Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
Data File : BE099435.D
Acq On : 30 Apr 2019 21:02
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Apr 30 22:46:57 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	2575	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	9798	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7764	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	24650	0.40	ng		0.00
27) Chrysene-d12	21.37	240	29410	0.40	ng		0.00
34) Perylene-d12	23.86	264	33026	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2971	0.42	ng		0.00
5) Phenol-d6	6.96	99	4017	0.42	ng		-0.01
8) Nitrobenzene-d5	8.96	82	3679	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	7260	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.93	330	2019	0.41	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	11830	0.40	ng		-0.02
25) Fluoranthene-d10	19.21	212	125765	0.38	ng		0.00
29) Terphenyl-d14	19.81	244	26123	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1337	0.377	ng		96
3) n-Nitrosodimethylamine	3.64	42	751	0.352	ng	#	1
6) bis(2-Chloroethyl)ether	7.24	93	3258	0.399	ng		99
9) Naphthalene	10.65	128	44164	0.414	ng		100
10) Hexachlorobutadiene	10.93	225	3001	0.404	ng		97
12) 2-Methylnaphthalene	12.27	142	7875	0.424	ng		93
16) Acenaphthylene	14.17	152	15209	0.400	ng		99
17) Acenaphthene	14.51	154	8901	0.410	ng		98
18) Fluorene	15.49	166	13403	0.419	ng		100
20) 4-Bromophenyl-phenylether	16.38	248	5683	0.396	ng	#	89
21) Hexachlorobenzene	16.49	284	5601	0.410	ng		98
22) Pentachlorophenol	16.84	266	2472	0.516	ng		99
23) Phenanthrene	17.23	178	25864	0.407	ng		99
24) Anthracene	17.32	178	24155	0.398	ng		99
26) Fluoranthene	19.25	202	36830	0.387	ng		99
28) Pyrene	19.61	202	37823	0.493	ng		100
30) Benzo(a)anthracene	21.34	228	41012	0.438	ng		98
31) Chrysene	21.40	228	42937	0.468	ng		98
32) Bis(2-ethylhexyl)phthalate	21.26	149	58460	0.371	ng		99
33) Indeno(1,2,3-cd)pyrene	26.50	276	45972	0.424	ng		98
35) Benzo(b)fluoranthene	23.09	252	39907	0.419	ng		99
36) Benzo(k)fluoranthene	23.14	252	39073	0.425	ng		99
37) Benzo(a)pyrene	23.75	252	37552	0.417	ng		99
38) Dibenzo(a,h)anthracene	26.52	278	37707	0.409	ng		98
39) Benzo(g,h,i)perylene	27.32	276	37894	0.411	ng		99

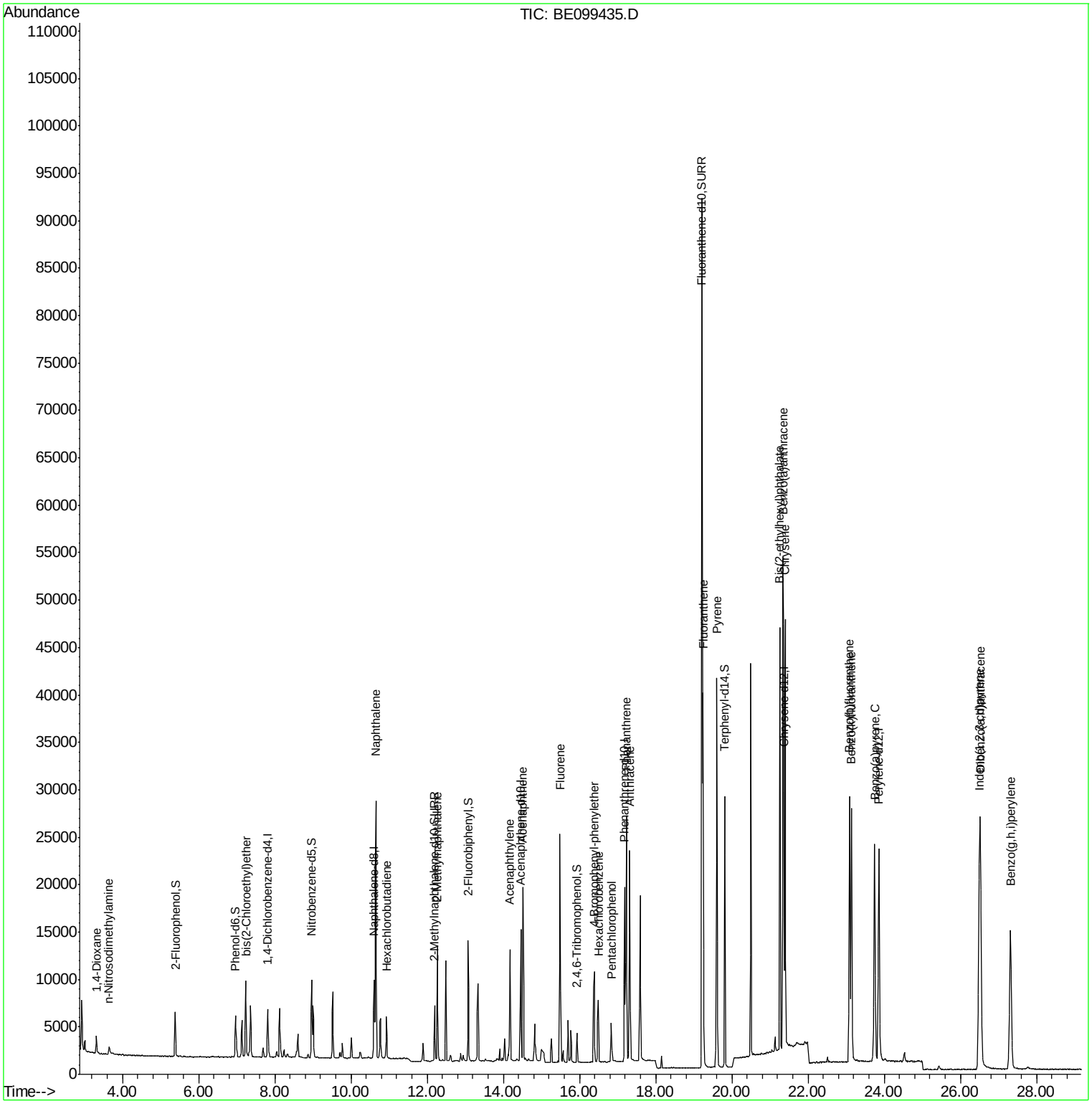
(#) = qualifier out of range (m) = manual integration (+) = signals summed

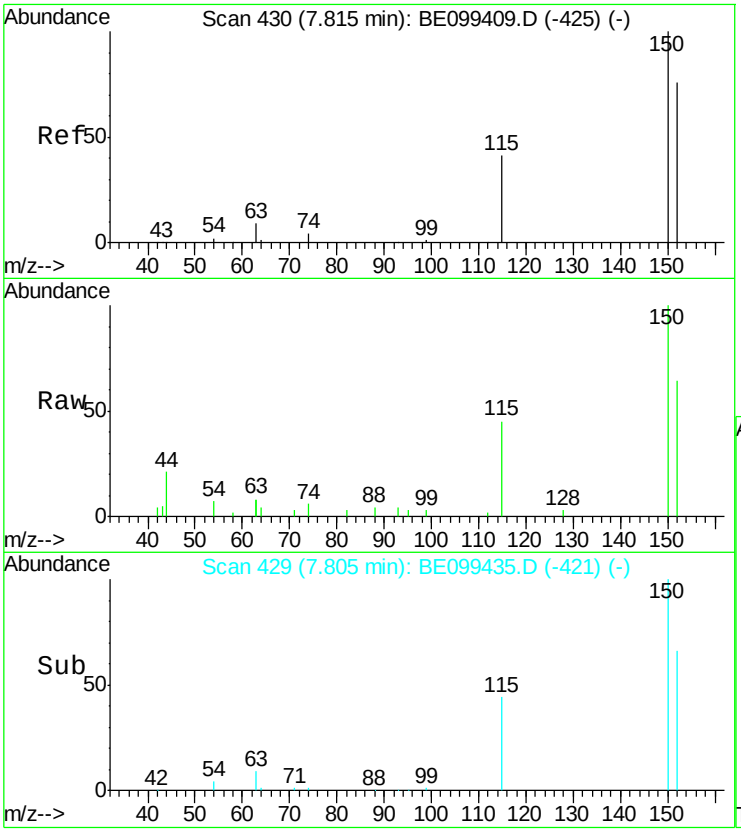
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
Data File : BE099435.D
Acq On : 30 Apr 2019 21:02
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 30 22:46:57 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



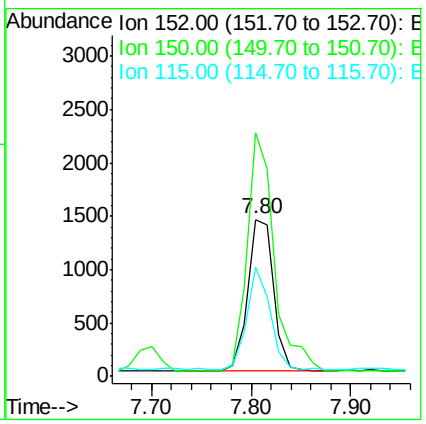


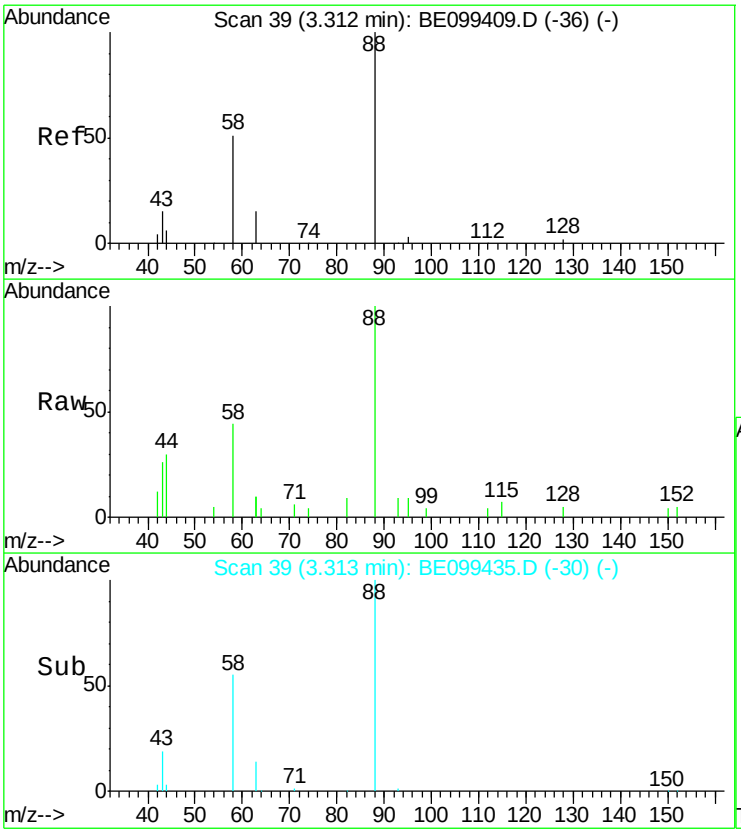
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2575

Ion	Ratio	Lower	Upper
152	100		
150	155.1	104.8	157.2
115	69.8	46.6	69.8

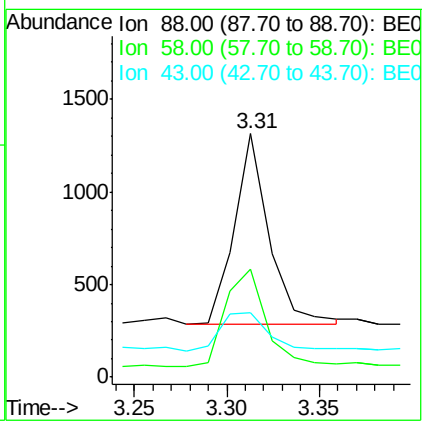


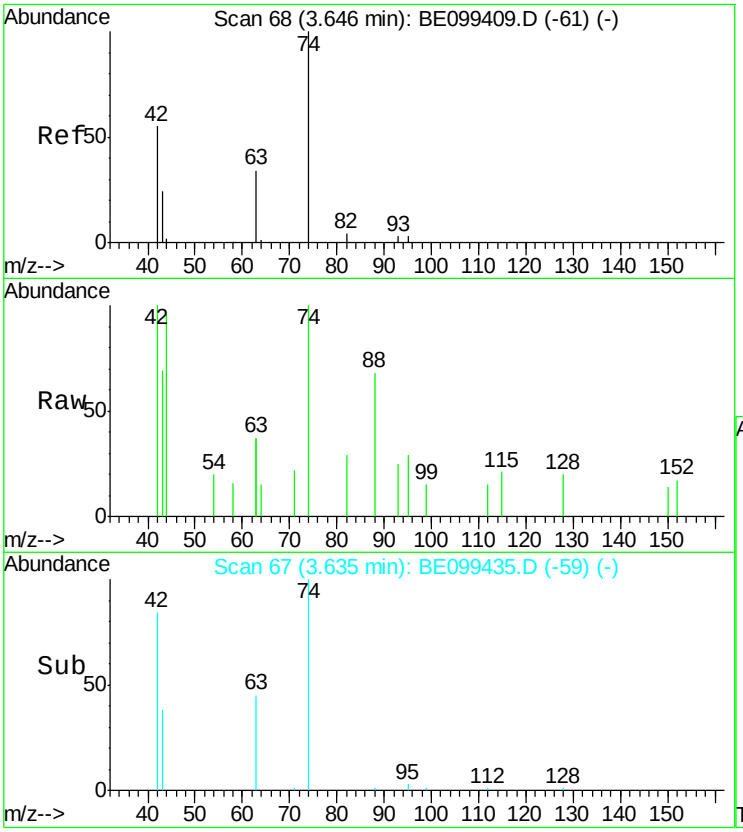


#2
1,4-Dioxane
Concen: 0.377 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion: 88 Resp: 1337

Ion	Ratio	Lower	Upper
88	100		
58	61.5	51.0	76.6
43	29.2	20.6	30.8



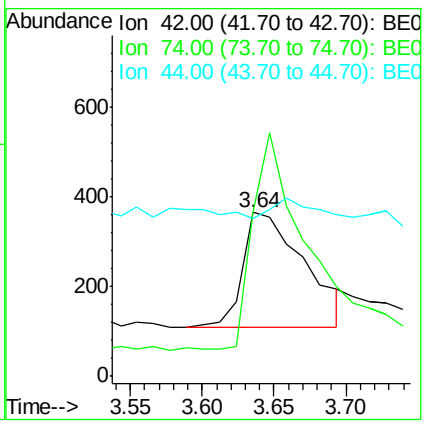


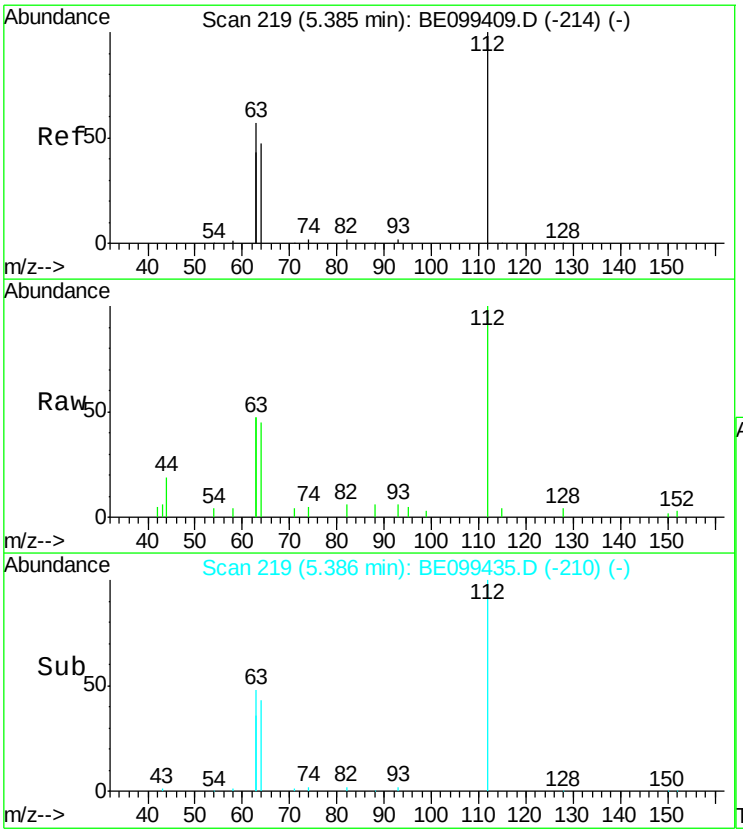
#3
n-Nitrosodimethylamine
Concen: 0.352 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 751

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

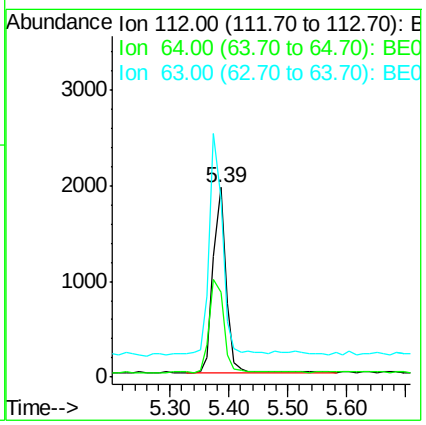


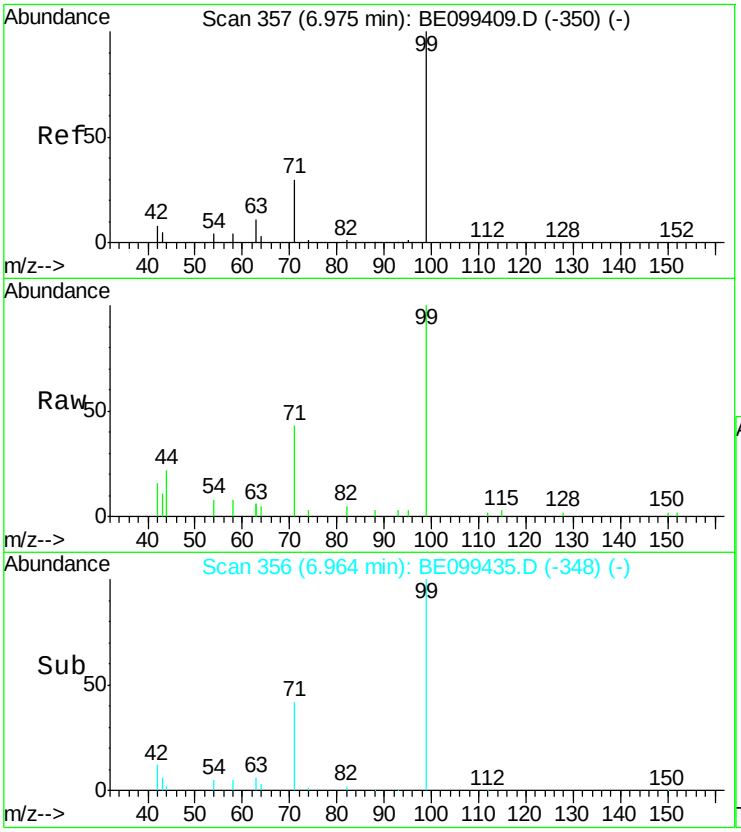


#4
2-Fluorophenol
Concen: 0.417 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:112 Resp: 2971

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.4	71.0
63	118.8	104.3	156.5



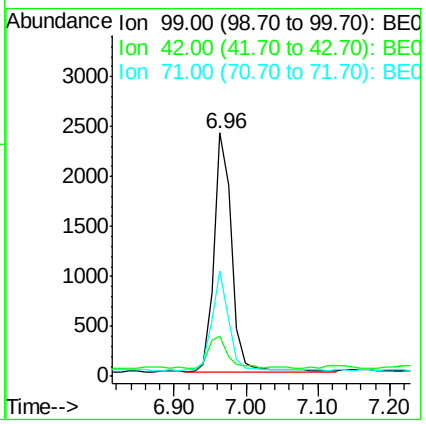


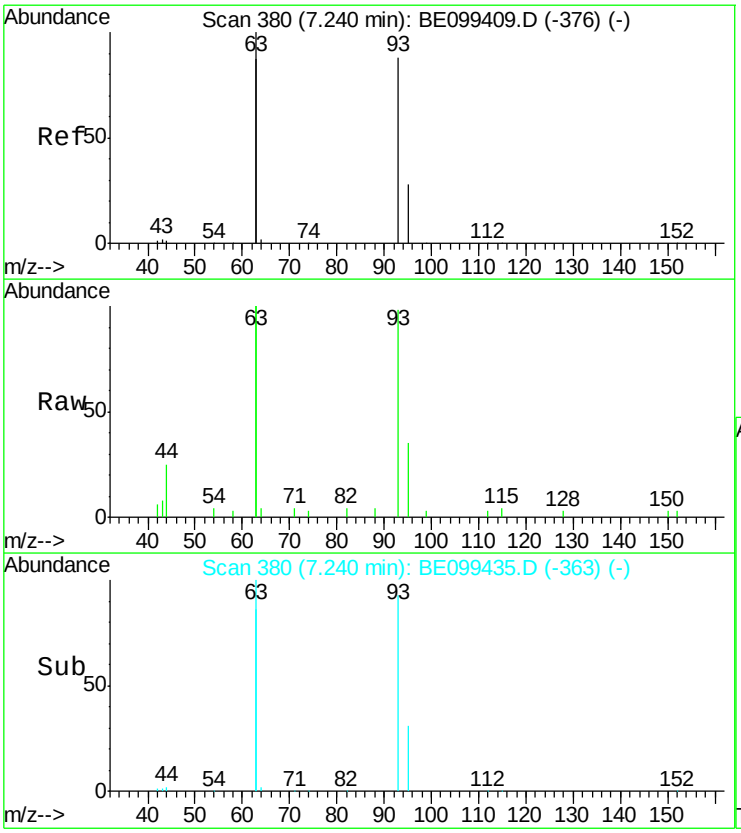
#5
Phenol-d6
Concen: 0.424 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4017

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.9	22.3#
71	39.2	33.0	49.6

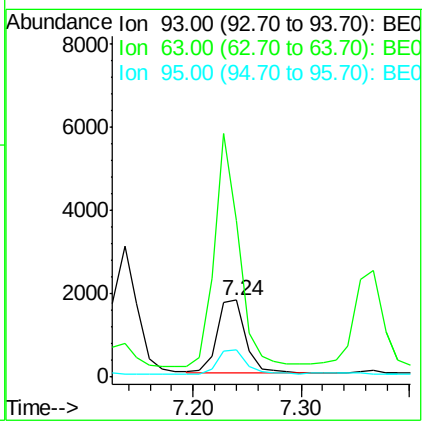


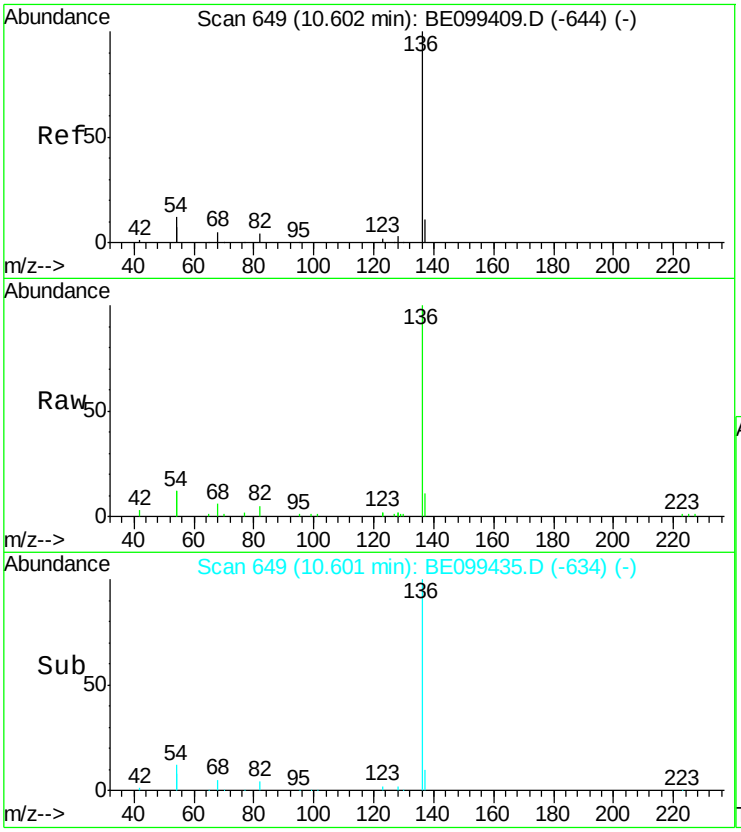


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion: 93 Resp: 3258

Ion	Ratio	Lower	Upper
93	100		
63	270.7	215.6	323.4
95	33.2	26.2	39.2



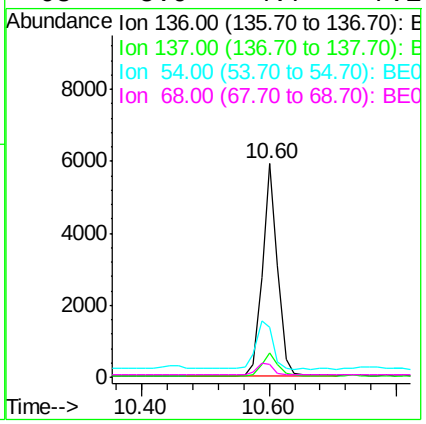


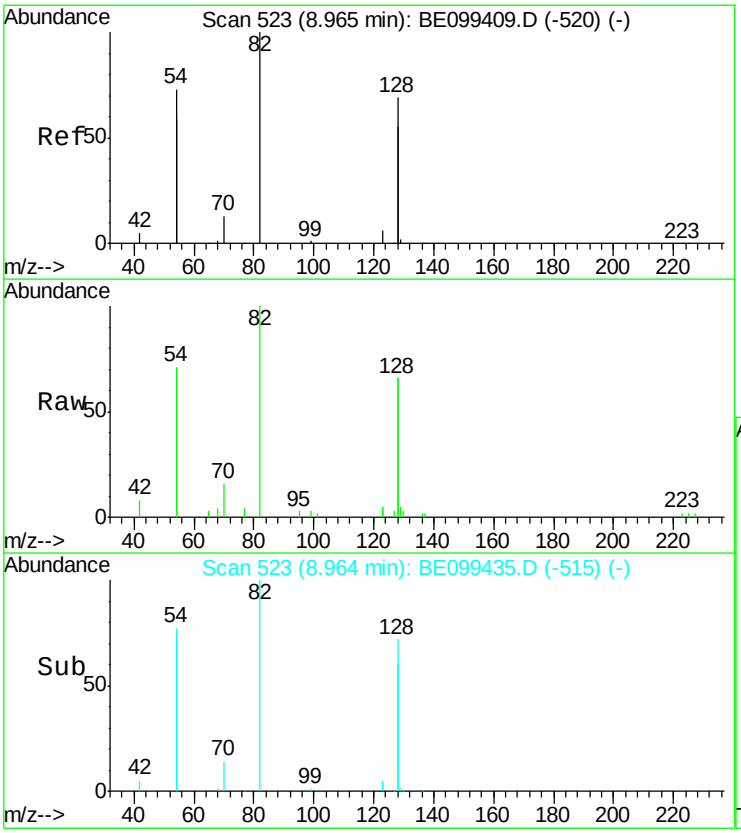
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 9798

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	23.3	18.5	27.7
68	5.9	4.7	7.1

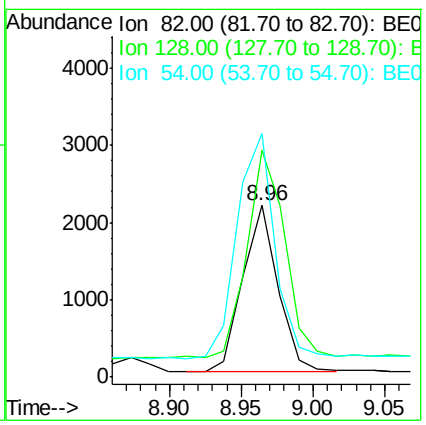


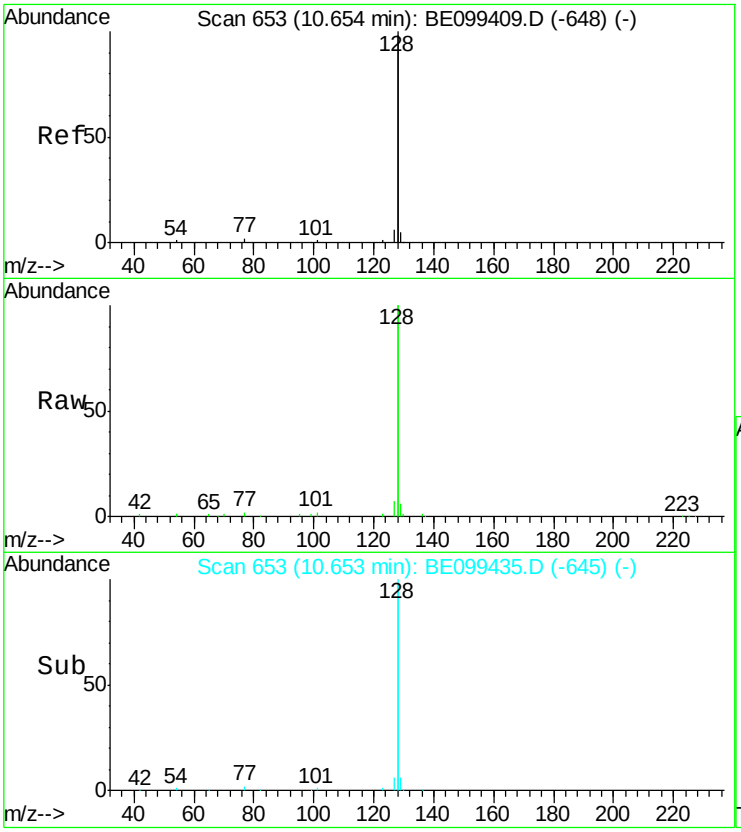


#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion: 82 Resp: 3679

Ion	Ratio	Lower	Upper
82	100		
128	132.2	107.0	160.4
54	141.9	113.1	169.7



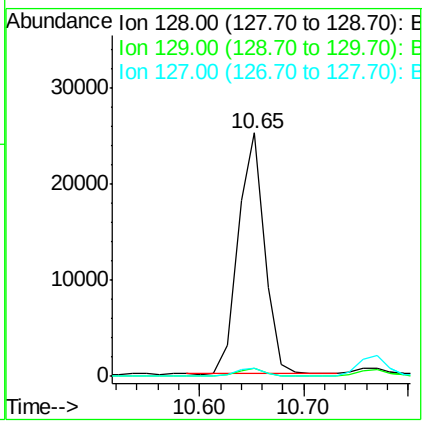


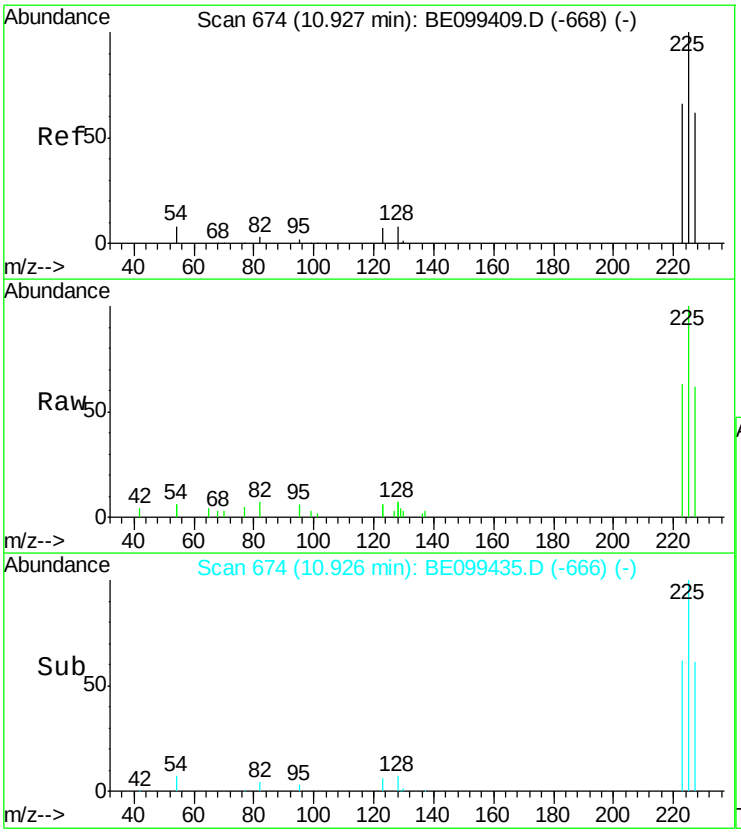
#9
Naphthalene
Concen: 0.414 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 44164

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.4	3.6
127	3.4	2.8	4.2

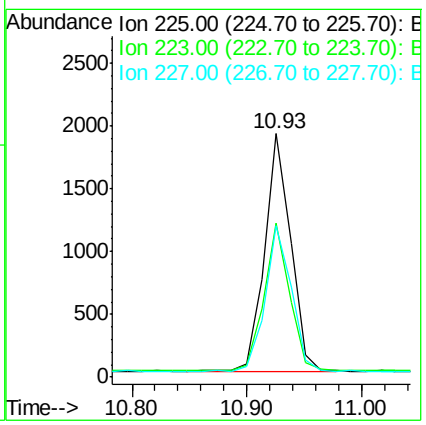


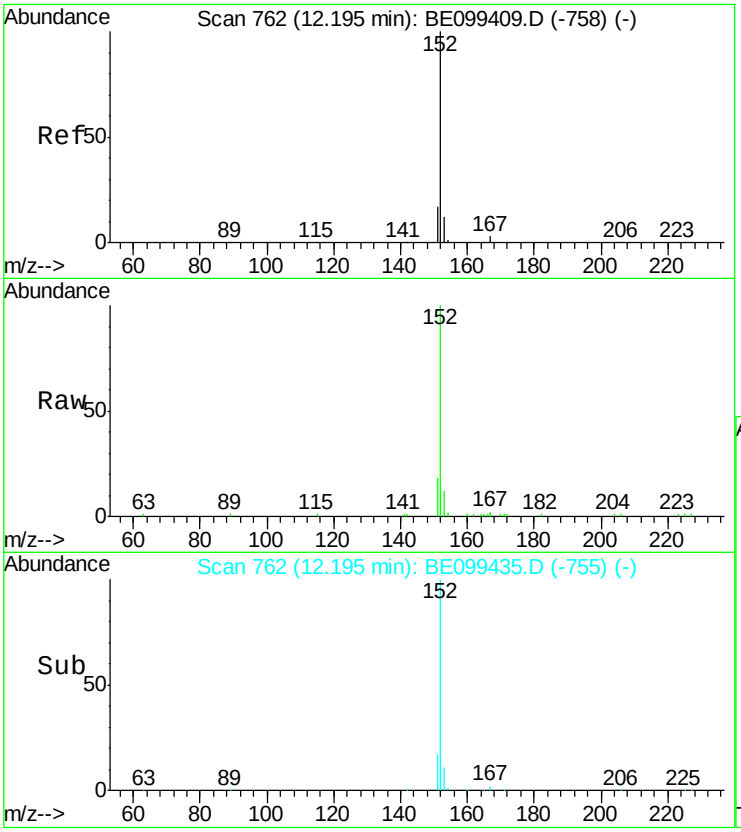


#10
Hexachlorobutadiene
Concen: 0.404 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:225 Resp: 3001

Ion	Ratio	Lower	Upper
225	100		
223	60.7	51.0	76.6
227	61.3	50.9	76.3



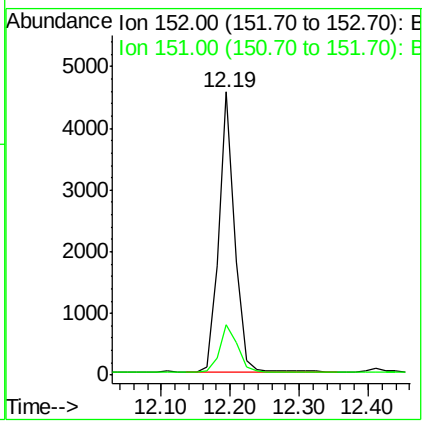


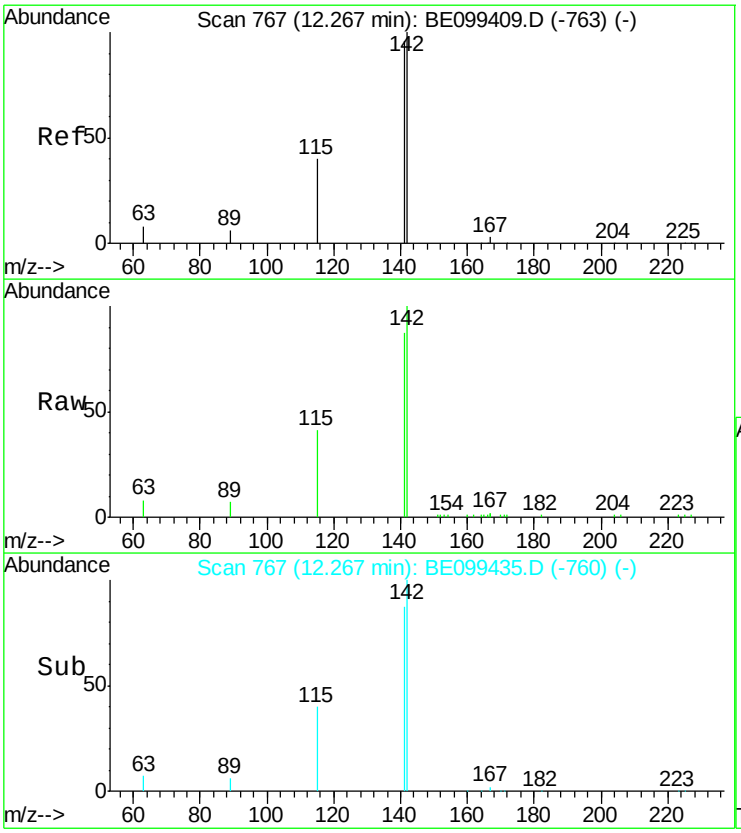
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7260

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3

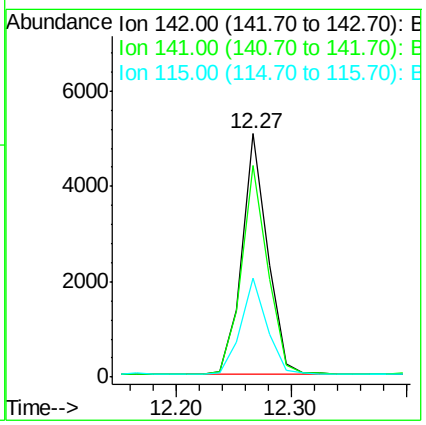


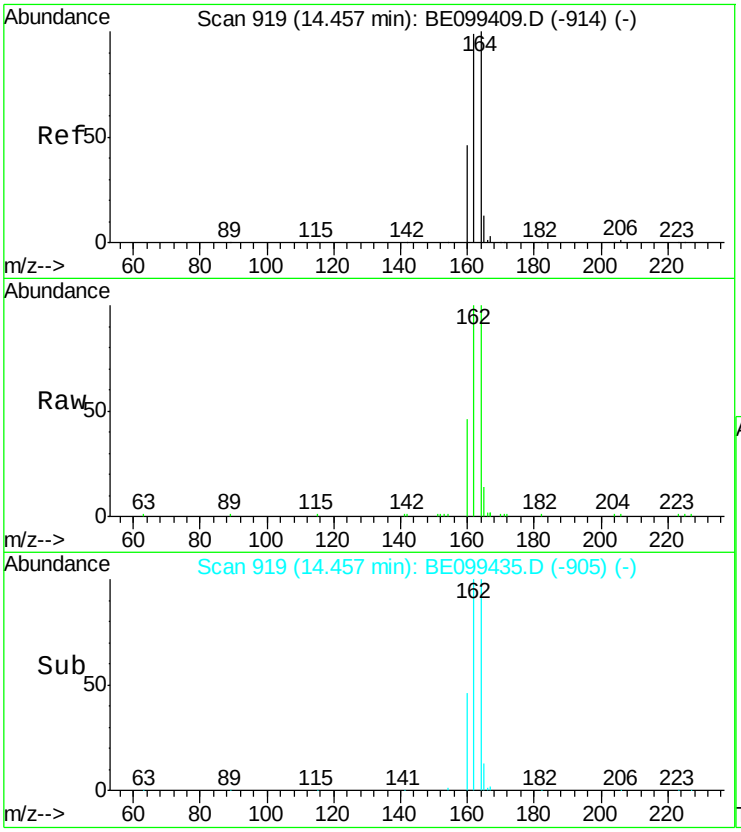


#12
2-Methylnaphthalene
Concen: 0.424 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:142 Resp: 7875

Ion	Ratio	Lower	Upper
142	100		
141	86.8	77.0	115.4
115	40.8	33.4	50.0



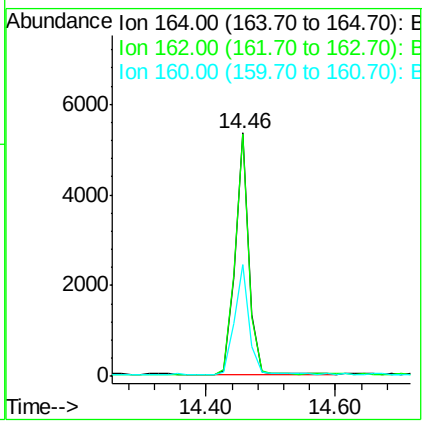


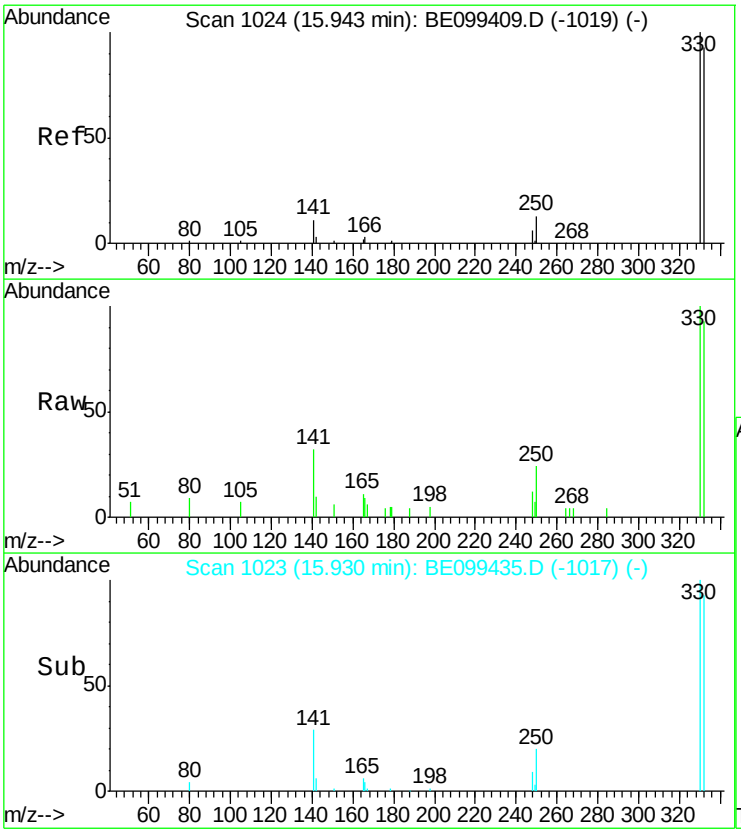
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7764

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.0	118.4
160	46.1	37.0	55.4

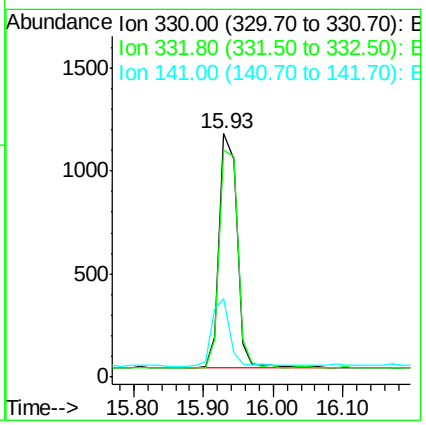


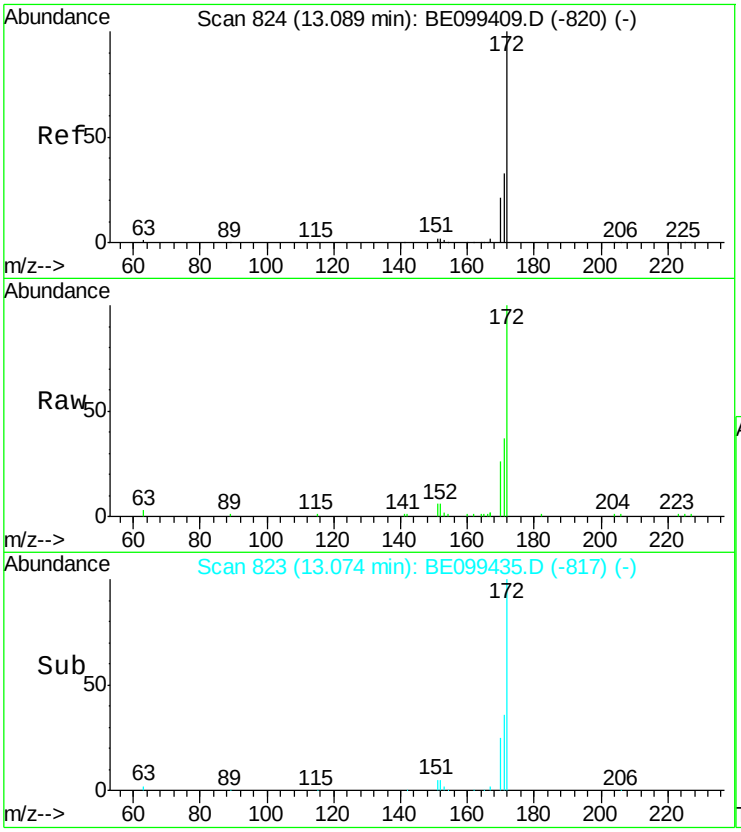


#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:330 Resp: 2019

Ion	Ratio	Lower	Upper
330	100		
332	96.5	71.5	107.3
141	29.9	24.0	36.0



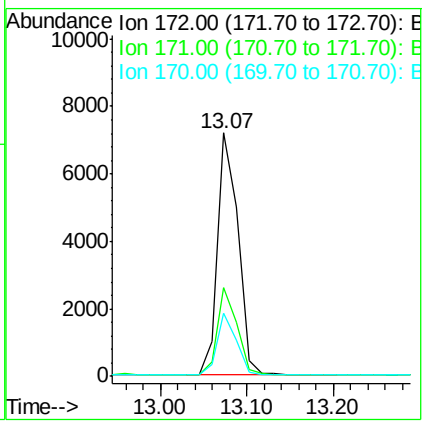


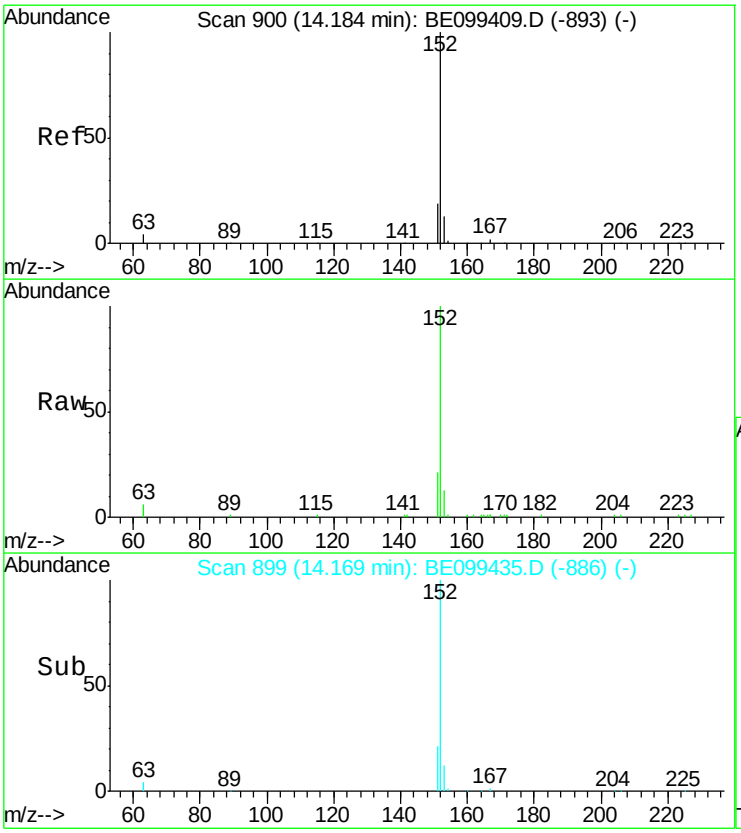
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11830

Ion	Ratio	Lower	Upper
172	100		
171	36.5	26.6	39.8
170	25.7	17.0	25.6#

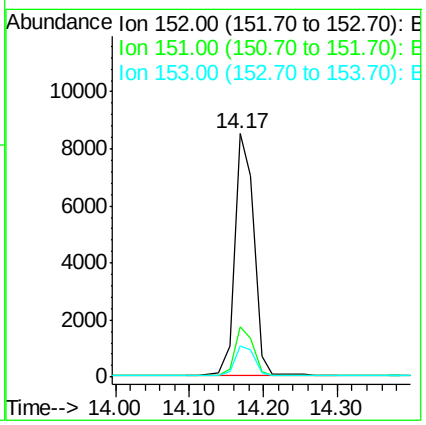


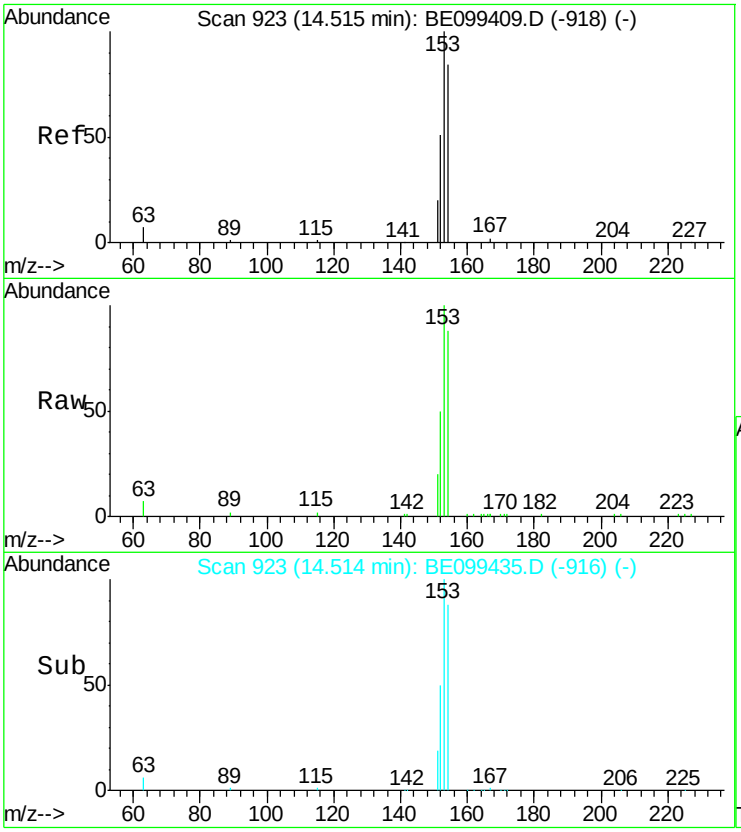


#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.02 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:152 Resp: 15209

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.2
153	12.8	9.8	14.6



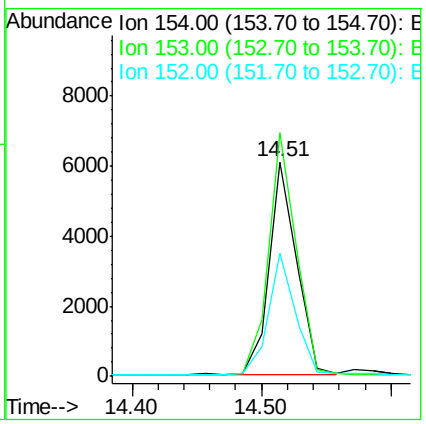


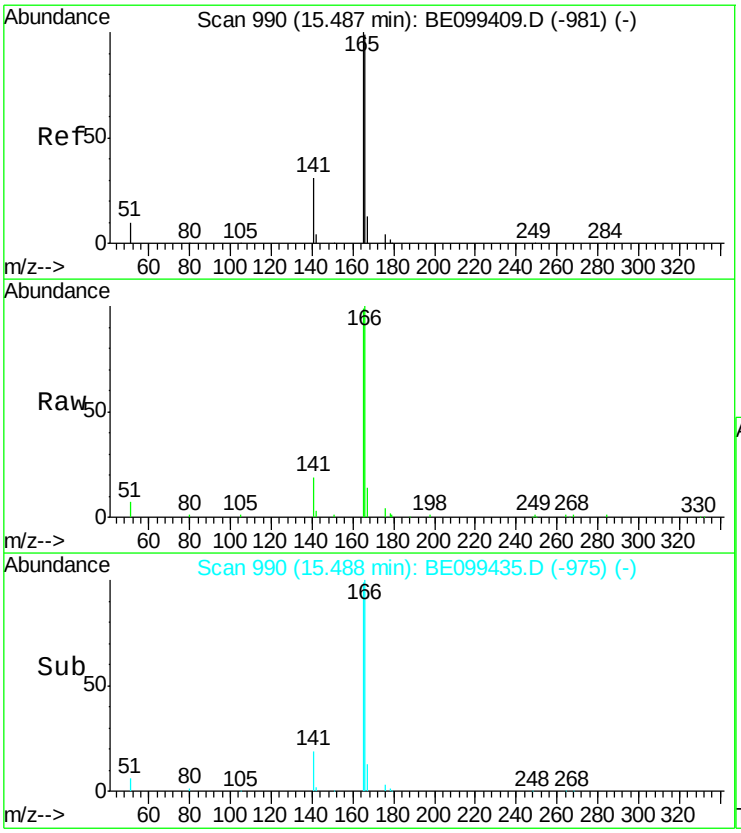
#17
Acenaphthene
Concen: 0.410 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 8901

Ion	Ratio	Lower	Upper
154	100		
153	114.1	92.6	138.8
152	55.8	45.8	68.8

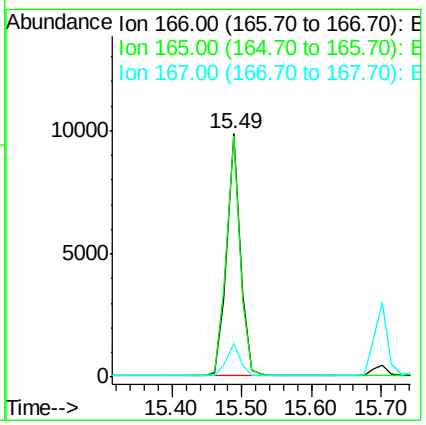


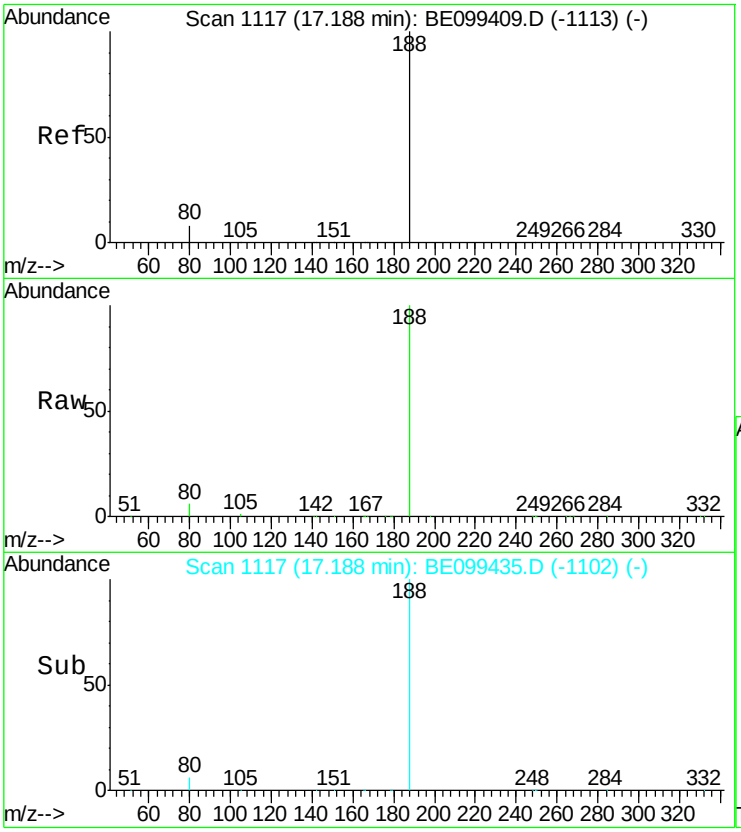


#18
Fluorene
Concen: 0.419 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:166 Resp: 13403

Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.3	120.5
167	13.5	10.7	16.1



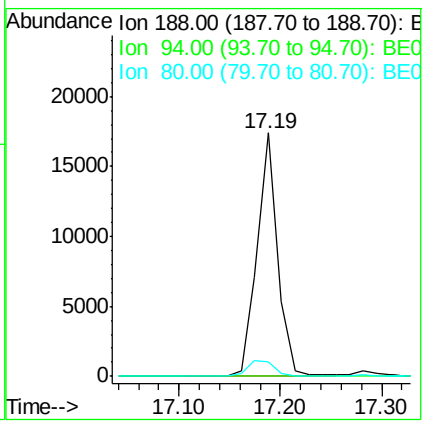


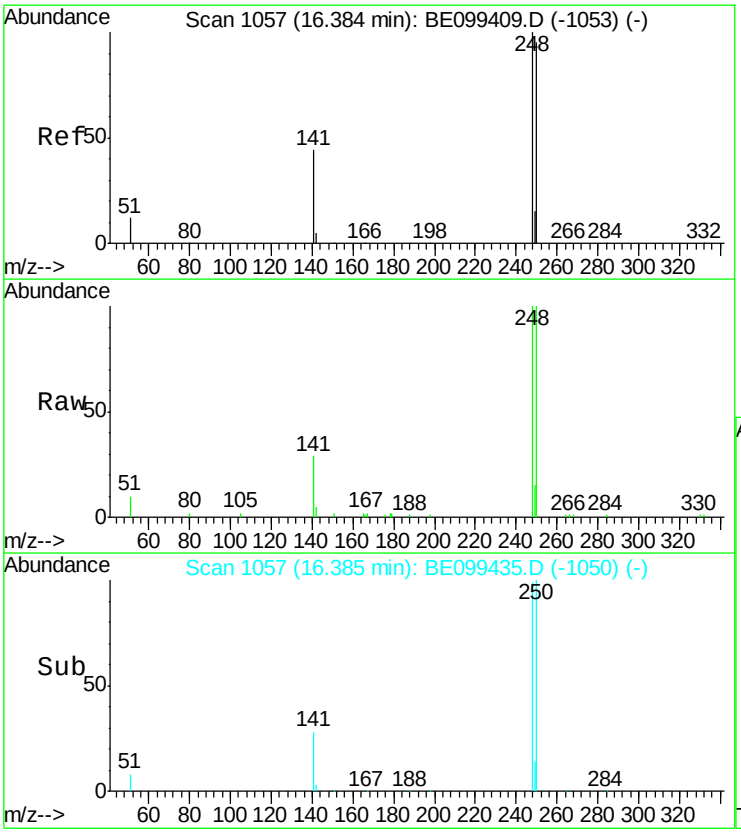
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 24650

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	6.7	10.1#

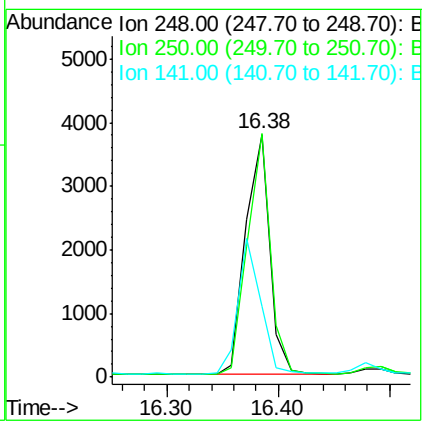


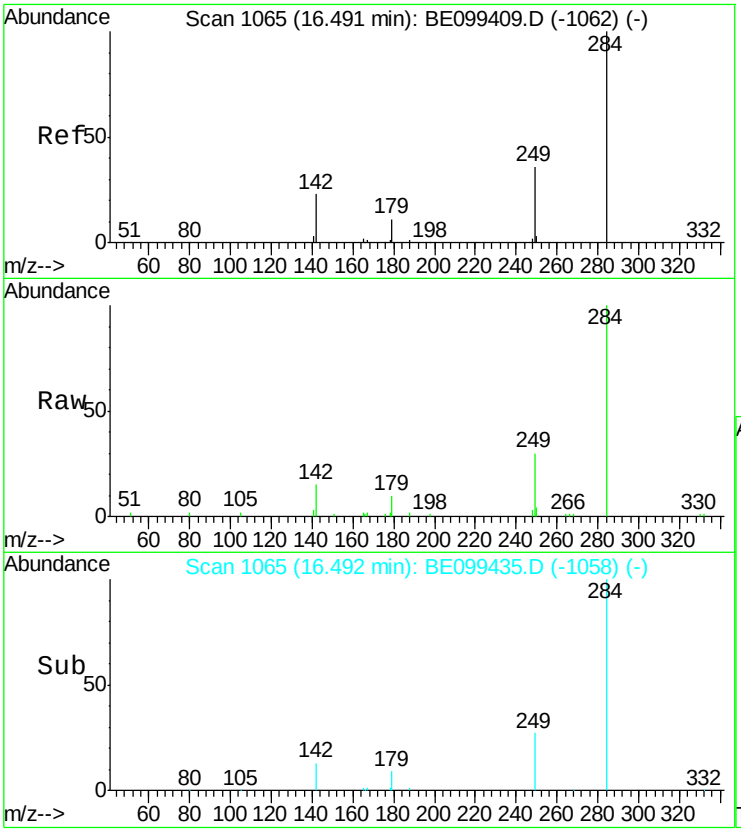


#20
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:248 Resp: 5683

Ion	Ratio	Lower	Upper
248	100		
250	100.4	75.8	113.8
141	29.2	35.7	53.5#



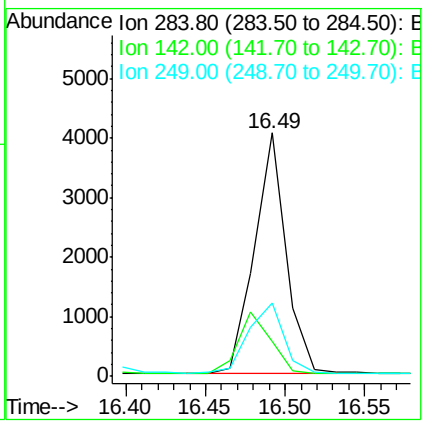


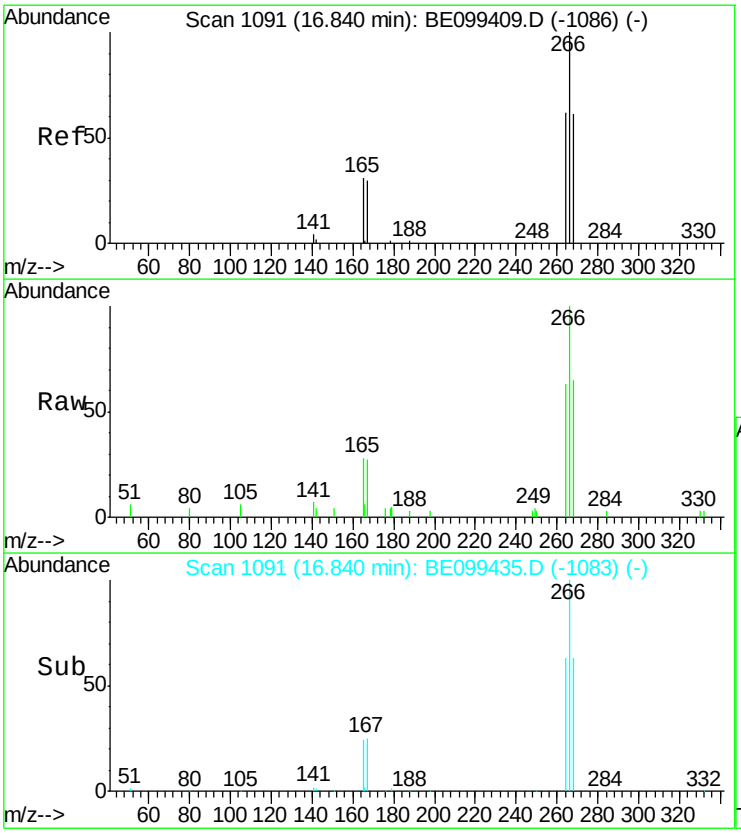
#21
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 5601

Ion	Ratio	Lower	Upper
284	100		
142	26.1	21.0	31.6
249	31.7	26.7	40.1

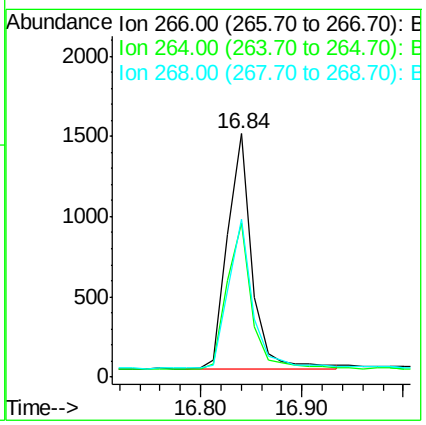


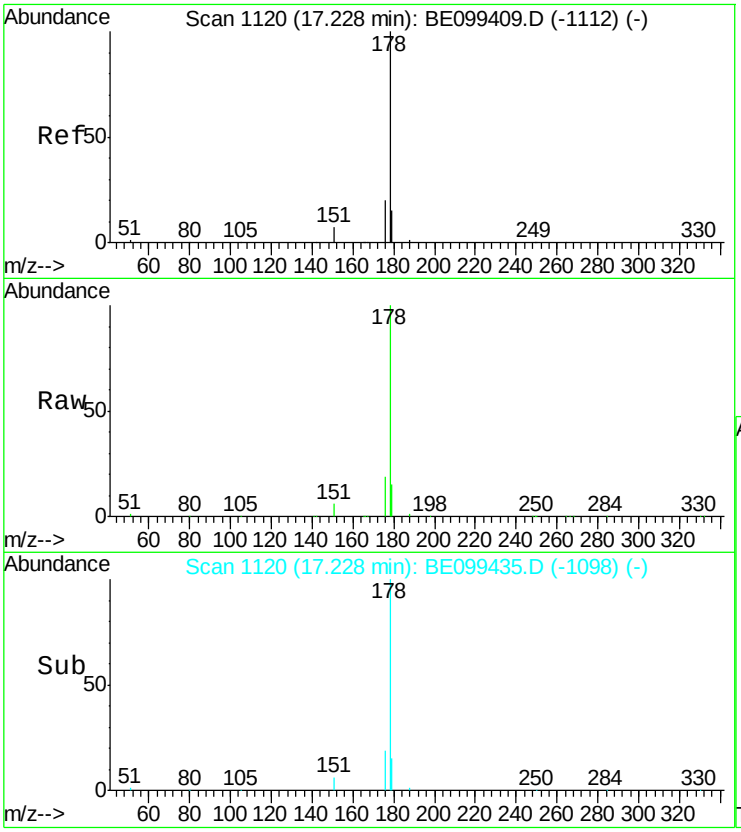


#22
Pentachlorophenol
Concen: 0.516 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:266 Resp: 2472

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.8	76.2
268	64.9	50.5	75.7



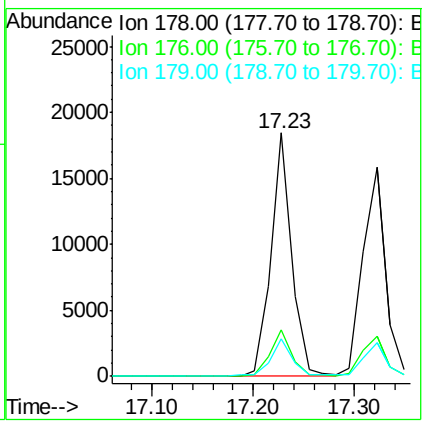


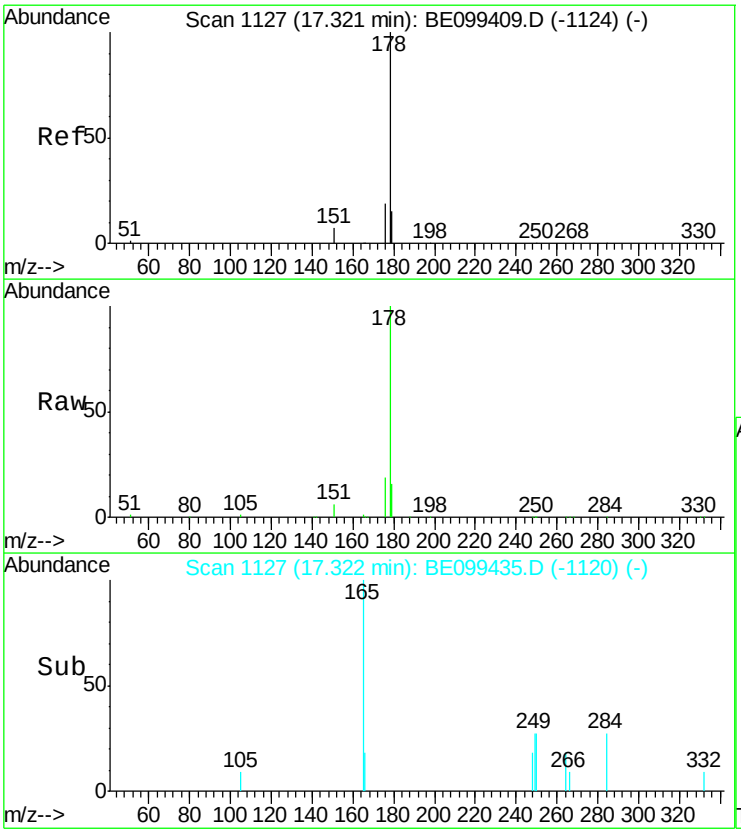
#23
Phenanthrene
Concen: 0.407 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 25864

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.2	12.0	18.0

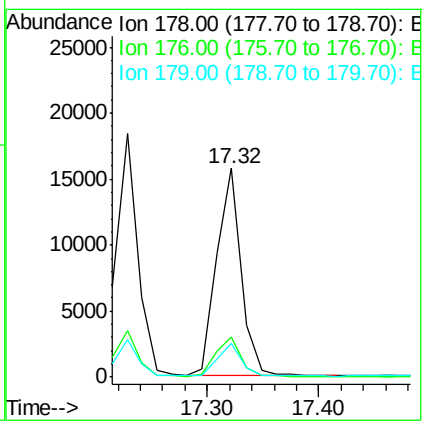


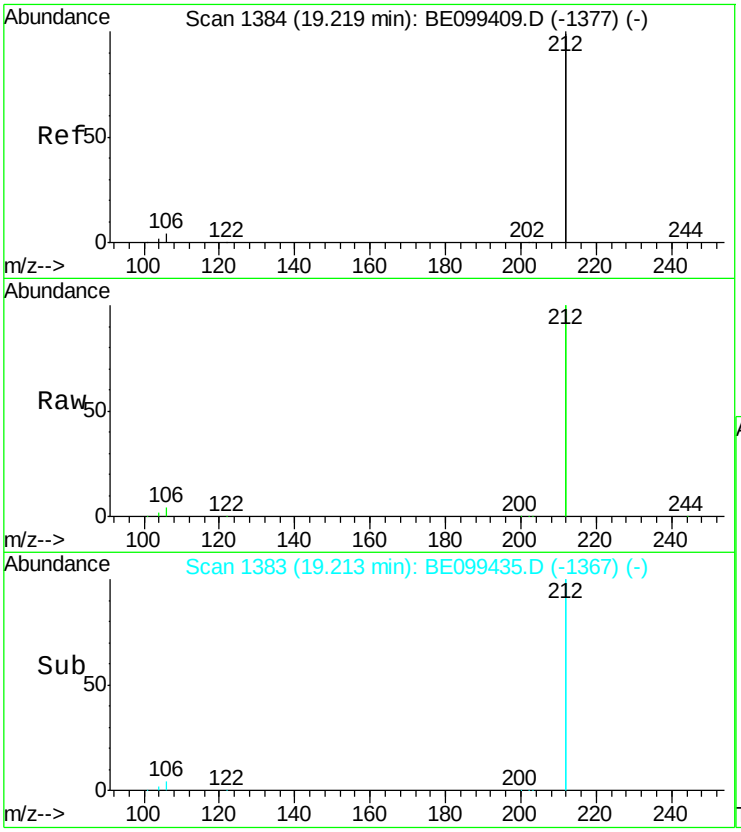


#24
Anthracene
Concen: 0.398 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:178 Resp: 24155

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.6	11.9	17.9



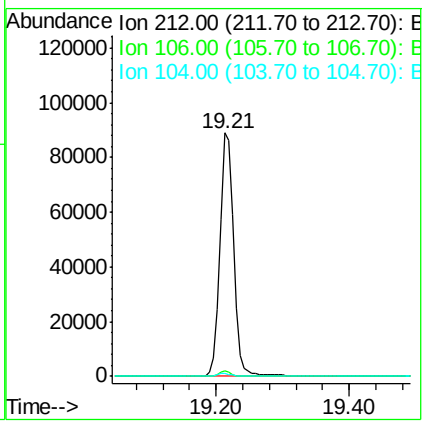


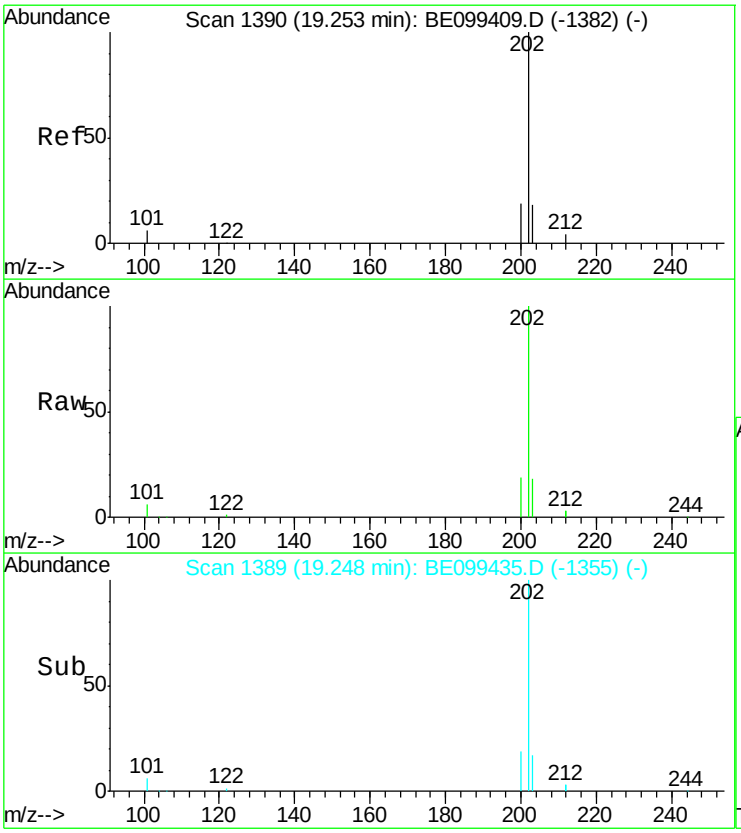
#25
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 125765

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

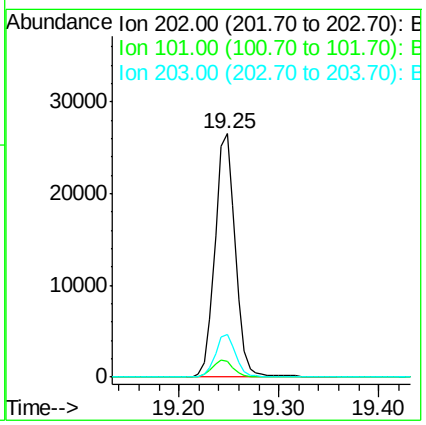


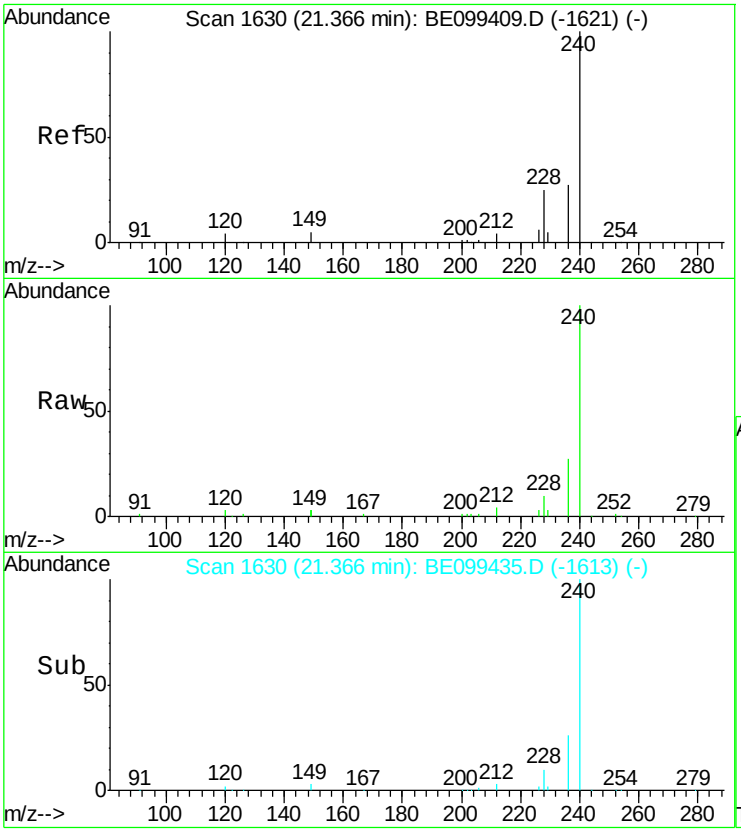


#26
Fluoranthene
Concen: 0.387 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:202 Resp: 36830

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.4	8.0
203	17.2	13.9	20.9



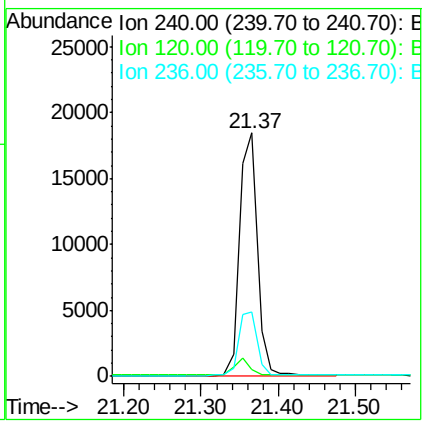


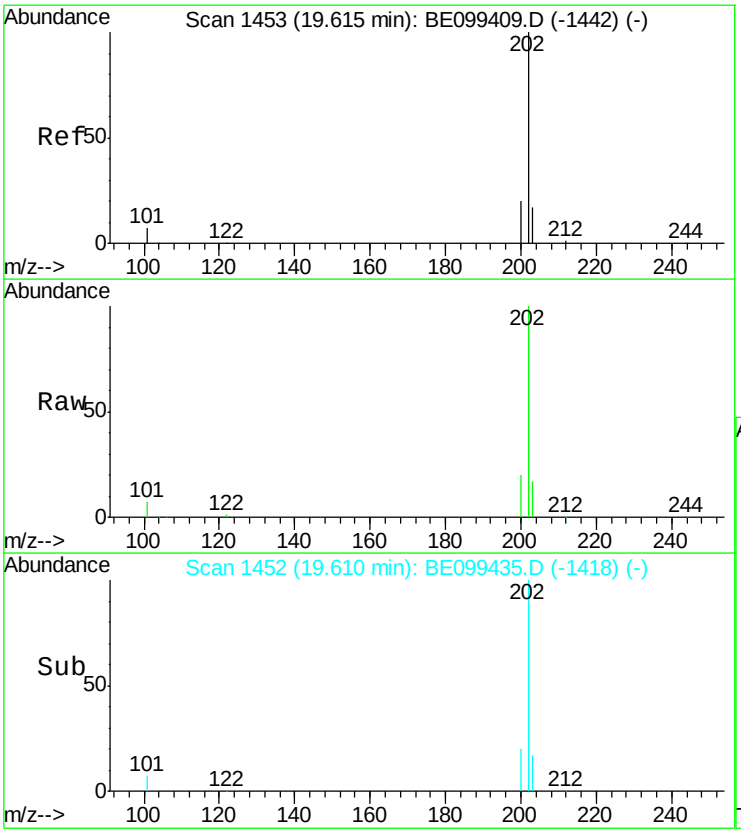
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 29410

Ion	Ratio	Lower	Upper
240	100		
120	2.9	4.0	6.0#
236	26.6	22.0	33.0

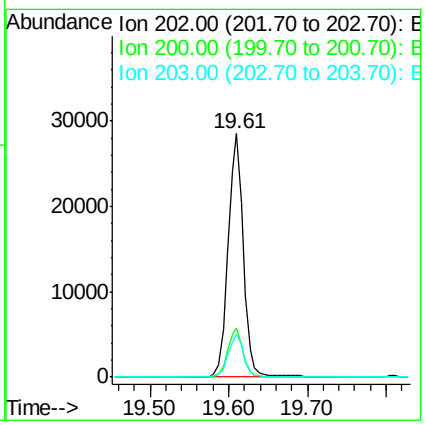


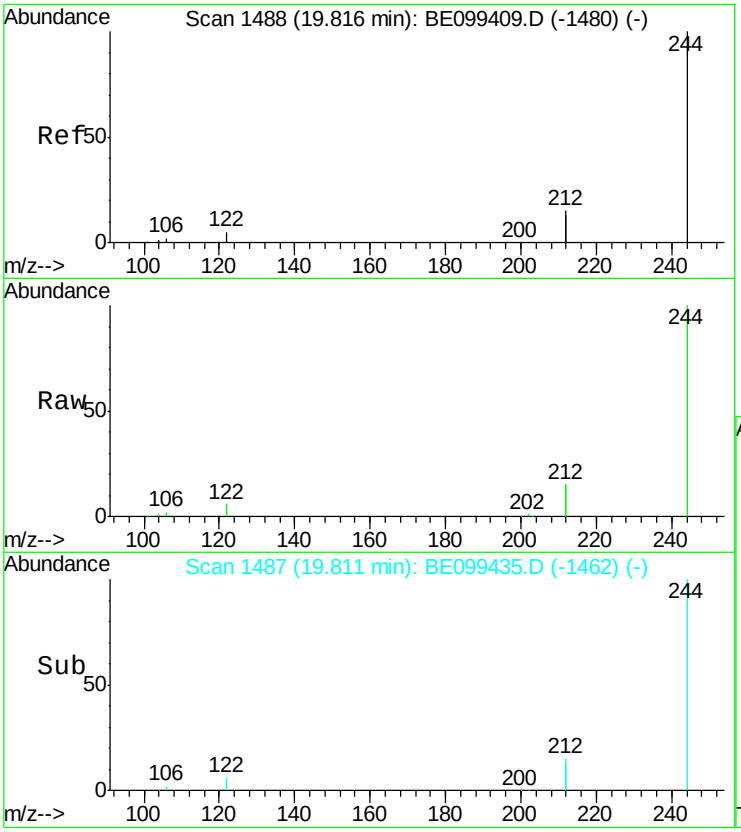


#28
Pyrene
Concen: 0.493 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:202 Resp: 37823

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.4	13.9	20.9



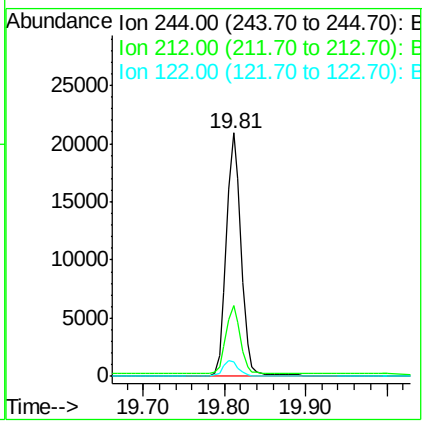


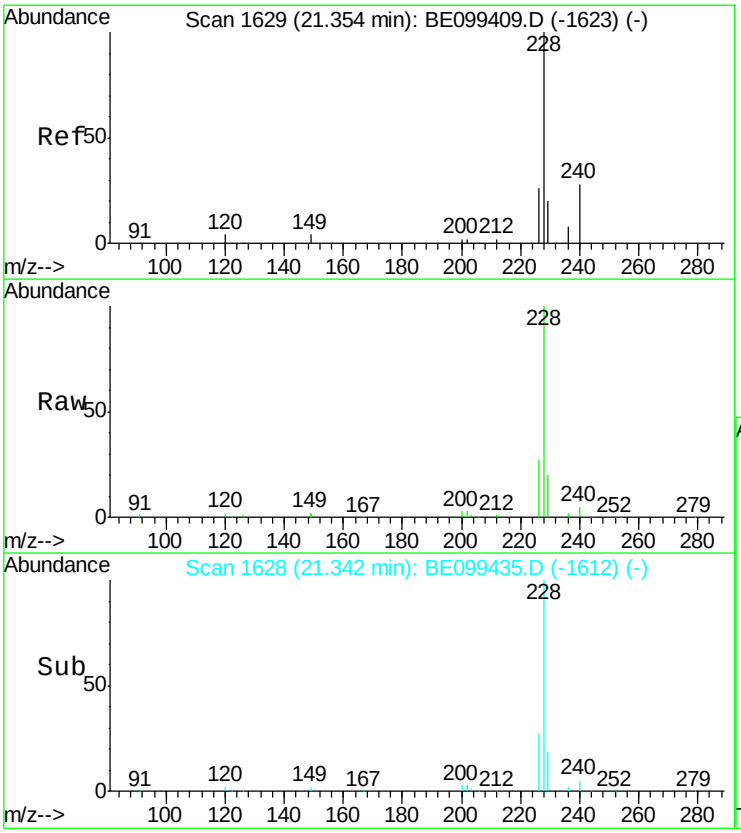
#29
Terphenyl-d14
Concen: 0.485 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 26123

Ion	Ratio	Lower	Upper
244	100		
212	29.1	23.2	34.8
122	6.1	4.2	6.4

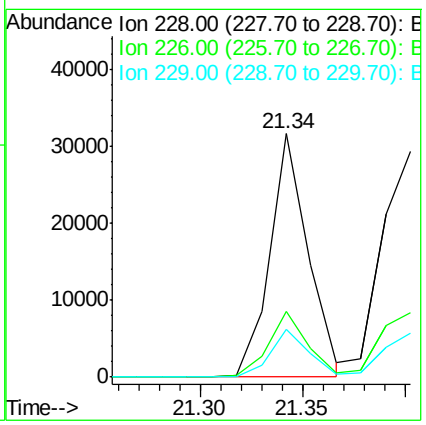


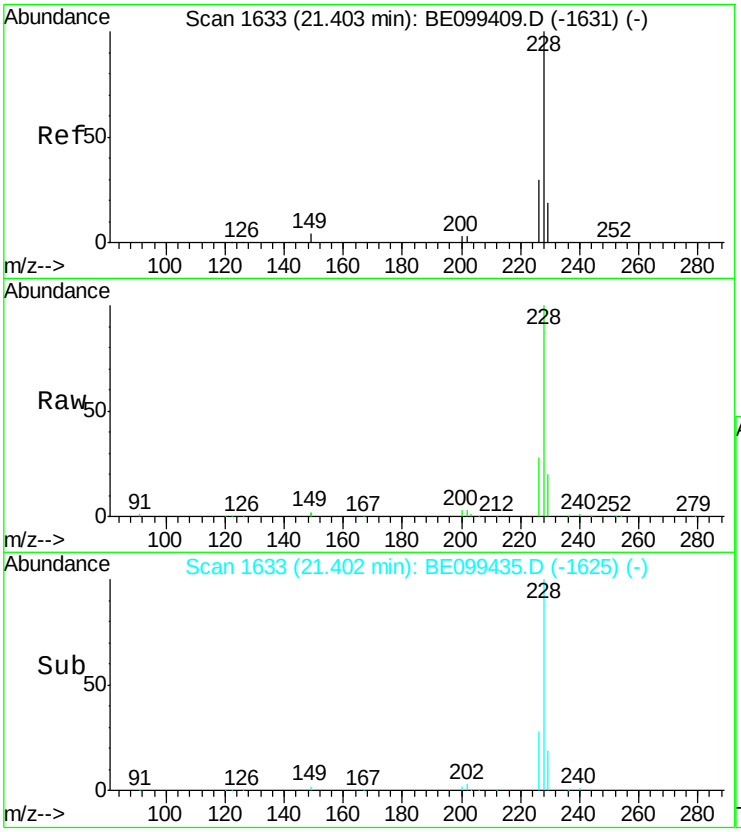


#30
Benzo(a)anthracene
Concen: 0.438 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:228 Resp: 41012

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.0	31.6
229	19.7	16.6	25.0



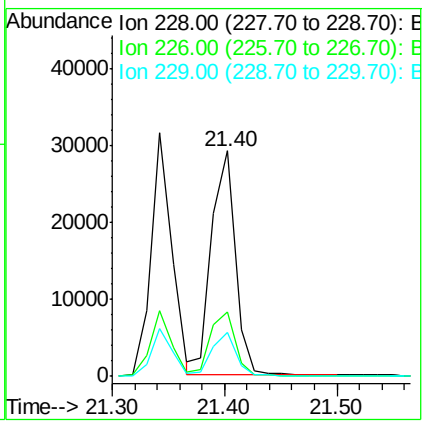


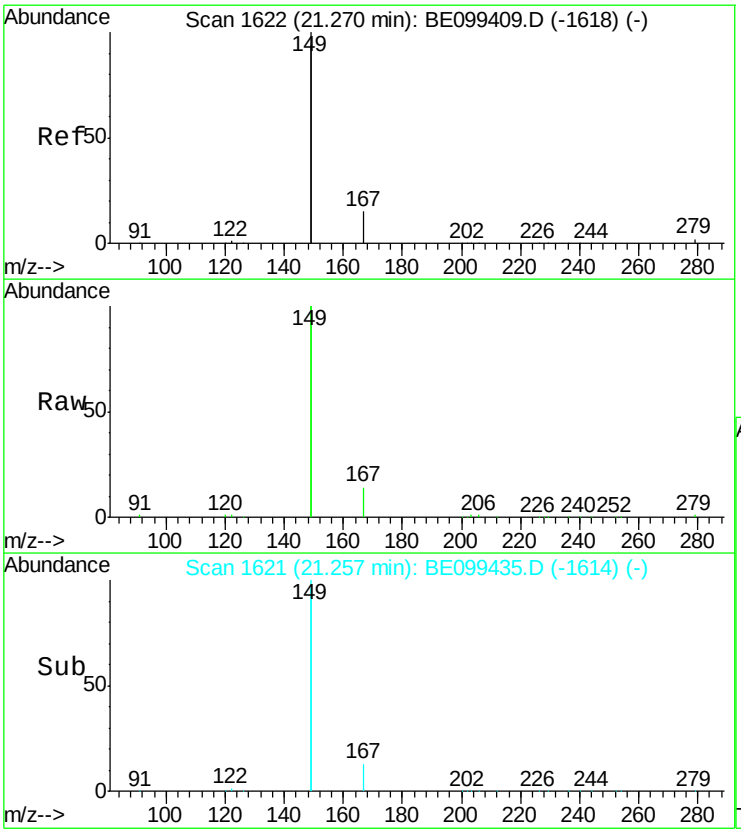
#31
Chrysene
Concen: 0.468 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 42937

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	19.7	15.8	23.8

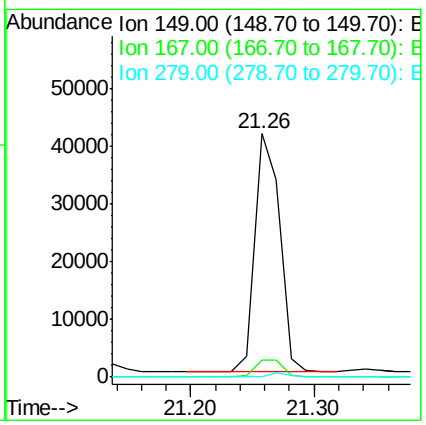


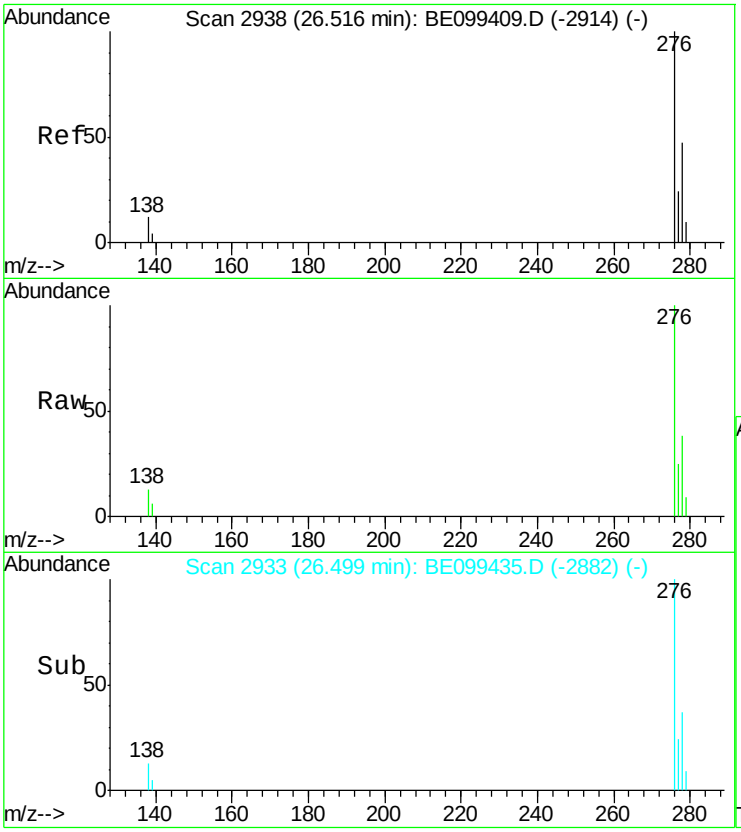


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.371 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:149 Resp: 58460

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.4	1.0	1.6



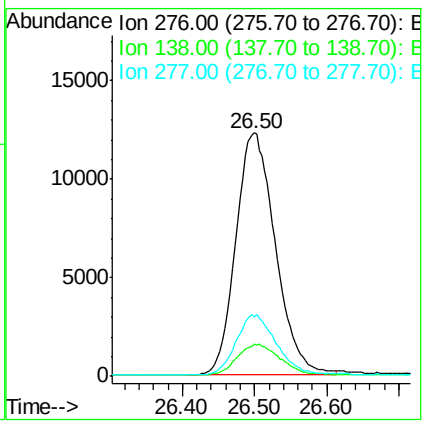


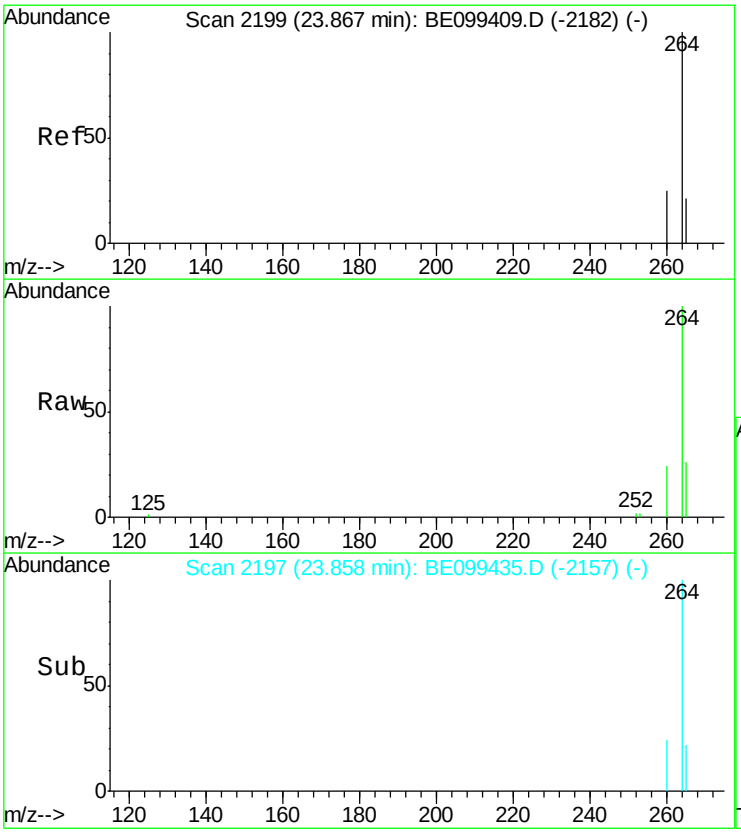
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng
RT: 26.50 min Scan# 2933
Delta R.T. -0.02 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 45972

Ion	Ratio	Lower	Upper
276	100		
138	13.3	10.2	15.2
277	24.8	19.2	28.8

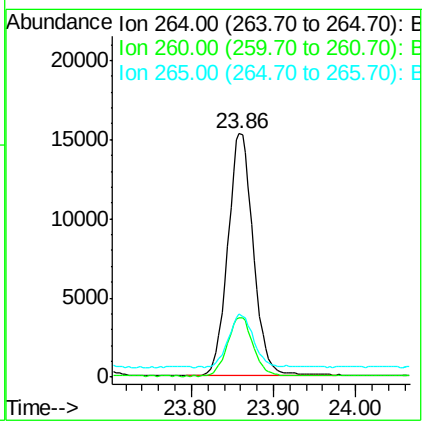


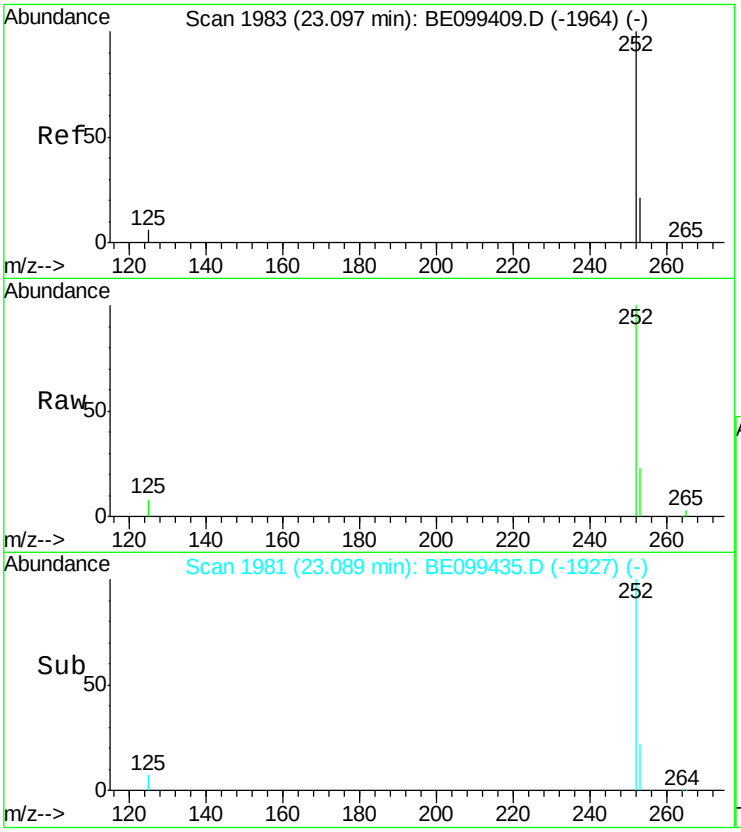


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:264 Resp: 33026

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	25.8	21.3	31.9



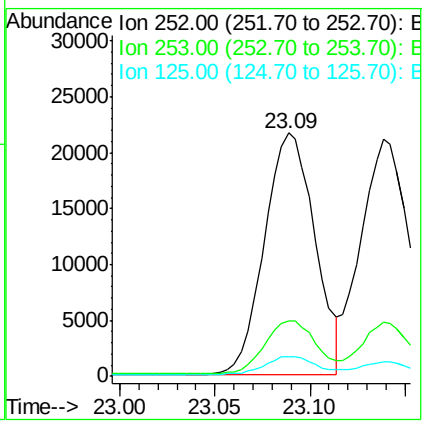


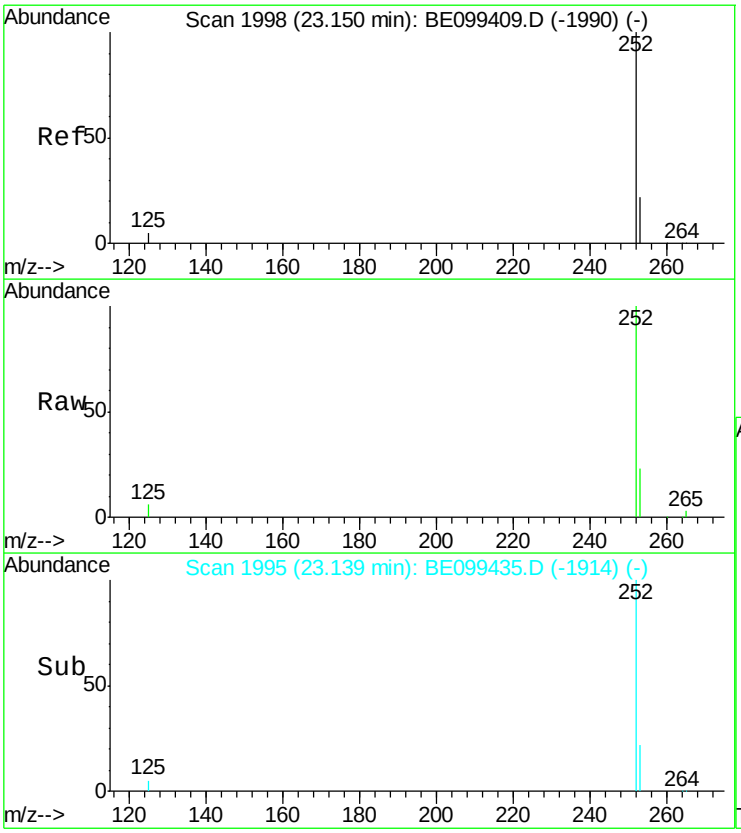
#35
Benzo(b)fluoranthene
Concen: 0.419 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 39907

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	8.2	5.6	8.4

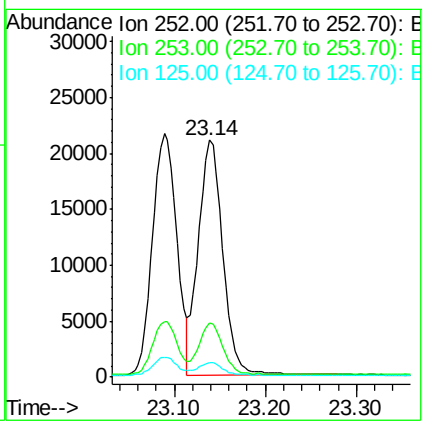


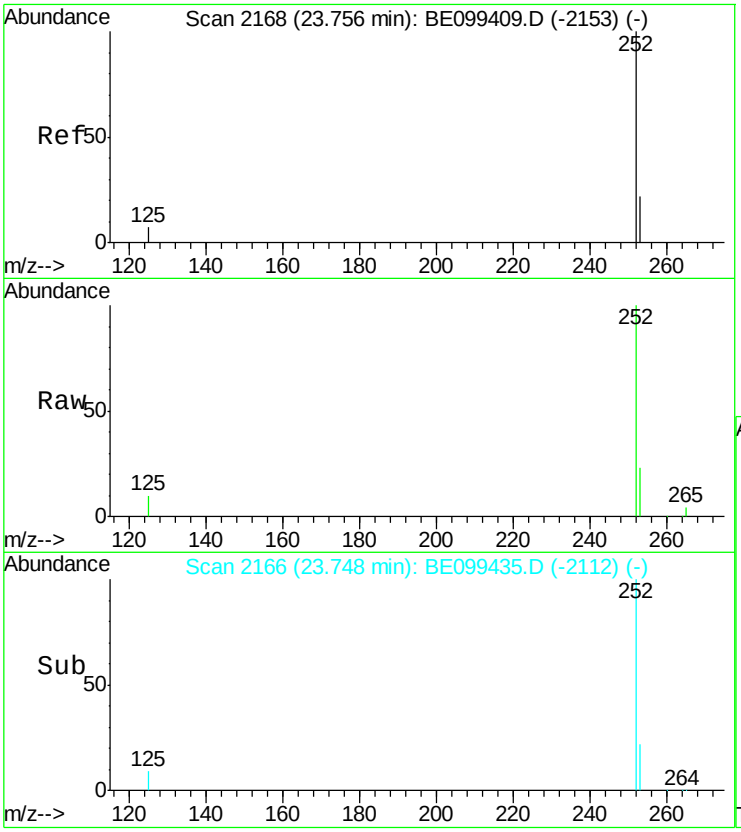


#36
Benzo(k)fluoranthene
Concen: 0.425 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:252 Resp: 39073

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	6.0	5.0	7.4



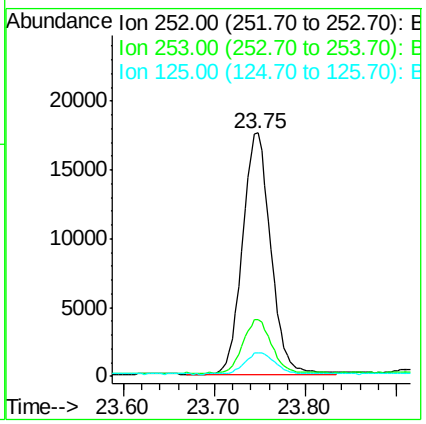


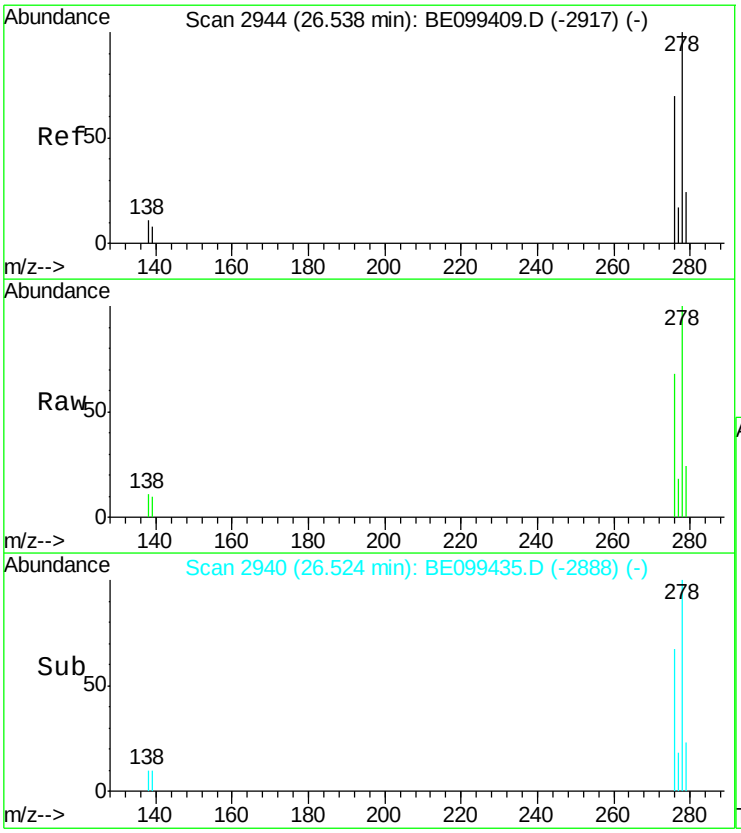
#37
Benzo(a)pyrene
Concen: 0.417 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 37552

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	9.5	6.7	10.1

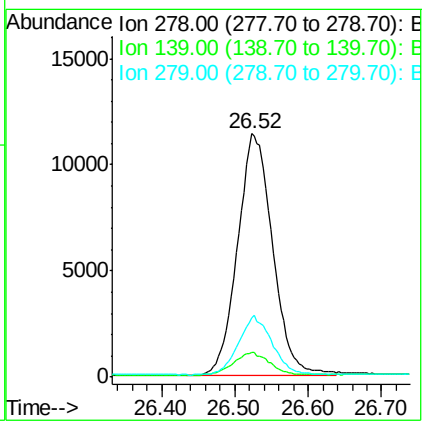


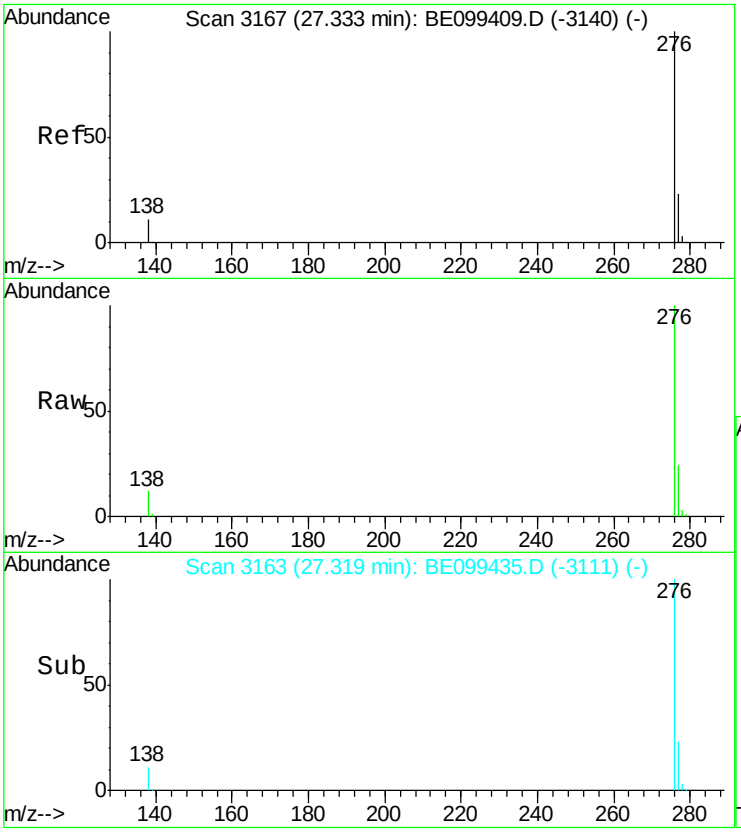


#38
Dibenzo(a,h)anthracene
Concen: 0.409 ng
RT: 26.52 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Tgt Ion:278 Resp: 37707

Ion	Ratio	Lower	Upper
278	100		
139	10.3	7.7	11.5
279	24.1	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.411 ng
RT: 27.32 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE099435.D
Acq: 30 Apr 2019 21:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 37894

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.5	29.3
138	11.9	9.6	14.4