Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
Data File : BE099275.D
Acq On : 2 Apr 2019 15:08
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Apr 02 15:48:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 14:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3158	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	12149	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	8667	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	25444	0.40	ng		0.00
27) Chrysene-d12	21.37	240	38018	0.40	ng		0.00
34) Perylene-d12	23.86	264	37017	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	27942	2.96	ng		0.00
5) Phenol-d6	6.97	99	39172	2.72	ng		0.00
8) Nitrobenzene-d5	8.96	82	29482	2.97	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	71642	3.06	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	14990	4.90	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	109543	3.10	ng		0.00
25) Fluoranthene-d10	19.22	212	1116223	3.62	ng		0.00
29) Terphenyl-d14	19.82	244	232172	2.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	14271	3.427	ng		91
3) n-Nitrosodimethylamine	3.64	42	8895	3.817	ng	#	90
6) bis(2-Chloroethyl)ether	7.24	93	34850	3.076	ng		99
9) Naphthalene	10.65	128	433362	3.025	ng		100
10) Hexachlorobutadiene	10.94	225	27922	3.657	ng		100
12) 2-Methylnaphthalene	12.28	142	75941	2.965	ng		98
16) Acenaphthylene	14.18	152	139764	3.163	ng		98
17) Acenaphthene	14.53	154	80351	3.041	ng		99
18) Fluorene	15.49	166	116139	3.125	ng		98
20) 4-Bromophenyl-phenylether	16.38	248	48425	2.950	ng		98
21) Hexachlorobenzene	16.49	284	45692	2.881	ng		99
22) Pentachlorophenol	16.84	266	21257	10.167	ng		94
23) Phenanthrene	17.23	178	214335	2.869	ng		99
24) Anthracene	17.32	178	209250	3.099	ng		100
26) Fluoranthene	19.25	202	326218	3.421	ng		100
28) Pyrene	19.61	202	335662	2.658	ng		100
30) Benzo(a)anthracene	21.34	228	394601	3.145	ng		100
31) Chrysene	21.40	228	377951	2.819	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	497565	3.325	ng		99
33) Indeno(1,2,3-cd)pyrene	26.50	276	422786	3.332	ng		99
35) Benzo(b)fluoranthene	23.09	252	365562	3.001	ng	#	96
36) Benzo(k)fluoranthene	23.14	252	365317	2.837	ng		99
37) Benzo(a)pyrene	23.74	252	340985	2.997	ng	#	95
38) Dibenzo(a,h)anthracene	26.53	278	349210	3.455	ng	#	97
39) Benzo(g,h,i)perylene	27.31	276	345244	3.406	ng		99

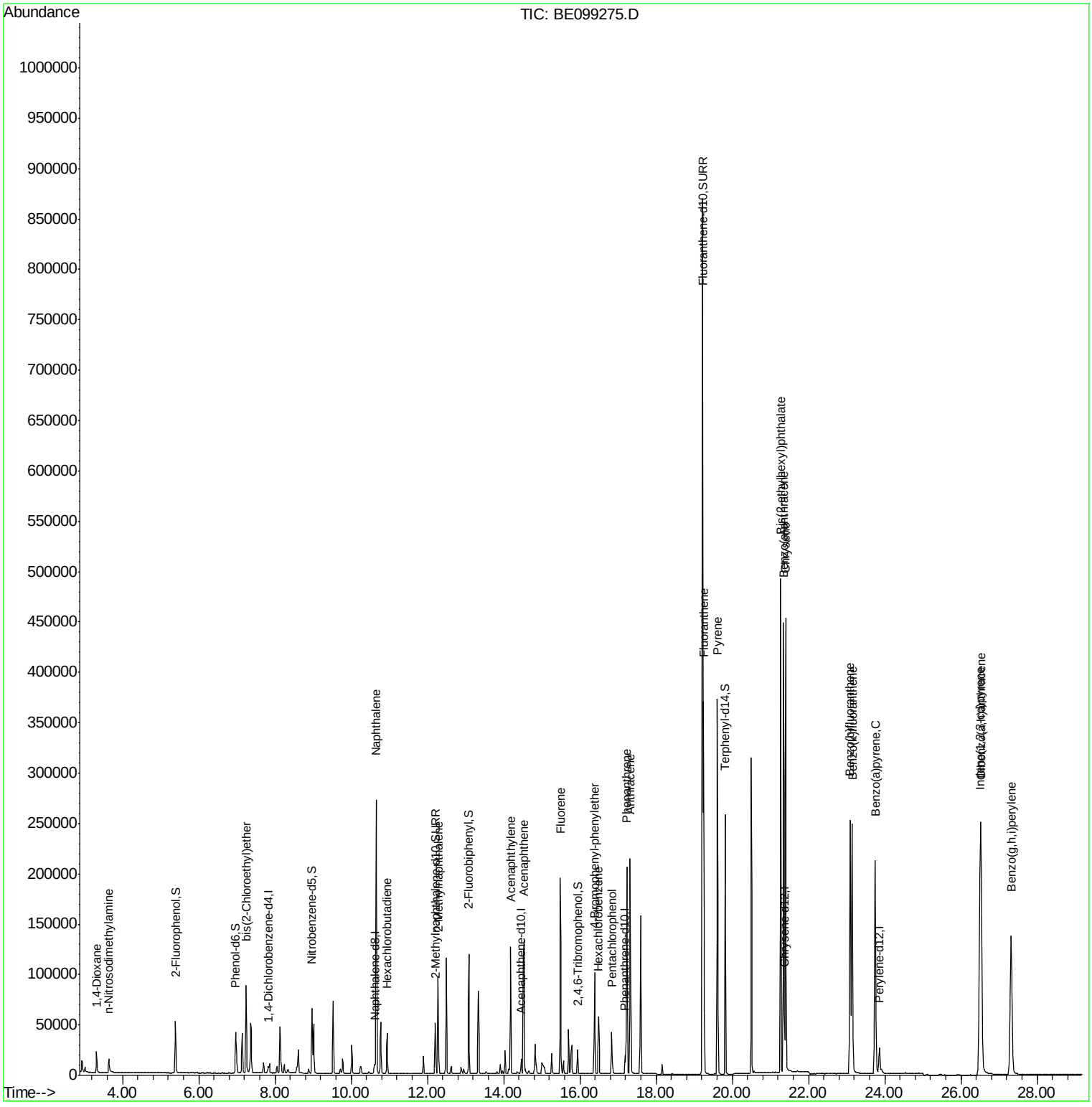
(#) = qualifier out of range (m) = manual integration (+) = signals summed

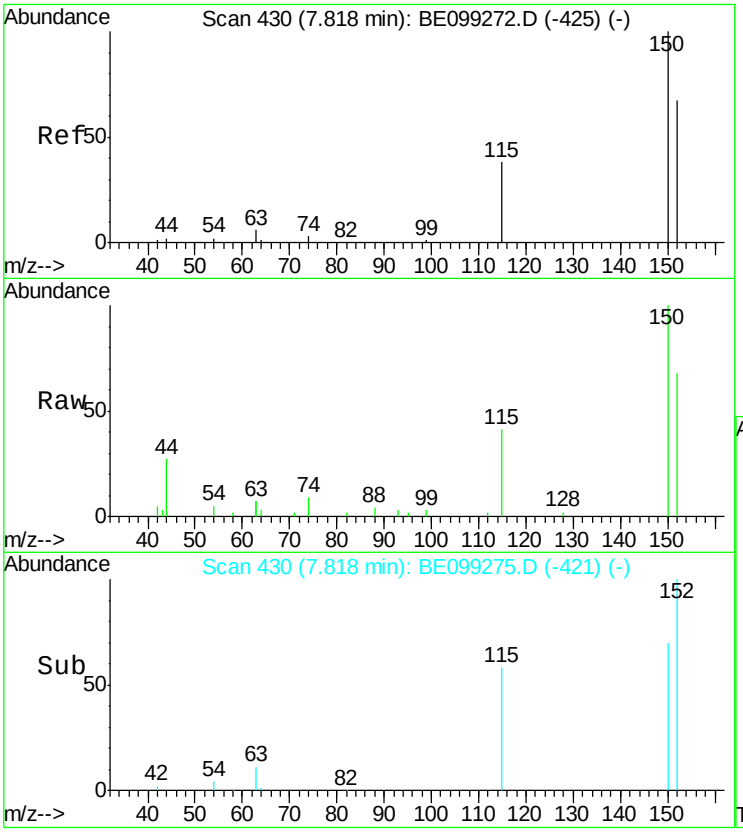
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
Data File : BE099275.D
Acq On : 2 Apr 2019 15:08
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Apr 02 15:48:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 14:00:50 2019
Response via : Initial Calibration



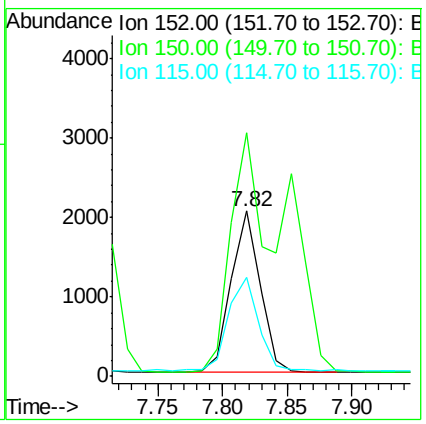


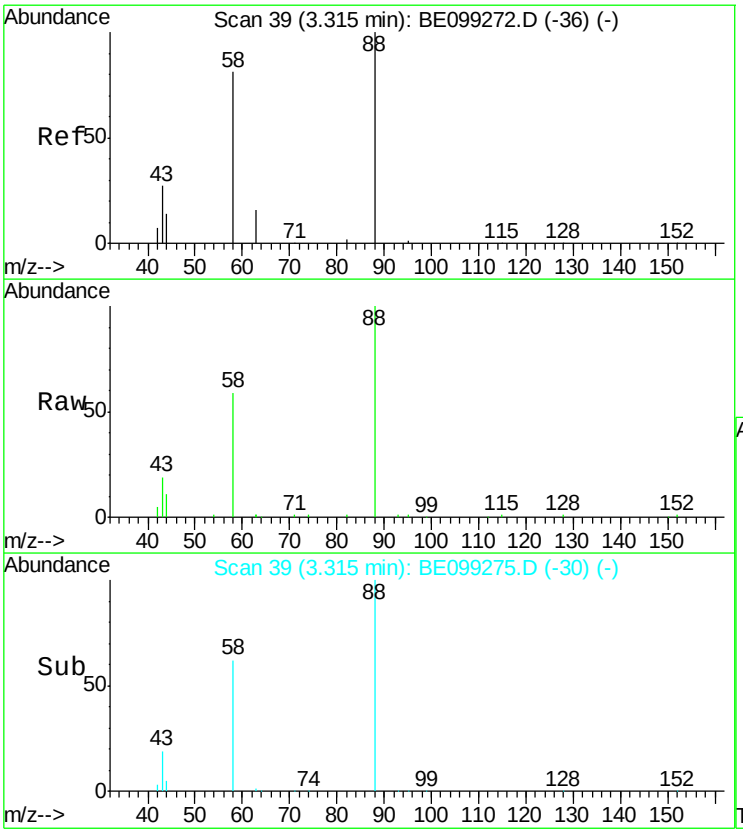
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 3158

Ion	Ratio	Lower	Upper
152	100		
150	147.6	118.6	178.0
115	59.8	47.6	71.4

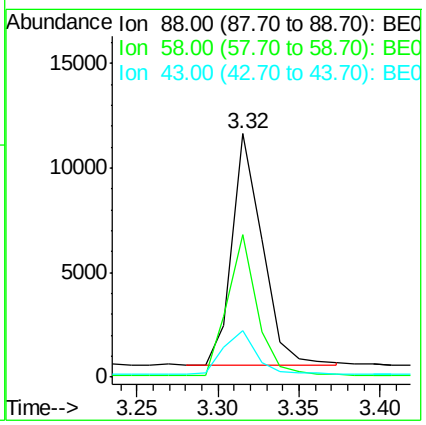


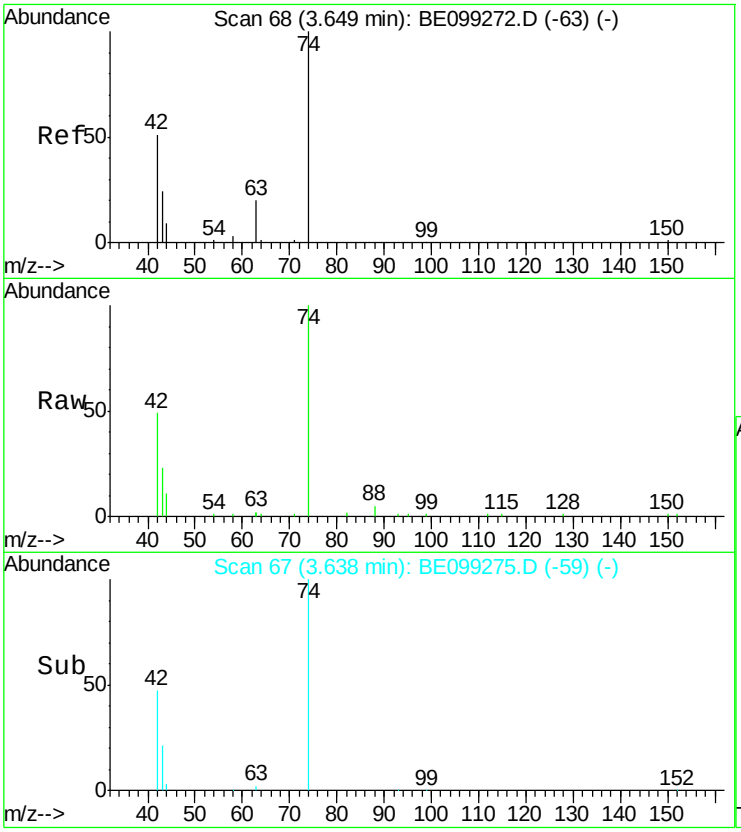


#2
1,4-Dioxane
Concen: 3.427 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion: 88 Resp: 14271

Ion	Ratio	Lower	Upper
88	100		
58	61.4	43.0	64.4
43	20.7	14.8	22.2



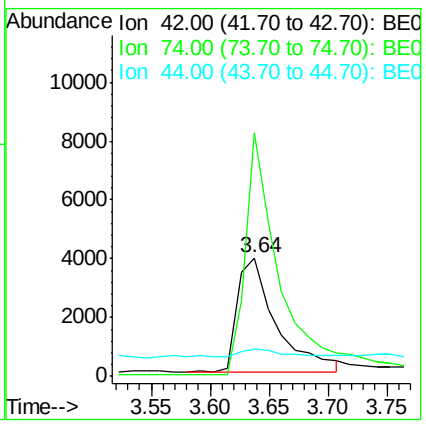


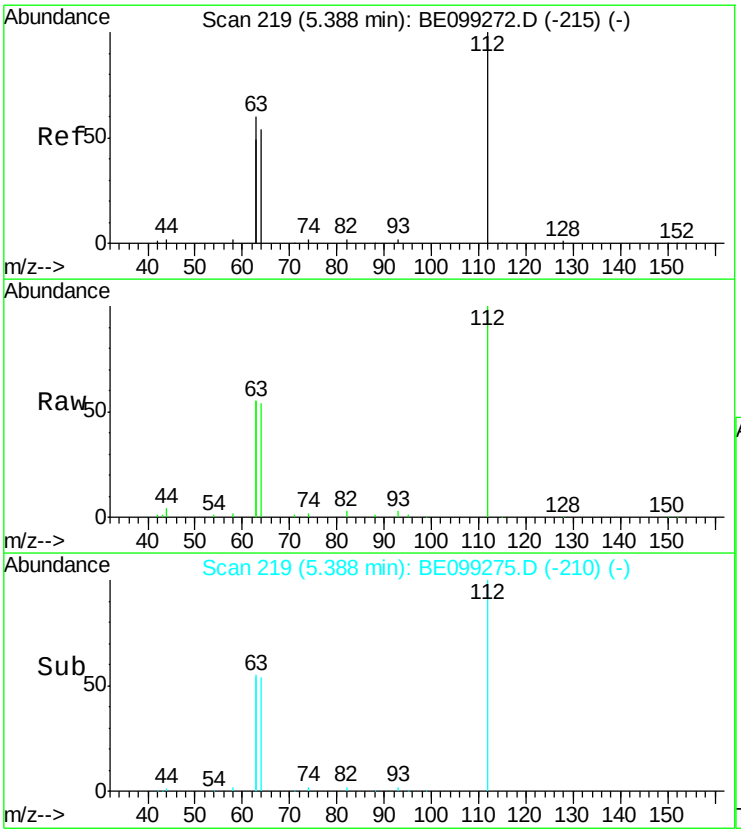
#3
n-Nitrosodimethylamine
Concen: 3.817 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 8895

Ion	Ratio	Lower	Upper
42	100		
74	181.5	133.8	200.8
44	8.4	0.0	0.0#

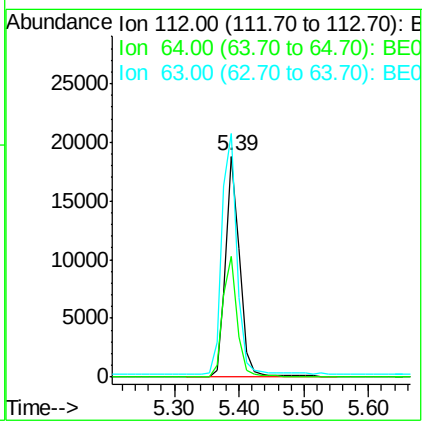


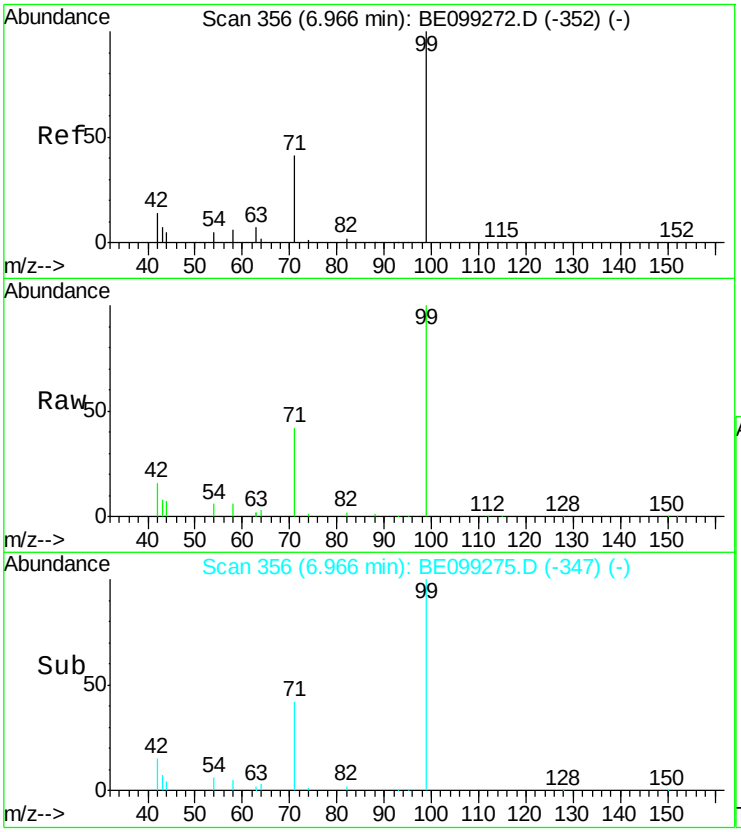


#4
2-Fluorophenol
Concen: 2.964 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:112 Resp: 27942

Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.1	67.7
63	118.9	94.4	141.6



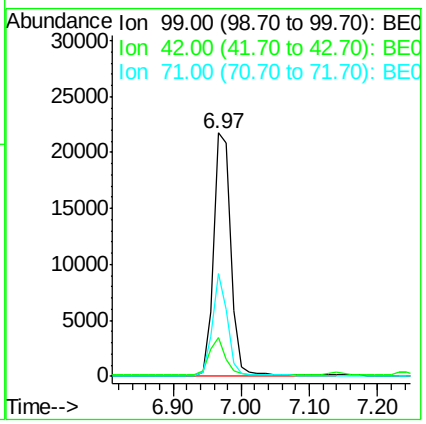


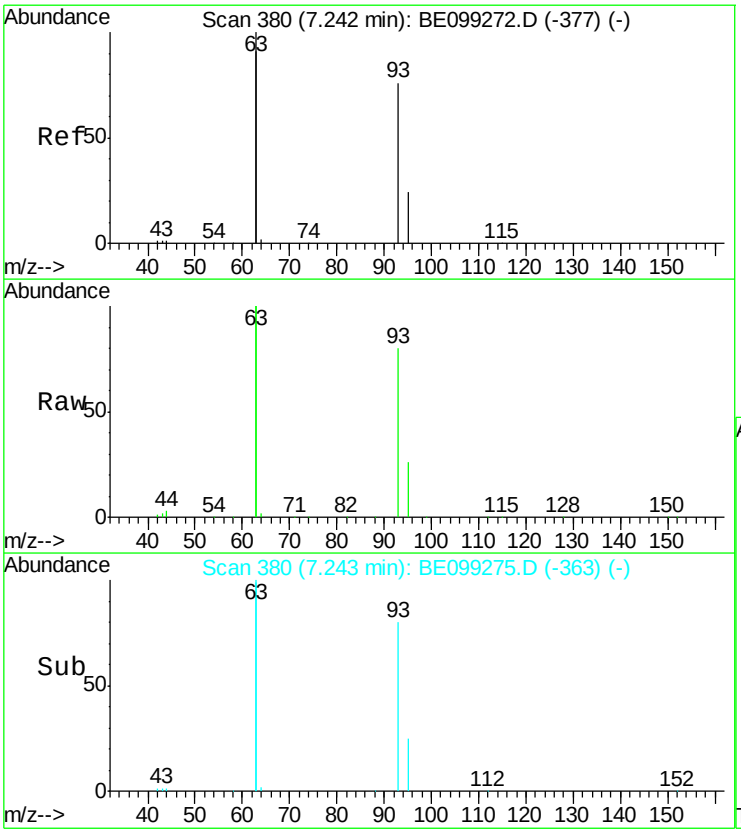
#5
Phenol-d6
Concen: 2.719 ng
RT: 6.97 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 39172

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.2	18.4
71	36.7	30.1	45.1

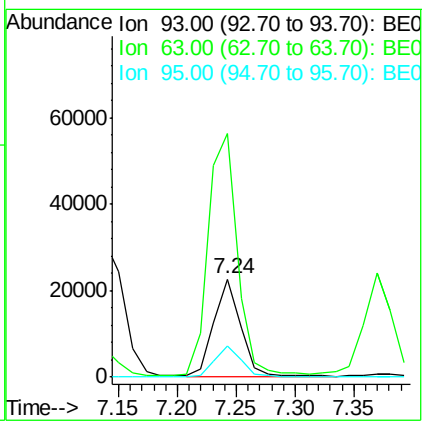


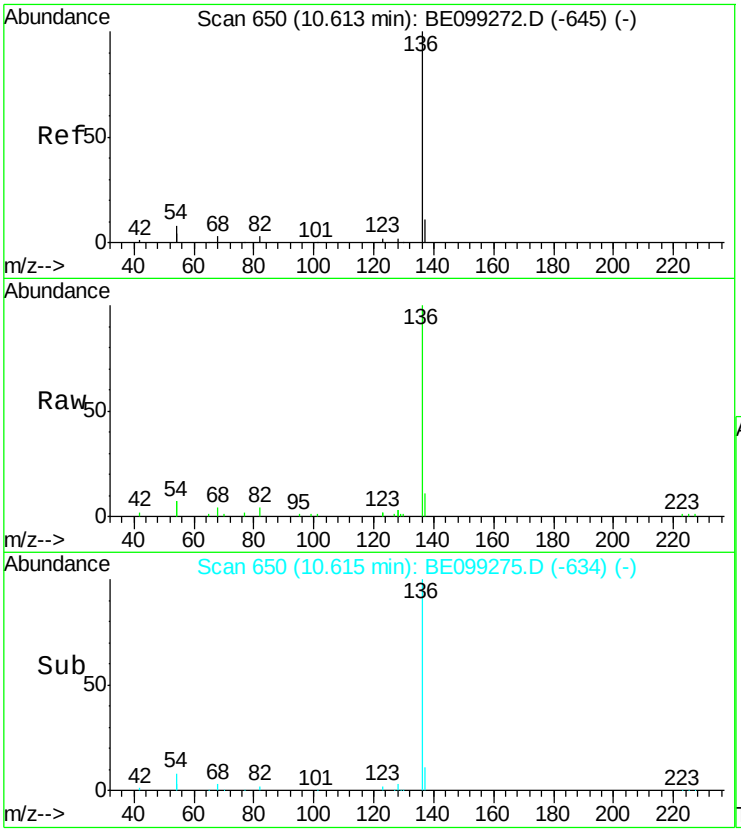


#6
bis(2-Chloroethyl)ether
Concen: 3.076 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion: 93 Resp: 34850

Ion	Ratio	Lower	Upper
93	100		
63	275.7	219.4	329.2
95	32.3	28.2	42.2



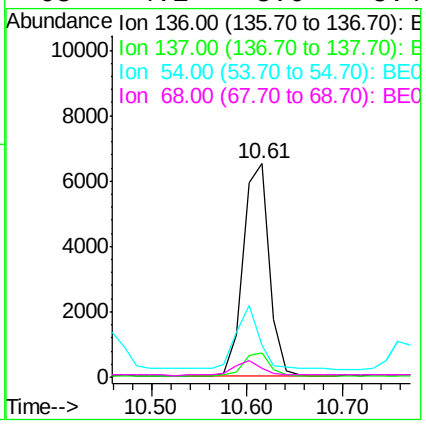


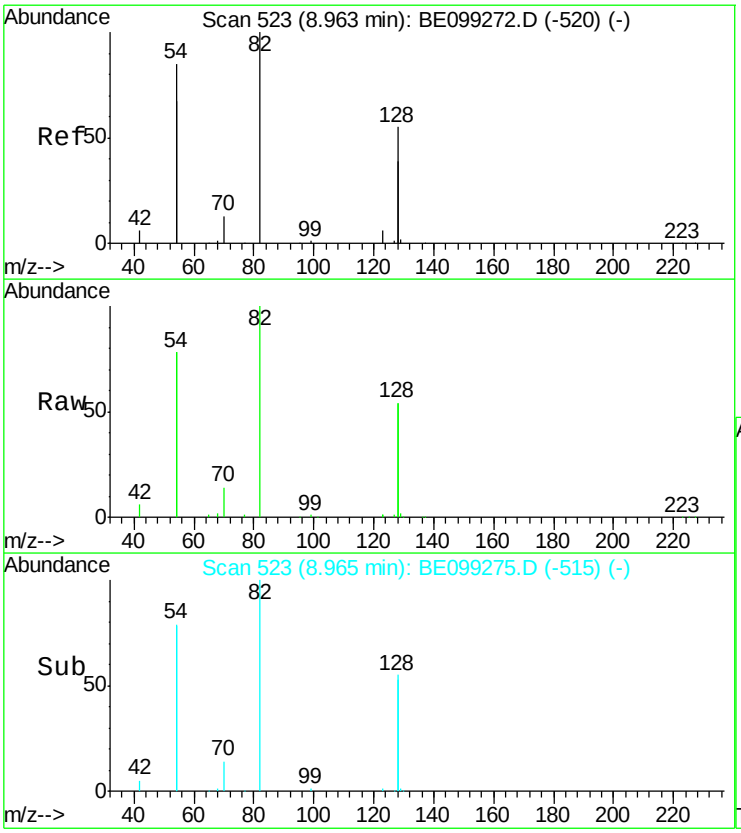
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 12149

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	15.0	12.9	19.3
68	4.1	3.6	5.4

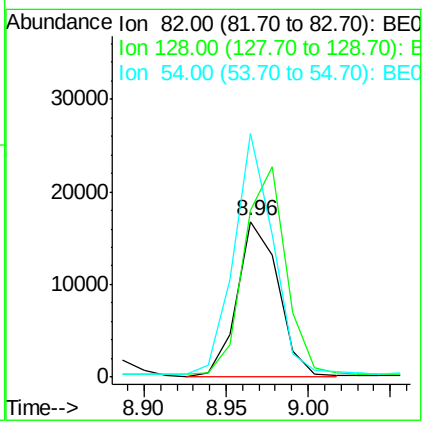


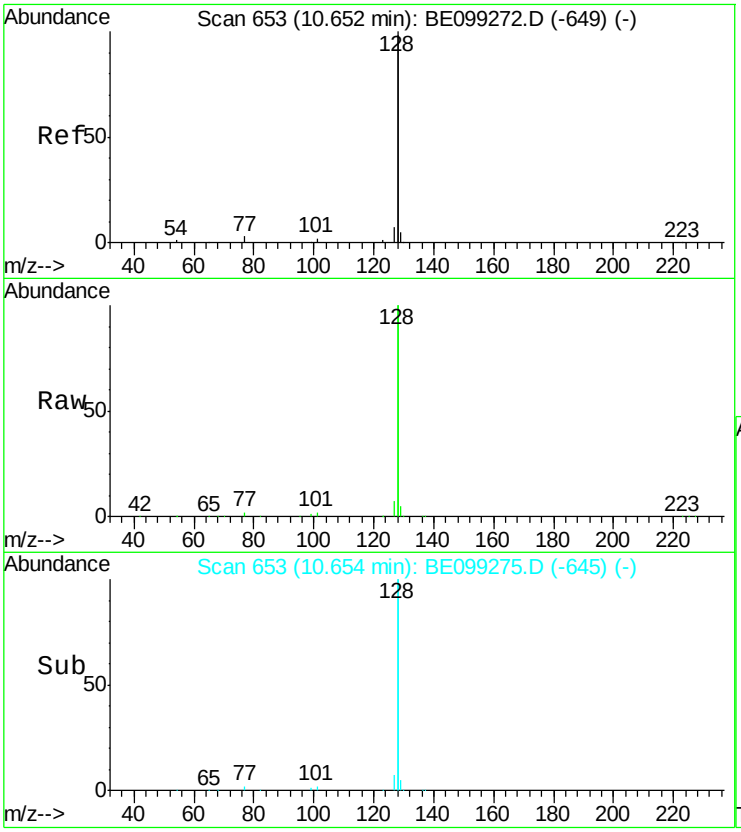


#8
Nitrobenzene-d5
Concen: 2.971 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion: 82 Resp: 29482

Ion	Ratio	Lower	Upper
82	100		
128	107.4	83.2	124.8
54	156.2	129.3	193.9



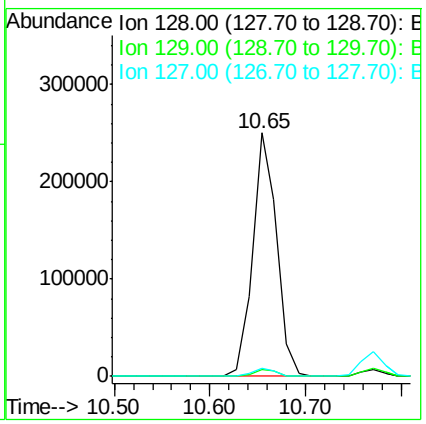


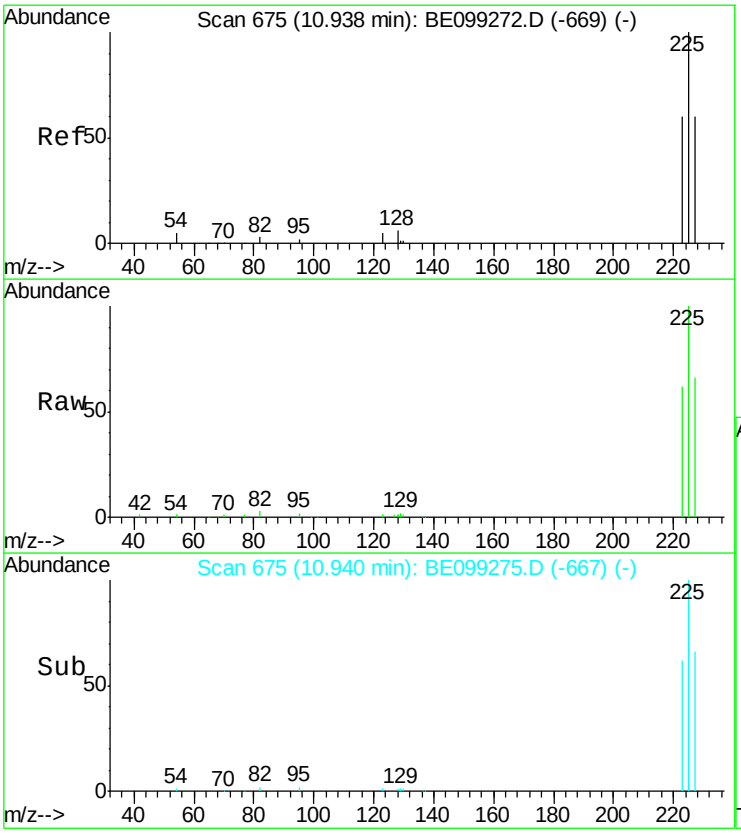
#9
Naphthalene
Concen: 3.025 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 433362

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.4
127	3.4	2.7	4.1

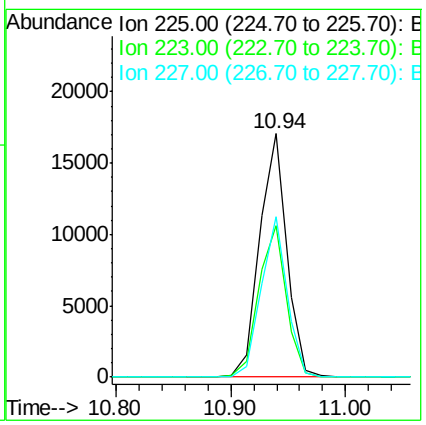


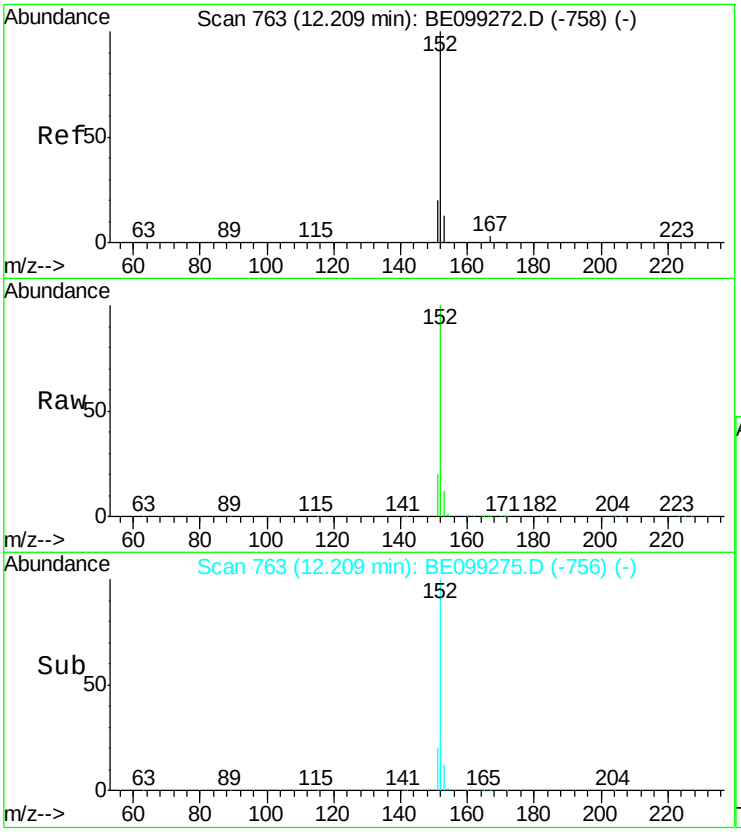


#10
Hexachlorobutadiene
Concen: 3.657 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:225 Resp: 27922

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.1	75.1
227	63.3	50.6	75.8



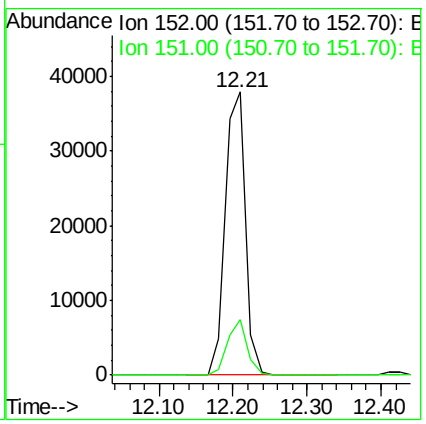


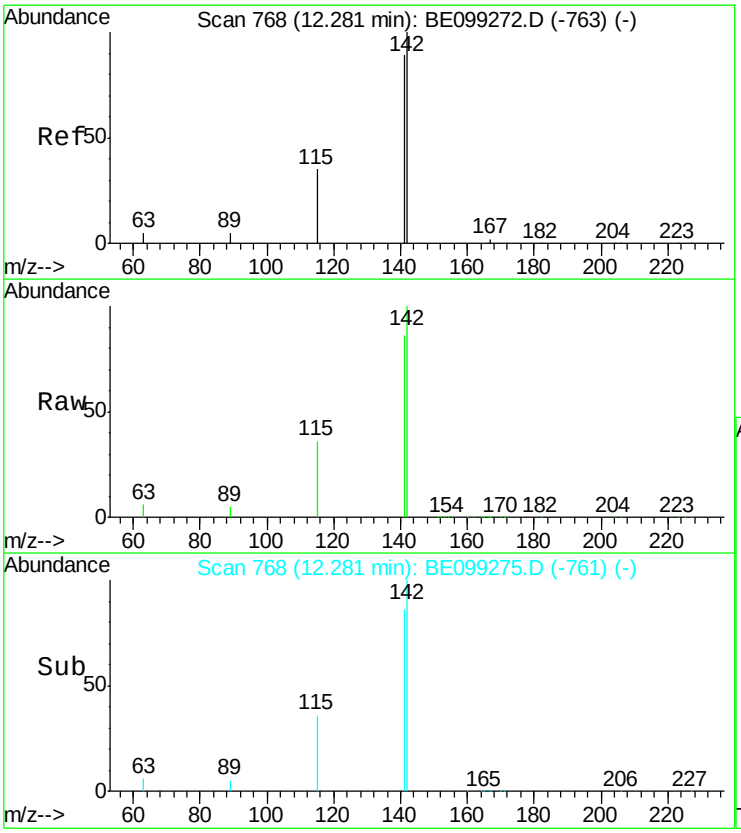
#11
2-Methylnaphthalene-d10
Concen: 3.060 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 71642

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

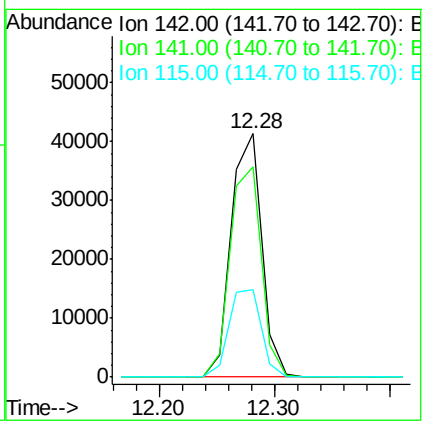


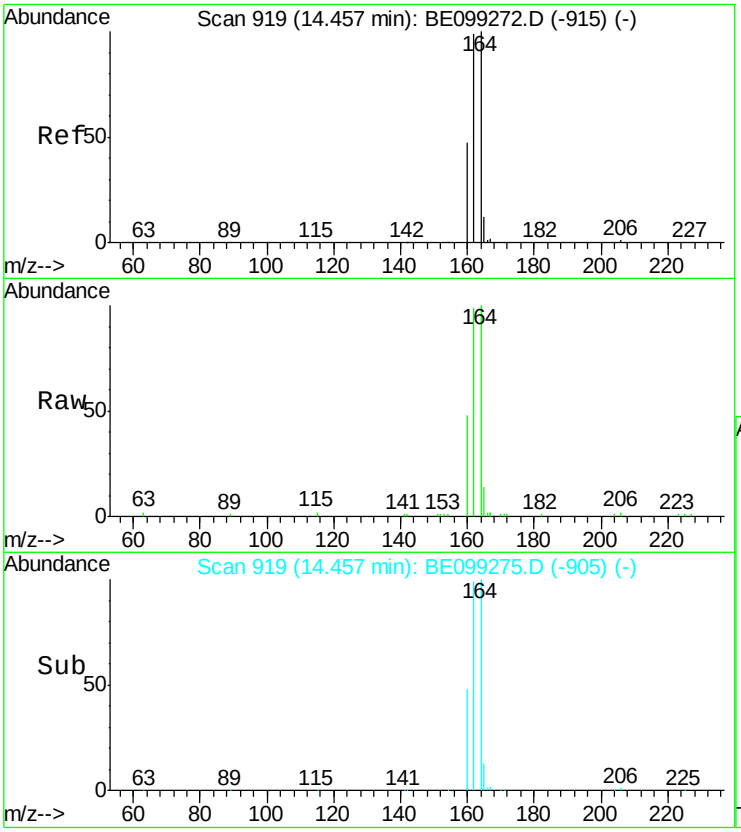


#12
2-Methylnaphthalene
Concen: 2.965 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:142 Resp: 75941

Ion	Ratio	Lower	Upper
142	100		
141	86.3	71.1	106.7
115	35.9	29.0	43.6



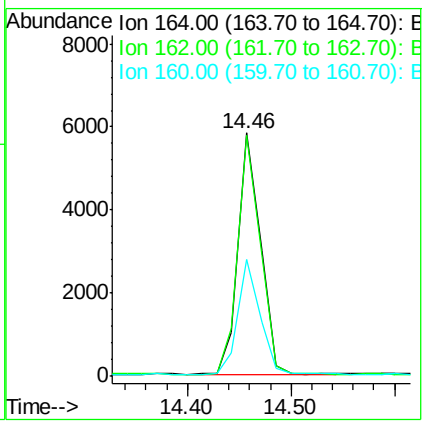


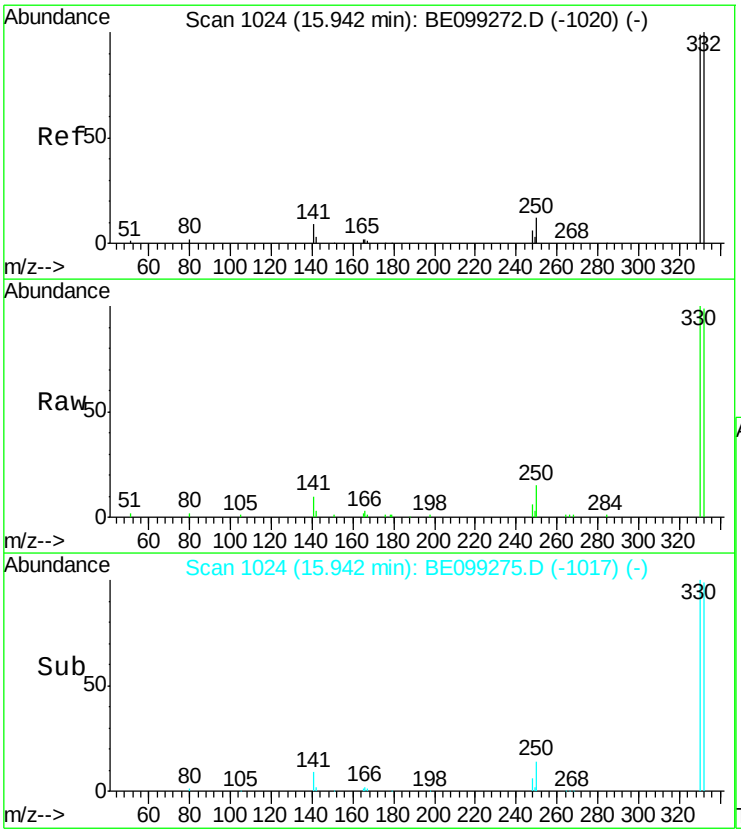
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 8667

Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.8	118.2
160	48.0	37.6	56.4

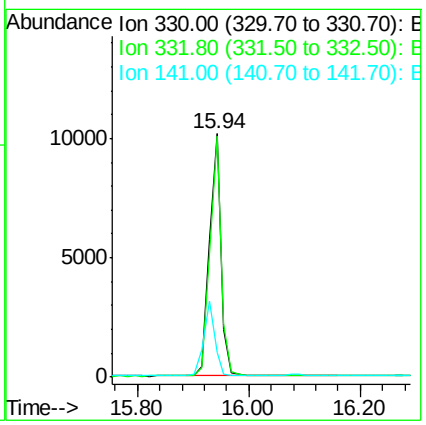


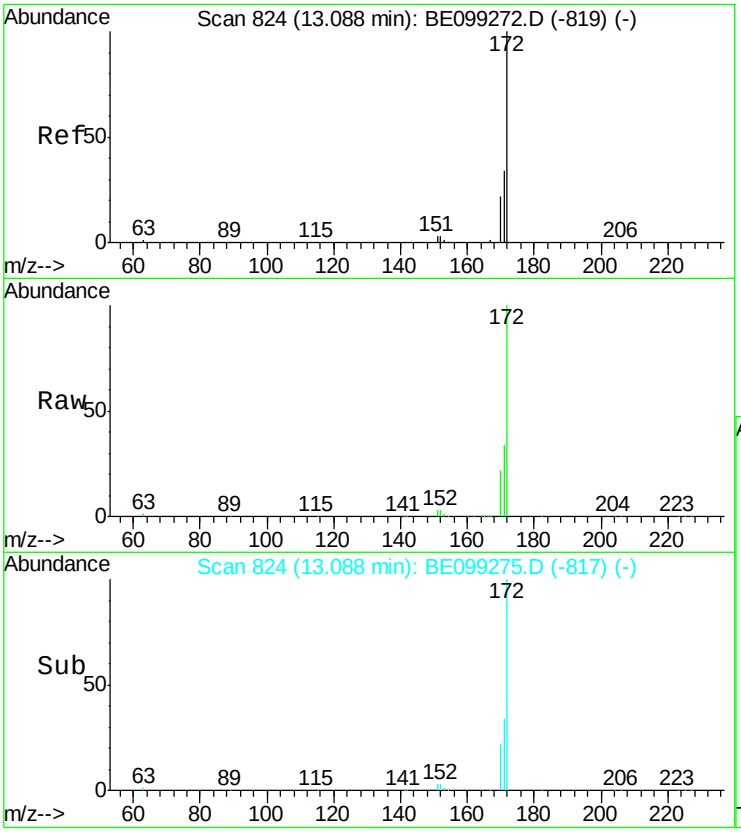


#14
2,4,6-Tribromophenol
Concen: 4.897 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:330 Resp: 14990

Ion	Ratio	Lower	Upper
330	100		
332	97.2	82.6	123.8
141	29.0	27.6	41.4



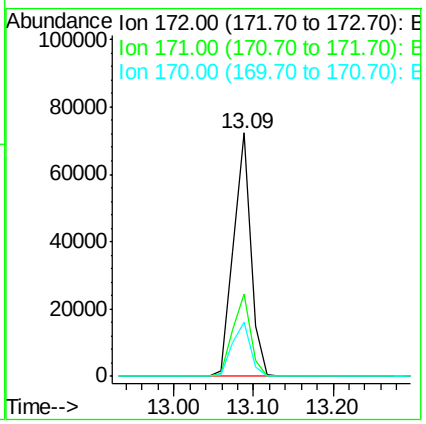


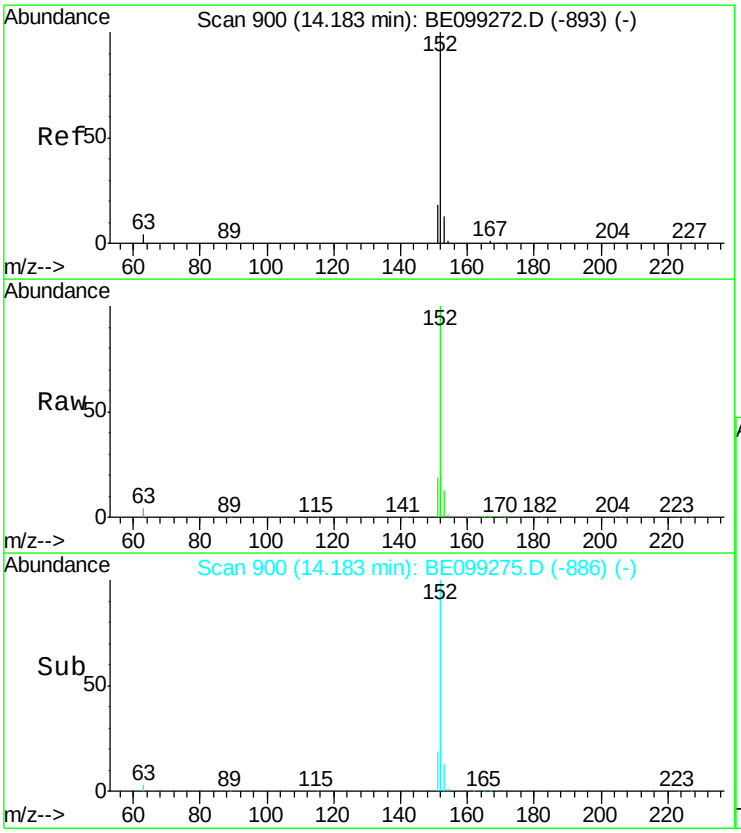
#15
2-Fluorobiphenyl
Concen: 3.100 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 109543

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.5	41.3
170	22.4	18.2	27.2

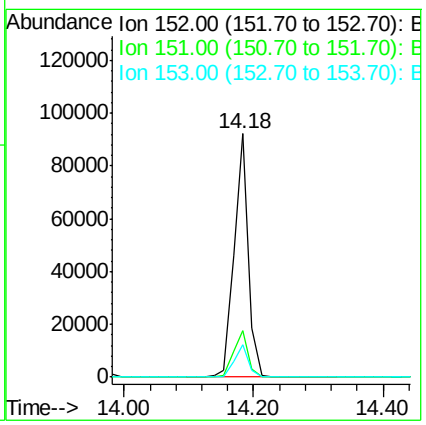


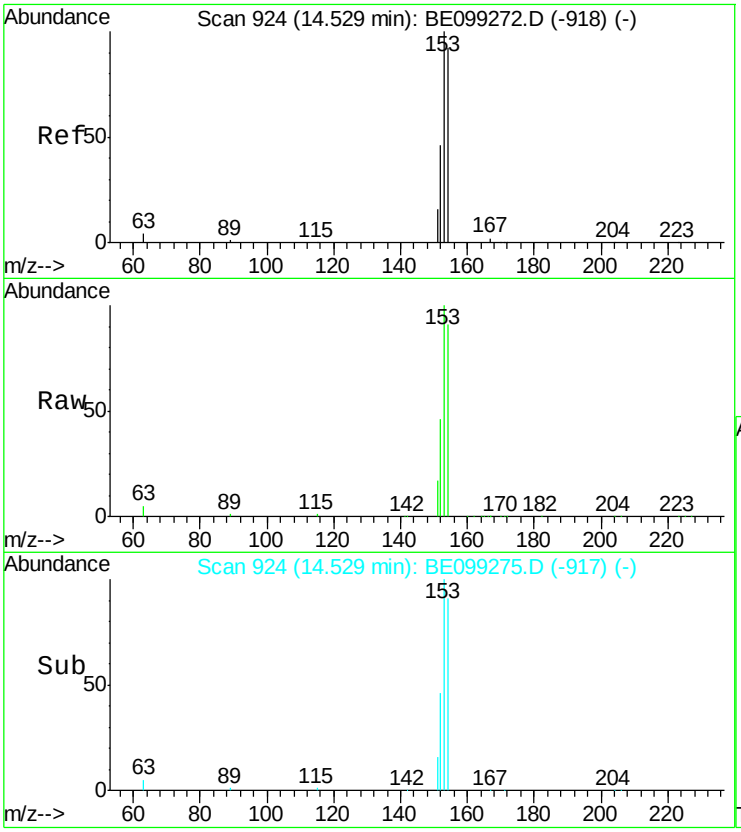


#16
Acenaphthylene
Concen: 3.163 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:152 Resp: 139764

Ion	Ratio	Lower	Upper
152	100		
151	19.5	14.9	22.3
153	13.0	10.0	15.0



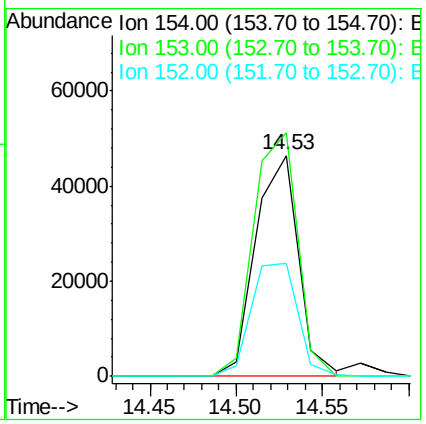


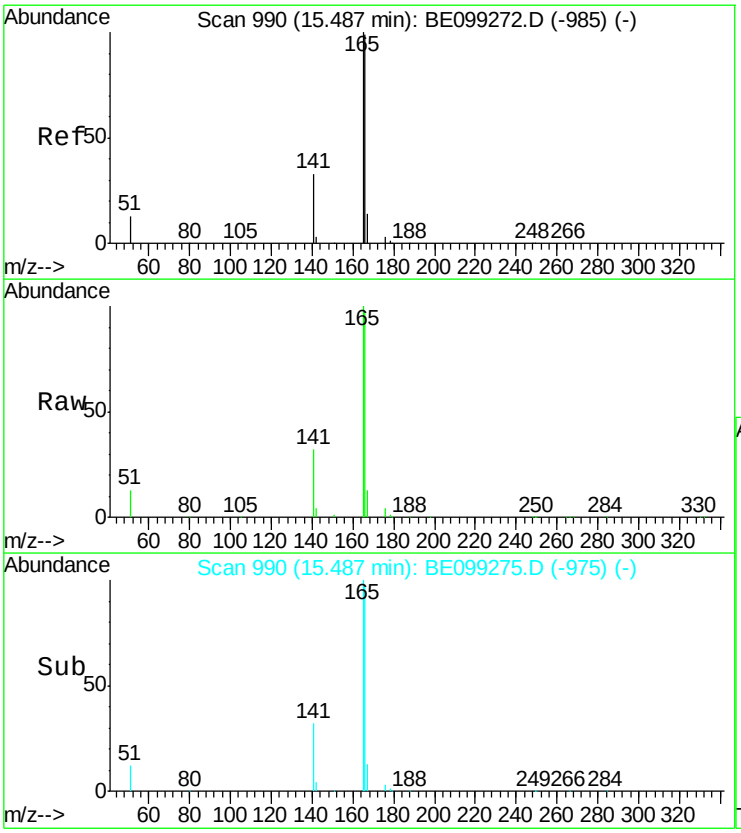
#17
Acenaphthene
Concen: 3.041 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 80351

Ion	Ratio	Lower	Upper
154	100		
153	113.9	92.8	139.2
152	55.5	44.3	66.5

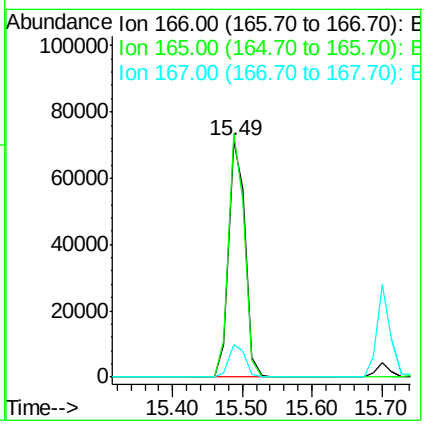


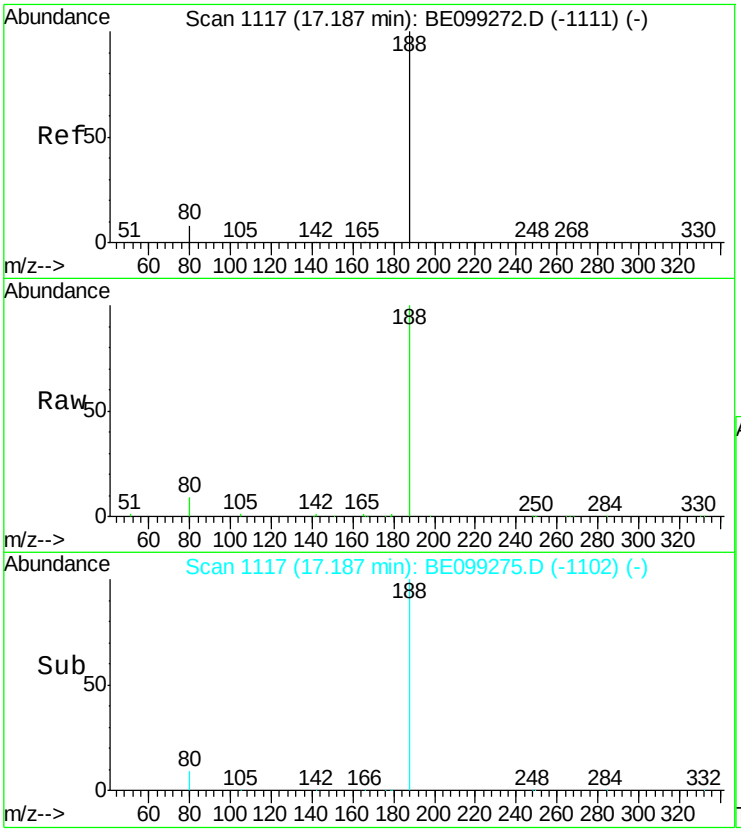


#18
Fluorene
Concen: 3.125 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:166 Resp: 116139

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.9	116.9
167	13.5	10.9	16.3



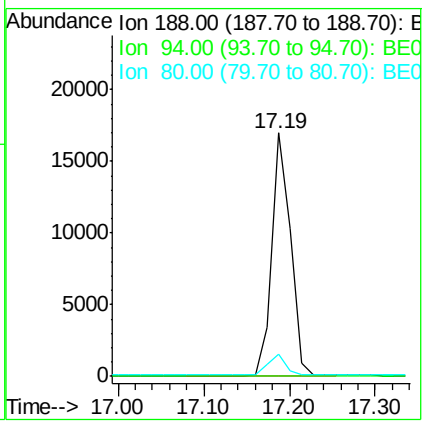


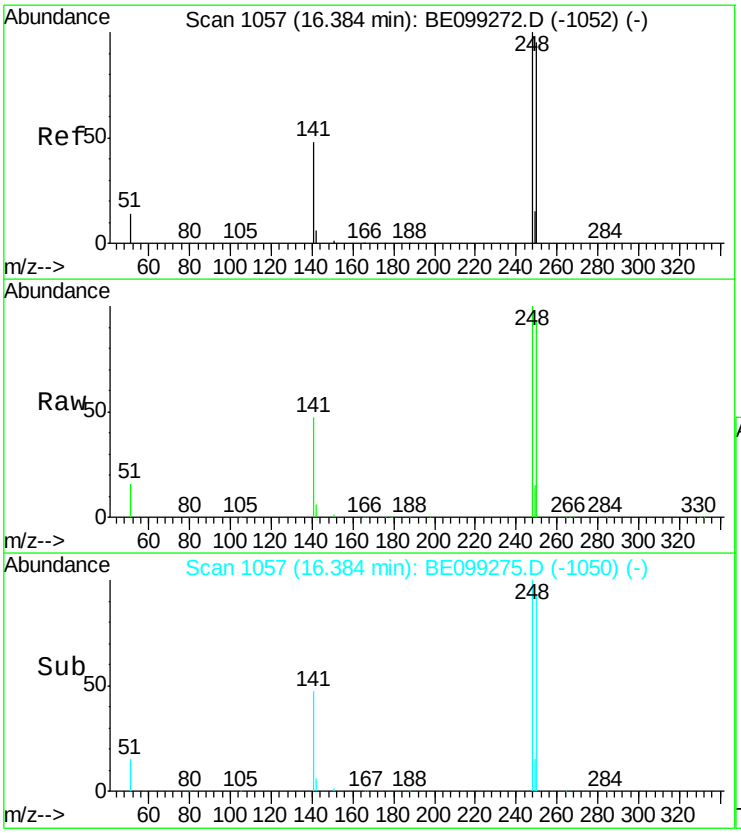
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 25444

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.6	10.0

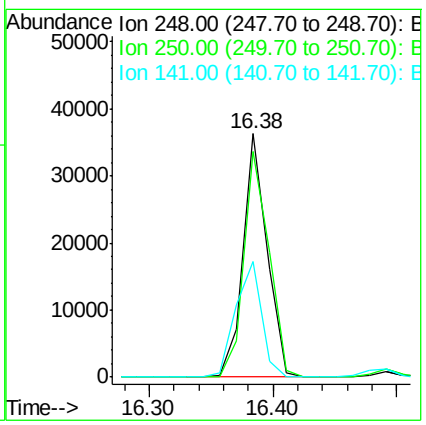


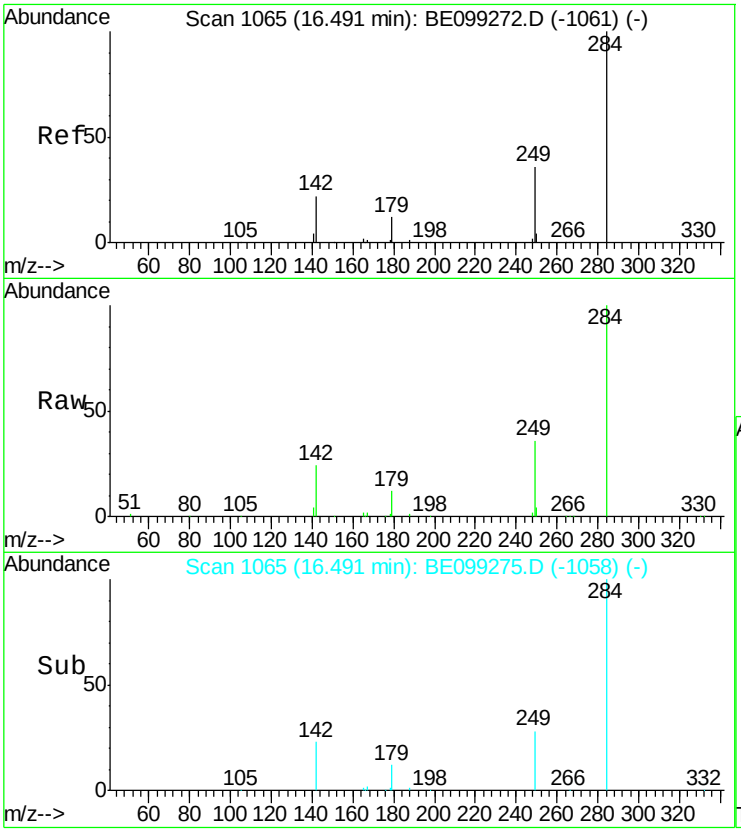


#20
4-Bromophenyl-phenylether
Concen: 2.950 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:248 Resp: 48425

Ion	Ratio	Lower	Upper
248	100		
250	92.6	75.9	113.9
141	47.4	39.0	58.6



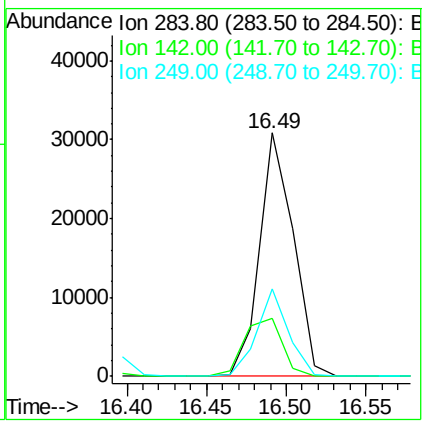


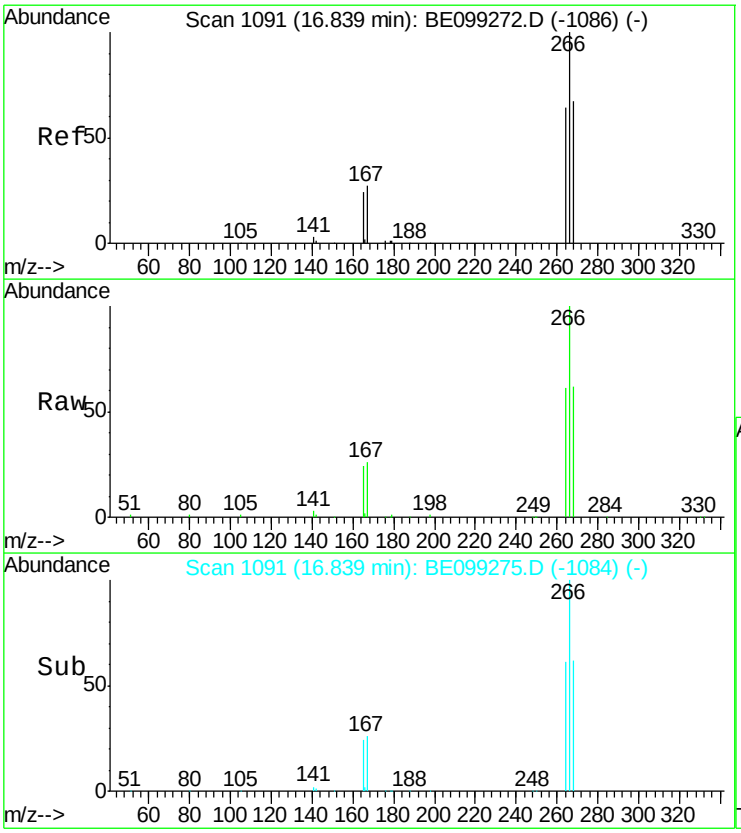
#21
Hexachlorobenzene
Concen: 2.881 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 45692

Ion	Ratio	Lower	Upper
284	100		
142	26.7	21.0	31.6
249	33.1	27.0	40.6

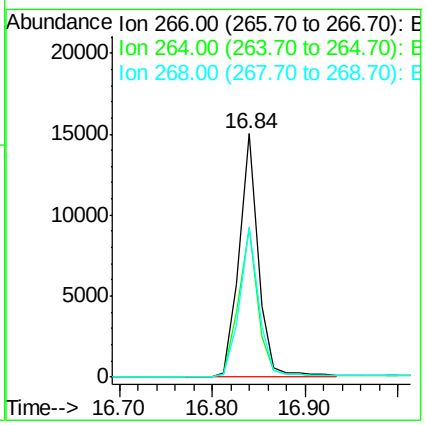


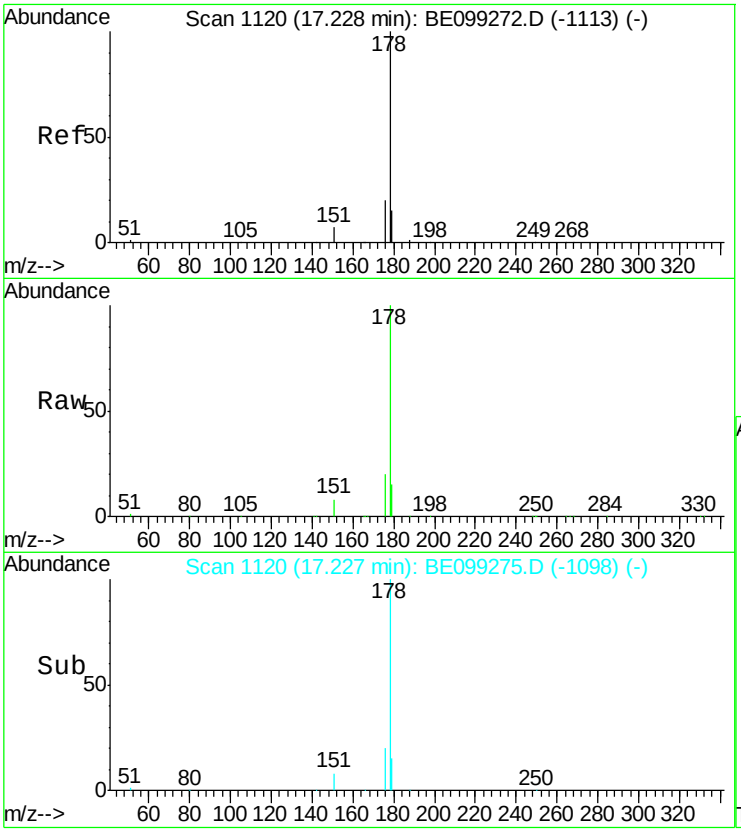


#22
Pentachlorophenol
Concen: 10.167 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:266 Resp: 21257

Ion	Ratio	Lower	Upper
266	100		
264	61.1	51.8	77.8
268	61.8	54.7	82.1



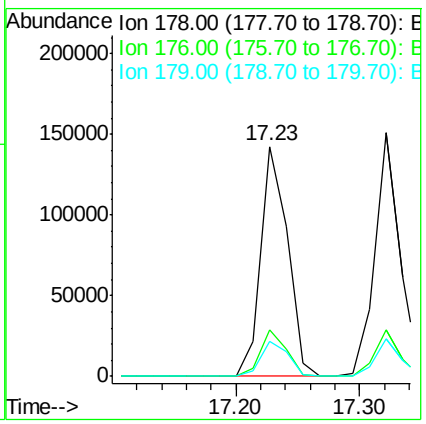


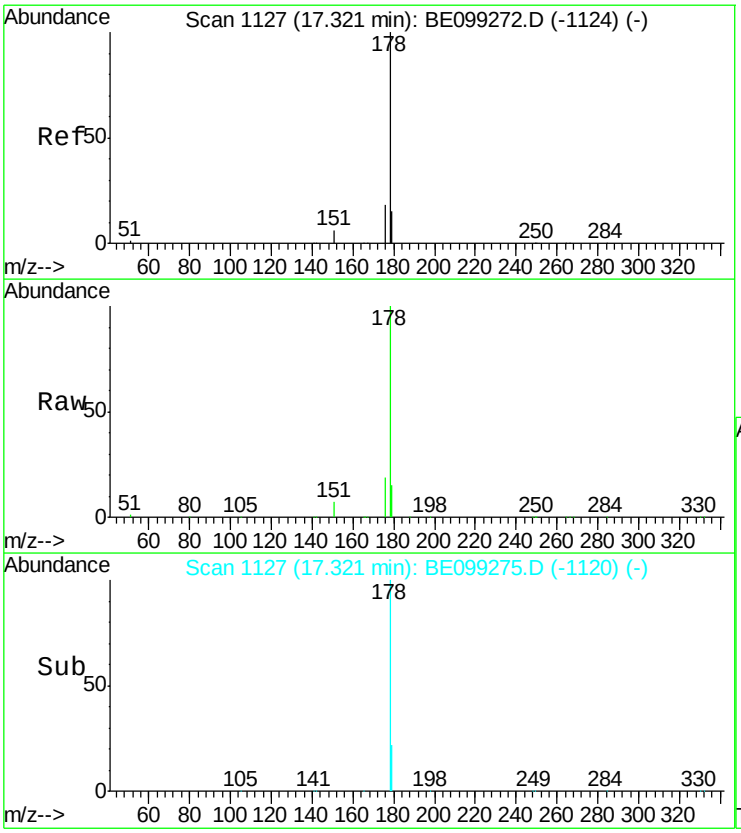
#23
Phenanthrene
Concen: 2.869 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 214335

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.3	12.3	18.5

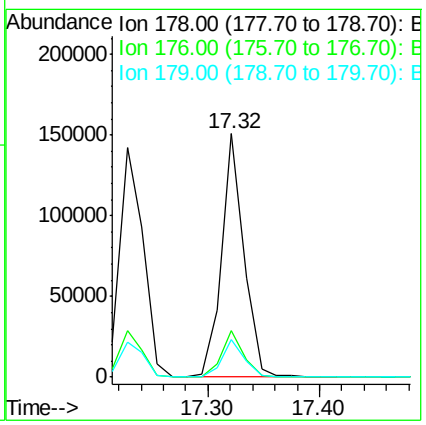


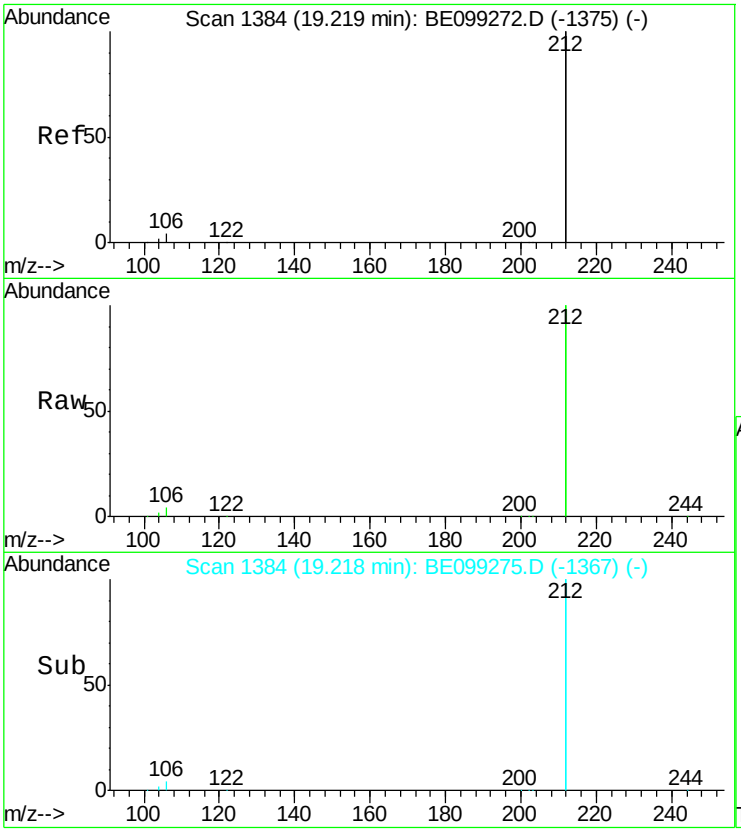


#24
Anthracene
Concen: 3.099 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:178 Resp: 209250

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.4	12.3	18.5



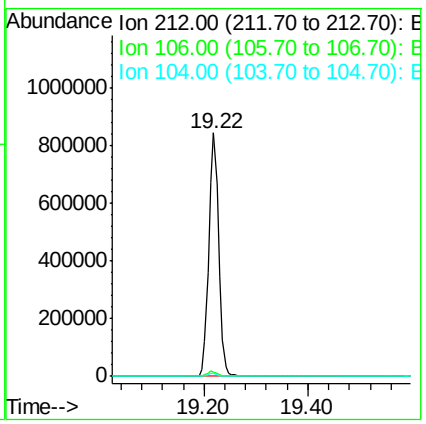


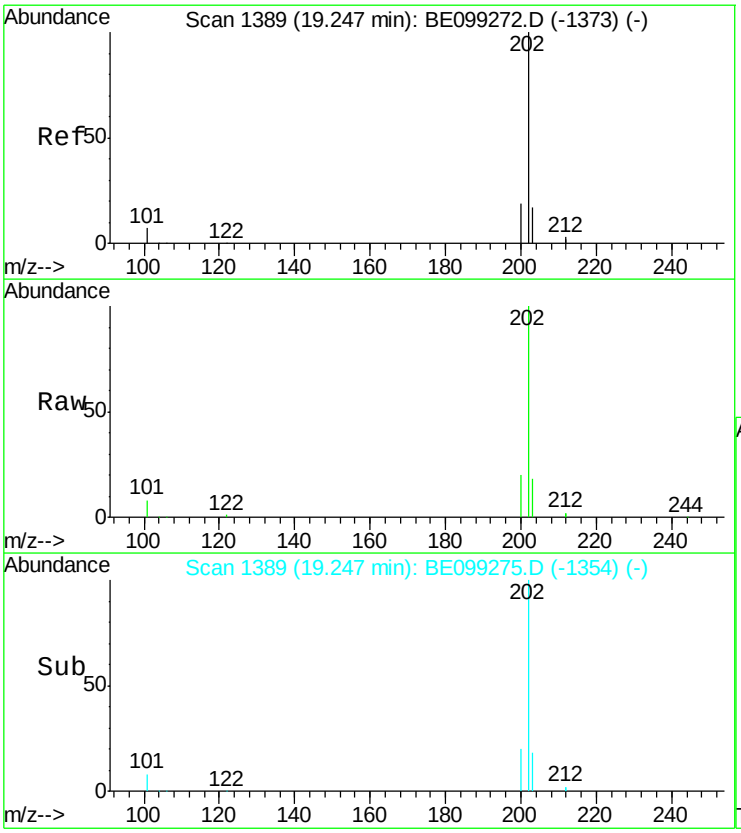
#25
Fluoranthene-d10
Concen: 3.621 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 1116223

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.7	2.5
104	1.2	1.0	1.4

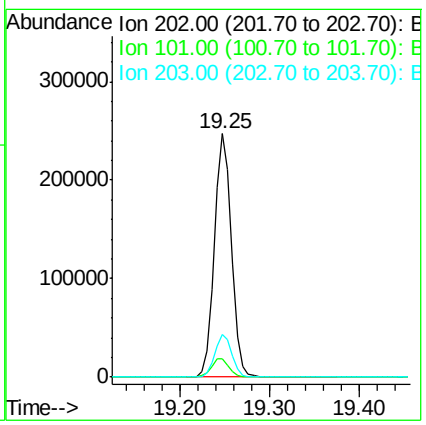


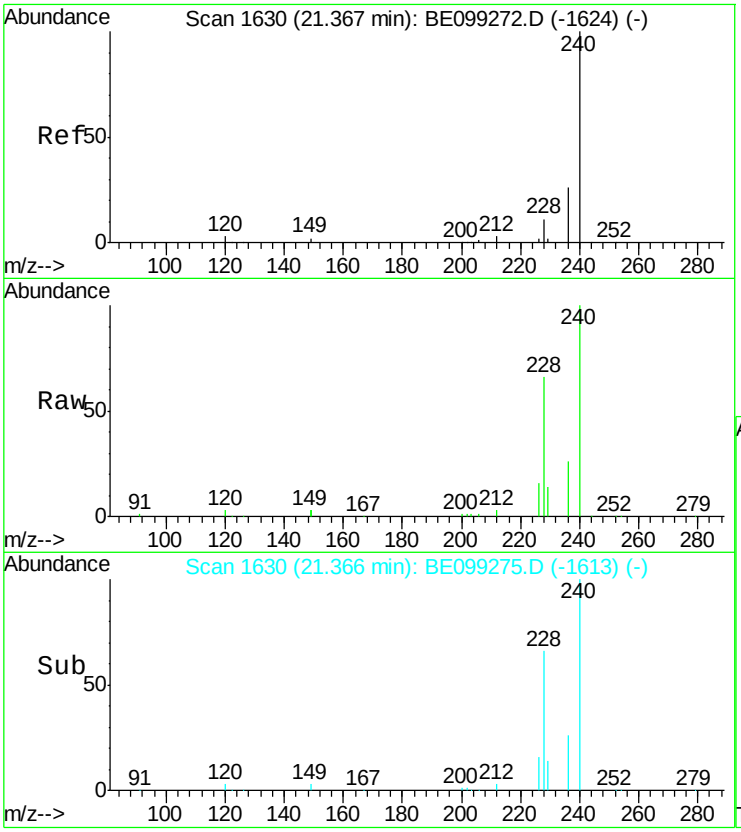


#26
Fluoranthene
Concen: 3.421 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:202 Resp: 326218

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.2	9.4
203	17.4	13.9	20.9



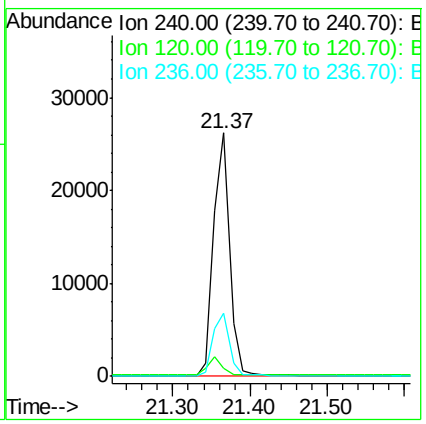


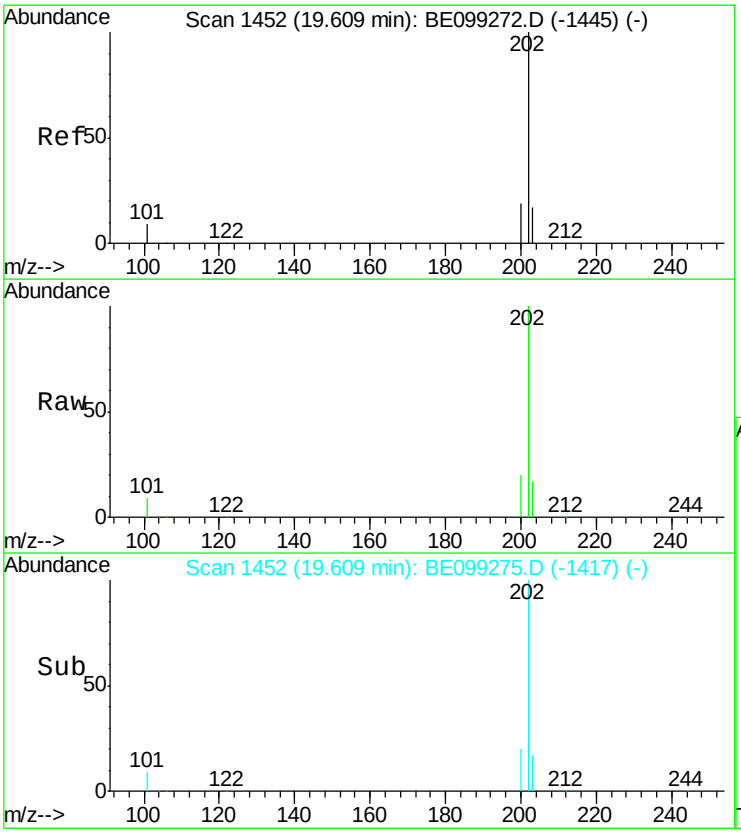
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 38018

Ion	Ratio	Lower	Upper
240	100		
120	3.1	2.7	4.1
236	26.0	20.7	31.1

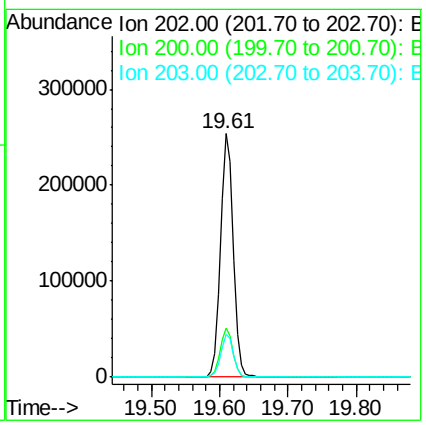


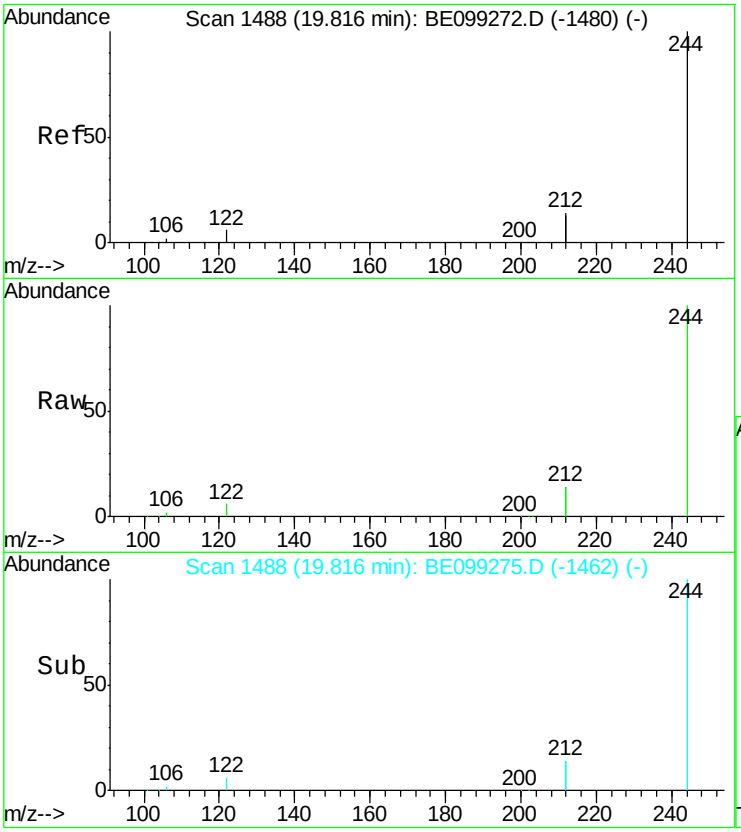


#28
Pyrene
Concen: 2.658 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:202 Resp: 335662

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.6	13.9	20.9



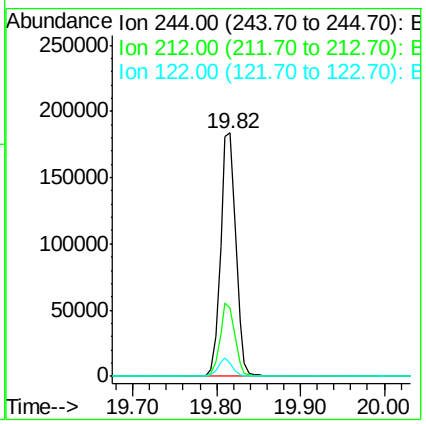


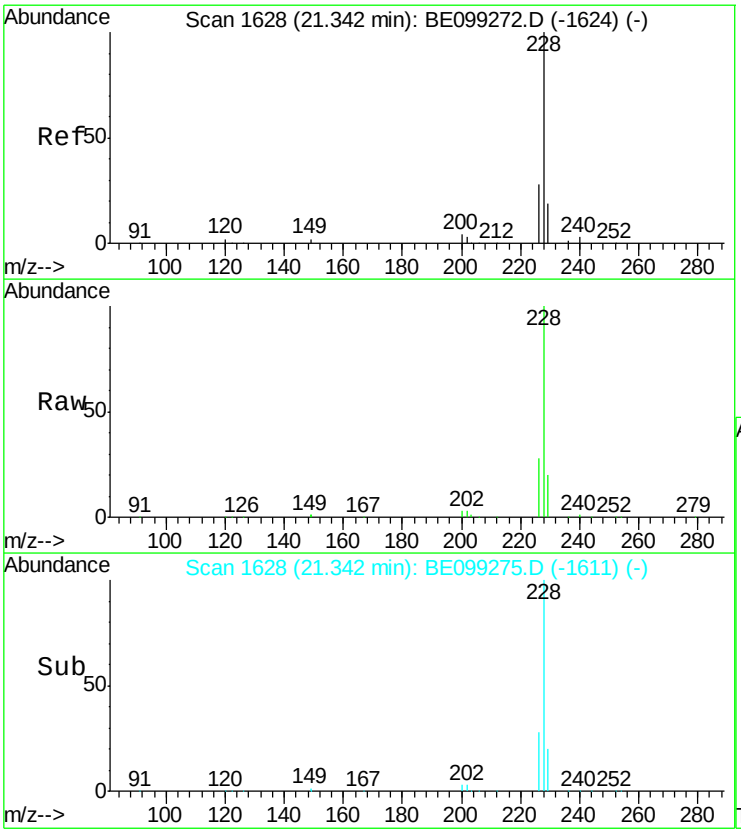
#29
Terphenyl-d14
Concen: 2.808 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 232172

Ion	Ratio	Lower	Upper
244	100		
212	28.2	22.6	33.8
122	5.7	4.6	7.0

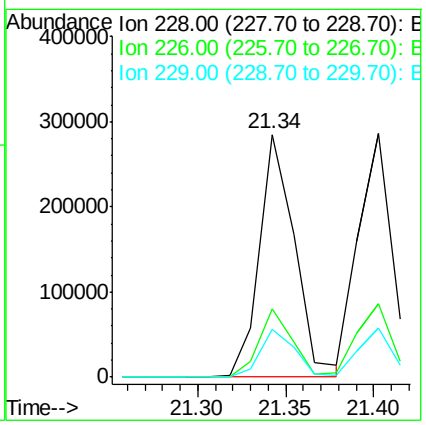


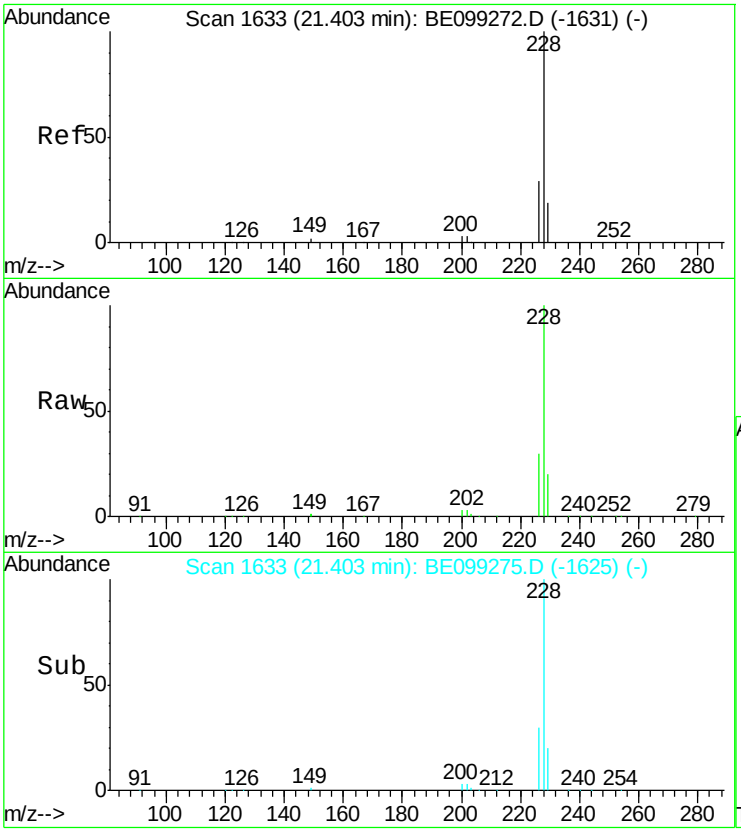


#30
Benzo(a)anthracene
Concen: 3.145 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:228 Resp: 394601

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.6	15.4	23.0



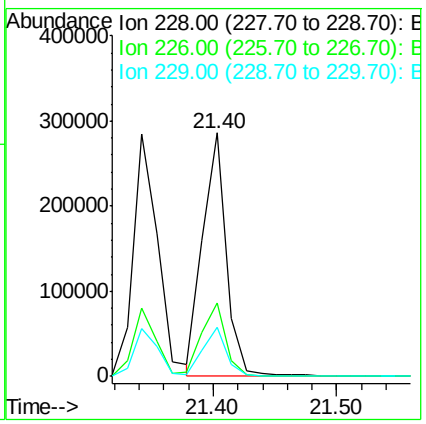


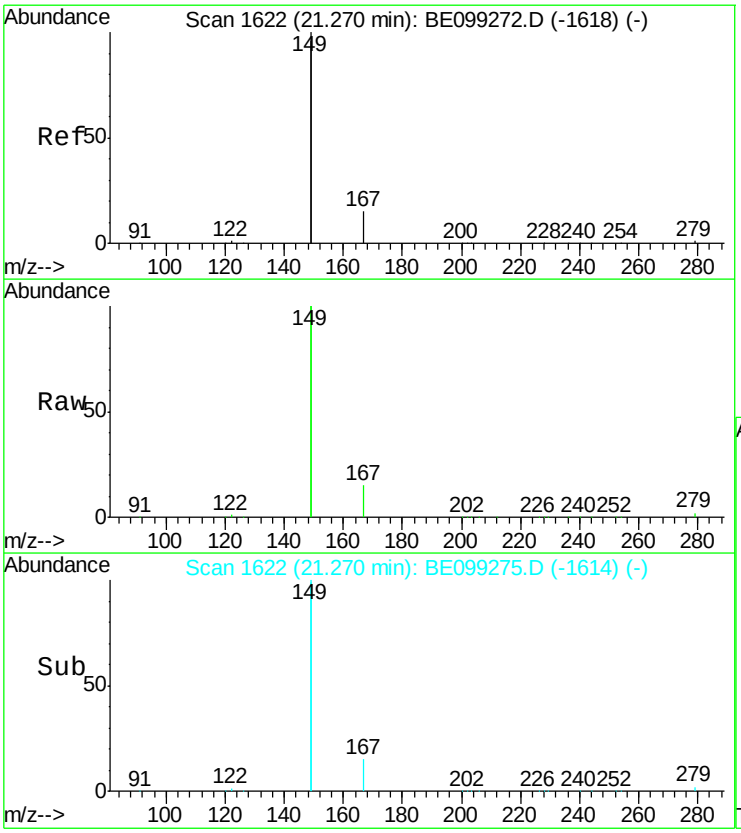
#31
Chrysene
Concen: 2.819 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 377951

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	20.3	15.6	23.4

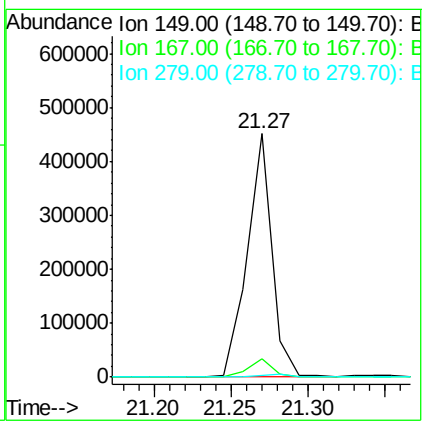


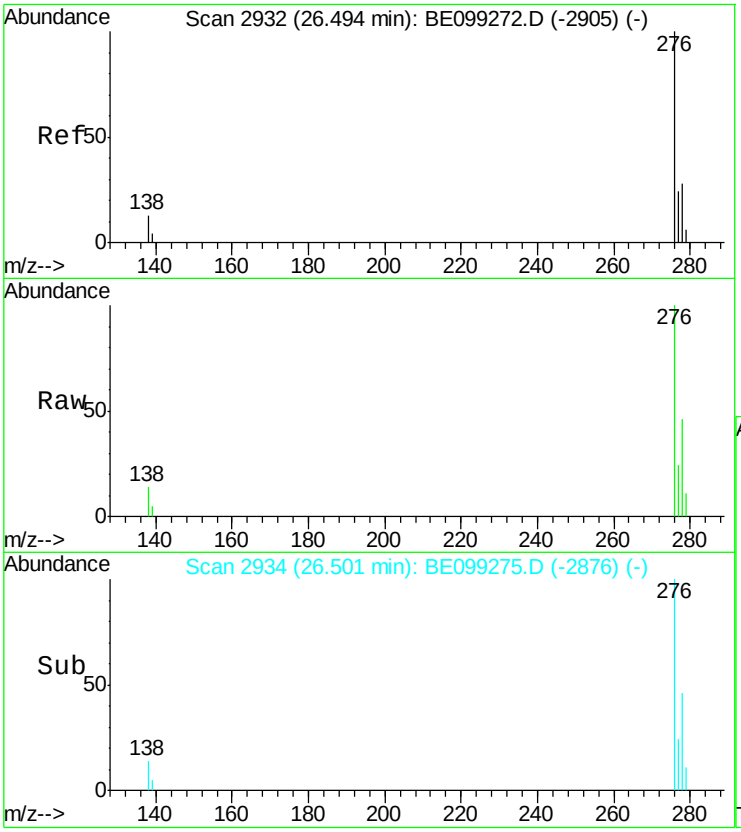


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.325 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:149 Resp: 497565

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.1	9.1
279	1.2	1.0	1.4



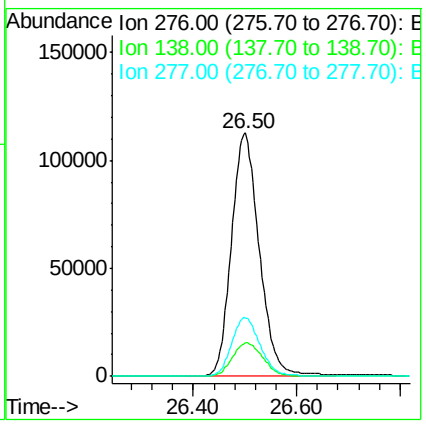


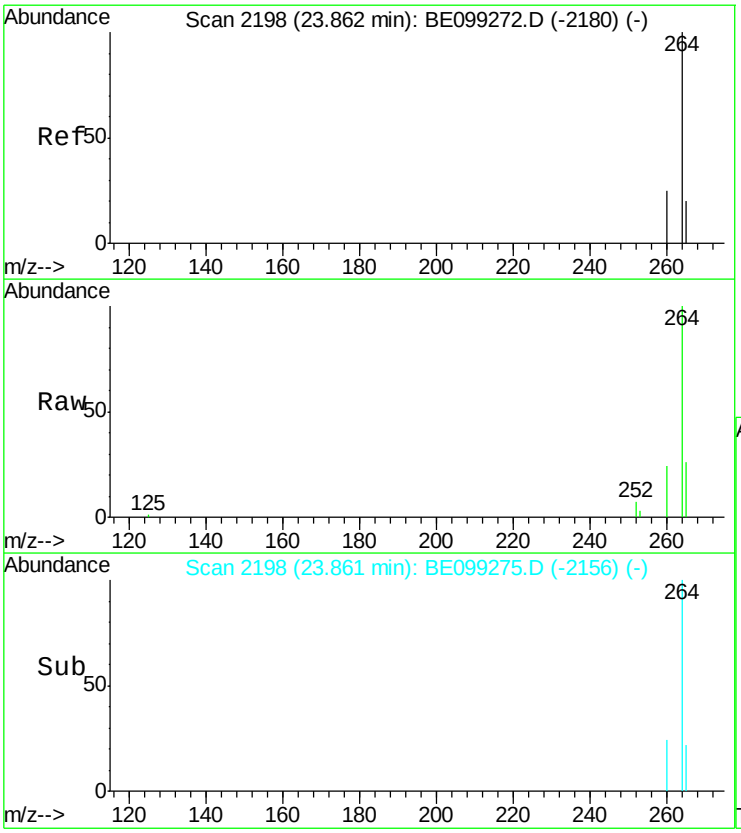
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.332 ng
RT: 26.50 min Scan# 2934
Delta R.T. 0.01 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 422786

Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.6	18.8
277	24.8	19.4	29.2

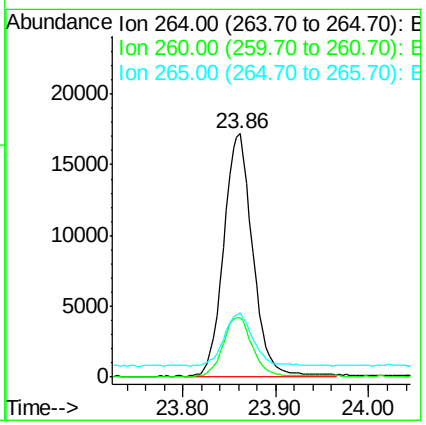


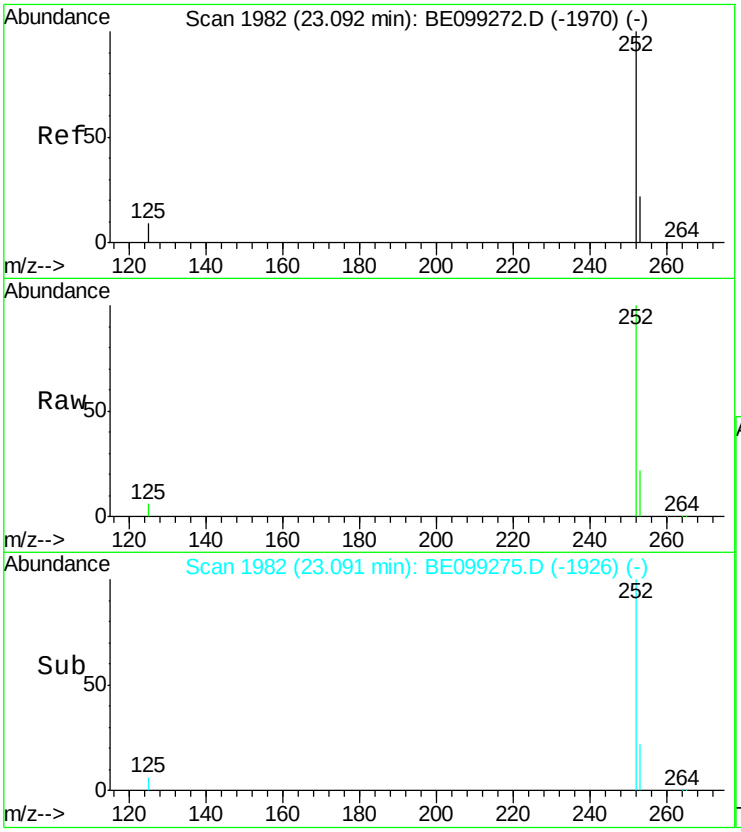


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:264 Resp: 37017

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	26.4	19.3	28.9



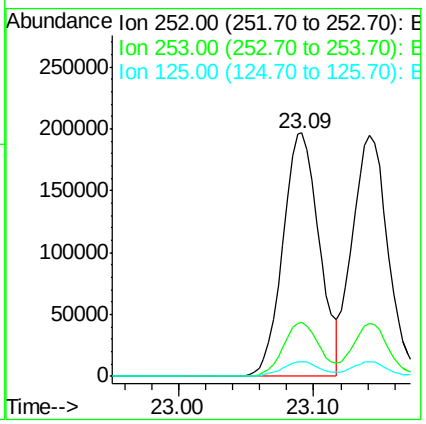


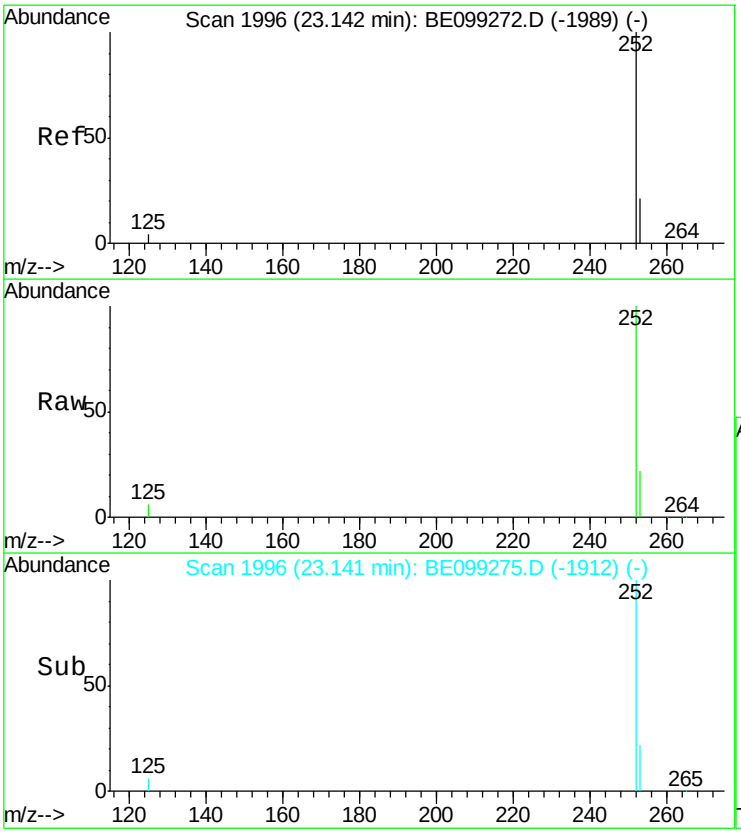
#35
Benzo(b)fluoranthene
Concen: 3.001 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 365562

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	6.1	7.4	11.2#

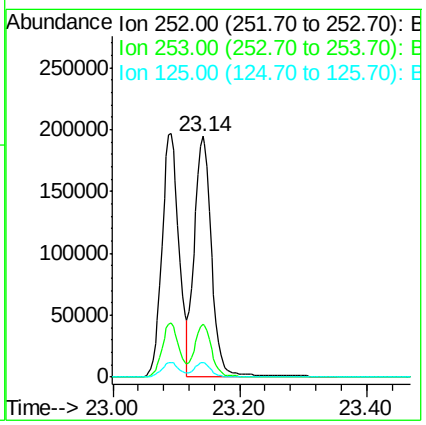


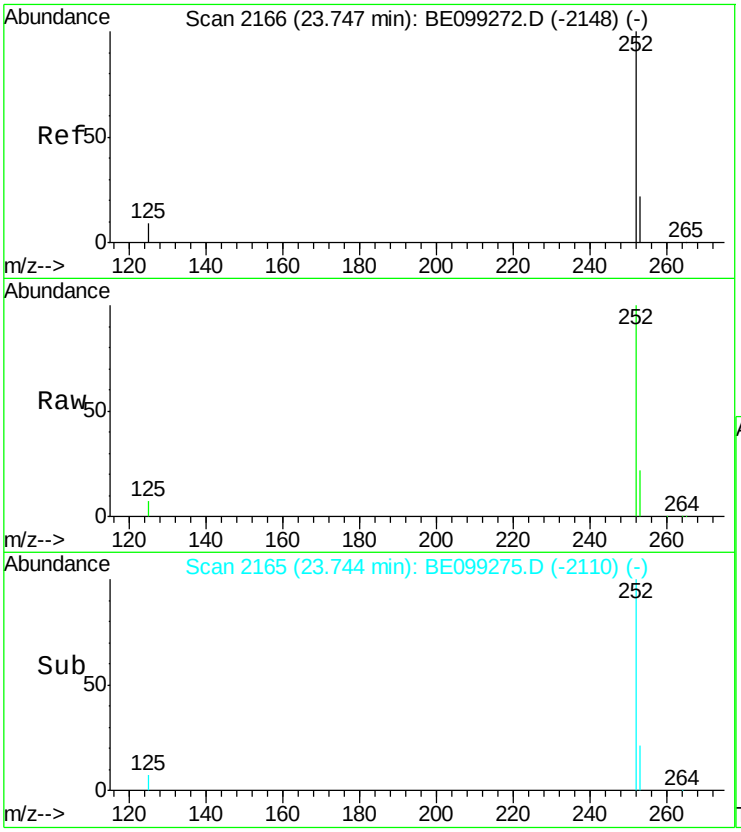


#36
Benzo(k)fluoranthene
Concen: 2.837 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:252 Resp: 365317

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	5.9	5.8	8.6



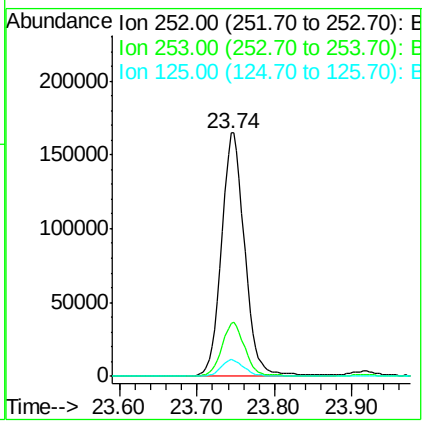


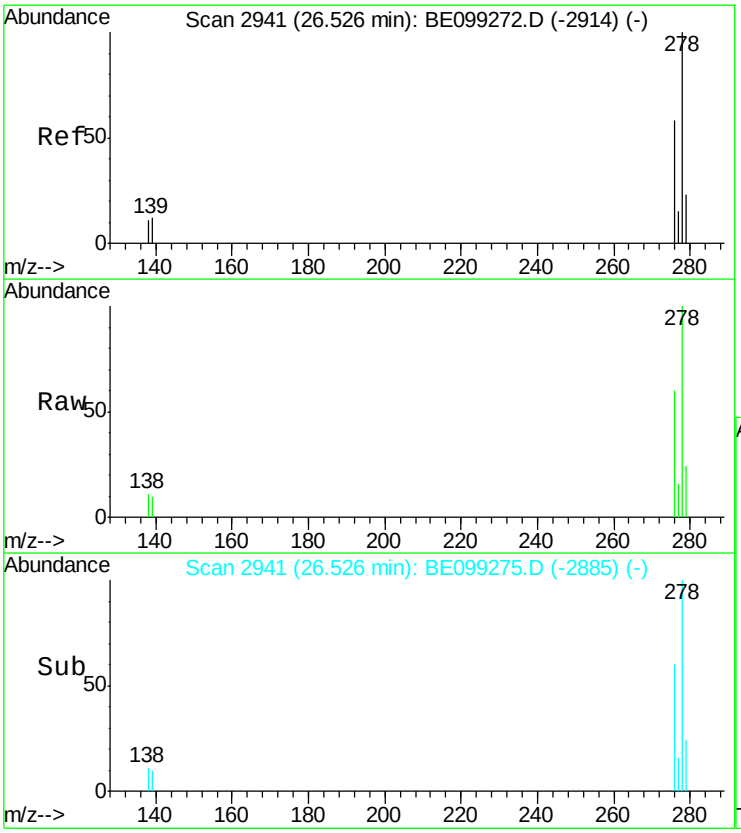
#37
Benzo(a)pyrene
Concen: 2.997 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 340985

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	6.8	7.8	11.8#

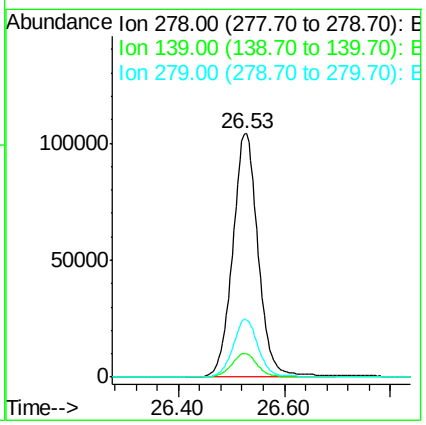


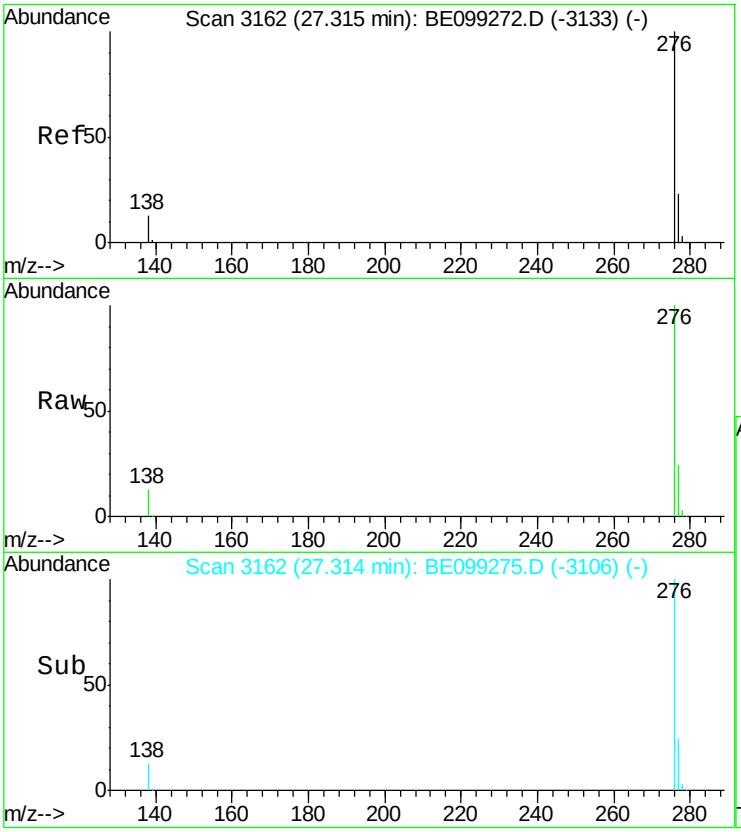


#38
Dibenzo(a,h)anthracene
Concen: 3.455 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:278 Resp: 349210

Ion	Ratio	Lower	Upper
278	100		
139	9.9	10.2	15.2#
279	23.7	19.0	28.4





#39
Benzo(g,h,i)perylene
Concen: 3.406 ng
RT: 27.31 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 345244

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	13.0	11.2	16.8