Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099187.D
Acq On : 25 Mar 2019 19:38
Operator : JU/SJ
Sample : PB118217BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB118217BS

Quant Time: Mar 26 07:08:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3753	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	13444	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	8422	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	26795	0.40	ng		0.00
27) Chrysene-d12	21.38	240	34735	0.40	ng		-0.01
34) Perylene-d12	23.90	264	31951	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	3678	0.33	ng		0.00
5) Phenol-d6	6.99	99	4858	0.28	ng		0.00
8) Nitrobenzene-d5	8.99	82	3594	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	10991	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	980	0.43	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	11655	0.34	ng		0.00
25) Fluoranthene-d10	19.24	212	116478	0.36	ng		0.00
29) Terphenyl-d14	19.83	244	23237	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1356	0.274	ng	#	68
3) n-Nitrosodimethylamine	3.67	42	951	0.343	ng		95
6) bis(2-Chloroethyl)ether	7.27	93	4205	0.312	ng		99
9) Naphthalene	10.68	128	51029	0.322	ng		100
10) Hexachlorobutadiene	10.95	225	2891	0.342	ng		98
12) 2-Methylnaphthalene	12.30	142	8445	0.298	ng		98
16) Acenaphthylene	14.20	152	12796	0.298	ng		99
17) Acenaphthene	14.54	154	7892	0.307	ng		99
18) Fluorene	15.51	166	11914	0.330	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	4566	0.264	ng		98
21) Hexachlorobenzene	16.52	284	4530	0.271	ng		98
22) Pentachlorophenol	16.87	266	935	0.609	ng		97
23) Phenanthrene	17.25	178	24928	0.317	ng		99
24) Anthracene	17.35	178	22279	0.313	ng		99
26) Fluoranthene	19.27	202	34597	0.345	ng		99
28) Pyrene	19.63	202	35973	0.312	ng		100
30) Benzo(a)anthracene	21.37	228	36397	0.318	ng		99
31) Chrysene	21.42	228	38424	0.314	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	39267	0.287	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	30547	0.264	ng	#	89
35) Benzo(b)fluoranthene	23.12	252	32526	0.309	ng		97
36) Benzo(k)fluoranthene	23.17	252	38263	0.344	ng		98
37) Benzo(a)pyrene	23.78	252	31678	0.323	ng		100
38) Dibenzo(a,h)anthracene	26.58	278	23204	0.266	ng		98
39) Benzo(g,h,i)perylene	27.38	276	25340	0.290	ng	#	96

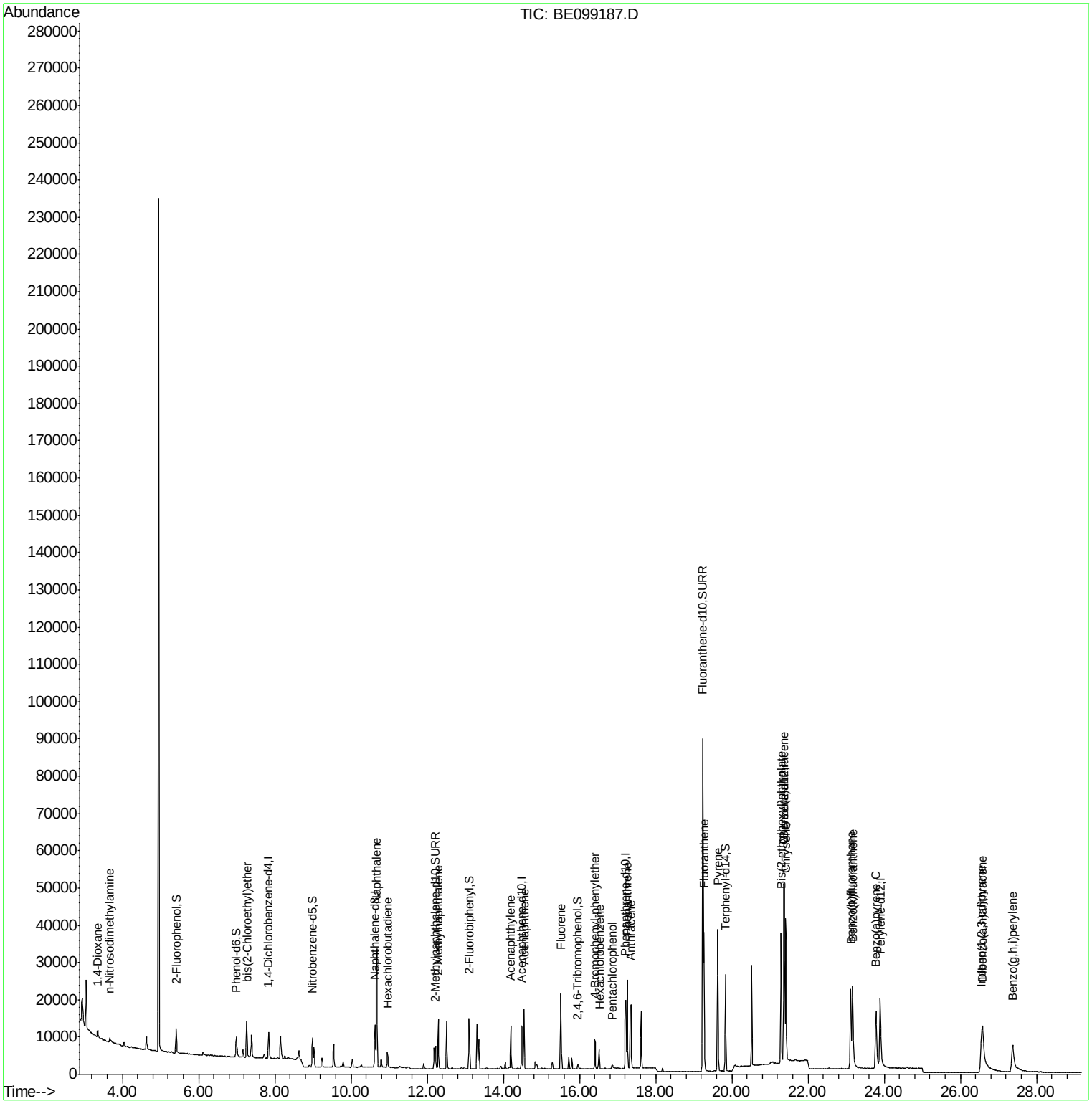
(#) = qualifier out of range (m) = manual integration (+) = signals summed

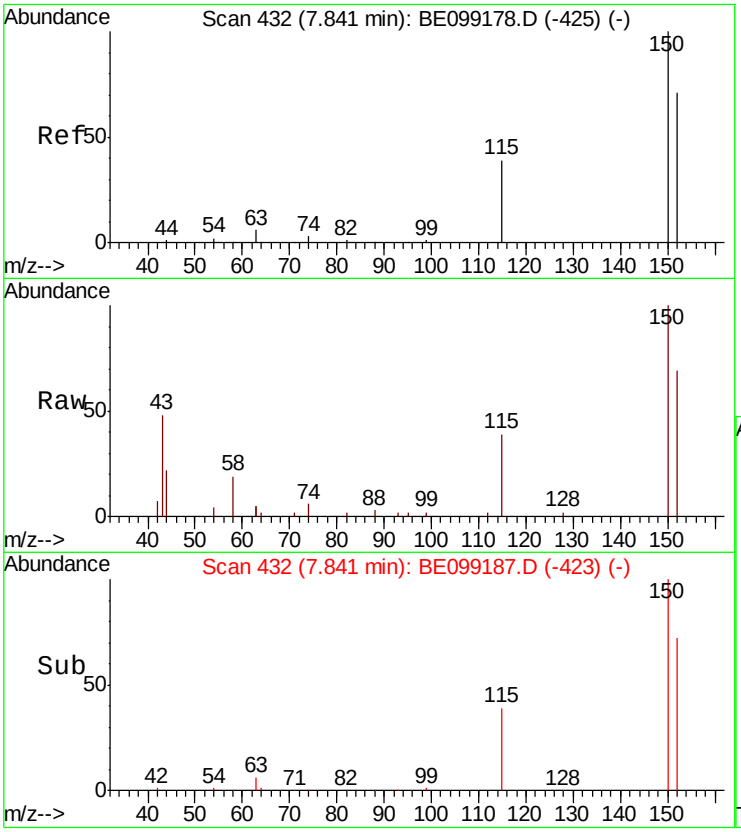
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099187.D
Acq On : 25 Mar 2019 19:38
Operator : JU/SJ
Sample : PB118217BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Quant Time: Mar 26 07:08:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration



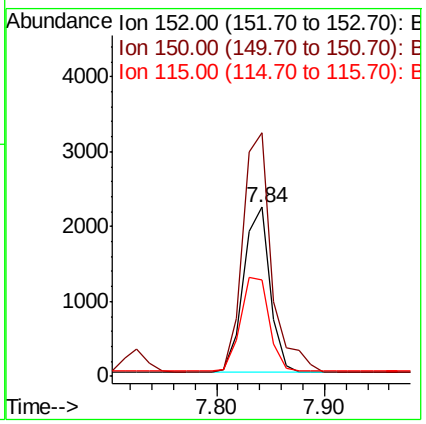


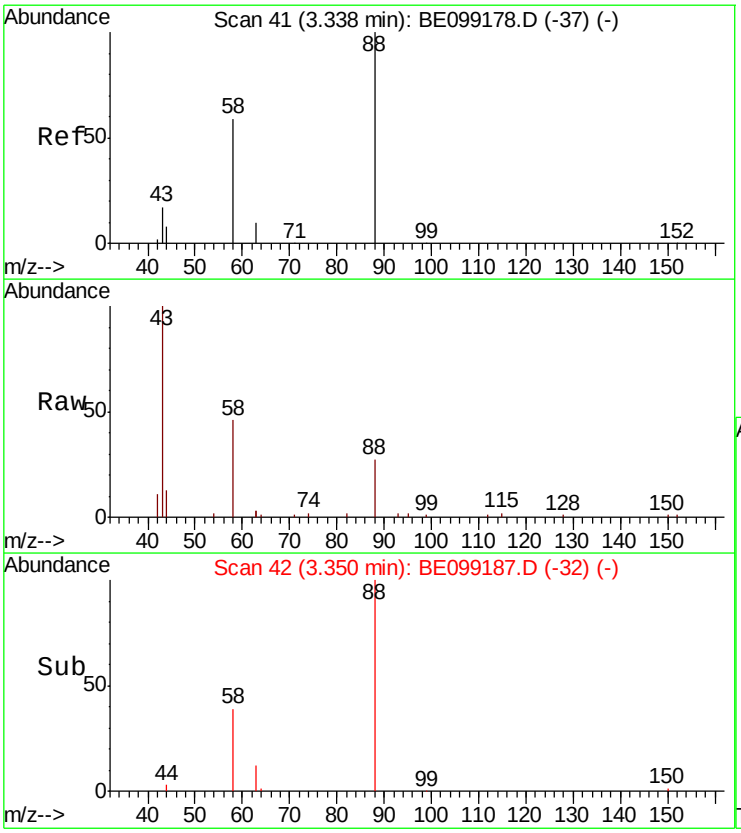
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:152 Resp: 3753

Ion	Ratio	Lower	Upper
152	100		
150	144.0	112.8	169.2
115	56.7	45.1	67.7

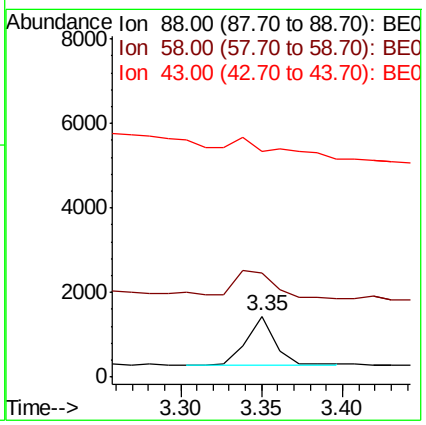


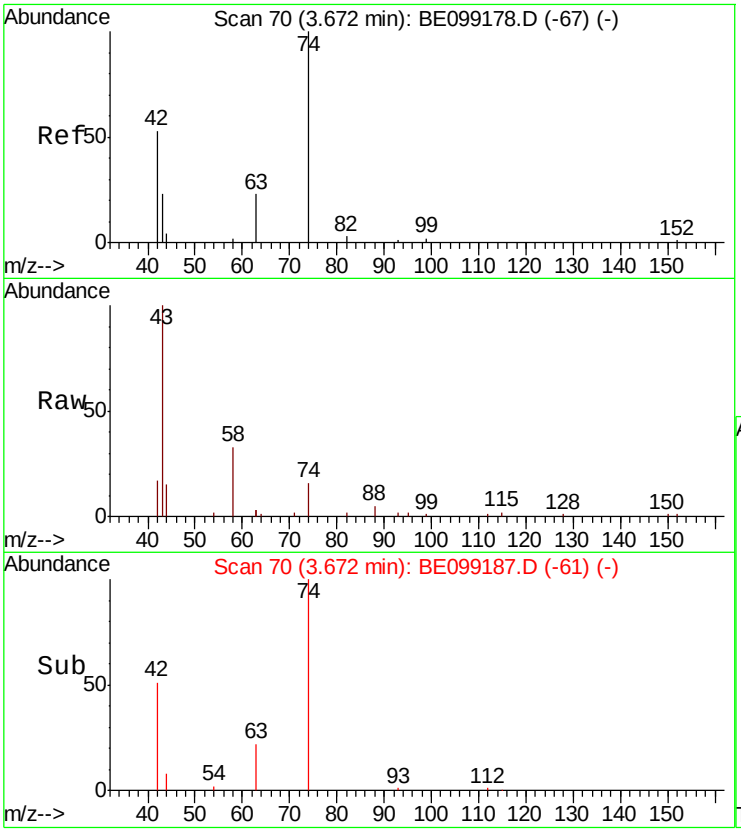


#2
1,4-Dioxane
Concen: 0.274 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion: 88 Resp: 1356

Ion	Ratio	Lower	Upper
88	100		
58	80.2	47.4	71.0#
43	0.0	15.6	23.4#



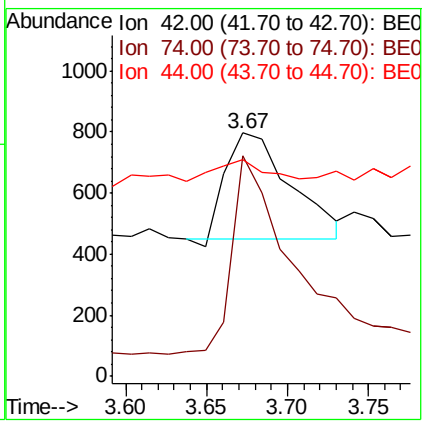


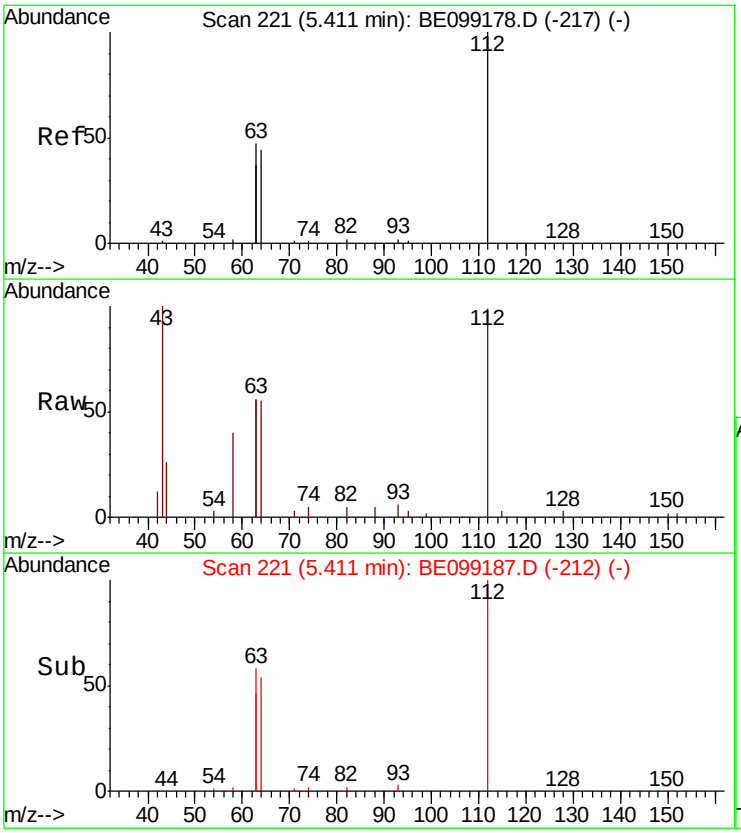
#3
n-Nitrosodimethylamine
Concen: 0.343 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion: 42 Resp: 951

Ion	Ratio	Lower	Upper
42	100		
74	165.9	138.6	207.8
44	16.9	15.0	22.6

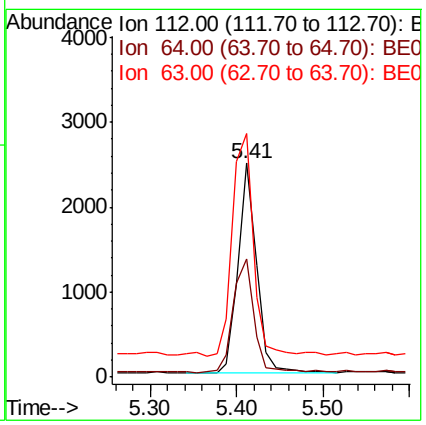


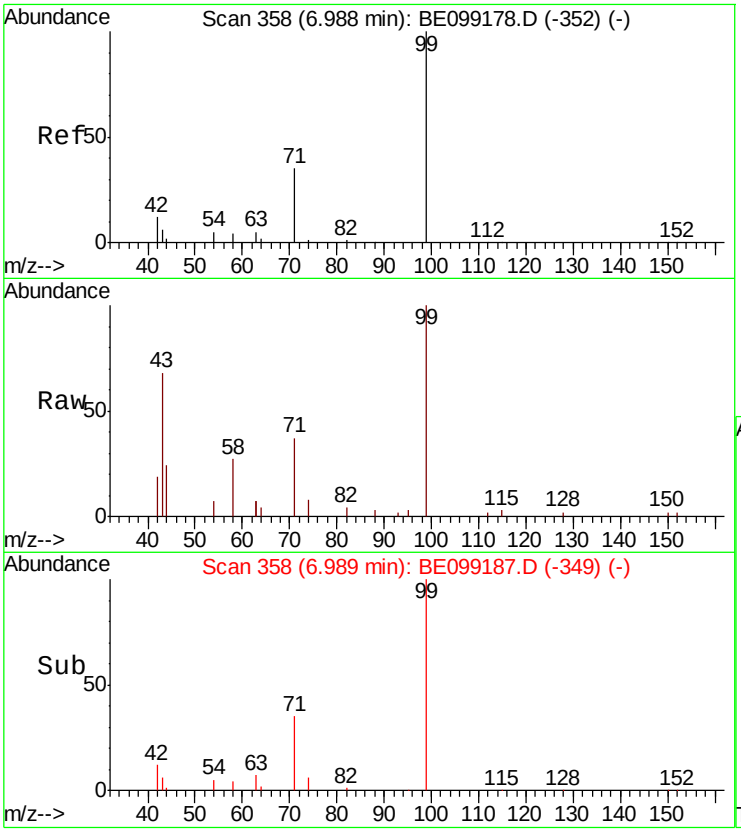


#4
2-Fluorophenol
Concen: 0.328 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:112 Resp: 3678

Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.2	69.2
63	119.6	89.9	134.9



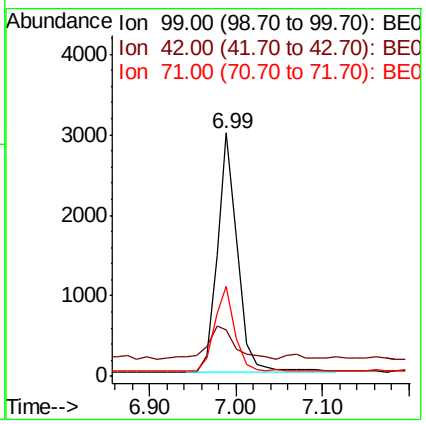


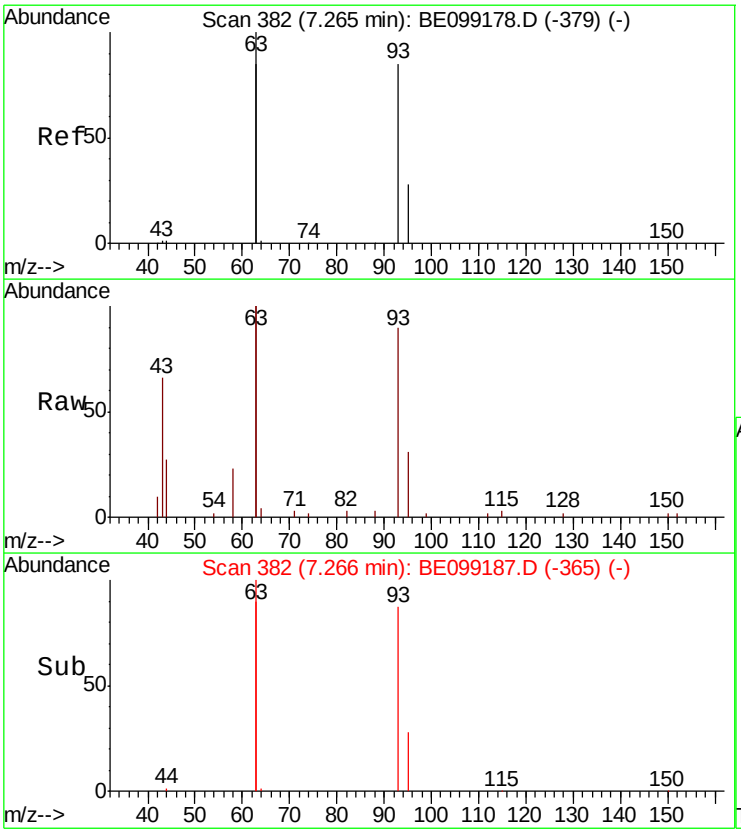
#5
Phenol-d6
Concen: 0.284 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion: 99 Resp: 4858

Ion	Ratio	Lower	Upper
99	100		
42	19.1	12.4	18.6#
71	36.5	28.4	42.6

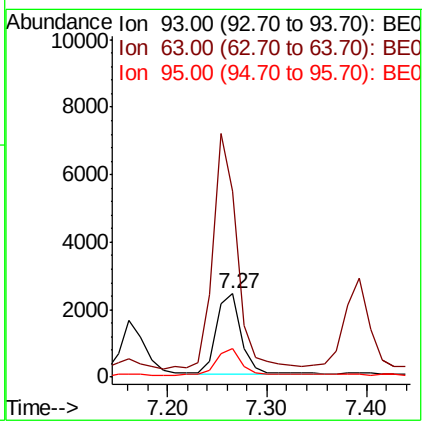


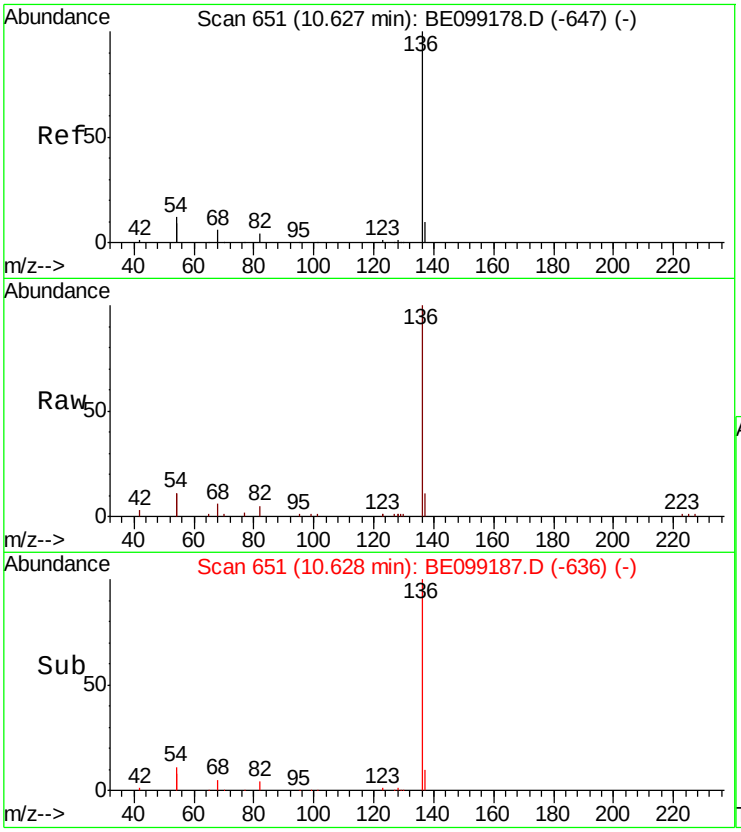


#6
bis(2-Chloroethyl)ether
Concen: 0.312 ng
RT: 7.27 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion: 93 Resp: 4205

Ion	Ratio	Lower	Upper
93	100		
63	274.9	221.4	332.0
95	31.8	25.8	38.8



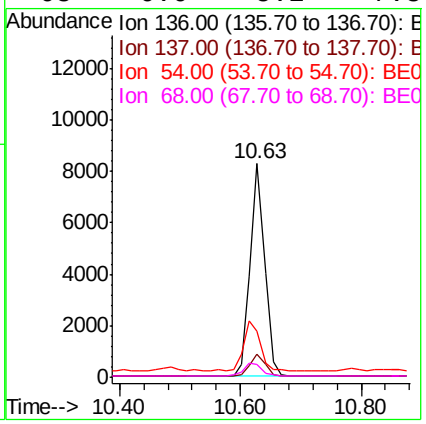


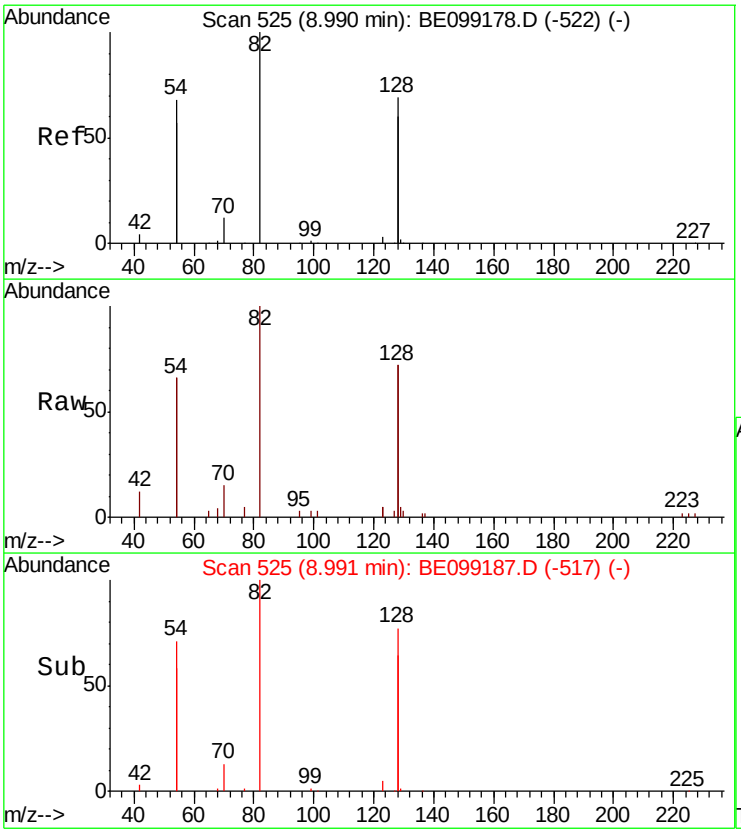
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:136 Resp: 13444

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	21.7	18.7	28.1
68	6.0	5.2	7.8

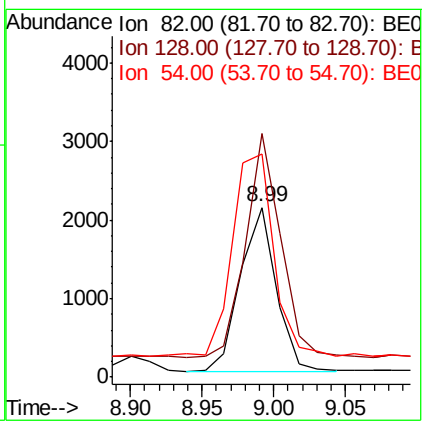


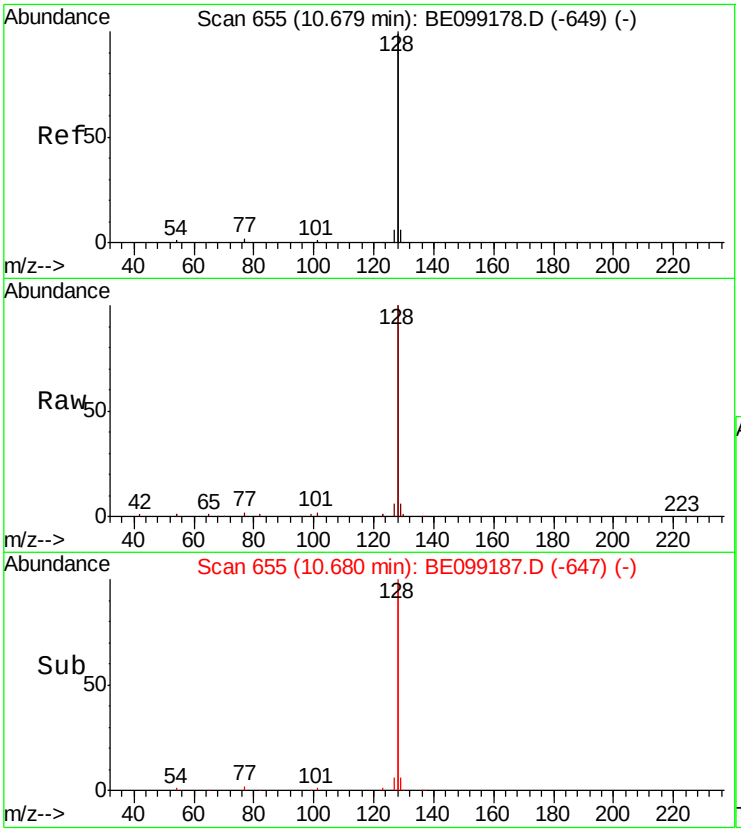


#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion: 82 Resp: 3594

Ion	Ratio	Lower	Upper
82	100		
128	143.7	107.5	161.3
54	132.0	106.3	159.5



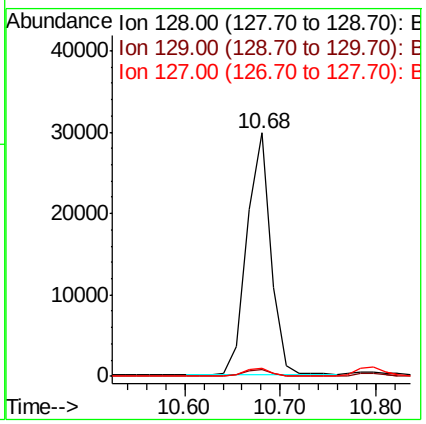


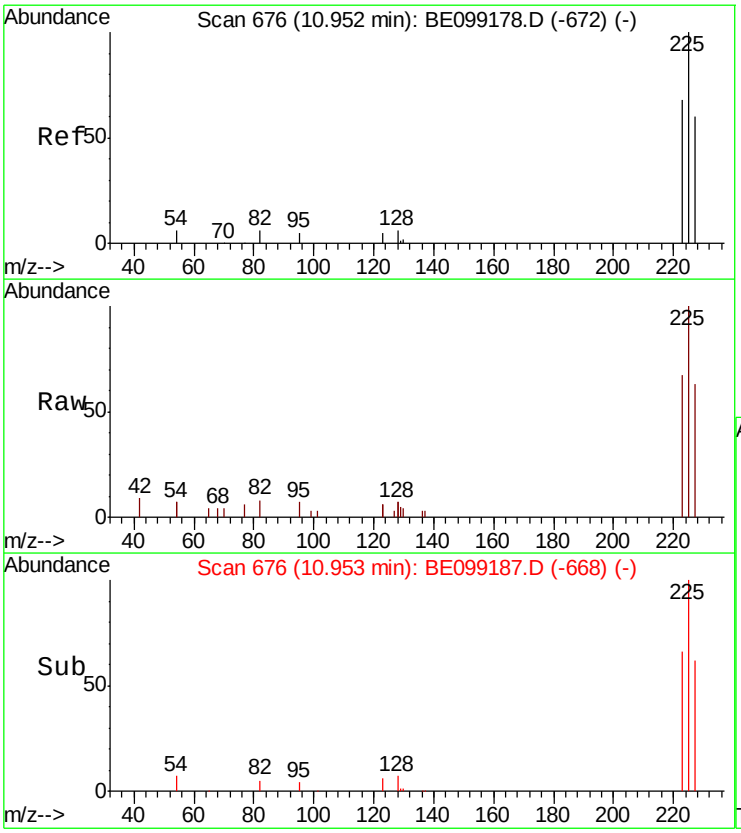
#9
Naphthalene
Concen: 0.322 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:128 Resp: 51029

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.2	2.6	3.8

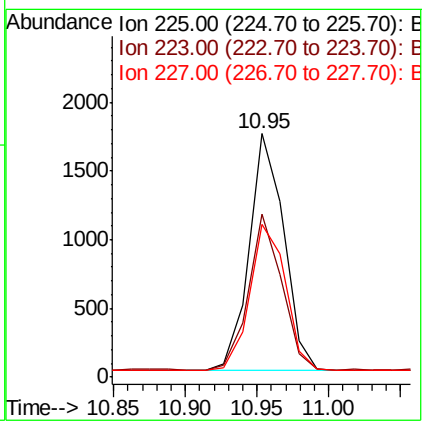


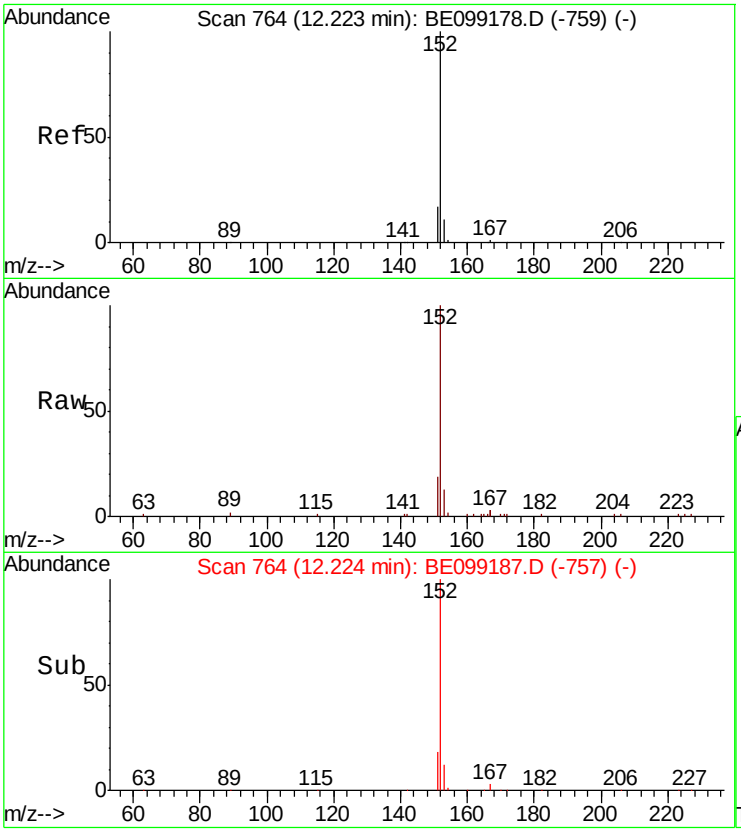


#10
Hexachlorobutadiene
Concen: 0.342 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:225 Resp: 2891

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.3	76.9
227	63.7	48.6	73.0



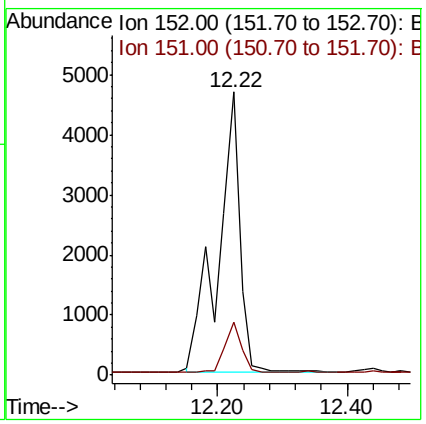


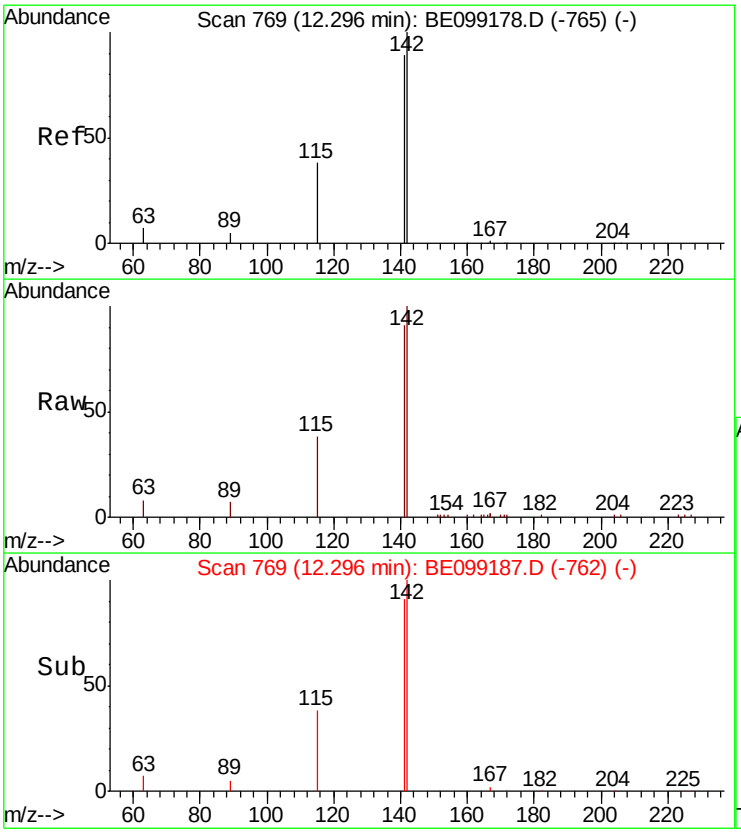
#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:152 Resp: 10991

Ion	Ratio	Lower	Upper
152	100		
151	13.2	15.0	22.6#

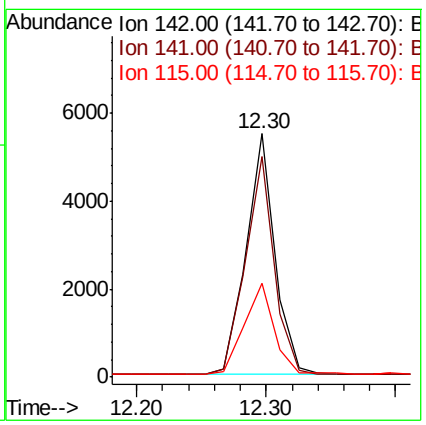


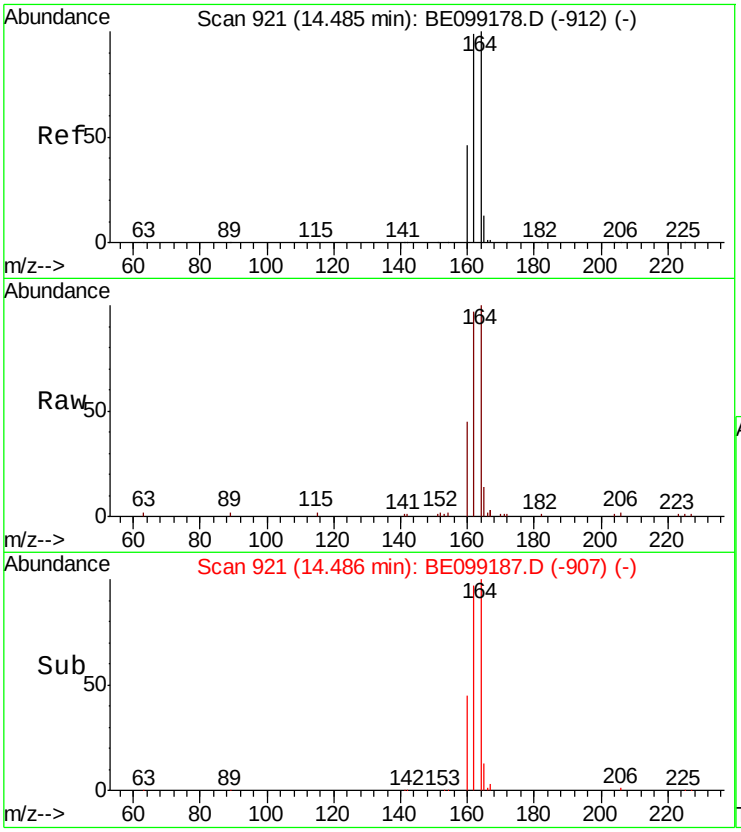


#12
2-Methylnaphthalene
Concen: 0.298 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:142 Resp: 8445

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9
115	38.5	30.4	45.6



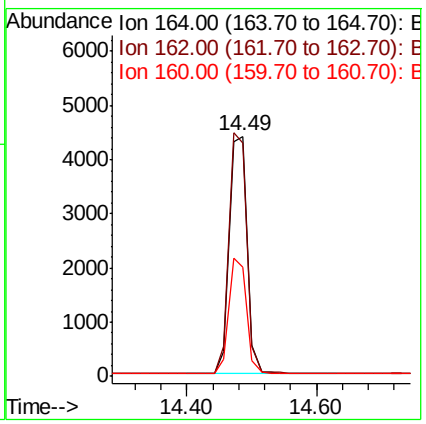


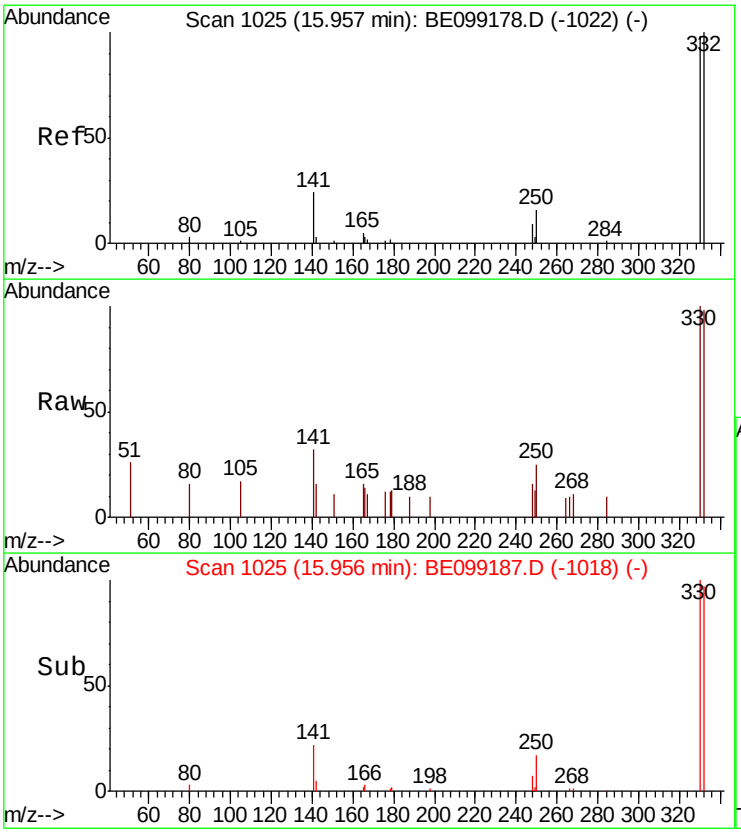
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:164 Resp: 8422

Ion	Ratio	Lower	Upper
164	100		
162	97.0	79.2	118.8
160	45.4	36.7	55.1

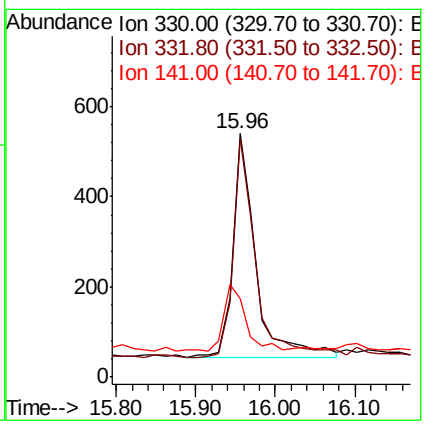


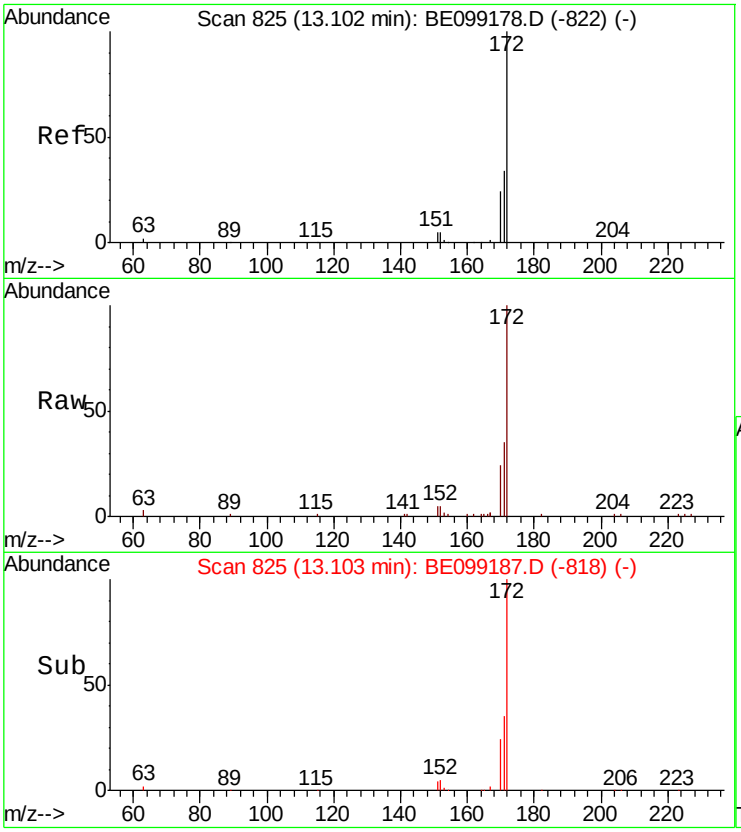


#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:330 Resp: 980

Ion	Ratio	Lower	Upper
330	100		
332	96.7	71.3	106.9
141	27.0	21.7	32.5



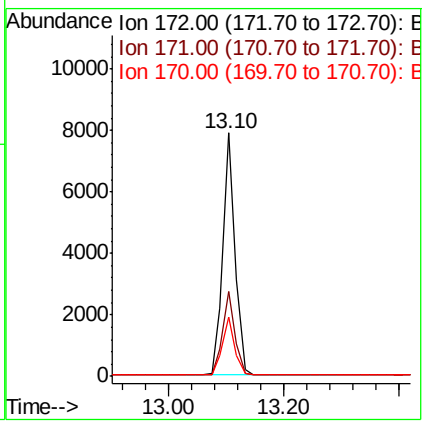


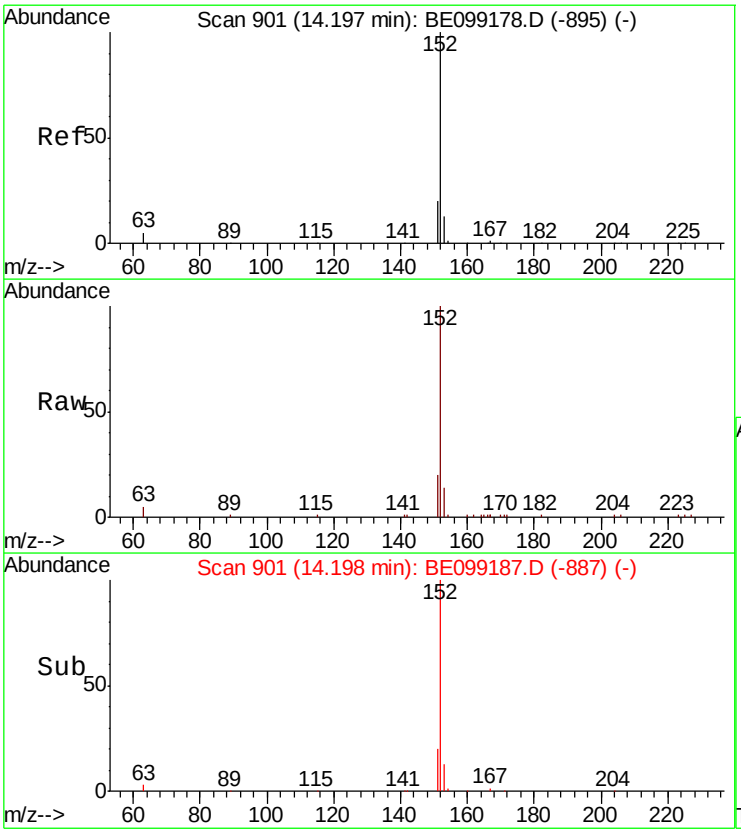
#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:172 Resp: 11655

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.4	41.0
170	24.1	19.1	28.7

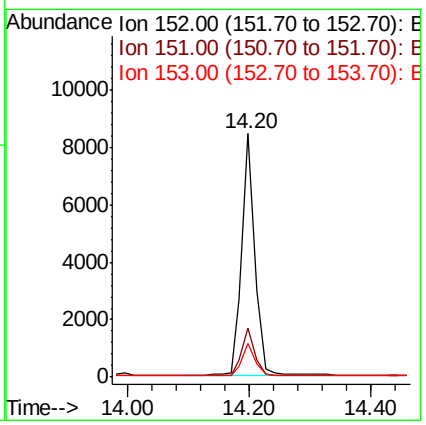


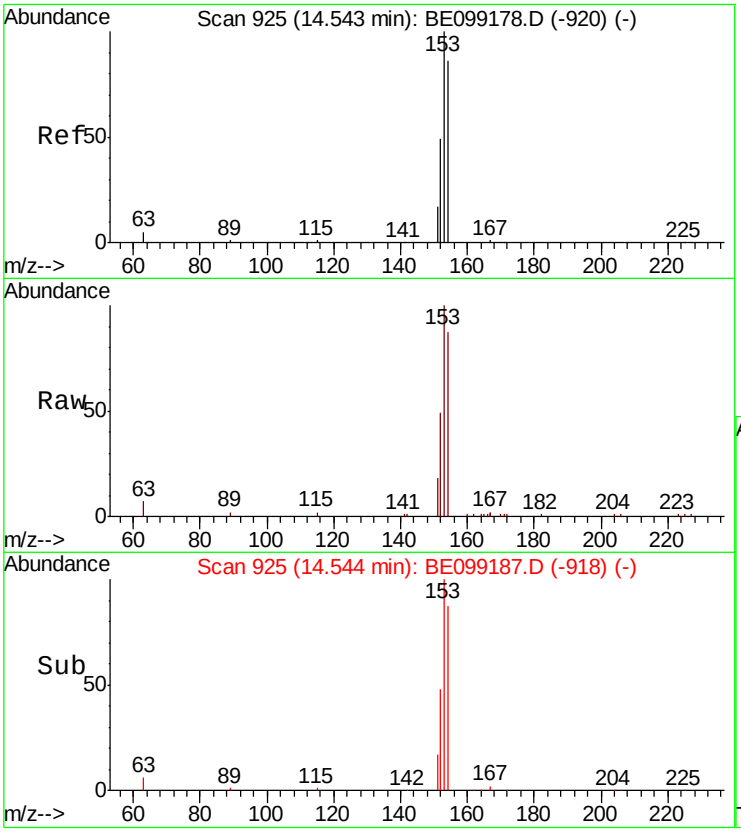


#16
Acenaphthylene
Concen: 0.298 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:152 Resp: 12796

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.8	10.6	15.8



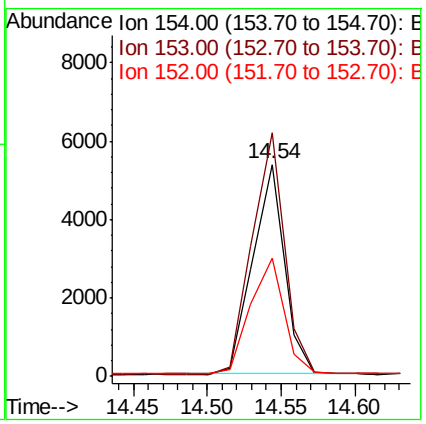


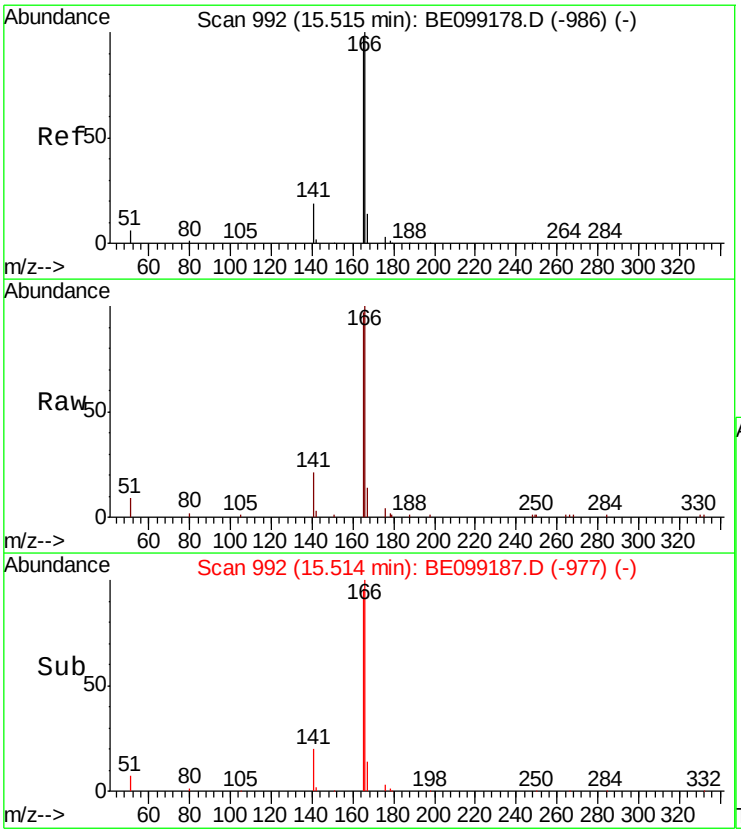
#17
Acenaphthene
Concen: 0.307 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:154 Resp: 7892

Ion	Ratio	Lower	Upper
154	100		
153	118.1	93.4	140.0
152	58.5	46.6	69.8

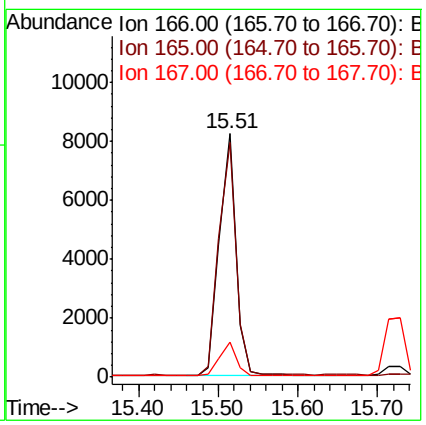


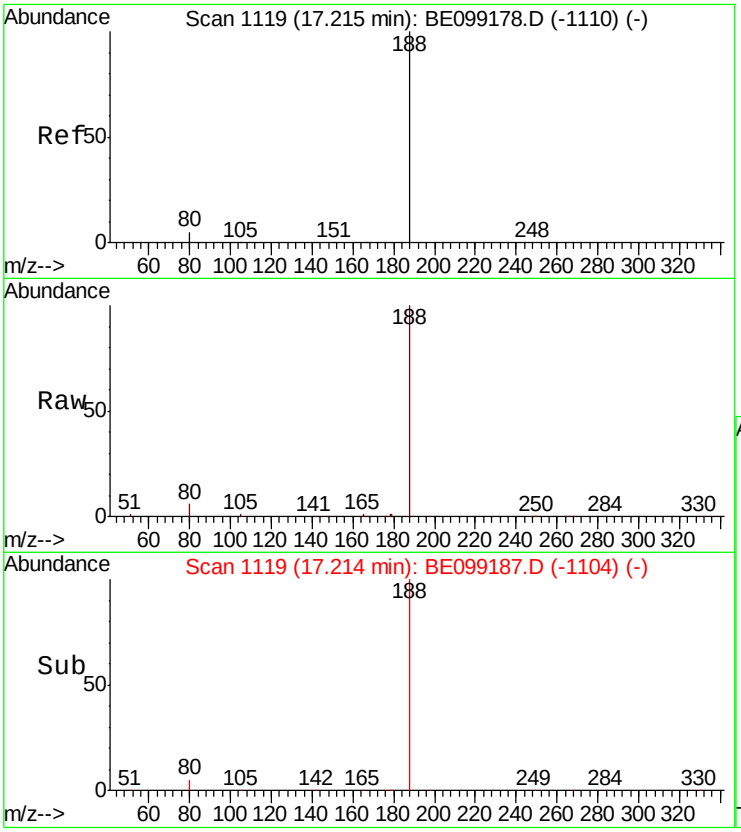


#18
Fluorene
Concen: 0.330 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:166 Resp: 11914

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.9	118.3
167	13.9	10.9	16.3



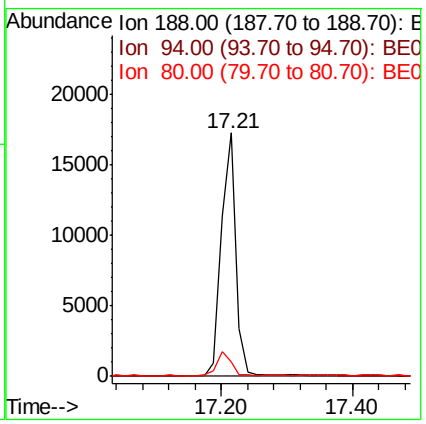


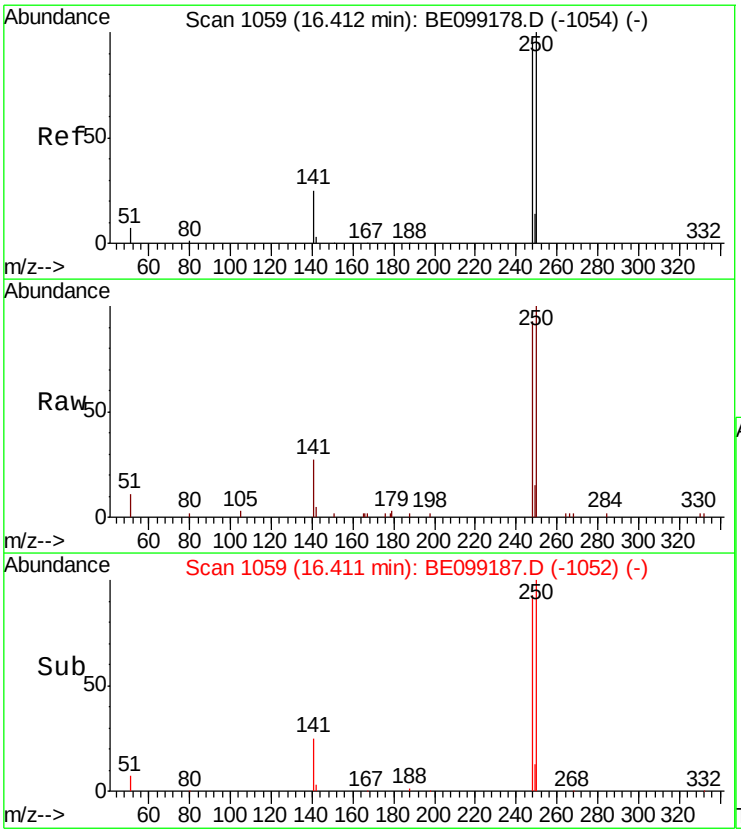
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:188 Resp: 26795

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	4.5	6.7

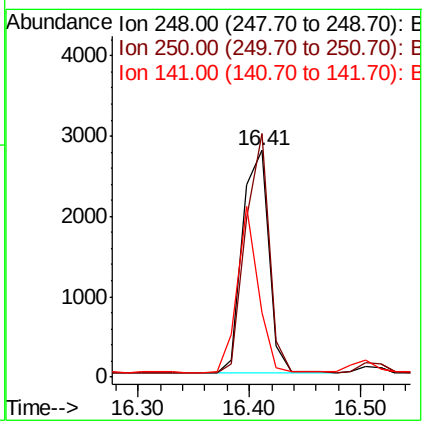


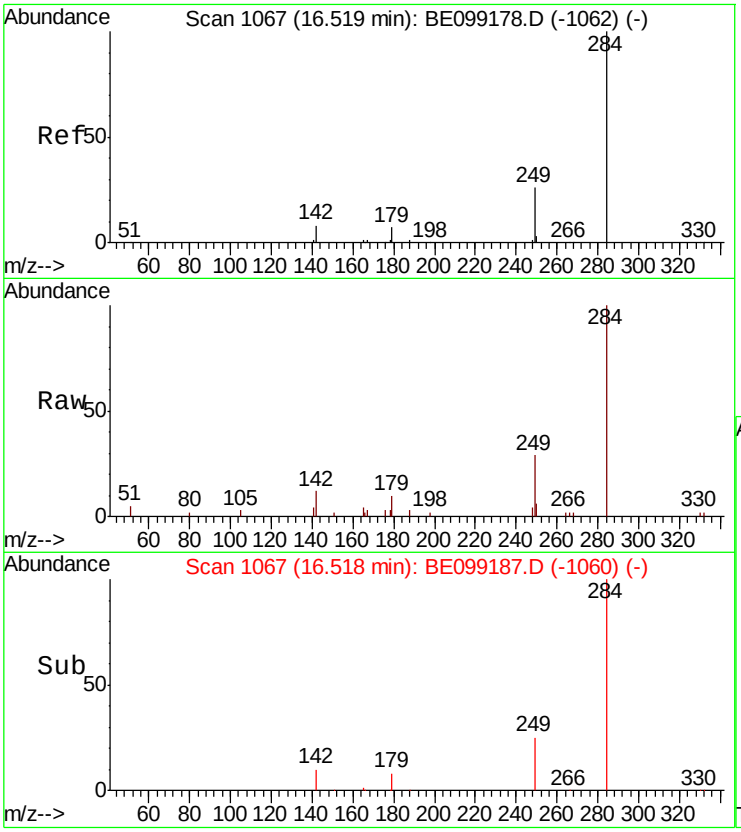


#20
4-Bromophenyl-phenylether
Concen: 0.264 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:248 Resp: 4566

Ion	Ratio	Lower	Upper
248	100		
250	107.5	84.2	126.2
141	28.7	21.8	32.6



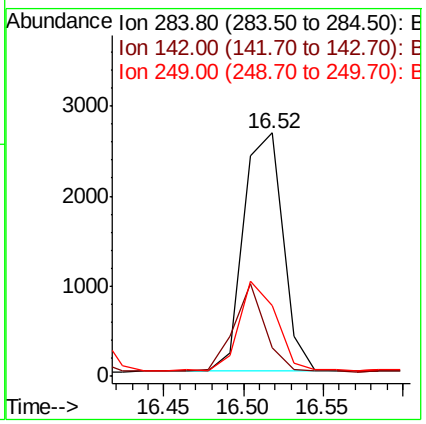


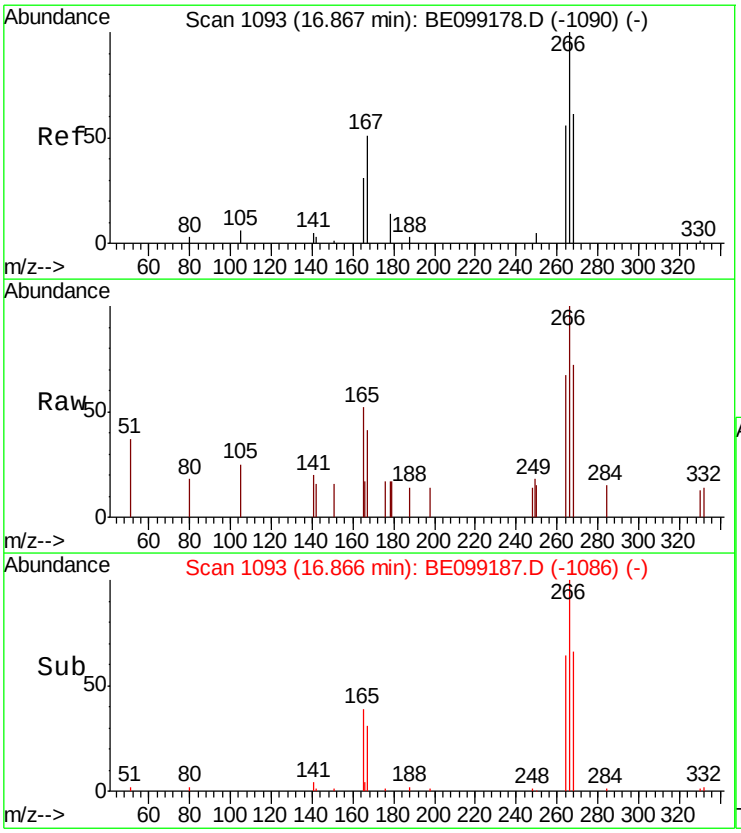
#21
Hexachlorobenzene
Concen: 0.271 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:284 Resp: 4530

Ion	Ratio	Lower	Upper
284	100		
142	29.3	22.7	34.1
249	35.1	26.9	40.3

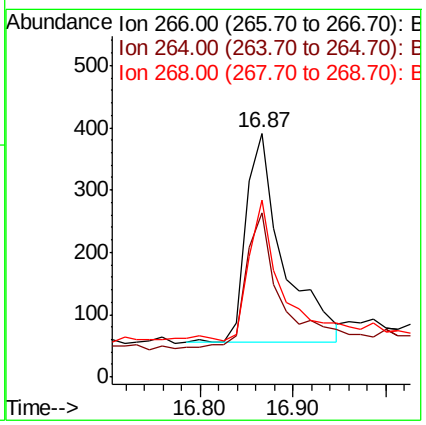


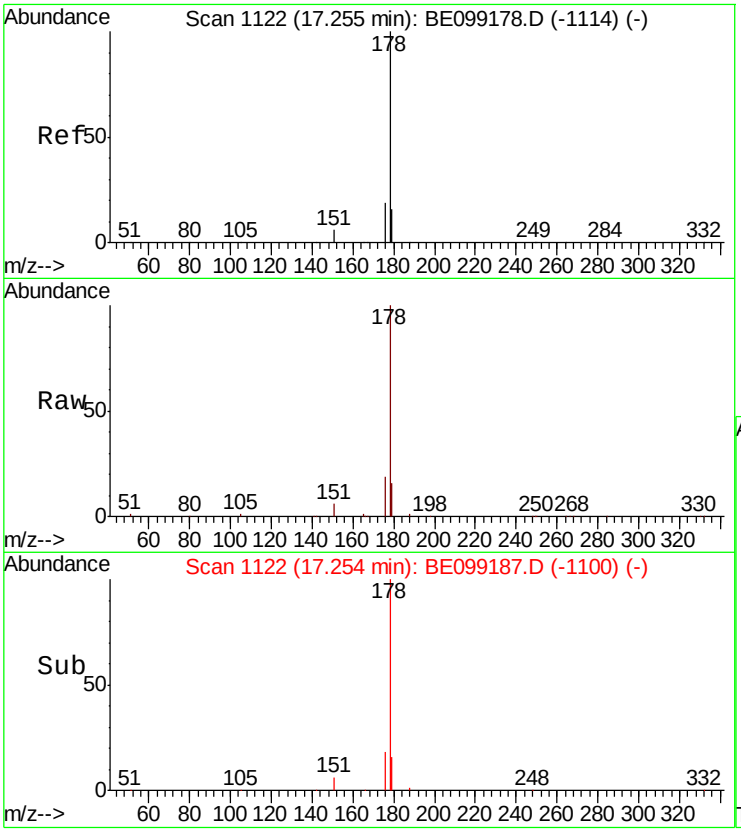


#22
Pentachlorophenol
Concen: 0.609 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:266 Resp: 935

Ion	Ratio	Lower	Upper
266	100		
264	67.3	54.4	81.6
268	72.4	61.3	91.9



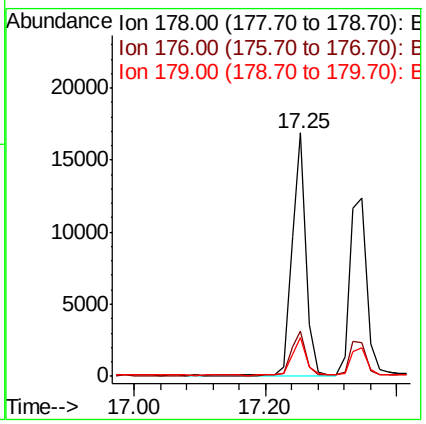


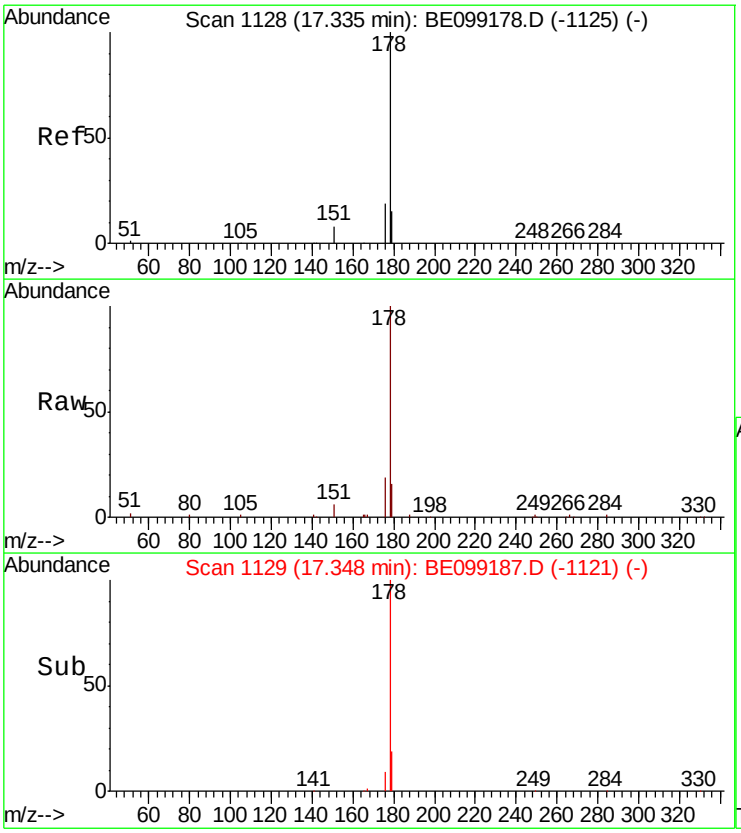
#23
Phenanthrene
Concen: 0.317 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:178 Resp: 24928

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.3	12.3	18.5

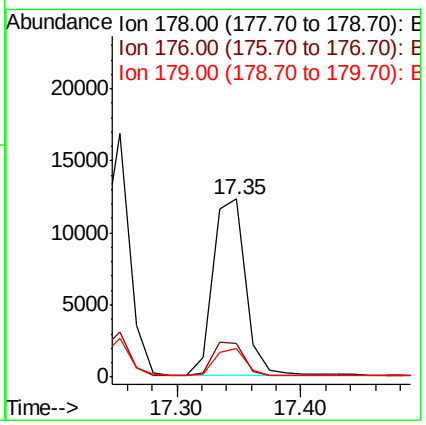


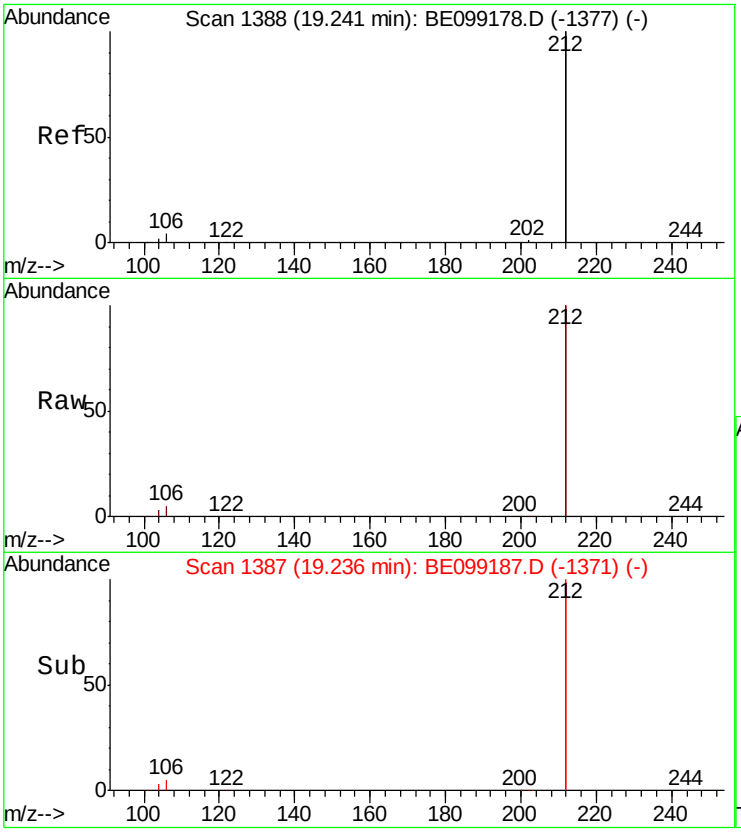


#24
Anthracene
Concen: 0.313 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:178 Resp: 22279

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.2	12.4	18.6



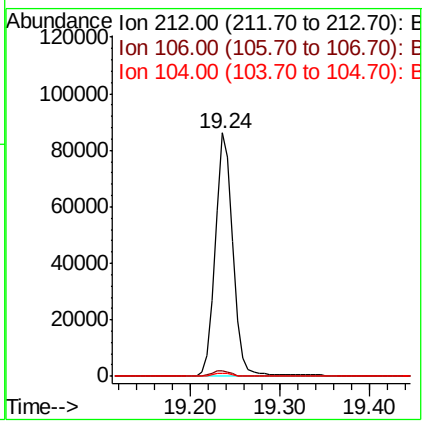


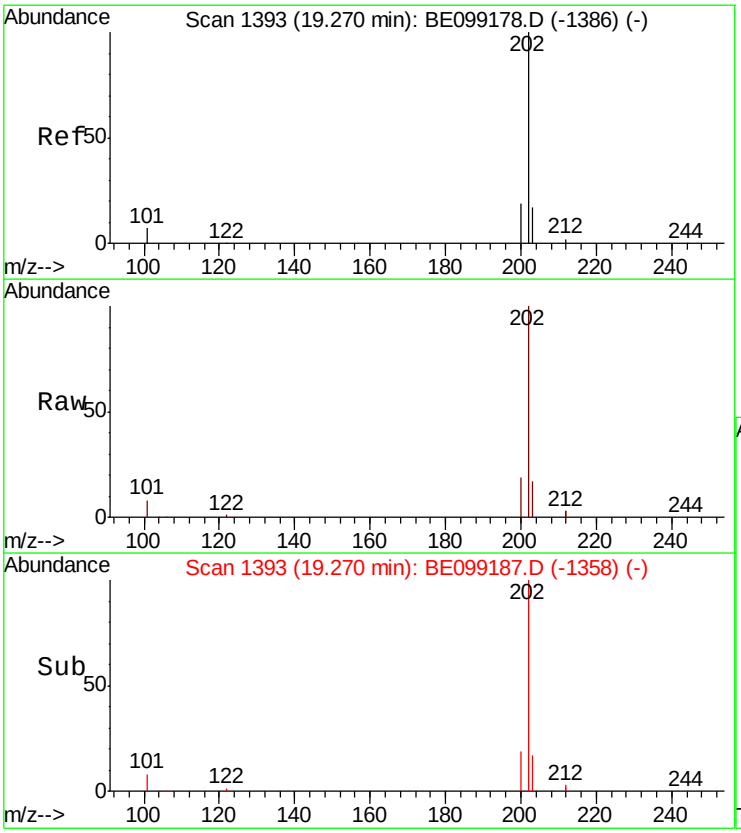
#25
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:212 Resp: 116478

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

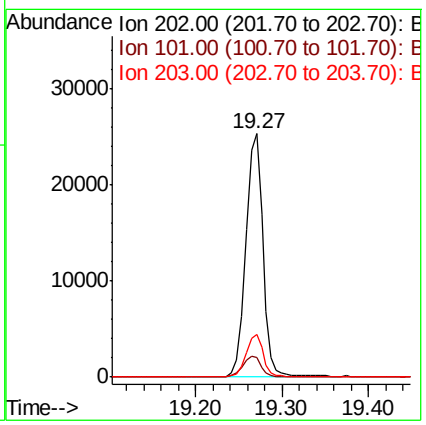


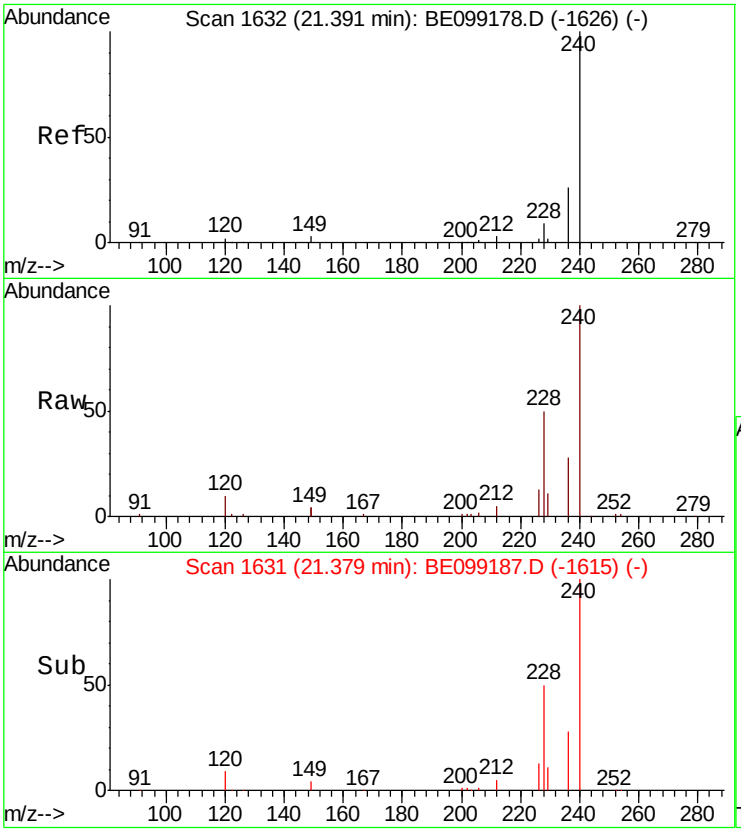


#26
Fluoranthene
Concen: 0.345 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:202 Resp: 34597

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.0	10.4
203	16.7	13.8	20.6



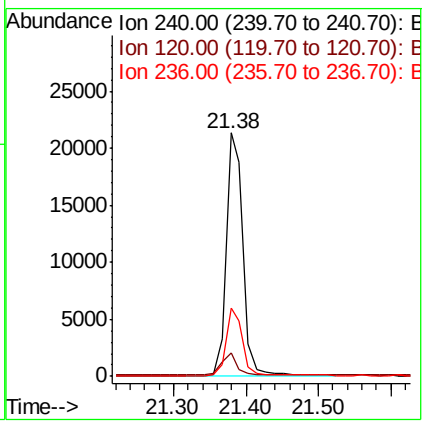


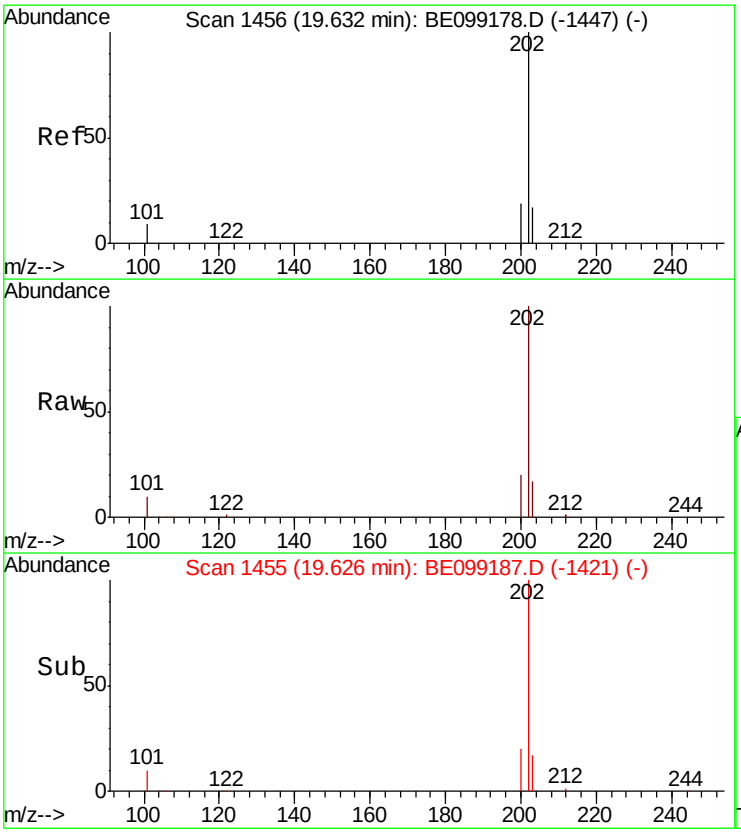
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:240 Resp: 34735

Ion	Ratio	Lower	Upper
240	100		
120	9.6	2.6	3.8#
236	28.3	20.9	31.3

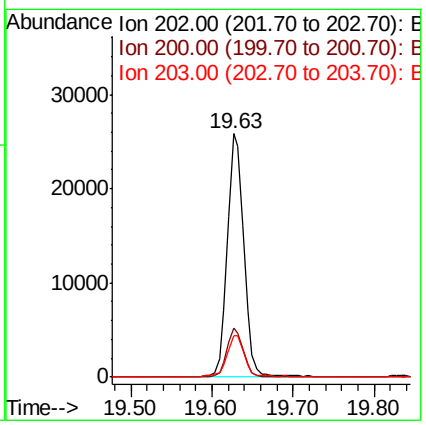


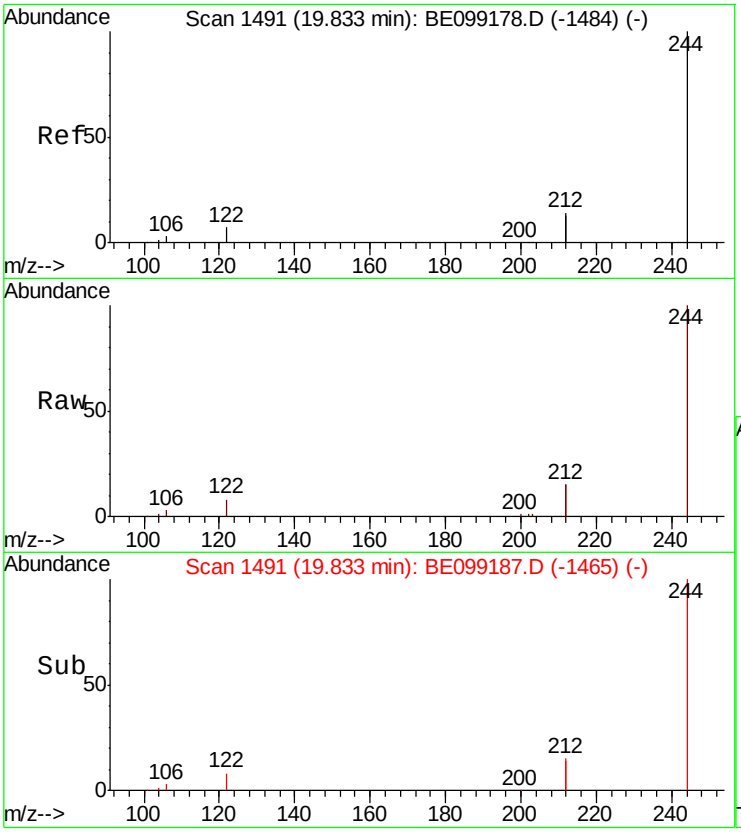


#28
Pyrene
Concen: 0.312 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:202 Resp: 35973

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.8	23.8
203	17.5	14.1	21.1



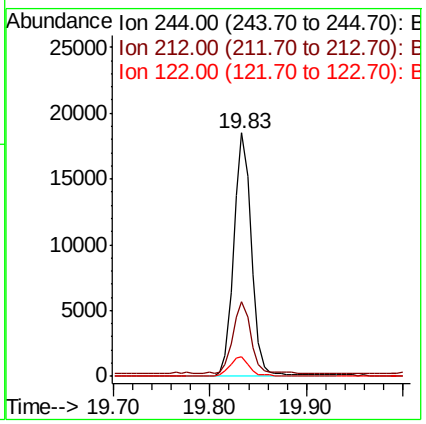


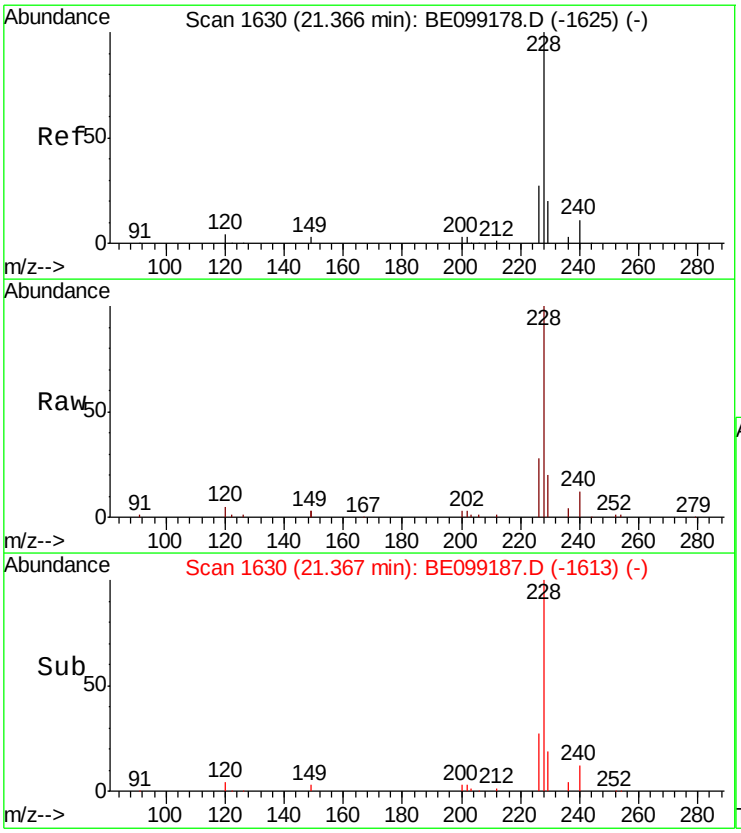
#29
Terphenyl-d14
Concen: 0.308 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:244 Resp: 23237

Ion	Ratio	Lower	Upper
244	100		
212	30.8	22.7	34.1
122	8.0	5.8	8.6

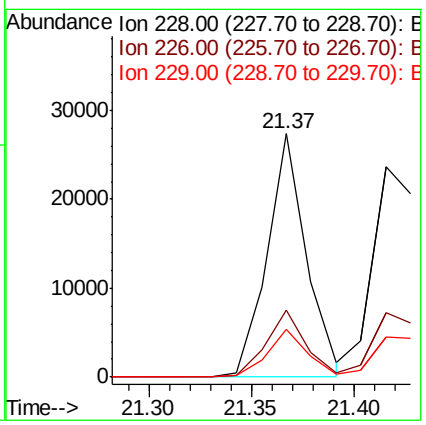


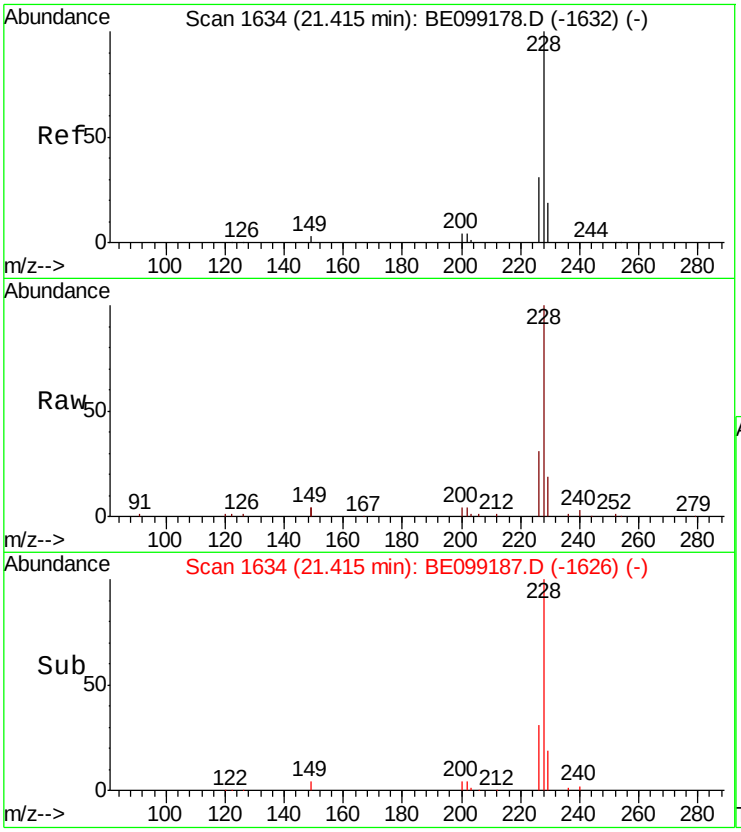


#30
Benzo(a)anthracene
Concen: 0.318 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:228 Resp: 36397

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.7	32.5
229	19.6	15.9	23.9



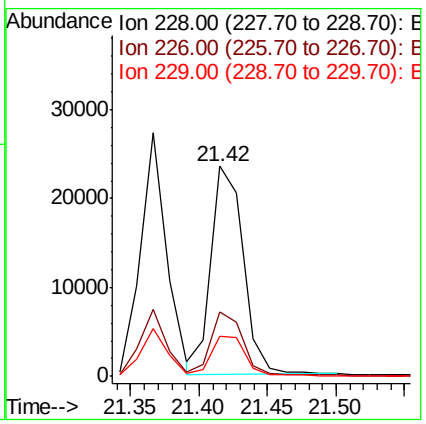


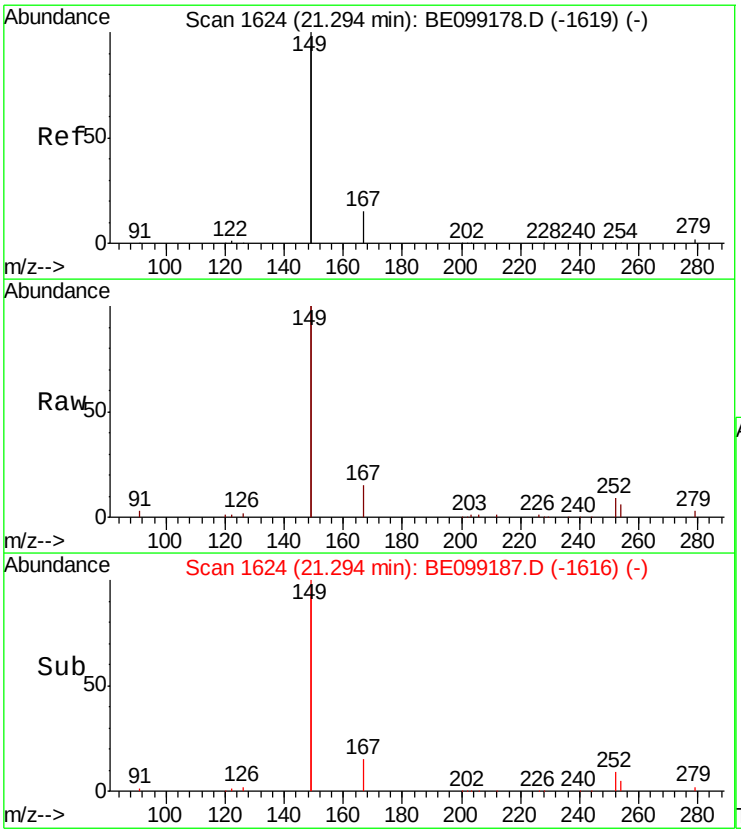
#31
Chrysene
Concen: 0.314 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:228 Resp: 38424

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	19.0	15.4	23.0

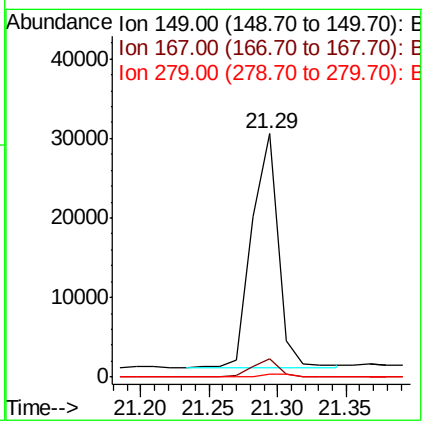


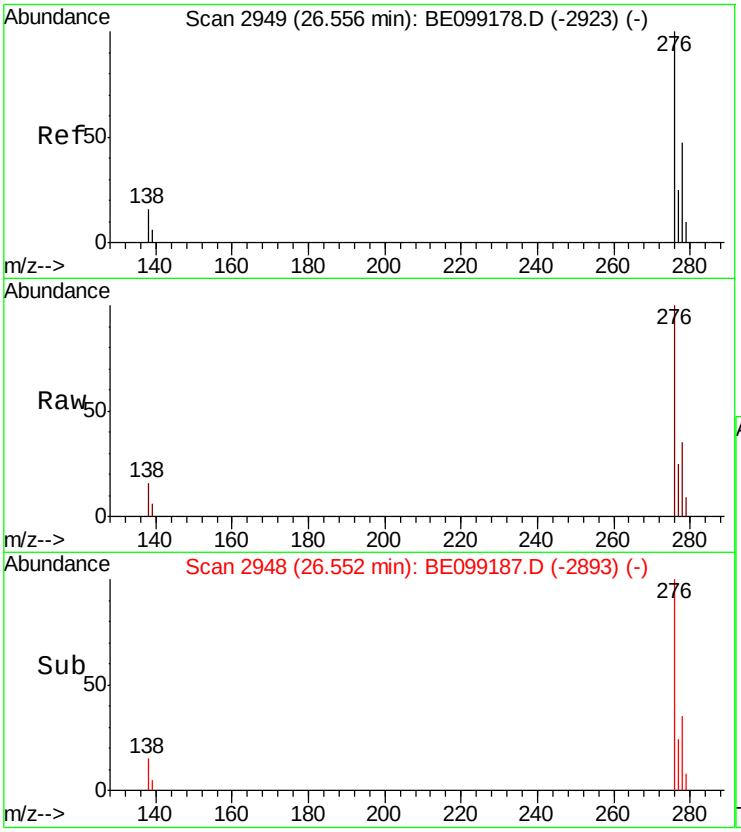


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.287 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:149 Resp: 39267

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.9	8.9
279	1.2	1.0	1.6



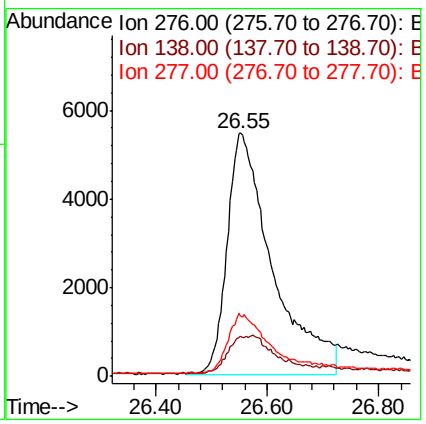


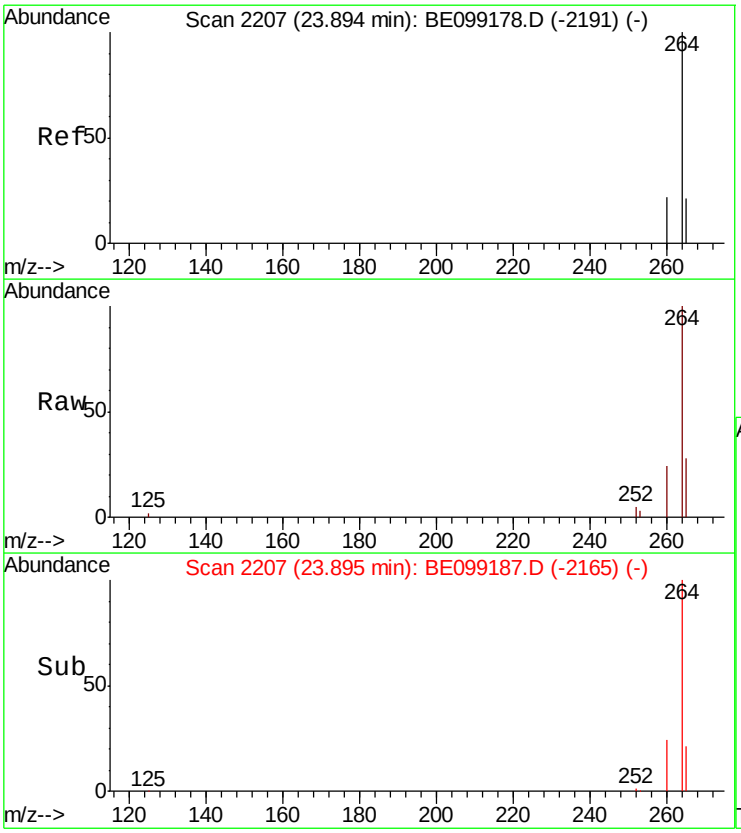
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.264 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:276 Resp: 30547

Ion	Ratio	Lower	Upper
276	100		
138	5.7	12.9	19.3#
277	23.4	18.3	27.5

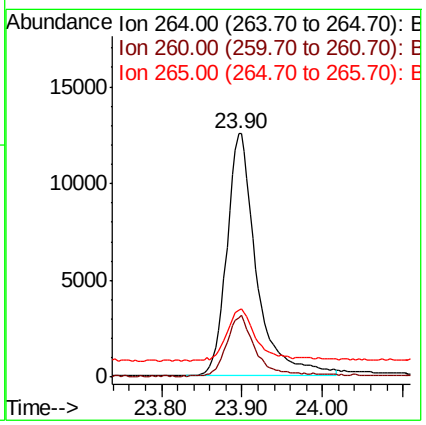


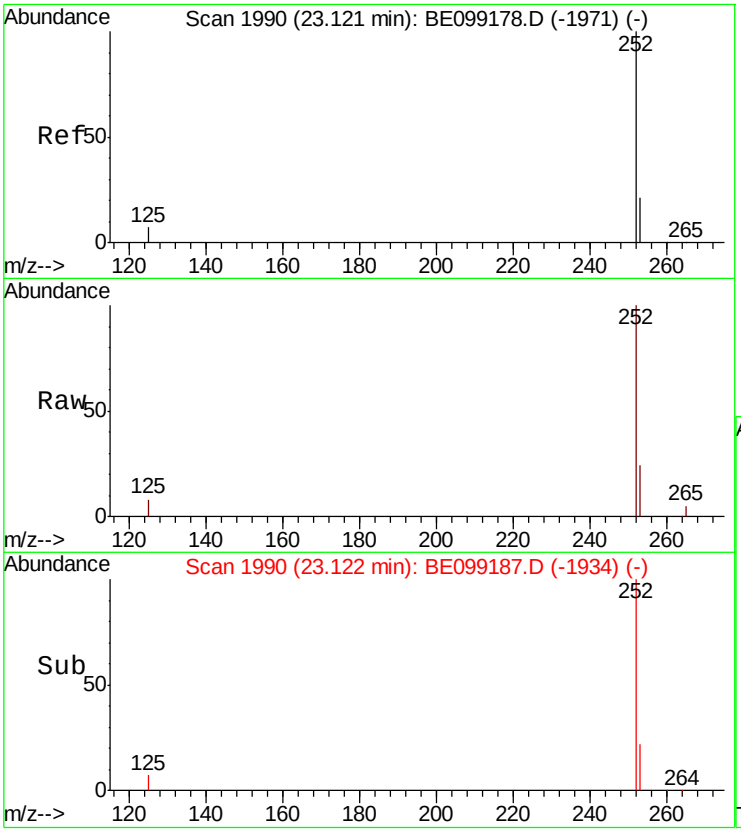


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:264 Resp: 31951

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	27.8	21.8	32.8



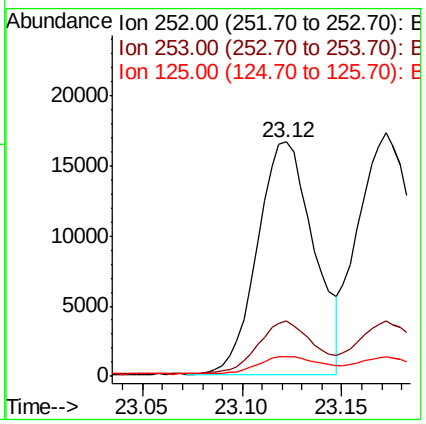


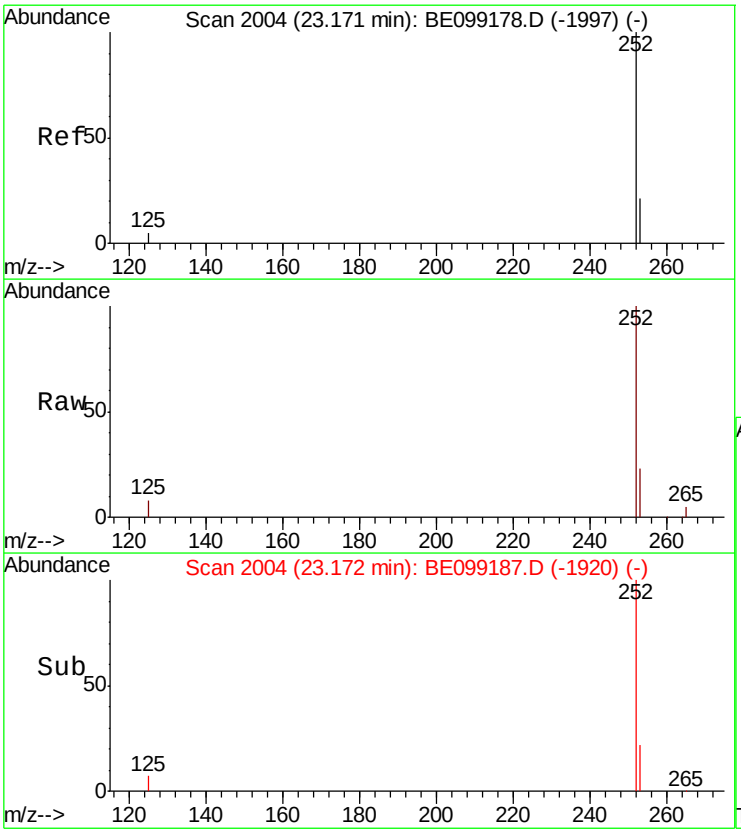
#35
Benzo(b)fluoranthene
Concen: 0.309 ng
RT: 23.12 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:252 Resp: 32526

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	8.4	6.1	9.1

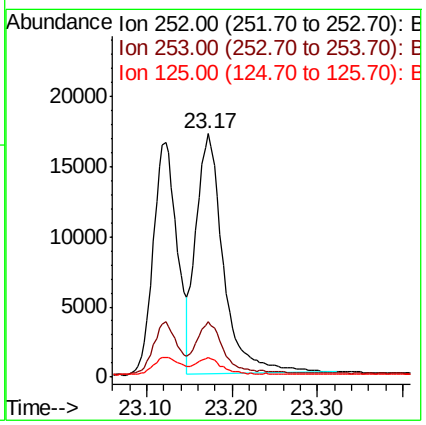


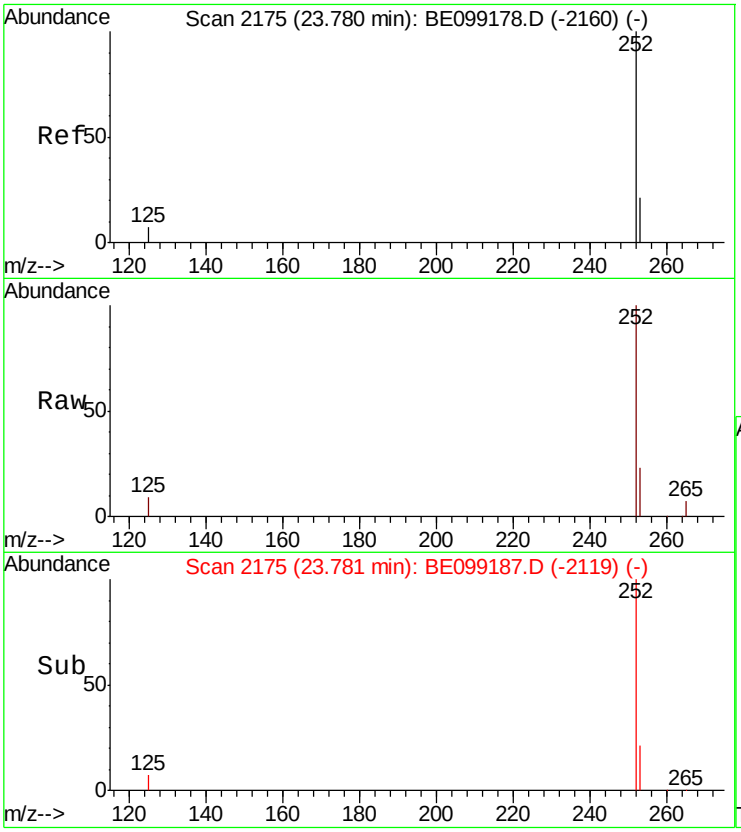


#36
Benzo(k)fluoranthene
Concen: 0.344 ng
RT: 23.17 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:252 Resp: 38263

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	8.0	5.9	8.9



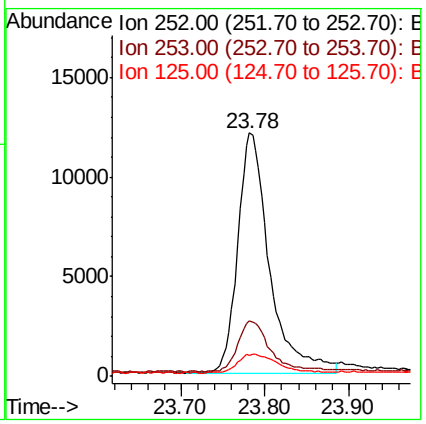


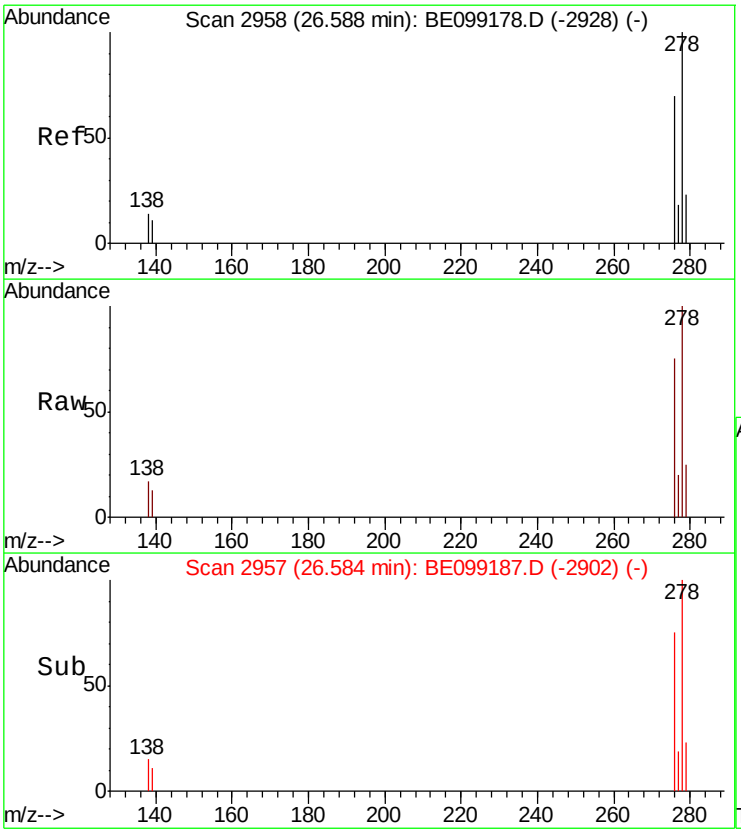
#37
Benzo(a)pyrene
Concen: 0.323 ng
RT: 23.78 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:252 Resp: 31678

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	8.6	6.8	10.2

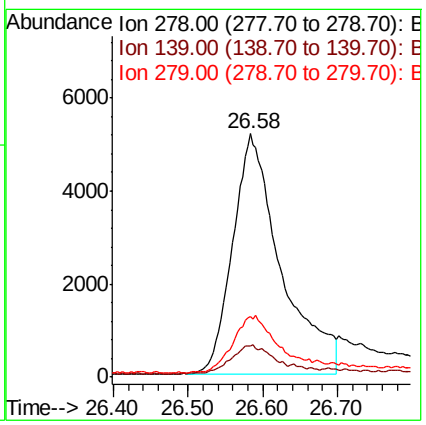


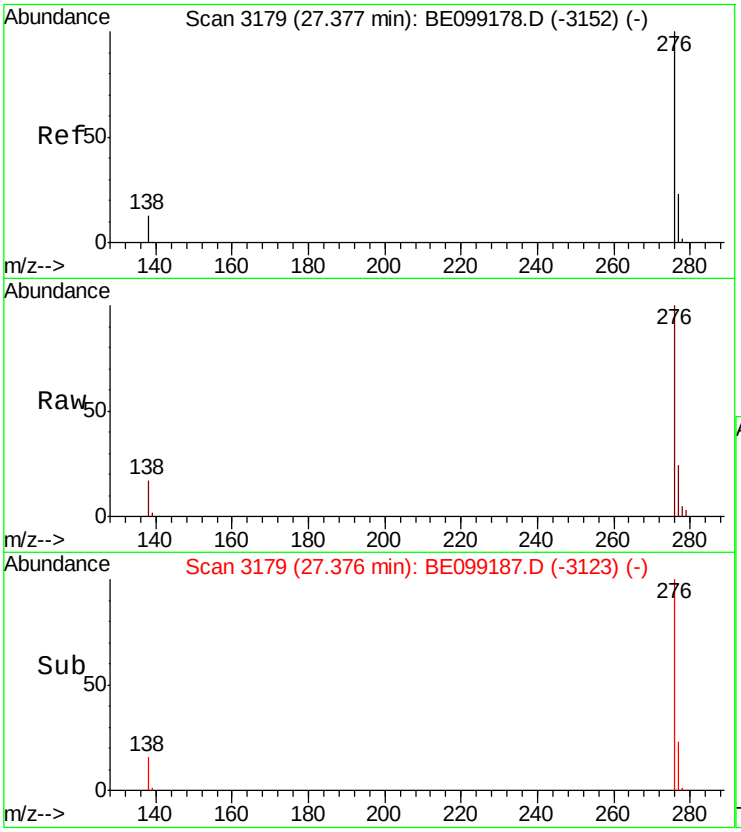


#38
Dibenzo(a,h)anthracene
Concen: 0.266 ng
RT: 26.58 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Tgt Ion:278 Resp: 23204

Ion	Ratio	Lower	Upper
278	100		
139	12.8	9.5	14.3
279	24.7	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.290 ng
RT: 27.38 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BE099187.D
Acq: 25 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
PB118217BS

Tgt Ion:276 Resp: 25340

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	17.2	11.1	16.7#