42	100		
74	177.8	138.6	207.8
44	0.0	15.0	22.6#

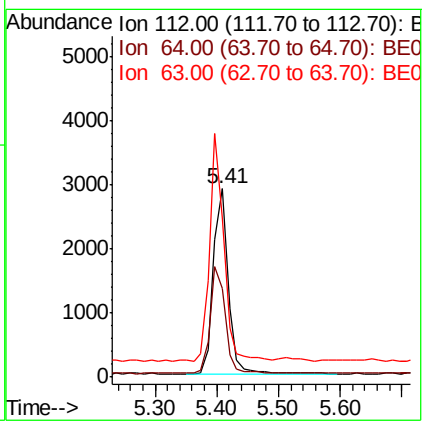


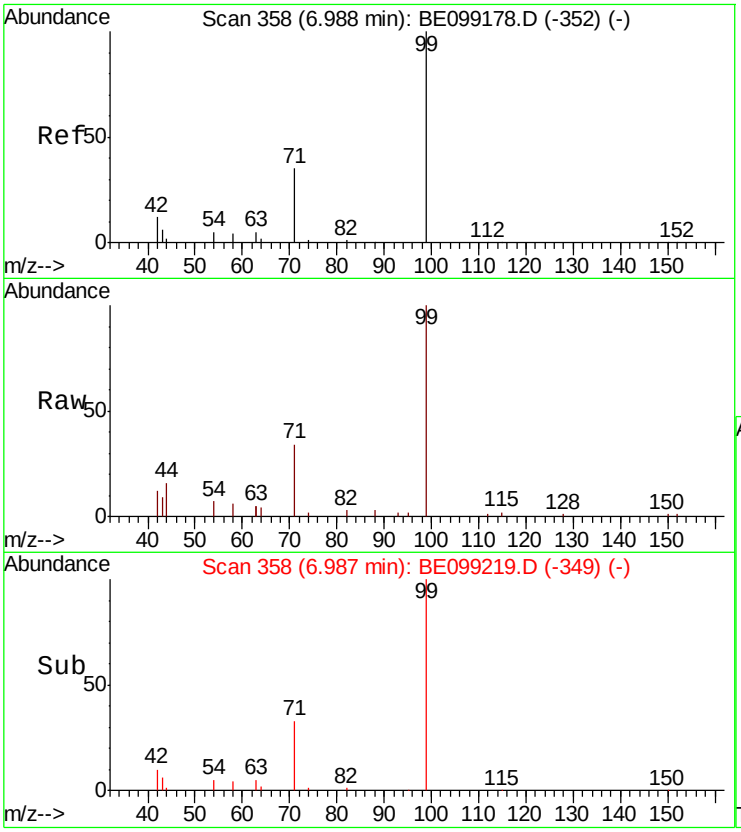


#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:112 Resp: 4745

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.2	69.2
63	115.8	89.9	134.9



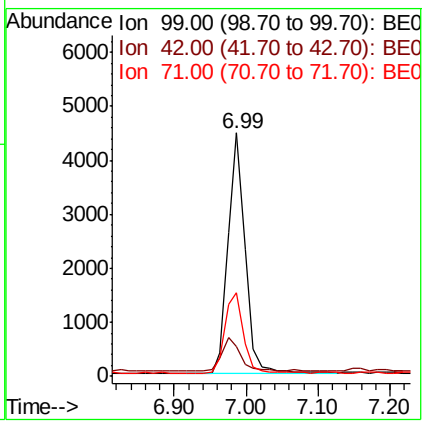


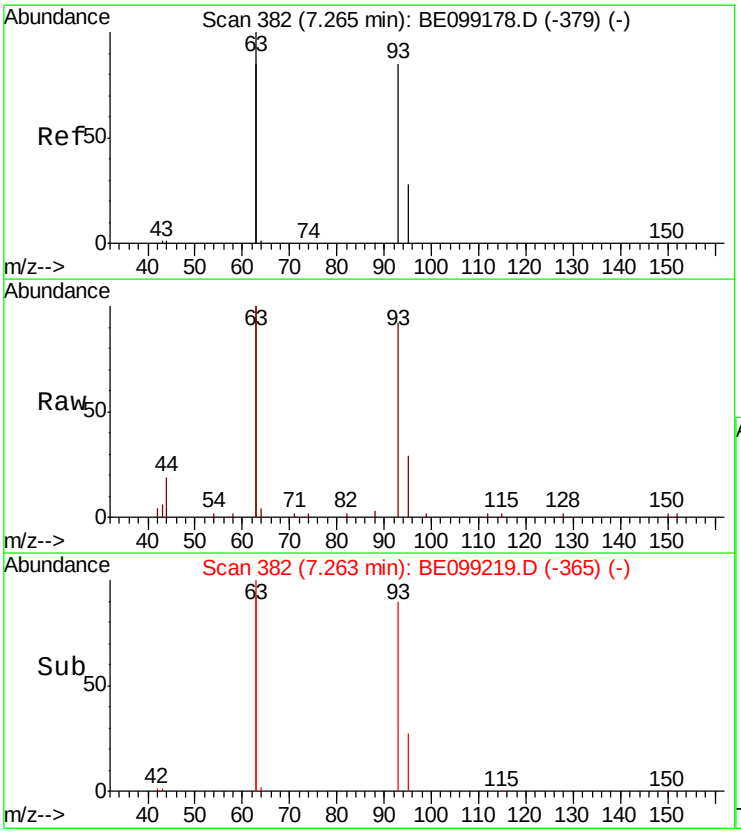
#5
Phenol-d6
Concen: 0.348 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 7426

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.4	18.6
71	35.6	28.4	42.6

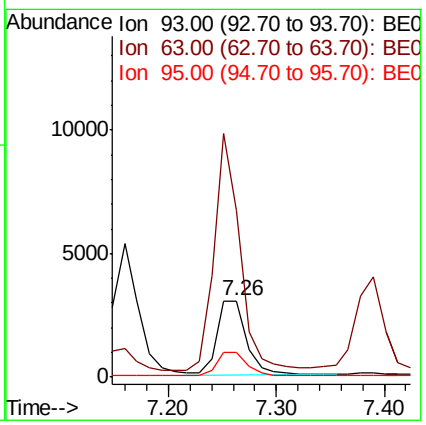


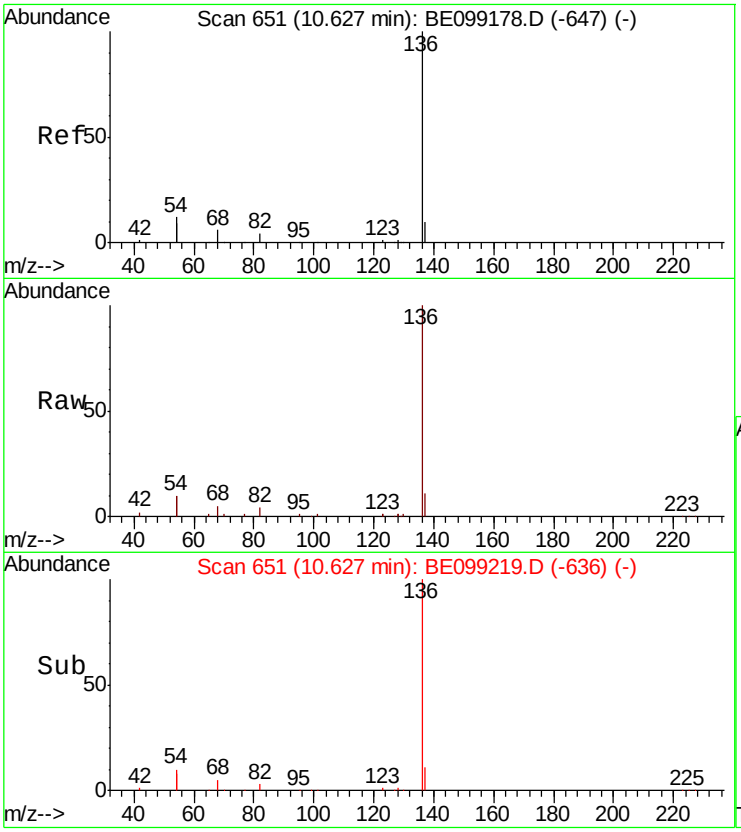


#6
bis(2-Chloroethyl)ether
Concen: 0.340 ng
RT: 7.26 min Scan# 382
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion: 93 Resp: 5692

Ion	Ratio	Lower	Upper
93	100		
63	279.5	221.4	332.0
95	31.3	25.8	38.8



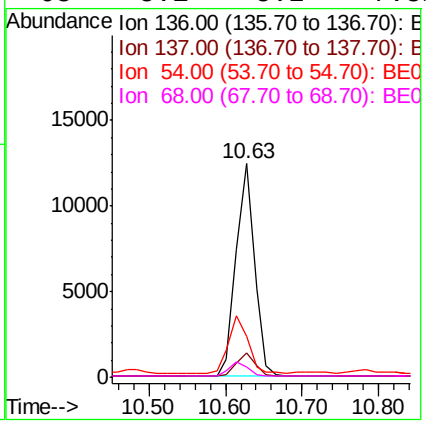


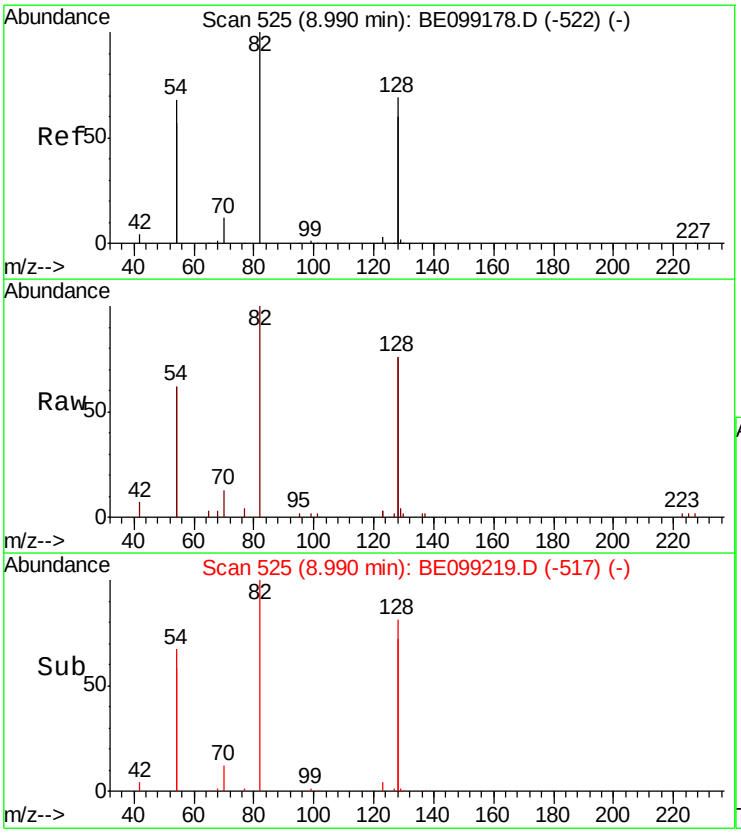
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 20940

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	19.0	18.7	28.1
68	5.1	5.2	7.8#

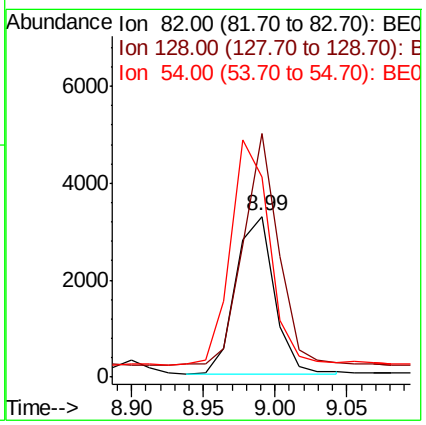


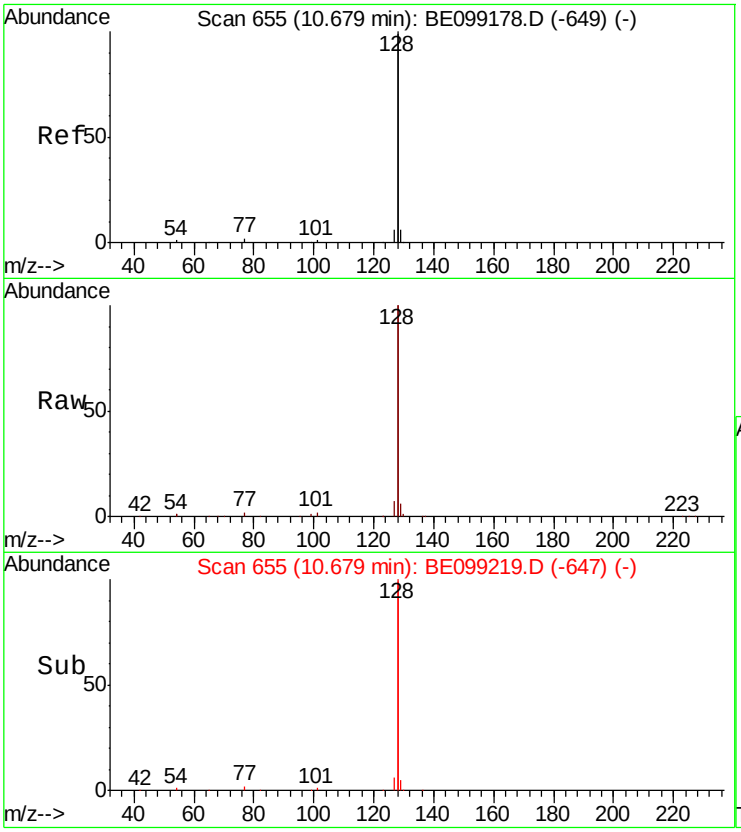


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion: 82 Resp: 6059

Ion	Ratio	Lower	Upper
82	100		
128	151.6	107.5	161.3
54	124.9	106.3	159.5



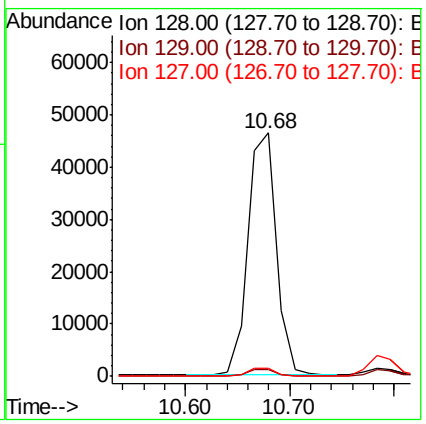


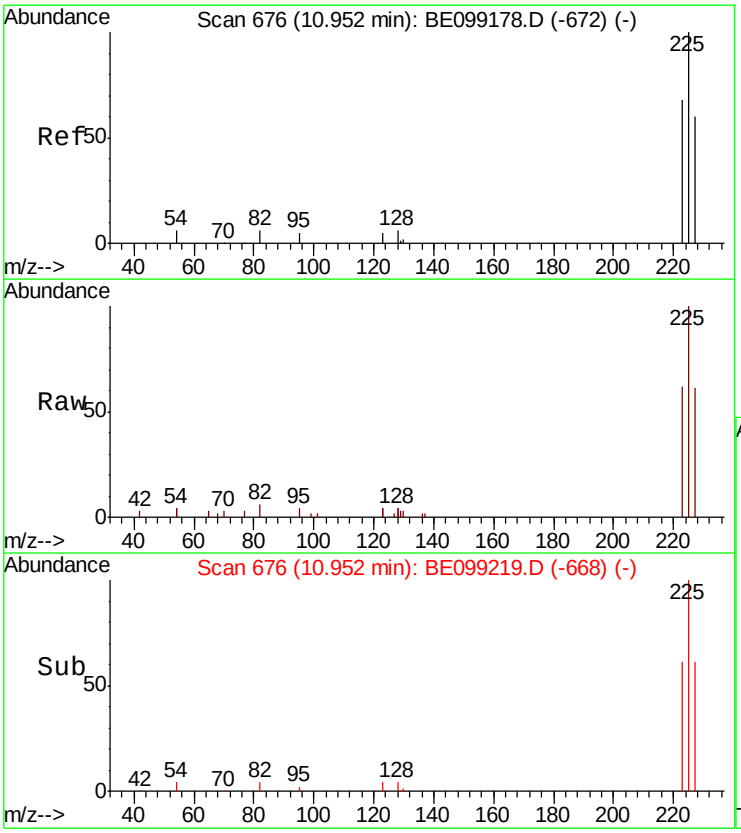
#9
Naphthalene
Concen: 0.357 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 88242

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

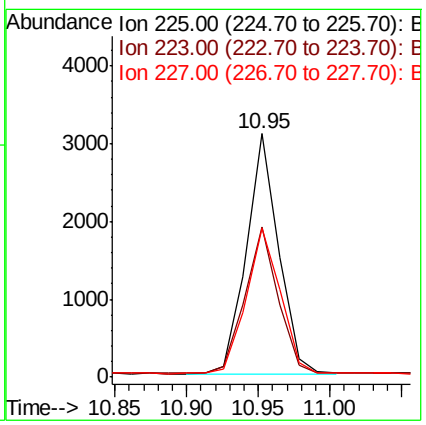


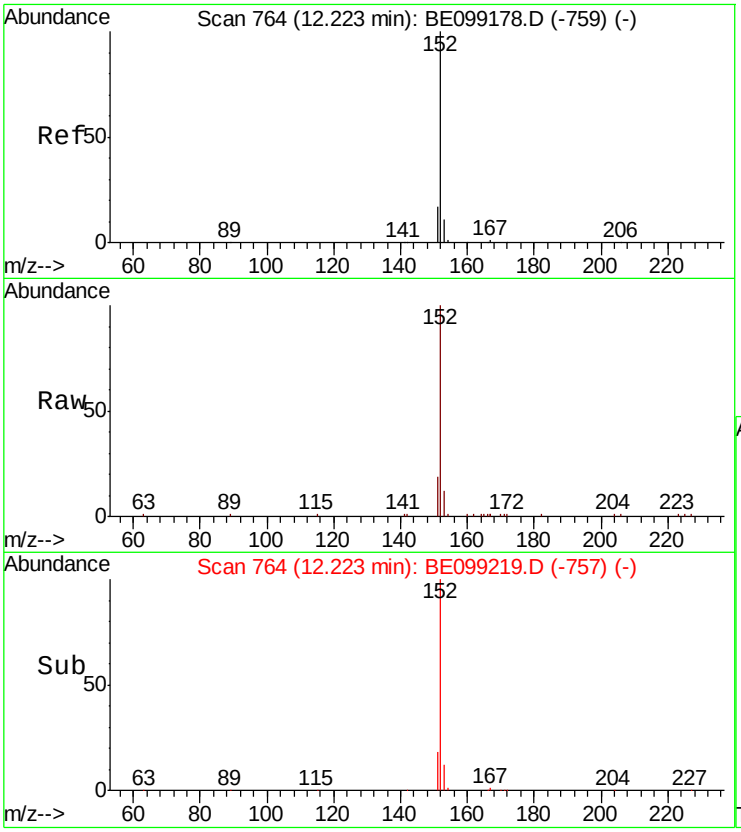


#10
Hexachlorobutadiene
Concen: 0.363 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:225 Resp: 4783

Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.3	76.9
227	64.2	48.6	73.0



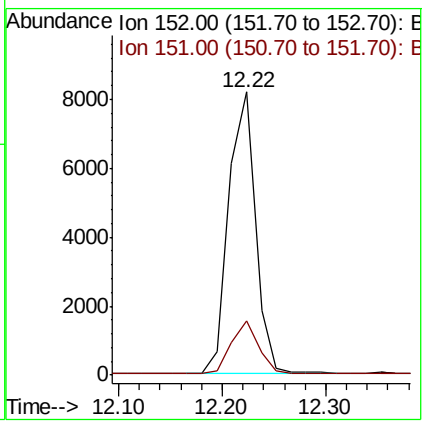


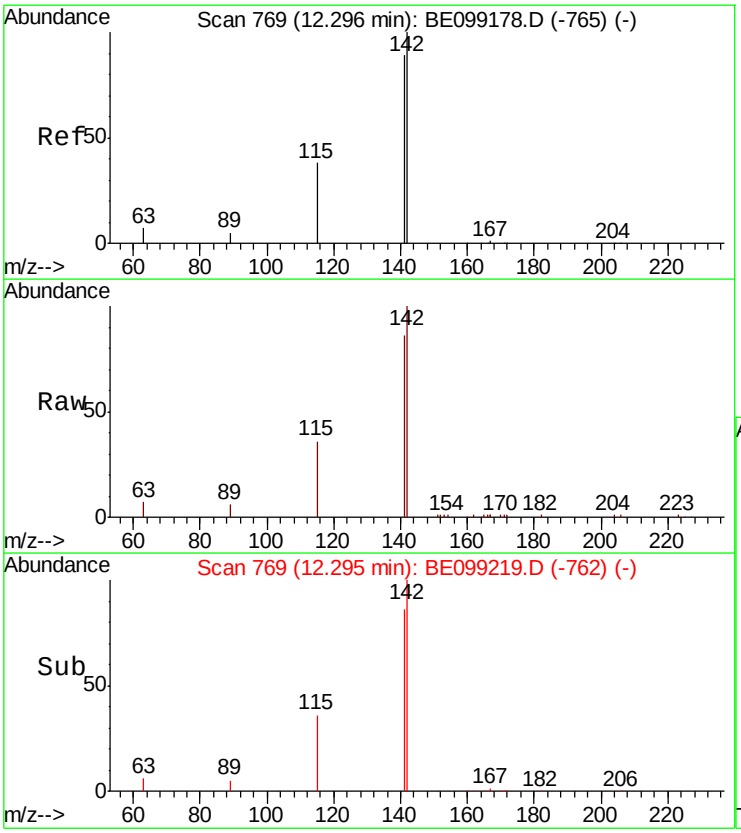
#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 14676

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.0	22.6

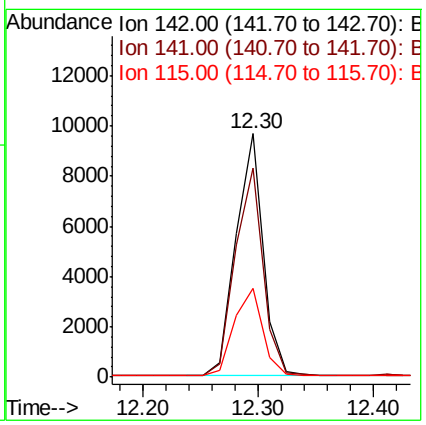


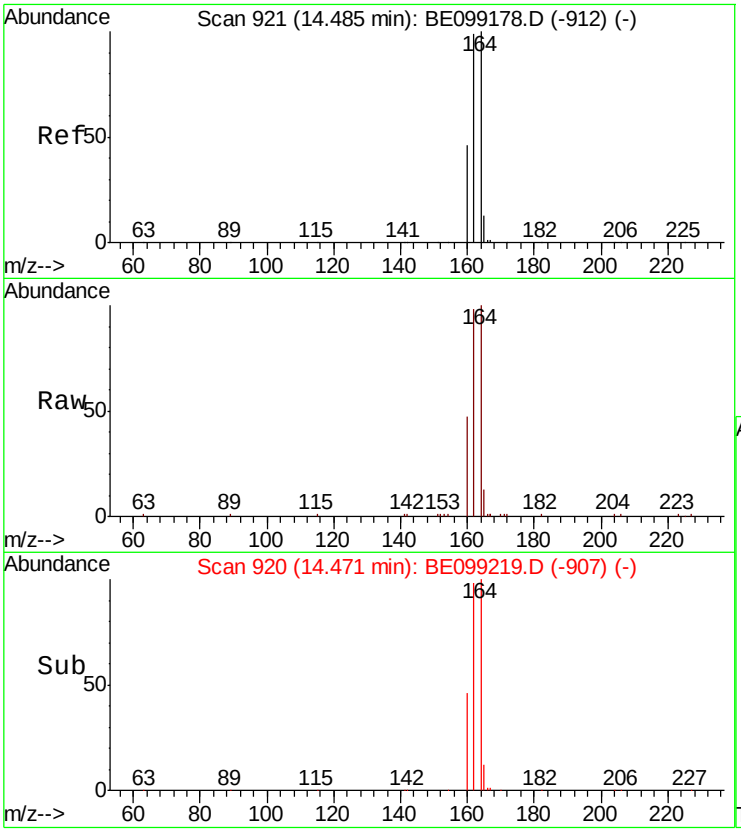


#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:142 Resp: 15657

Ion	Ratio	Lower	Upper
142	100		
141	85.9	71.3	106.9
115	36.2	30.4	45.6



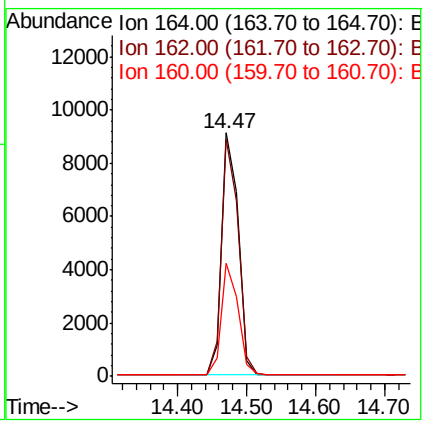


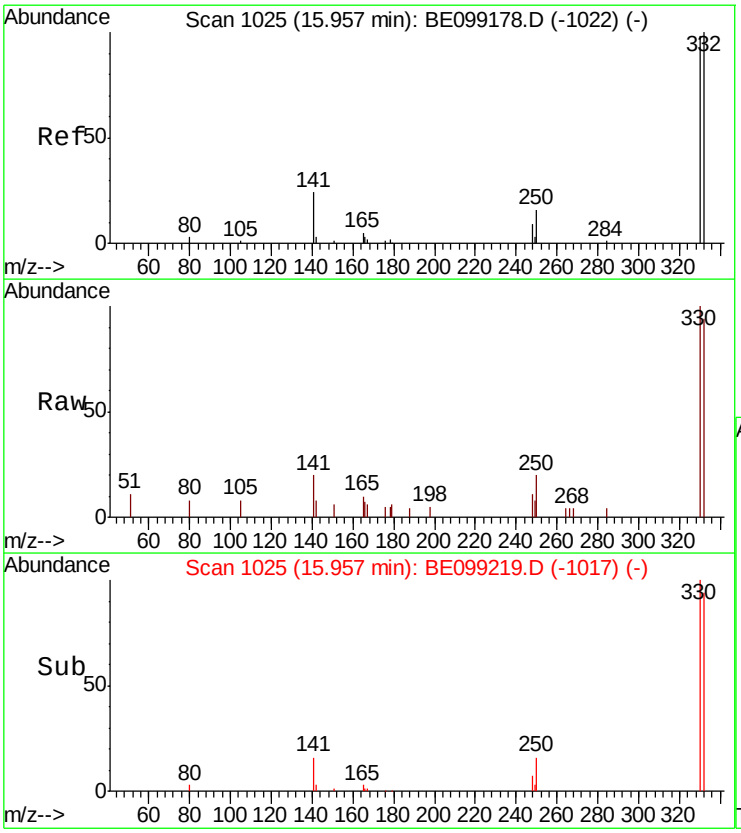
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 15354

Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.2	118.8
160	46.7	36.7	55.1

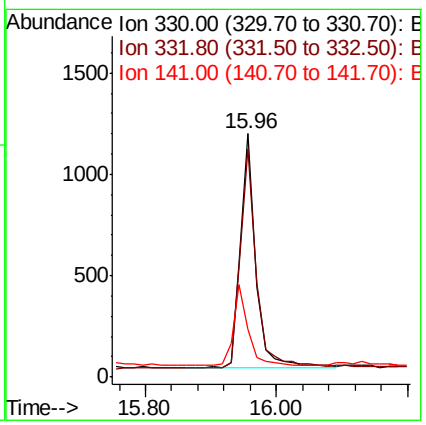


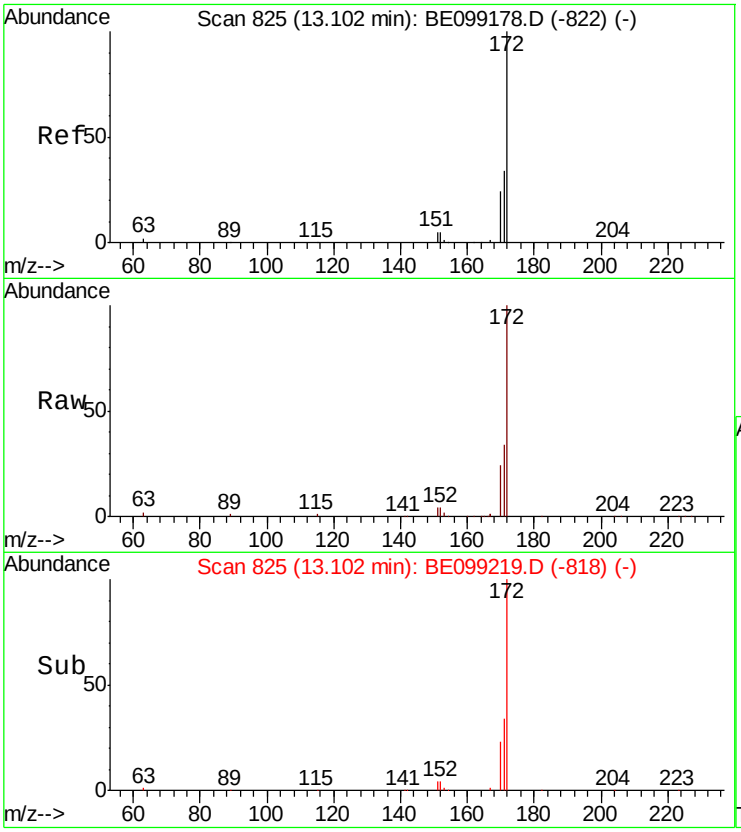


#14
2,4,6-Tribromophenol
Concen: 0.447 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:330 Resp: 1902

Ion	Ratio	Lower	Upper
330	100		
332	95.8	71.3	106.9
141	33.4	21.7	32.5#



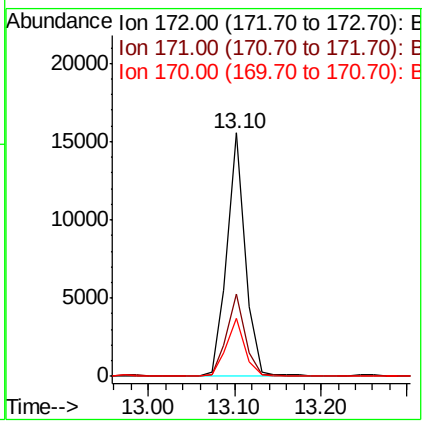


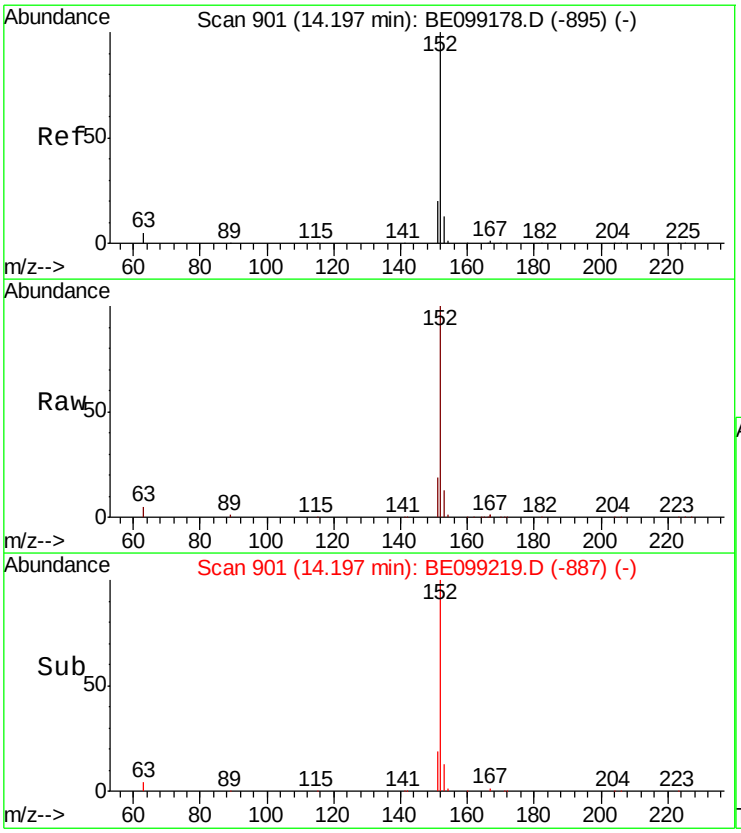
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 22467

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.4	41.0
170	23.7	19.1	28.7

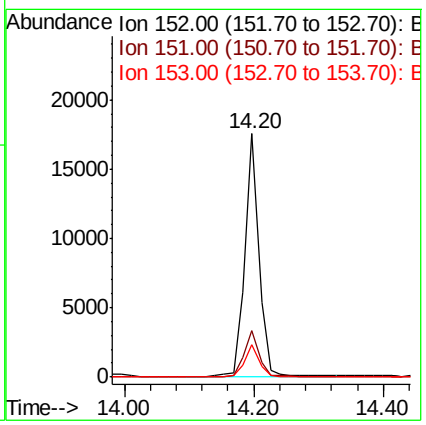


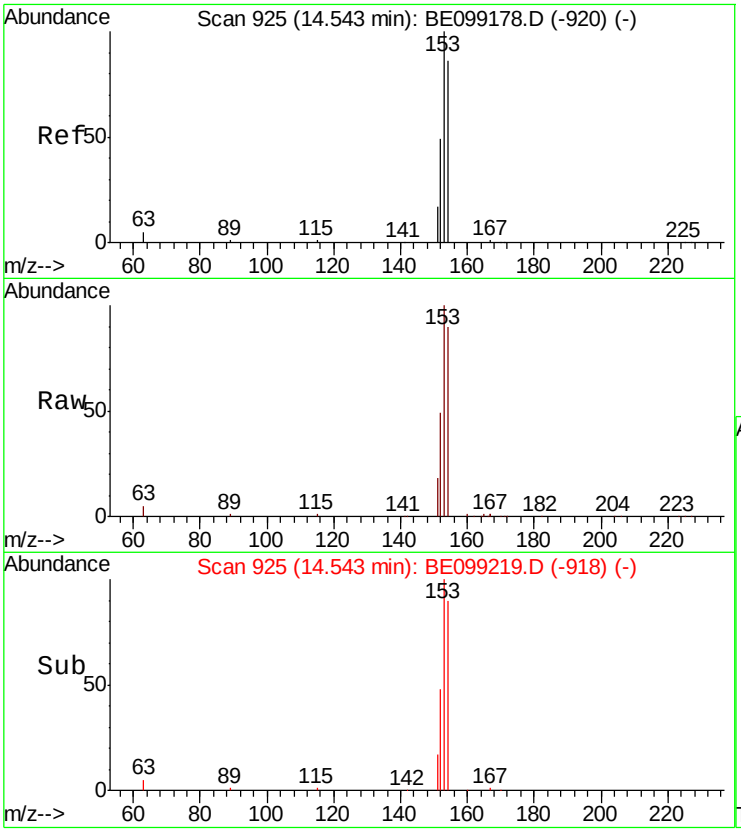


#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:152 Resp: 26253

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.6	15.8



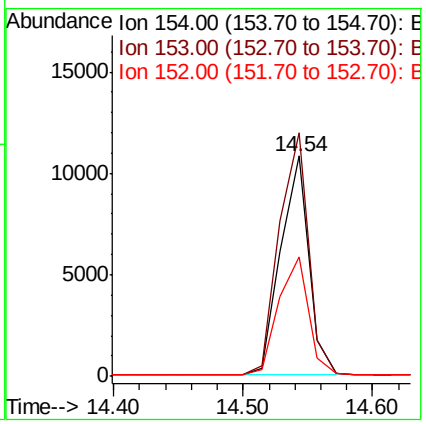


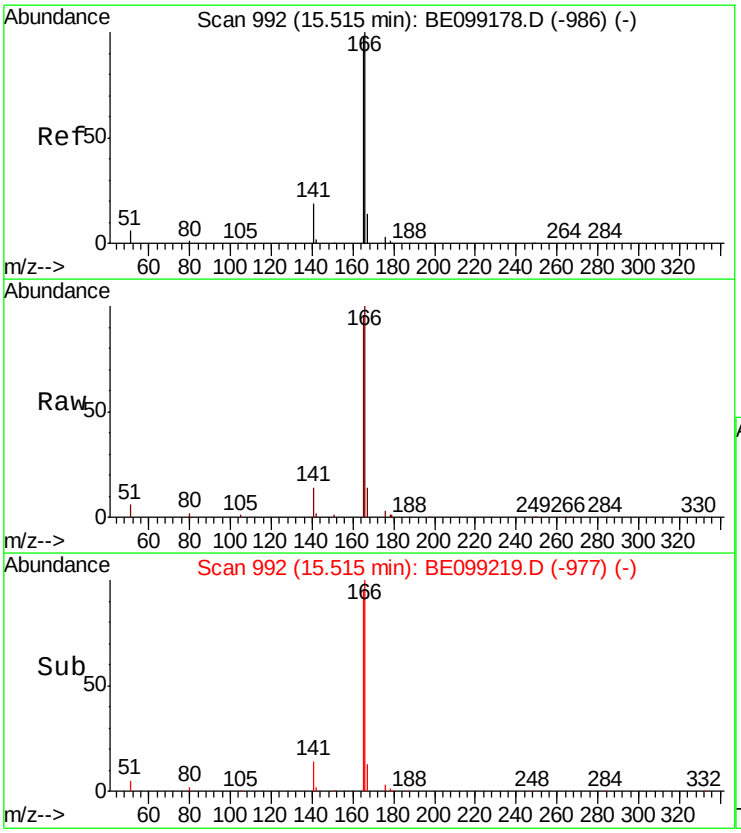
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 16494

Ion	Ratio	Lower	Upper
154	100		
153	114.3	93.4	140.0
152	56.6	46.6	69.8

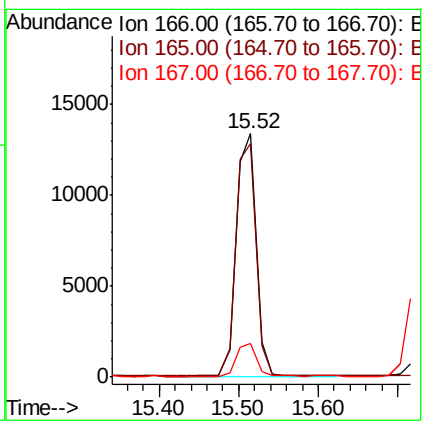


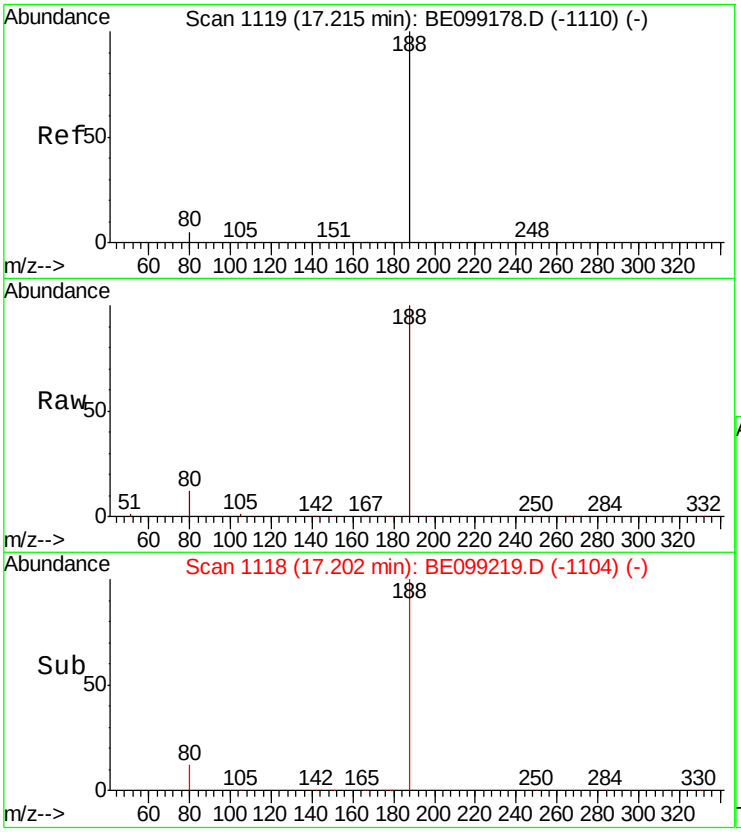


#18
Fluorene
Concen: 0.351 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:166 Resp: 23099

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.9	118.3
167	13.3	10.9	16.3



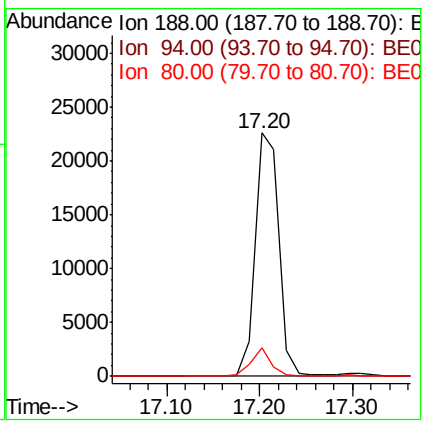


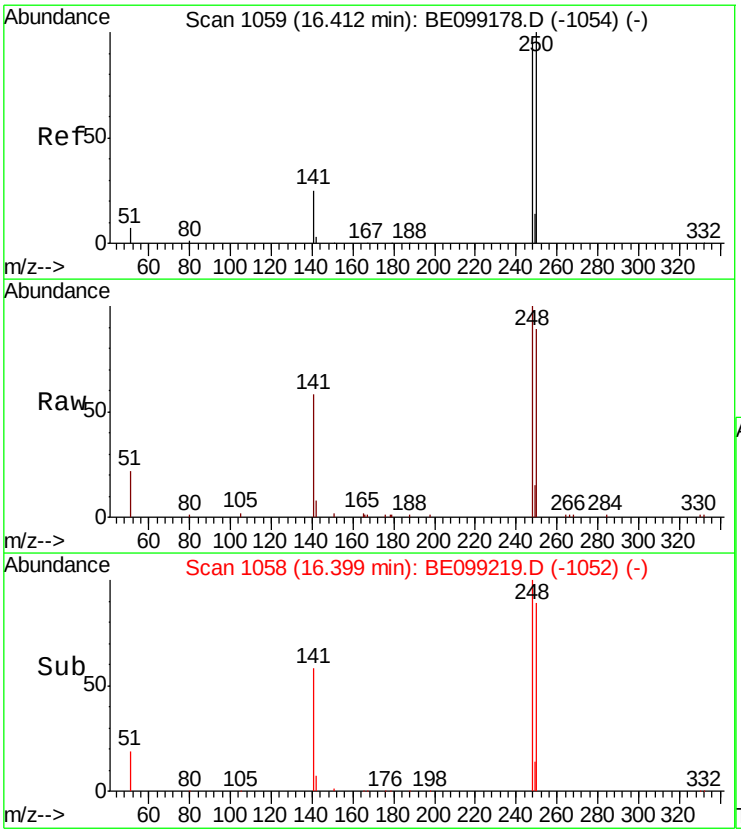
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 40019

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	4.5	6.7#

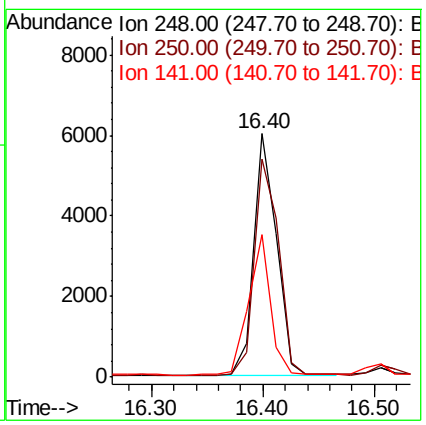


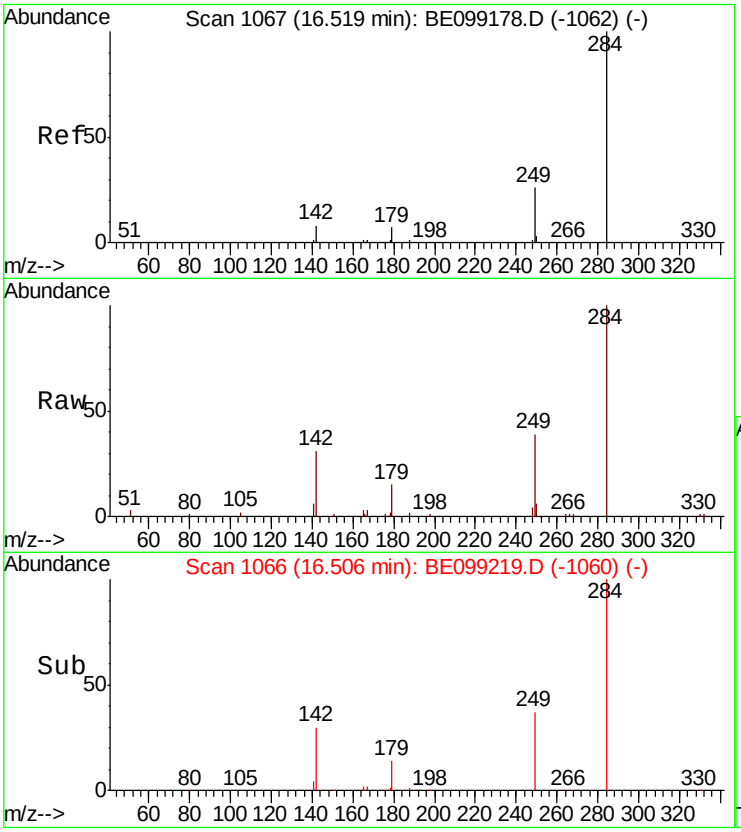


#20
4-Bromophenyl-phenylether
Concen: 0.331 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:248 Resp: 8554

Ion	Ratio	Lower	Upper
248	100		
250	89.3	84.2	126.2
141	58.4	21.8	32.6#



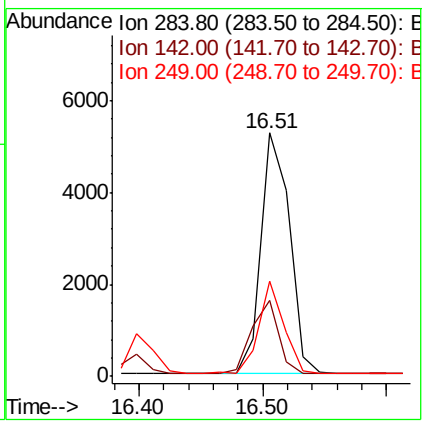


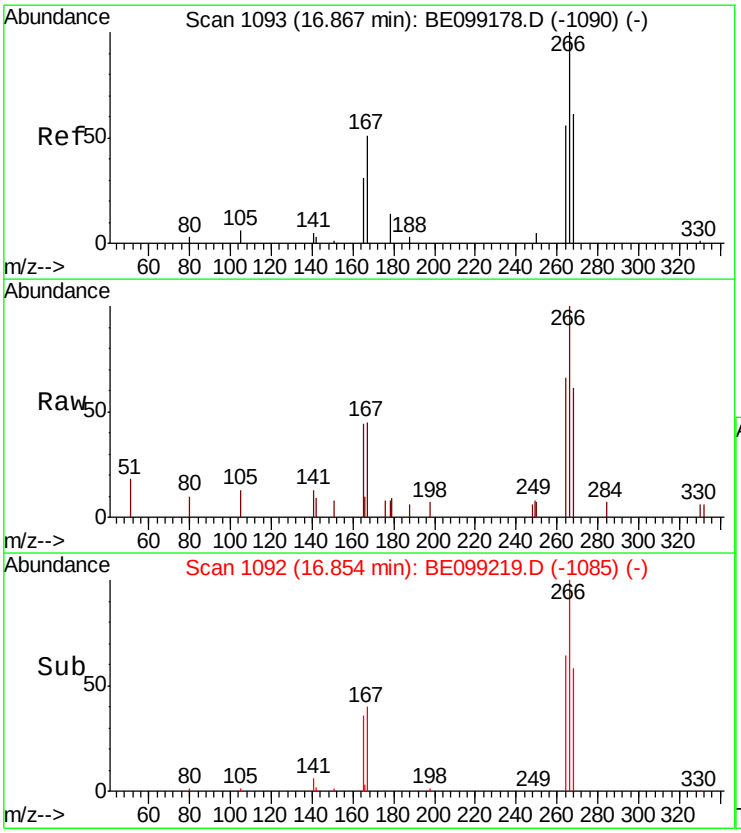
#21
Hexachlorobenzene
Concen: 0.336 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 8387

Ion	Ratio	Lower	Upper
284	100		
142	28.6	22.7	34.1
249	33.2	26.9	40.3

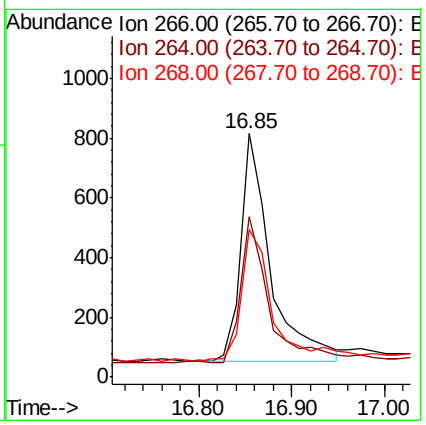


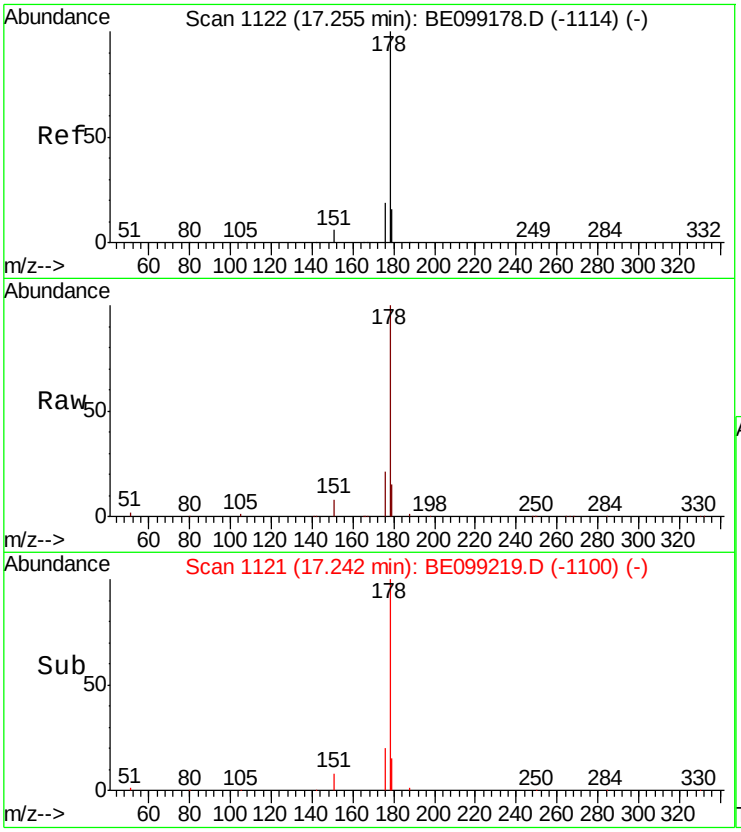


#22
Pentachlorophenol
Concen: 0.678 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:266 Resp: 1674

Ion	Ratio	Lower	Upper
266	100		
264	65.9	54.4	81.6
268	60.9	61.3	91.9#



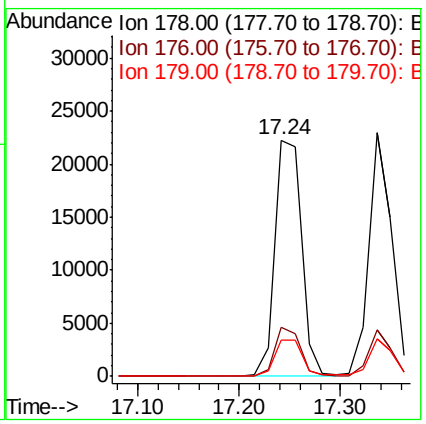


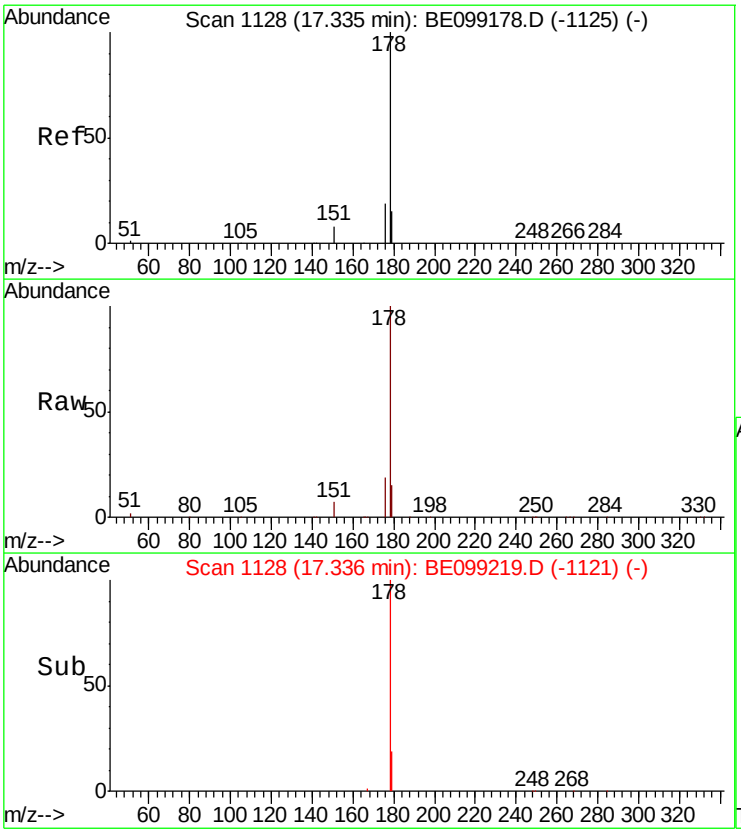
#23
Phenanthrene
Concen: 0.341 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 40040

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.3	18.5

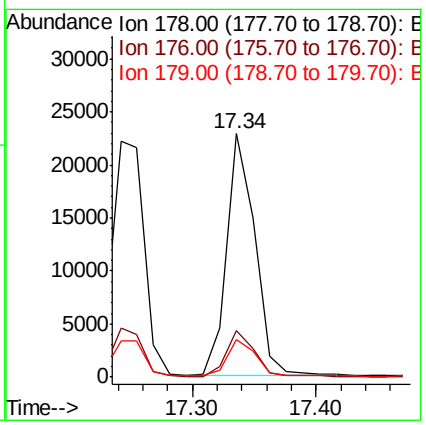


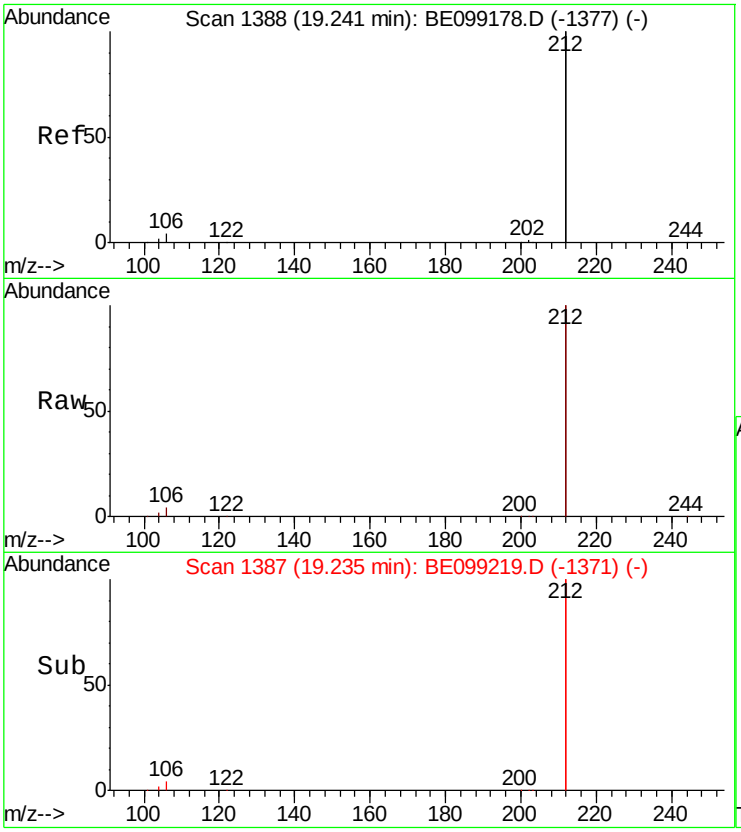


#24
Anthracene
Concen: 0.336 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:178 Resp: 35636

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.3	12.4	18.6



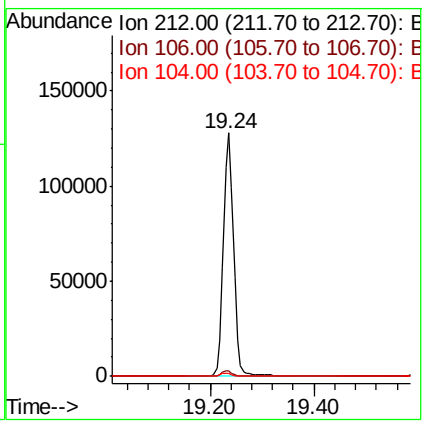


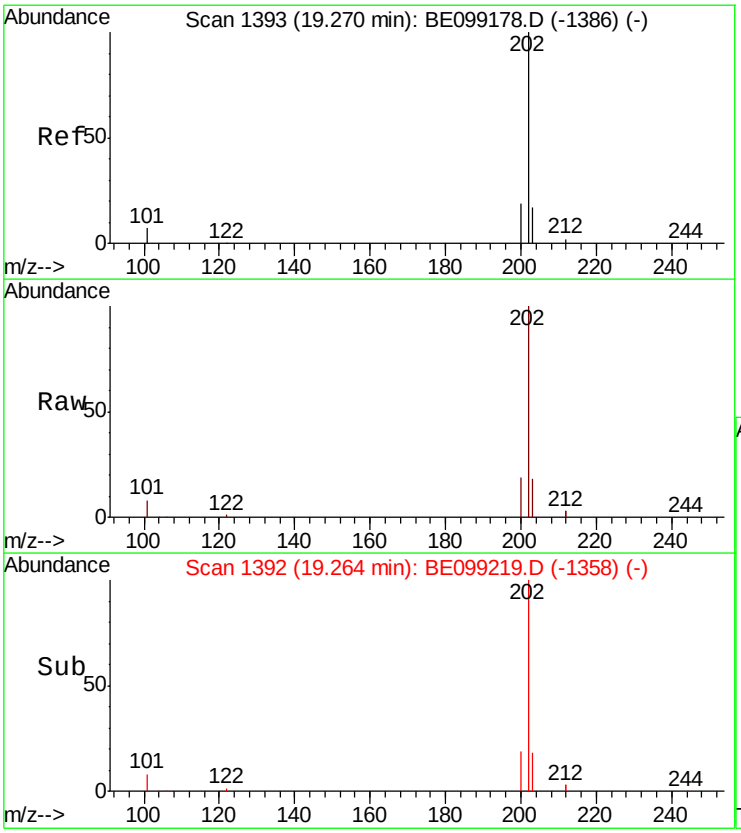
#25
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 174534

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.1	1.7

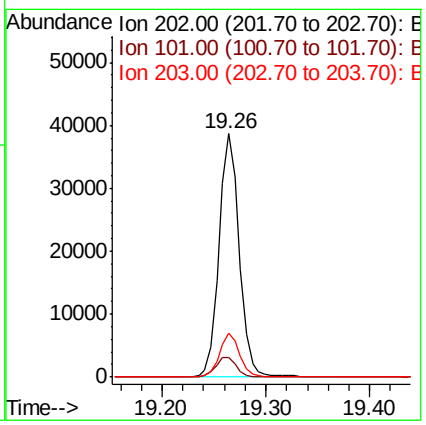


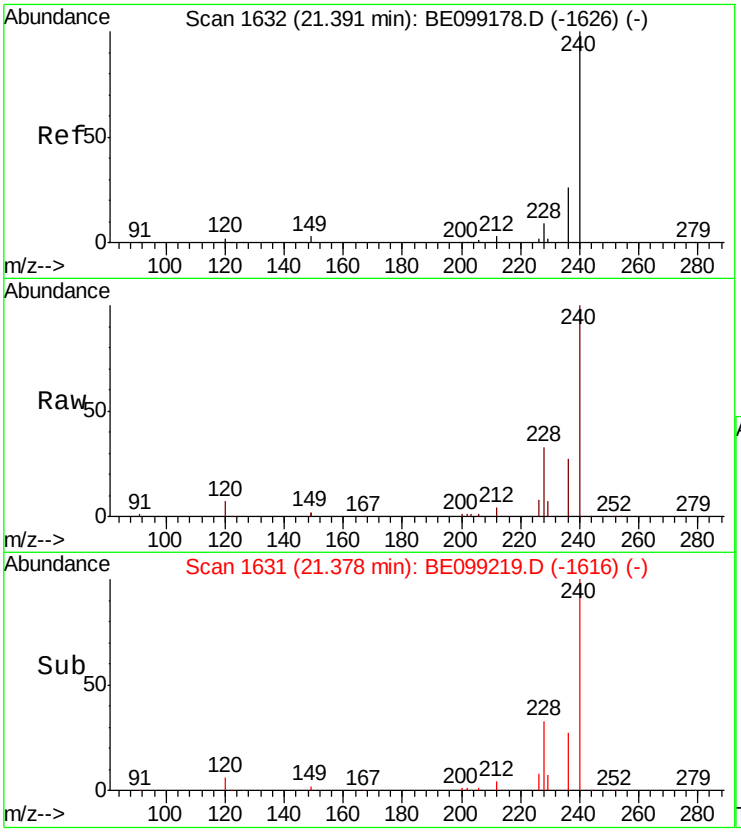


#26
Fluoranthene
Concen: 0.344 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:202 Resp: 51634

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.0	10.4
203	17.3	13.8	20.6



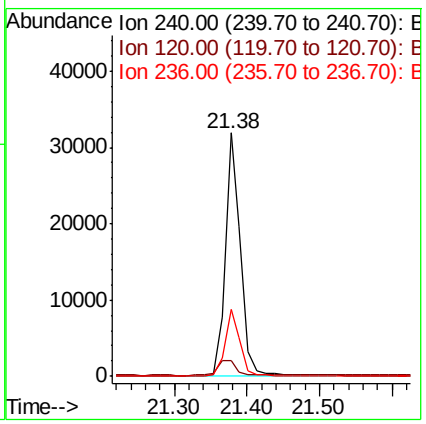


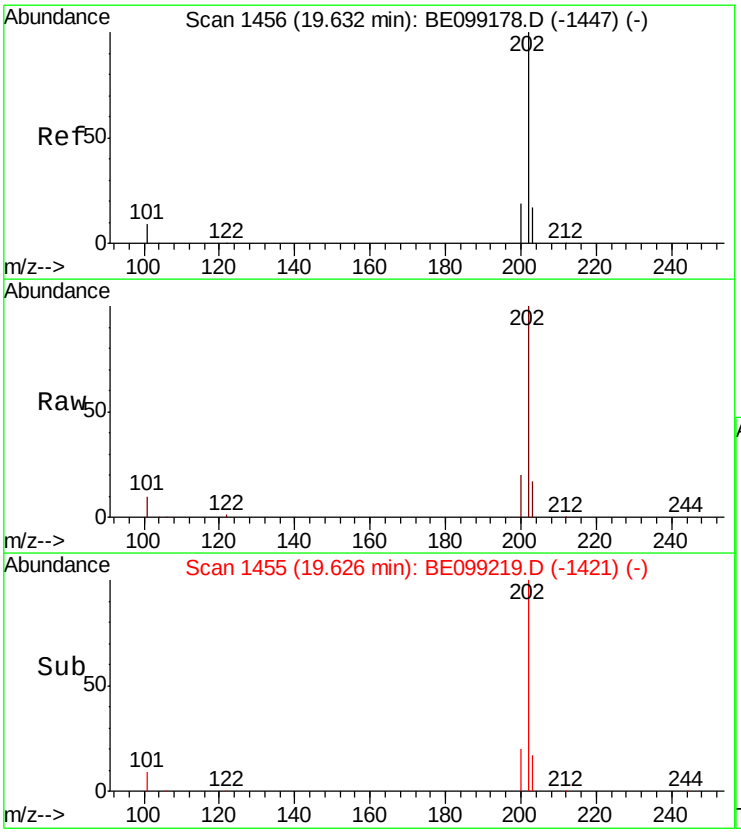
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 47184

Ion	Ratio	Lower	Upper
240	100		
120	6.7	2.6	3.8#
236	27.4	20.9	31.3

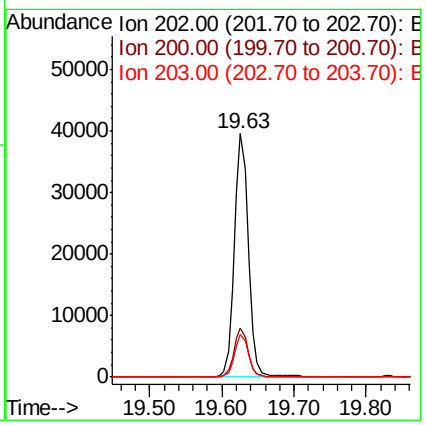


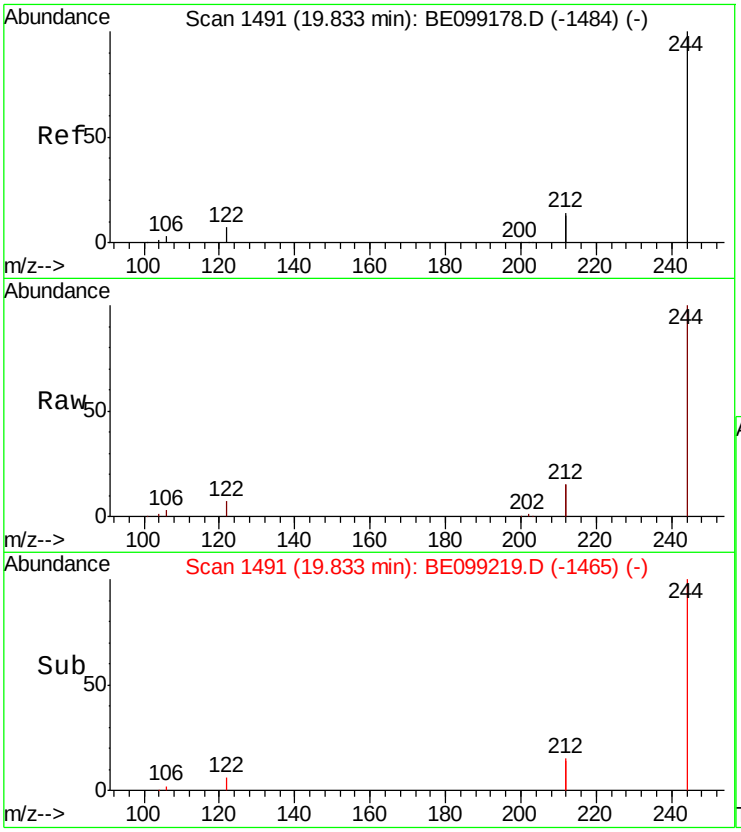


#28
Pyrene
Concen: 0.337 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:202 Resp: 52836

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	17.1	14.1	21.1



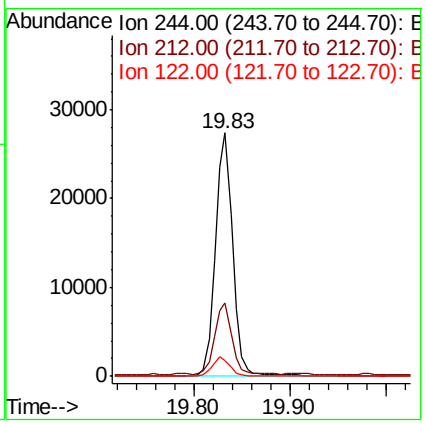


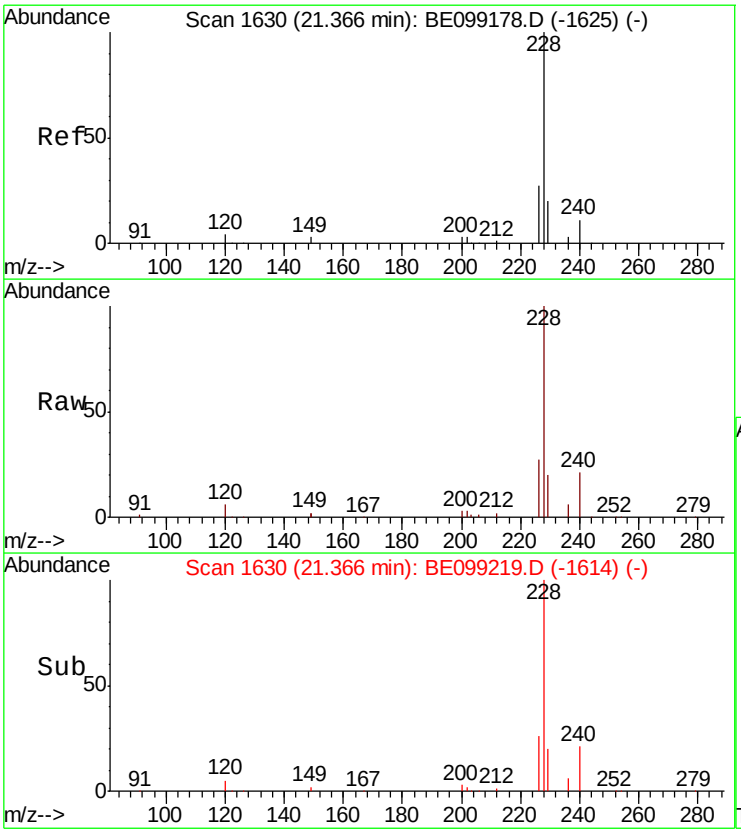
#29
Terphenyl-d14
Concen: 0.333 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 34123

Ion	Ratio	Lower	Upper
244	100		
212	30.1	22.7	34.1
122	6.6	5.8	8.6

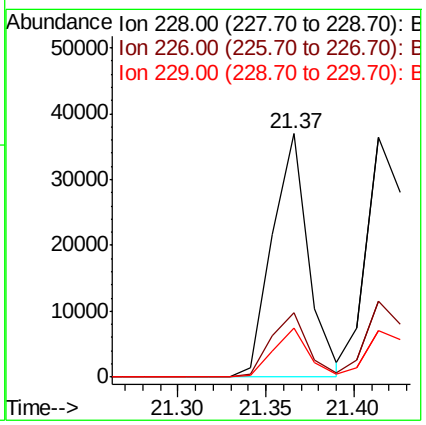


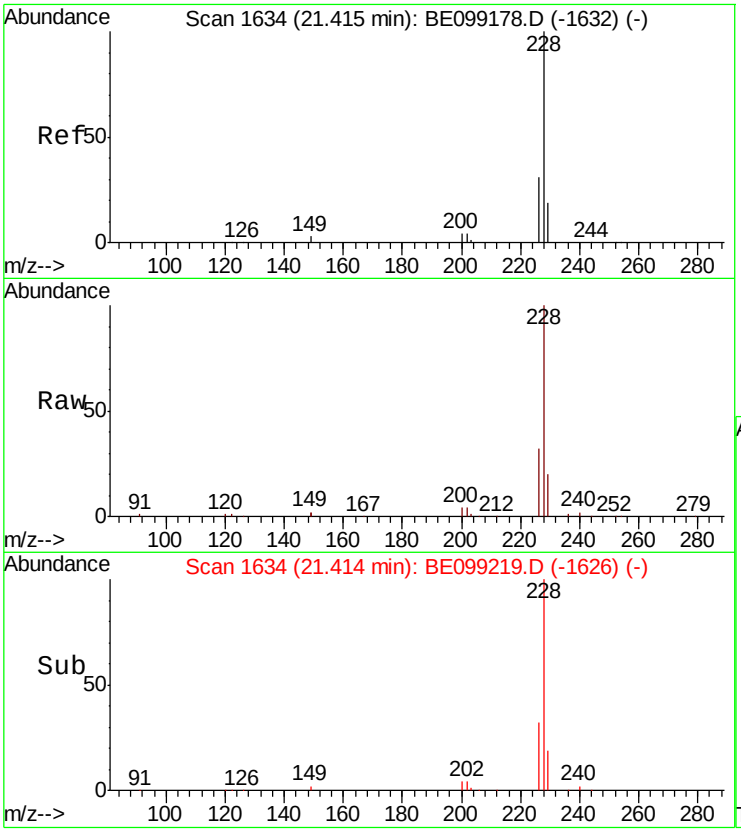


#30
Benzo(a)anthracene
Concen: 0.337 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:228 Resp: 52514

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.7	32.5
229	20.1	15.9	23.9



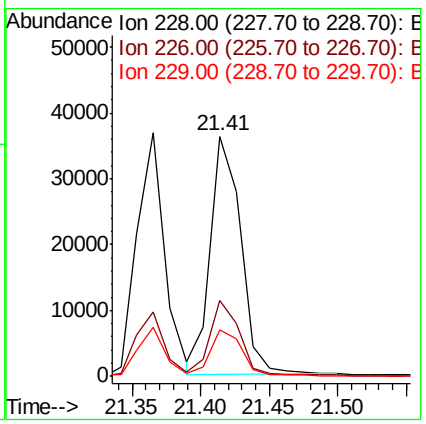


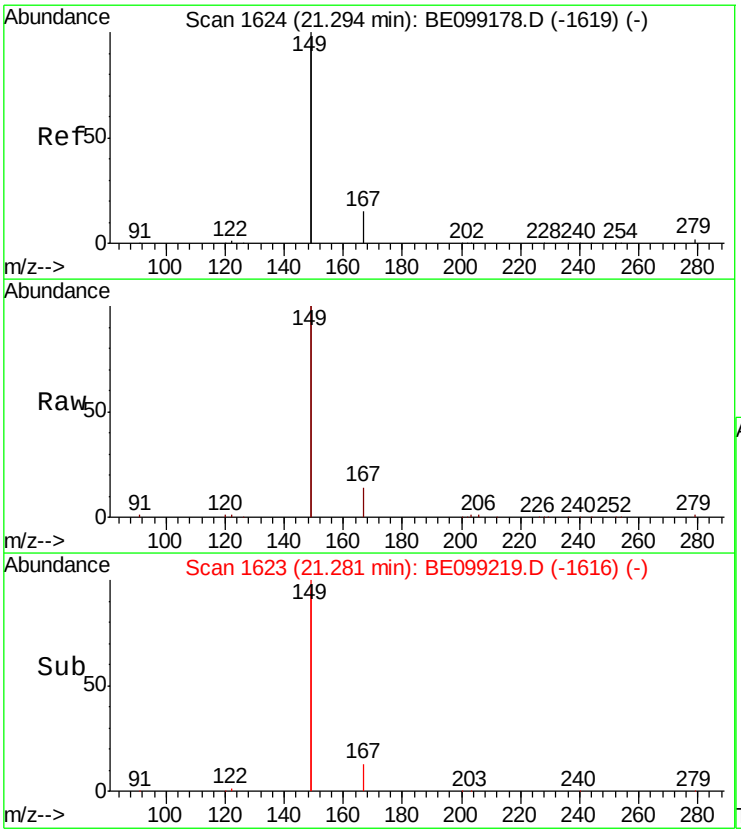
#31
Chrysene
Concen: 0.337 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 56134

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.8	37.2
229	19.6	15.4	23.0

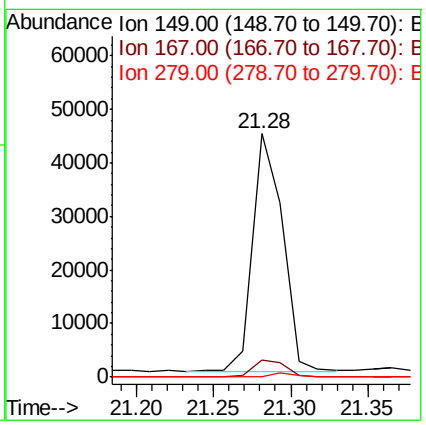


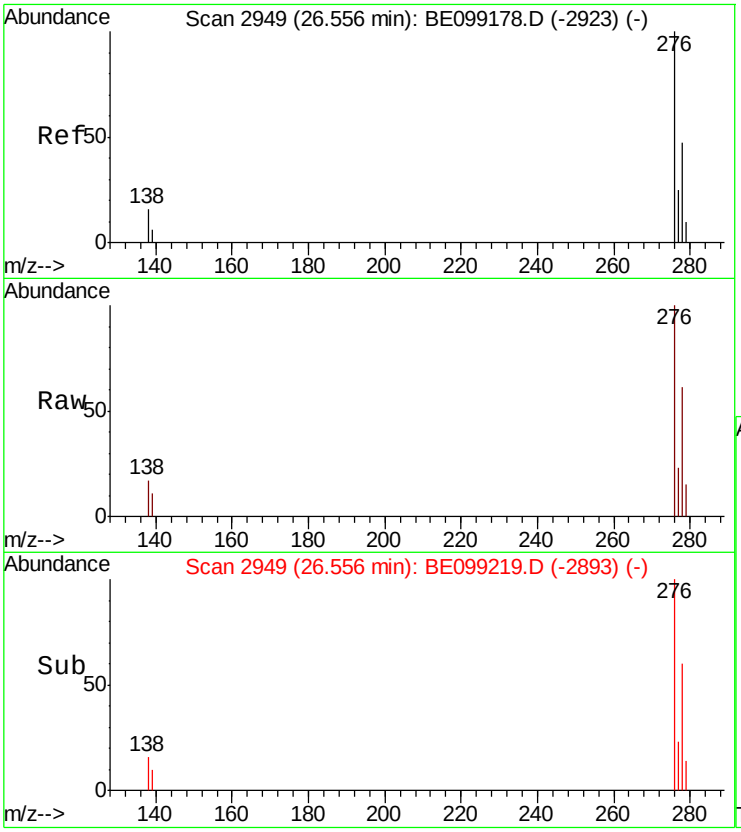


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.321 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:149 Resp: 59619

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.2	1.0	1.6



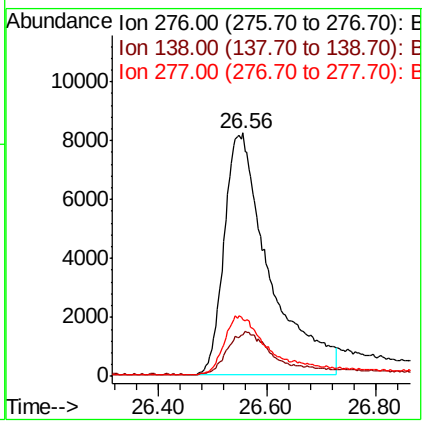


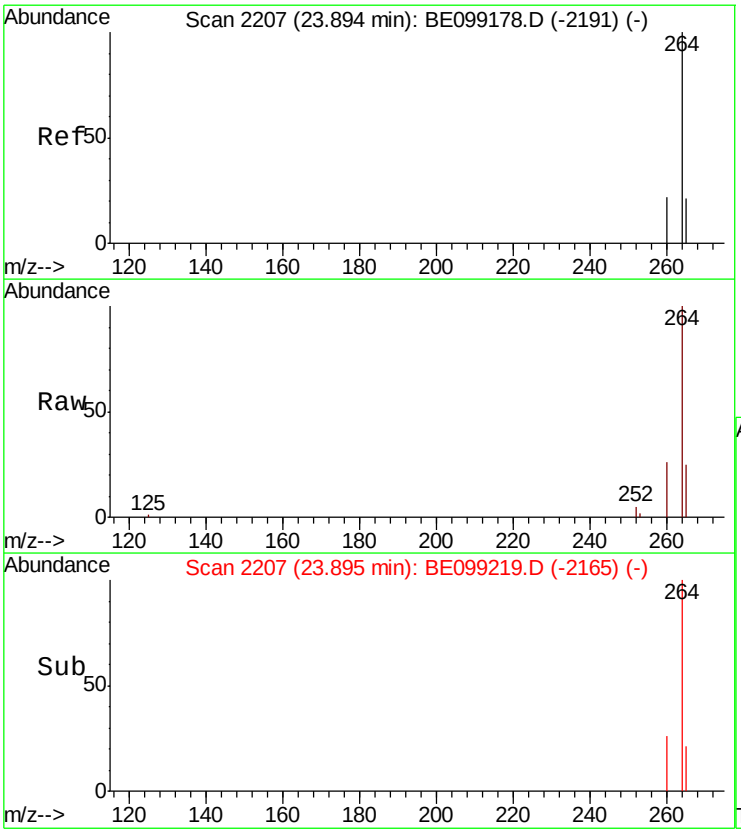
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.301 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 47394

Ion	Ratio	Lower	Upper
276	100		
138	17.6	12.9	19.3
277	22.6	18.3	27.5

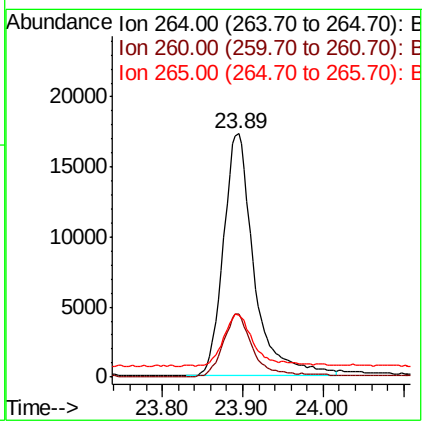


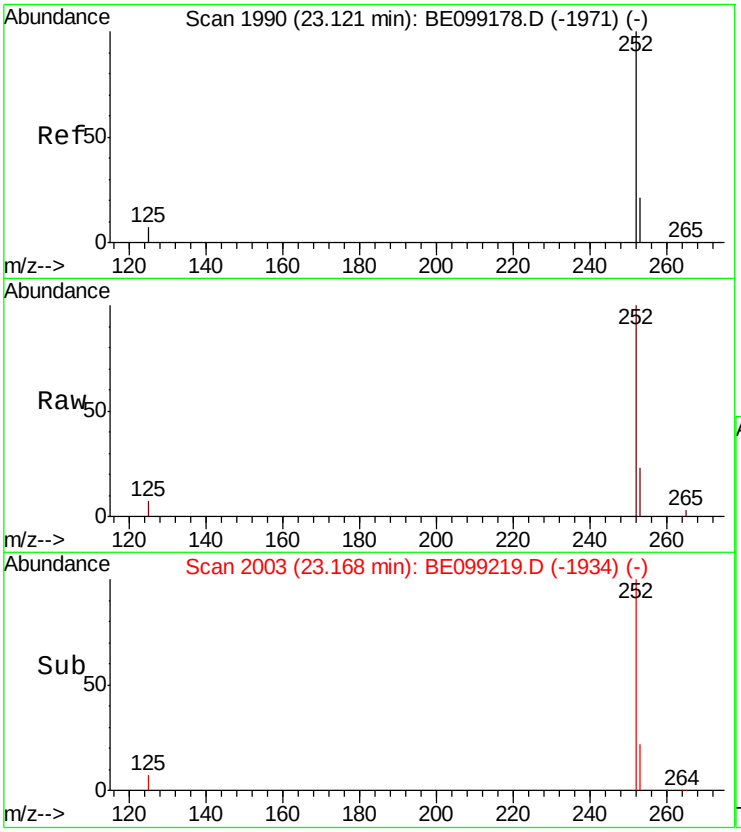


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:264 Resp: 45879

Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.2	27.2
265	25.3	21.8	32.8



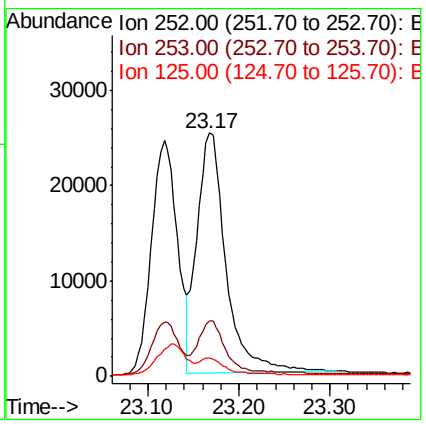


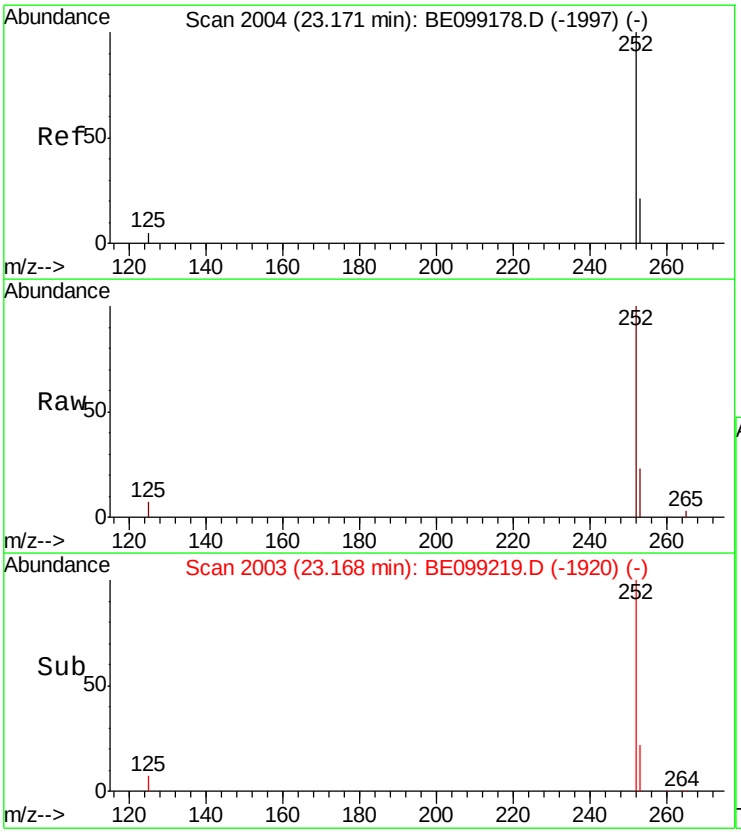
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.17 min Scan# 2003
Delta R.T. 0.05 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 55188

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	7.5	6.1	9.1

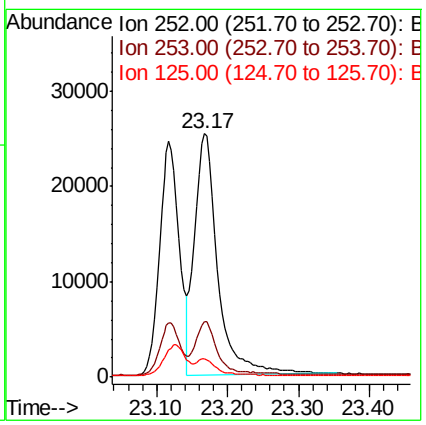


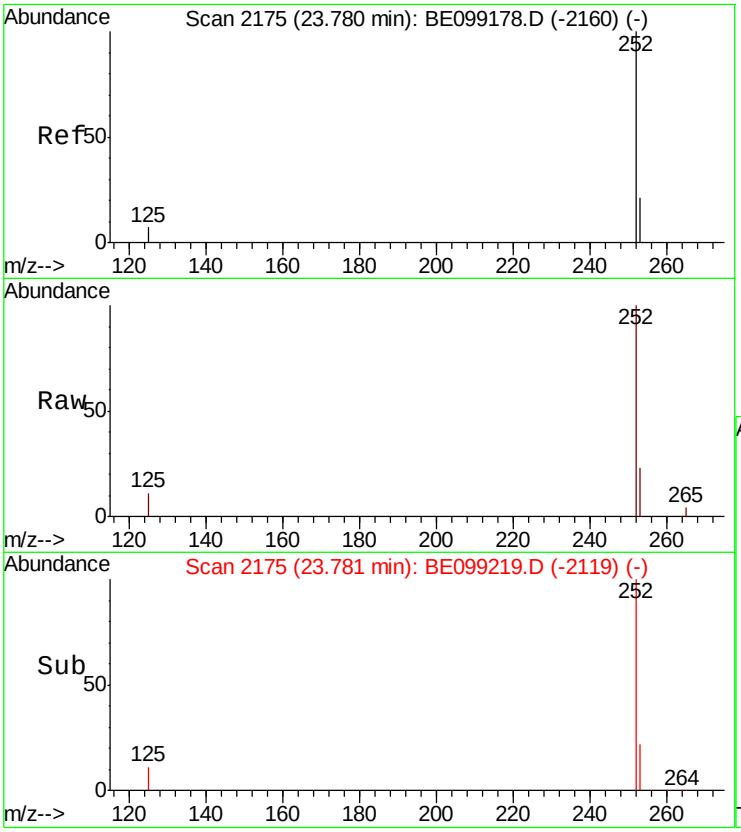


#36
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:252 Resp: 57080

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	7.5	5.9	8.9



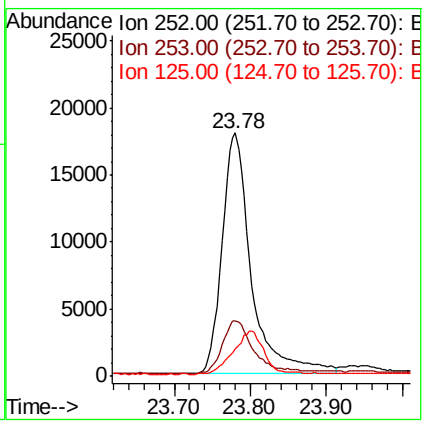


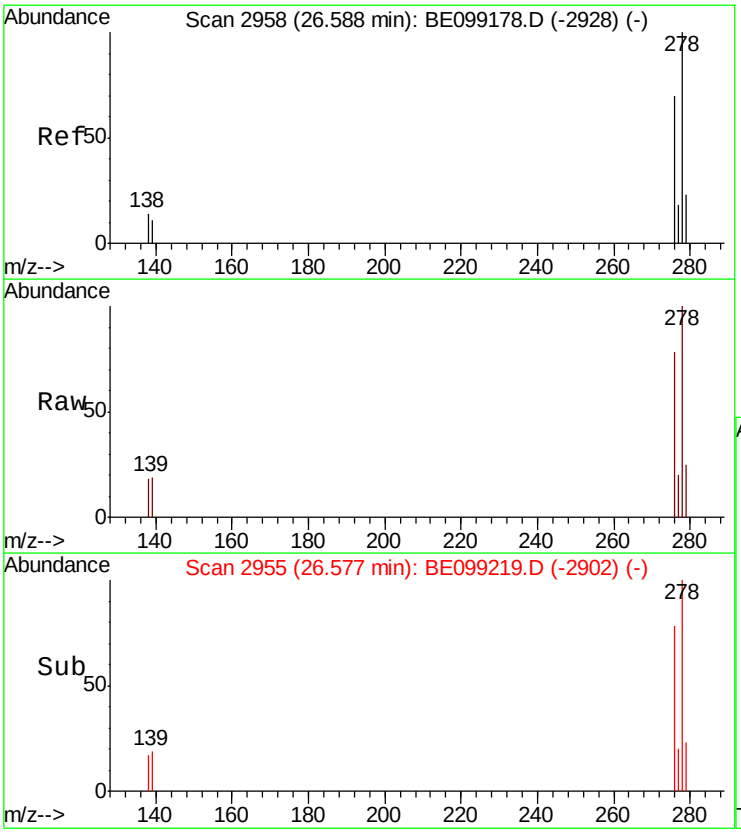
#37
Benzo(a)pyrene
Concen: 0.340 ng
RT: 23.78 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 47917

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.3	6.8	10.2#

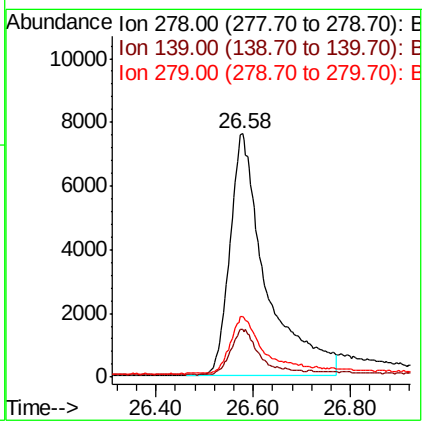


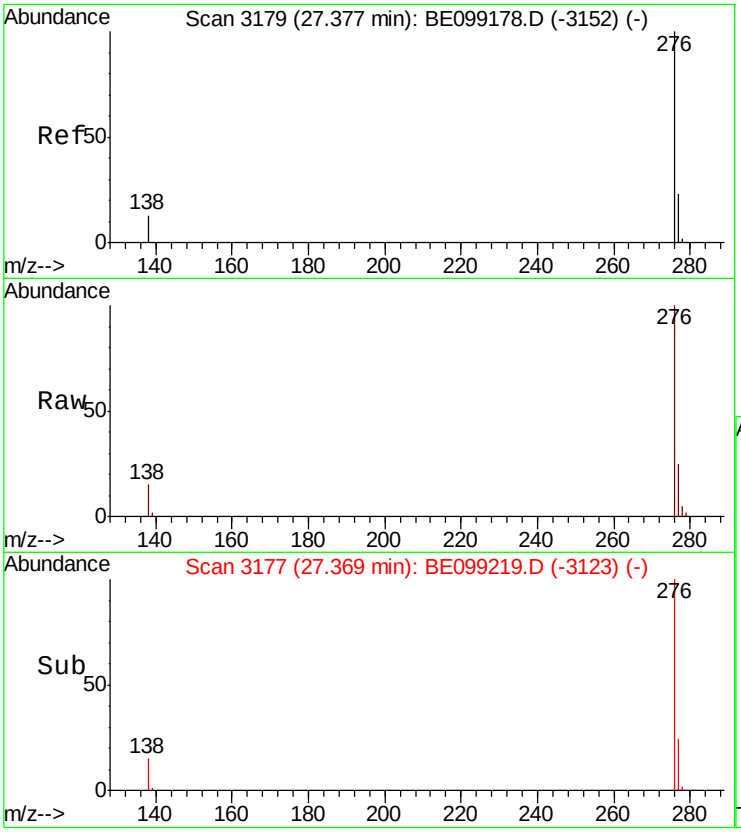


#38
Dibenzo(a,h)anthracene
Concen: 0.315 ng
RT: 26.58 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:278 Resp: 39423

Ion	Ratio	Lower	Upper
278	100		
139	19.5	9.5	14.3#
279	24.7	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.301 ng
RT: 27.37 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 37755

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.4
138	15.5	11.1	16.7