Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
Data File : BE099891.D
Acq On : 10 Jun 2019 13:53
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: Jun 10 14:54:45 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 14:31:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	744	0.40	ng		-0.01
7) Naphthalene-d8	10.59	136	2823	0.40	ng		-0.01
13) Acenaphthene-d10	14.47	164	2006	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	6518	0.40	ng		0.00
27) Chrysene-d12	21.39	240	11035	0.40	ng		-0.01
34) Perylene-d12	23.93	264	11091	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	10745	4.31	ng		0.00
5) Phenol-d6	6.95	99	14878	4.85	ng		-0.01
8) Nitrobenzene-d5	8.95	82	15184	5.33	ng		-0.01
11) 2-Methylnaphthalene-d10	12.19	152	25286	4.95	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	8837	4.45	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	39723	5.48	ng		-0.01
25) Fluoranthene-d10	19.25	212	497141	4.92	ng		0.00
29) Terphenyl-d14	19.84	244	102937	5.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	5277	4.758	ng		93
3) n-Nitrosodimethylamine	3.58	42	3605	5.080	ng	#	100
6) bis(2-Chloroethyl)ether	7.21	93	11758	5.212	ng		98
9) Naphthalene	10.64	128	155687	5.075	ng	#	97
10) Hexachlorobutadiene	10.91	225	11675	5.175	ng		99
12) 2-Methylnaphthalene	12.27	142	26507	5.082	ng		96
16) Acenaphthylene	14.18	152	51752	5.210	ng		100
17) Acenaphthene	14.53	154	28927	5.313	ng		98
18) Fluorene	15.50	166	42955	5.156	ng		97
20) 4-Bromophenyl-phenylether	16.40	248	19984	5.349	ng	#	90
21) Hexachlorobenzene	16.52	284	19612	5.383	ng		99
22) Pentachlorophenol	16.87	266	8757	7.748	ng	#	81
23) Phenanthrene	17.26	178	83733	5.180	ng		99
24) Anthracene	17.35	178	81997	5.292	ng		99
26) Fluoranthene	19.28	202	140557	4.927	ng		98
28) Pyrene	19.64	202	145745	4.990	ng		100
30) Benzo(a)anthracene	21.38	228	169489	4.834	ng		99
31) Chrysene	21.44	228	174831	5.078	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	231049	4.041	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	205053	4.889	ng		99
35) Benzo(b)fluoranthene	23.14	252	166954	5.421	ng	#	96
36) Benzo(k)fluoranthene	23.19	252	171058	5.550	ng	#	97
37) Benzo(a)pyrene	23.81	252	158825	5.313	ng	#	95
38) Dibenzo(a,h)anthracene	26.63	278	167602	5.484	ng	#	97
39) Benzo(g,h,i)perylene	27.43	276	167951	5.409	ng		98

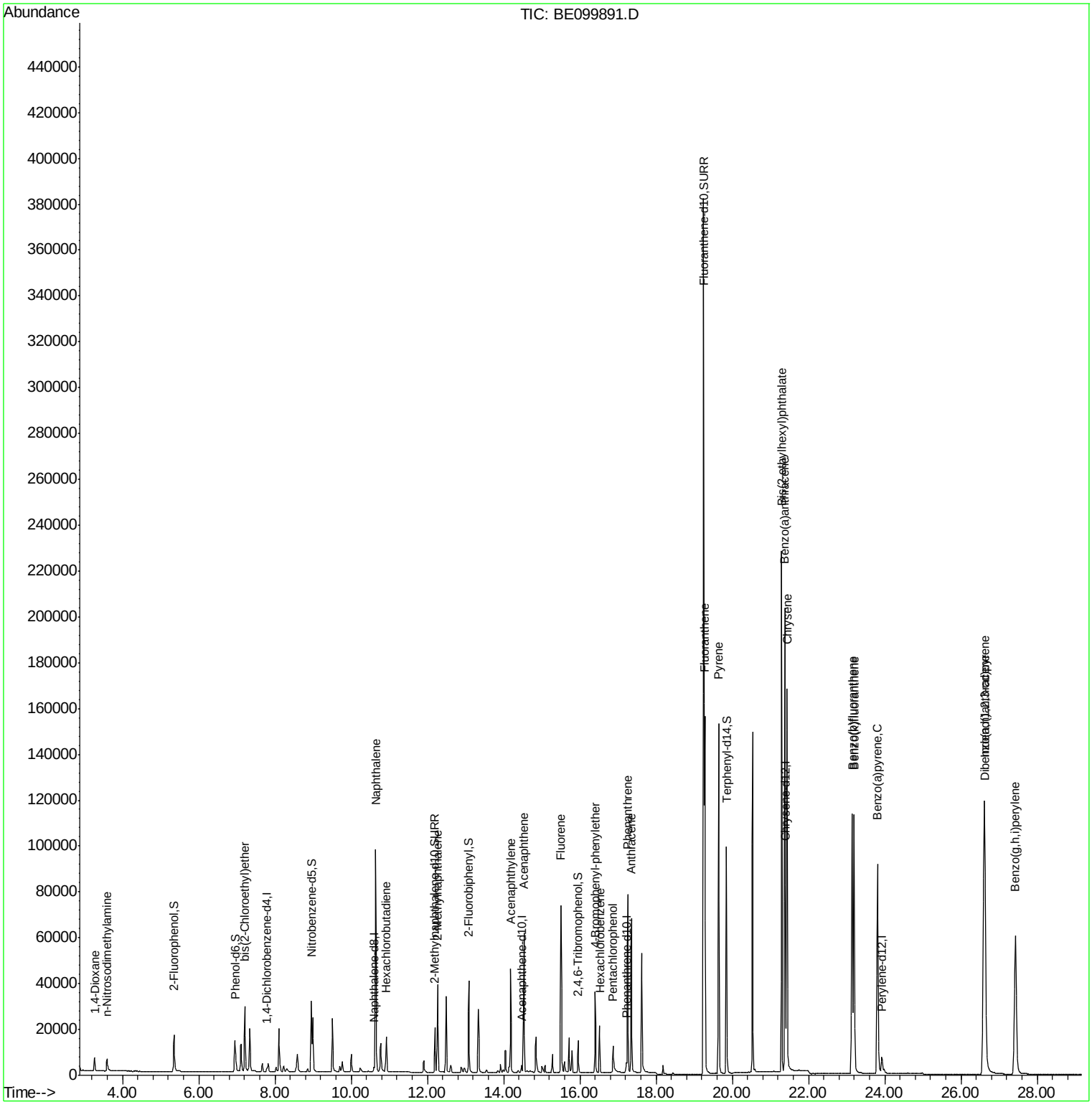
(#) = qualifier out of range (m) = manual integration (+) = signals summed

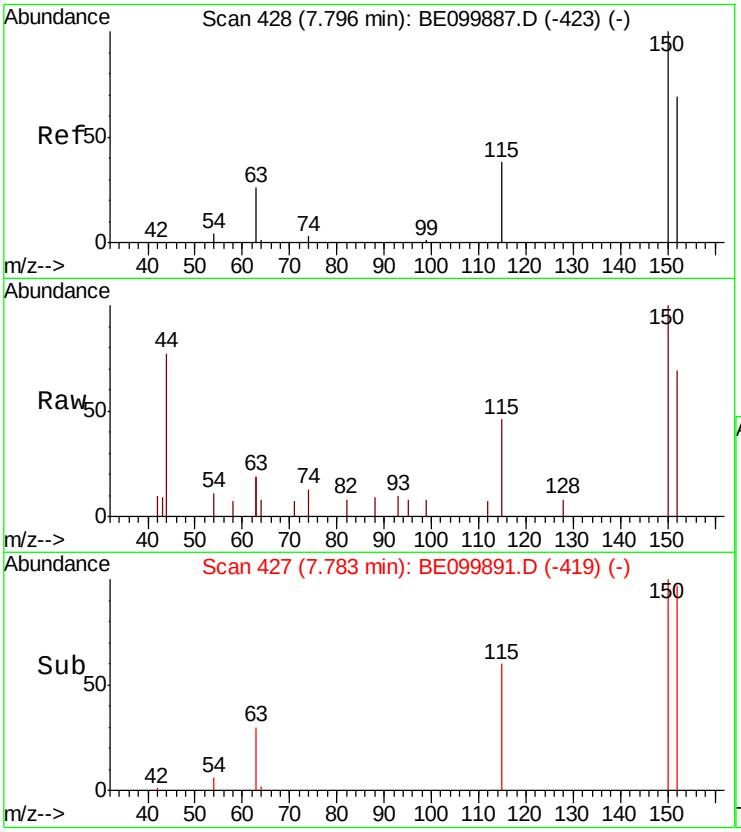
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
Data File : BE099891.D
Acq On : 10 Jun 2019 13:53
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Quant Time: Jun 10 14:54:45 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 14:31:35 2019
Response via : Initial Calibration



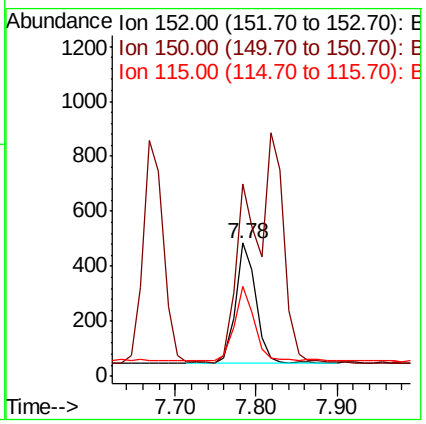


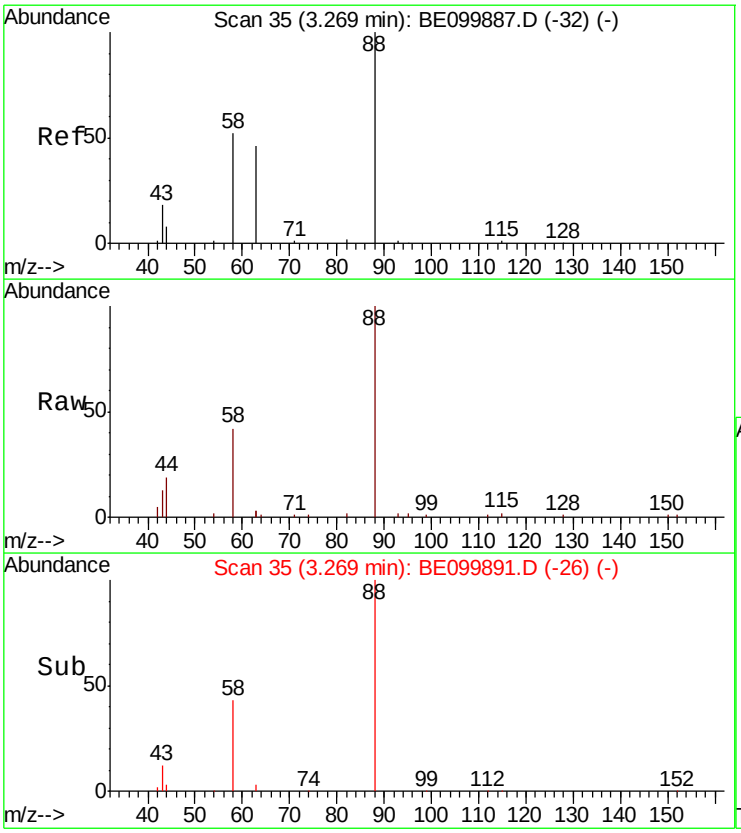
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 744

Ion	Ratio	Lower	Upper
152	100		
150	144.7	111.0	166.6
115	67.2	50.7	76.1

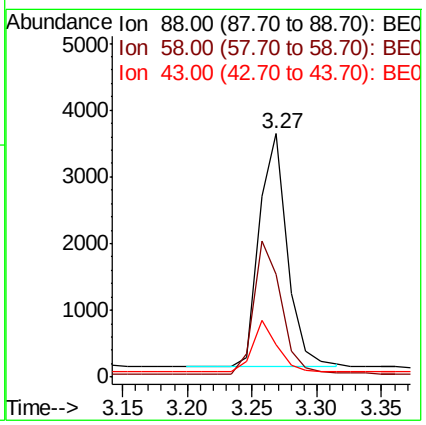


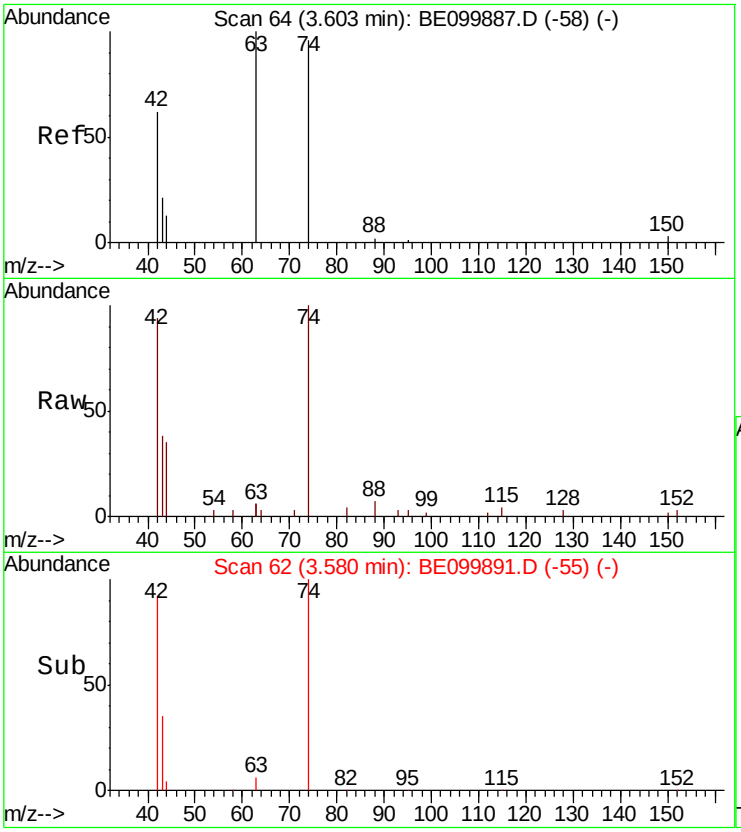


#2
1,4-Dioxane
Concen: 4.758 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion: 88 Resp: 5277

Ion	Ratio	Lower	Upper
88	100		
58	56.2	48.8	73.2
43	19.6	19.0	28.6



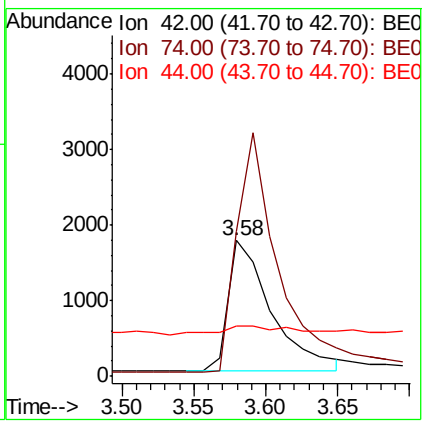


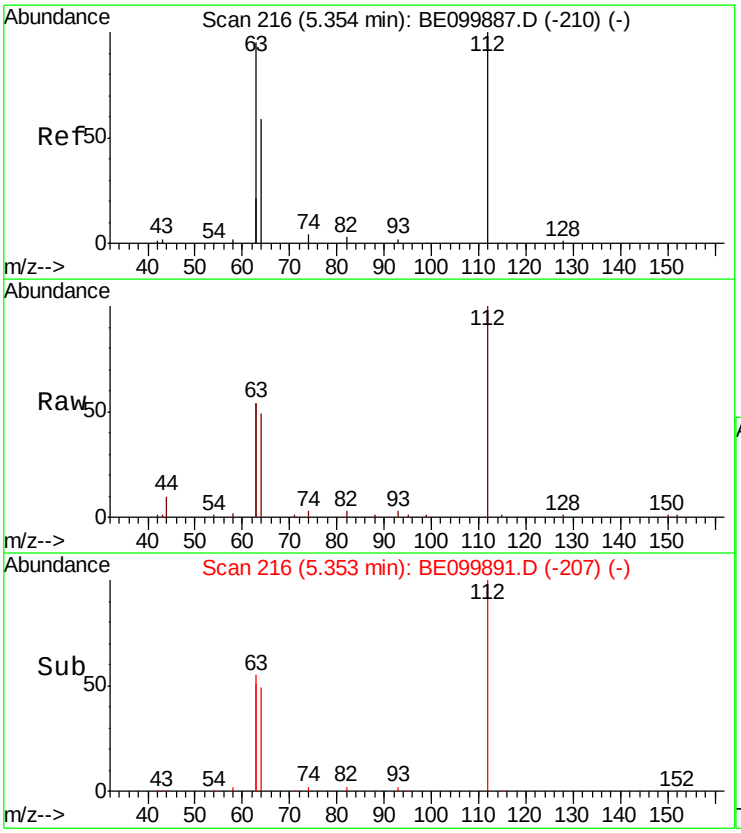
#3
n-Nitrosodimethylamine
Concen: 5.080 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.02 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 3605

Ion	Ratio	Lower	Upper
42	100		
74	176.1	0.0	0.0#
44	11.1	0.0	0.0#

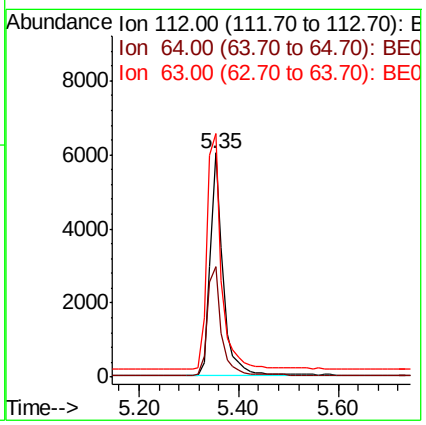


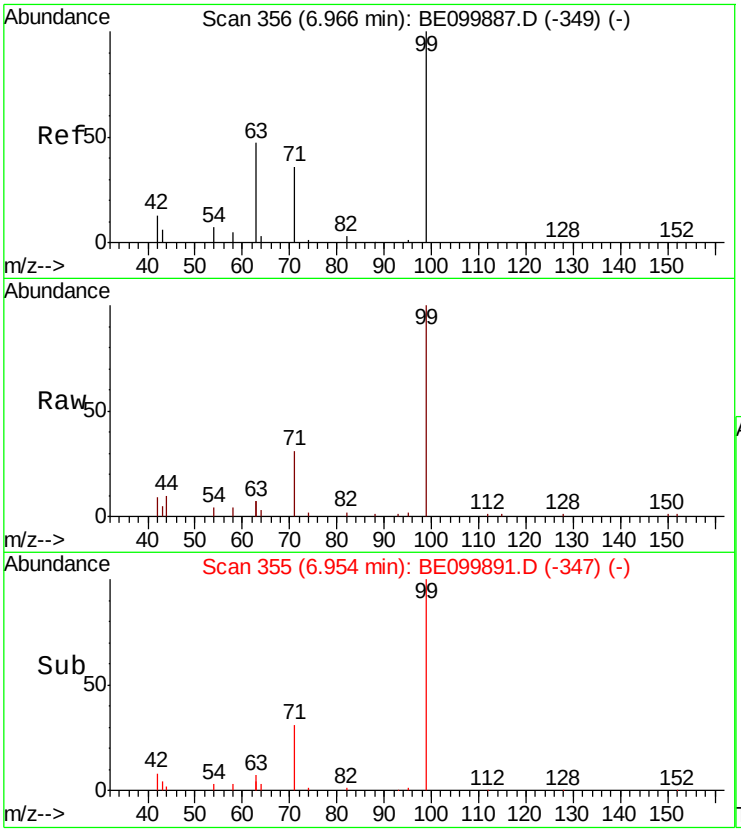


#4
2-Fluorophenol
Concen: 4.313 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:112 Resp: 10745

Ion	Ratio	Lower	Upper
112	100		
64	53.4	44.1	66.1
63	117.7	87.8	131.6



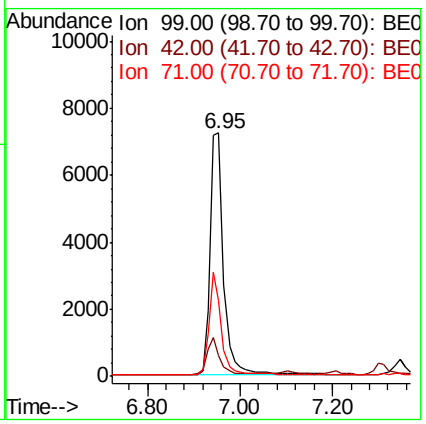


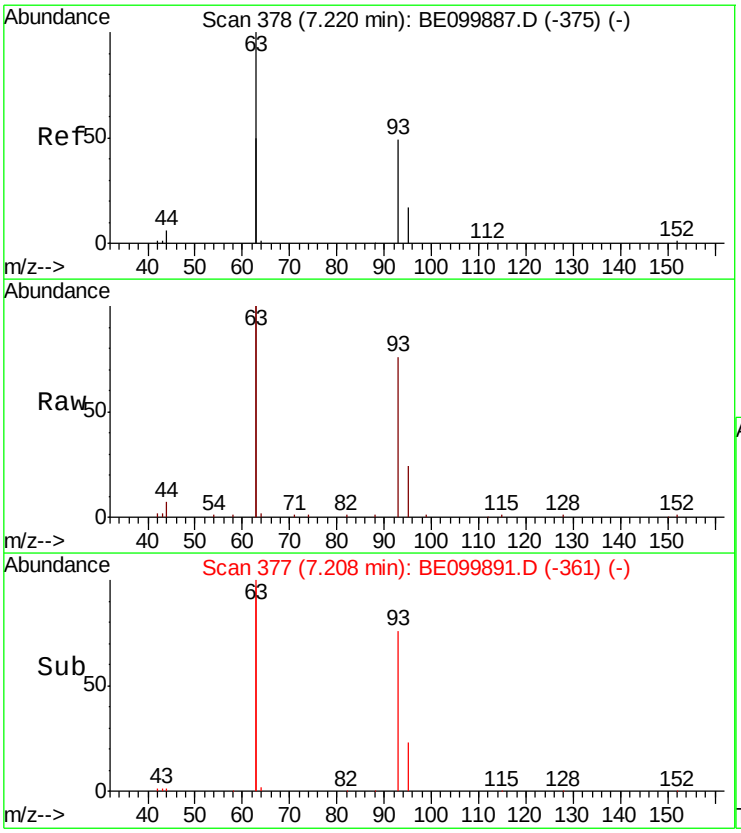
#5
Phenol-d6
Concen: 4.849 ng
RT: 6.95 min Scan# 355
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 14878

Ion	Ratio	Lower	Upper
99	100		
42	13.9	15.9	23.9#
71	38.3	34.6	52.0

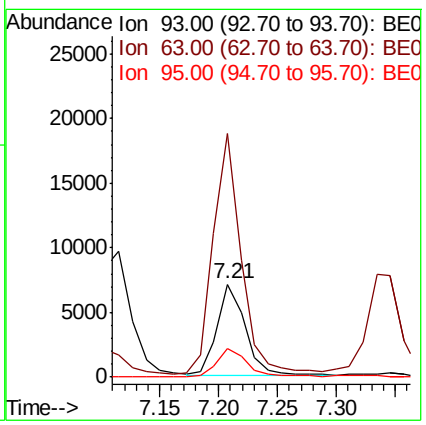


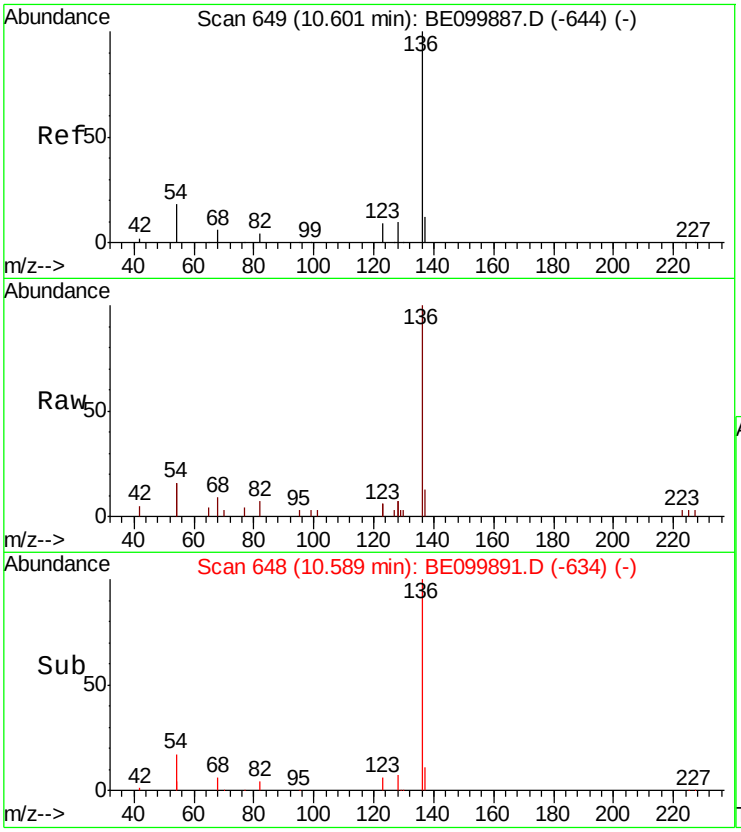


#6
bis(2-Chloroethyl)ether
Concen: 5.212 ng
RT: 7.21 min Scan# 377
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion: 93 Resp: 11758

Ion	Ratio	Lower	Upper
93	100		
63	257.5	202.8	304.2
95	31.6	23.7	35.5



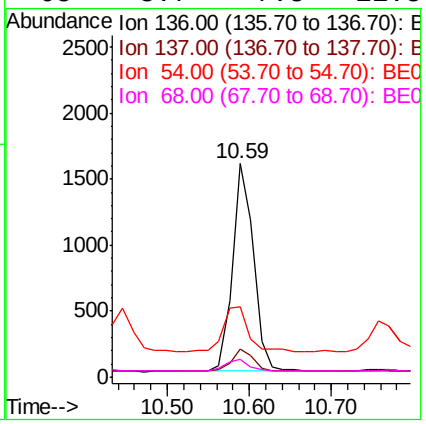


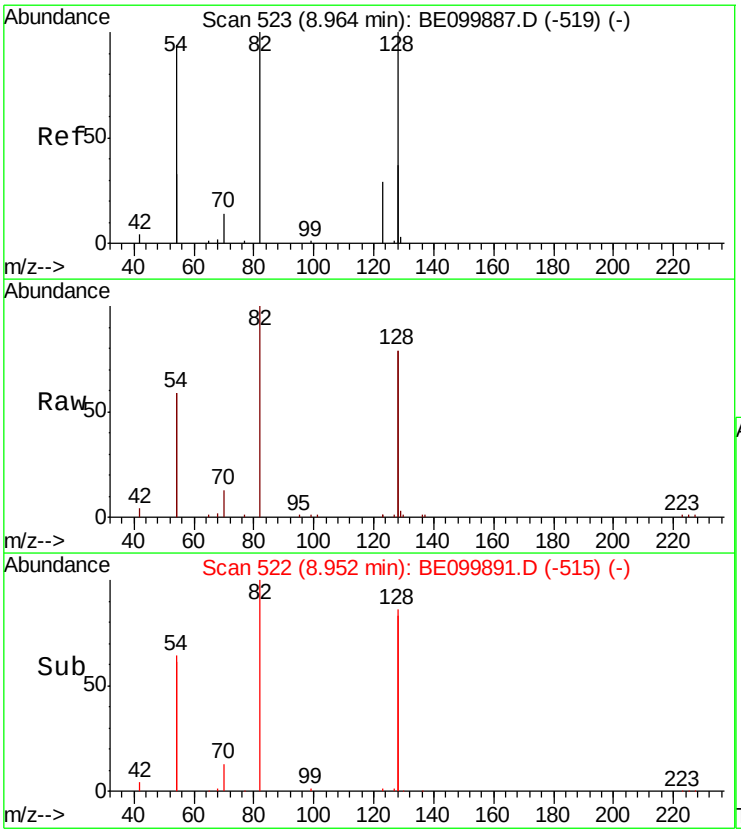
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 2823

Ion	Ratio	Lower	Upper
136	100		
137	13.2	12.3	18.5
54	32.8	28.2	42.4
68	8.7	7.8	11.8

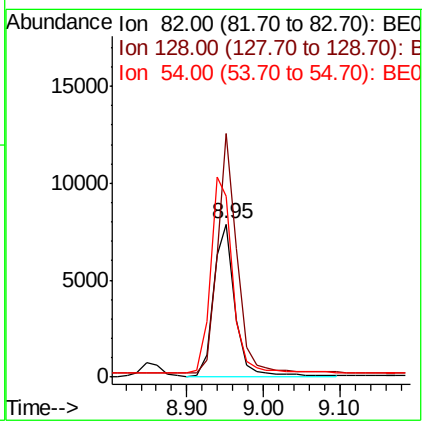


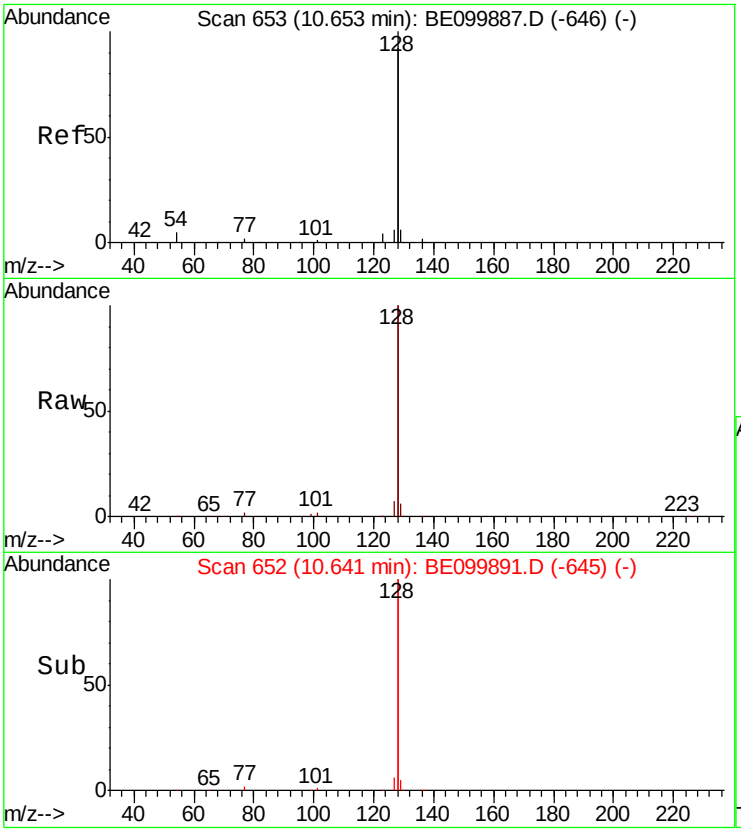


#8
Nitrobenzene-d5
Concen: 5.332 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion: 82 Resp: 15184

Ion	Ratio	Lower	Upper
82	100		
128	159.0	137.3	205.9
54	118.1	129.7	194.5#



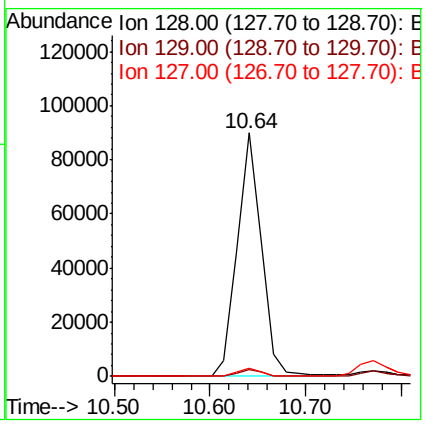


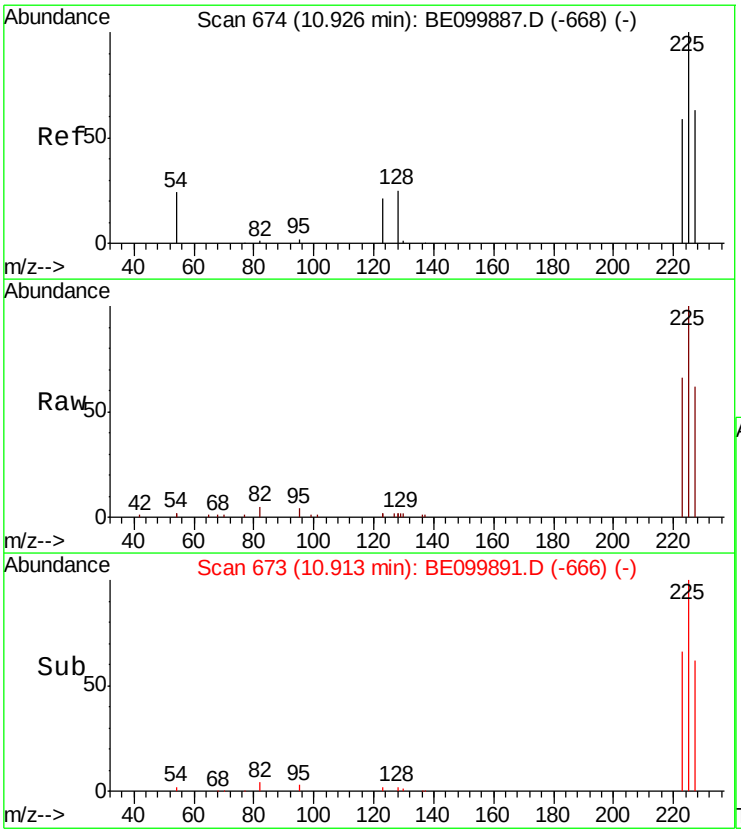
#9
Naphthalene
Concen: 5.075 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 155687

Ion	Ratio	Lower	Upper
128	100		
129	2.8	3.0	4.6#
127	3.3	3.4	5.0#

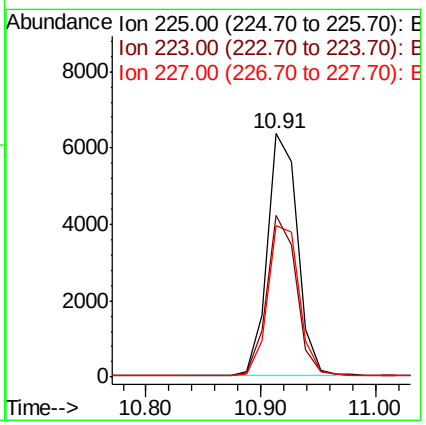


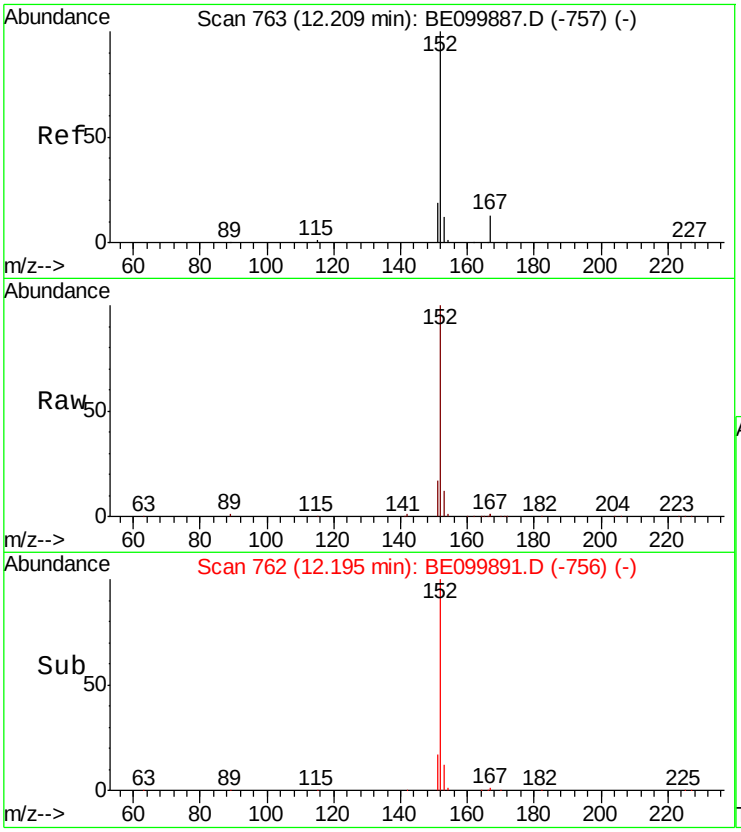


#10
Hexachlorobutadiene
Concen: 5.175 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:225 Resp: 11675

Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.6	77.4
227	64.4	50.6	76.0



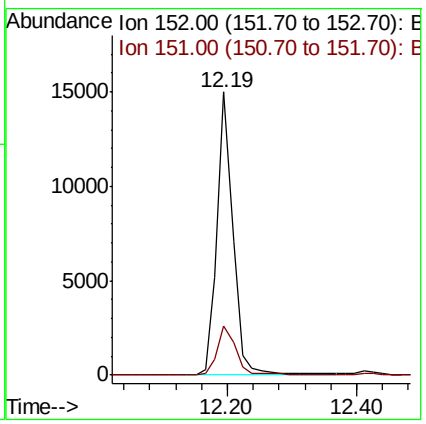


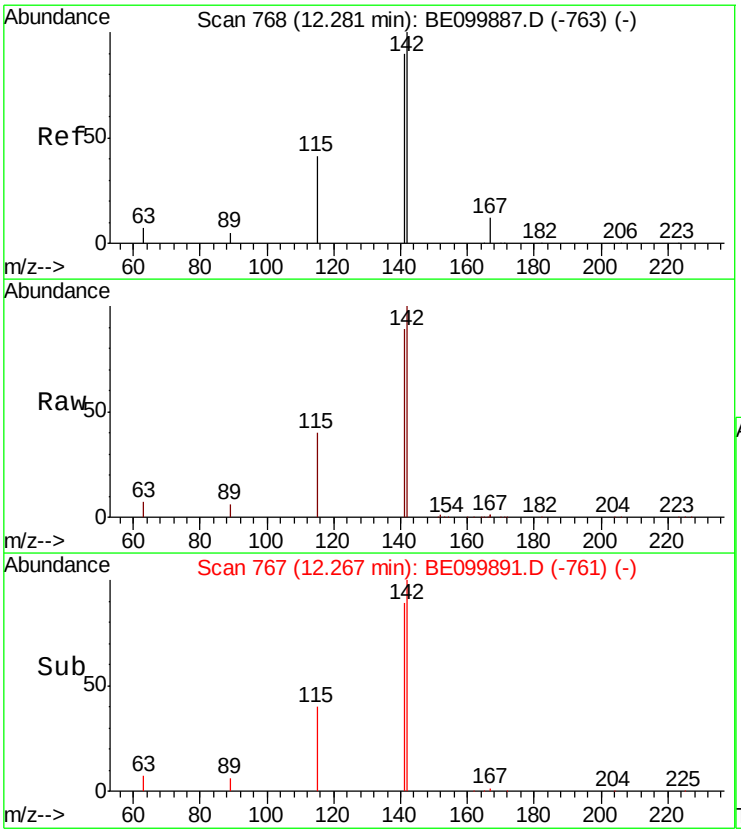
#11
2-Methylnaphthalene-d10
Concen: 4.950 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 25286

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8

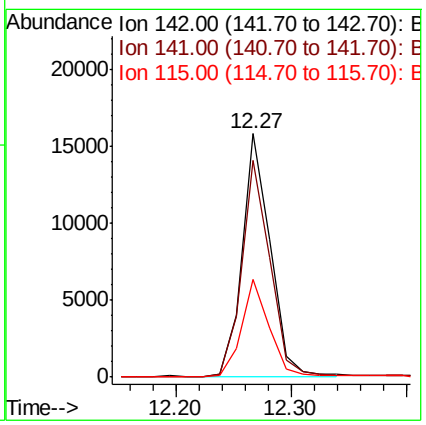


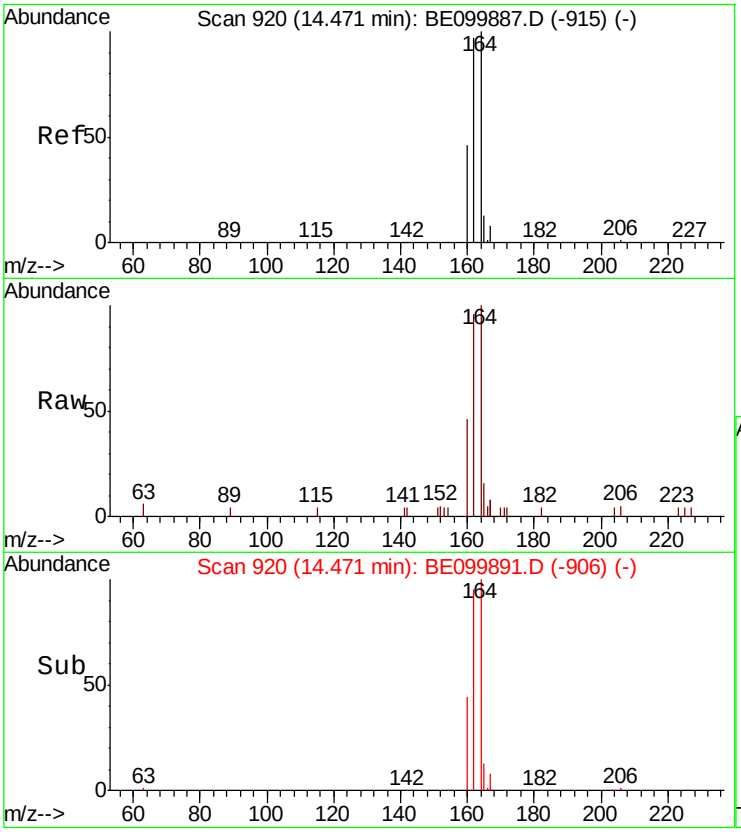


#12
2-Methylnaphthalene
Concen: 5.082 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:142 Resp: 26507

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.3	108.5
115	40.1	36.4	54.6



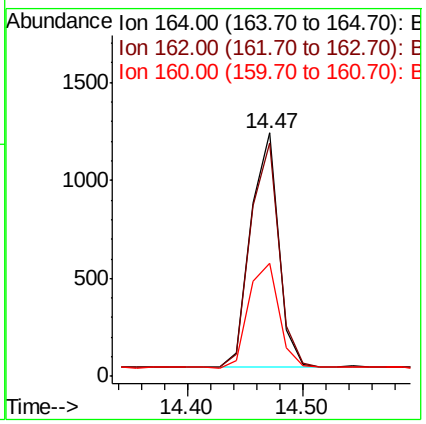


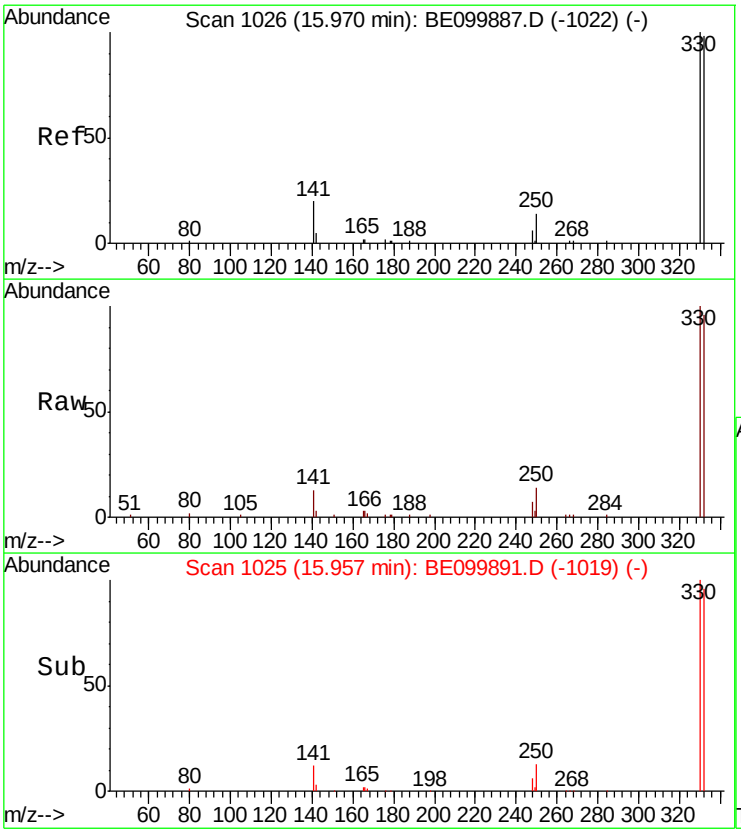
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 2006

Ion	Ratio	Lower	Upper
164	100		
162	95.7	77.8	116.8
160	46.4	38.2	57.4

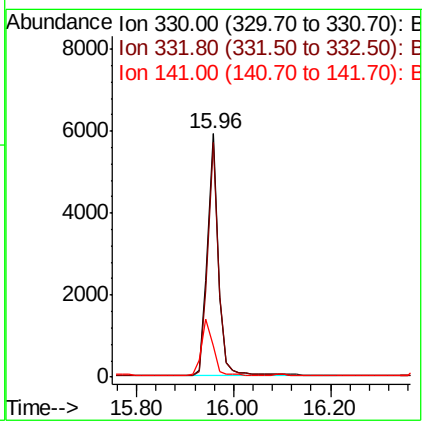


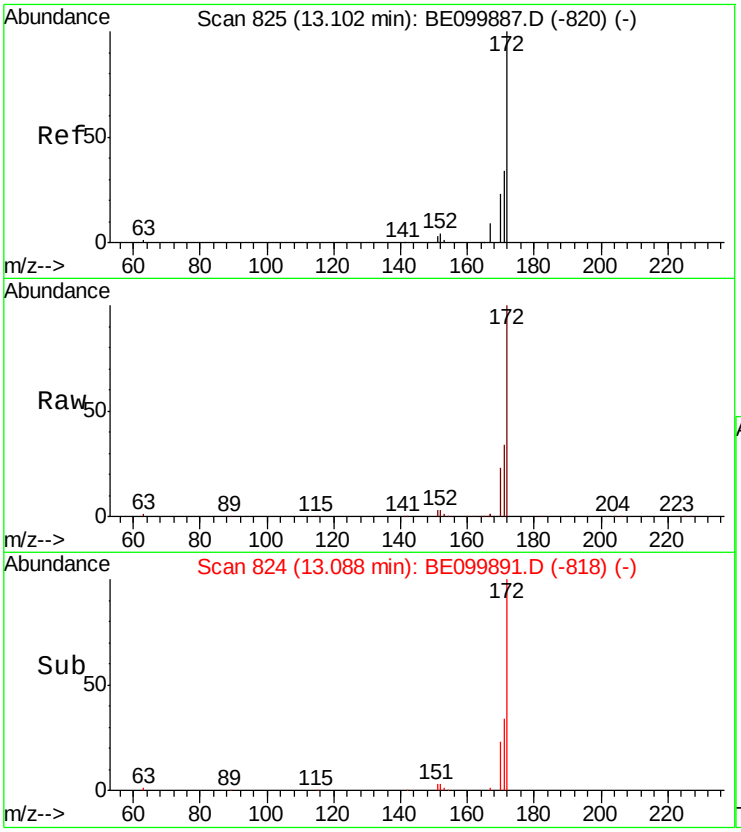


#14
2,4,6-Tribromophenol
Concen: 4.453 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:330 Resp: 8837

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.7	115.1
141	23.9	21.0	31.6



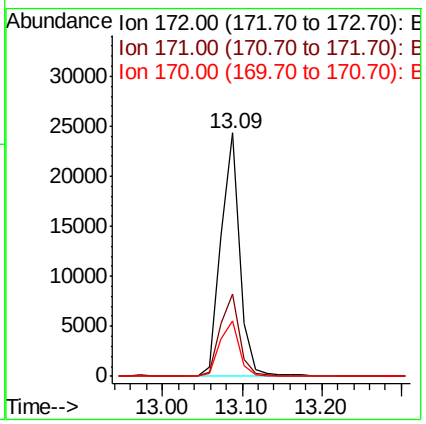


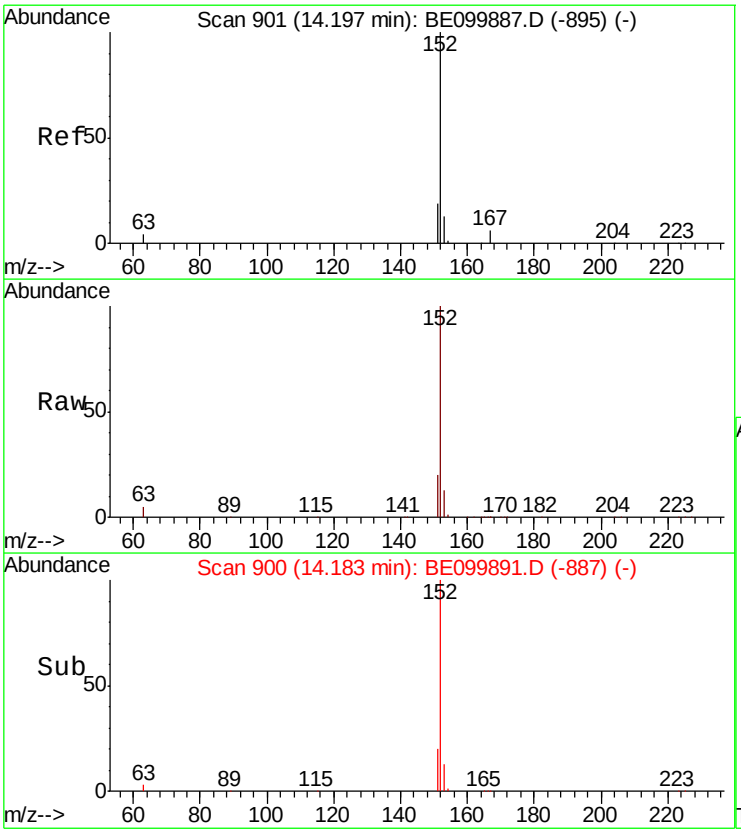
#15
2-Fluorobiphenyl
Concen: 5.479 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 39723

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.2	43.8
170	22.9	21.2	31.8

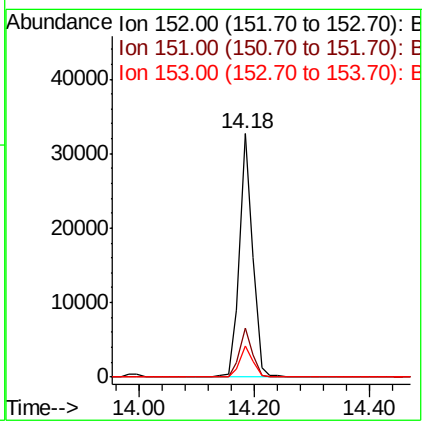


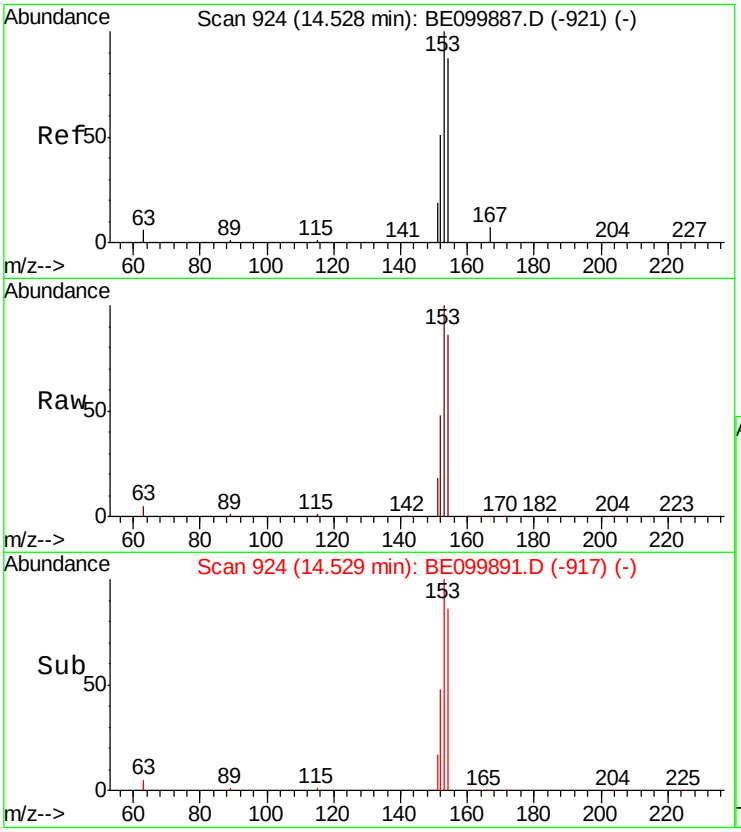


#16
Acenaphthylene
Concen: 5.210 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:152 Resp: 51752

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.9	10.2	15.2



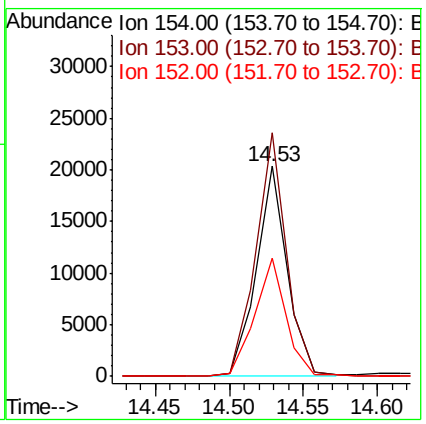


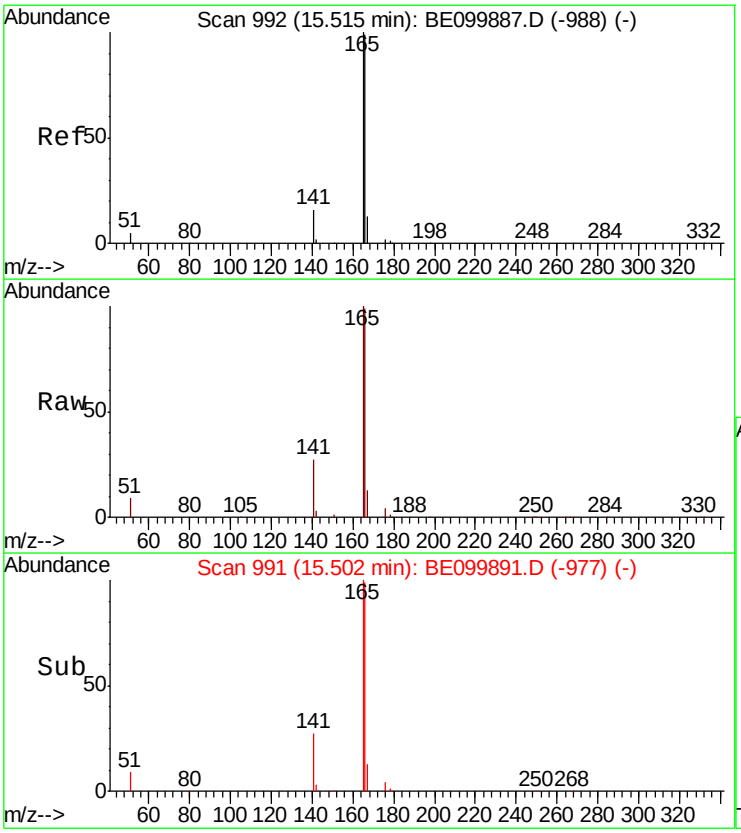
#17
Acenaphthene
Concen: 5.313 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 28927

Ion	Ratio	Lower	Upper
154	100		
153	115.1	93.1	139.7
152	56.9	47.0	70.4

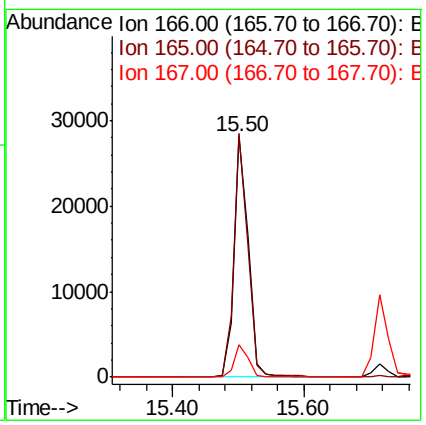


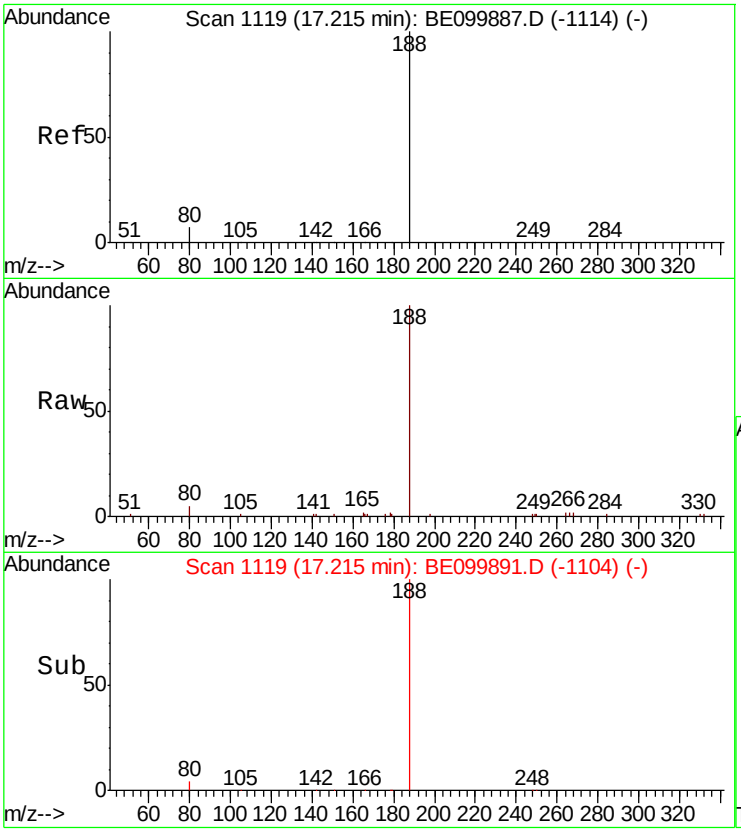


#18
Fluorene
Concen: 5.156 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:166 Resp: 42955

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.8	122.8
167	13.4	11.2	16.8



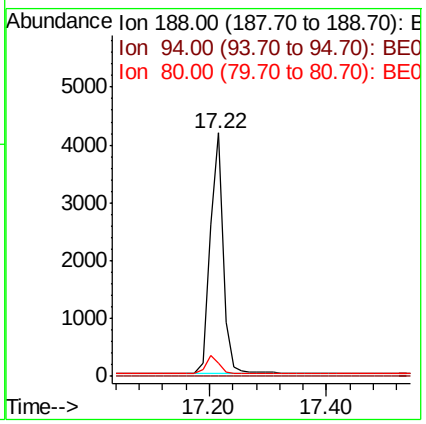


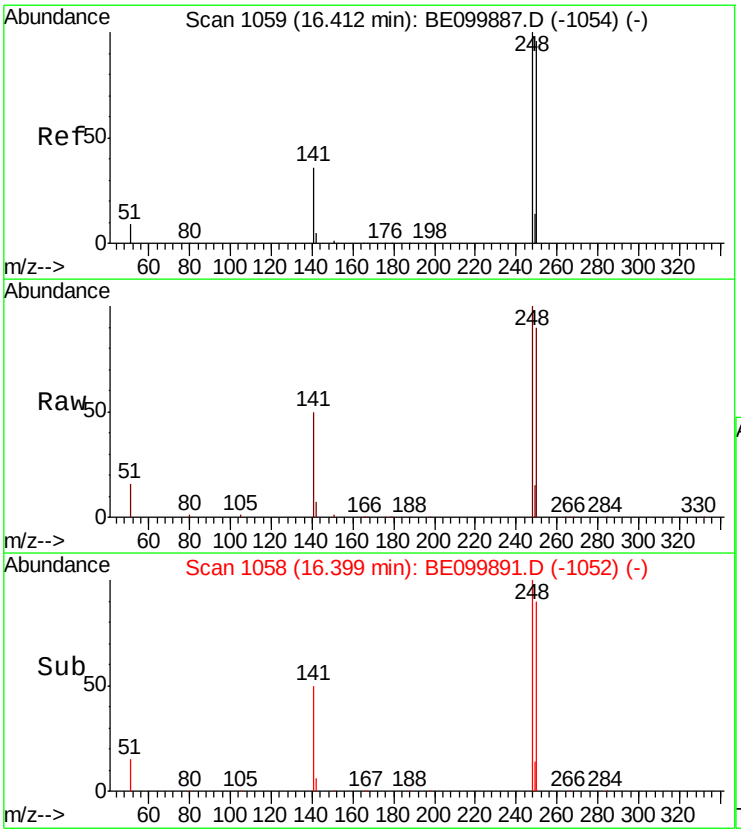
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 6518

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.2	6.4	9.6#

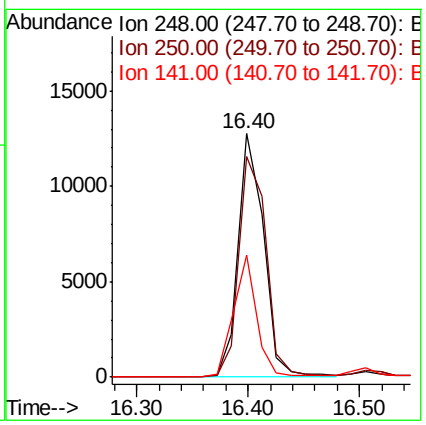


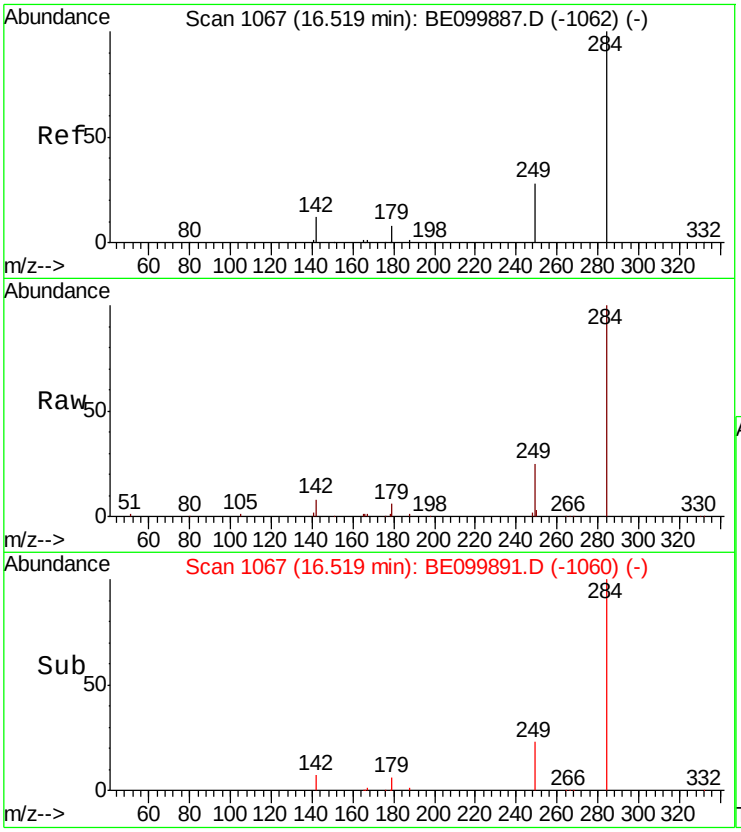


#20
4-Bromophenyl-phenylether
Concen: 5.349 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:248 Resp: 19984

Ion	Ratio	Lower	Upper
248	100		
250	90.4	77.5	116.3
141	50.1	31.8	47.8#



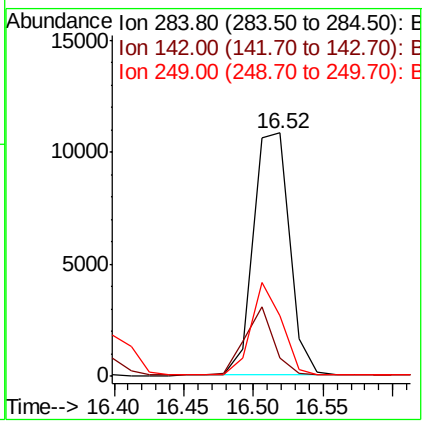


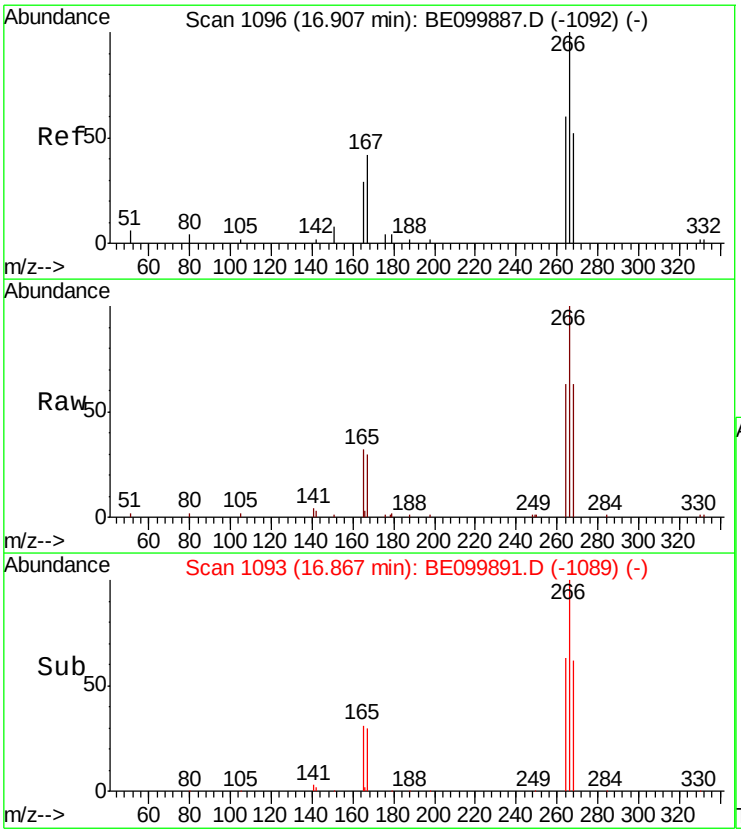
#21
Hexachlorobenzene
Concen: 5.383 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 19612

Ion	Ratio	Lower	Upper
284	100		
142	22.6	18.2	27.4
249	32.0	24.6	37.0

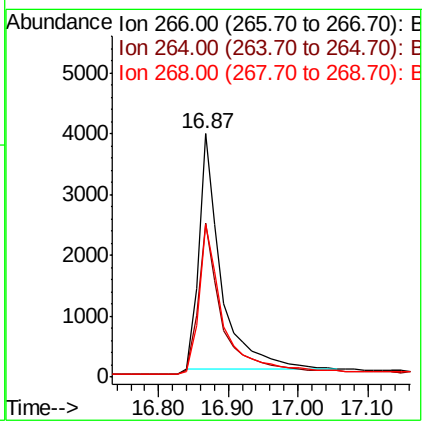


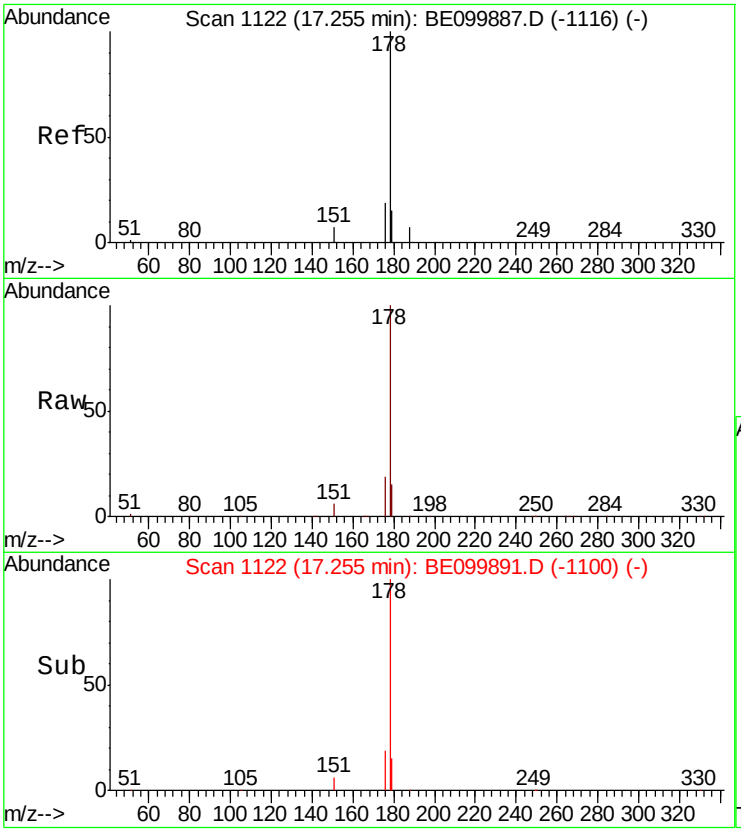


#22
Pentachlorophenol
Concen: 7.748 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:266 Resp: 8757

Ion	Ratio	Lower	Upper
266	100		
264	63.4	62.2	93.2
268	63.0	65.5	98.3#



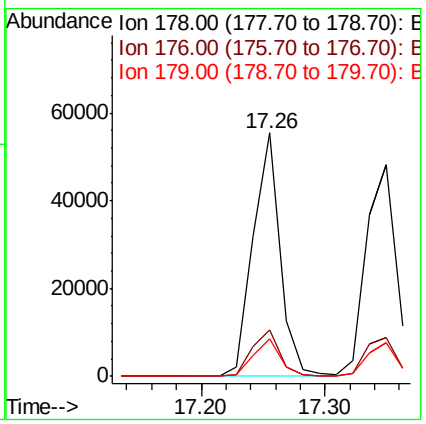


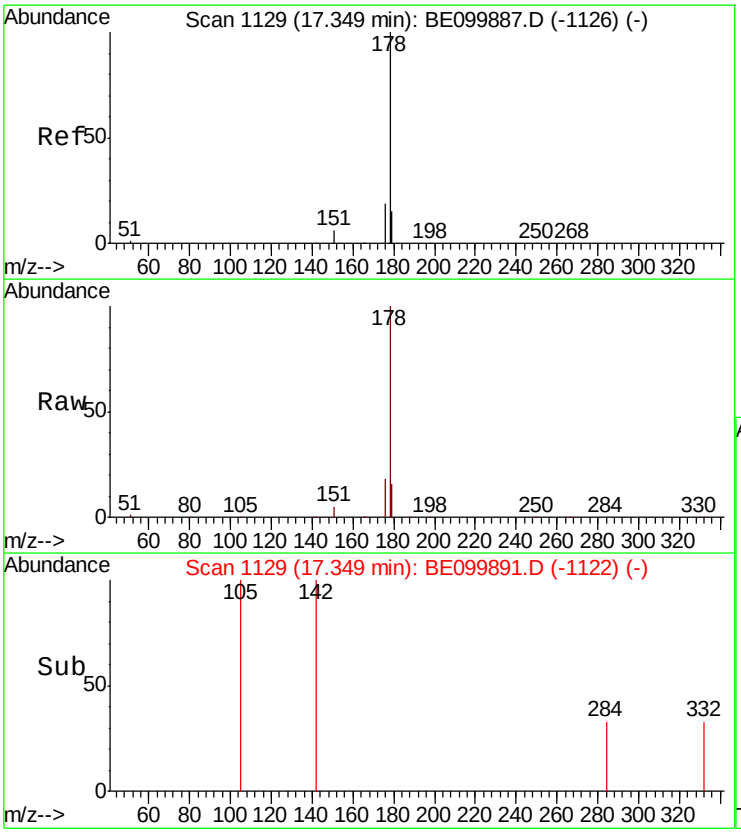
#23
Phenanthrene
Concen: 5.180 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 83733

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.2	12.4	18.6

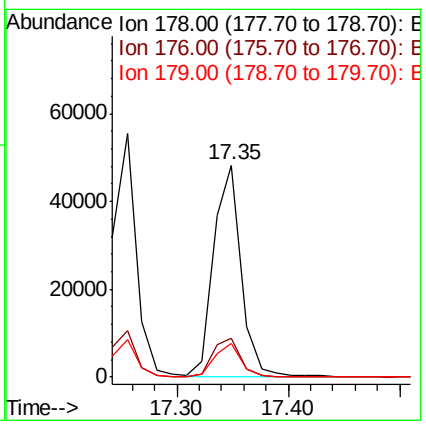


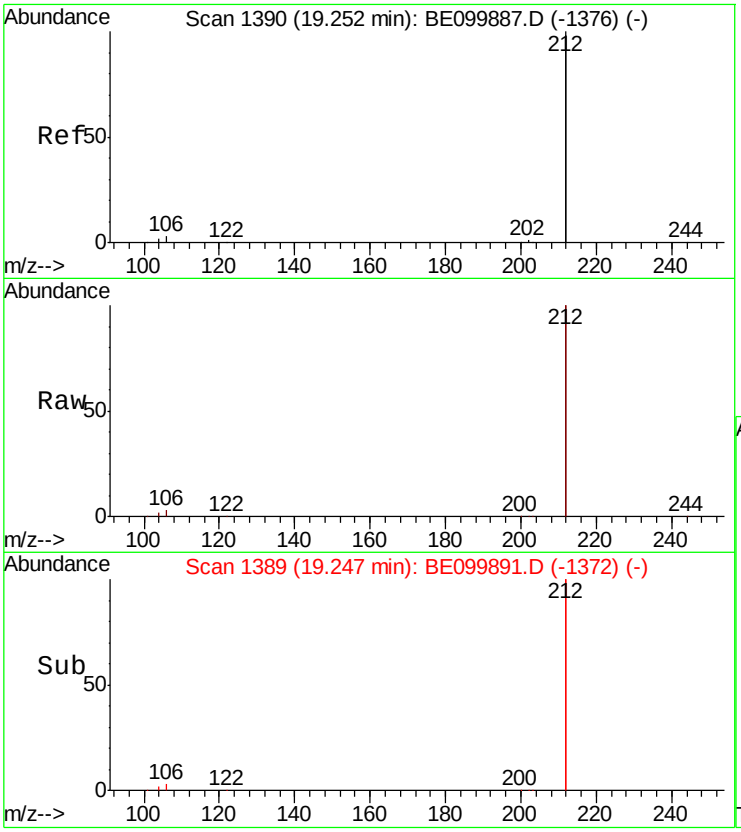


#24
Anthracene
Concen: 5.292 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:178 Resp: 81997

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.1	12.3	18.5



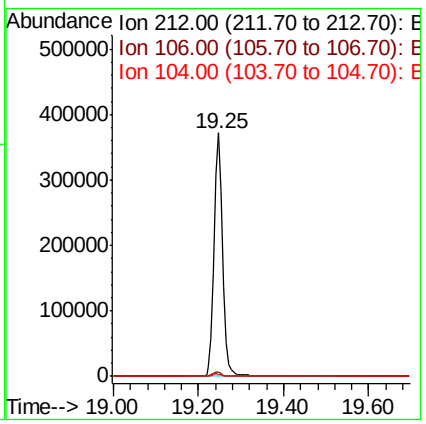


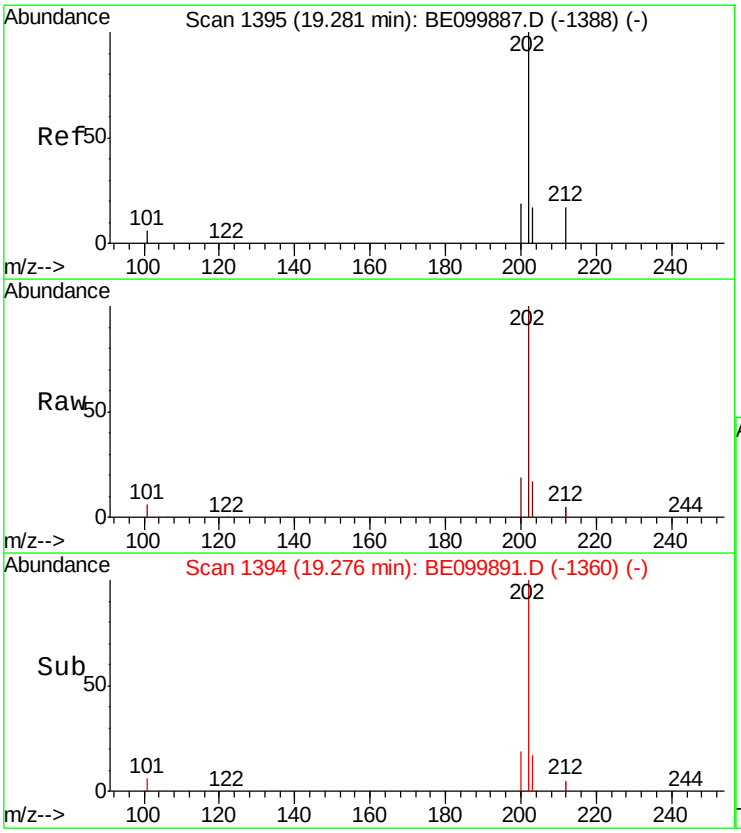
#25
Fluoranthene-d10
Concen: 4.921 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 497141

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

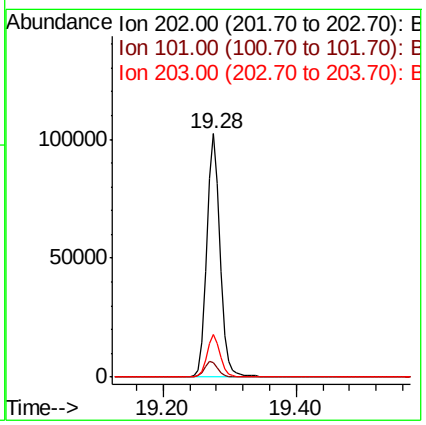


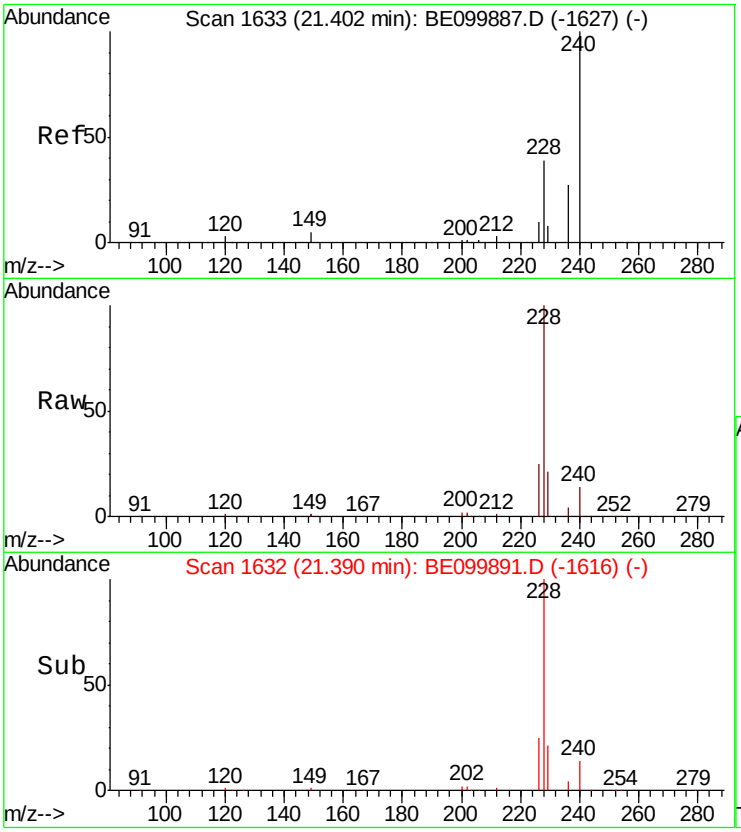


#26
Fluoranthene
Concen: 4.927 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:202 Resp: 140557

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.4	8.0
203	17.4	13.2	19.8



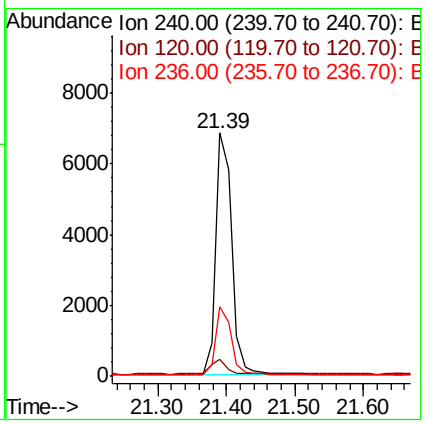


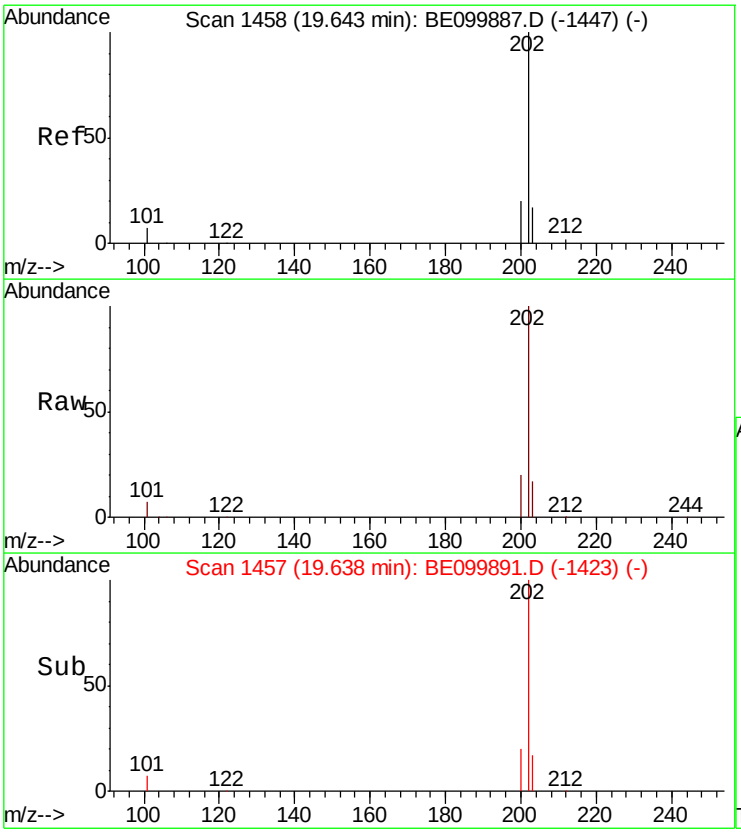
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 11035

Ion	Ratio	Lower	Upper
240	100		
120	7.1	3.8	5.6#
236	28.4	22.0	33.0

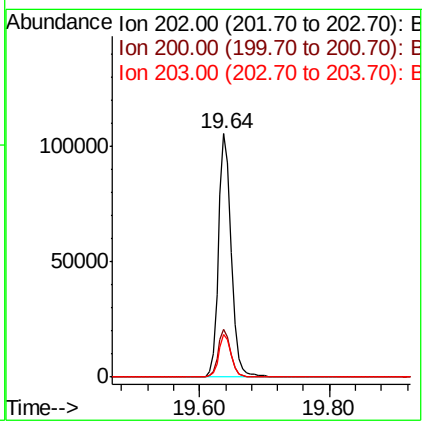


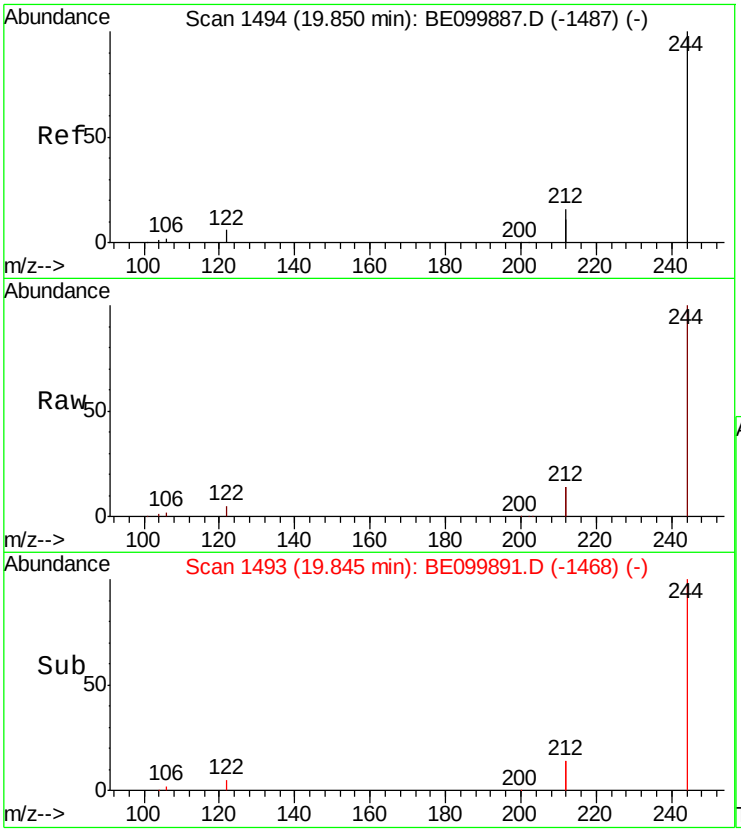


#28
Pyrene
Concen: 4.990 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:202 Resp: 145745

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	17.5	14.0	21.0



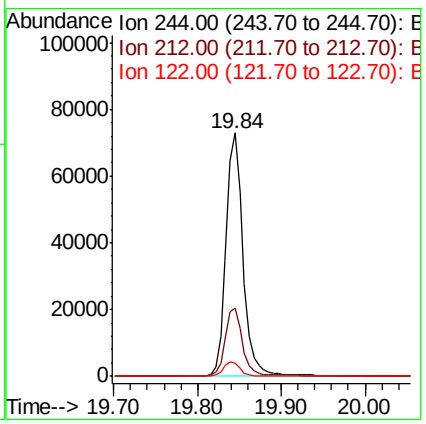


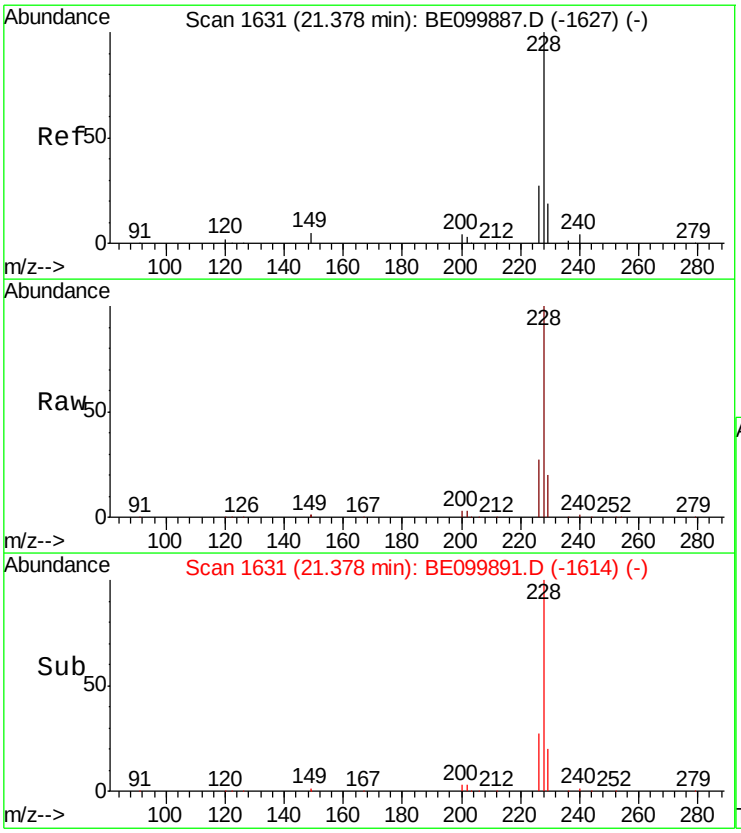
#29
Terphenyl-d14
Concen: 5.003 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 102937

Ion	Ratio	Lower	Upper
244	100		
212	28.0	25.7	38.5
122	5.2	5.5	8.3#

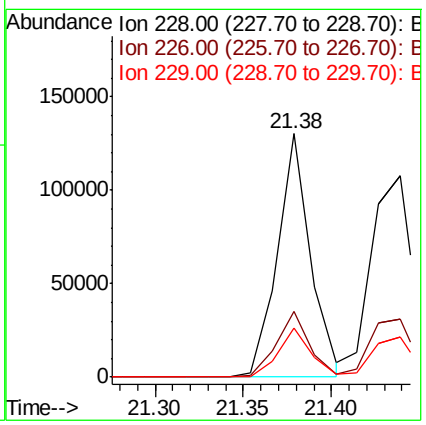


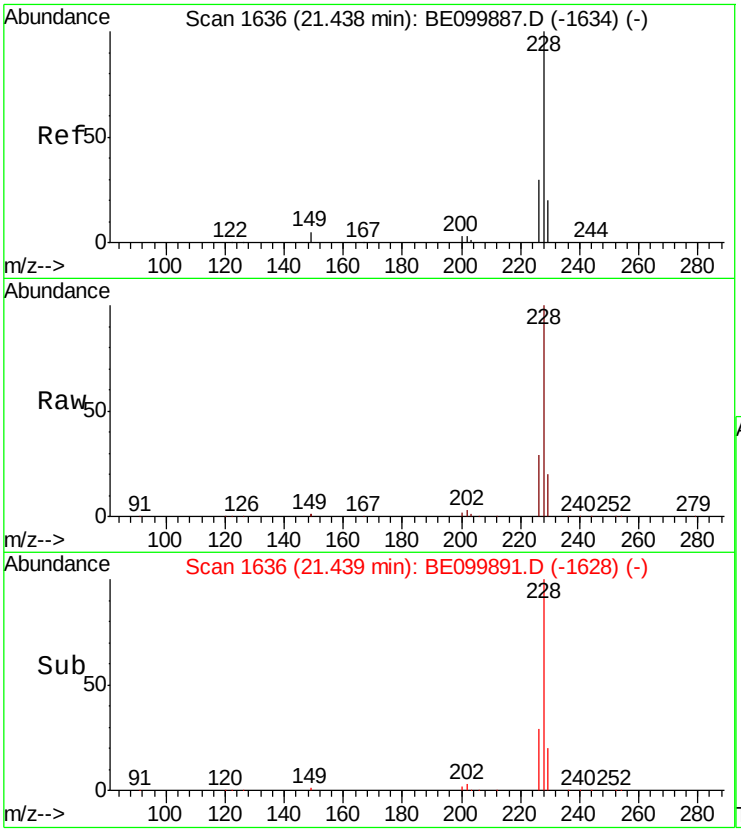


#30
Benzo(a)anthracene
Concen: 4.834 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:228 Resp: 169489

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.5	33.7
229	19.9	15.9	23.9



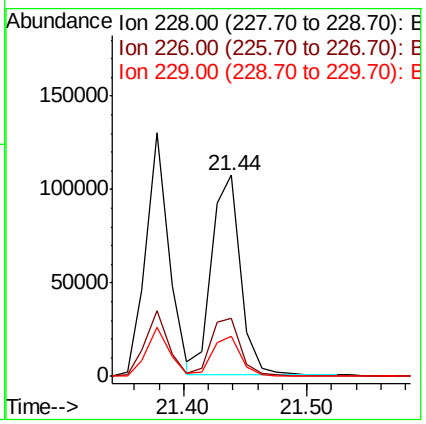


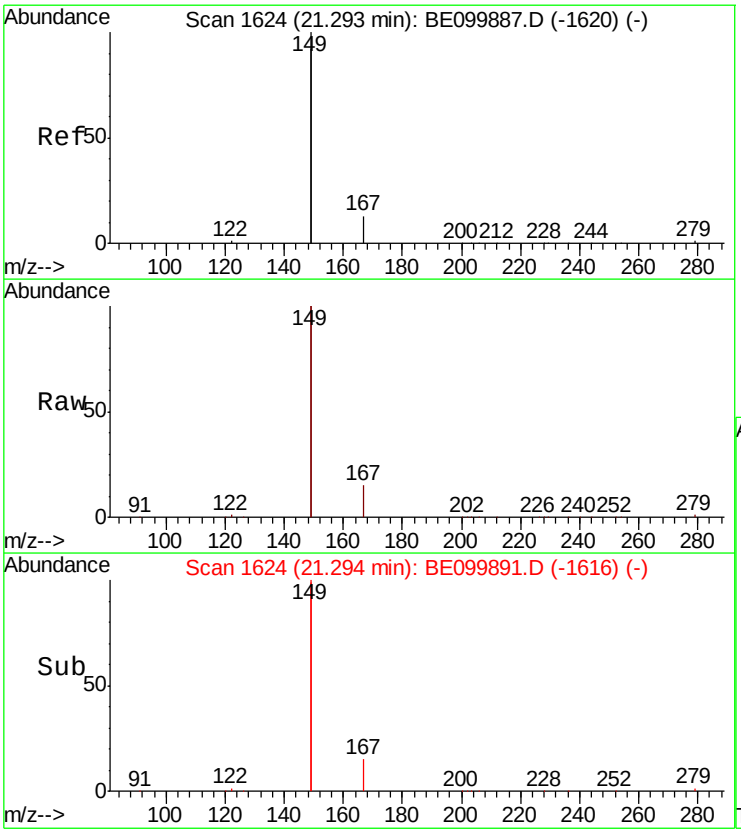
#31
Chrysene
Concen: 5.078 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 174831

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.1	36.1
229	20.1	16.1	24.1

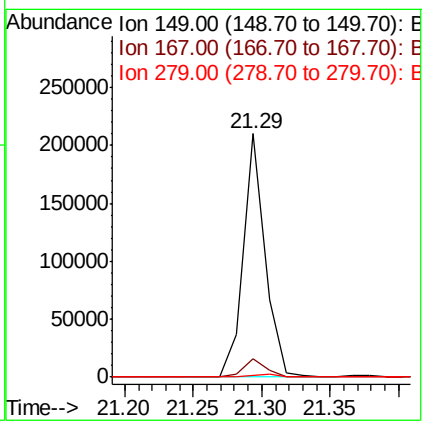


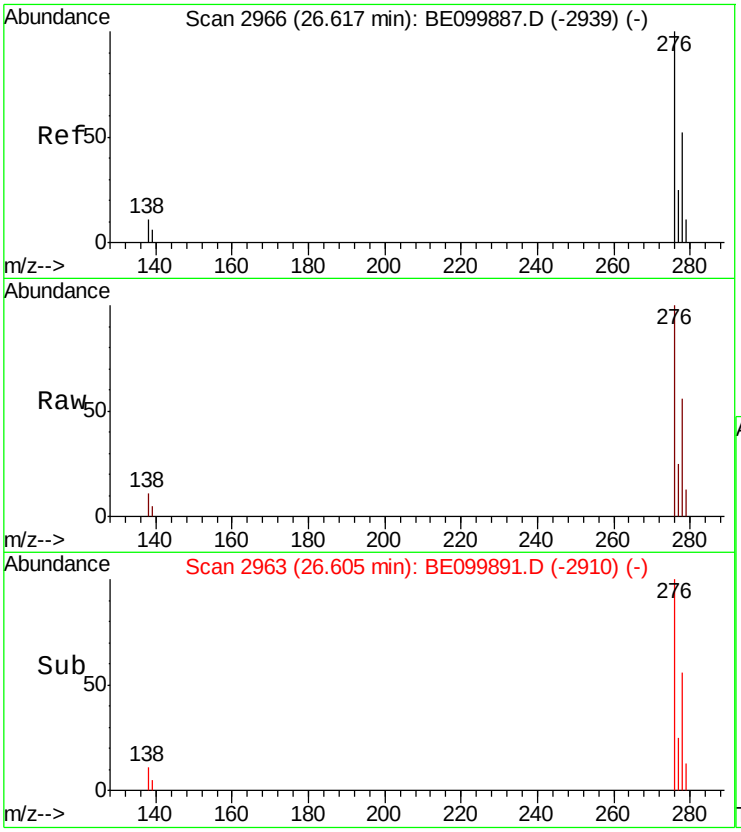


#32
Bis(2-ethylhexyl)phthalate
Concen: 4.041 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:149 Resp: 231049

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.4	1.2	1.8



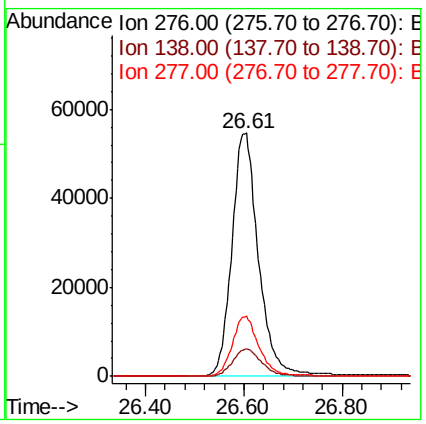


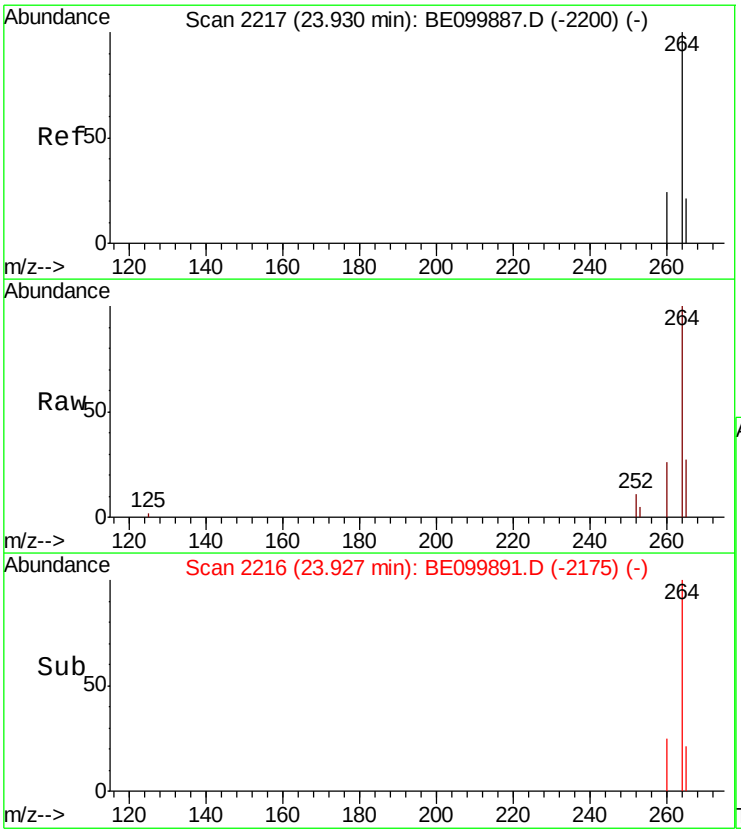
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.889 ng
RT: 26.61 min Scan# 2963
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 205053

Ion	Ratio	Lower	Upper
276	100		
138	12.2	10.1	15.1
277	24.7	19.1	28.7

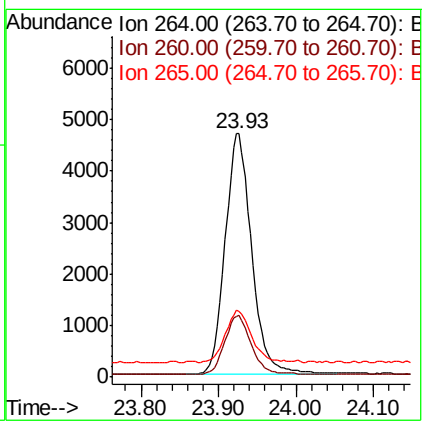


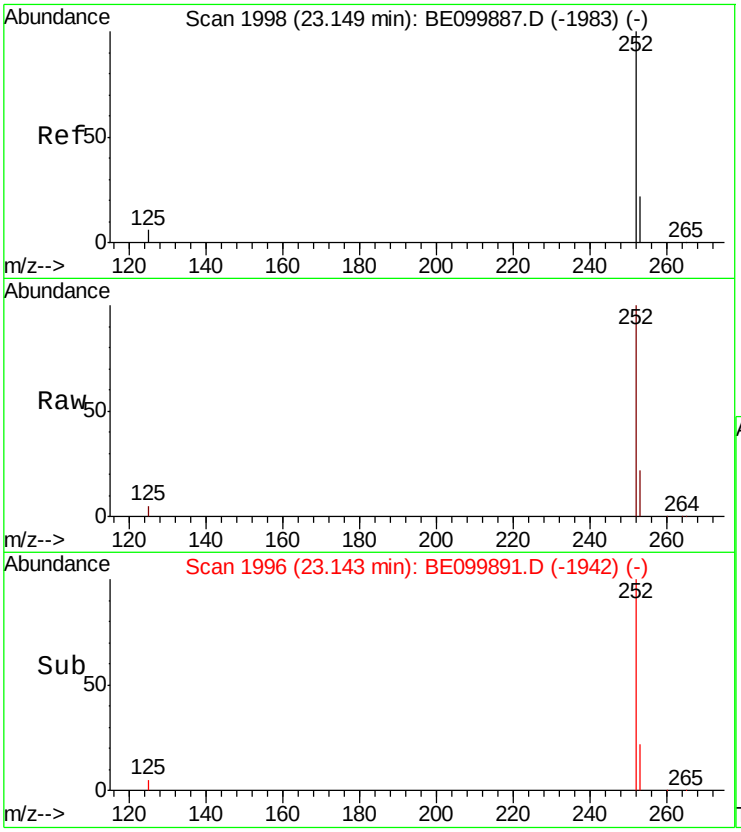


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:264 Resp: 11091

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	26.9	22.0	33.0



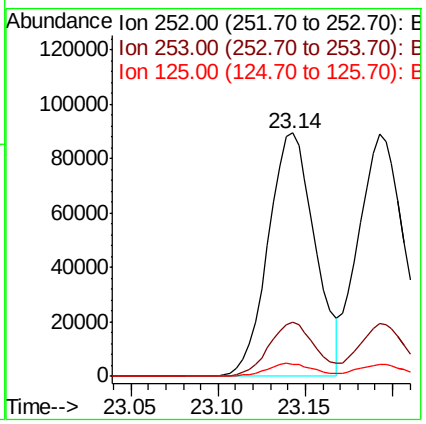


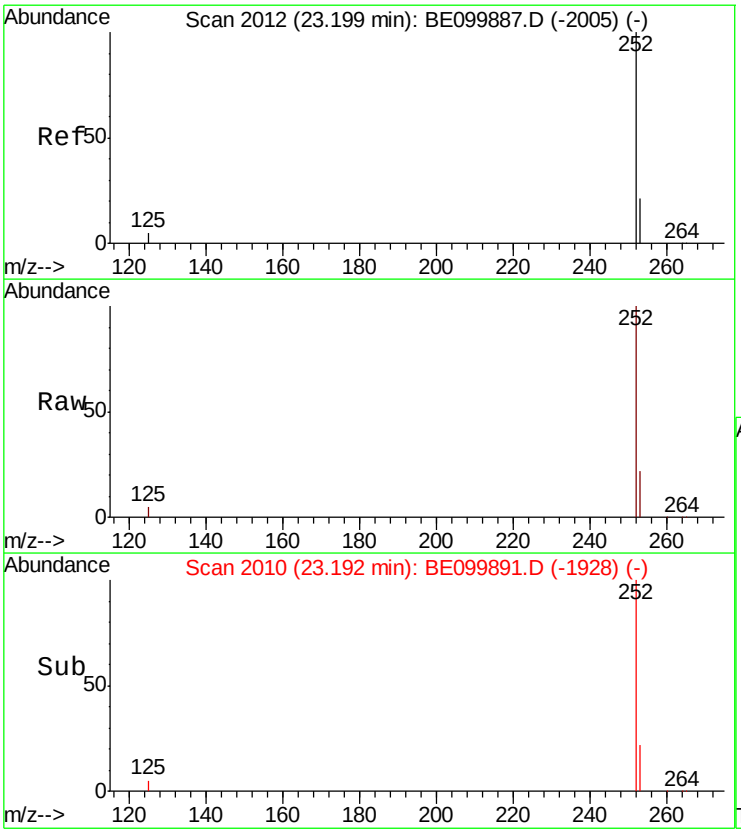
#35
Benzo(b)fluoranthene
Concen: 5.421 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 166954

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.7	28.1
125	5.0	5.7	8.5#

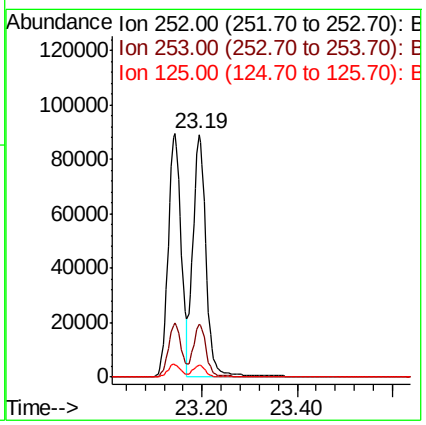


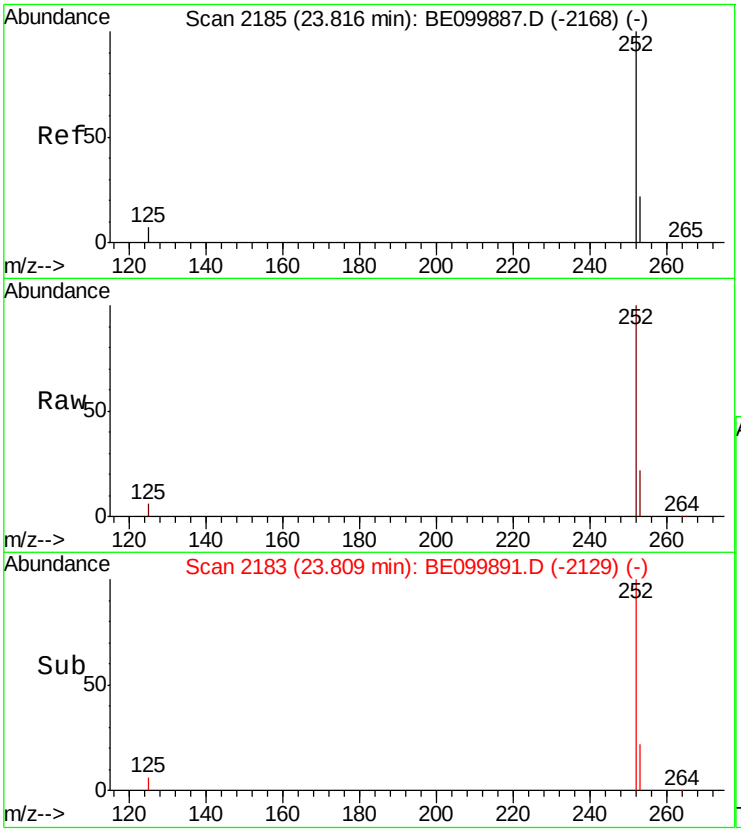


#36
Benzo(k)fluoranthene
Concen: 5.550 ng
RT: 23.19 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:252 Resp: 171058

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	28.0
125	5.0	5.4	8.0#



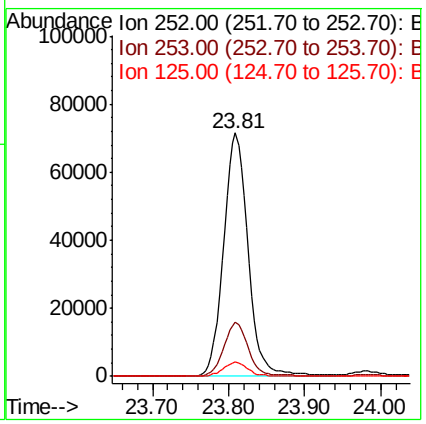


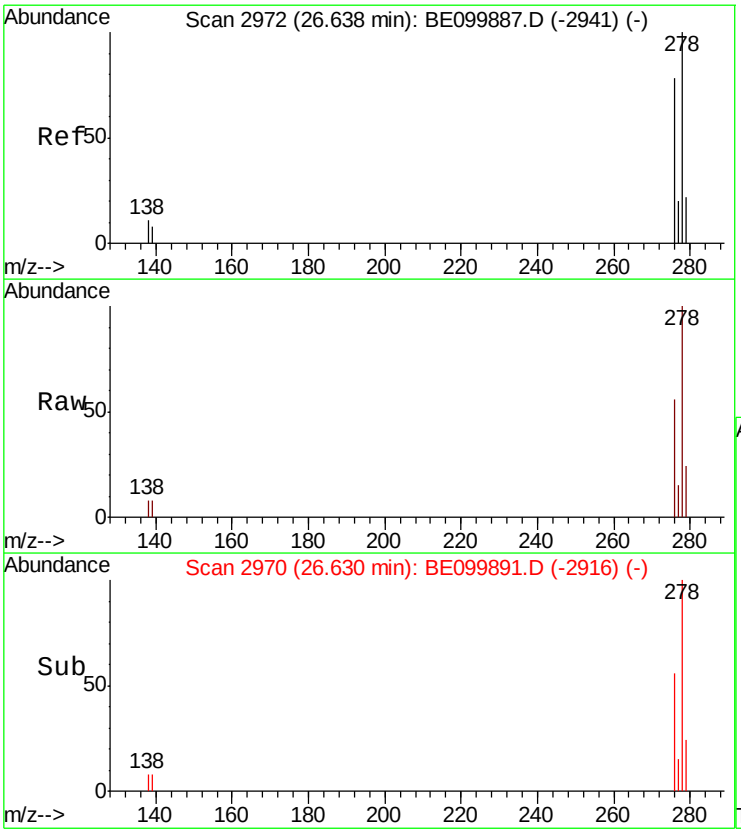
#37
Benzo(a)pyrene
Concen: 5.313 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 158825

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.6	29.4
125	5.8	6.6	10.0#

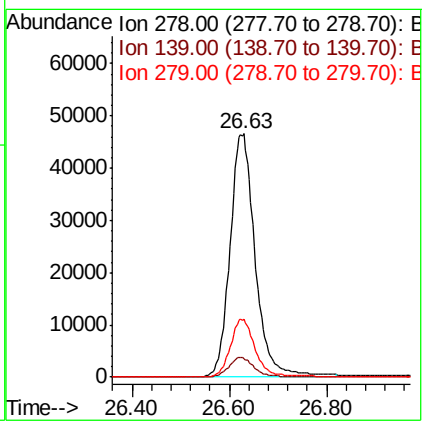


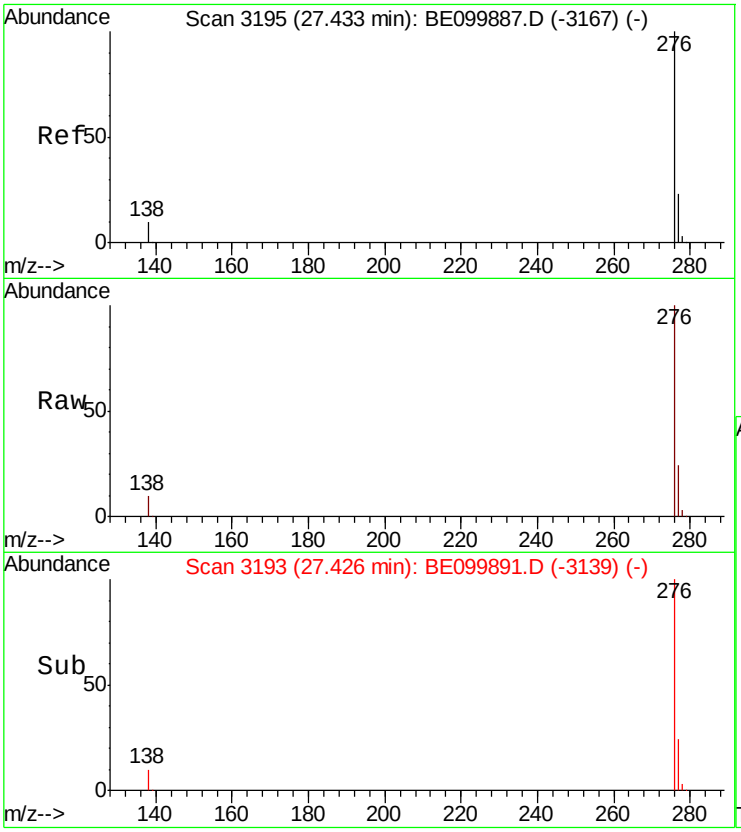


#38
Dibenzo(a,h)anthracene
Concen: 5.484 ng
RT: 26.63 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Tgt Ion:278 Resp: 167602

Ion	Ratio	Lower	Upper
278	100		
139	7.7	7.8	11.8#
279	23.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 5.409 ng
RT: 27.43 min Scan# 3193
Delta R.T. -0.01 min
Lab File: BE099891.D
Acq: 10 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 167951

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	10.5	9.5	14.3