Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099433.D
Acq On : 30 Apr 2019 19:11
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Apr 30 23:59:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	2503	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	9542	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7953	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	25155	0.40	ng		0.00
27) Chrysene-d12	21.37	240	30393	0.40	ng		0.00
34) Perylene-d12	23.86	264	33407	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	2849	0.41	ng		0.00
5) Phenol-d6	6.96	99	4067	0.44	ng		-0.01
8) Nitrobenzene-d5	8.96	82	3660	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	7393	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.93	330	2100	0.42	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	11861	0.39	ng		-0.02
25) Fluoranthene-d10	19.22	212	130110	0.38	ng		0.00
29) Terphenyl-d14	19.81	244	26572	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1368	0.397	ng		92
3) n-Nitrosodimethylamine	3.63	42	735	0.354	ng	#	97
6) bis(2-Chloroethyl)ether	7.24	93	3092	0.389	ng		97
9) Naphthalene	10.65	128	43038	0.414	ng		100
10) Hexachlorobutadiene	10.93	225	2989	0.413	ng		98
12) 2-Methylnaphthalene	12.27	142	7849	0.434	ng		95
16) Acenaphthylene	14.17	152	15300	0.393	ng		98
17) Acenaphthene	14.51	154	9003	0.405	ng		99
18) Fluorene	15.49	166	13492	0.412	ng		100
20) 4-Bromophenyl-phenylether	16.38	248	5785	0.395	ng	#	89
21) Hexachlorobenzene	16.49	284	5675	0.407	ng		99
22) Pentachlorophenol	16.84	266	2735	0.542	ng		99
23) Phenanthrene	17.23	178	25706	0.396	ng		99
24) Anthracene	17.32	178	24444	0.395	ng		99
26) Fluoranthene	19.25	202	37873	0.390	ng		99
28) Pyrene	19.61	202	39263	0.496	ng		100
30) Benzo(a)anthracene	21.34	228	42429	0.438	ng		98
31) Chrysene	21.40	228	42819	0.452	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	65380	0.407	ng		100
33) Indeno(1,2,3-cd)pyrene	26.49	276	46613	0.416	ng		98
35) Benzo(b)fluoranthene	23.09	252	40885	0.424	ng		99
36) Benzo(k)fluoranthene	23.14	252	38841	0.418	ng		100
37) Benzo(a)pyrene	23.75	252	38063	0.418	ng		99
38) Dibenzo(a,h)anthracene	26.52	278	38417	0.412	ng		99
39) Benzo(g,h,i)perylene	27.32	276	38013	0.407	ng		99

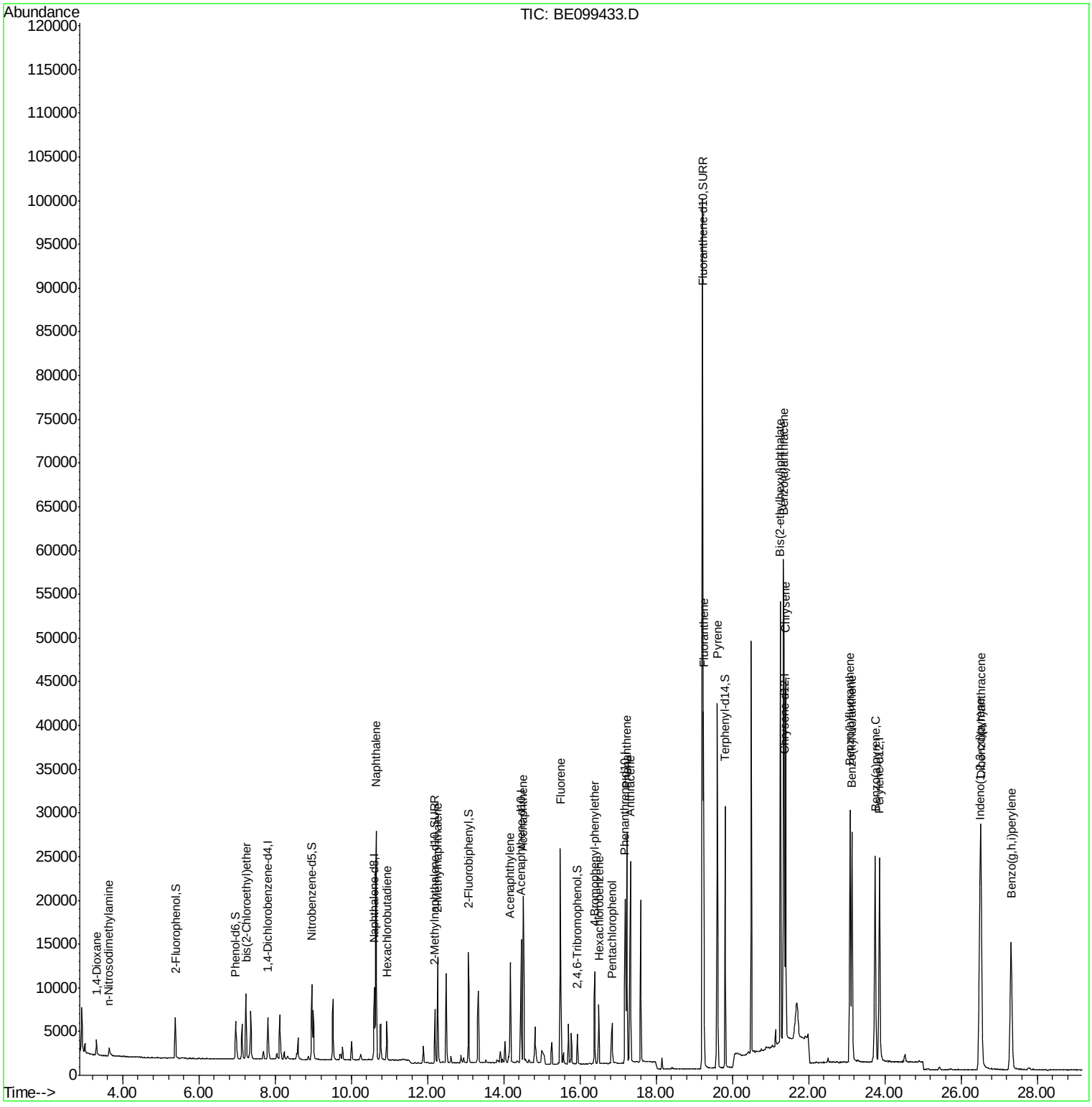
(#) = qualifier out of range (m) = manual integration (+) = signals summed

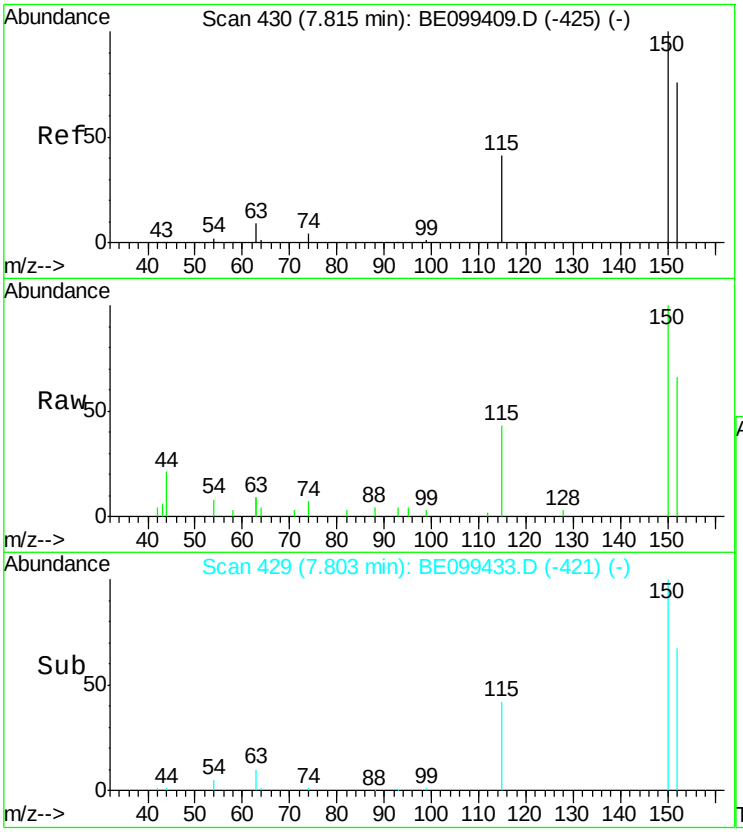
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099433.D
Acq On : 30 Apr 2019 19:11
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Apr 30 23:59:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



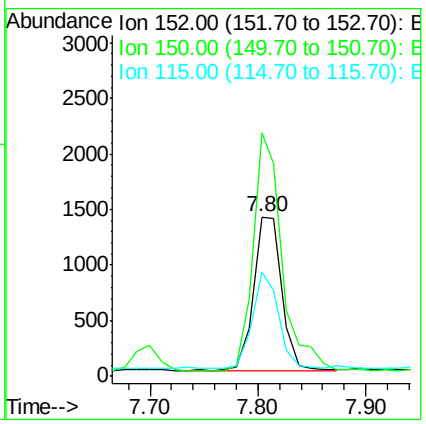


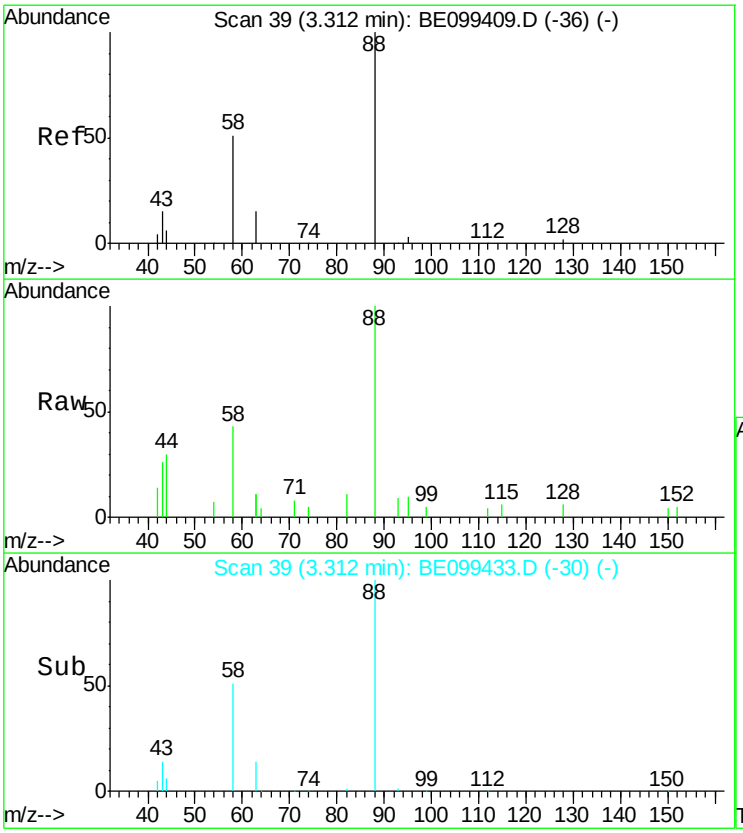
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2503

Ion	Ratio	Lower	Upper
152	100		
150	152.5	104.8	157.2
115	65.5	46.6	69.8

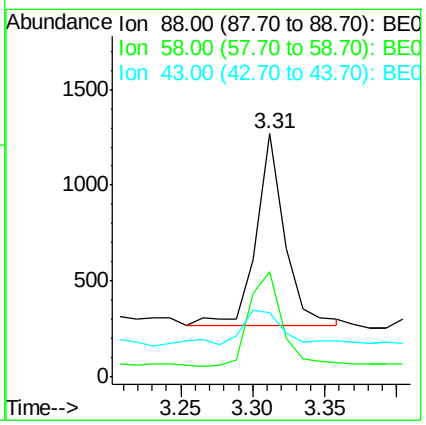


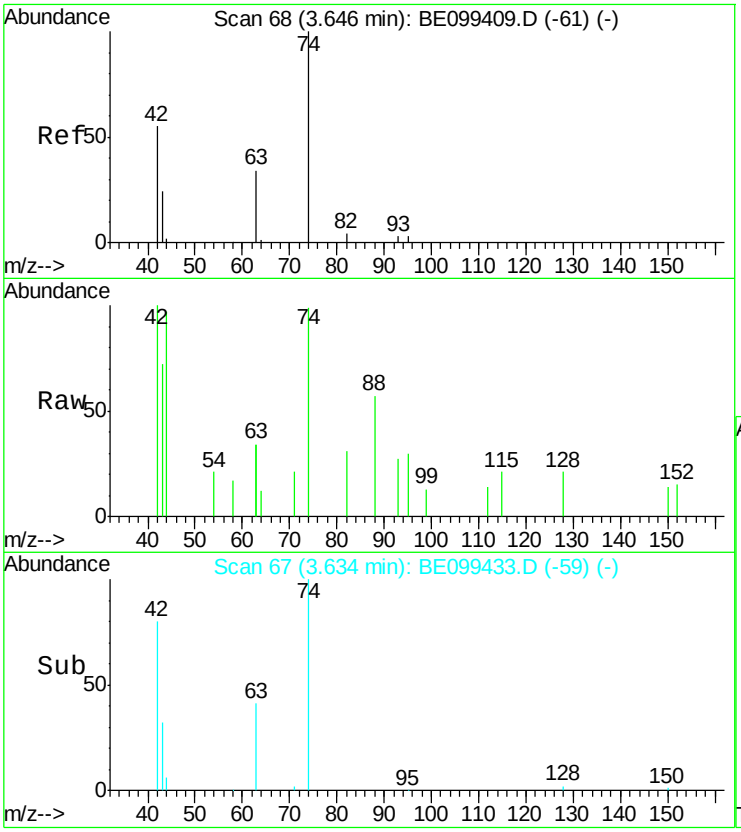


#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion: 88 Resp: 1368

Ion	Ratio	Lower	Upper
88	100		
58	56.9	51.0	76.6
43	29.1	20.6	30.8



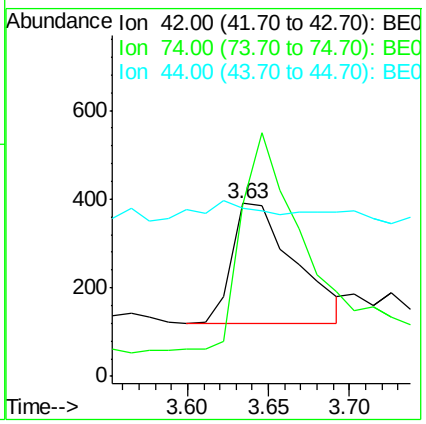


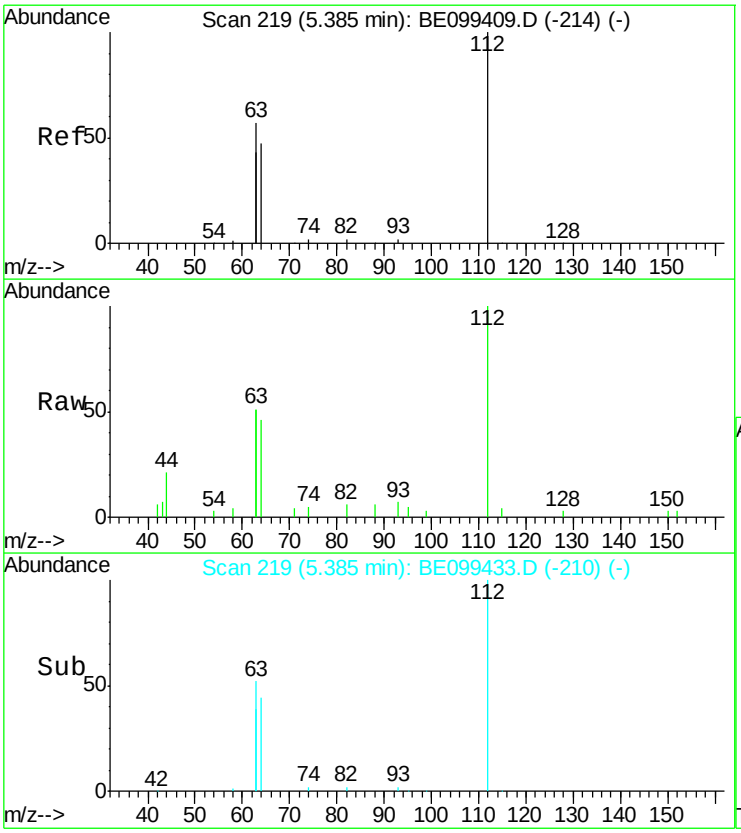
#3
n-Nitrosodimethylamine
Concen: 0.354 ng
RT: 3.63 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 735

Ion	Ratio	Lower	Upper
42	100		
74	172.7	141.6	212.4
44	0.0	0.0	0.0

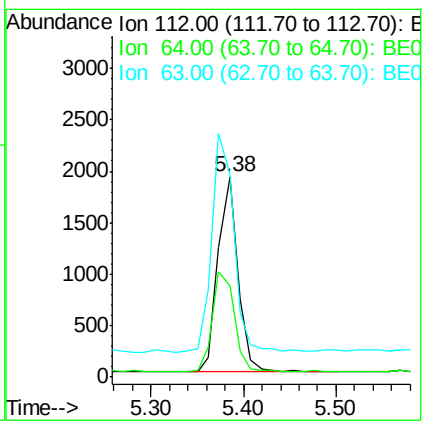


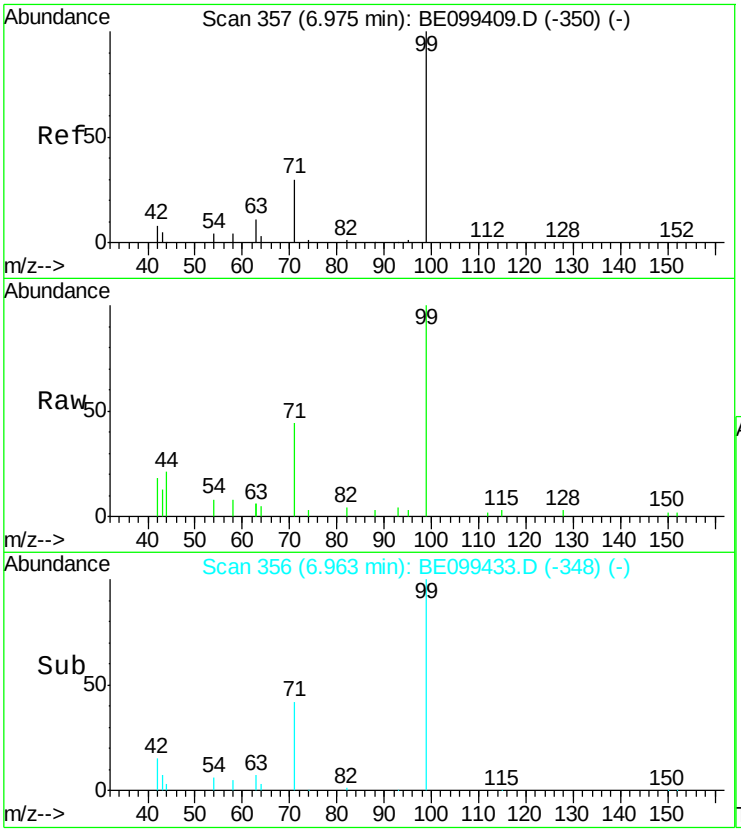


#4
2-Fluorophenol
Concen: 0.412 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:112 Resp: 2849

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.4	71.0
63	122.0	104.3	156.5



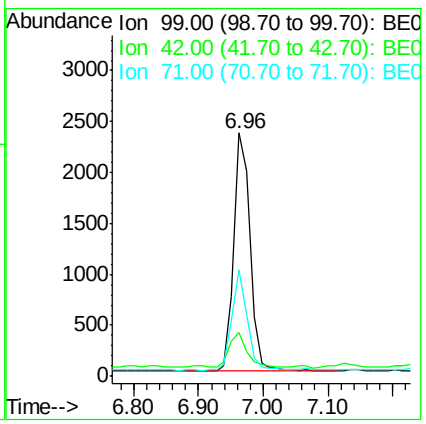


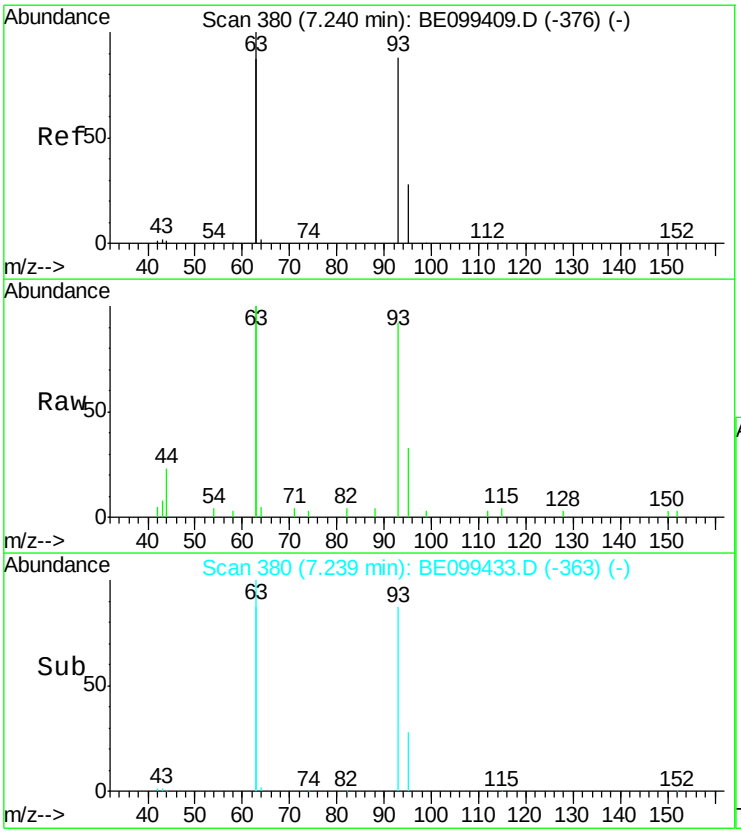
#5
Phenol-d6
Concen: 0.442 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4067

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.9	22.3
71	39.8	33.0	49.6

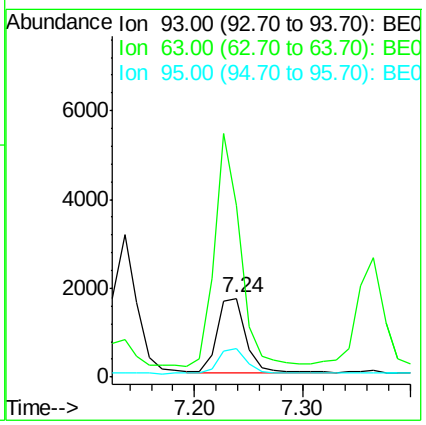


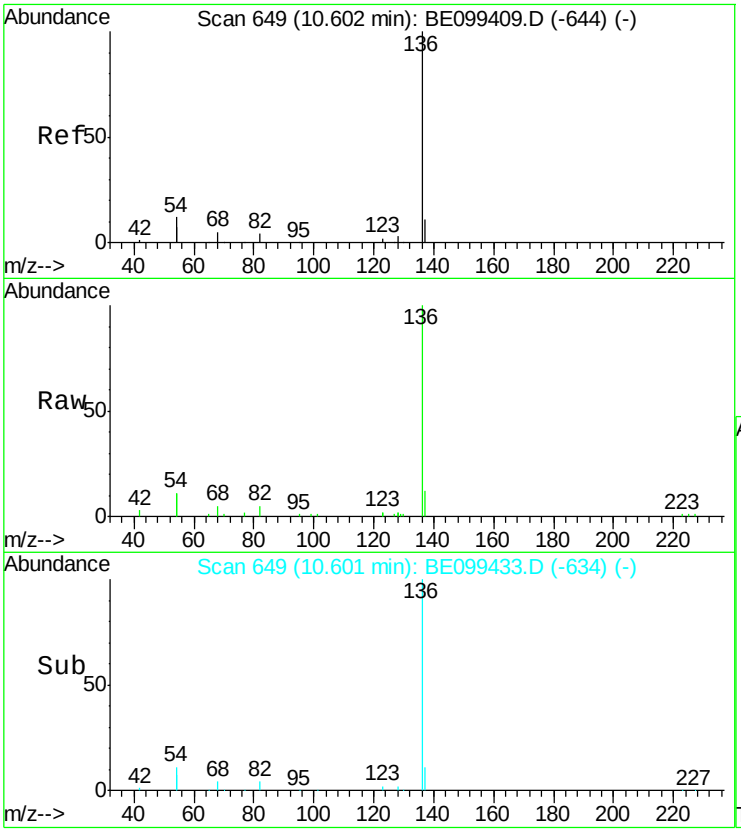


#6
bis(2-Chloroethyl)ether
Concen: 0.389 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion: 93 Resp: 3092

Ion	Ratio	Lower	Upper
93	100		
63	275.8	215.6	323.4
95	34.8	26.2	39.2



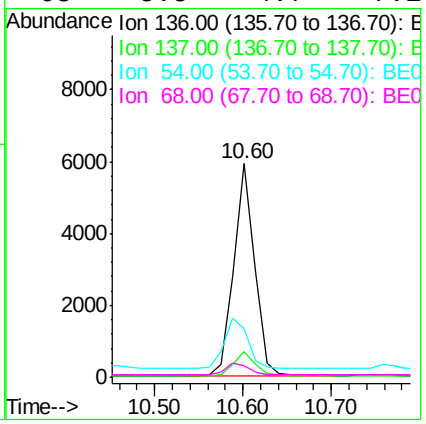


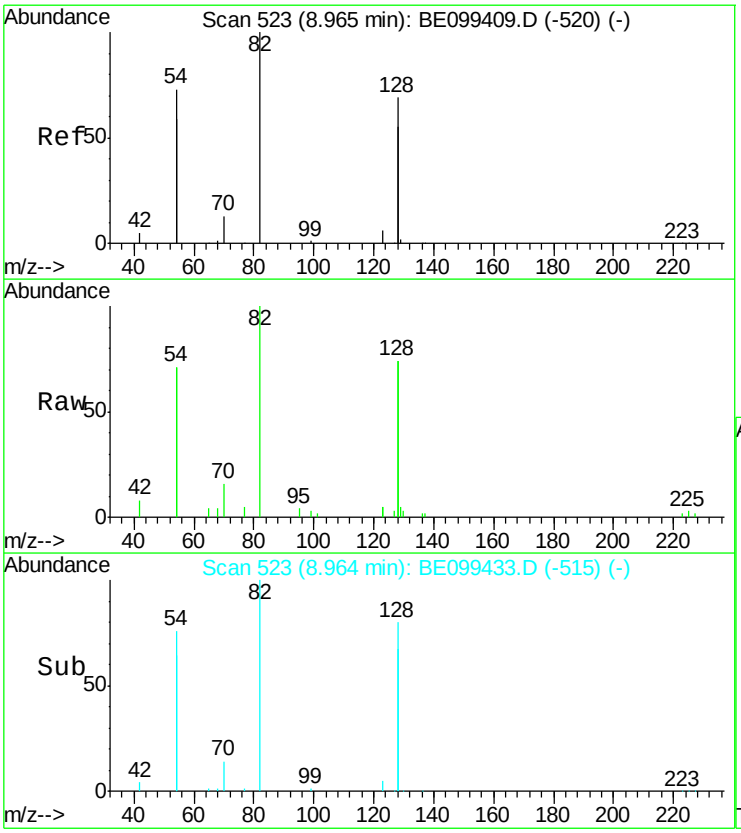
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 9542

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	22.7	18.5	27.7
68	5.5	4.7	7.1

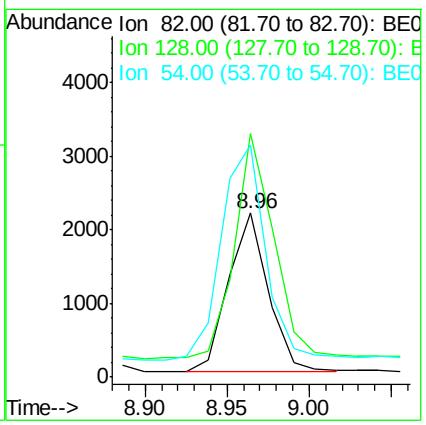


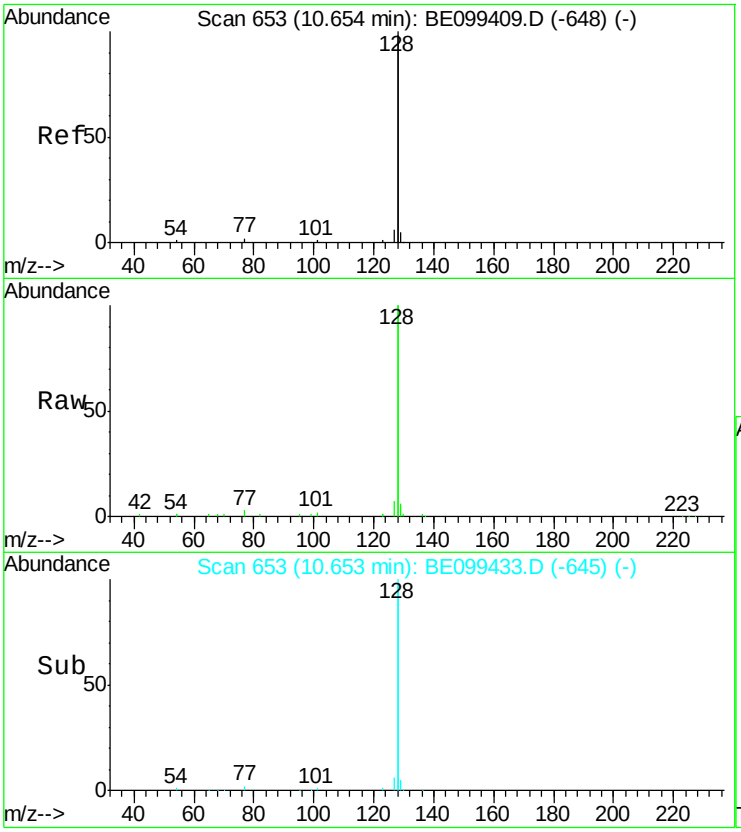


#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion: 82 Resp: 3660

Ion	Ratio	Lower	Upper
82	100		
128	148.7	107.0	160.4
54	141.4	113.1	169.7



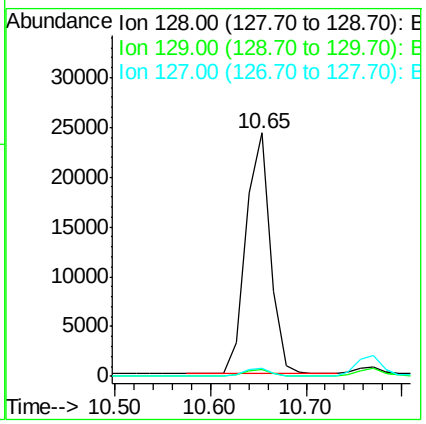


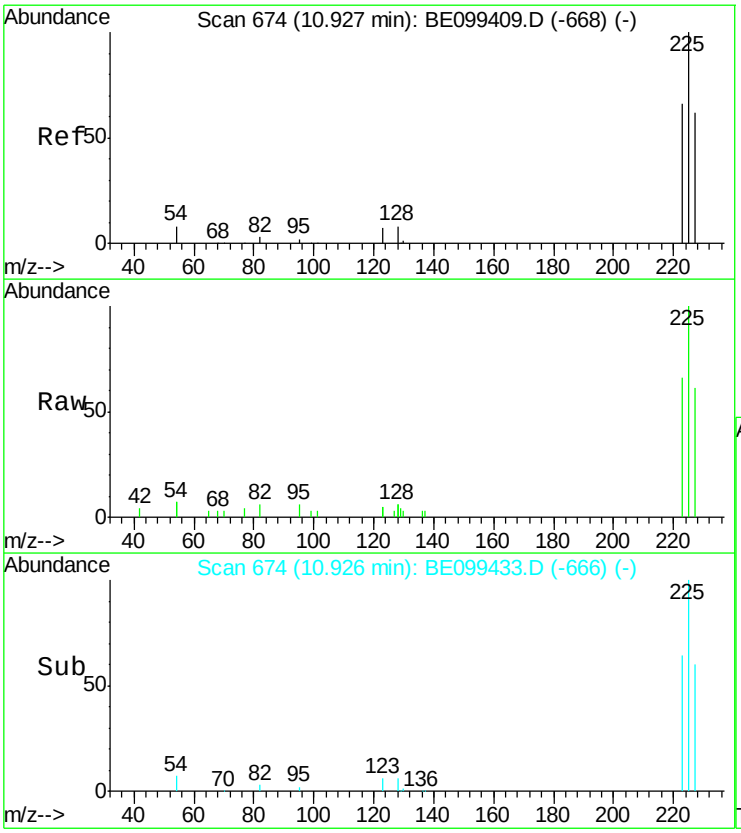
#9
Naphthalene
Concen: 0.414 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 43038

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.4	2.8	4.2

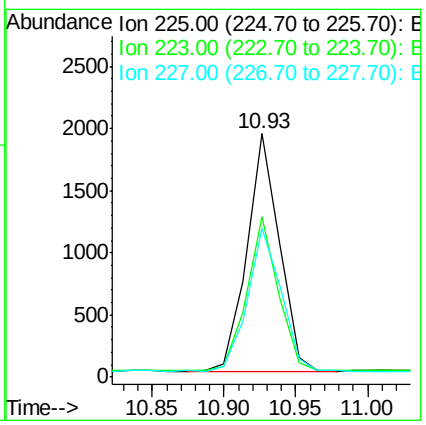


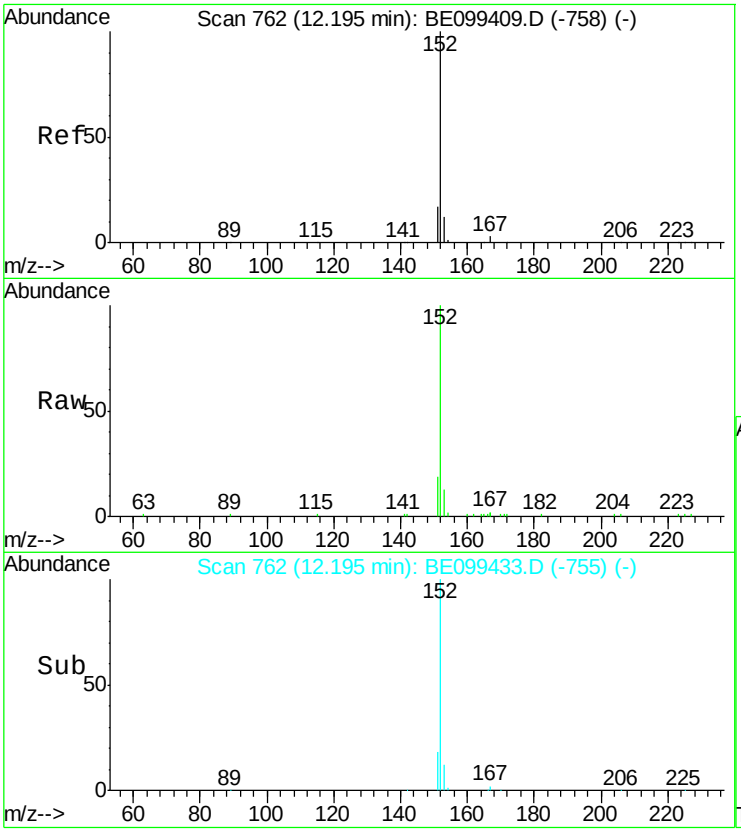


#10
Hexachlorobutadiene
Concen: 0.413 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:225 Resp: 2989

Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	61.9	50.9	76.3



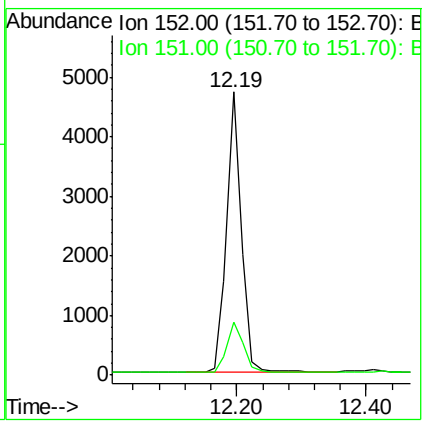


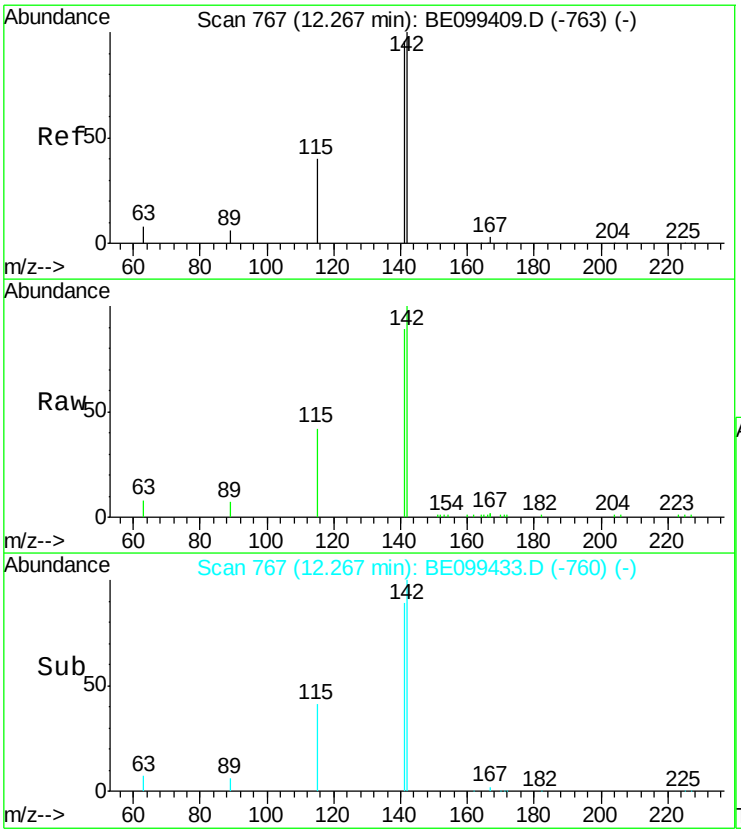
#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7393

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3

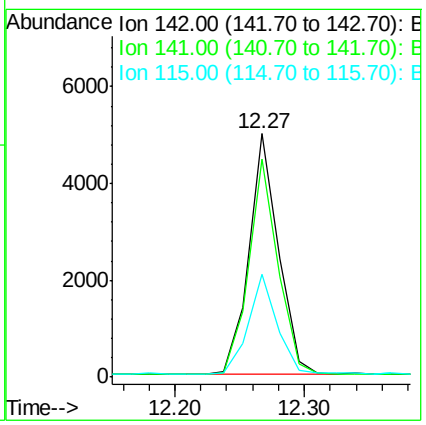


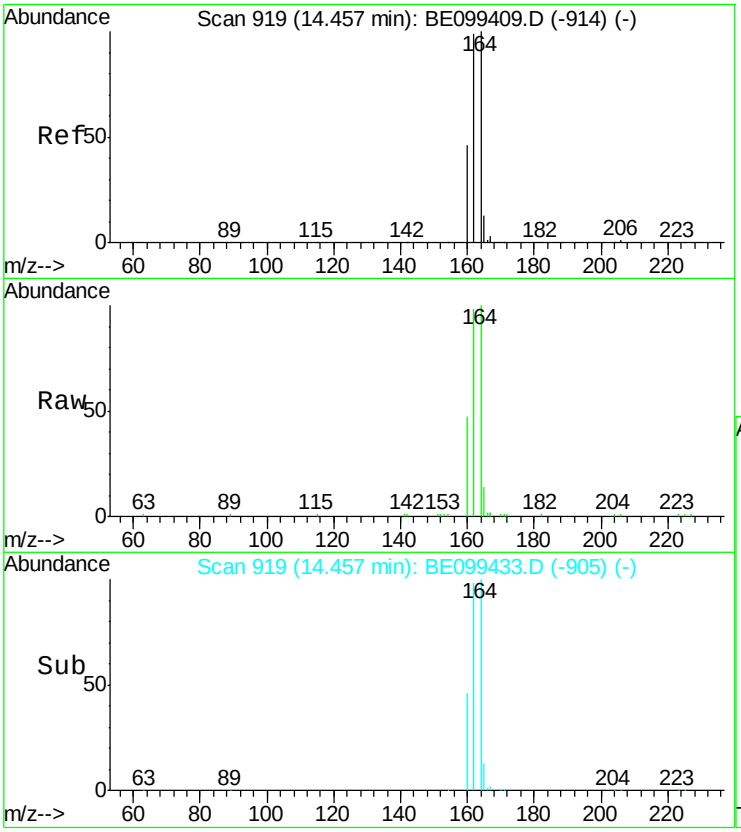


#12
2-Methylnaphthalene
Concen: 0.434 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:142 Resp: 7849

Ion	Ratio	Lower	Upper
142	100		
141	89.5	77.0	115.4
115	42.1	33.4	50.0



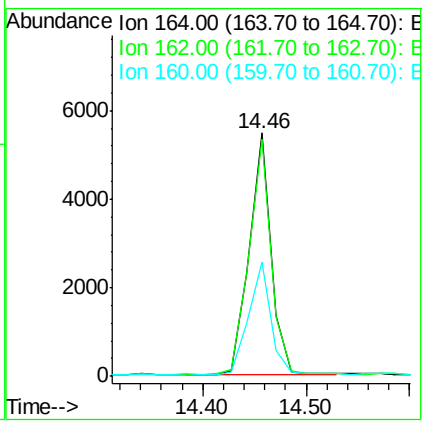


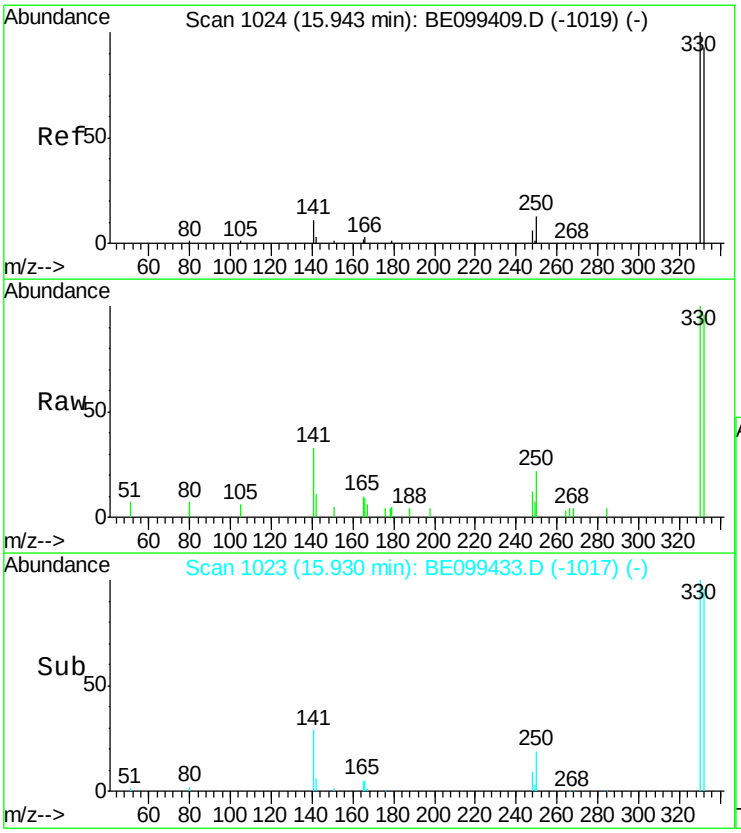
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7953

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.0	118.4
160	46.9	37.0	55.4

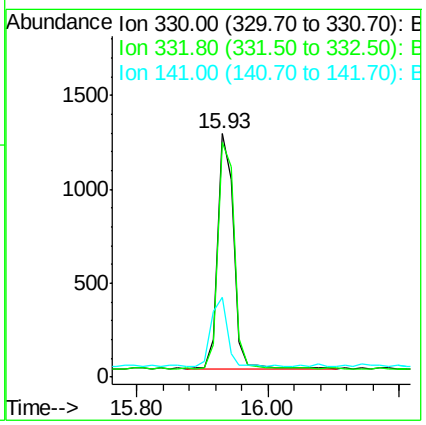


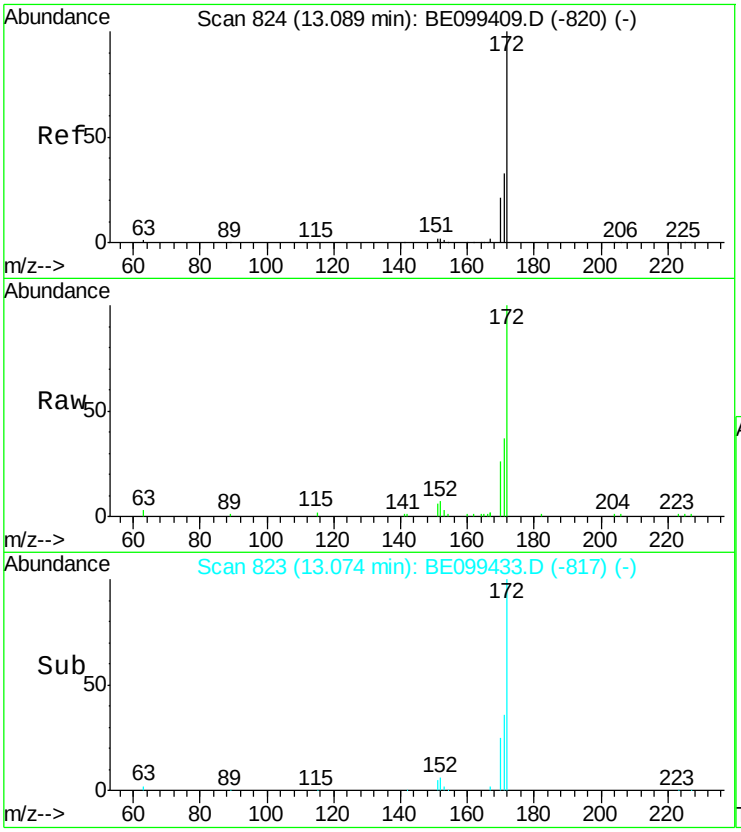


#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:330 Resp: 2100

Ion	Ratio	Lower	Upper
330	100		
332	101.1	71.5	107.3
141	30.6	24.0	36.0



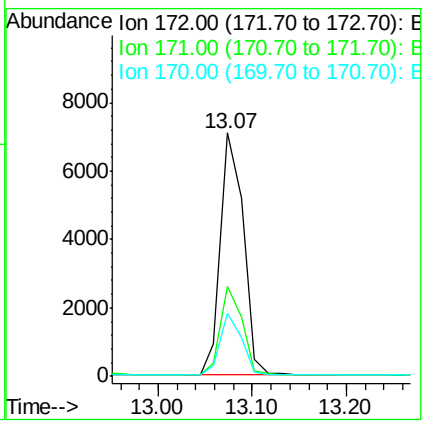


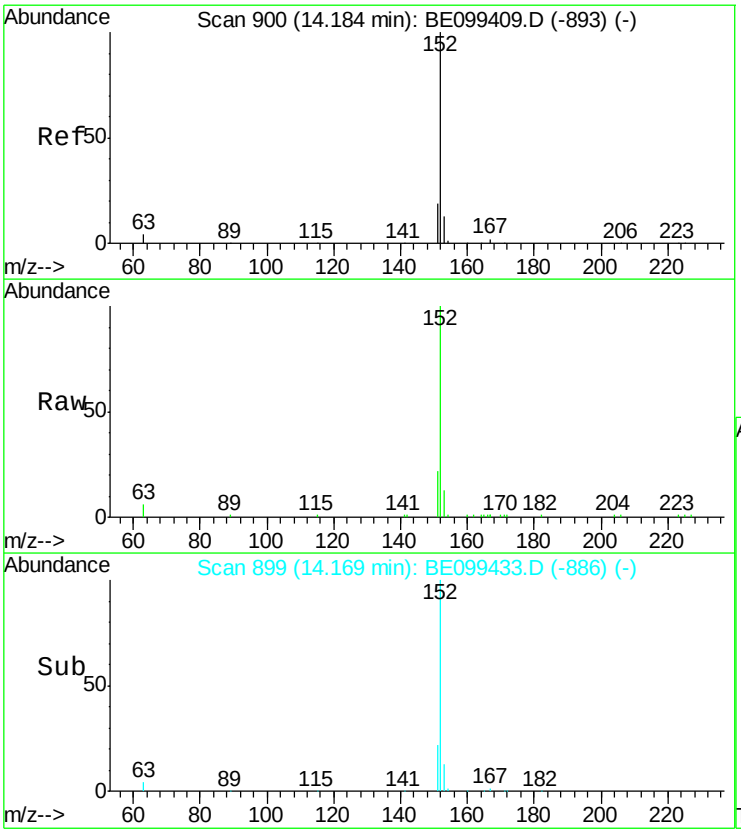
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 11861

Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.6	39.8
170	26.0	17.0	25.6#

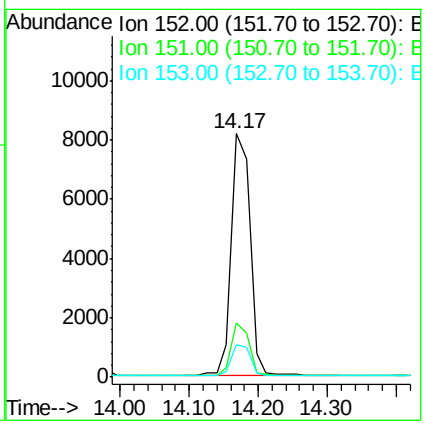


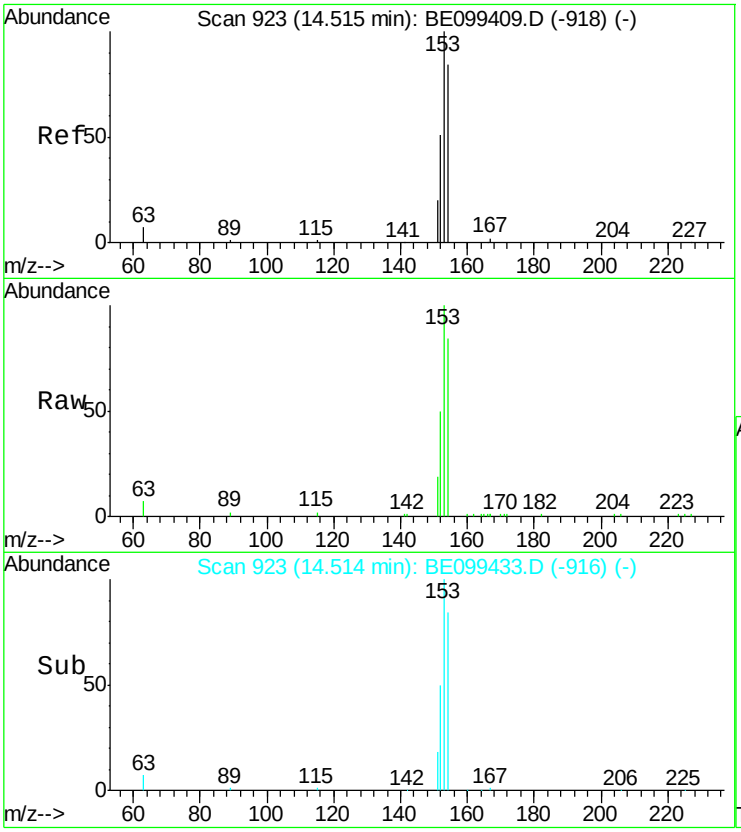


#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.02 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:152 Resp: 15300

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.4	23.2
153	12.8	9.8	14.6



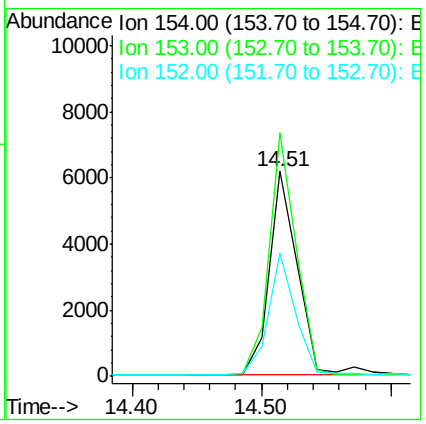


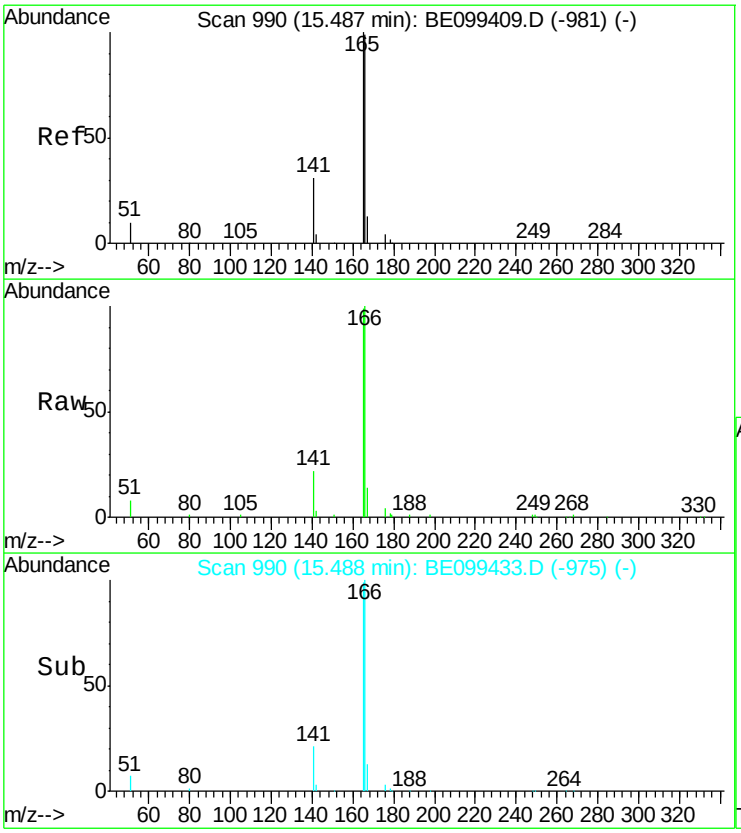
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 9003

Ion	Ratio	Lower	Upper
154	100		
153	116.6	92.6	138.8
152	58.2	45.8	68.8

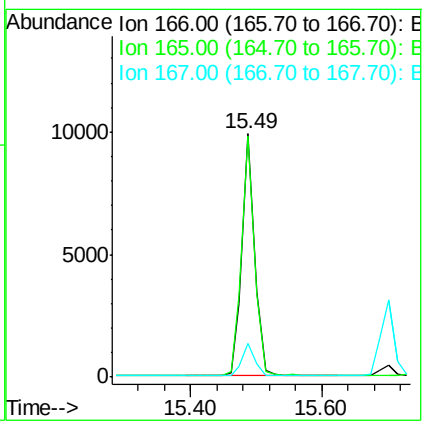


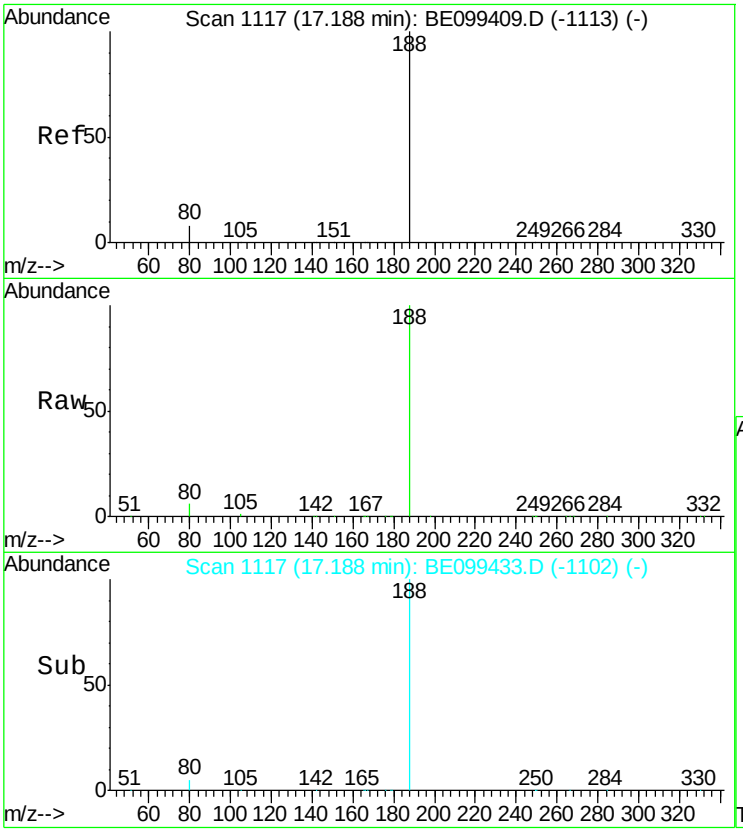


#18
Fluorene
Concen: 0.412 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:166 Resp: 13492

Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.3	120.5
167	13.5	10.7	16.1



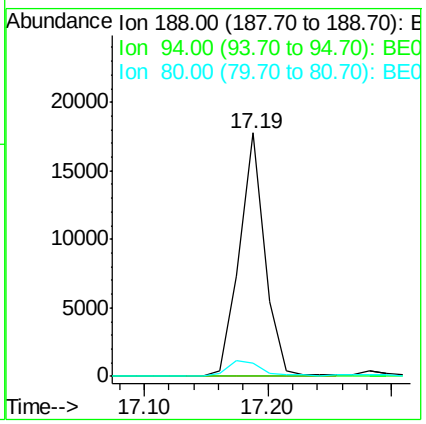


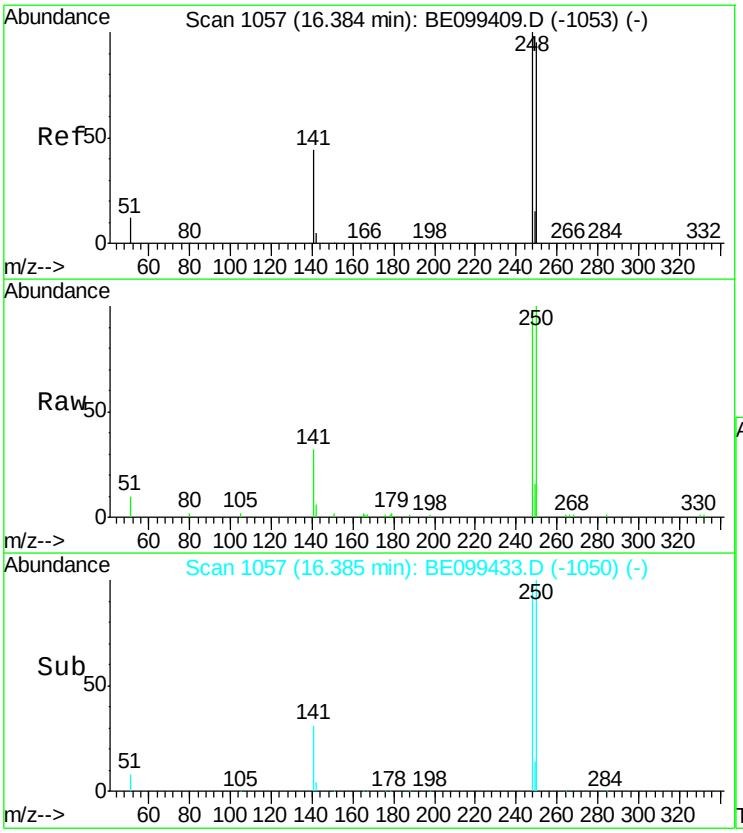
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 25155

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.6	6.7	10.1#

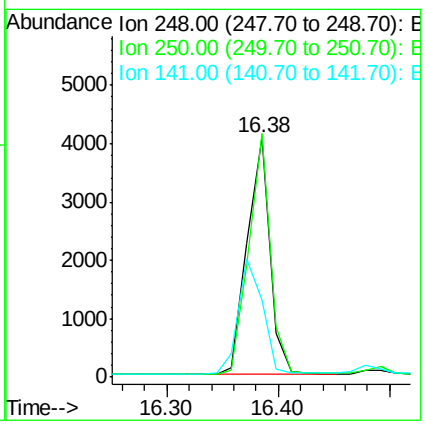


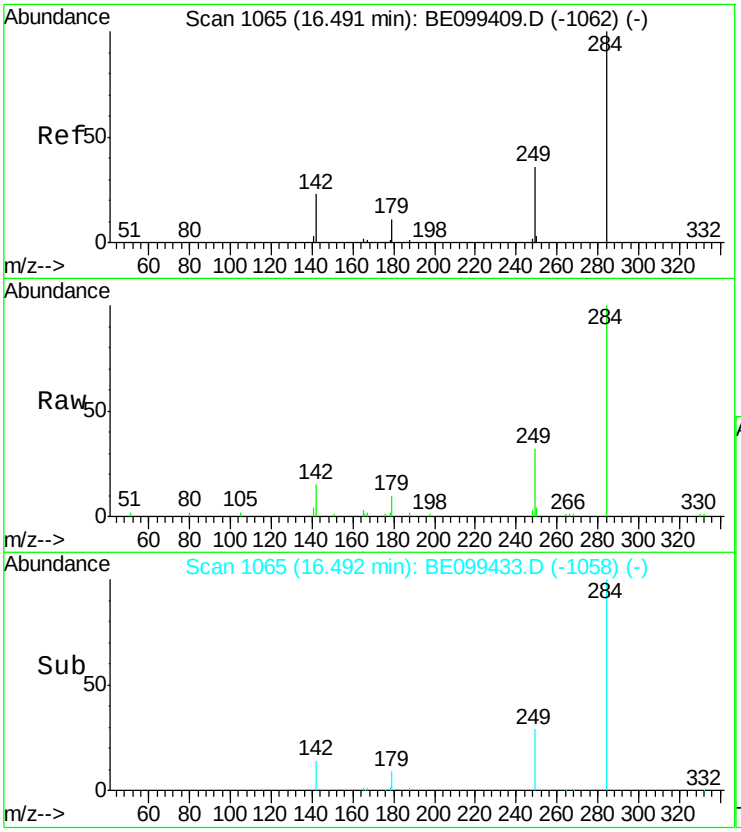


#20
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:248 Resp: 5785

Ion	Ratio	Lower	Upper
248	100		
250	101.8	75.8	113.8
141	32.3	35.7	53.5#



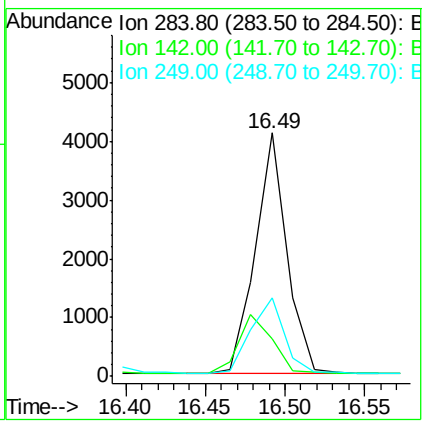


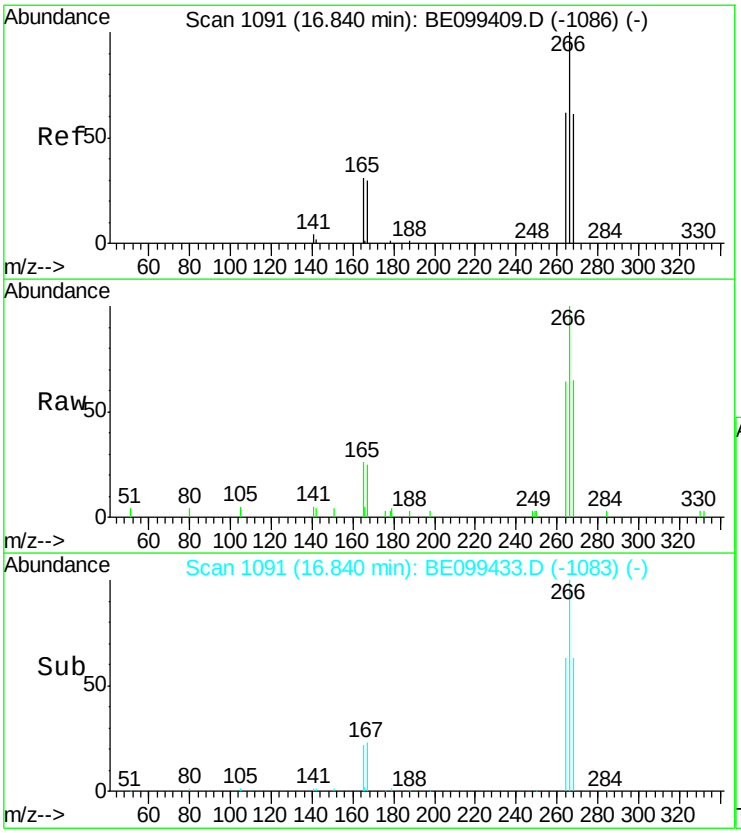
#21
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5675

Ion	Ratio	Lower	Upper
284	100		
142	26.1	21.0	31.6
249	32.9	26.7	40.1

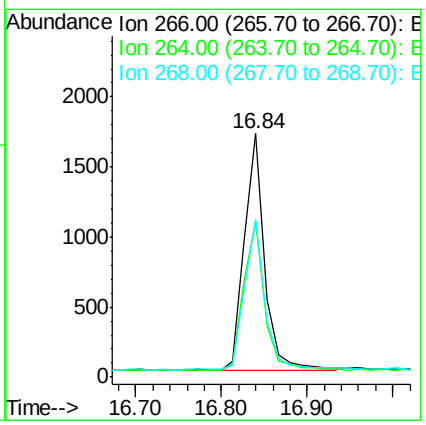


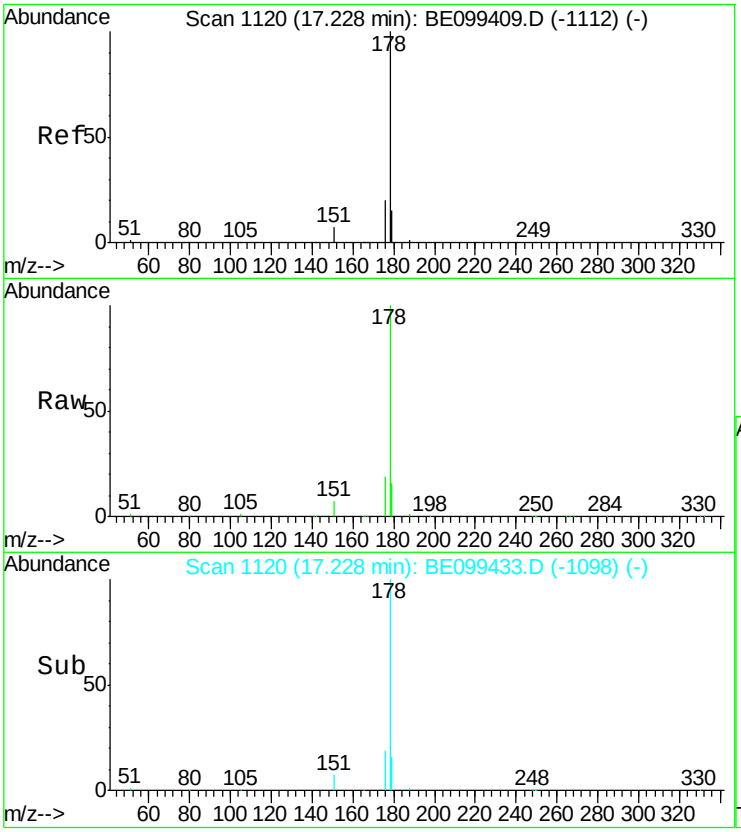


#22
Pentachlorophenol
Concen: 0.542 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:266 Resp: 2735

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.8	76.2
268	64.8	50.5	75.7



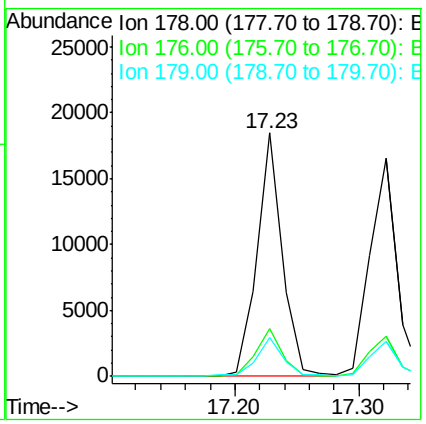


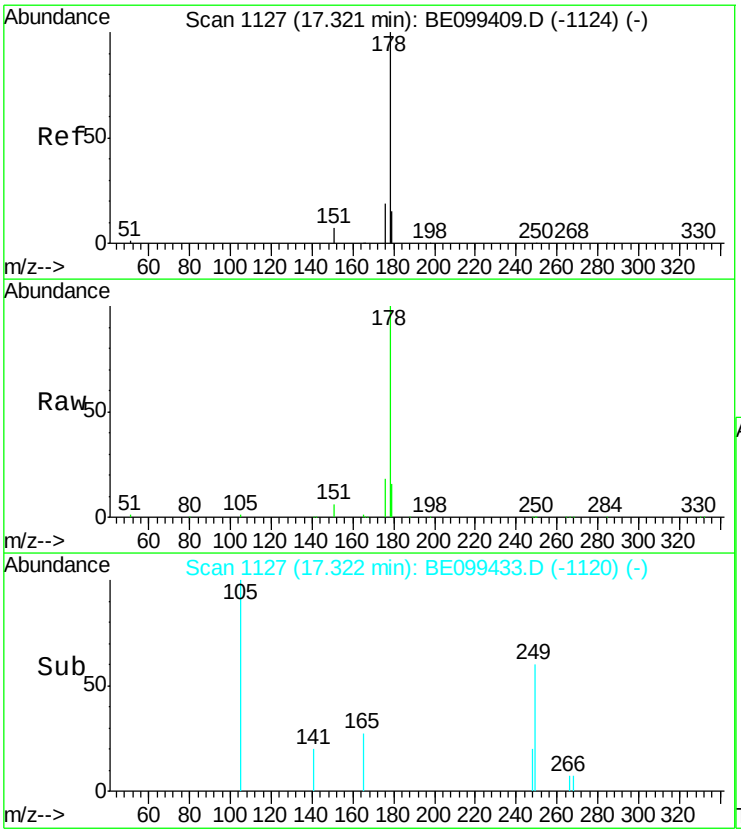
#23
Phenanthrene
Concen: 0.396 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 25706

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.7	12.0	18.0

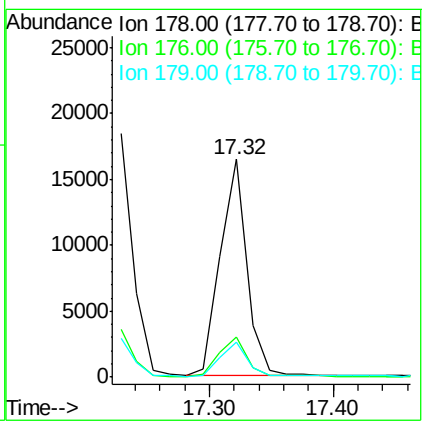


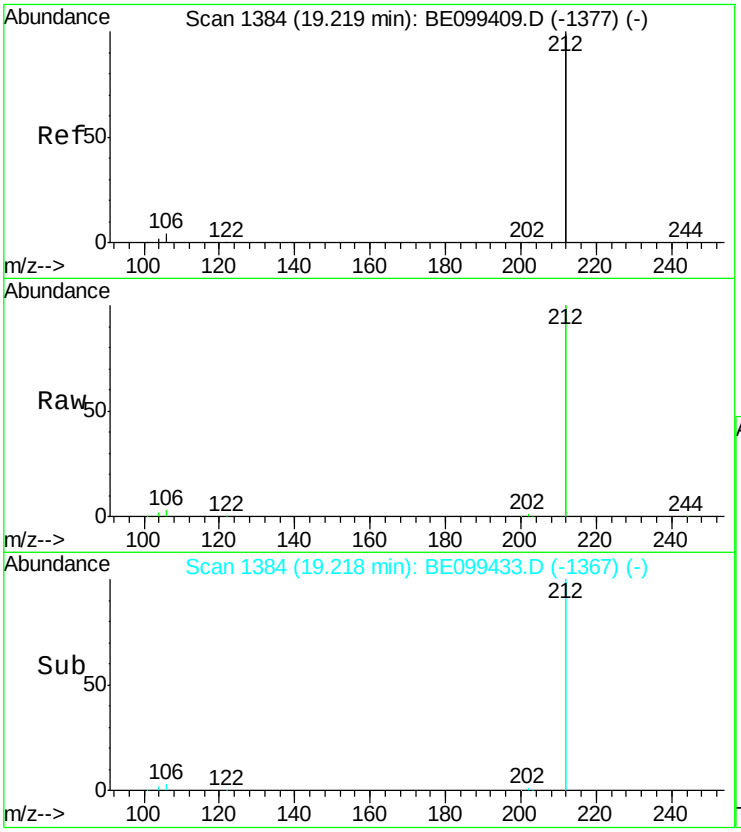


#24
Anthracene
Concen: 0.395 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:178 Resp: 24444

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.7	11.9	17.9



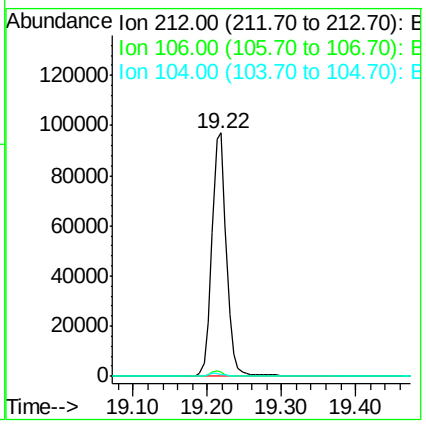


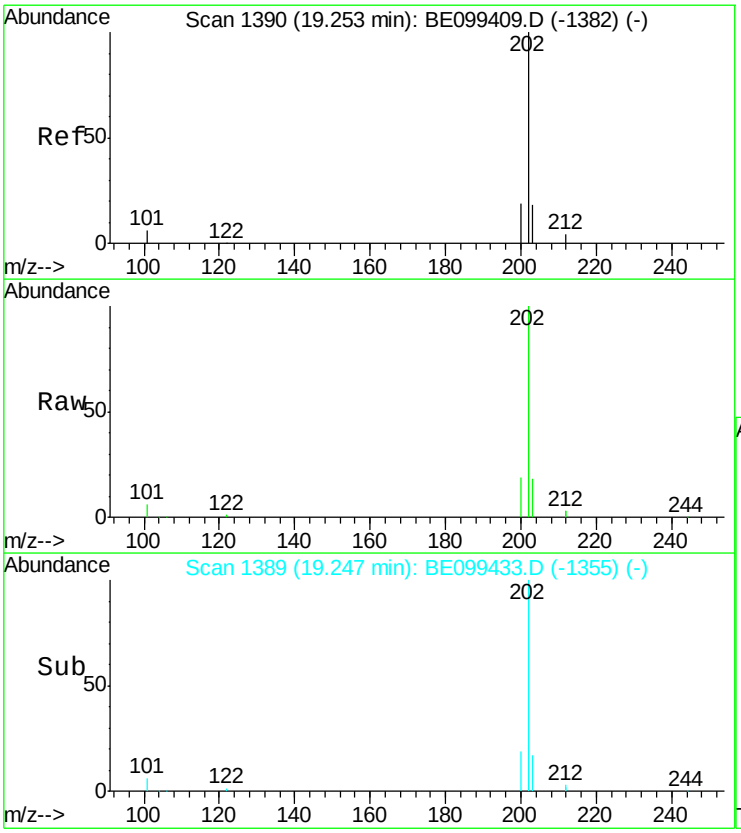
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 130110

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3

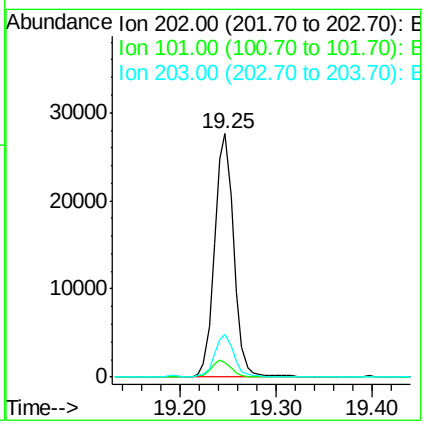


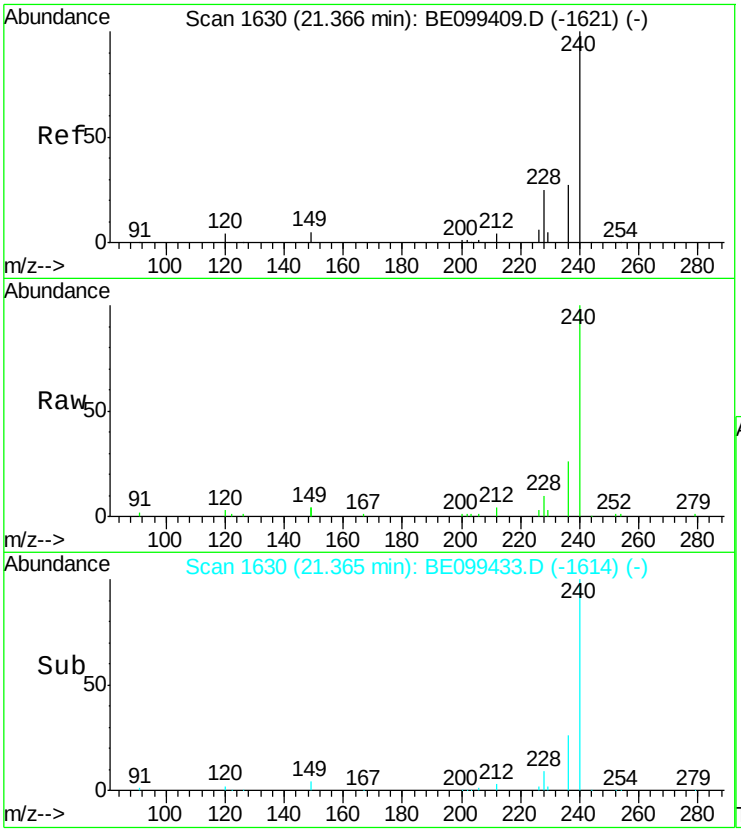


#26
Fluoranthene
Concen: 0.390 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:202 Resp: 37873

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.4	8.0
203	17.1	13.9	20.9



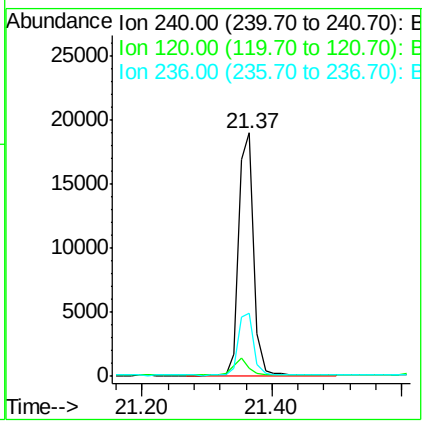


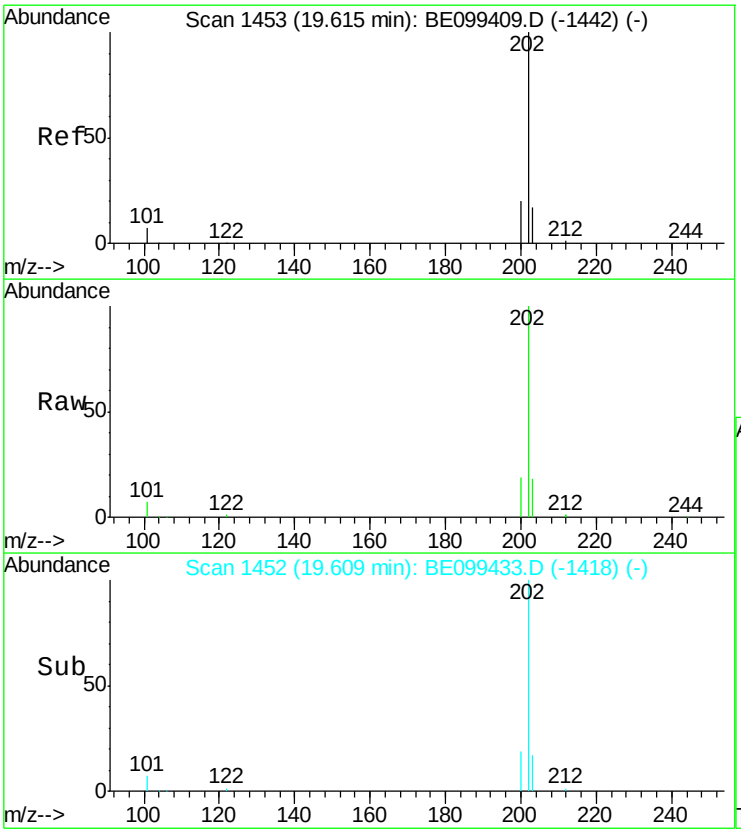
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 30393

Ion	Ratio	Lower	Upper
240	100		
120	3.1	4.0	6.0#
236	26.1	22.0	33.0

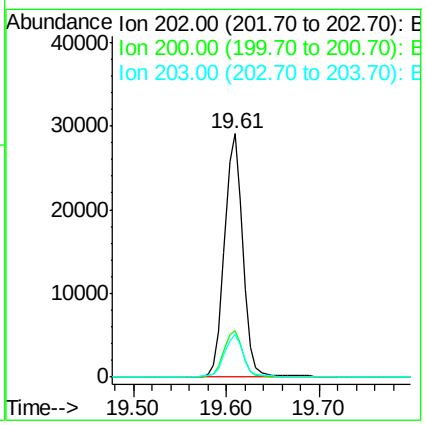


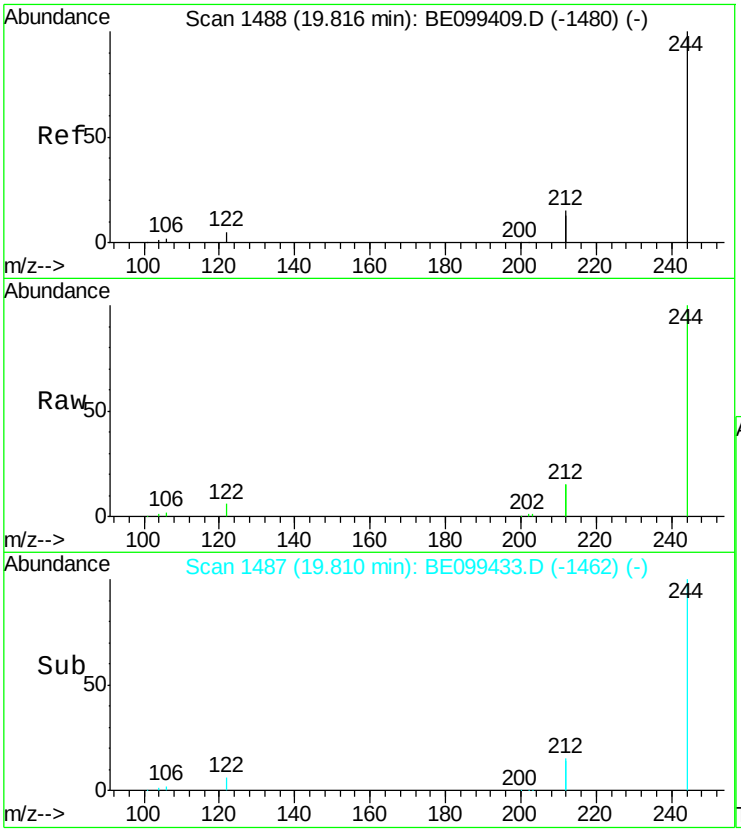


#28
Pyrene
Concen: 0.496 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:202 Resp: 39263

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.4	13.9	20.9



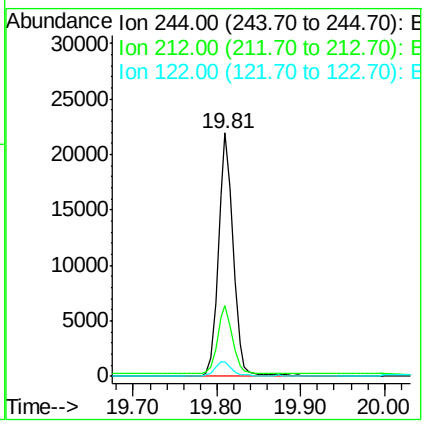


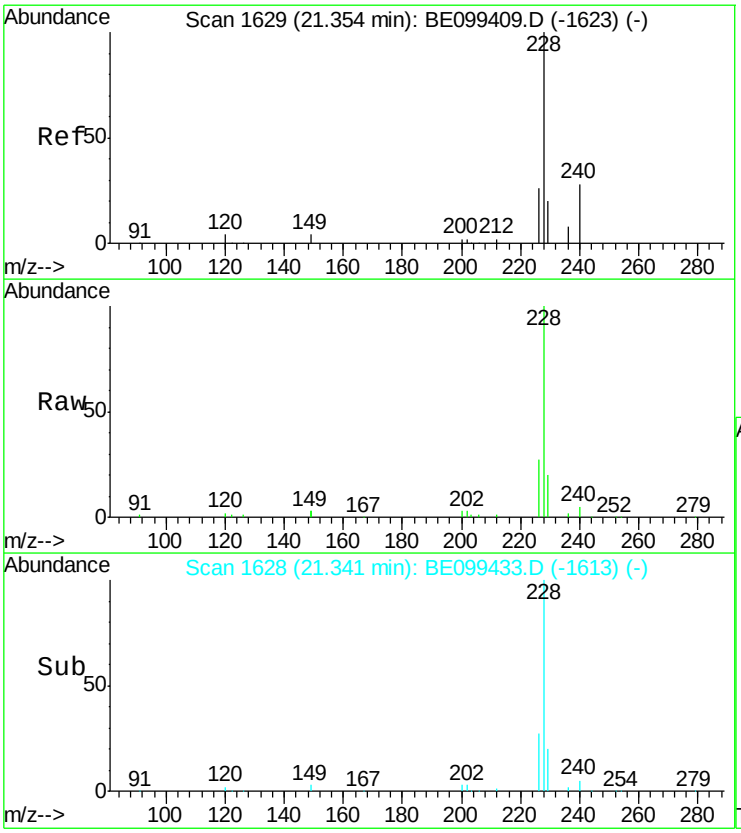
#29
Terphenyl-d14
Concen: 0.477 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 26572

Ion	Ratio	Lower	Upper
244	100		
212	29.2	23.2	34.8
122	6.0	4.2	6.4

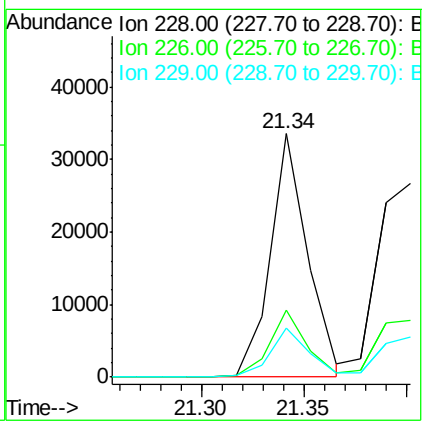


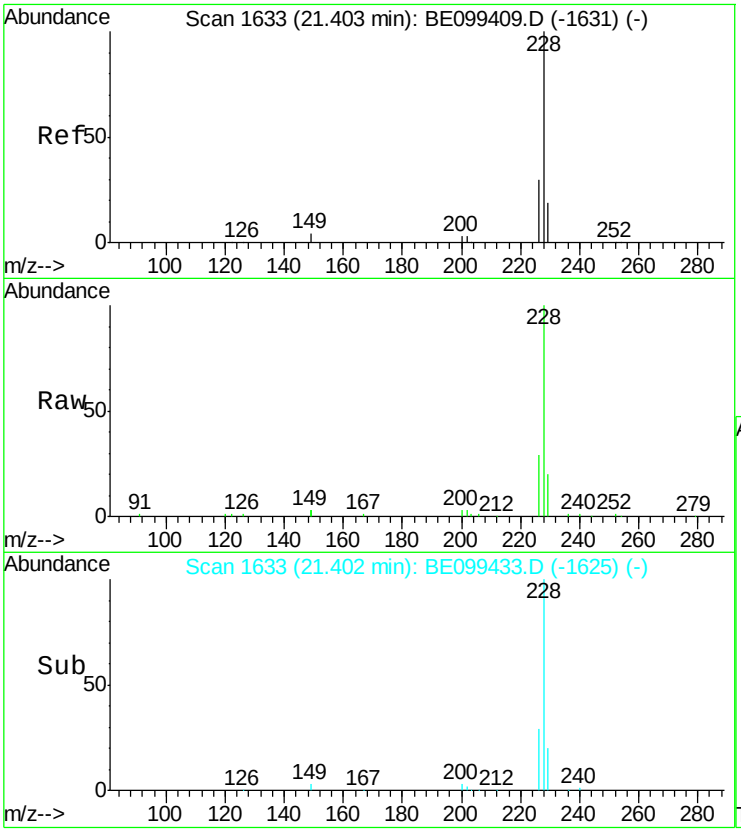


#30
Benzo(a)anthracene
Concen: 0.438 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:228 Resp: 42429

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.0	31.6
229	20.3	16.6	25.0



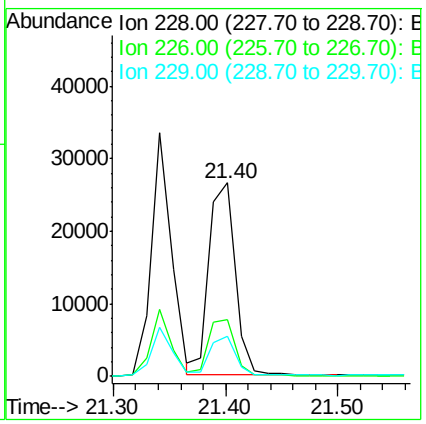


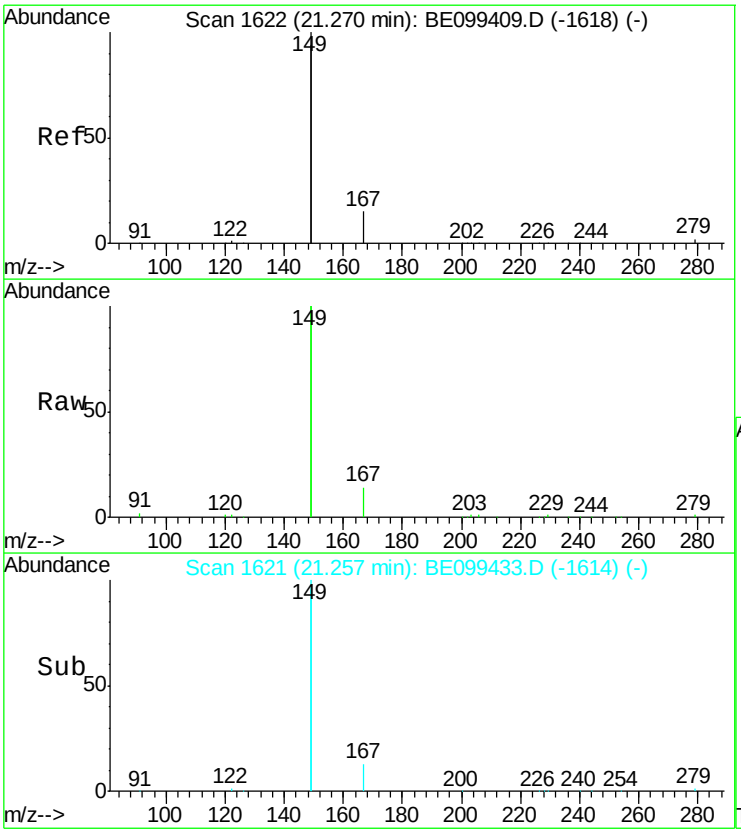
#31
Chrysene
Concen: 0.452 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 42819

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	20.4	15.8	23.8

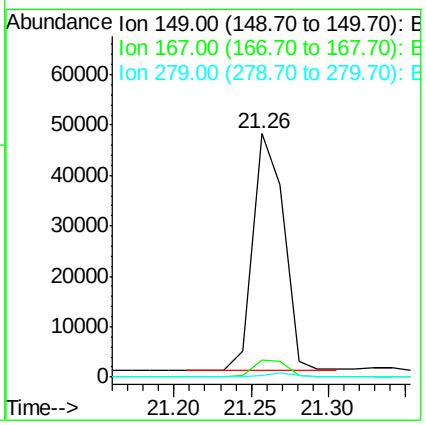


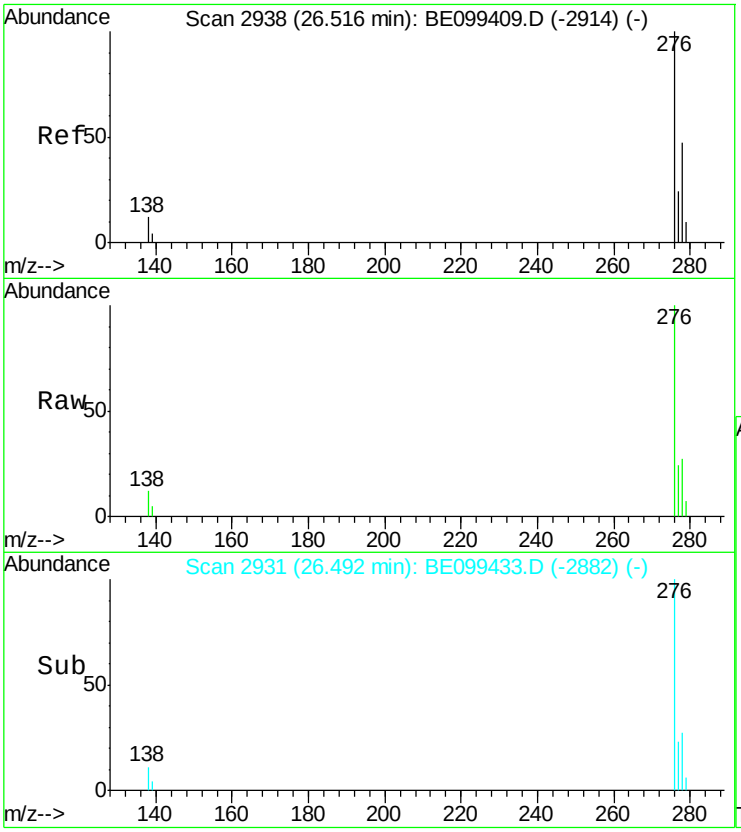


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.407 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:149 Resp: 65380

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.6
279	1.4	1.0	1.6



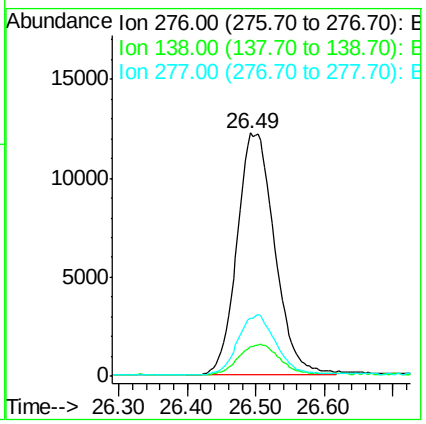


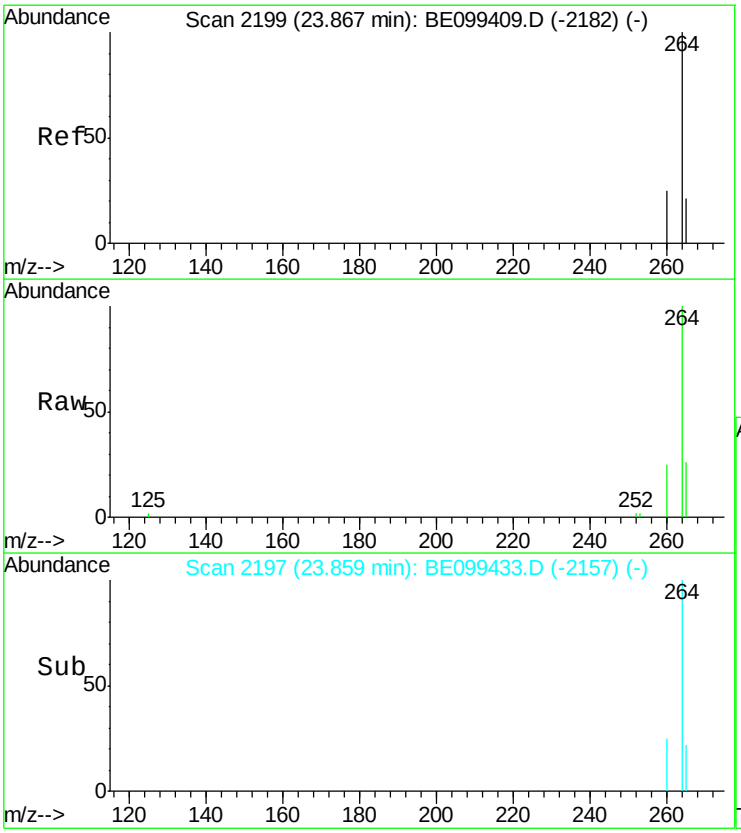
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng
RT: 26.49 min Scan# 2931
Delta R.T. -0.02 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 46613

Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.2	15.2
277	24.6	19.2	28.8

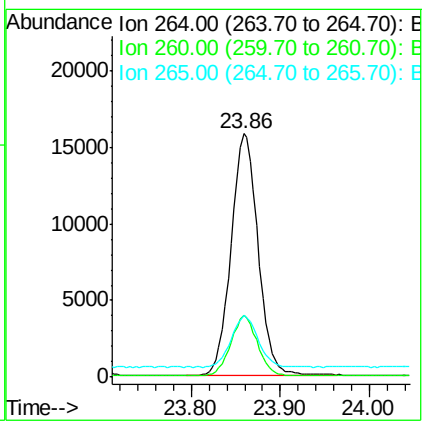


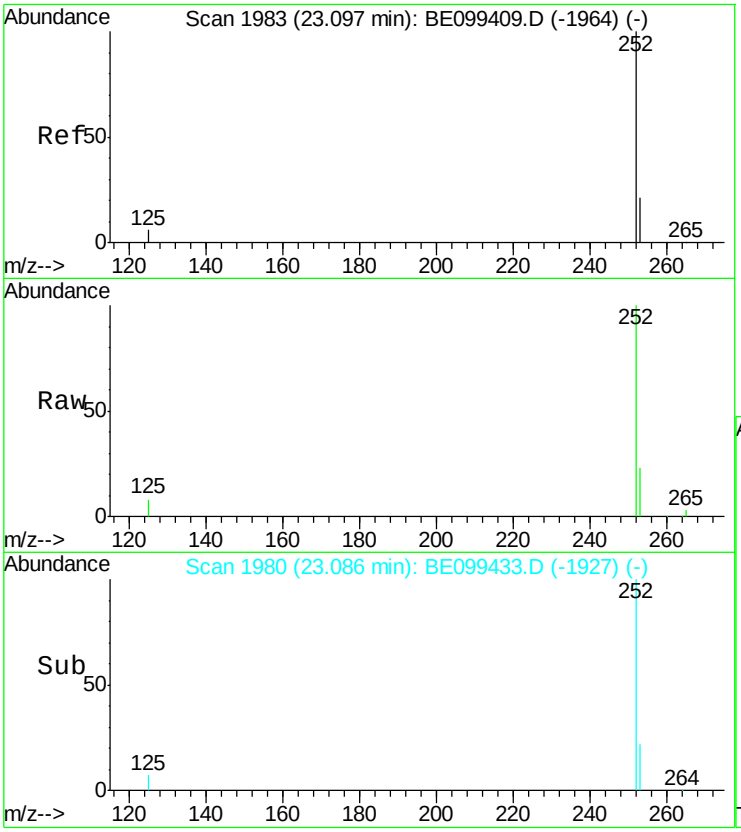


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:264 Resp: 33407

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	25.6	21.3	31.9



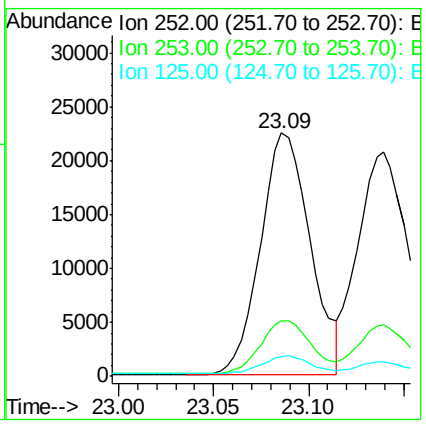


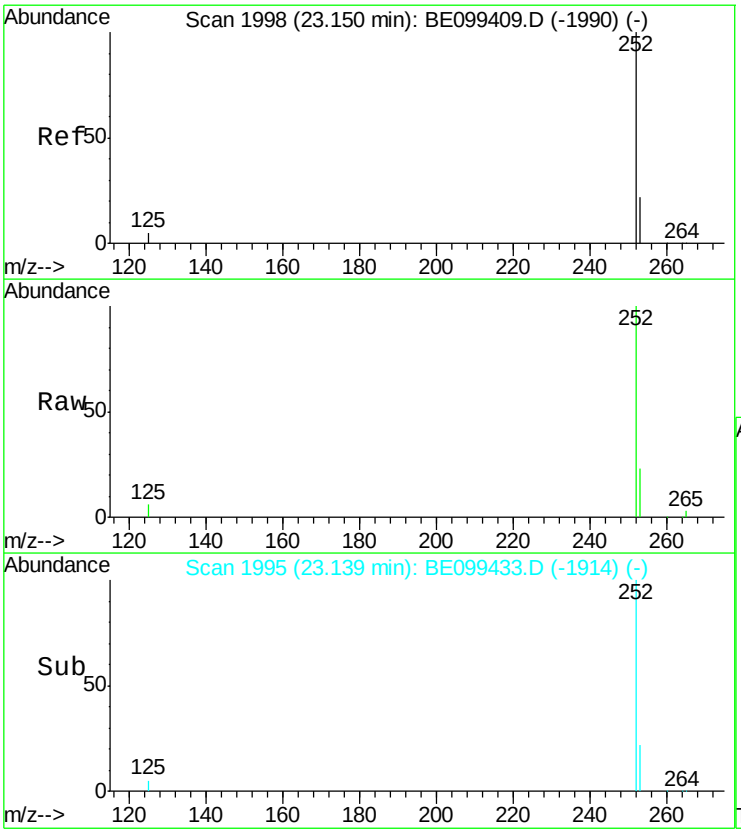
#35
Benzo(b)fluoranthene
Concen: 0.424 ng
RT: 23.09 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 40885

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	8.0	5.6	8.4

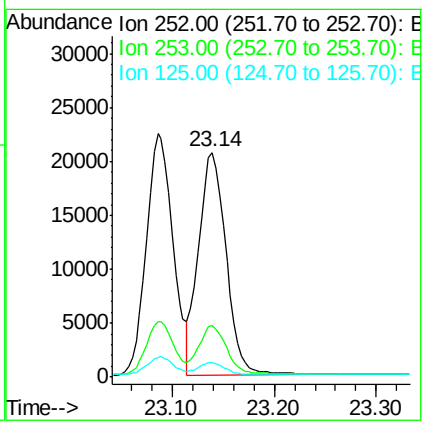


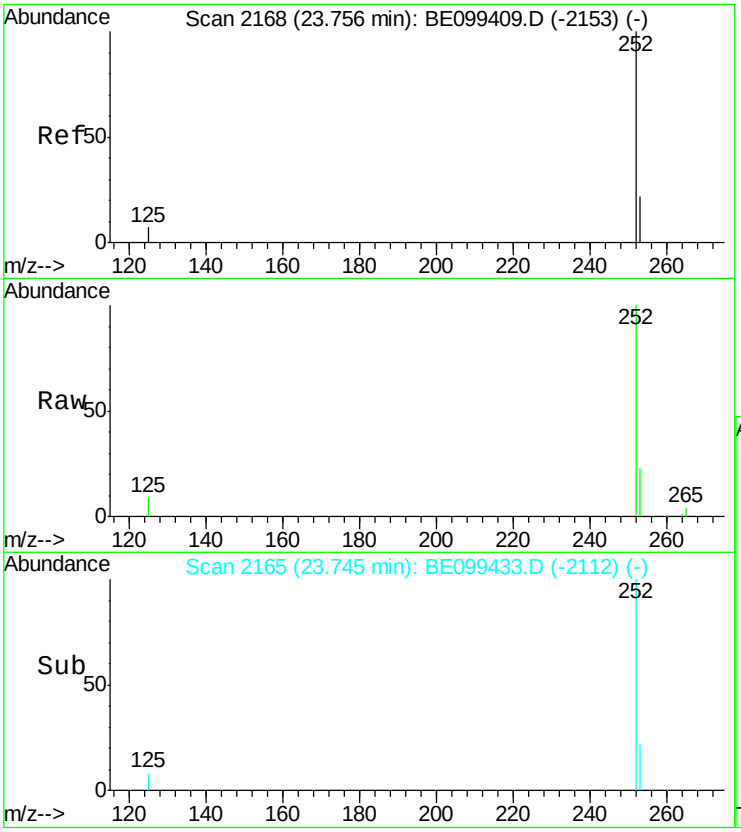


#36
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:252 Resp: 38841

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	6.5	5.0	7.4



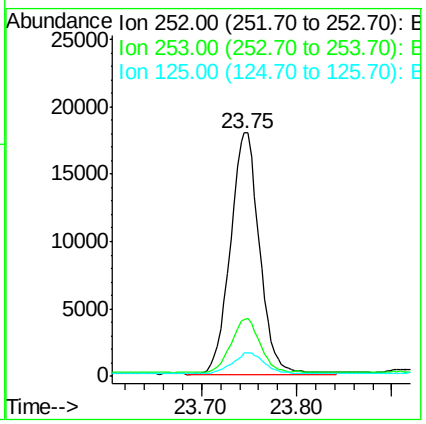


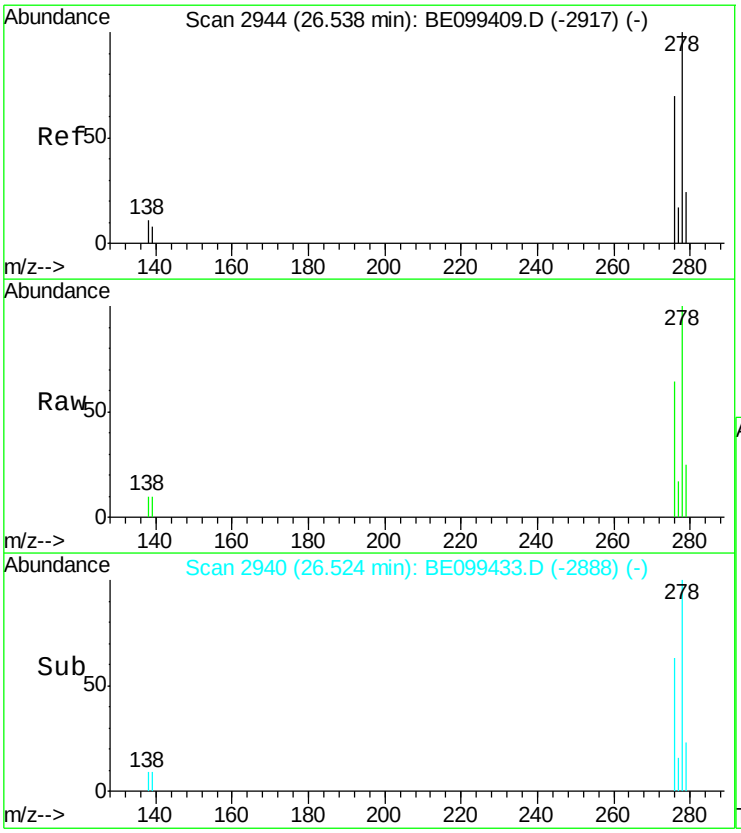
#37
Benzo(a)pyrene
Concen: 0.418 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 38063

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	9.4	6.7	10.1

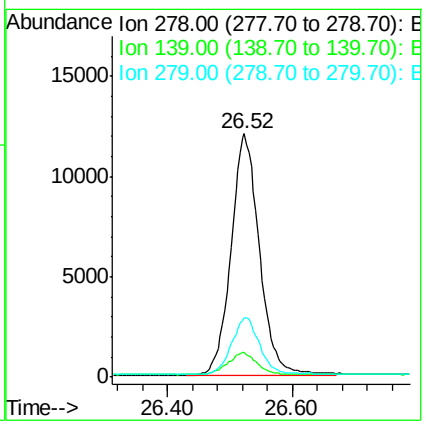


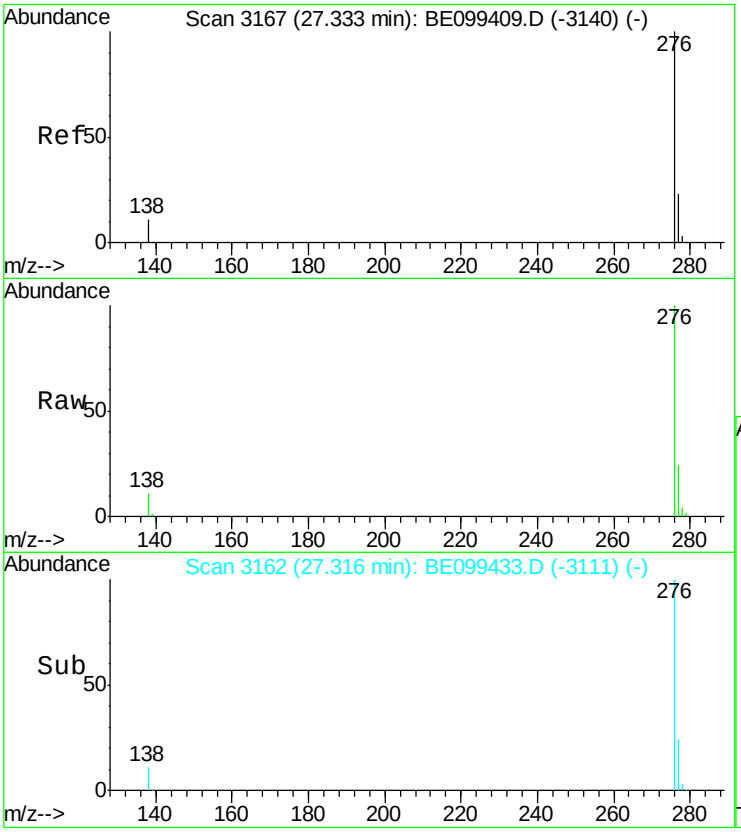


#38
Dibenzo(a,h)anthracene
Concen: 0.412 ng
RT: 26.52 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:278 Resp: 38417

Ion	Ratio	Lower	Upper
278	100		
139	9.9	7.7	11.5
279	24.5	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.407 ng
RT: 27.32 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 38013

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	11.3	9.6	14.4