Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
Data File : BE099180.D
Acq On : 25 Mar 2019 13:07
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Mar 25 14:14:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 25 14:07:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3694	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	16590	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	12198	0.40	ng		-0.01
19) Phenanthrene-d10	17.21	188	30438	0.40	ng		0.00
27) Chrysene-d12	21.38	240	36381	0.40	ng		-0.01
34) Perylene-d12	23.90	264	35431	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	17378	1.58	ng		0.00
5) Phenol-d6	6.99	99	27207	1.72	ng		0.00
8) Nitrobenzene-d5	8.99	82	22250	3.07	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	51899	1.74	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	8326	2.32	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	79499	1.64	ng		0.00
25) Fluoranthene-d10	19.24	212	614977	1.51	ng		0.00
29) Terphenyl-d14	19.83	244	128275	1.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	7755	1.353	ng		97
3) n-Nitrosodimethylamine	3.66	42	4713	1.594	ng	#	94
6) bis(2-Chloroethyl)ether	7.26	93	21093	1.639	ng		97
9) Naphthalene	10.68	128	319760	1.636	ng		100
10) Hexachlorobutadiene	10.95	225	16792	1.756	ng		98
12) 2-Methylnaphthalene	12.30	142	57840	1.727	ng		99
16) Acenaphthylene	14.20	152	105343	1.618	ng		100
17) Acenaphthene	14.54	154	60792	1.574	ng		99
18) Fluorene	15.51	166	86184	1.530	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	32935	1.954	ng		99
21) Hexachlorobenzene	16.52	284	32039	2.047	ng		99
22) Pentachlorophenol	16.87	266	4107	0.892	ng		91
23) Phenanthrene	17.25	178	148615	1.644	ng		99
24) Anthracene	17.35	178	138724	1.622	ng		100
26) Fluoranthene	19.27	202	194620	1.530	ng		100
28) Pyrene	19.63	202	196157	1.590	ng		100
30) Benzo(a)anthracene	21.37	228	200529	1.564	ng		99
31) Chrysene	21.41	228	210692	1.645	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	229043	1.377	ng		100
33) Indeno(1,2,3-cd)pyrene	26.56	276	201780	1.465	ng		98
35) Benzo(b)fluoranthene	23.12	252	198351	1.618	ng		98
36) Benzo(k)fluoranthene	23.17	252	206091	1.716	ng		99
37) Benzo(a)pyrene	23.78	252	183776	1.622	ng		98
38) Dibenzo(a,h)anthracene	26.58	278	168470	1.529	ng		99
39) Benzo(g,h,i)perylene	27.38	276	167502	1.480	ng		100

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

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Acq On : 25 Mar 2019 13:07
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Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Mar 25 14:14:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 25 14:07:14 2019
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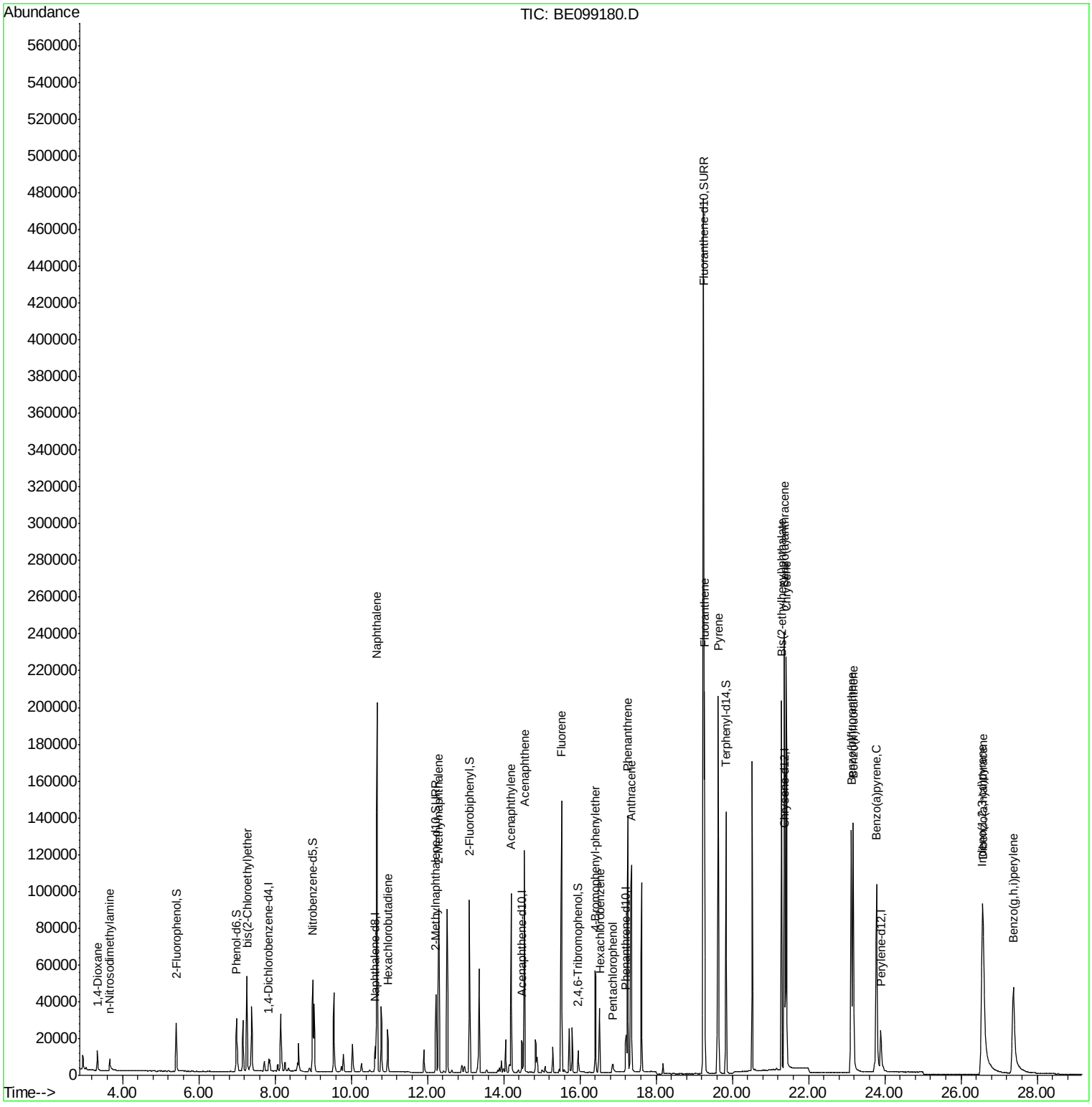
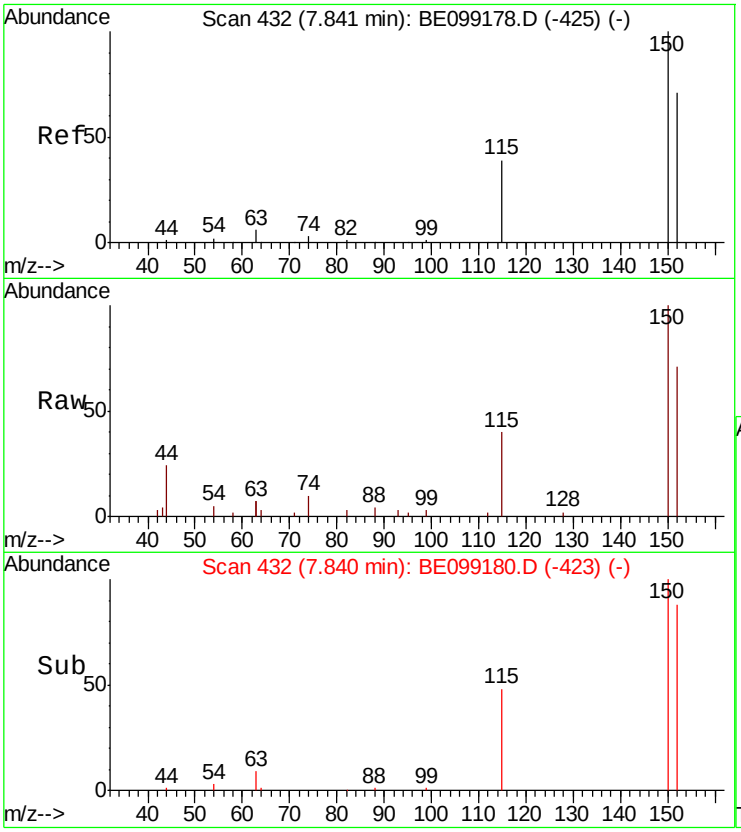


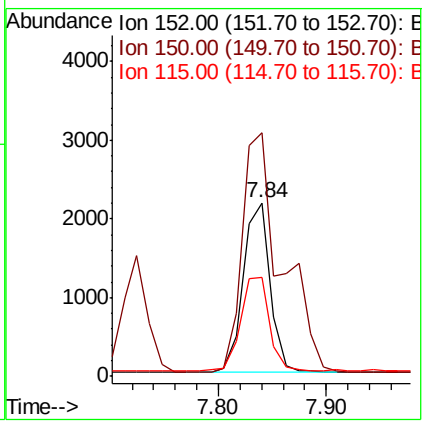


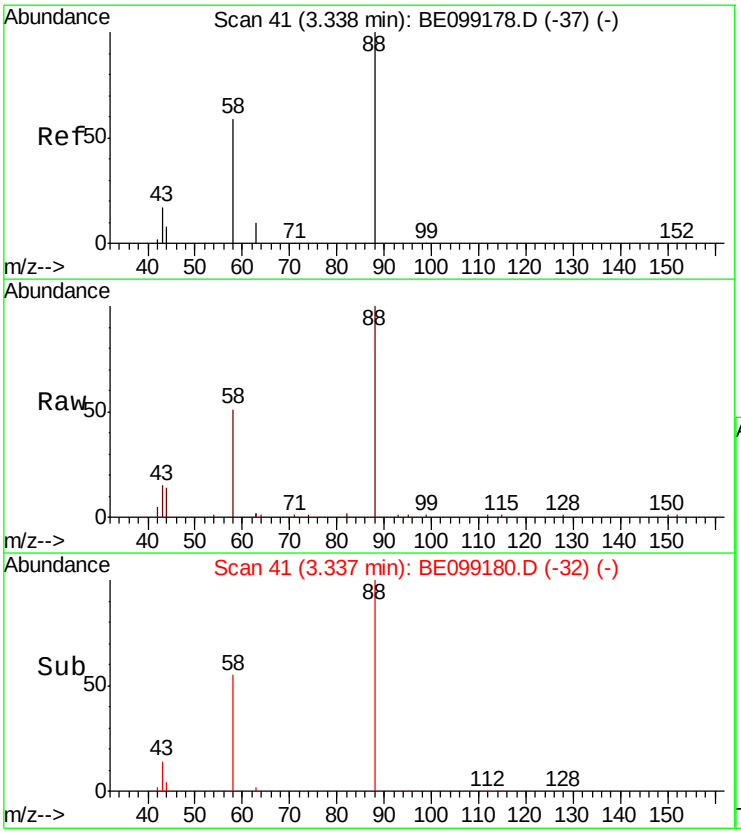
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 3694

Ion	Ratio	Lower	Upper
152	100		
150	140.6	112.8	169.2
115	56.8	45.1	67.7

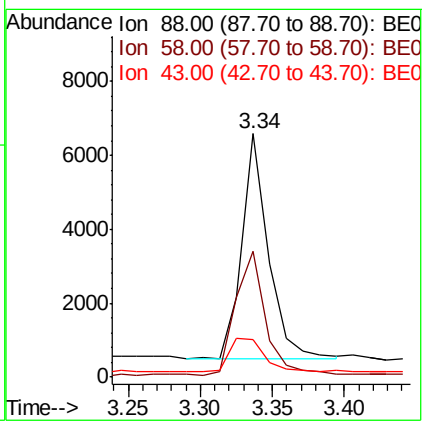


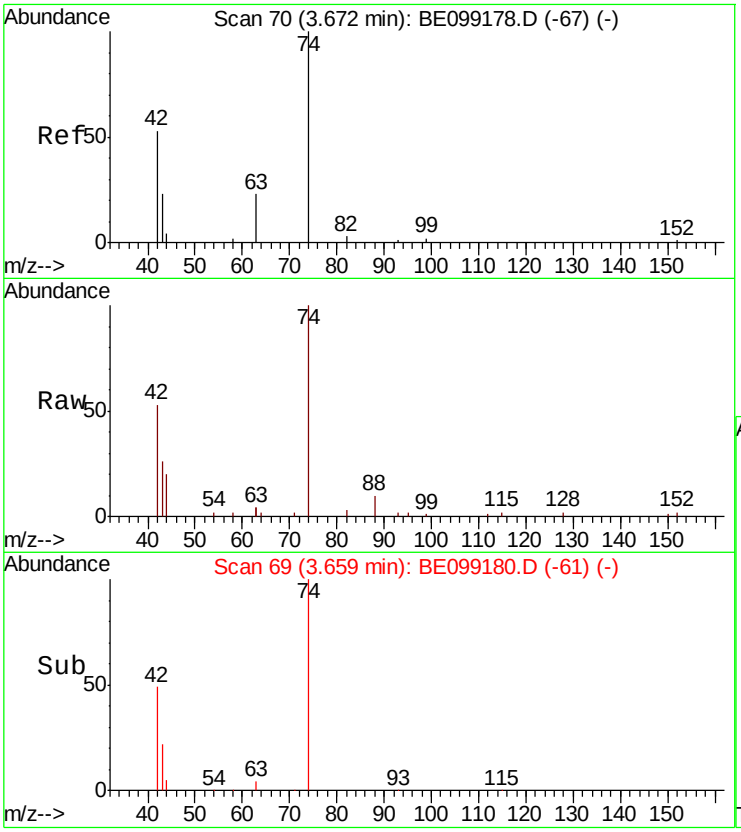


#2
1,4-Dioxane
Concen: 1.353 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 88 Resp: 7755

Ion	Ratio	Lower	Upper
88	100		
58	62.2	47.4	71.0
43	18.7	15.6	23.4



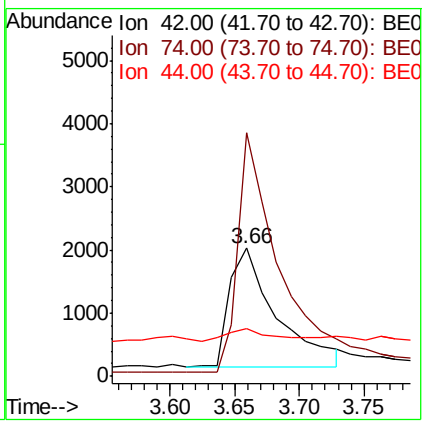


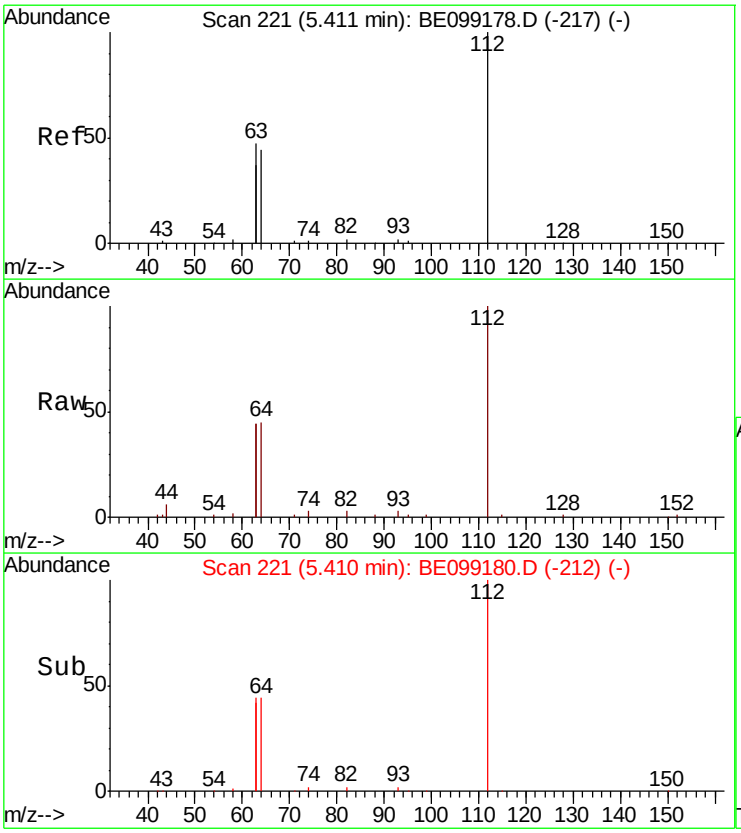
#3
n-Nitrosodimethylamine
Concen: 1.594 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 4713

Ion	Ratio	Lower	Upper
42	100		
74	180.6	138.6	207.8
44	11.2	15.0	22.6#

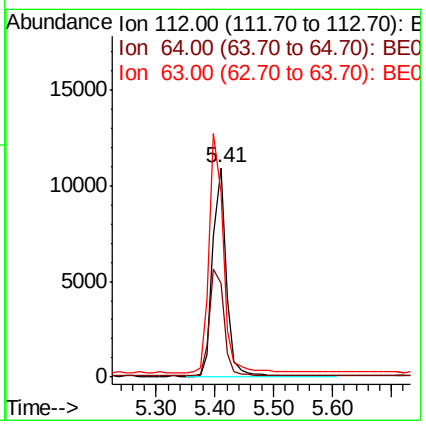


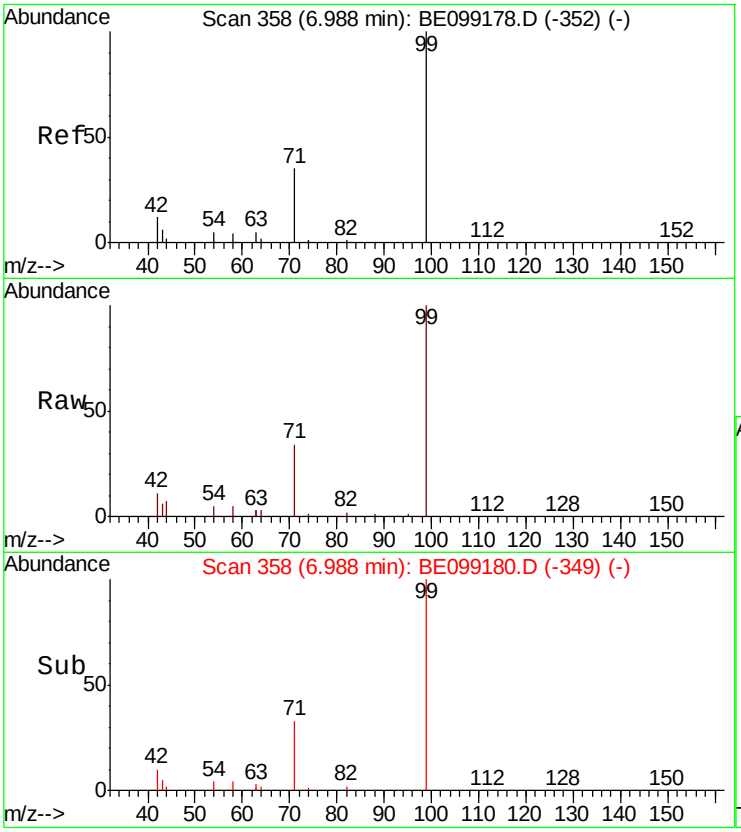


#4
2-Fluorophenol
Concen: 1.580 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:112 Resp: 17378

Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.2	69.2
63	117.5	89.9	134.9



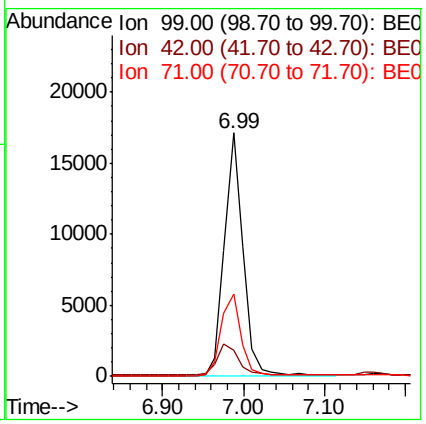


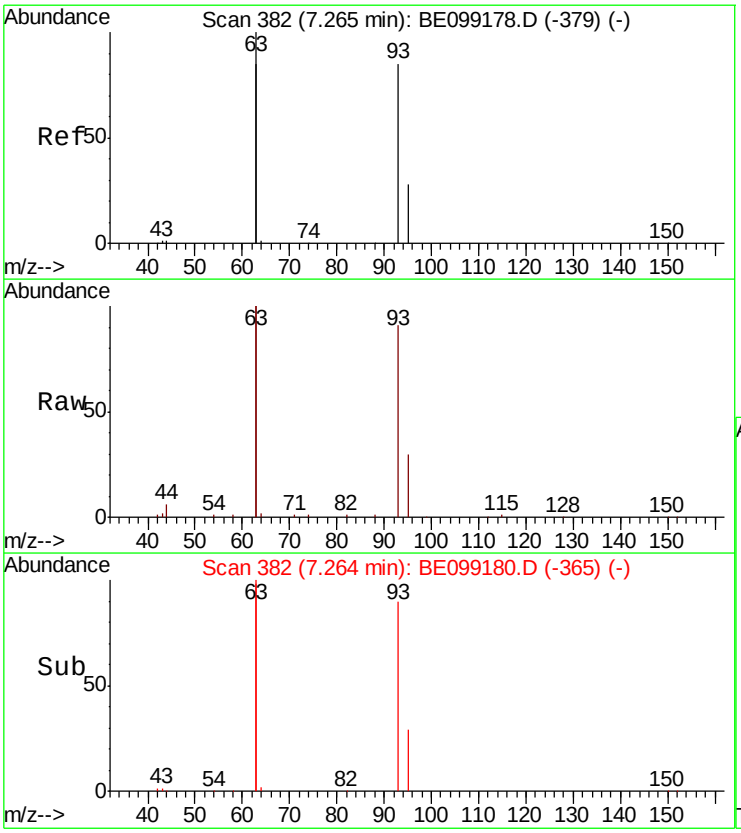
#5
Phenol-d6
Concen: 1.718 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 27207

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.4	18.6
71	35.4	28.4	42.6

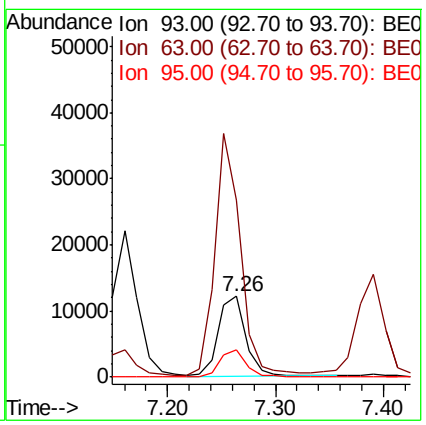


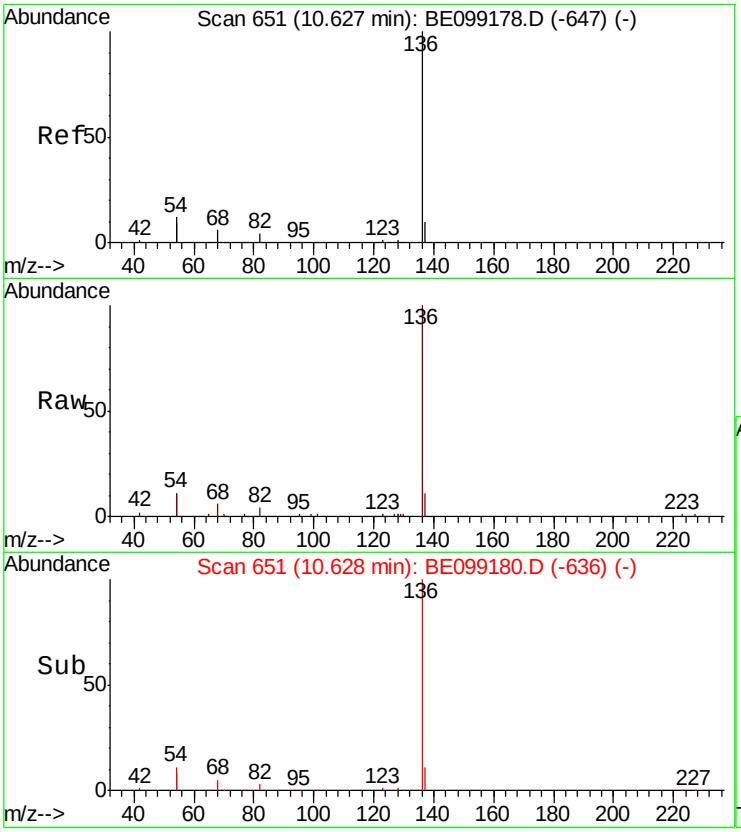


#6
bis(2-Chloroethyl)ether
Concen: 1.639 ng
RT: 7.26 min Scan# 382
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 93 Resp: 21093

Ion	Ratio	Lower	Upper
93	100		
63	282.8	221.4	332.0
95	32.1	25.8	38.8



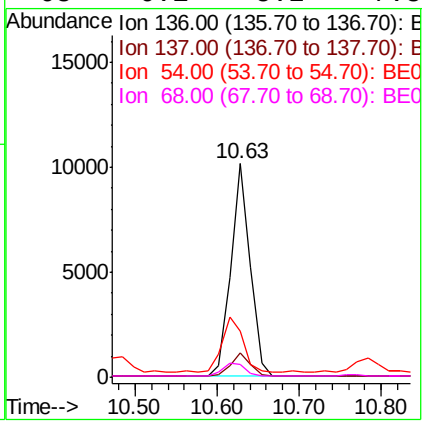


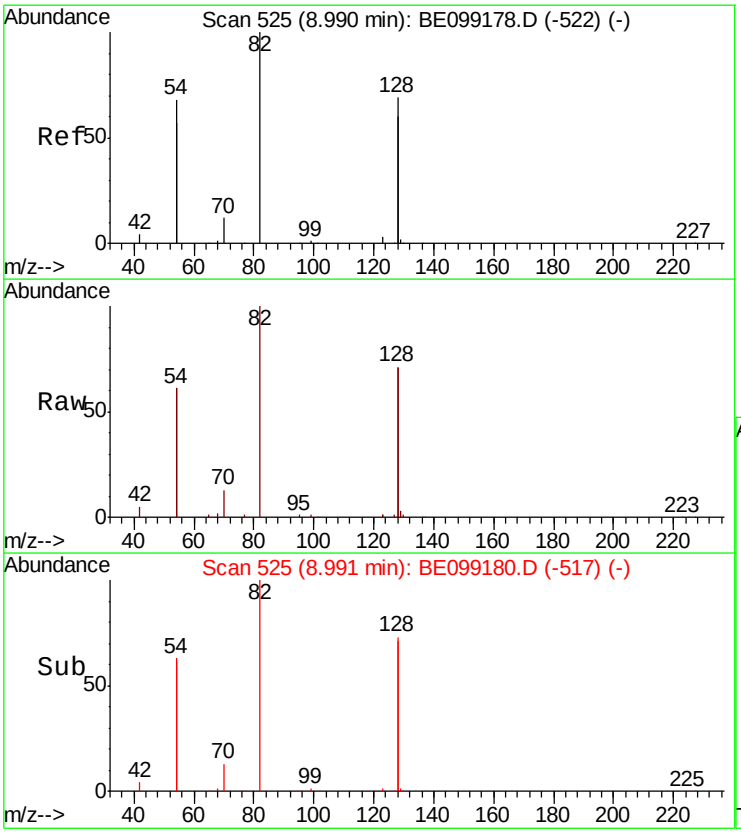
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 16590

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	21.6	18.7	28.1
68	6.1	5.2	7.8

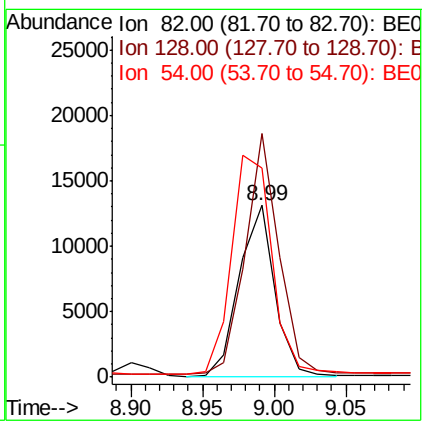


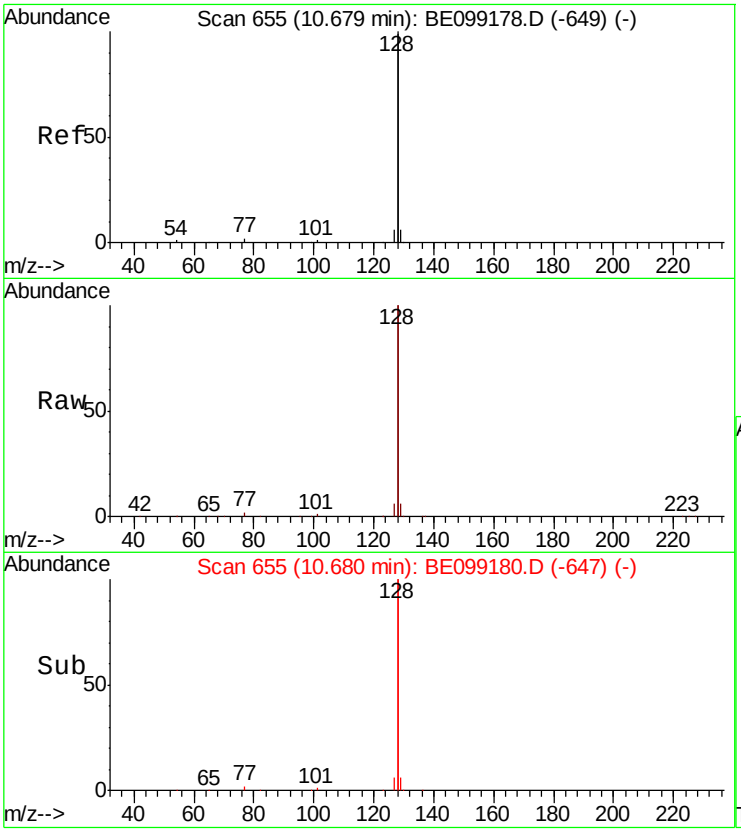


#8
Nitrobenzene-d5
Concen: 3.068 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 82 Resp: 22250

Ion	Ratio	Lower	Upper
82	100		
128	141.8	107.5	161.3
54	121.9	106.3	159.5



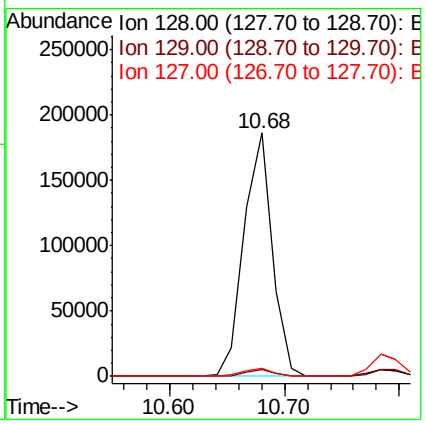


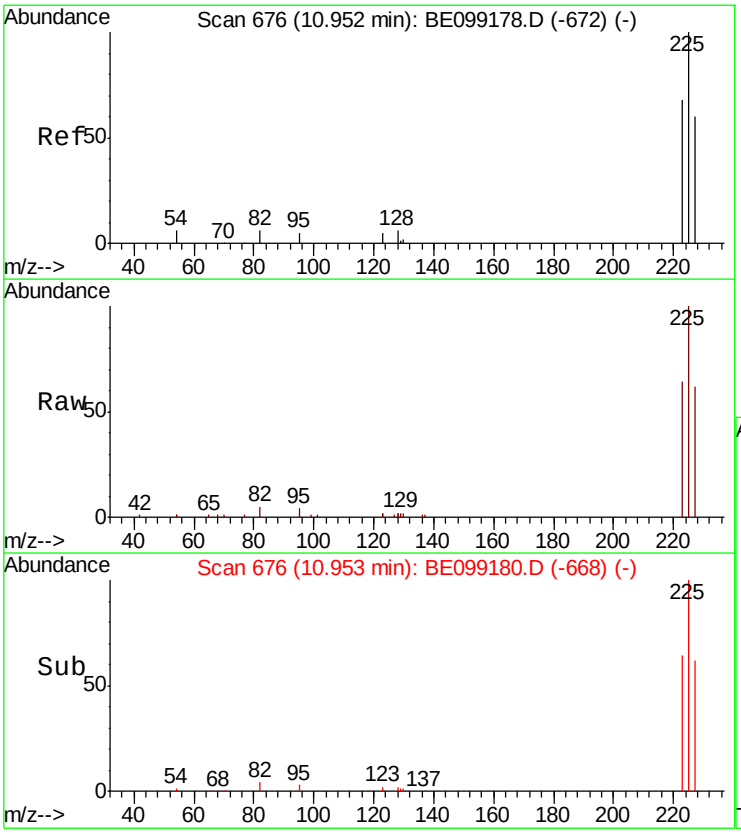
#9
Naphthalene
Concen: 1.636 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 319760

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.1	2.6	3.8

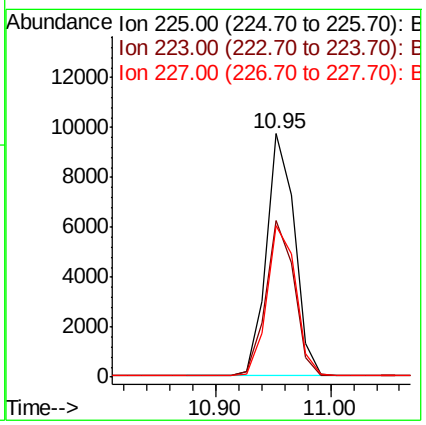


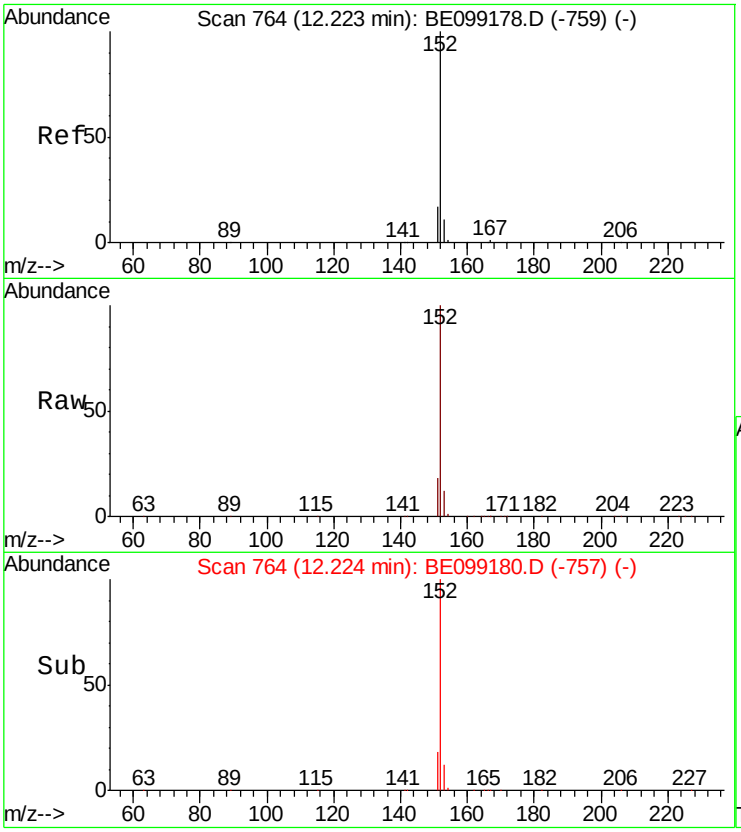


#10
Hexachlorobutadiene
Concen: 1.756 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:225 Resp: 16792

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.3	76.9
227	63.3	48.6	73.0



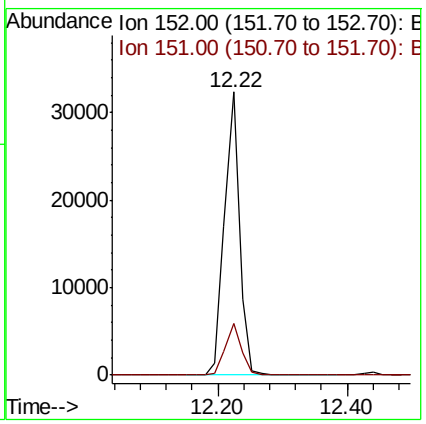


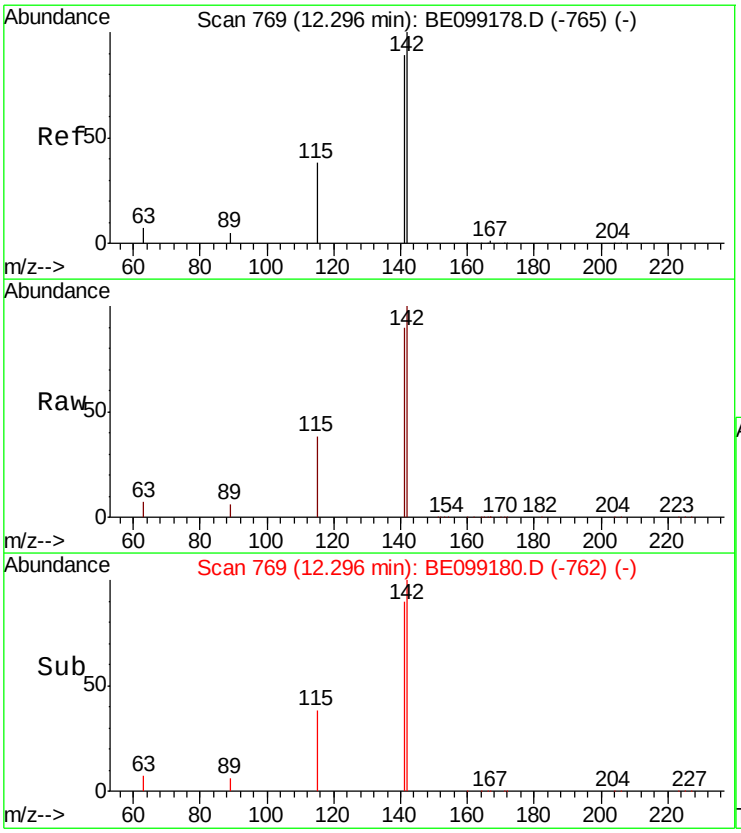
#11
2-Methylnaphthalene-d10
Concen: 1.737 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 51899

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.0	22.6

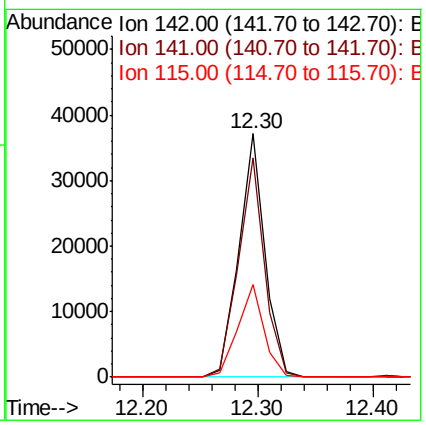


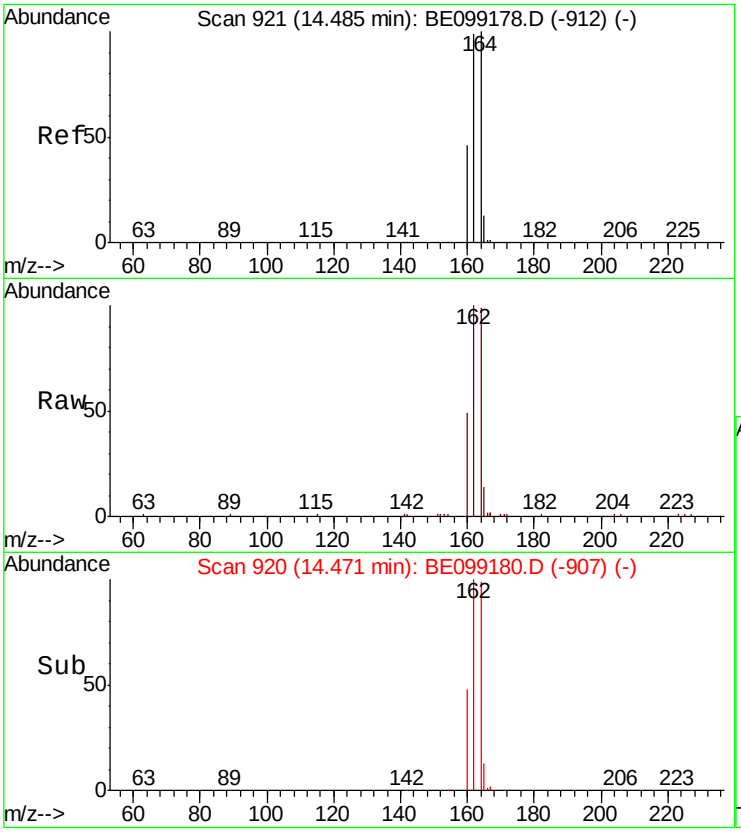


#12
2-Methylnaphthalene
Concen: 1.727 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:142 Resp: 57840

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	38.0	30.4	45.6



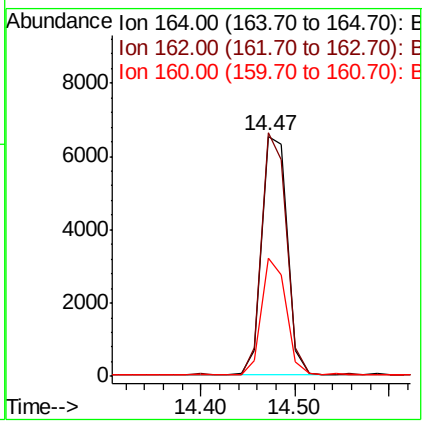


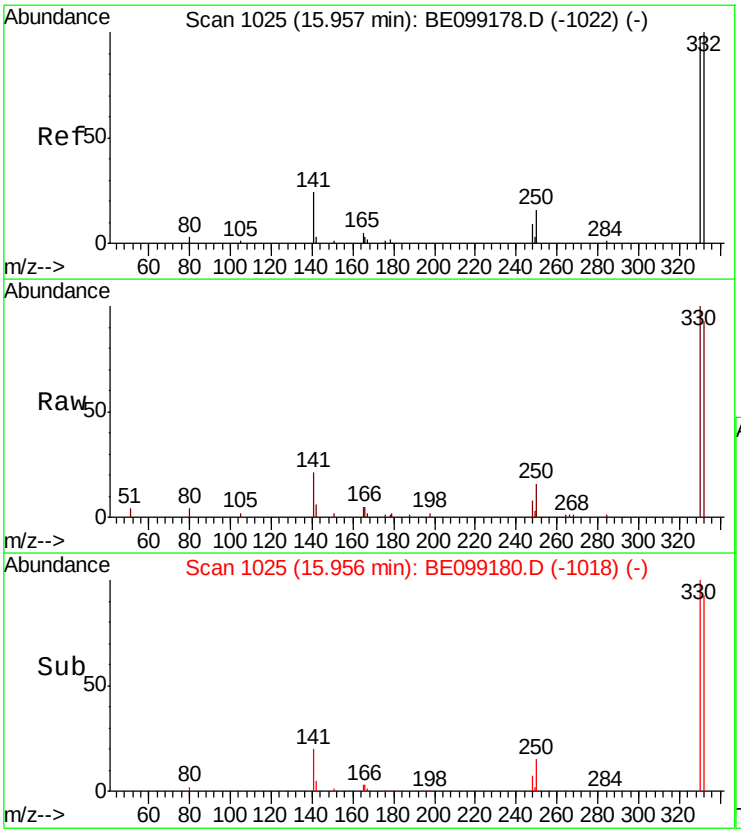
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 12198

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.2	118.8
160	49.2	36.7	55.1

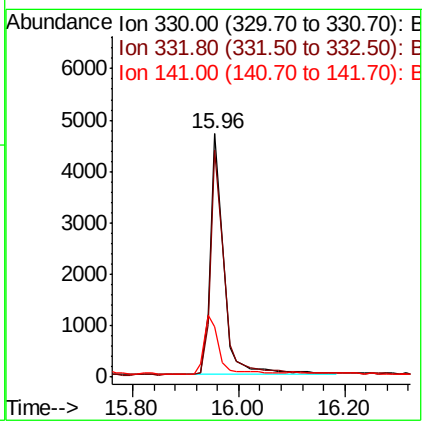


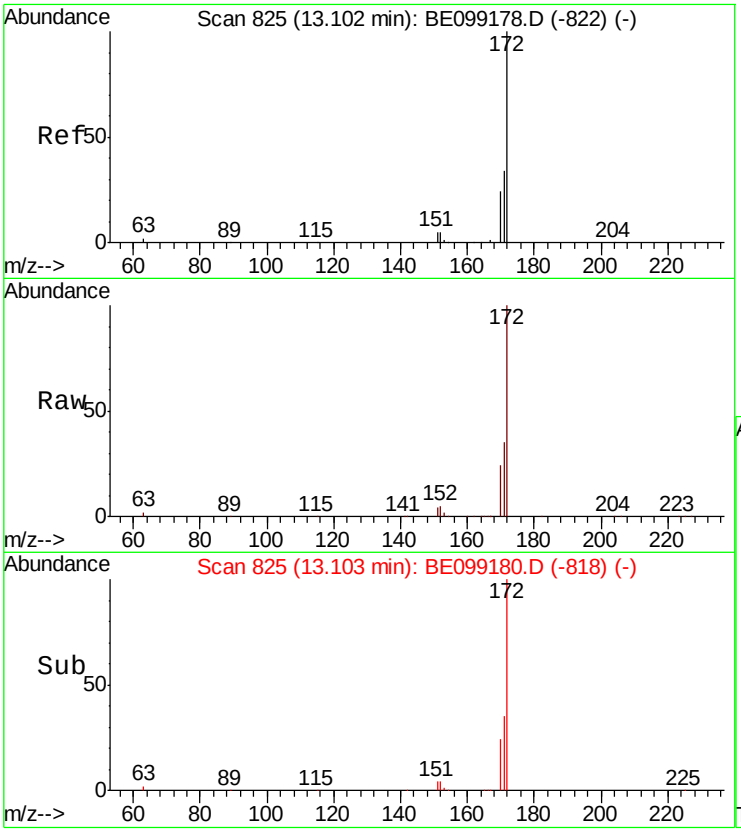


#14
2,4,6-Tribromophenol
Concen: 2.322 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:330 Resp: 8326

Ion	Ratio	Lower	Upper
330	100		
332	95.0	71.3	106.9
141	27.6	21.7	32.5



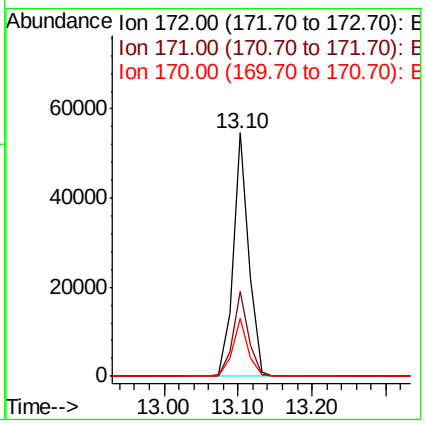


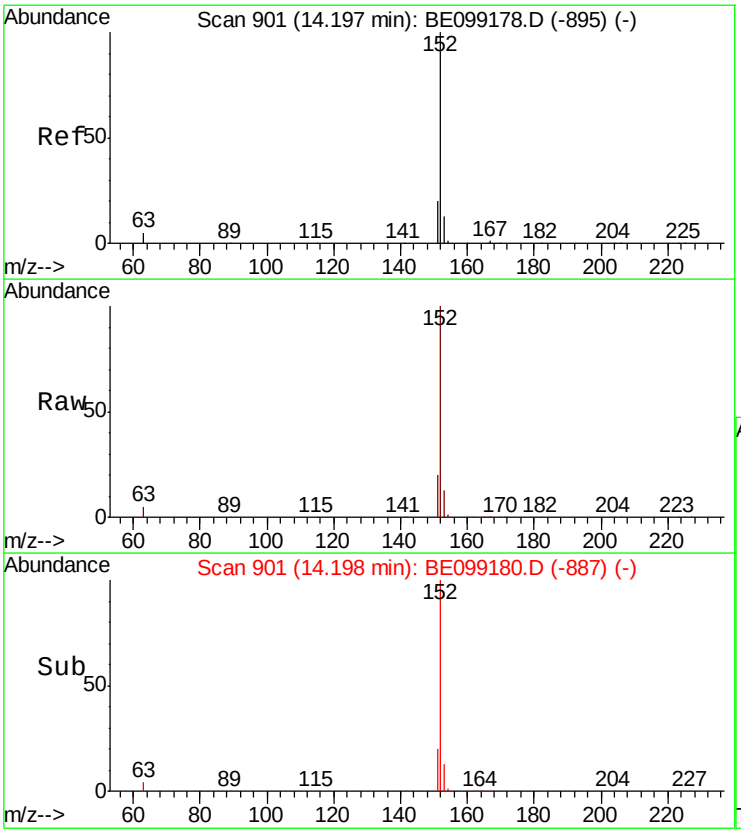
#15
2-Fluorobiphenyl
Concen: 1.639 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 79499

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.0
170	24.0	19.1	28.7

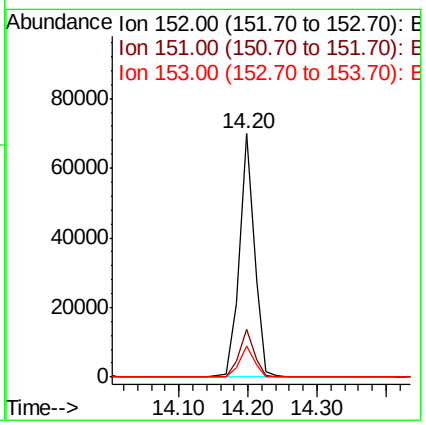


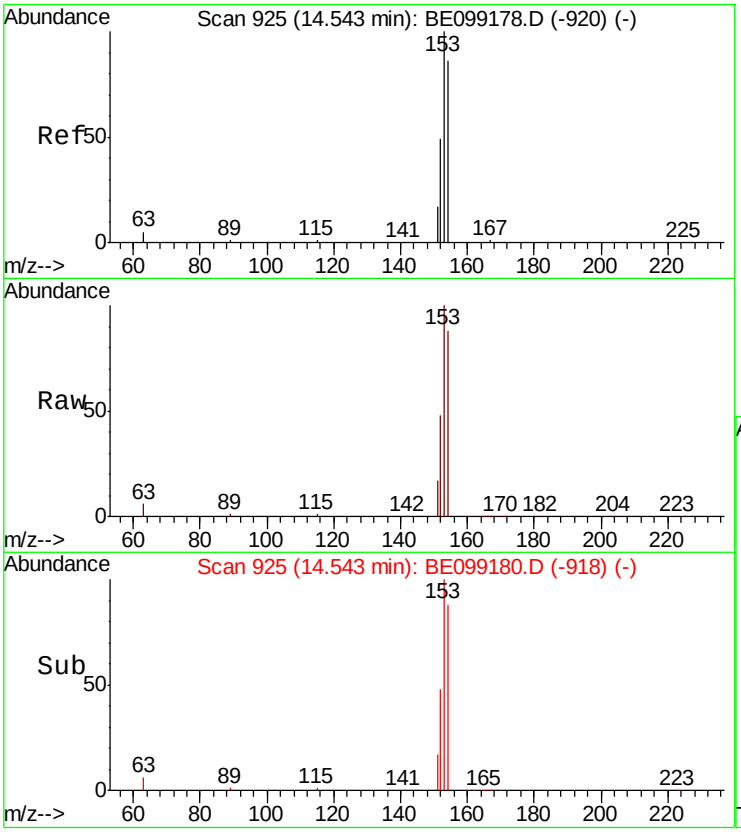


#16
Acenaphthylene
Concen: 1.618 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:152 Resp: 105343

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.9	10.6	15.8



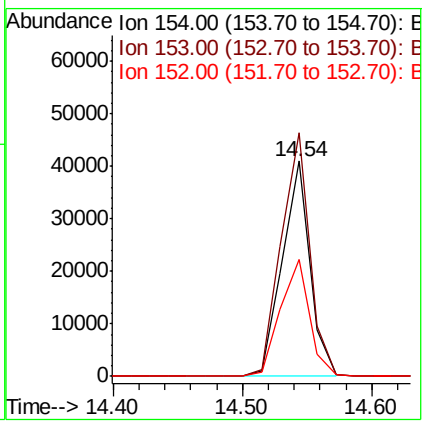


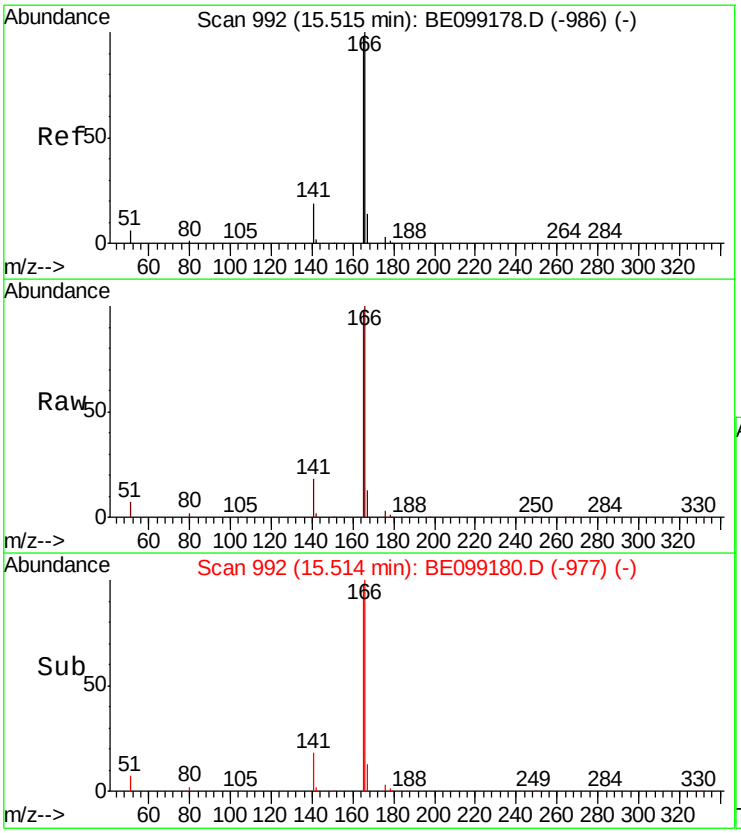
#17
Acenaphthene
Concen: 1.574 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 60792

Ion	Ratio	Lower	Upper
154	100		
153	116.3	93.4	140.0
152	56.7	46.6	69.8

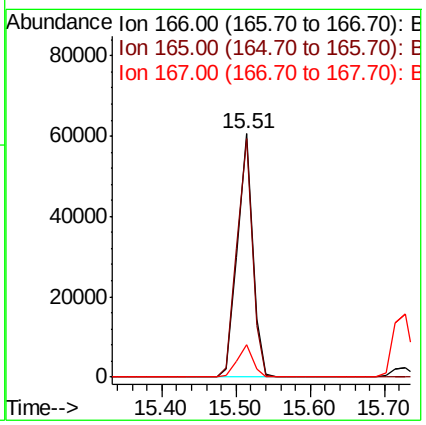


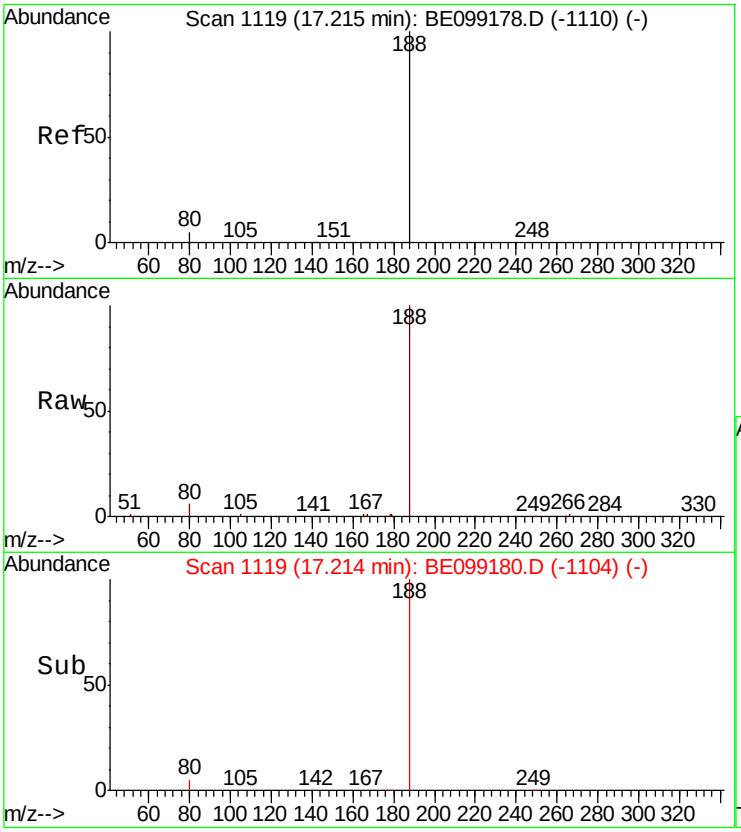


#18
Fluorene
Concen: 1.530 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:166 Resp: 86184

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.9	118.3
167	13.3	10.9	16.3



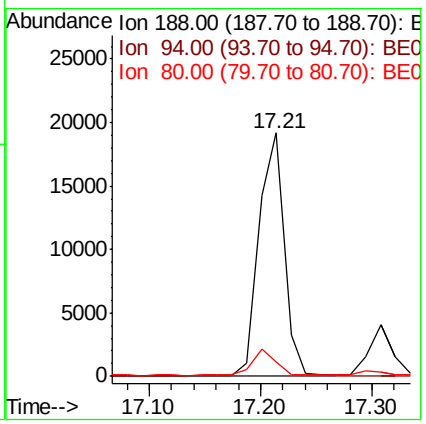


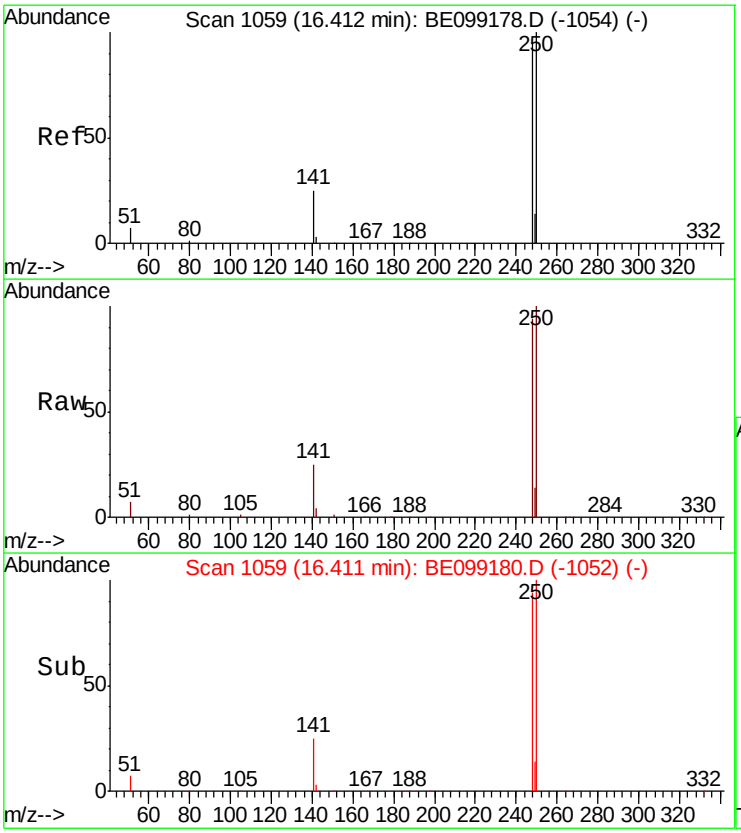
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 30438

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	4.5	6.7

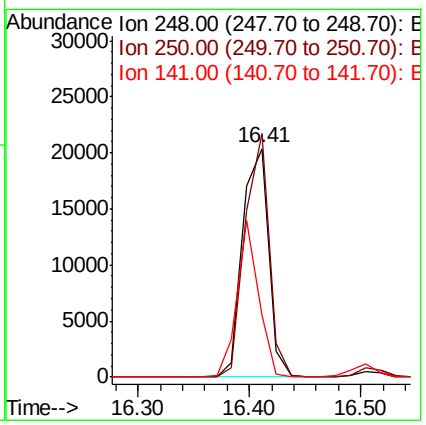


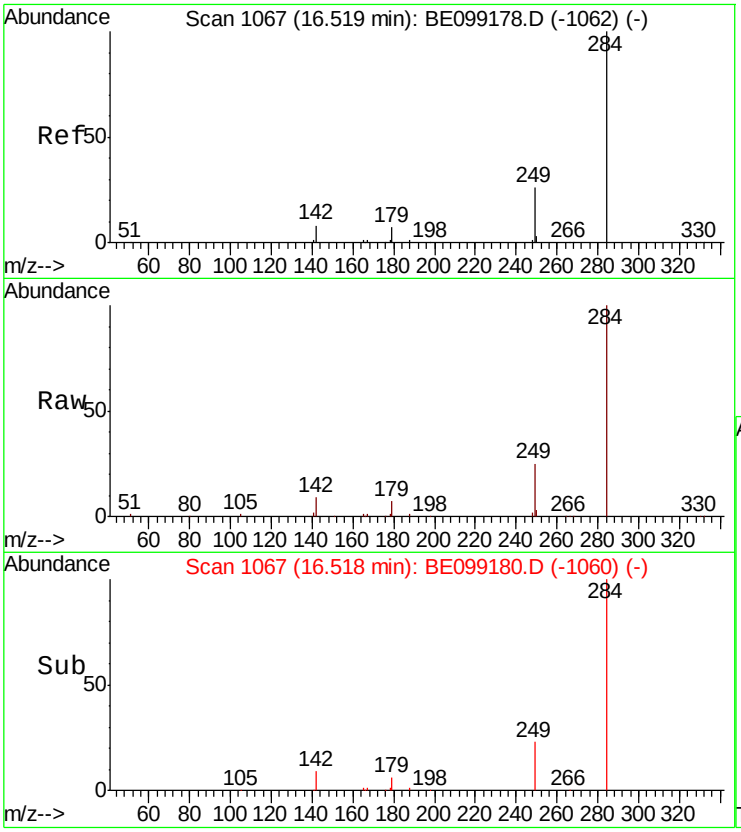


#20
4-Bromophenyl-phenylether
Concen: 1.954 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:248 Resp: 32935

Ion	Ratio	Lower	Upper
248	100		
250	106.6	84.2	126.2
141	27.1	21.8	32.6



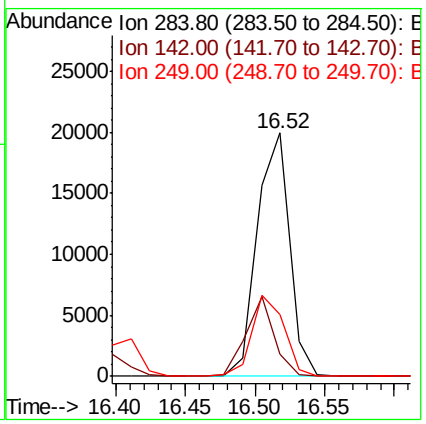


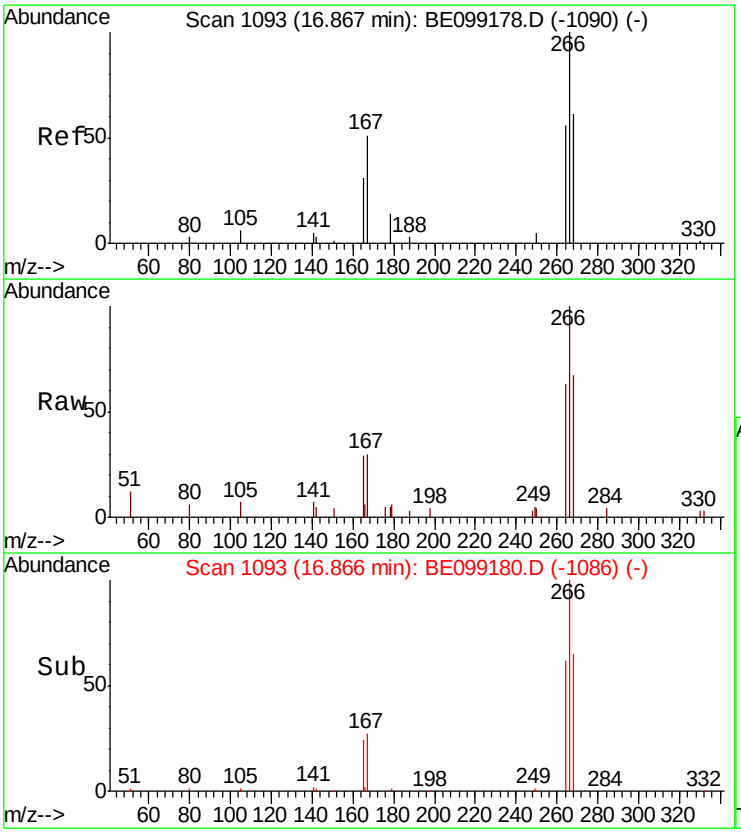
#21
Hexachlorobenzene
Concen: 2.047 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 32039

Ion	Ratio	Lower	Upper
284	100		
142	28.4	22.7	34.1
249	32.6	26.9	40.3

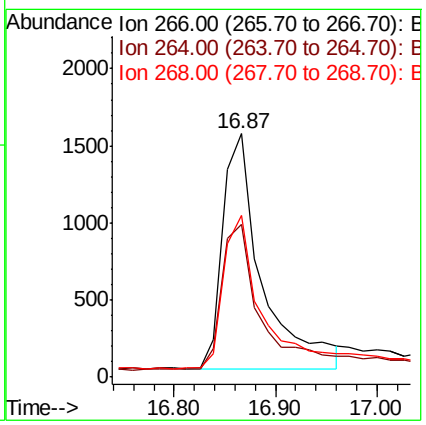


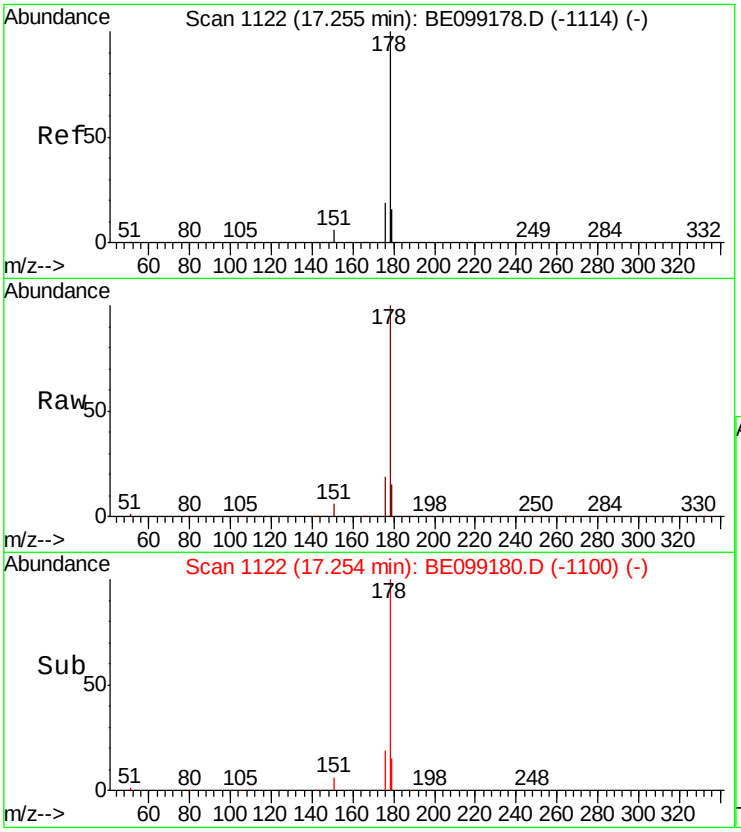


#22
Pentachlorophenol
Concen: 0.892 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:266 Resp: 4107

Ion	Ratio	Lower	Upper
266	100		
264	62.5	54.4	81.6
268	66.7	61.3	91.9



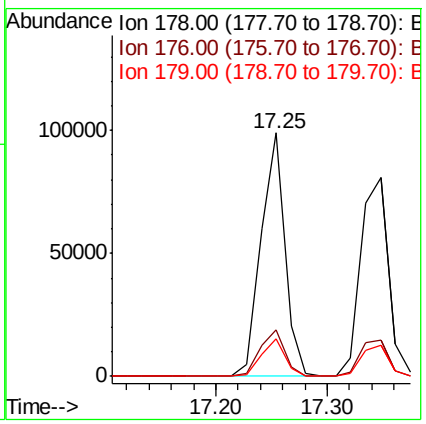


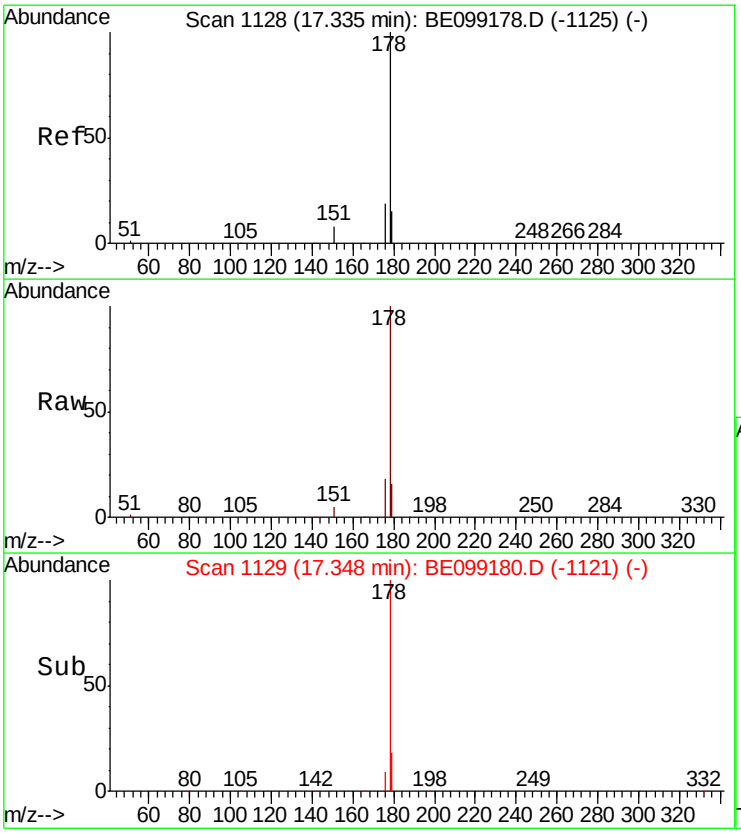
#23
Phenanthrene
Concen: 1.644 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 148615

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.2	12.3	18.5

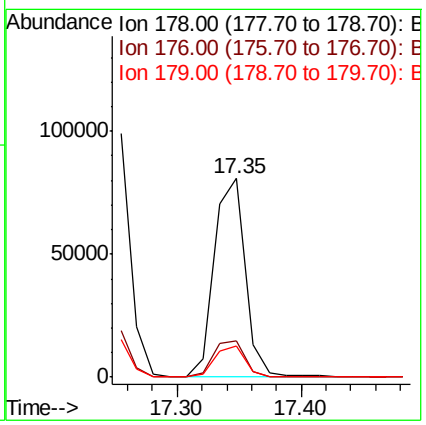


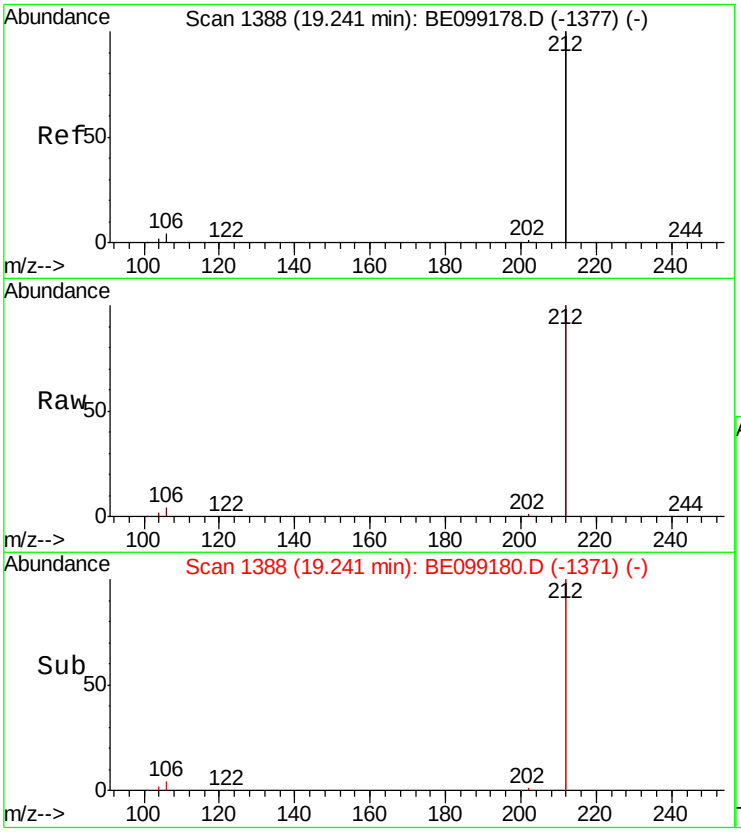


#24
Anthracene
Concen: 1.622 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:178 Resp: 138724

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.5	12.4	18.6



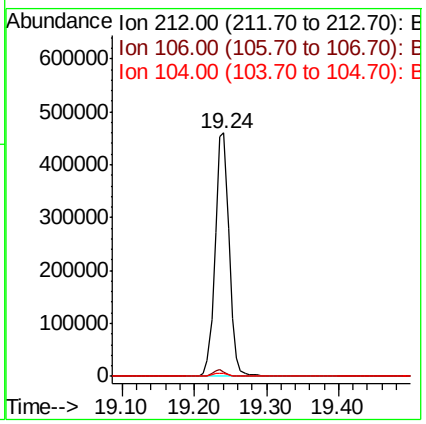


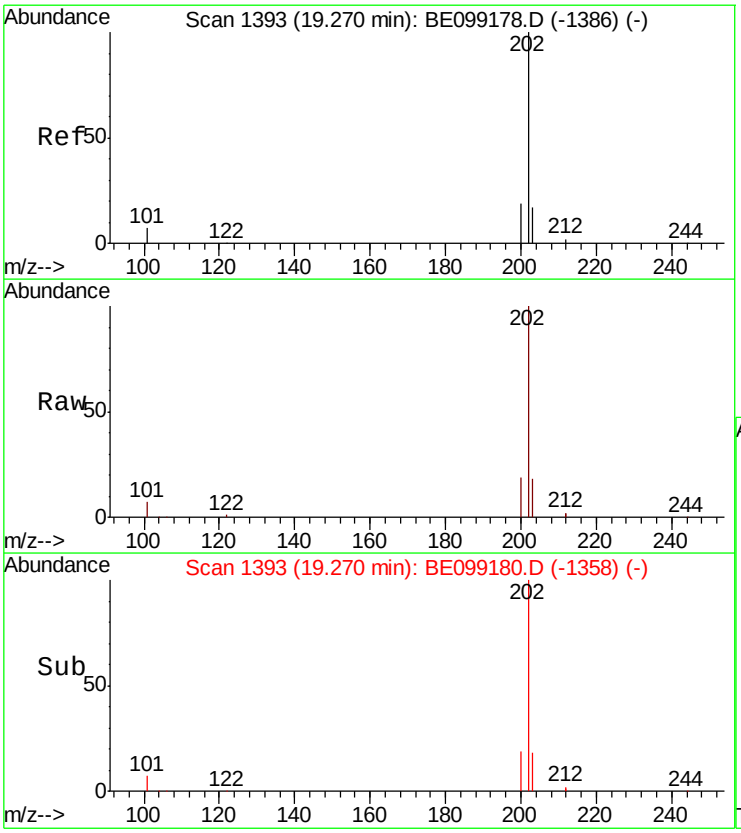
#25
Fluoranthene-d10
Concen: 1.514 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 614977

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.4	1.1	1.7

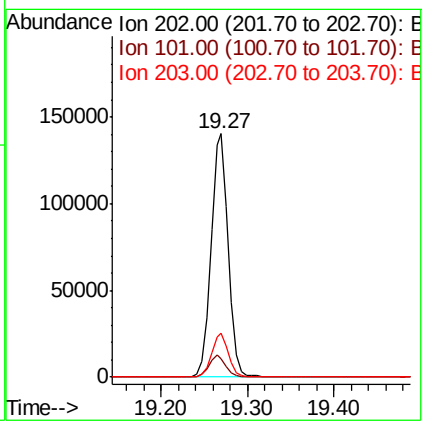


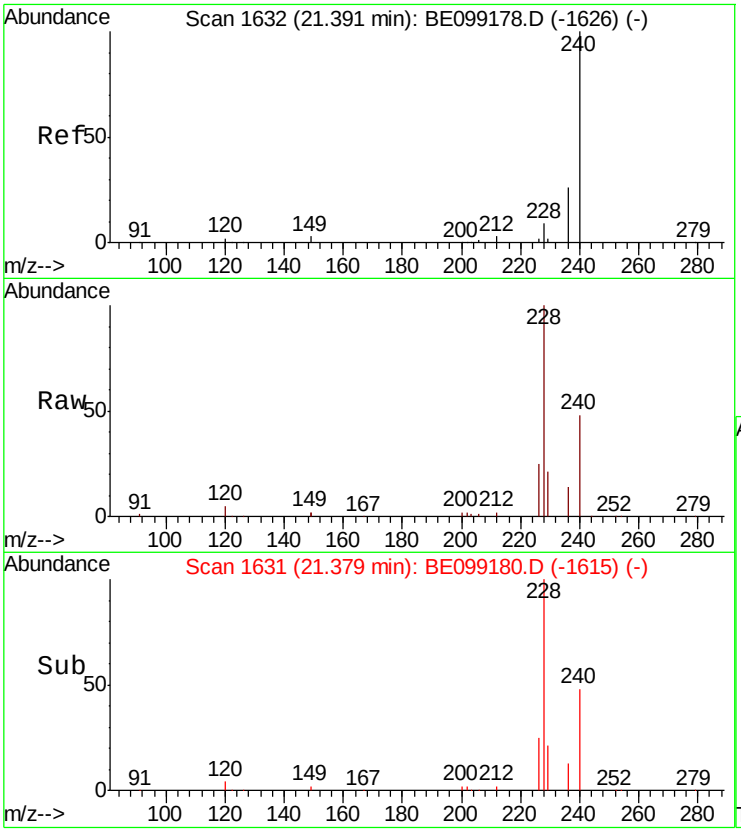


#26
Fluoranthene
Concen: 1.530 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:202 Resp: 194620

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
203	17.4	13.8	20.6



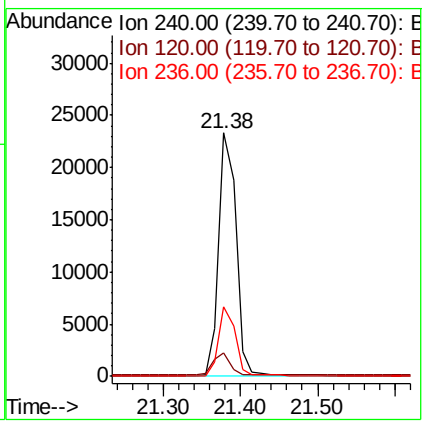


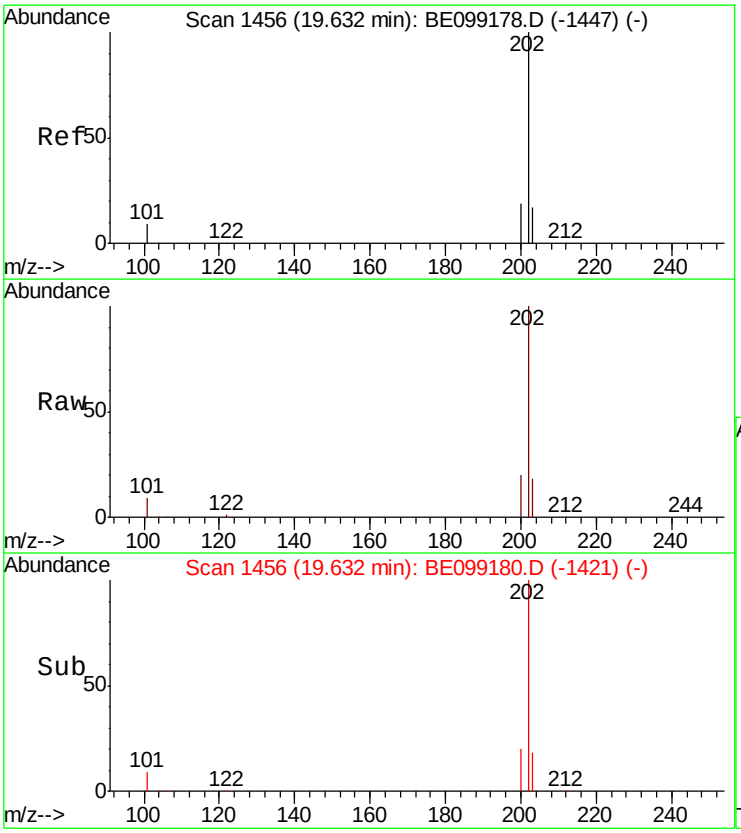
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 36381

Ion	Ratio	Lower	Upper
240	100		
120	9.7	2.6	3.8#
236	28.4	20.9	31.3

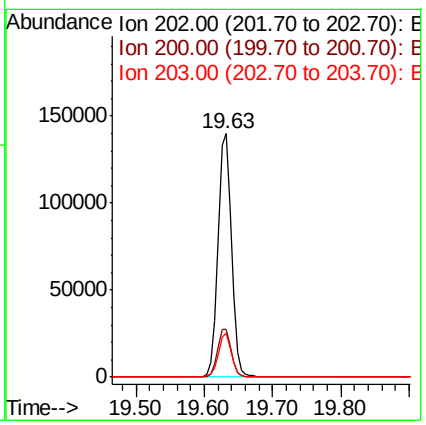


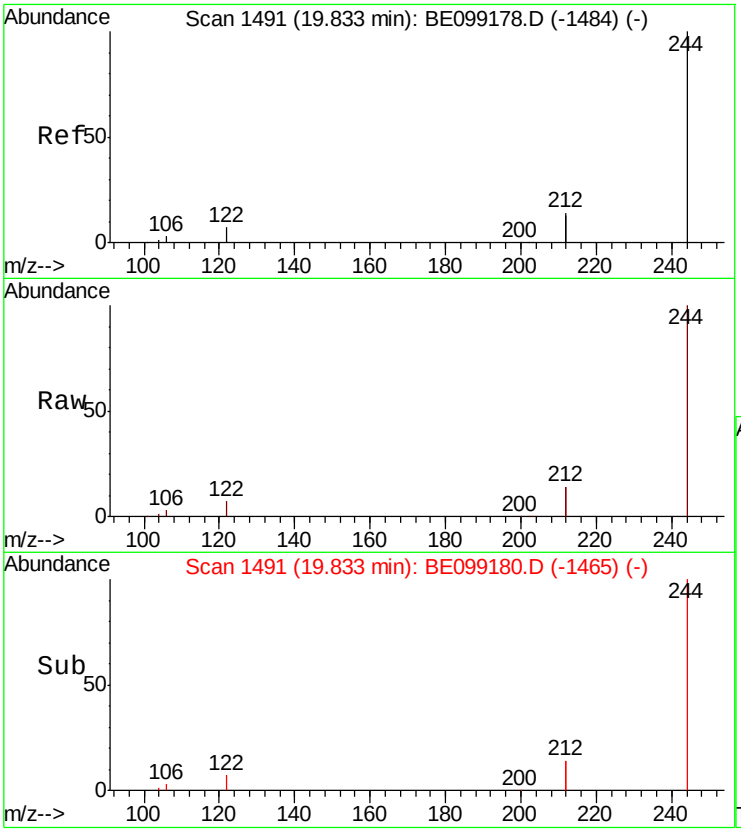


#28
Pyrene
Concen: 1.590 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:202 Resp: 196157

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.8	23.8
203	17.5	14.1	21.1



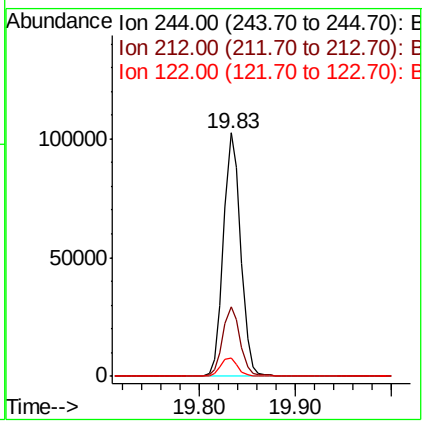


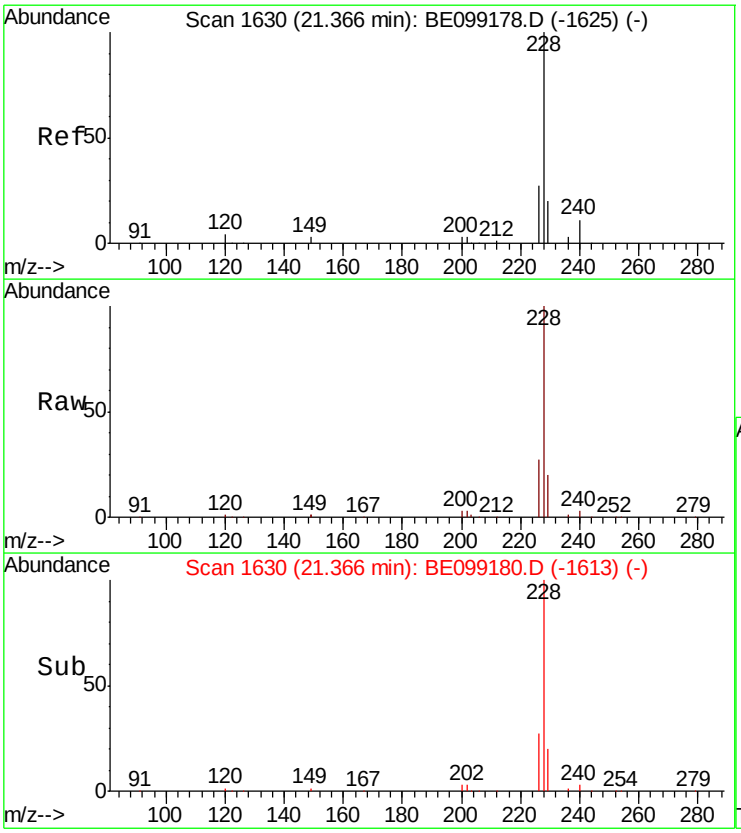
#29
Terphenyl-d14
Concen: 1.666 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 128275

Ion	Ratio	Lower	Upper
244	100		
212	28.4	22.7	34.1
122	7.4	5.8	8.6

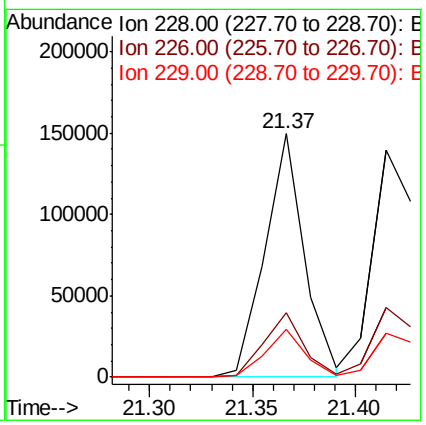


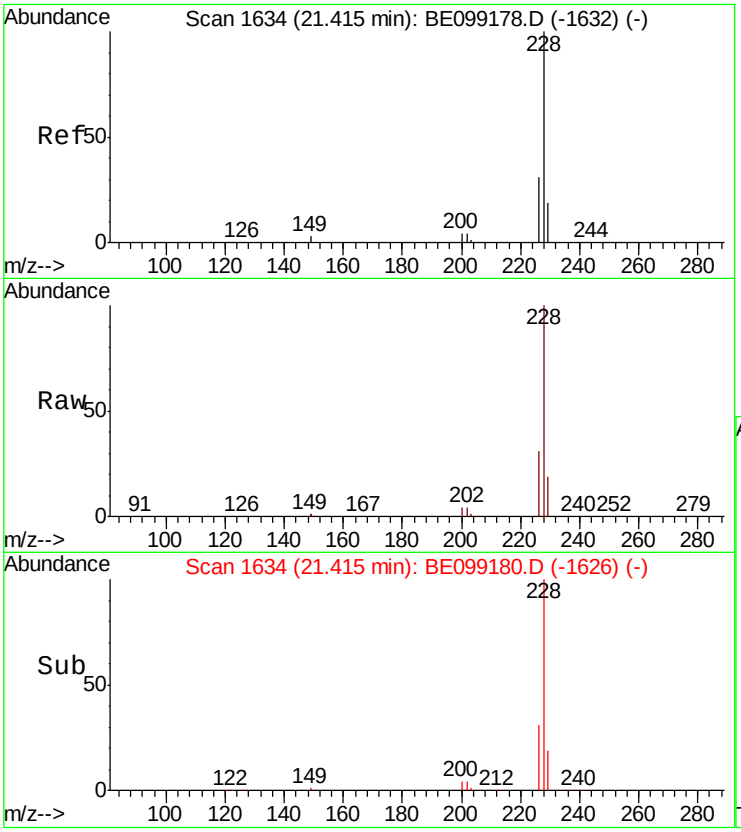


#30
Benzo(a)anthracene
Concen: 1.564 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:228 Resp: 200529

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.9	15.9	23.9



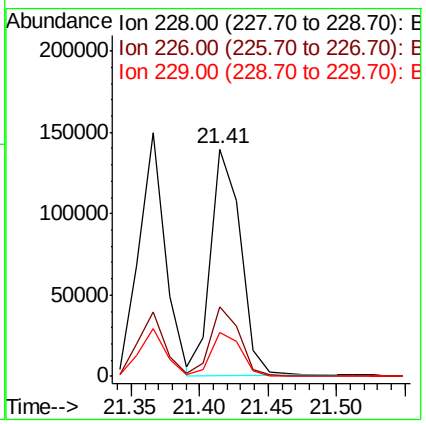


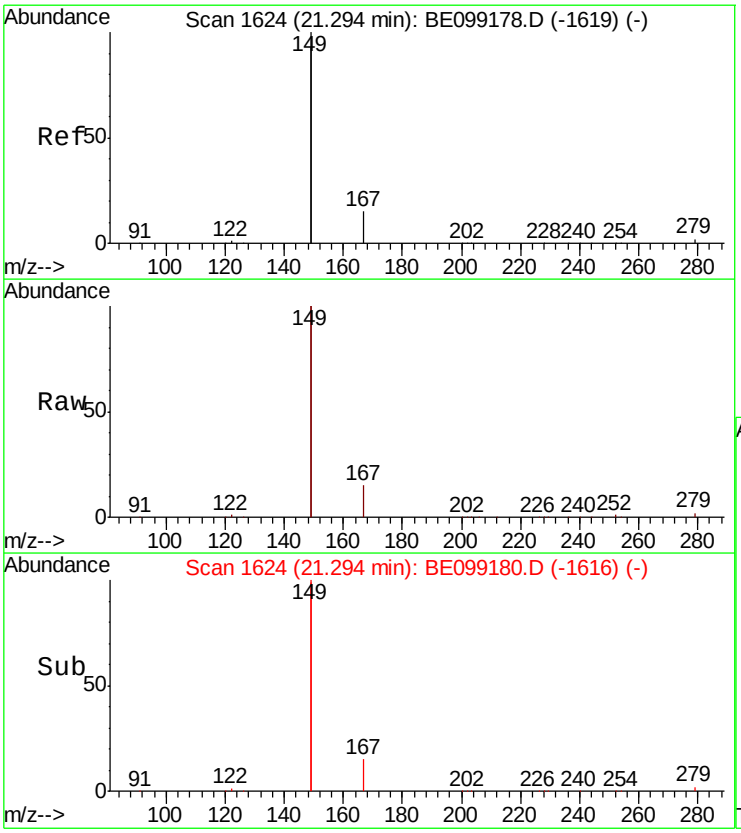
#31
Chrysene
Concen: 1.645 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 210692

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	19.2	15.4	23.0

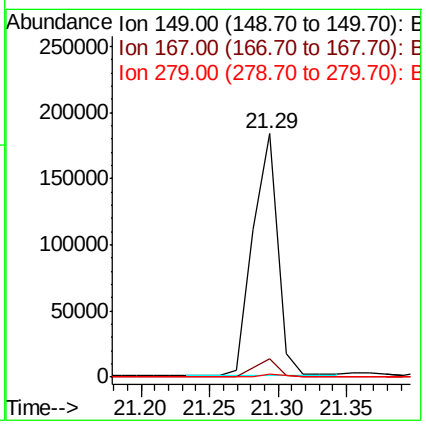


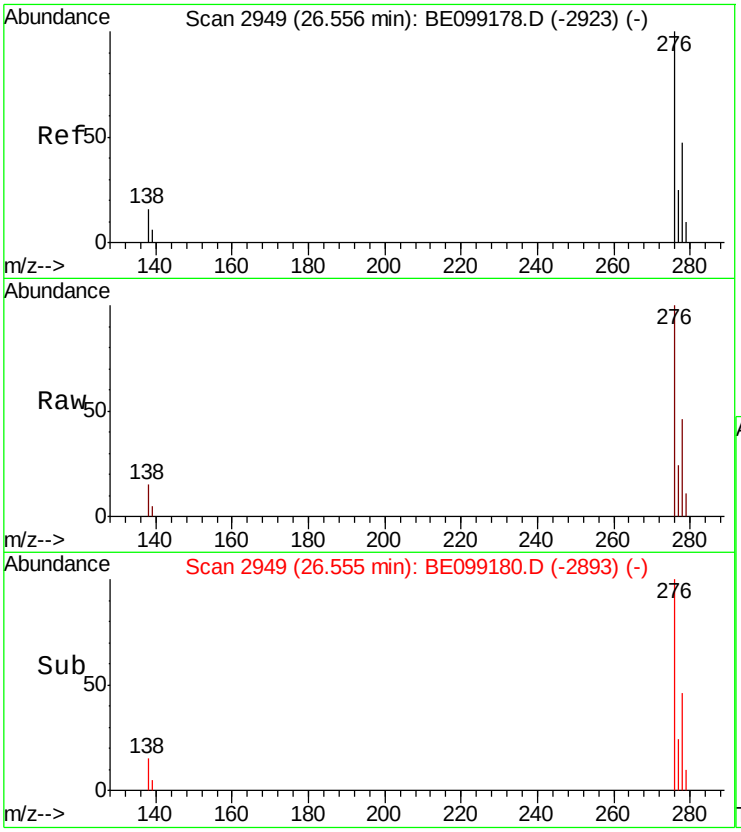


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.377 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:149 Resp: 229043

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.1	1.0	1.6



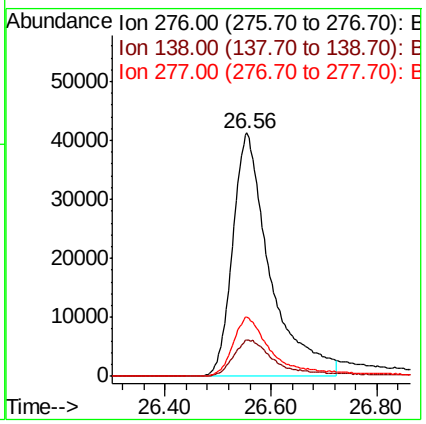


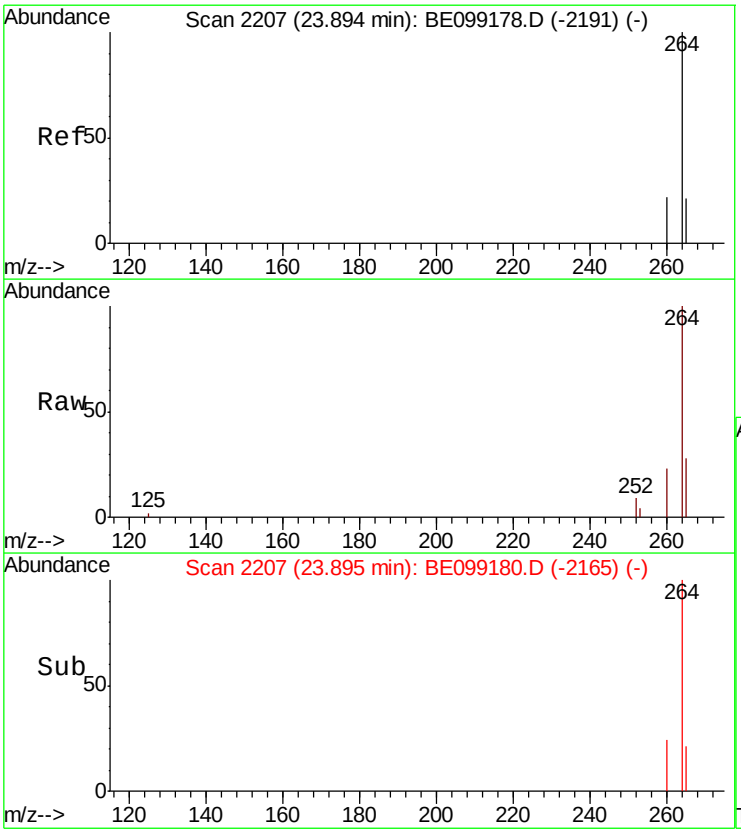
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.465 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 201780

Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.9	19.3
277	24.6	18.3	27.5

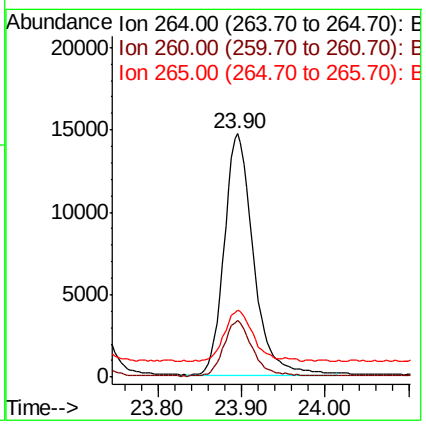


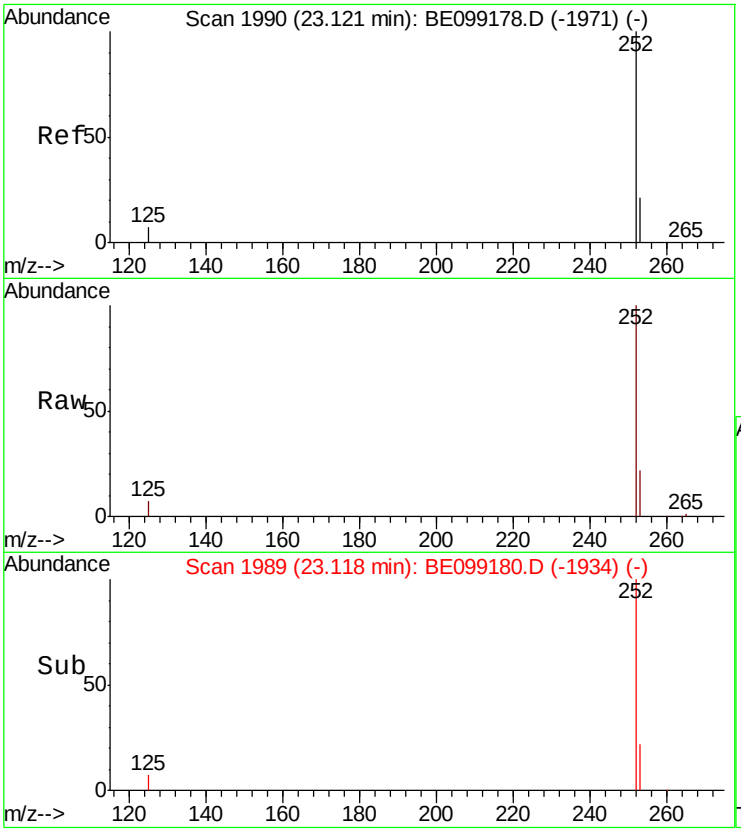


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:264 Resp: 35431

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	27.6	21.8	32.8



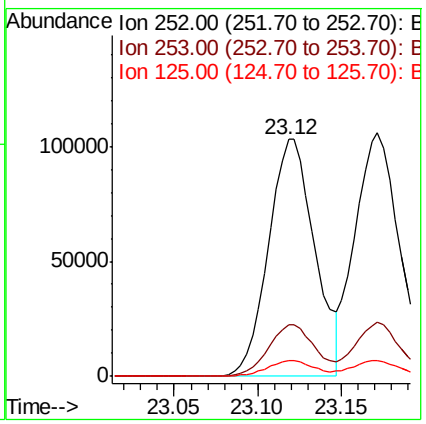


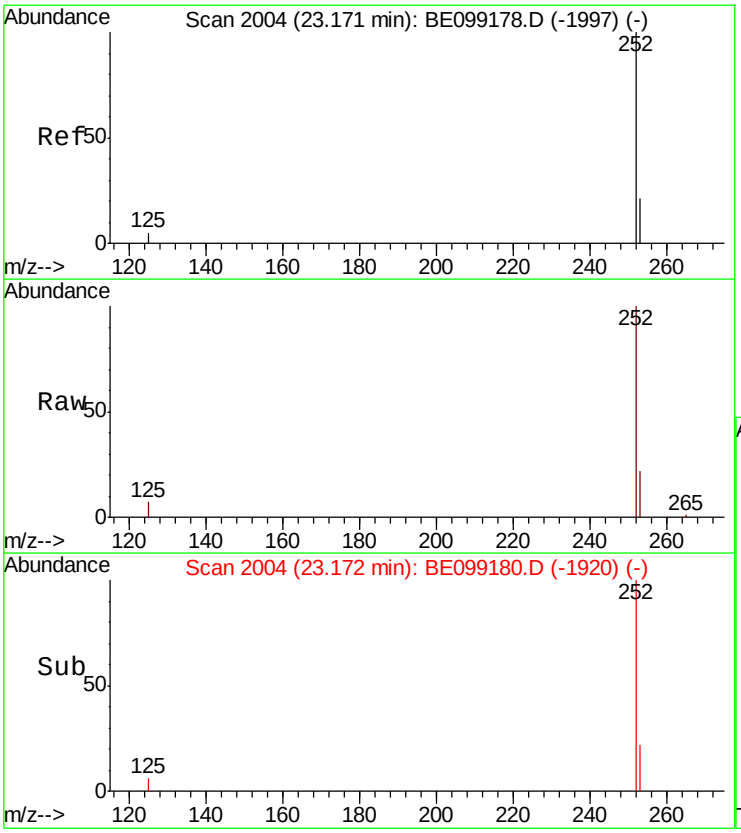
#35
Benzo(b)fluoranthene
Concen: 1.618 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 198351

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	6.8	6.1	9.1

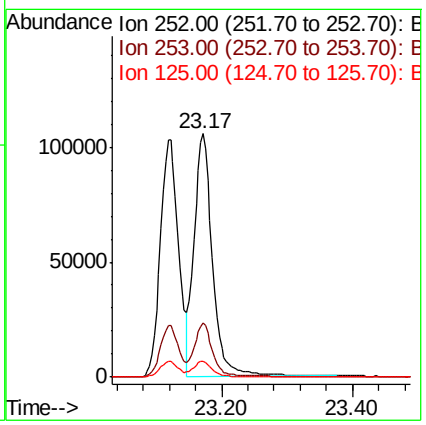


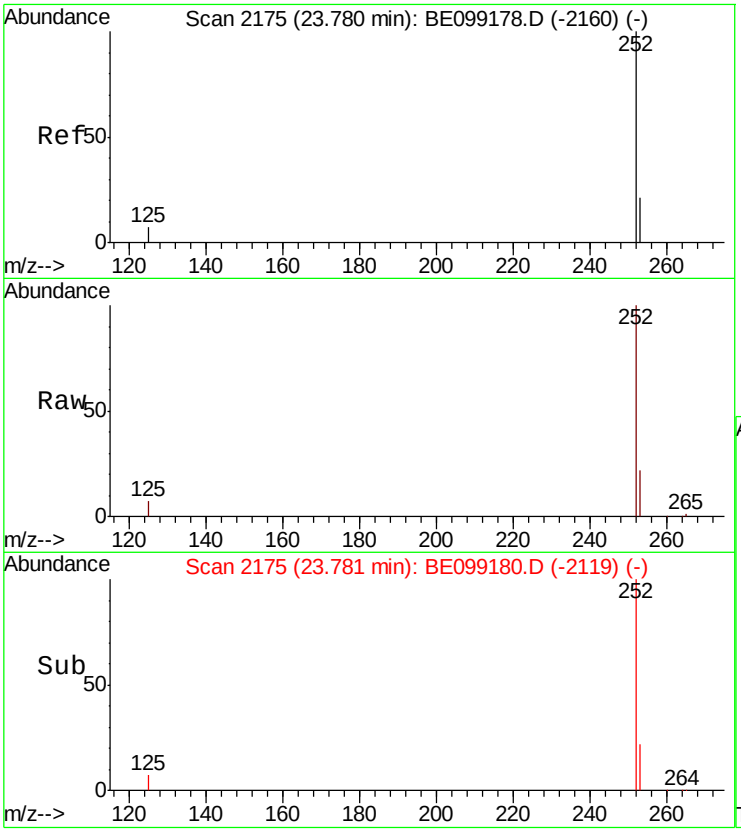


#36
Benzo(k)fluoranthene
Concen: 1.716 ng
RT: 23.17 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:252 Resp: 206091

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	6.6	5.9	8.9



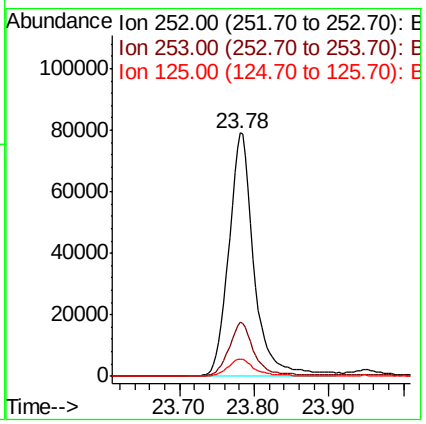


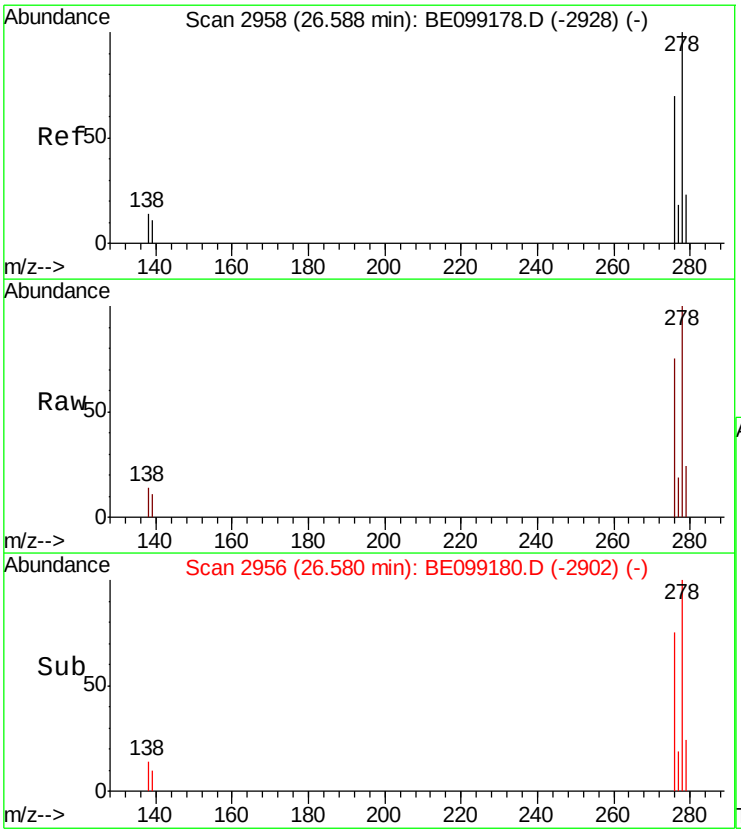
#37
Benzo(a)pyrene
Concen: 1.622 ng
RT: 23.78 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 183776

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	7.2	6.8	10.2

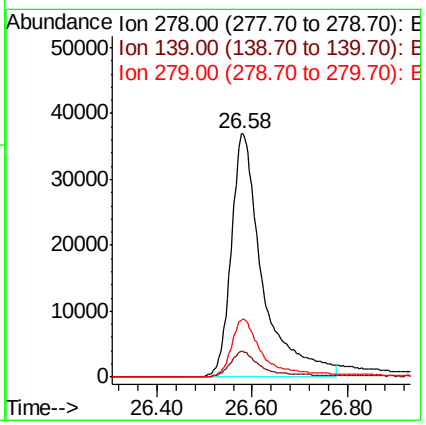


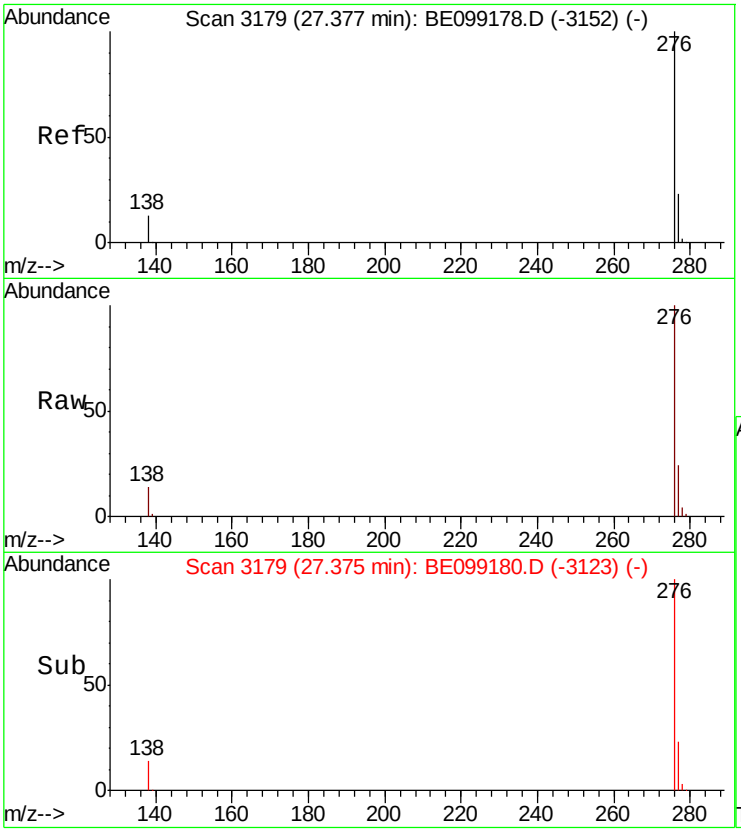


#38
Dibenzo(a,h)anthracene
Concen: 1.529 ng
RT: 26.58 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:278 Resp: 168470

Ion	Ratio	Lower	Upper
278	100		
139	10.6	9.5	14.3
279	23.8	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 1.480 ng
RT: 27.38 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 167502

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	14.2	11.1	16.7