Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
Data File : BE099927.D
Acq On : 11 Jun 2019 16:57
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 12 03:43:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	736	0.40	ng		-0.01
7) Naphthalene-d8	10.59	136	2753	0.40	ng		-0.01
13) Acenaphthene-d10	14.44	164	2295	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	7744	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	9395	0.40	ng		-0.04
34) Perylene-d12	23.86	264	10784	0.40	ng		-0.07
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	689	0.35	ng		0.00
5) Phenol-d6	6.97	99	970	0.38	ng		0.00
8) Nitrobenzene-d5	8.96	82	927	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	1955	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	15.94	330	491	0.29	ng		-0.03
15) 2-Fluorobiphenyl	13.07	172	3290	0.38	ng		-0.03
25) Fluoranthene-d10	19.21	212	39262	0.35	ng		-0.04
29) Terphenyl-d14	19.82	244	7485	0.44	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	381	0.350	ng		96
3) n-Nitrosodimethylamine	3.64	42	131	0.209	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	813	0.389	ng	#	66
9) Naphthalene	10.63	128	12226	0.411	ng		99
10) Hexachlorobutadiene	10.90	225	945	0.417	ng		98
12) 2-Methylnaphthalene	12.27	142	1962	0.406	ng		98
16) Acenaphthylene	14.17	152	4442	0.389	ng		100
17) Acenaphthene	14.50	154	2328	0.374	ng		99
18) Fluorene	15.47	166	3659	0.392	ng		99
20) 4-Bromophenyl-phenylether	16.38	248	1692	0.386	ng		92
21) Hexachlorobenzene	16.48	284	1801	0.402	ng		99
22) Pentachlorophenol	16.88	266	248	0.415	ng		98
23) Phenanthrene	17.23	178	7135	0.380	ng		99
24) Anthracene	17.32	178	6029	0.350	ng		99
26) Fluoranthene	19.24	202	11297	0.354	ng		99
28) Pyrene	19.60	202	11518	0.467	ng		100
30) Benzo(a)anthracene	21.34	228	11563	0.412	ng		99
31) Chrysene	21.40	228	12267	0.423	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	14085	0.350	ng		100
33) Indeno(1,2,3-cd)pyrene	26.51	276	14200	0.412	ng		100
35) Benzo(b)fluoranthene	23.09	252	11477	0.380	ng		98
36) Benzo(k)fluoranthene	23.14	252	12333	0.390	ng		99
37) Benzo(a)pyrene	23.75	252	11815	0.397	ng	#	96
38) Dibenzo(a,h)anthracene	26.54	278	10804	0.360	ng		95
39) Benzo(g,h,i)perylene	27.32	276	12270	0.396	ng		99

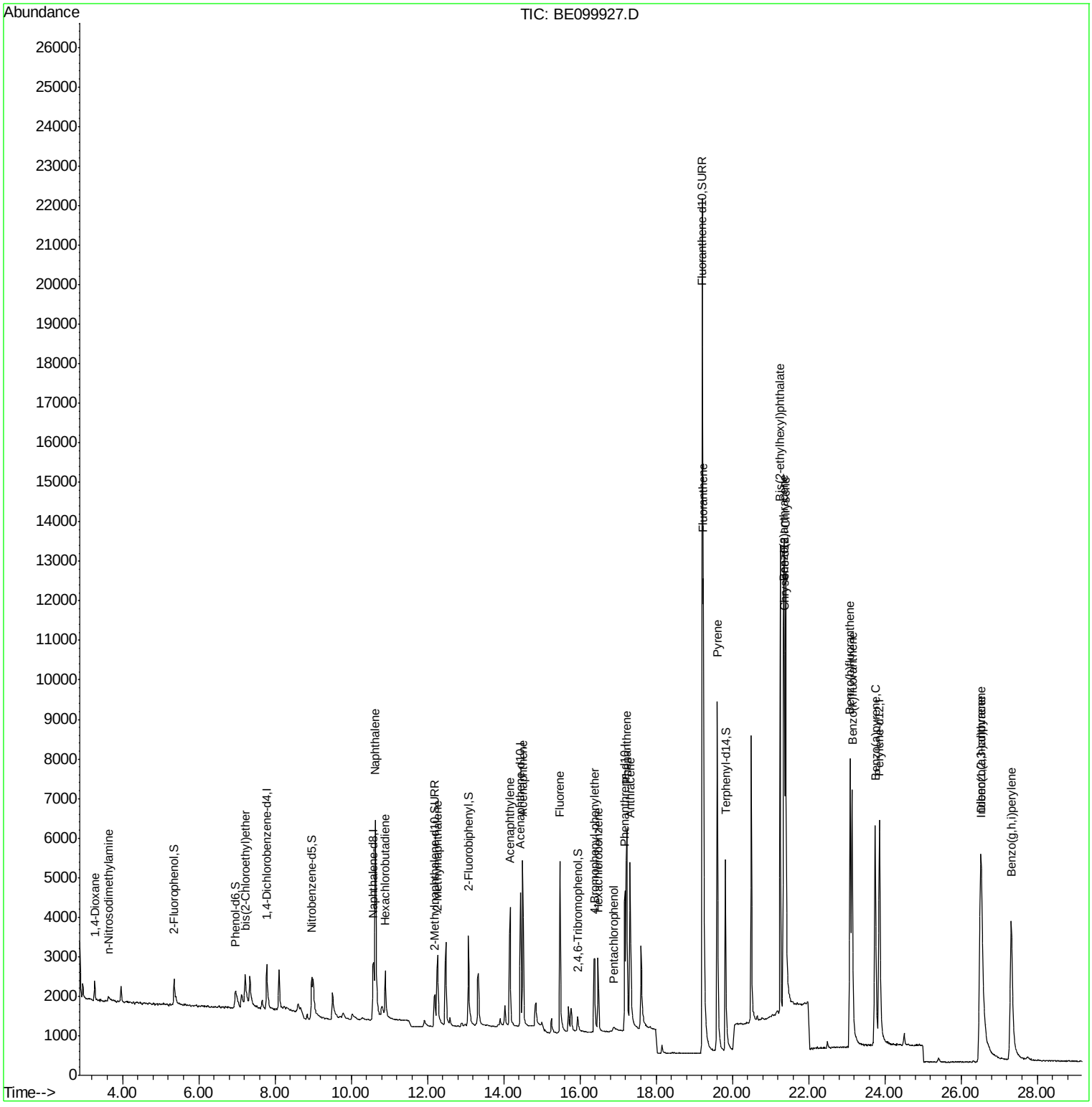
(#) = qualifier out of range (m) = manual integration (+) = signals summed

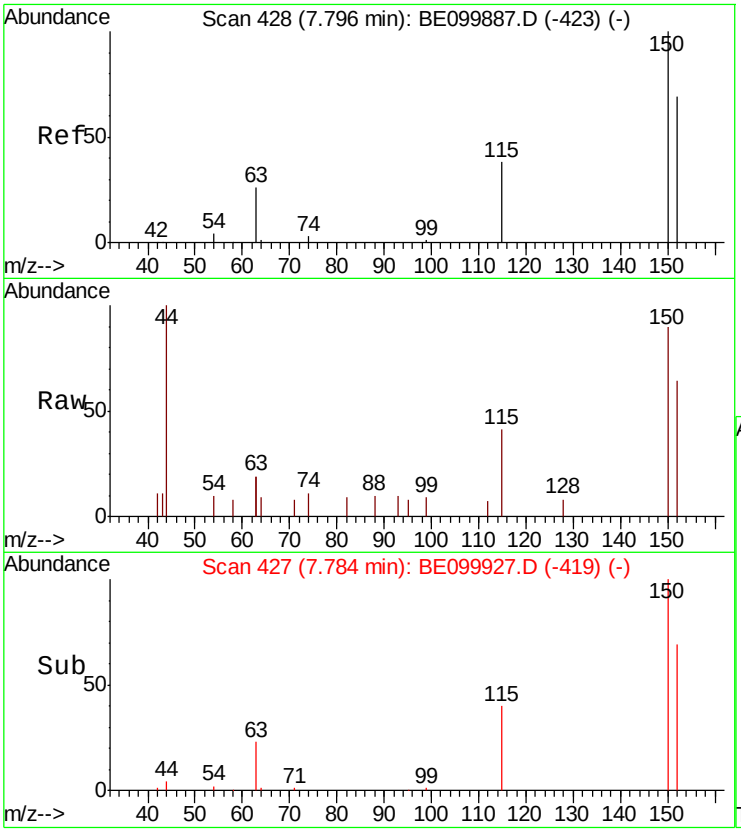
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
Data File : BE099927.D
Acq On : 11 Jun 2019 16:57
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 12 03:43:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



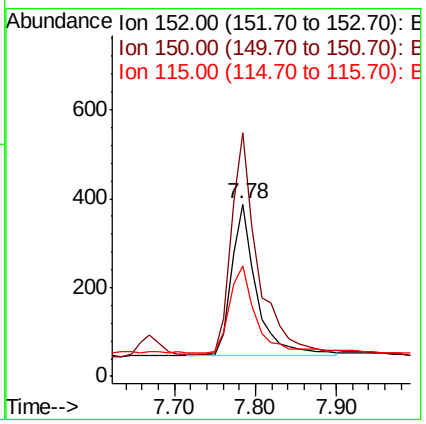


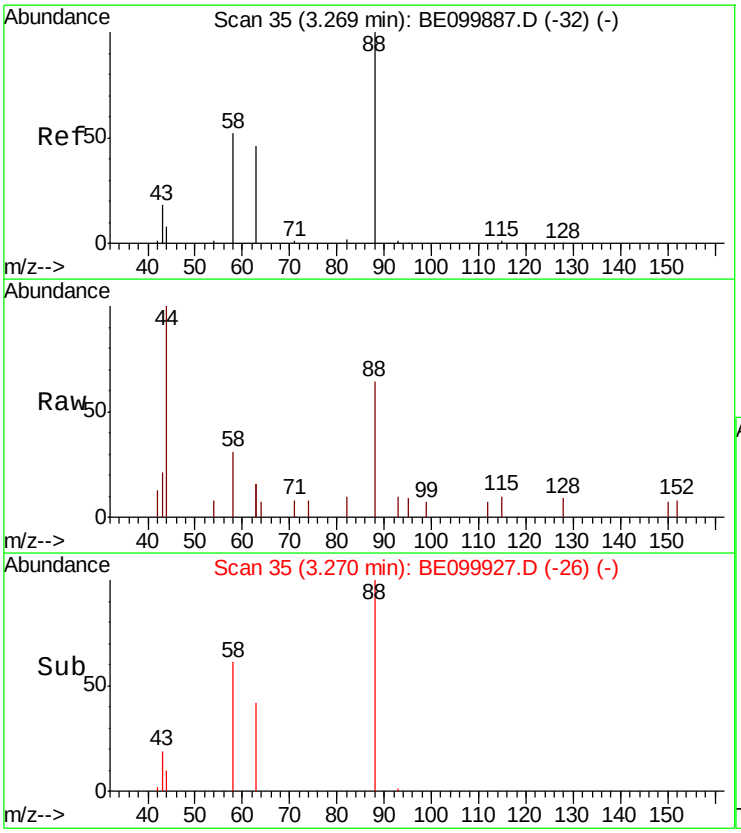
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 736

Ion	Ratio	Lower	Upper
152	100		
150	141.2	111.0	166.6
115	64.2	50.7	76.1

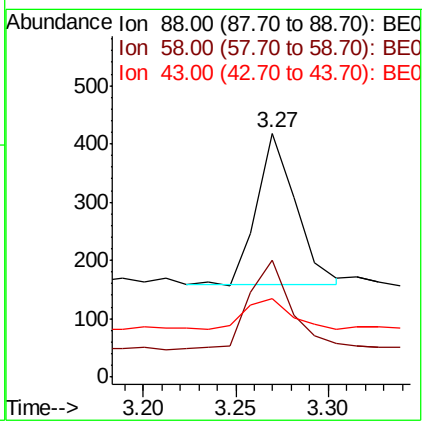


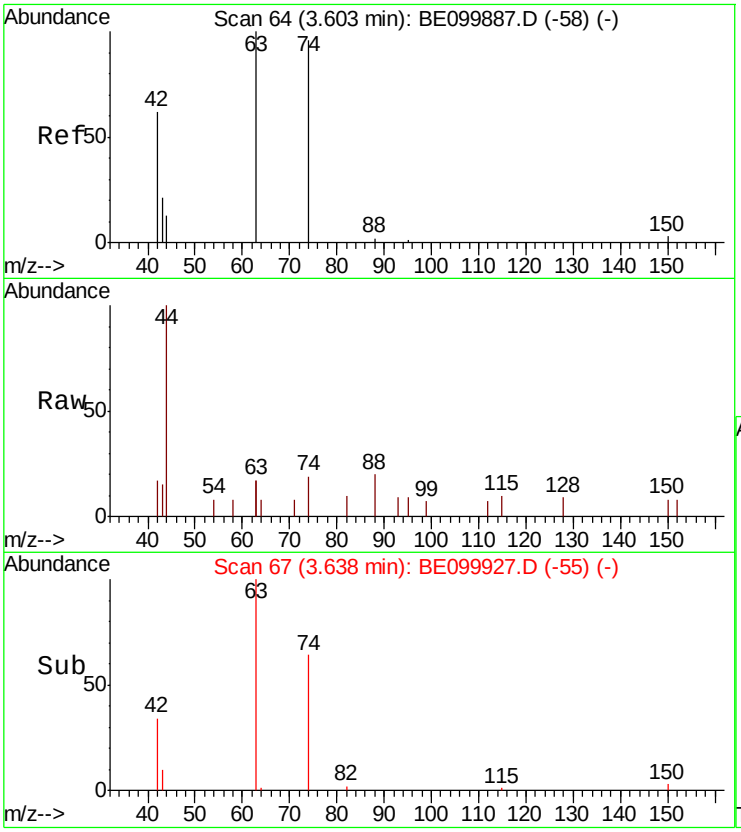


#2
1,4-Dioxane
Concen: 0.350 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.00 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion: 88 Resp: 381

Ion	Ratio	Lower	Upper
88	100		
58	65.4	48.8	73.2
43	24.4	19.0	28.6



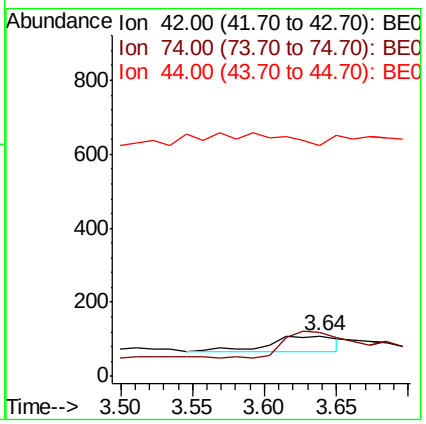


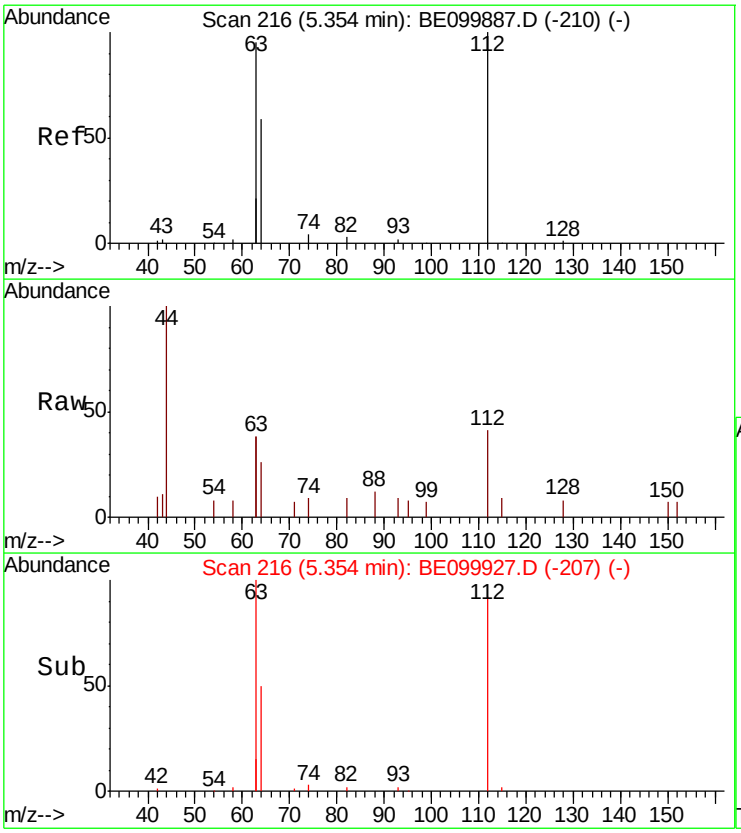
#3
n-Nitrosodimethylamine
Concen: 0.209 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 131

Ion	Ratio	Lower	Upper
42	100		
74	132.8	0.0	0.0#
44	0.0	0.0	0.0

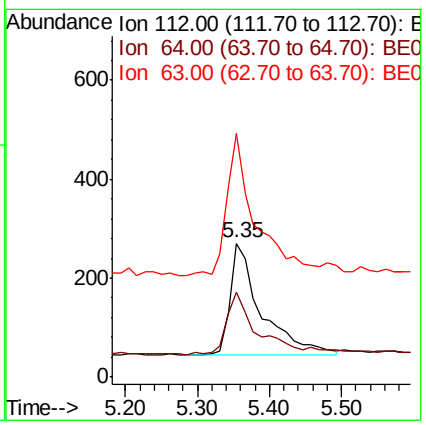


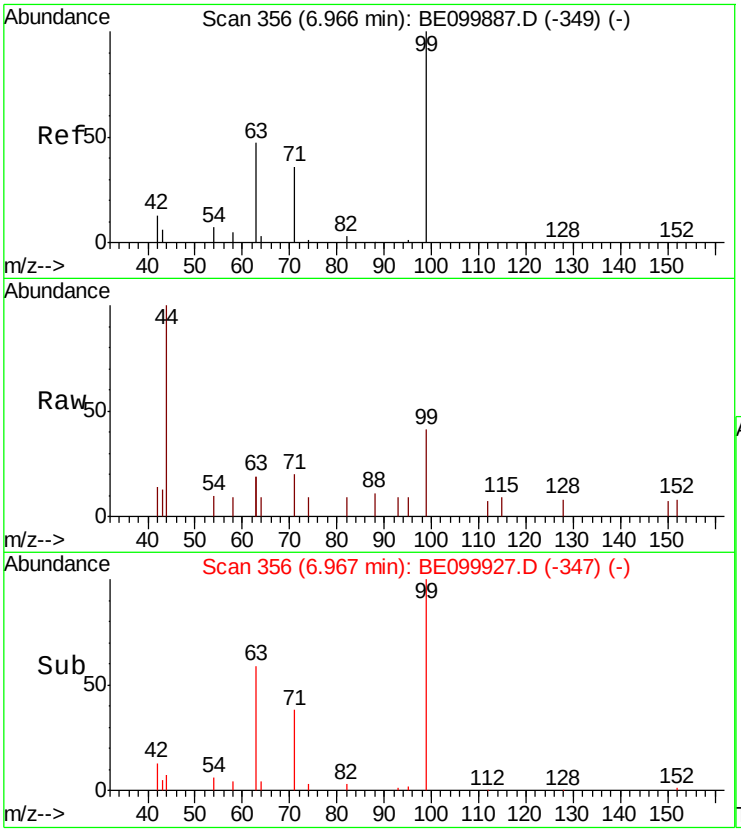


#4
2-Fluorophenol
Concen: 0.347 ng
RT: 5.35 min Scan# 216
Delta R.T. 0.00 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:112 Resp: 689

Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	115.4	87.8	131.6



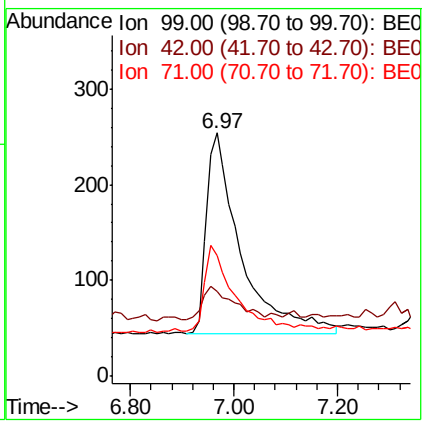


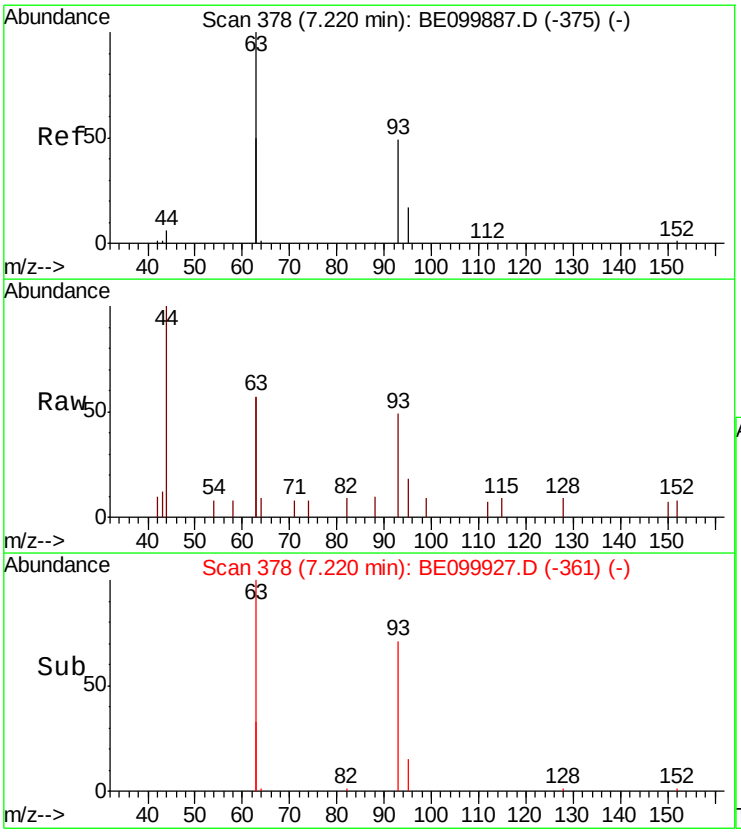
#5
Phenol-d6
Concen: 0.379 ng
RT: 6.97 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 970

Ion	Ratio	Lower	Upper
99	100		
42	14.8	15.9	23.9#
71	36.3	34.6	52.0

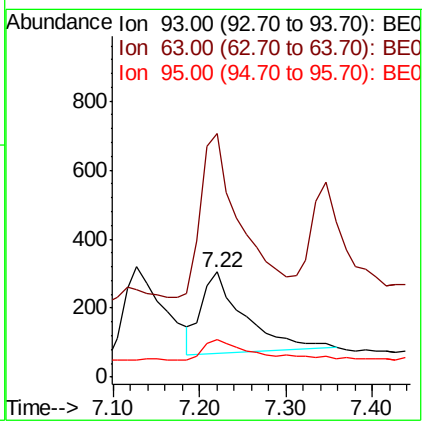


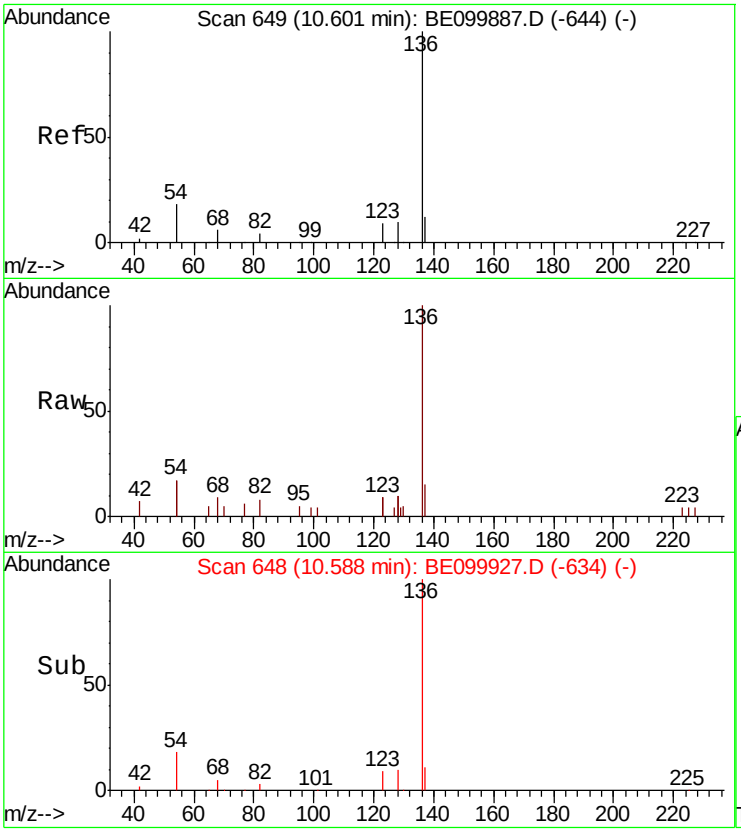


#6
bis(2-Chloroethyl)ether
Concen: 0.389 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion: 93 Resp: 813

Ion	Ratio	Lower	Upper
93	100		
63	187.9	202.8	304.2#
95	27.9	23.7	35.5



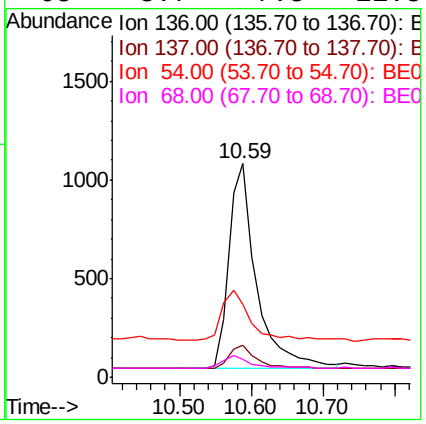


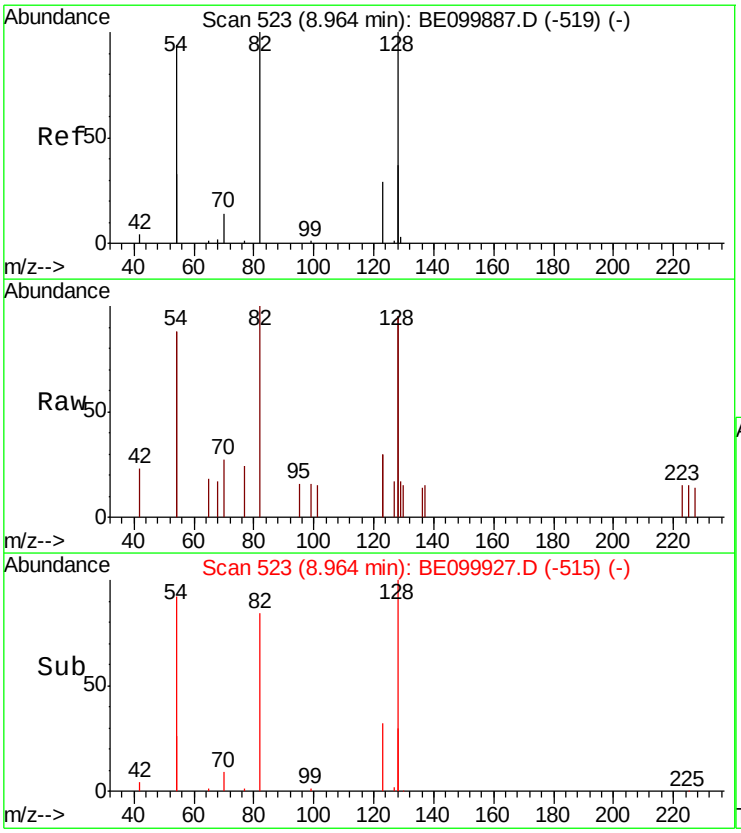
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.01 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 2753

Ion	Ratio	Lower	Upper
136	100		
137	15.1	12.3	18.5
54	34.0	28.2	42.4
68	8.7	7.8	11.8

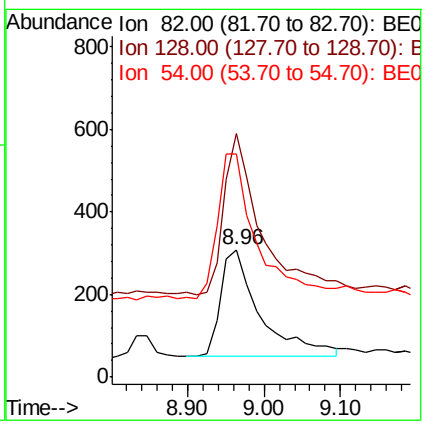


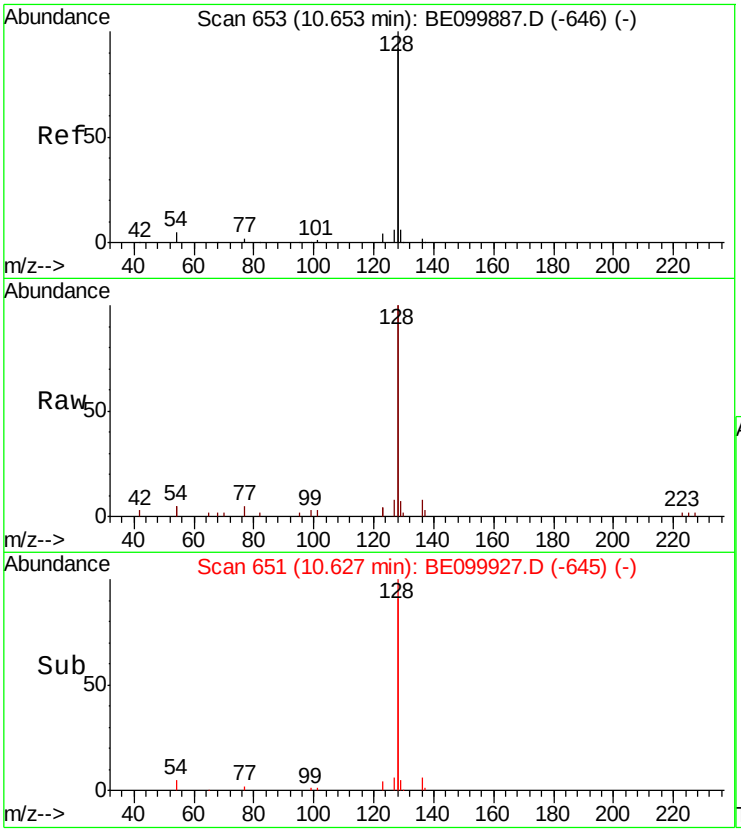


#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion: 82 Resp: 927

Ion	Ratio	Lower	Upper
82	100		
128	190.9	137.3	205.9
54	175.4	129.7	194.5



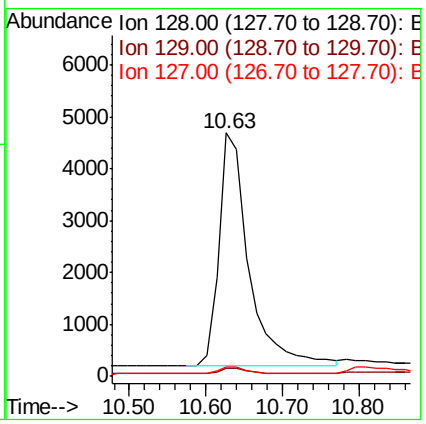


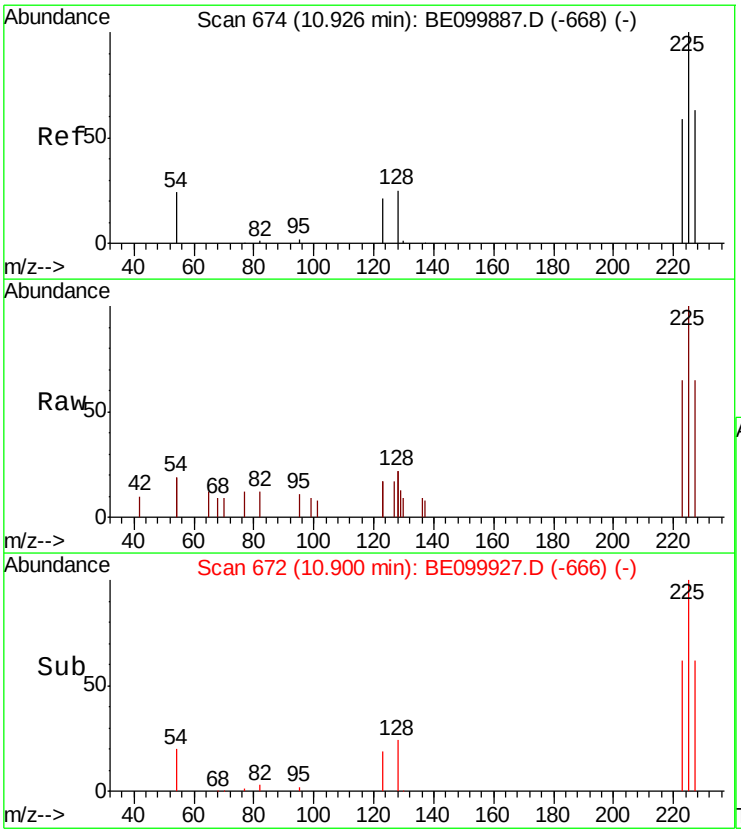
#9
Naphthalene
Concen: 0.411 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 12226

Ion	Ratio	Lower	Upper
128	100		
129	3.5	3.0	4.6
127	4.1	3.4	5.0

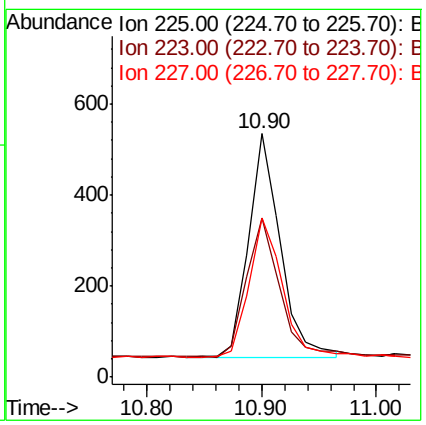


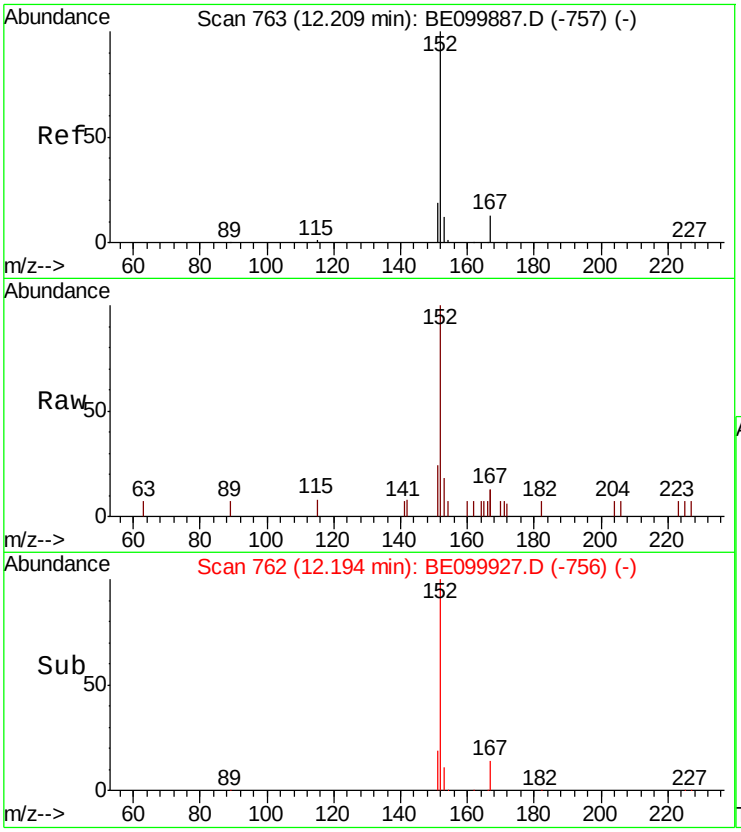


#10
Hexachlorobutadiene
Concen: 0.417 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:225 Resp: 945

Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.6	77.4
227	65.0	50.6	76.0



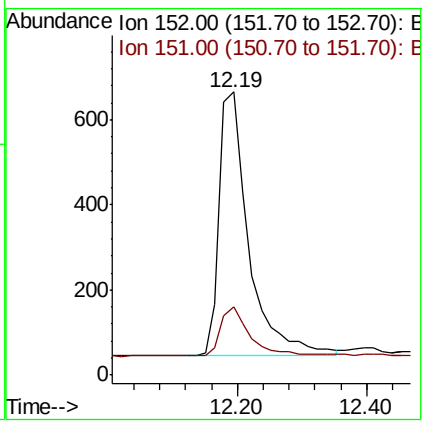


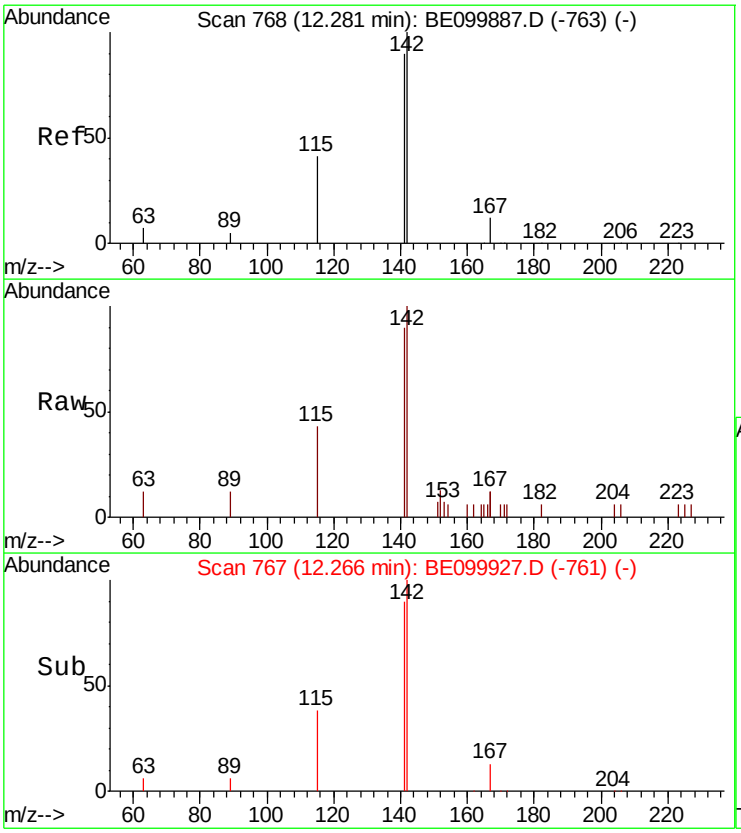
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1955

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.2	22.8

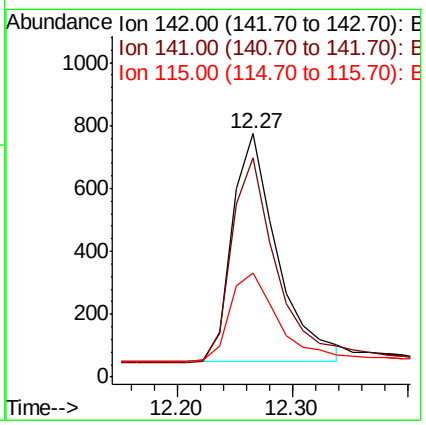


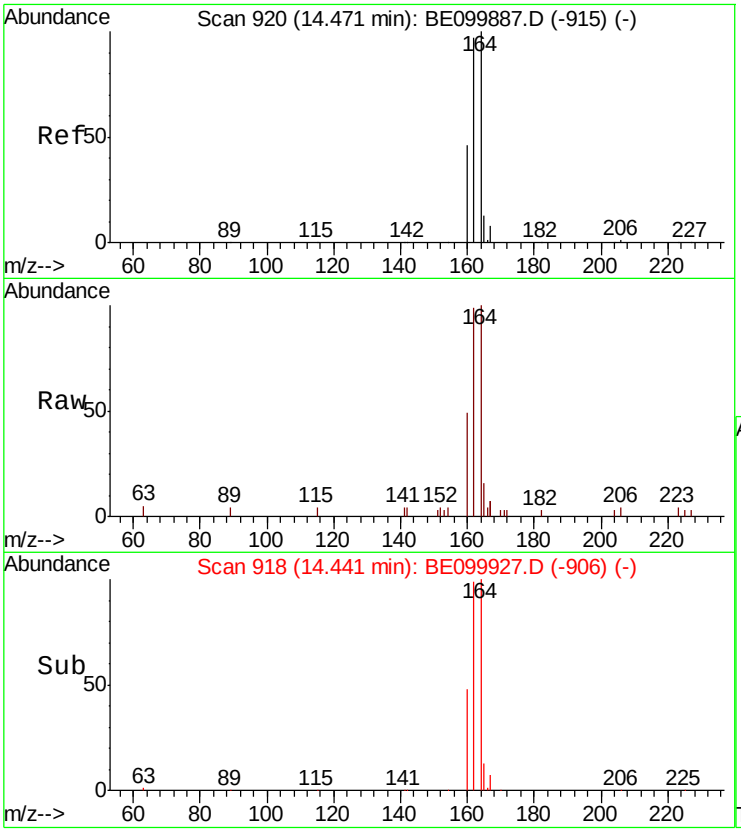


#12
2-Methylnaphthalene
Concen: 0.406 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:142 Resp: 1962

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.3	108.5
115	42.6	36.4	54.6



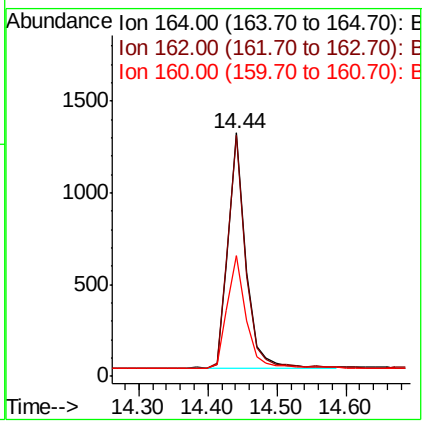


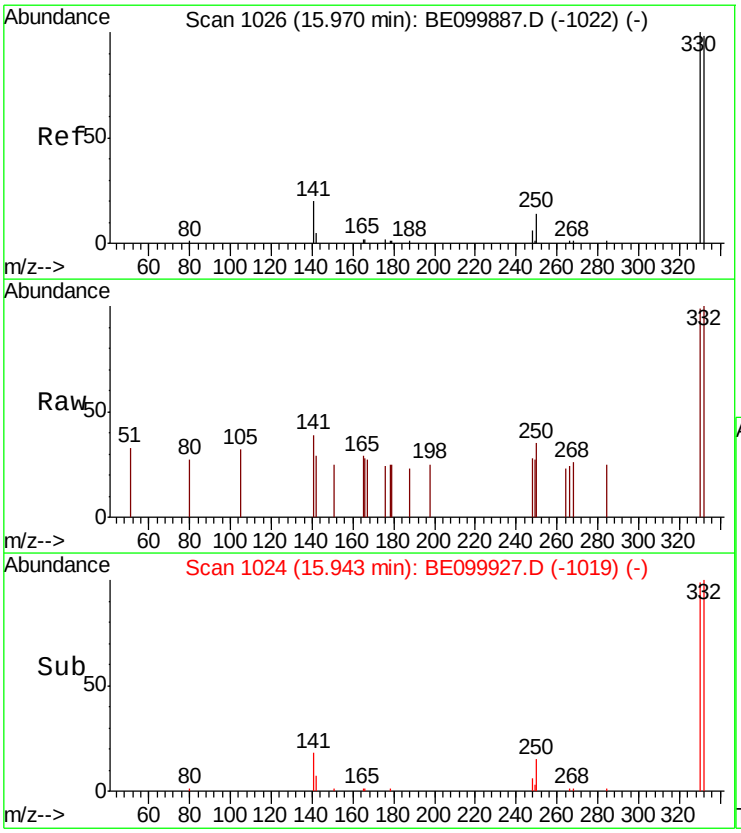
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2295

Ion	Ratio	Lower	Upper
164	100		
162	99.1	77.8	116.8
160	49.4	38.2	57.4

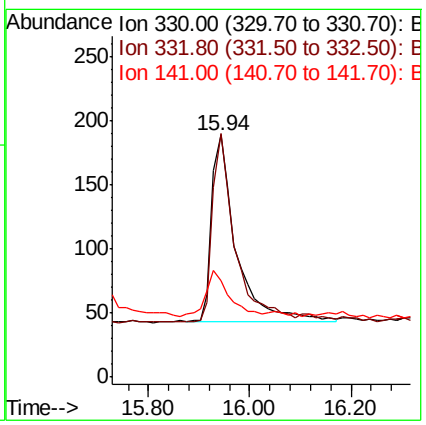


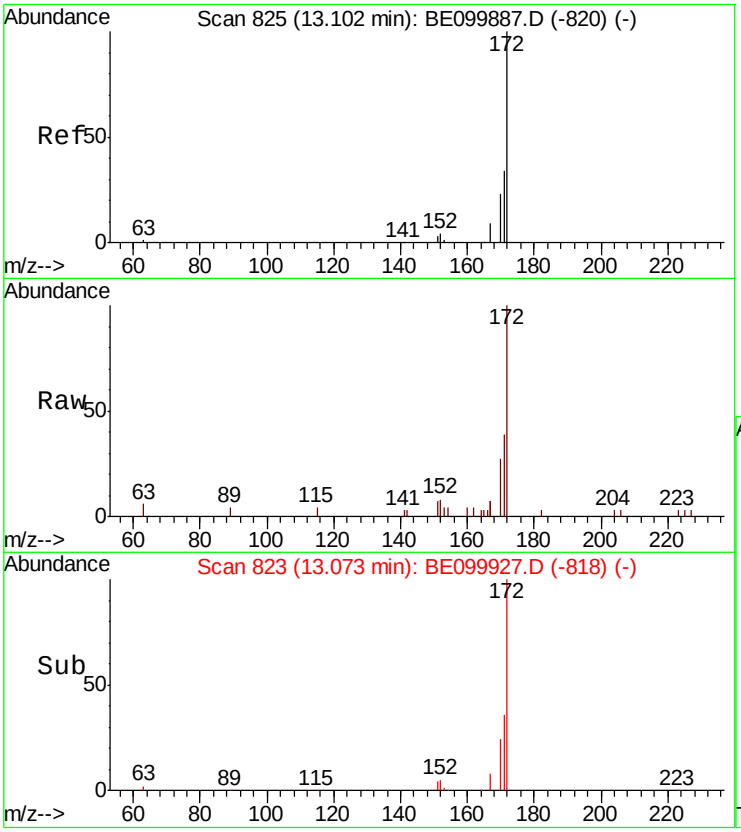


#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:330 Resp: 491

Ion	Ratio	Lower	Upper
330	100		
332	91.6	76.7	115.1
141	23.0	21.0	31.6



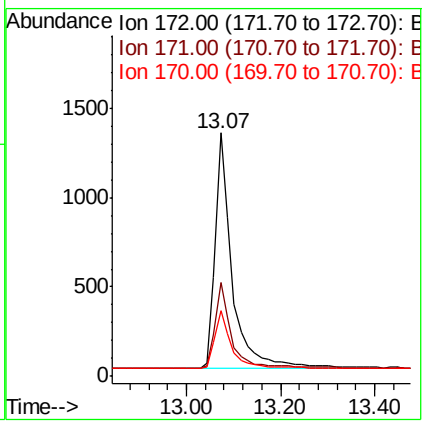


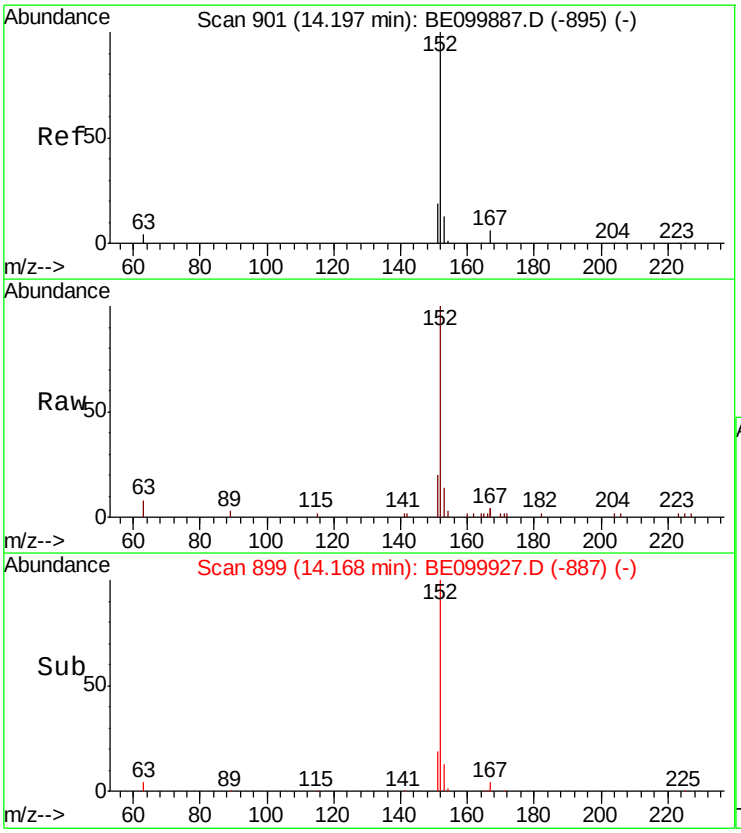
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3290

Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.2	43.8
170	26.8	21.2	31.8

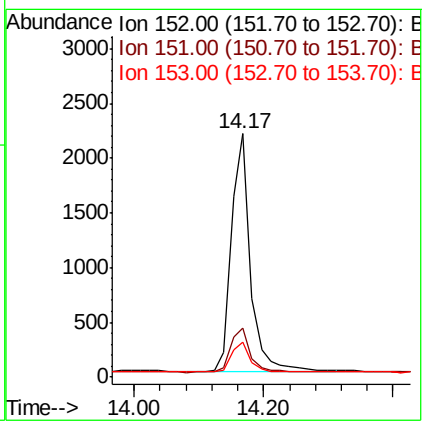


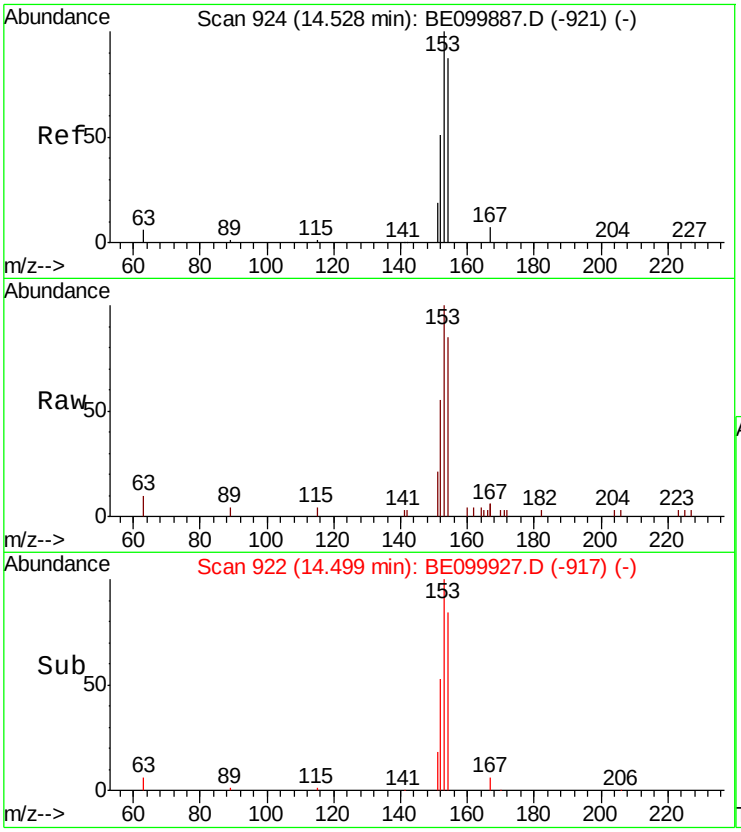


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:152 Resp: 4442

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	12.7	10.2	15.2



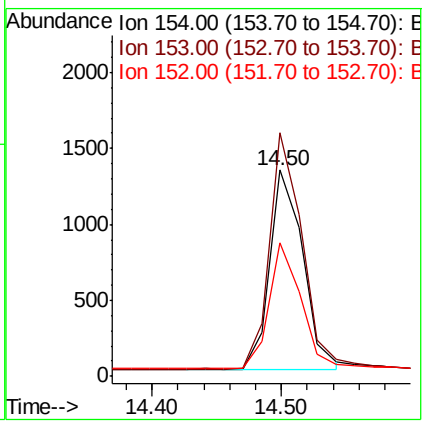


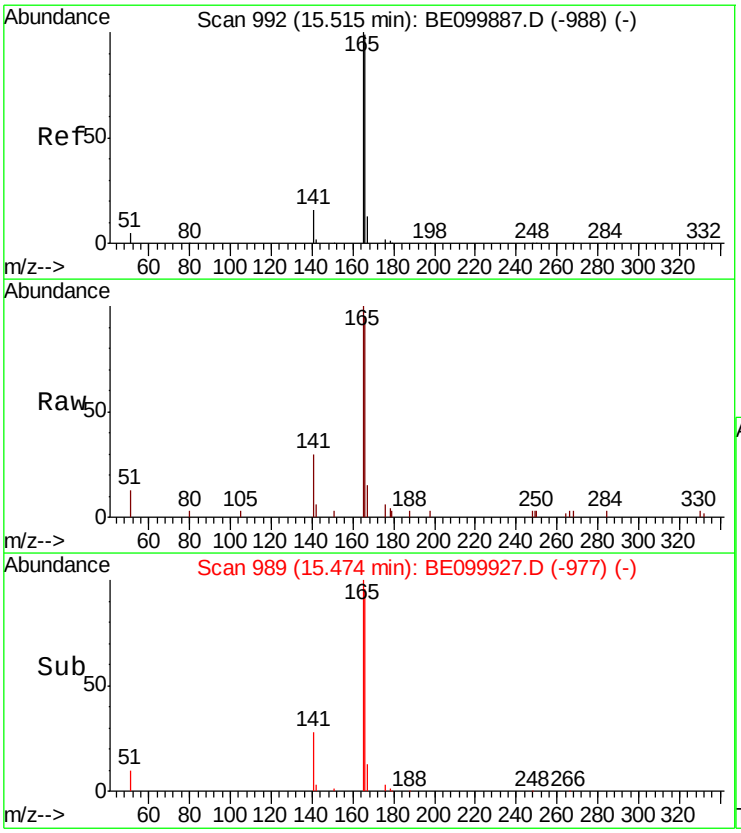
#17
Acenaphthene
Concen: 0.374 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2328

Ion	Ratio	Lower	Upper
154	100		
153	116.8	93.1	139.7
152	60.7	47.0	70.4

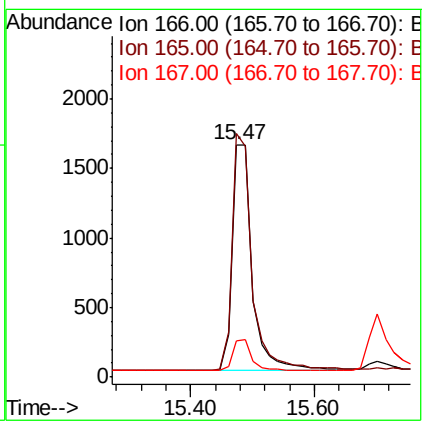


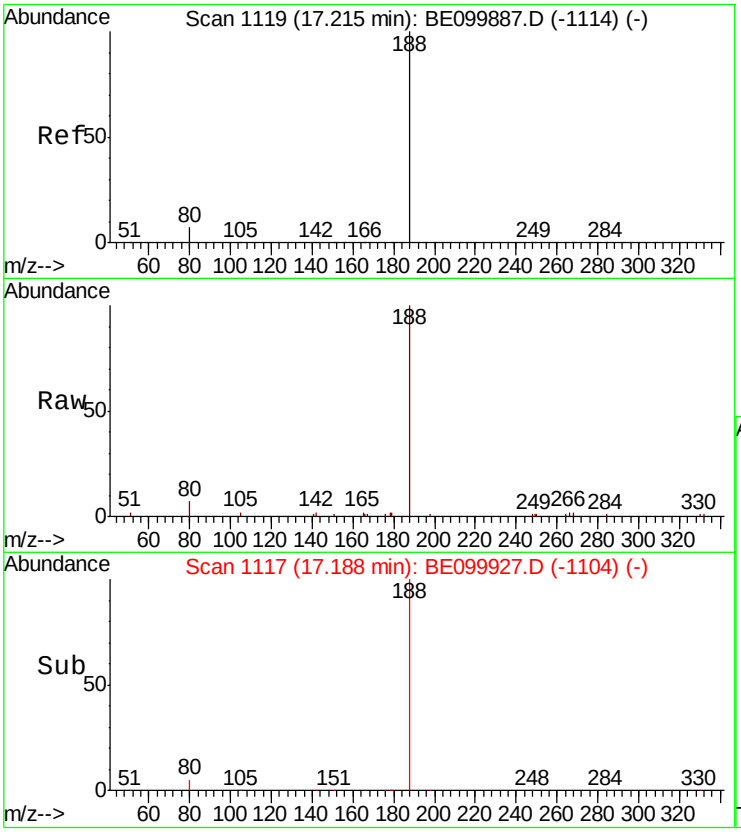


#18
Fluorene
Concen: 0.392 ng
RT: 15.47 min Scan# 989
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:166 Resp: 3659

Ion	Ratio	Lower	Upper
166	100		
165	103.4	81.8	122.8
167	13.5	11.2	16.8



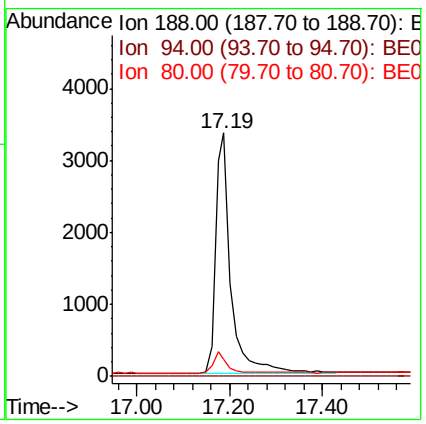


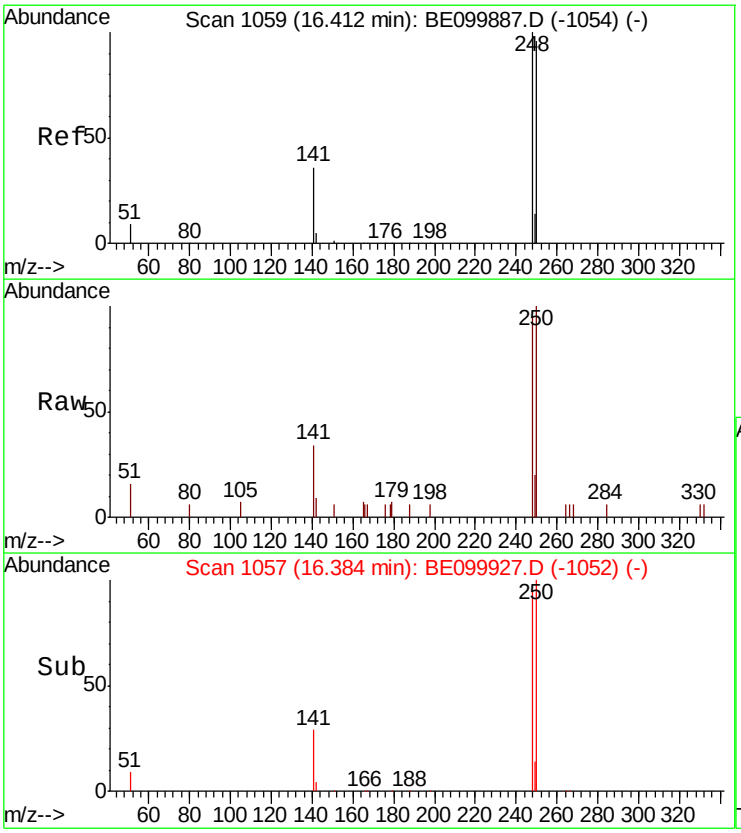
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7744

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	6.4	9.6

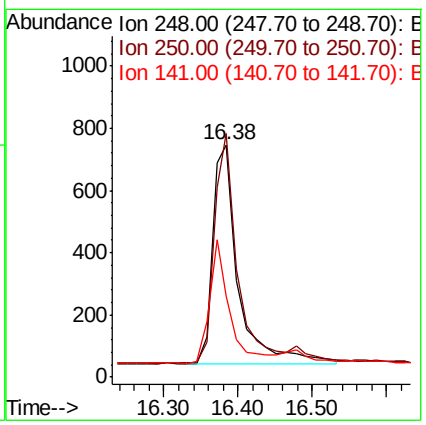


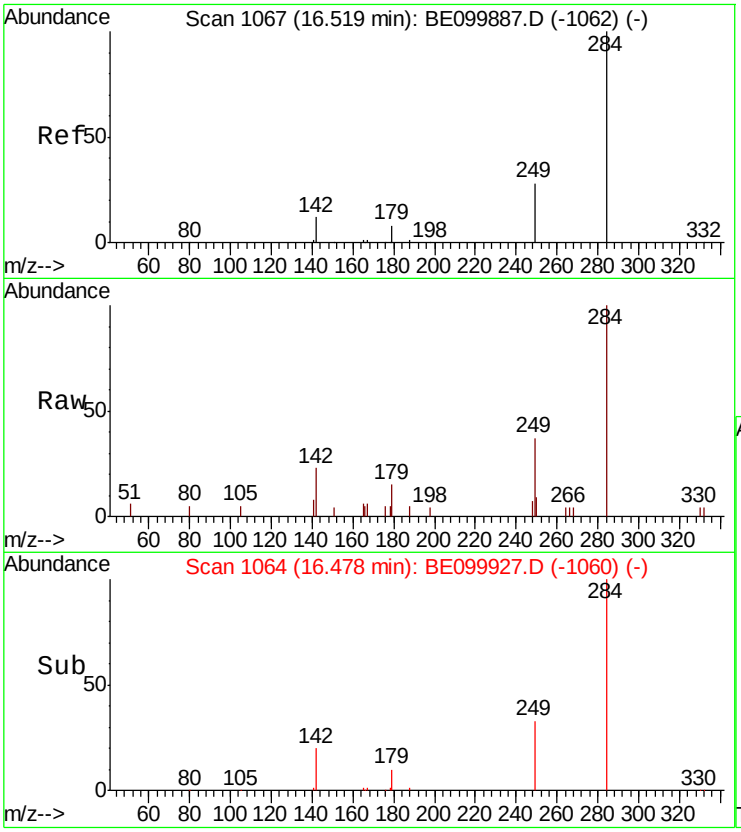


#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:248 Resp: 1692

Ion	Ratio	Lower	Upper
248	100		
250	104.8	77.5	116.3
141	35.2	31.8	47.8



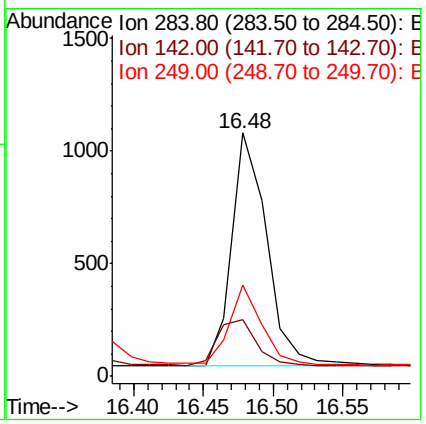


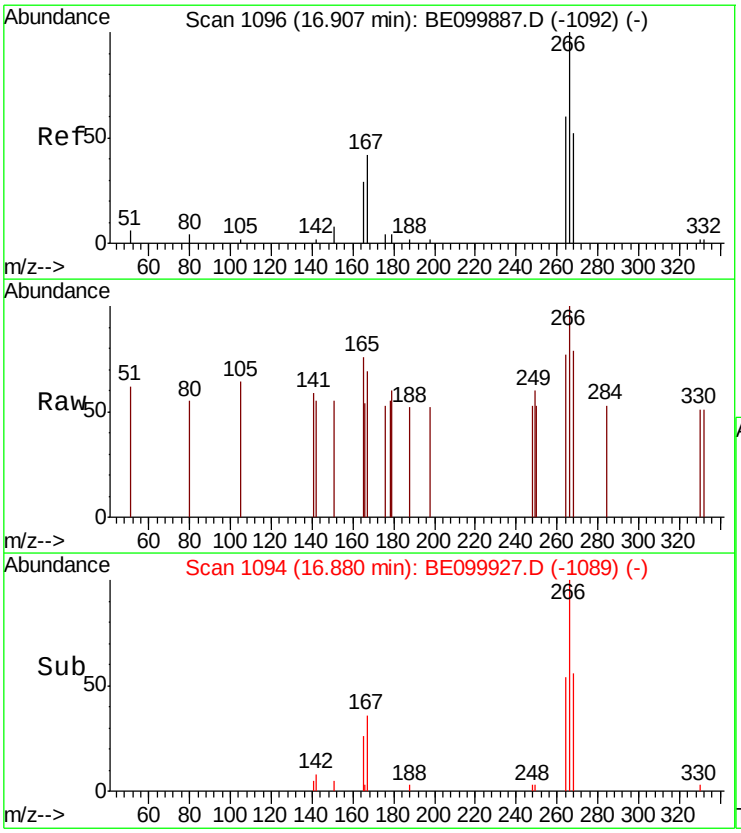
#21
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.48 min Scan# 1064
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1801

Ion	Ratio	Lower	Upper
284	100		
142	21.9	18.2	27.4
249	31.0	24.6	37.0

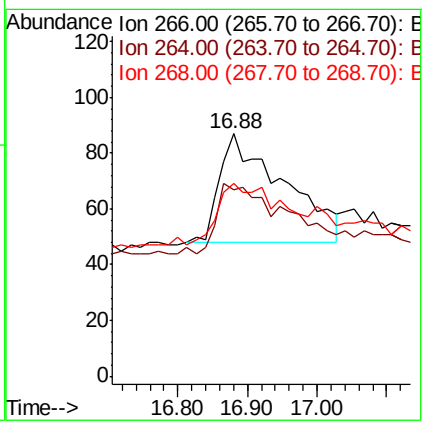


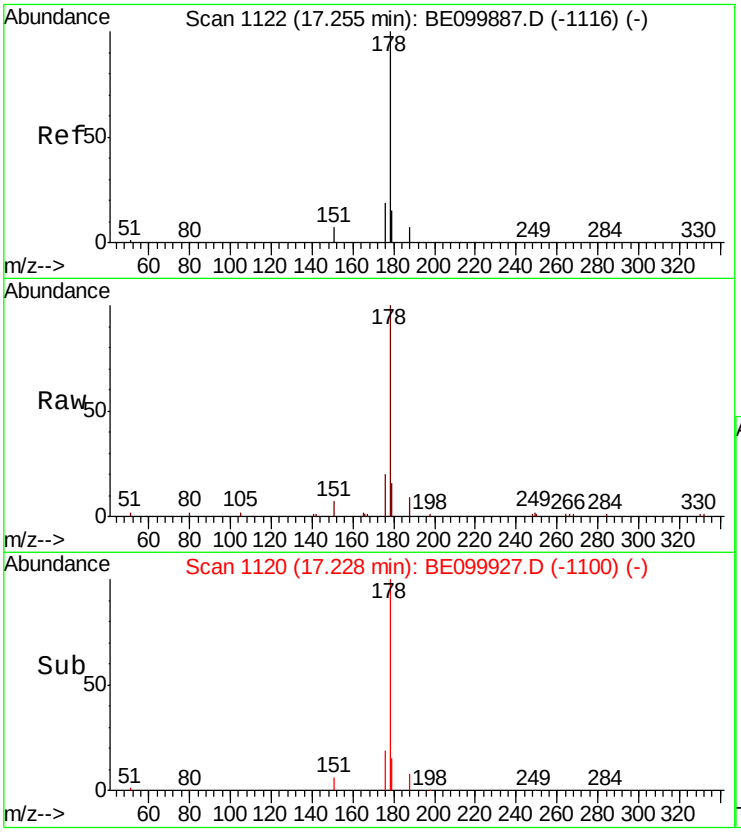


#22
Pentachlorophenol
Concen: 0.415 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:266 Resp: 248

Ion	Ratio	Lower	Upper
266	100		
264	77.0	62.2	93.2
268	79.3	65.5	98.3



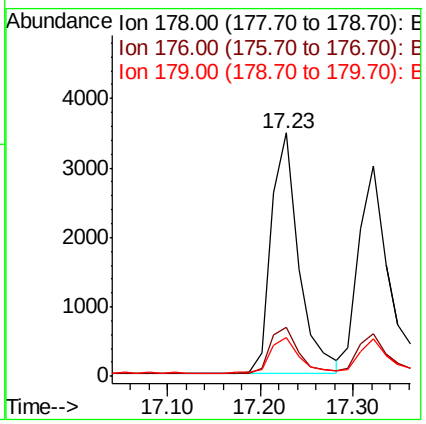


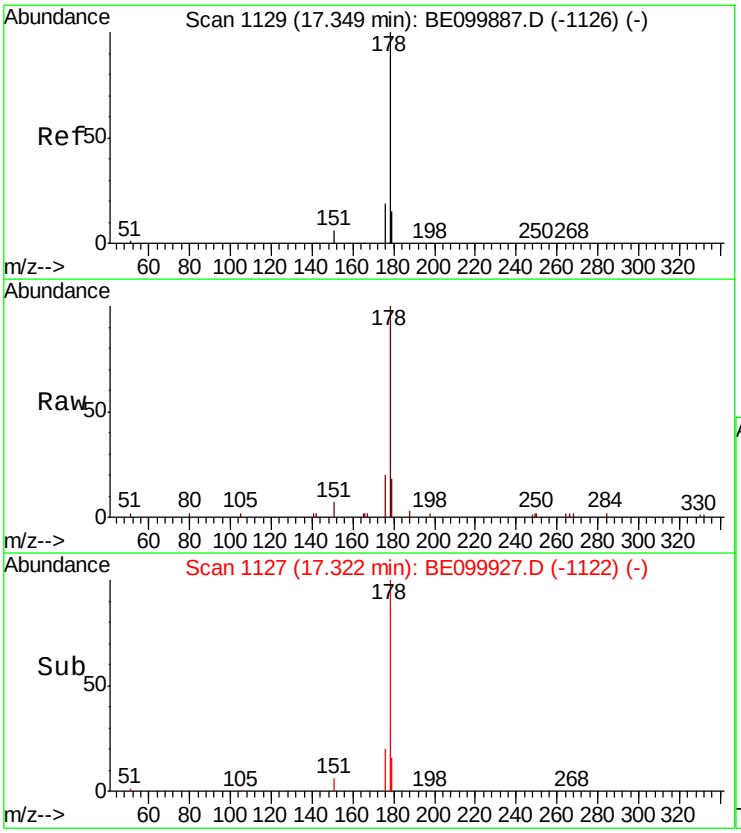
#23
Phenanthrene
Concen: 0.380 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7135

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.4	12.4	18.6

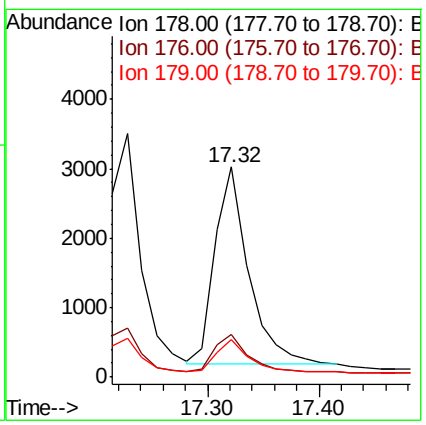


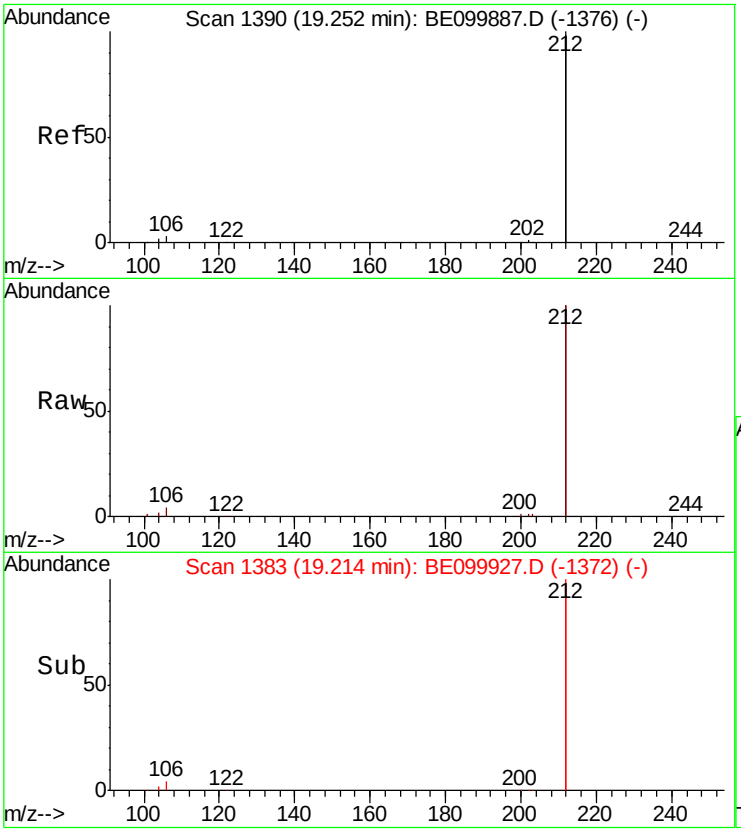


#24
Anthracene
Concen: 0.350 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:178 Resp: 6029

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.6	12.3	18.5



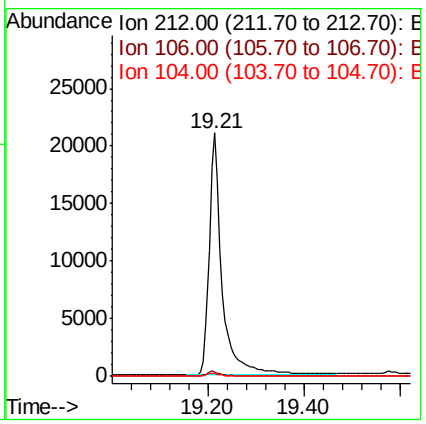


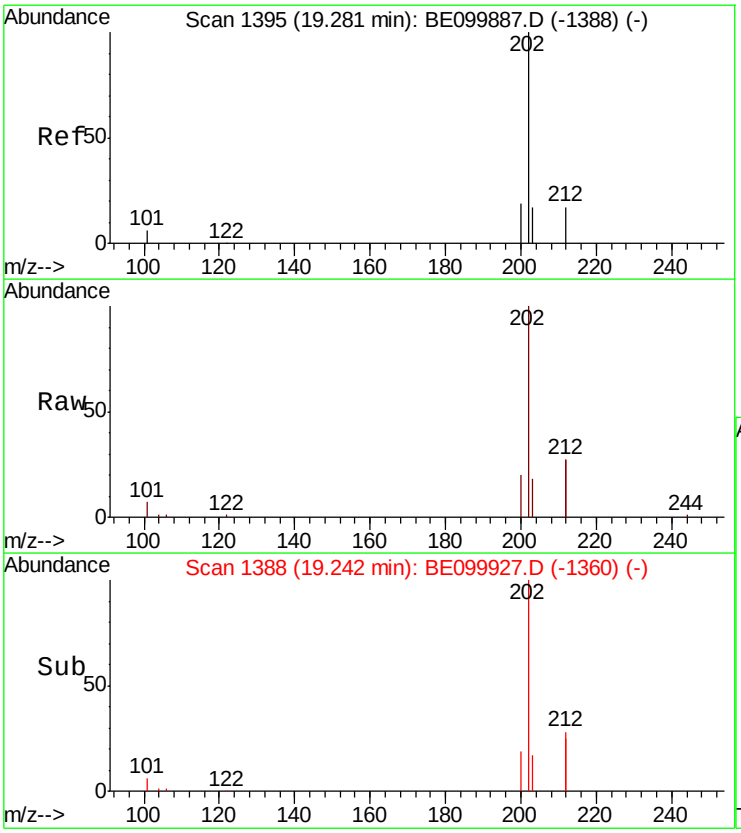
#25
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.21 min Scan# 1383
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 39262

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.0	0.9	1.3

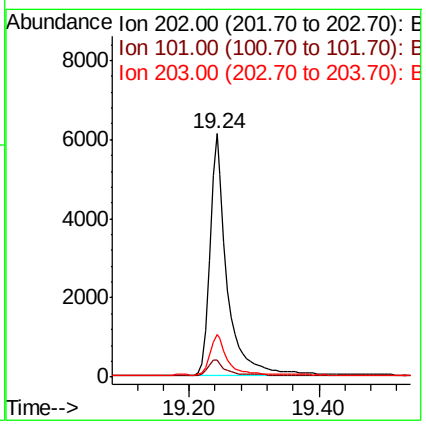


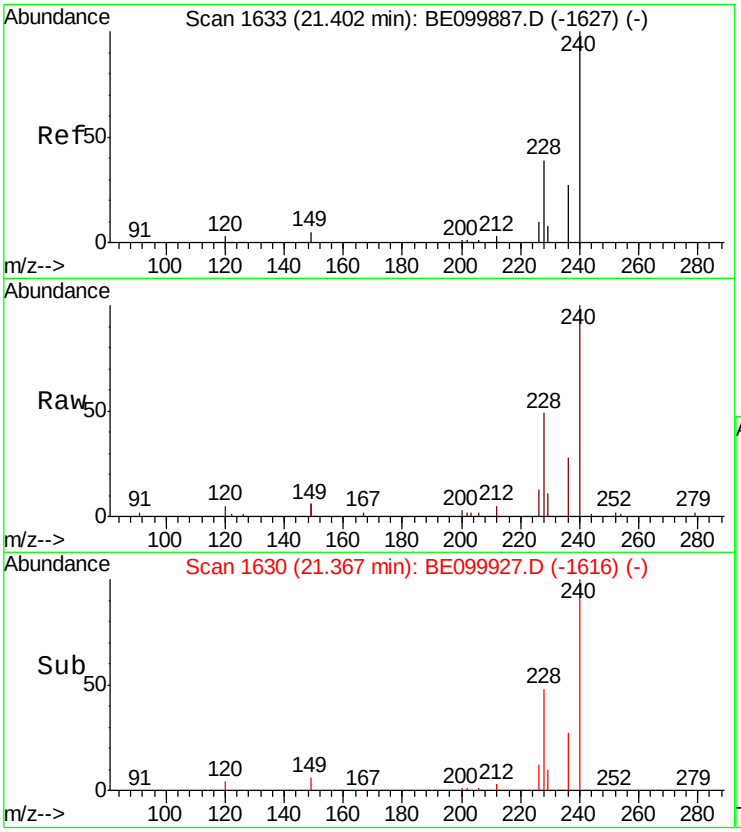


#26
Fluoranthene
Concen: 0.354 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:202 Resp: 11297

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.4	8.0
203	17.1	13.2	19.8



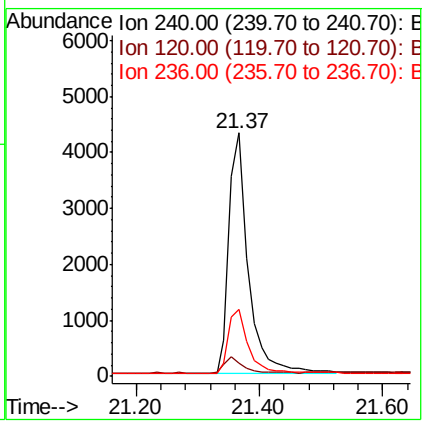


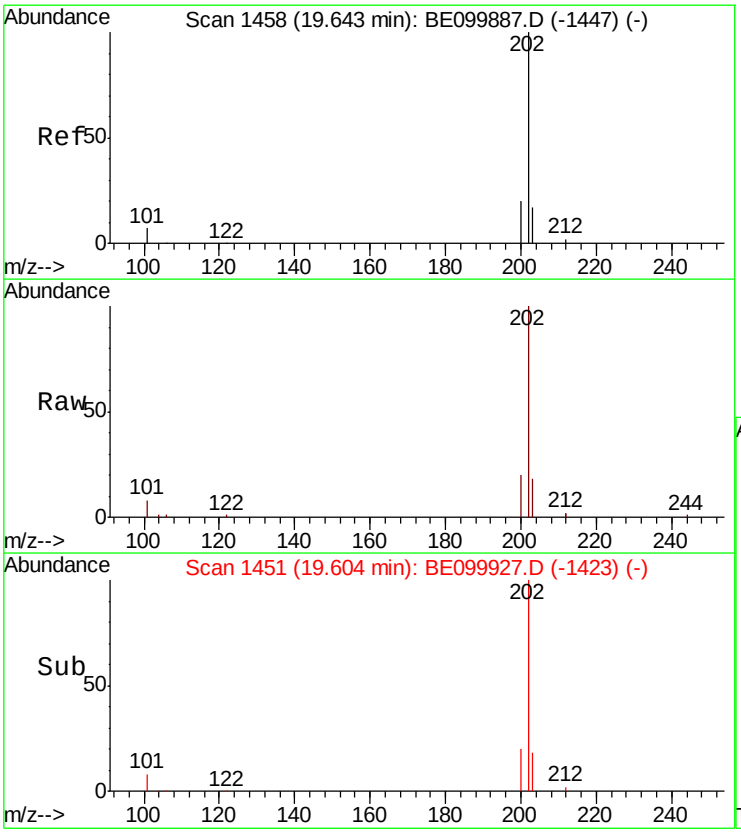
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 9395

Ion	Ratio	Lower	Upper
240	100		
120	5.4	3.8	5.6
236	27.7	22.0	33.0

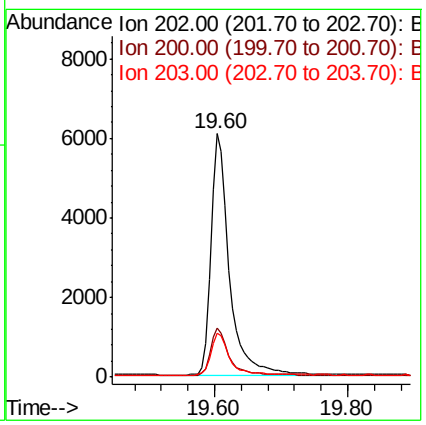


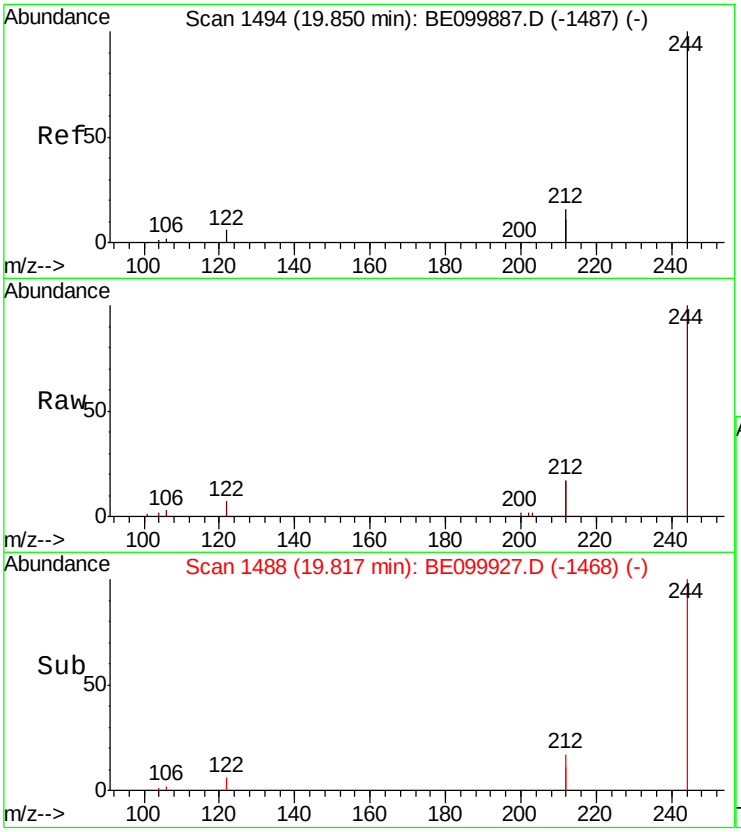


#28
Pyrene
Concen: 0.467 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:202 Resp: 11518

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.5	23.3
203	17.6	14.0	21.0



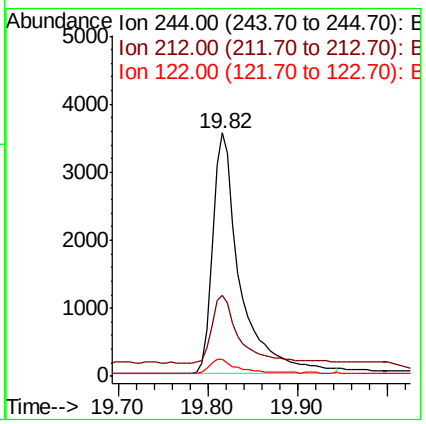


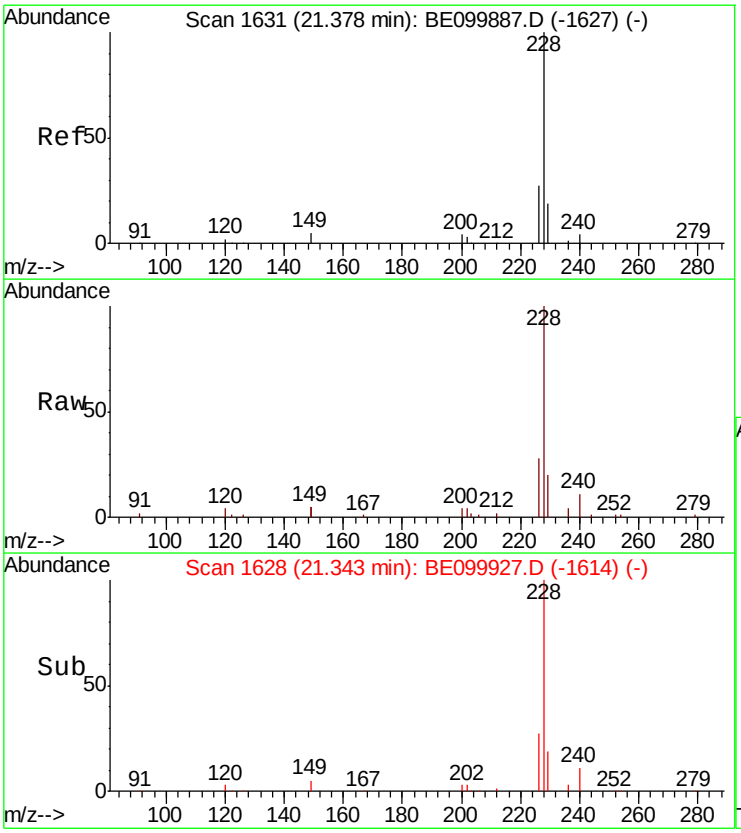
#29
Terphenyl-d14
Concen: 0.443 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 7485

Ion	Ratio	Lower	Upper
244	100		
212	33.4	25.7	38.5
122	7.2	5.5	8.3

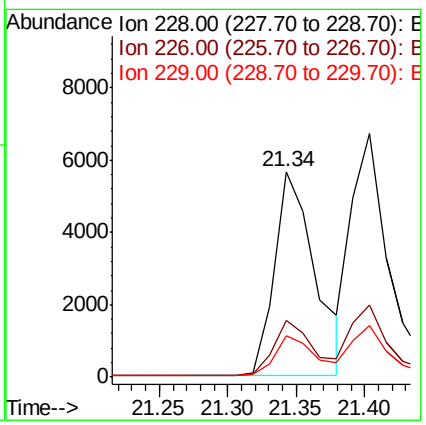


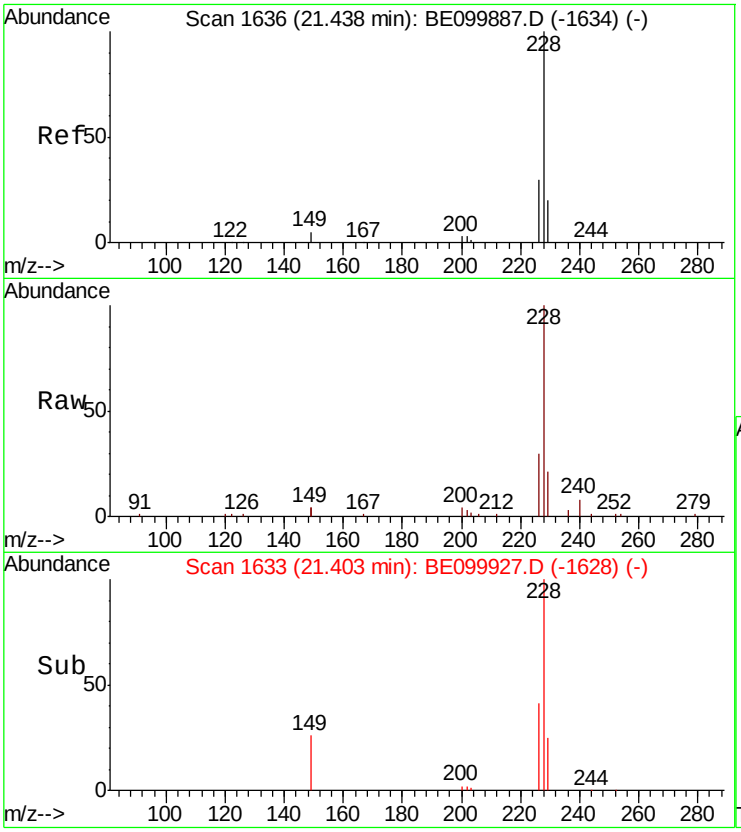


#30
Benzo(a)anthracene
Concen: 0.412 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:228 Resp: 11563

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.5	33.7
229	20.2	15.9	23.9



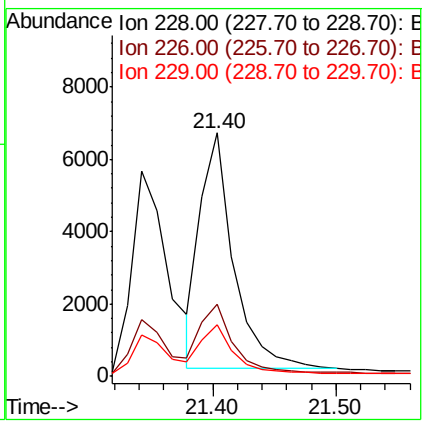


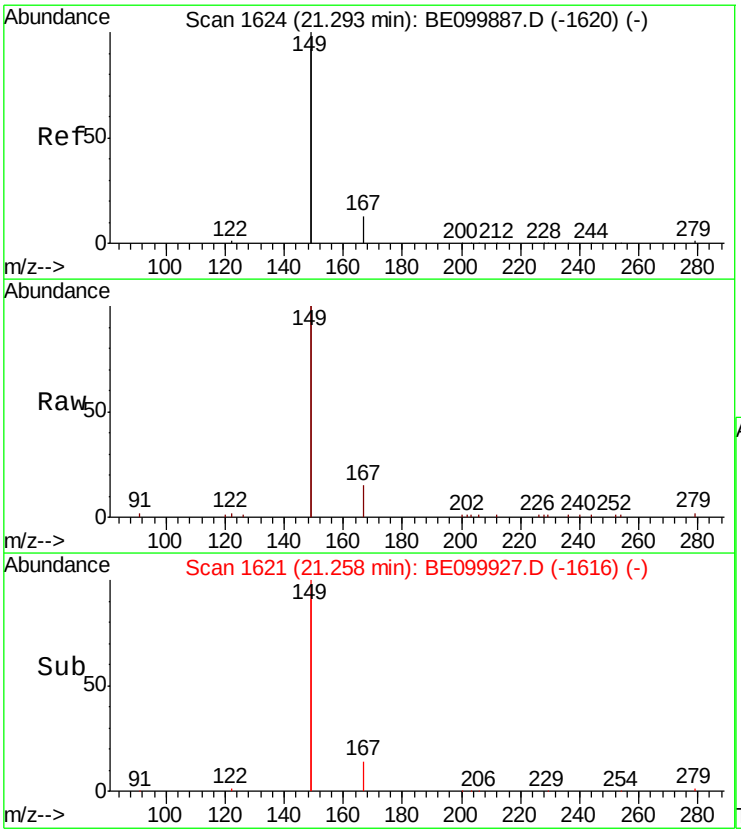
#31
Chrysene
Concen: 0.423 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 12267

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.0	16.1	24.1

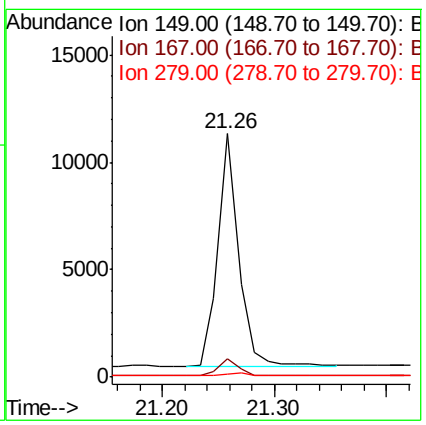


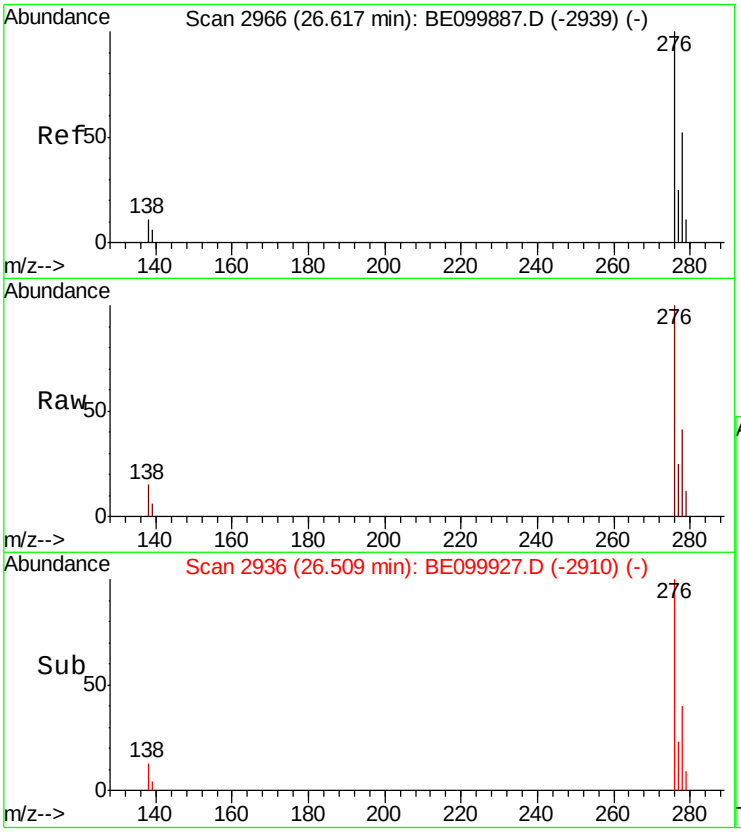


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.350 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:149 Resp: 14085

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.6	1.2	1.8



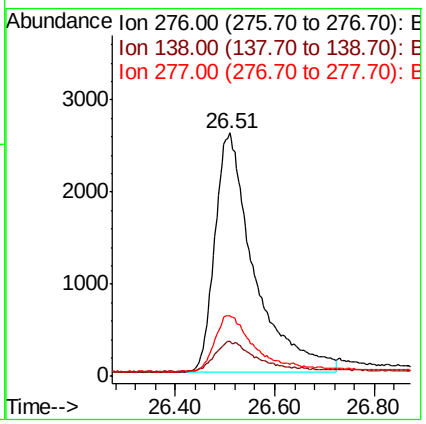


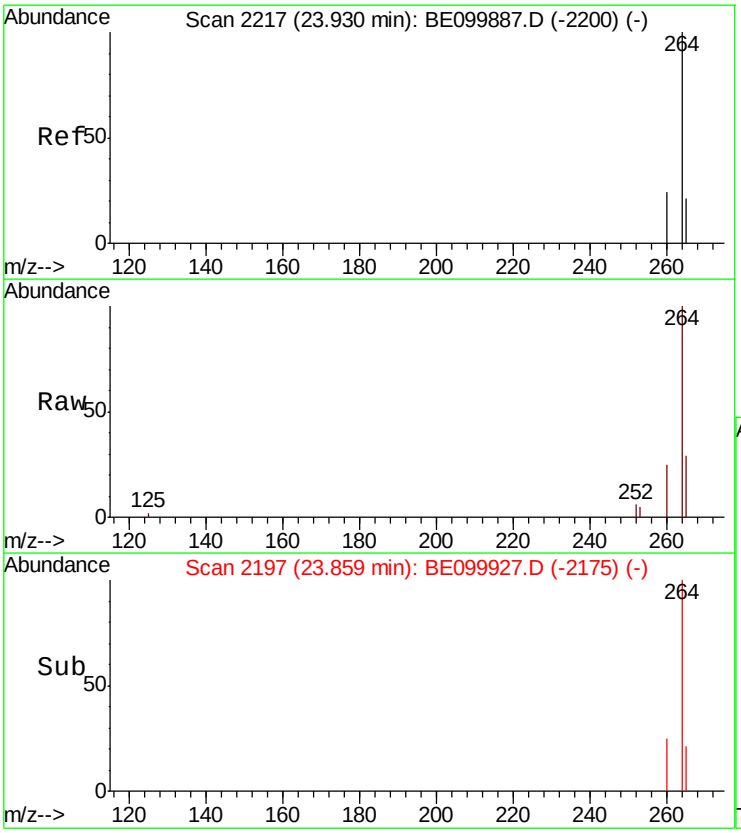
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng
RT: 26.51 min Scan# 2936
Delta R.T. -0.11 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 14200

Ion	Ratio	Lower	Upper
276	100		
138	13.0	10.1	15.1
277	23.8	19.1	28.7

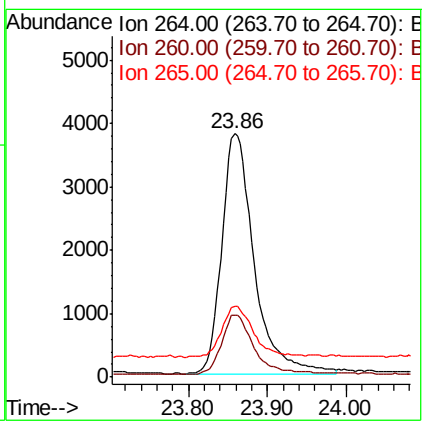


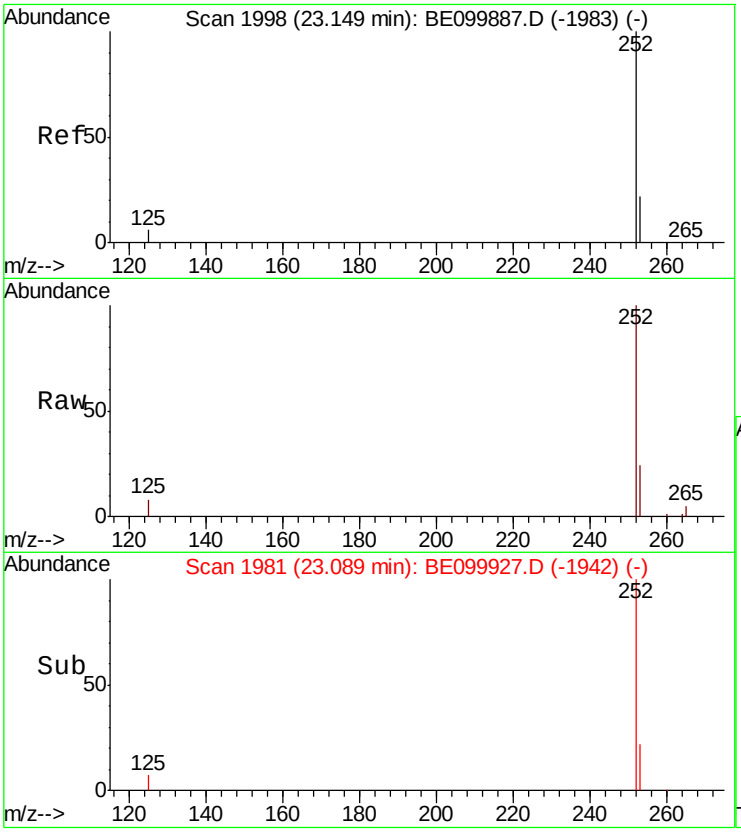


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.07 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:264 Resp: 10784

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	29.3	22.0	33.0



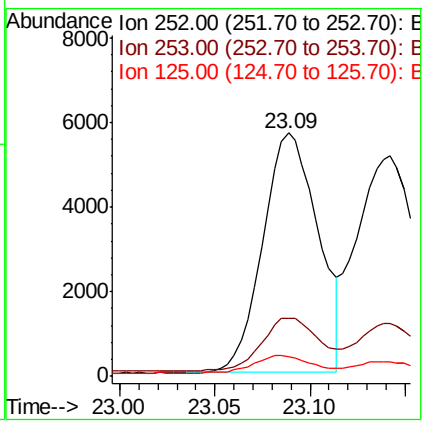


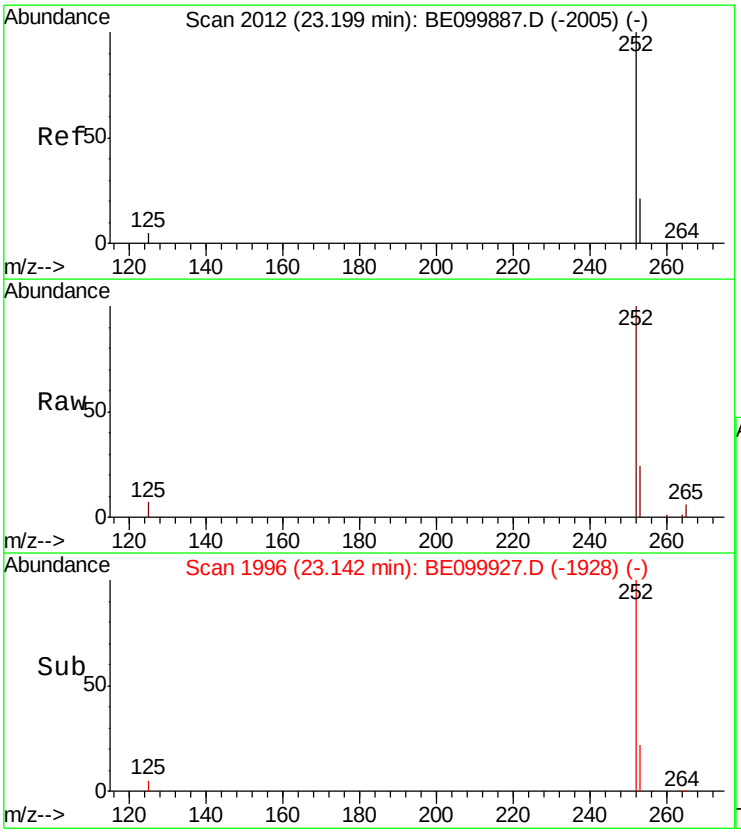
#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.06 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11477

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	8.2	5.7	8.5

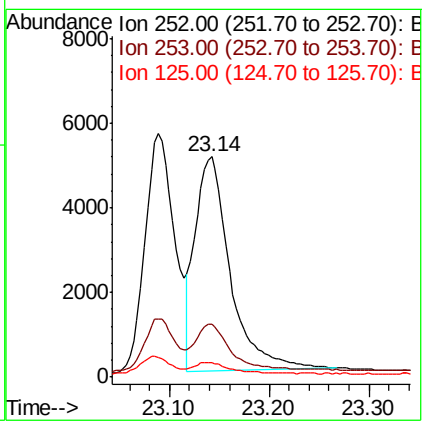


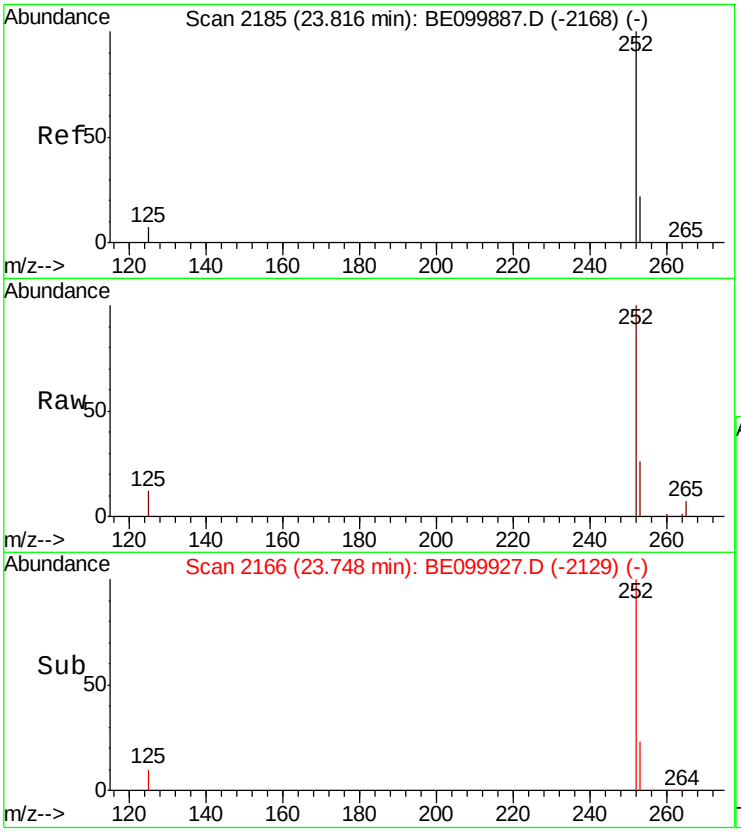


#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.06 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:252 Resp: 12333

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	28.0
125	6.8	5.4	8.0



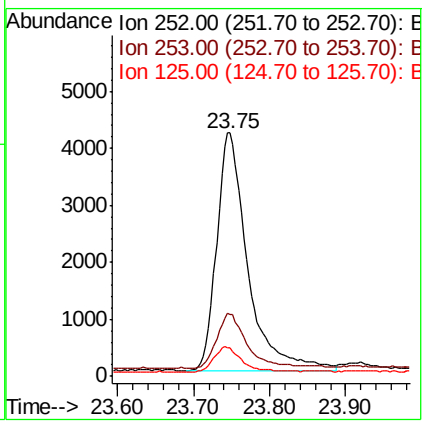


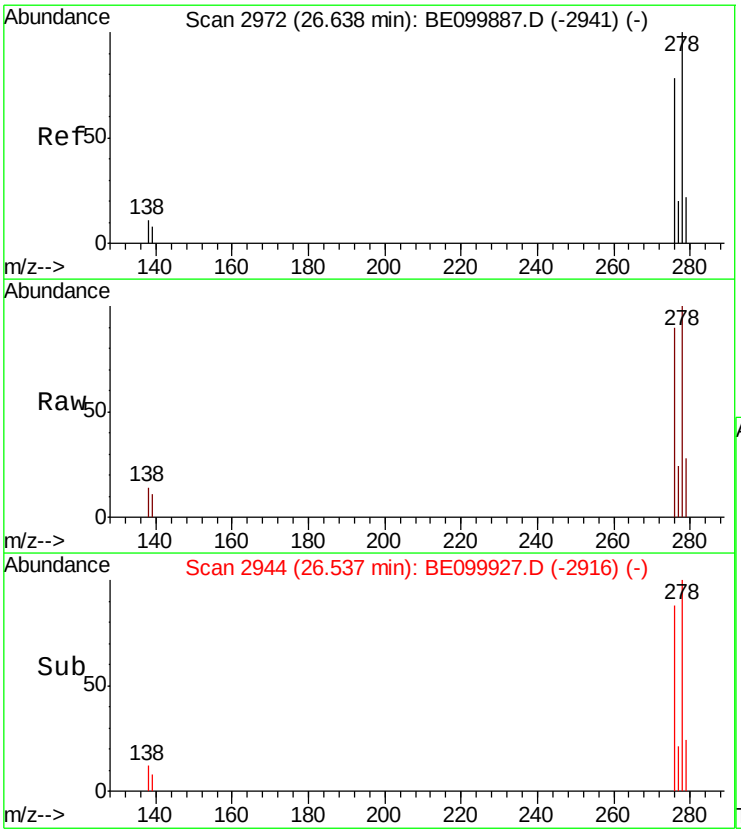
#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.07 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11815

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.6	29.4
125	11.7	6.6	10.0#

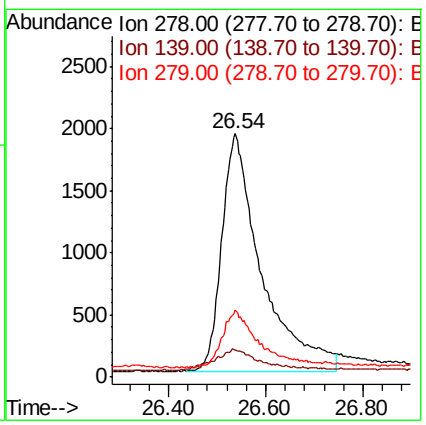


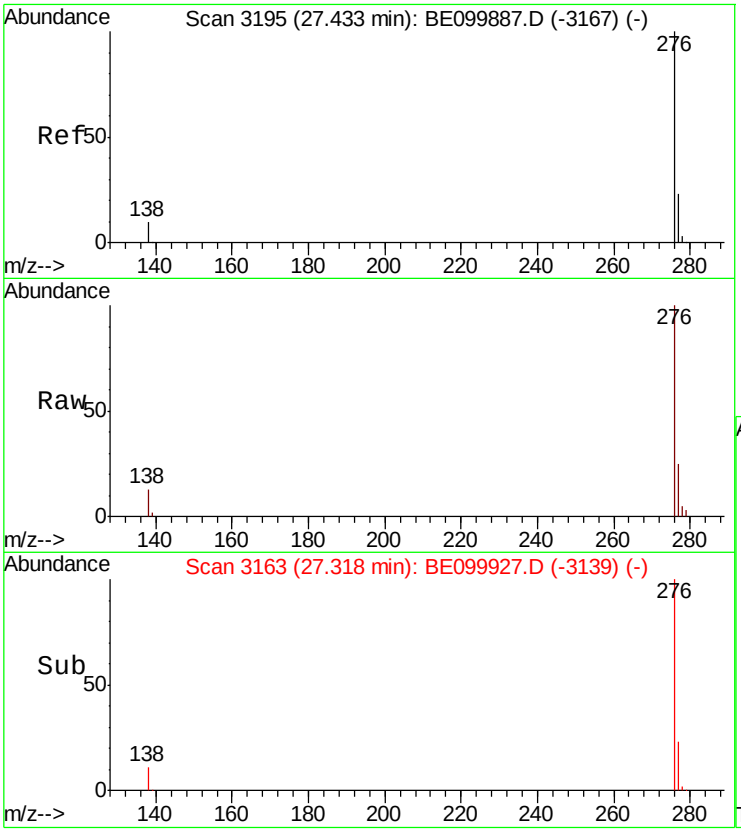


#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.10 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:278 Resp: 10804

Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.8	11.8
279	27.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.396 ng
RT: 27.32 min Scan# 3163
Delta R.T. -0.11 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 12270

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.5	29.3
138	13.3	9.5	14.3