Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099855.D
Acq On : 7 Jun 2019 16:41
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 08 04:31:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	649	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	2345	0.40	ng		-0.01
13) Acenaphthene-d10	14.47	164	1752	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	5916	0.40	ng		-0.01
27) Chrysene-d12	21.40	240	9404	0.40	ng		-0.01
34) Perylene-d12	23.94	264	11423	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	790	0.36	ng		0.00
5) Phenol-d6	6.96	99	1026	0.38	ng		0.00
8) Nitrobenzene-d5	8.96	82	943	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	1616	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	667	0.38	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	2592	0.41	ng		0.00
25) Fluoranthene-d10	19.25	212	34490	0.38	ng		0.00
29) Terphenyl-d14	19.86	244	7140	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	368	0.403	ng	#	91
3) n-Nitrosodimethylamine	3.61	42	242	0.391	ng	#	85
6) bis(2-Chloroethyl)ether	7.23	93	732	0.372	ng		95
9) Naphthalene	10.65	128	10037	0.394	ng		99
10) Hexachlorobutadiene	10.93	225	748	0.399	ng		99
12) 2-Methylnaphthalene	12.28	142	1585	0.366	ng		96
16) Acenaphthylene	14.20	152	3375	0.389	ng		100
17) Acenaphthene	14.54	154	1850	0.389	ng		99
18) Fluorene	15.51	166	2855	0.392	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	1292	0.381	ng	#	92
21) Hexachlorobenzene	16.52	284	1297	0.392	ng		96
22) Pentachlorophenol	16.92	266	319	0.493	ng		92
23) Phenanthrene	17.26	178	5639	0.384	ng		99
24) Anthracene	17.35	178	5172	0.368	ng		99
26) Fluoranthene	19.29	202	9809	0.379	ng		100
28) Pyrene	19.65	202	10411	0.418	ng		99
30) Benzo(a)anthracene	21.39	228	12238	0.410	ng		97
31) Chrysene	21.44	228	12943	0.441	ng		97
32) Bis(2-ethylhexyl)phthalate	21.31	149	20767	0.426	ng		99
33) Indeno(1,2,3-cd)pyrene	26.62	276	15441	0.432	ng		98
35) Benzo(b)fluoranthene	23.15	252	12210	0.385	ng		98
36) Benzo(k)fluoranthene	23.21	252	12549	0.395	ng	#	96
37) Benzo(a)pyrene	23.82	252	12296	0.399	ng	#	97
38) Dibenzo(a,h)anthracene	26.65	278	12266	0.390	ng		93
39) Benzo(g,h,i)perylene	27.45	276	12877	0.403	ng		95

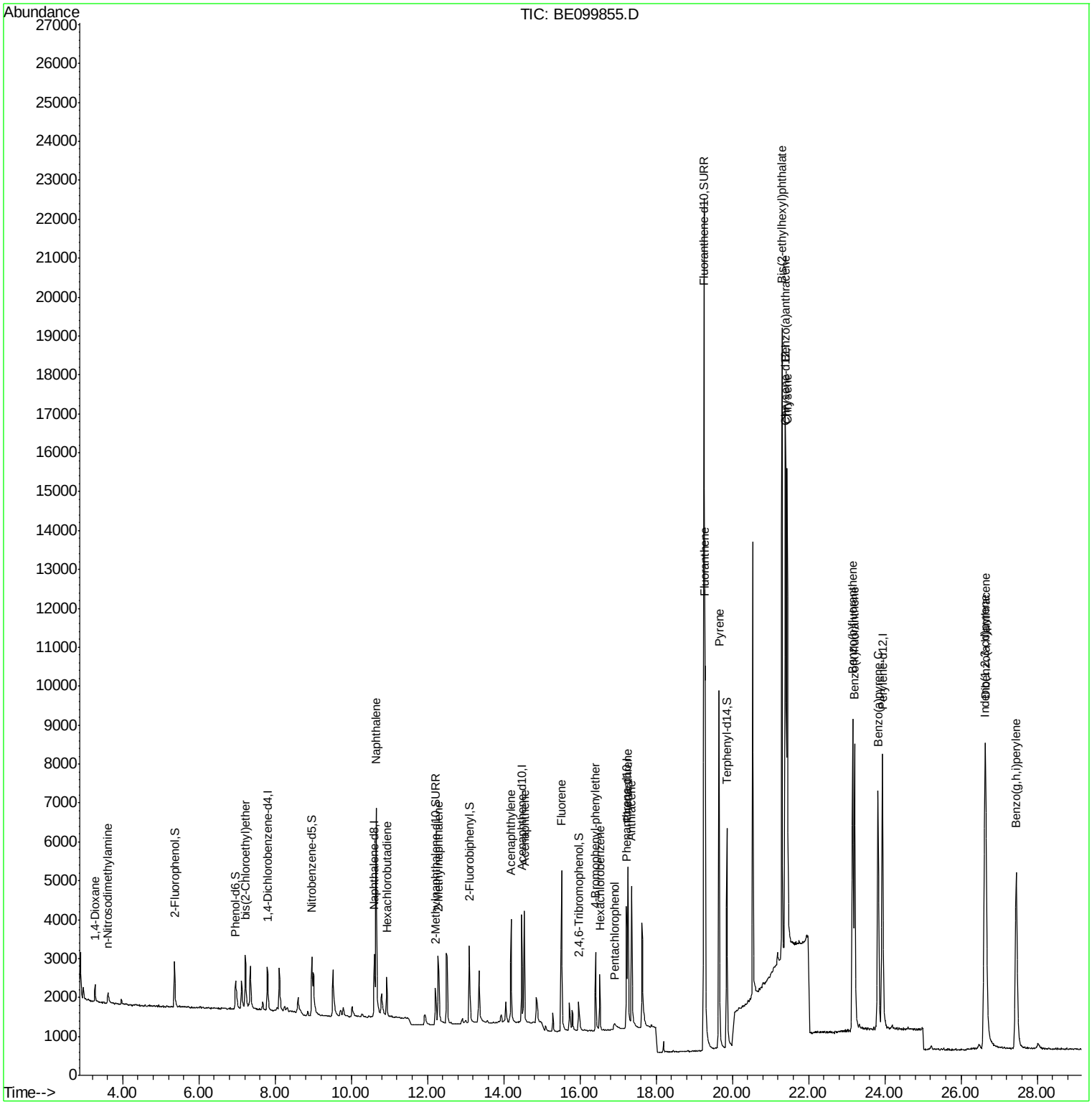
(#) = qualifier out of range (m) = manual integration (+) = signals summed

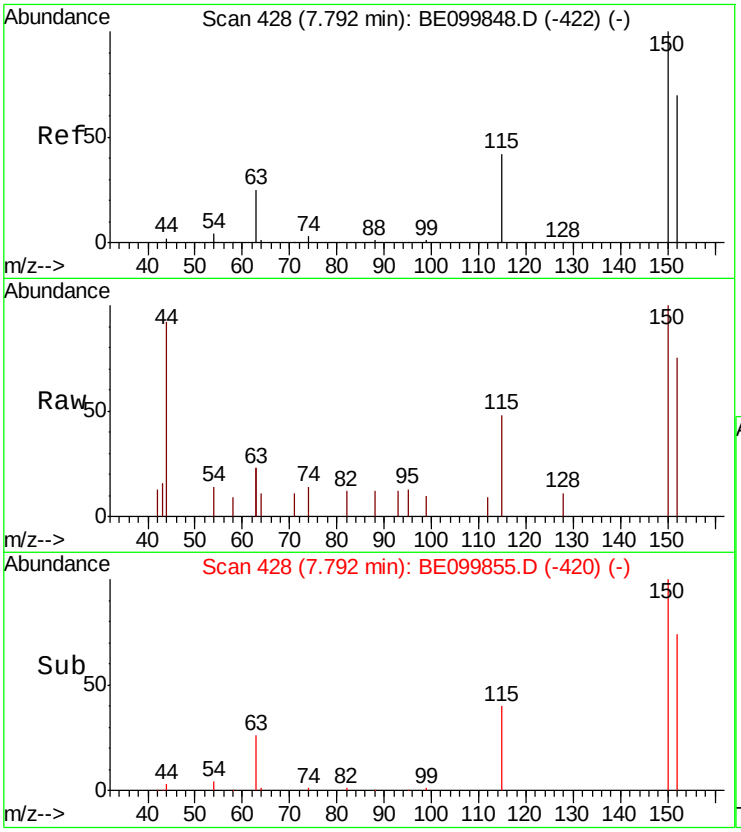
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099855.D
Acq On : 7 Jun 2019 16:41
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 08 04:31:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration



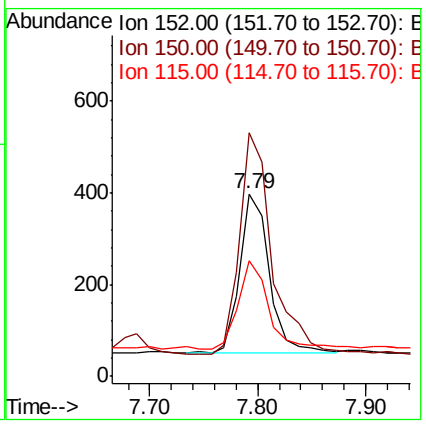


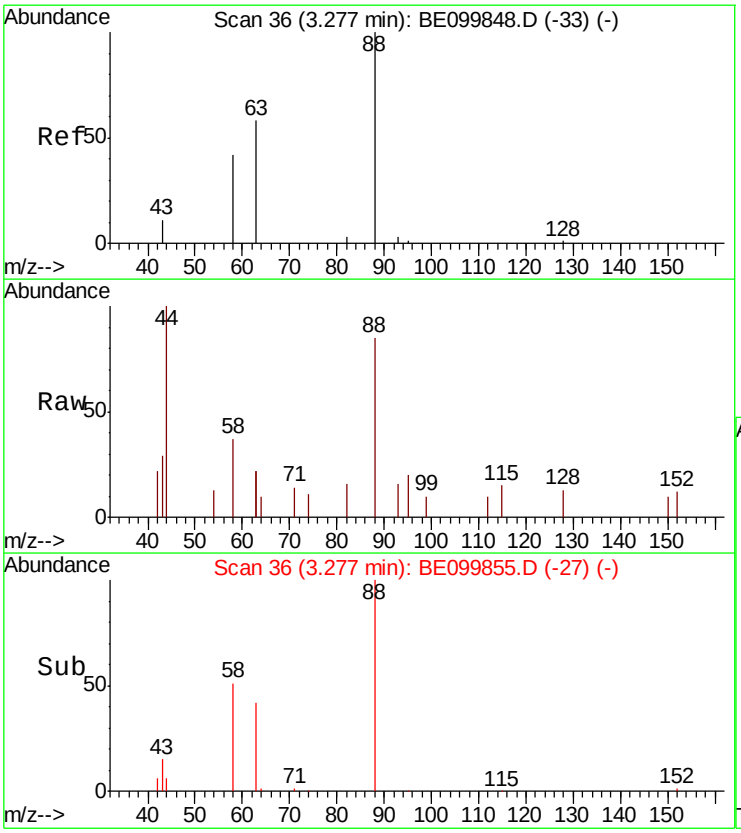
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 649

Ion	Ratio	Lower	Upper
152	100		
150	133.4	112.8	169.2
115	63.6	47.6	71.4

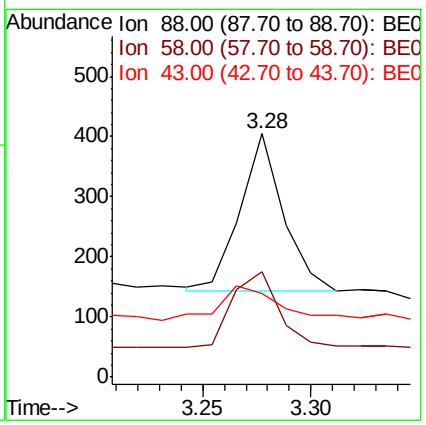


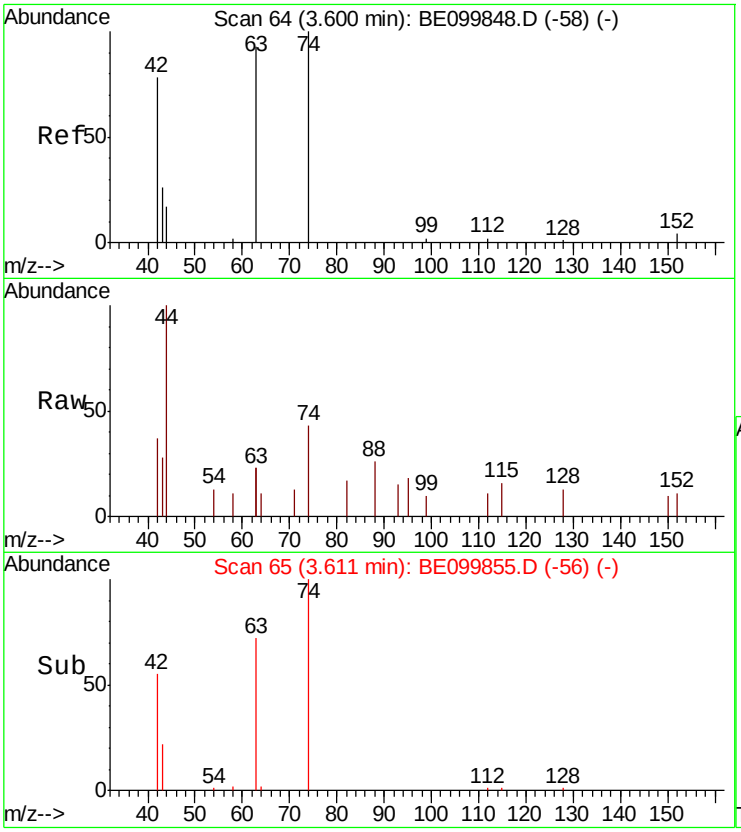


#2
1,4-Dioxane
Concen: 0.403 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion: 88 Resp: 368

Ion	Ratio	Lower	Upper
88	100		
58	54.3	47.3	70.9
43	30.2	18.2	27.4#



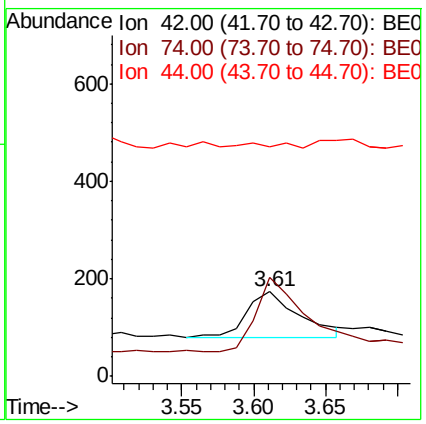


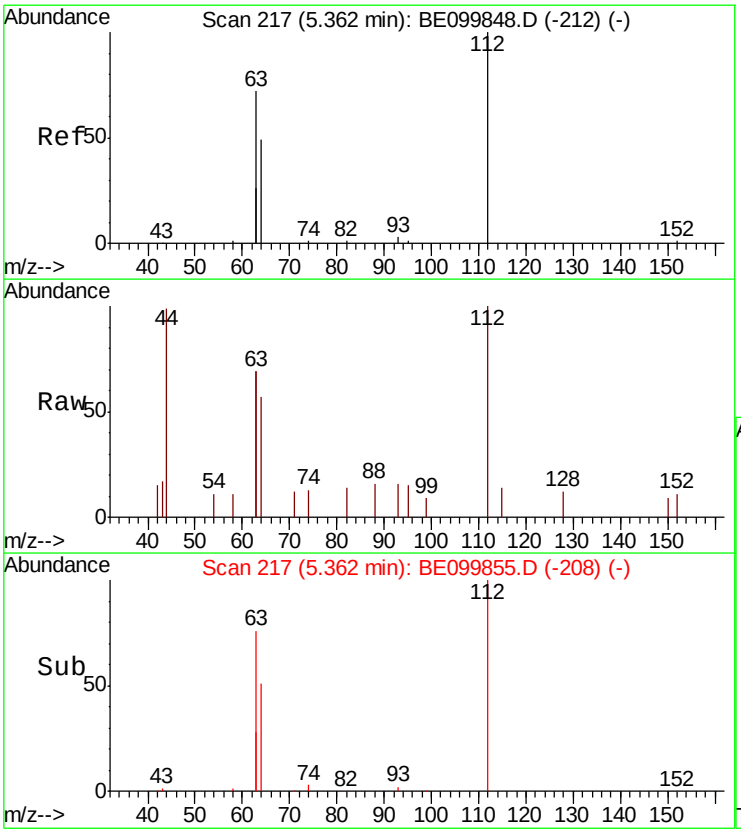
#3
n-Nitrosodimethylamine
Concen: 0.391 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 242

Ion	Ratio	Lower	Upper
42	100		
74	148.3	132.6	198.8
44	2.5	13.4	20.0#

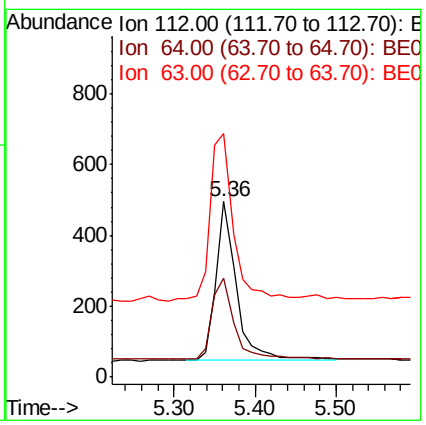


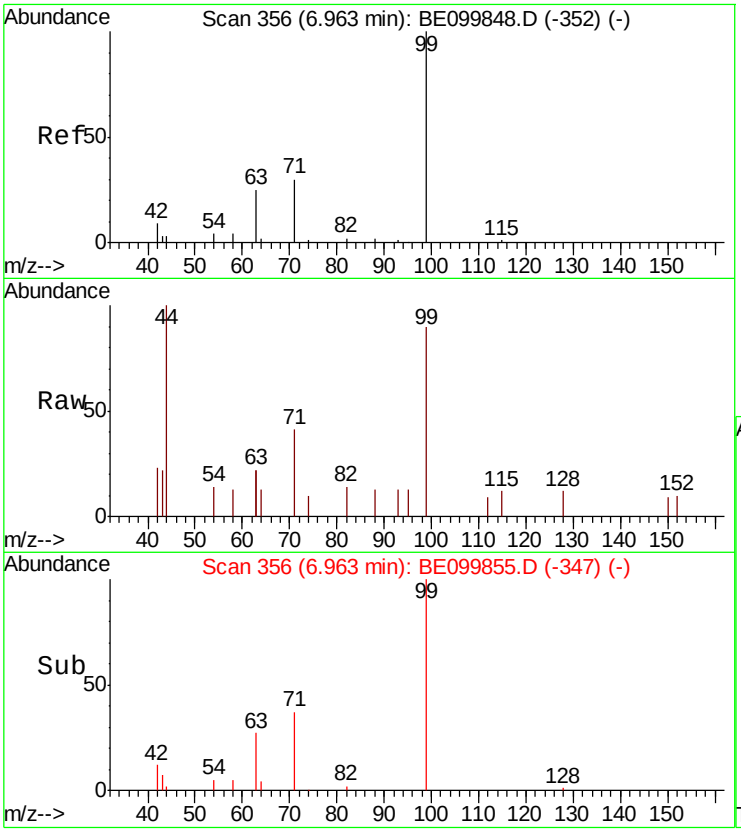


#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:112 Resp: 790

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.2	70.8
63	118.5	90.7	136.1



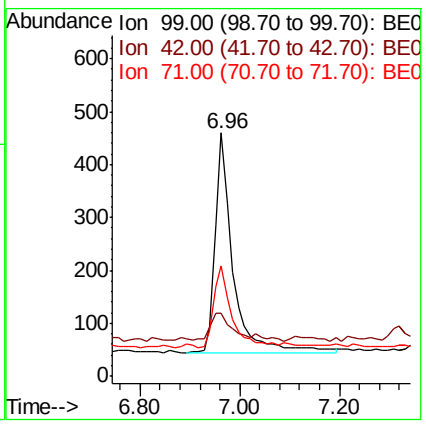


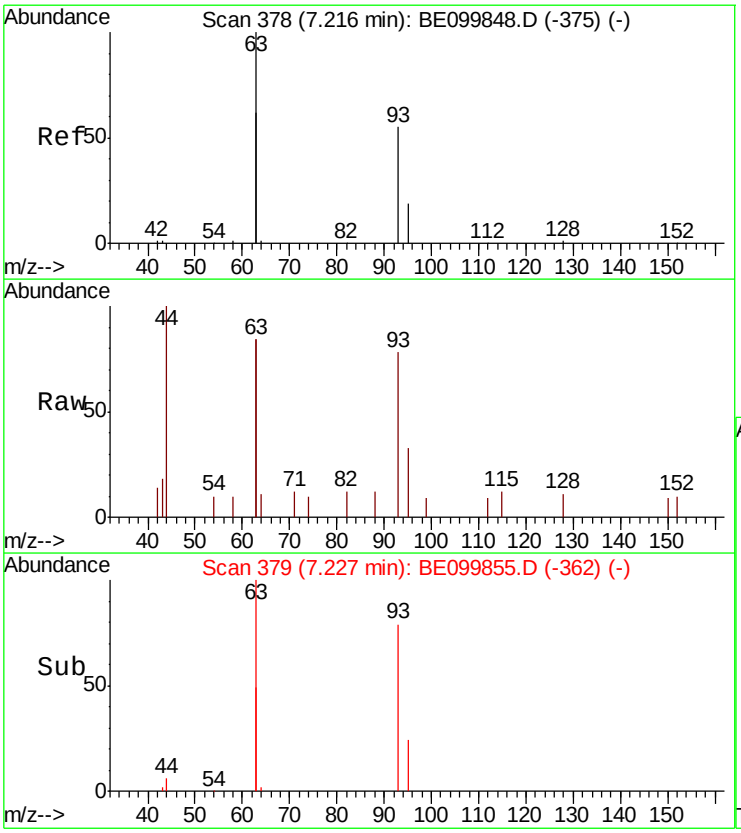
#5
Phenol-d6
Concen: 0.383 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1026

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.4
71	36.5	26.1	39.1

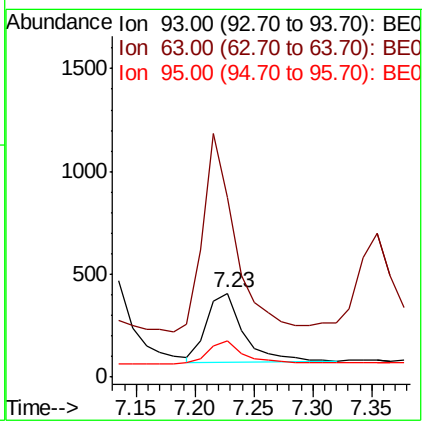


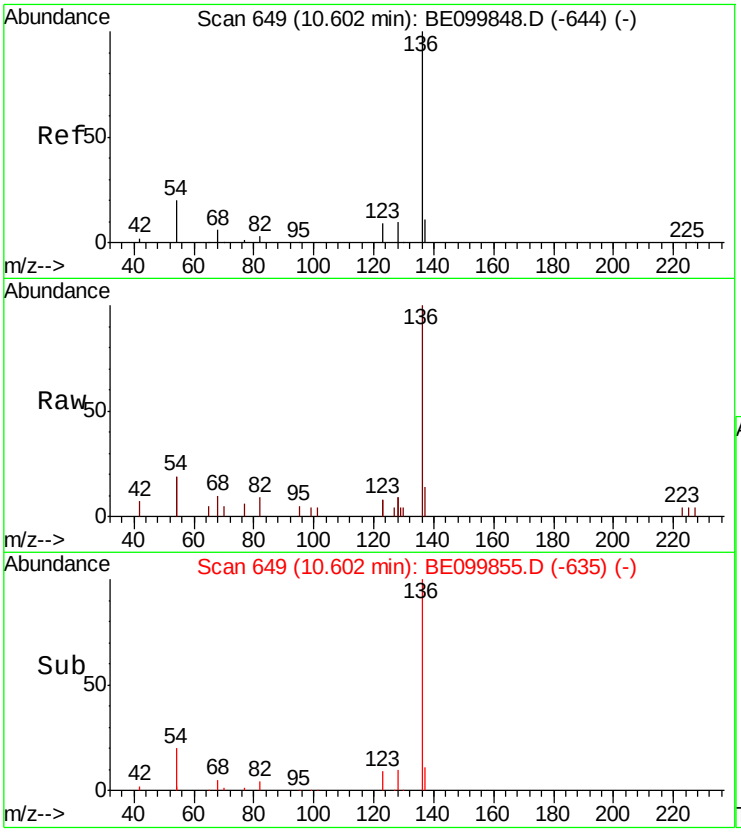


#6
bis(2-Chloroethyl)ether
Concen: 0.372 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion: 93 Resp: 732

Ion	Ratio	Lower	Upper
93	100		
63	251.1	208.8	313.2
95	33.9	27.6	41.4



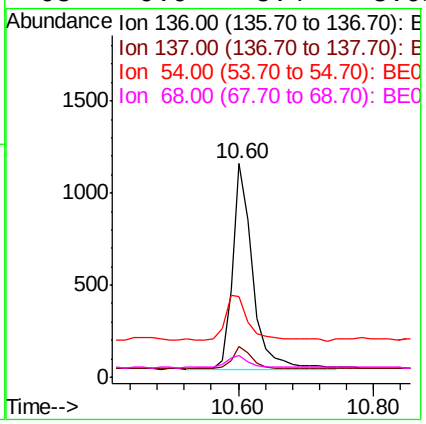


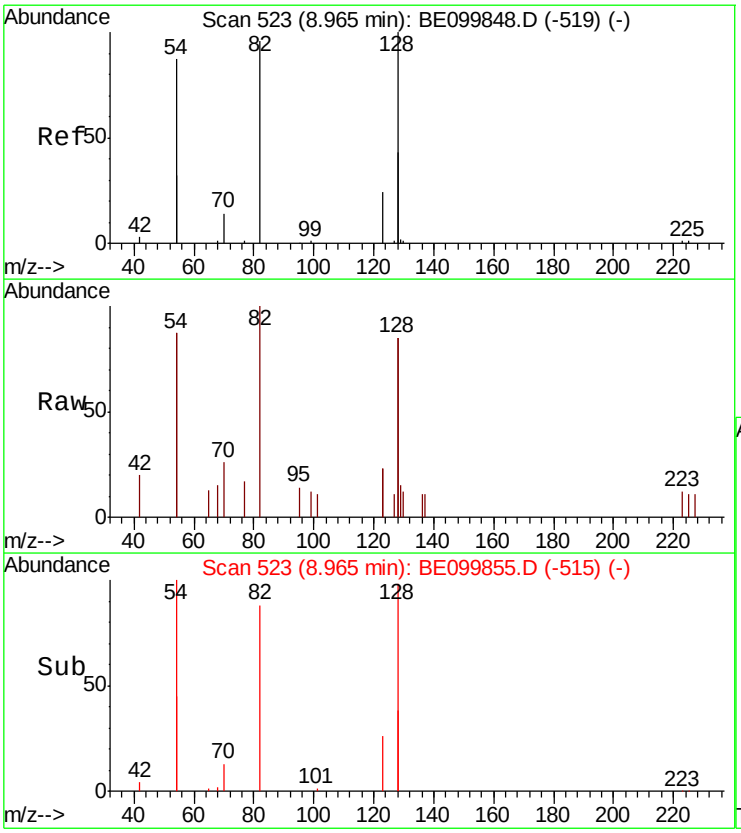
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 2345

Ion	Ratio	Lower	Upper
136	100		
137	14.3	11.1	16.7
54	37.8	17.9	26.9#
68	9.9	5.4	8.0#

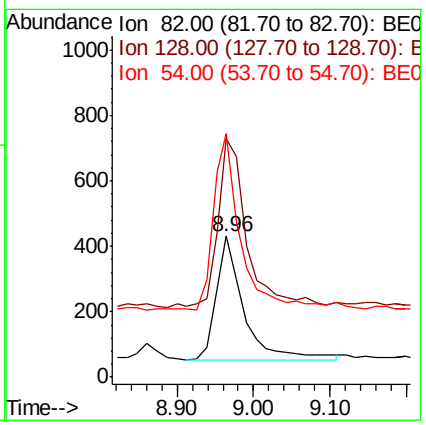


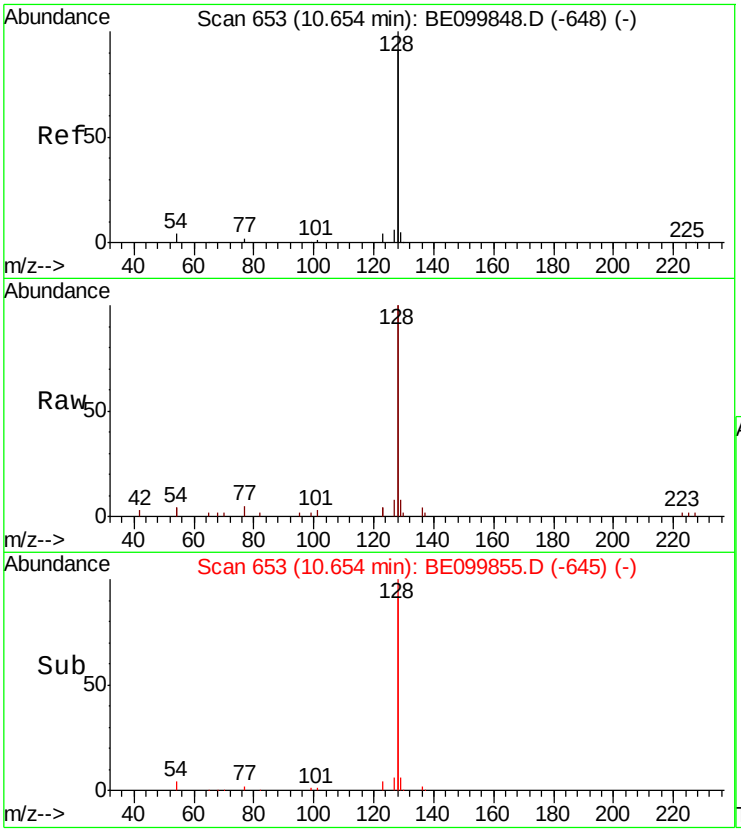


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion: 82 Resp: 943

Ion	Ratio	Lower	Upper
82	100		
128	169.8	116.6	175.0
54	173.0	136.2	204.4



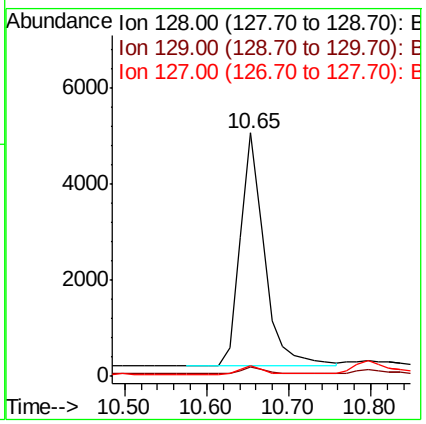


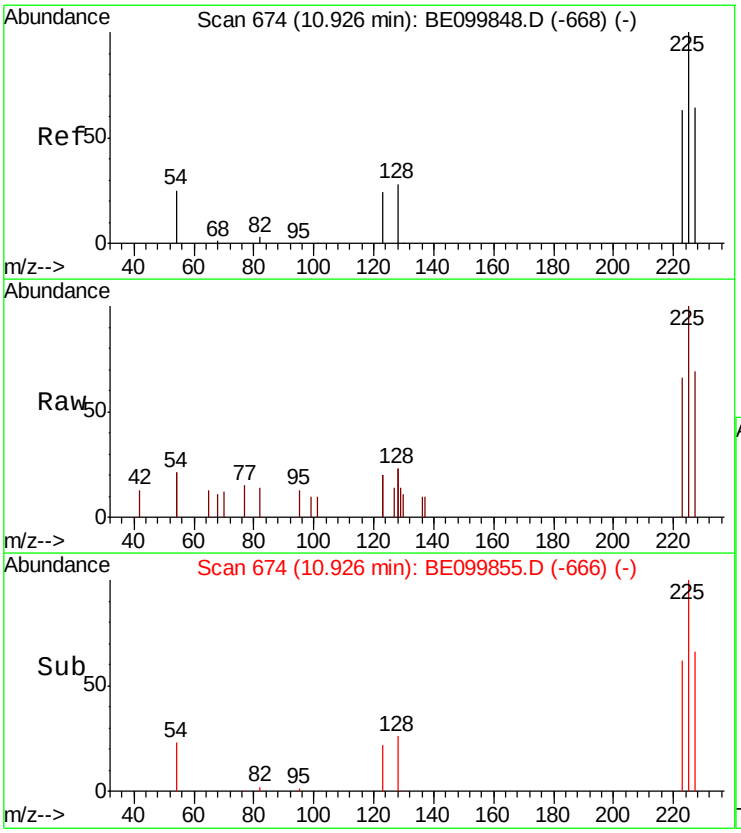
#9
Naphthalene
Concen: 0.394 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 10037

Ion	Ratio	Lower	Upper
128	100		
129	3.9	2.6	4.0
127	4.2	3.0	4.6

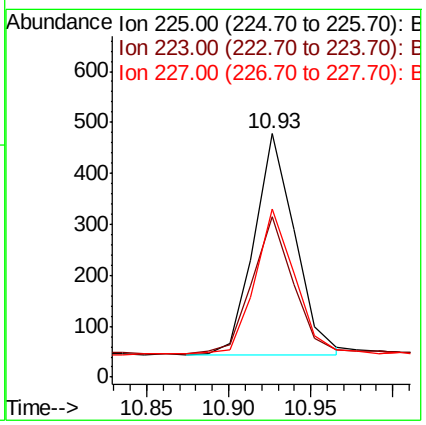


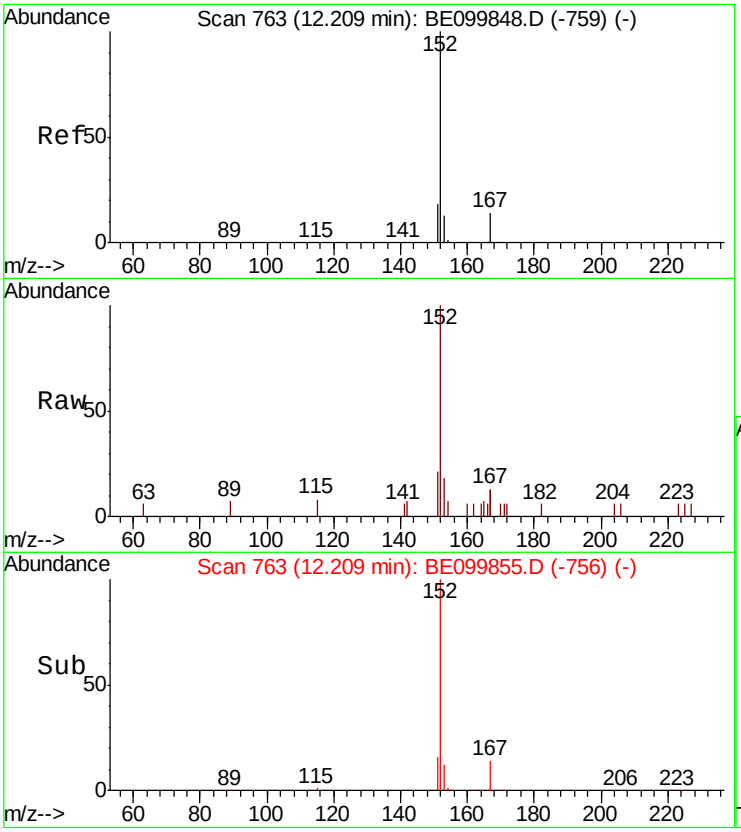


#10
Hexachlorobutadiene
Concen: 0.399 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:225 Resp: 748

Ion	Ratio	Lower	Upper
225	100		
223	62.7	48.6	72.8
227	64.4	51.6	77.4



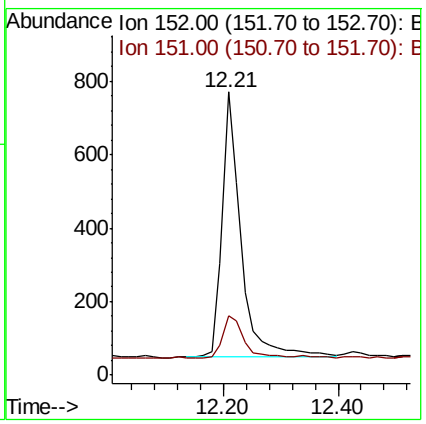


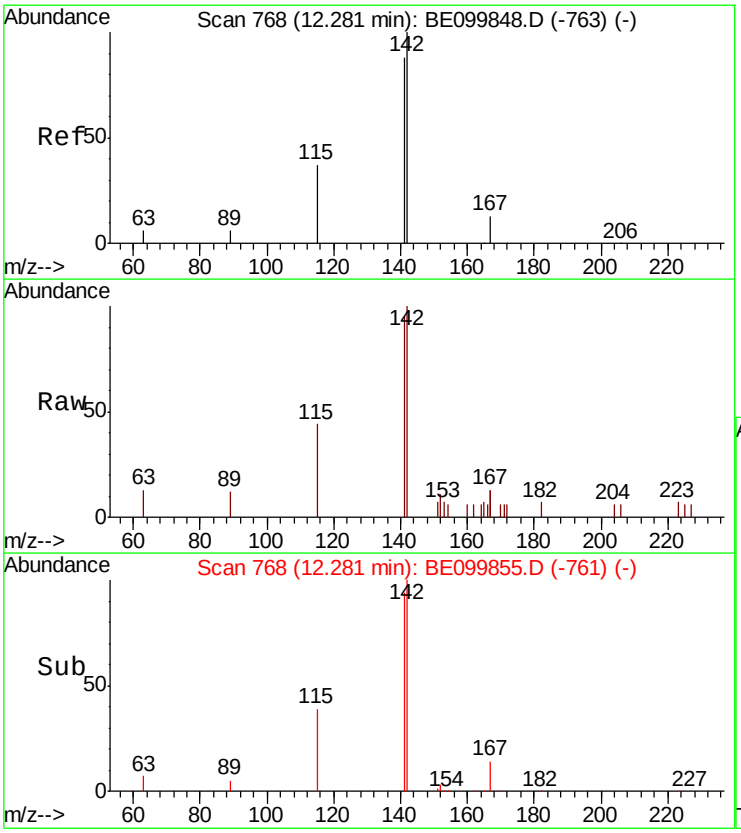
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1616

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.8	23.8

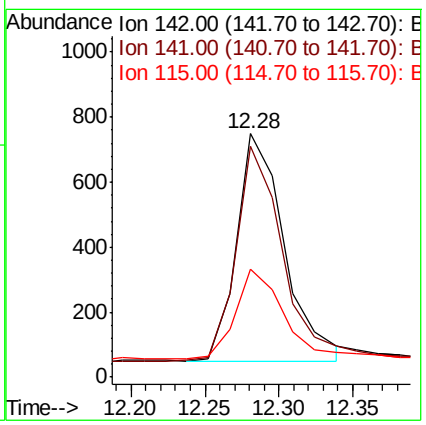


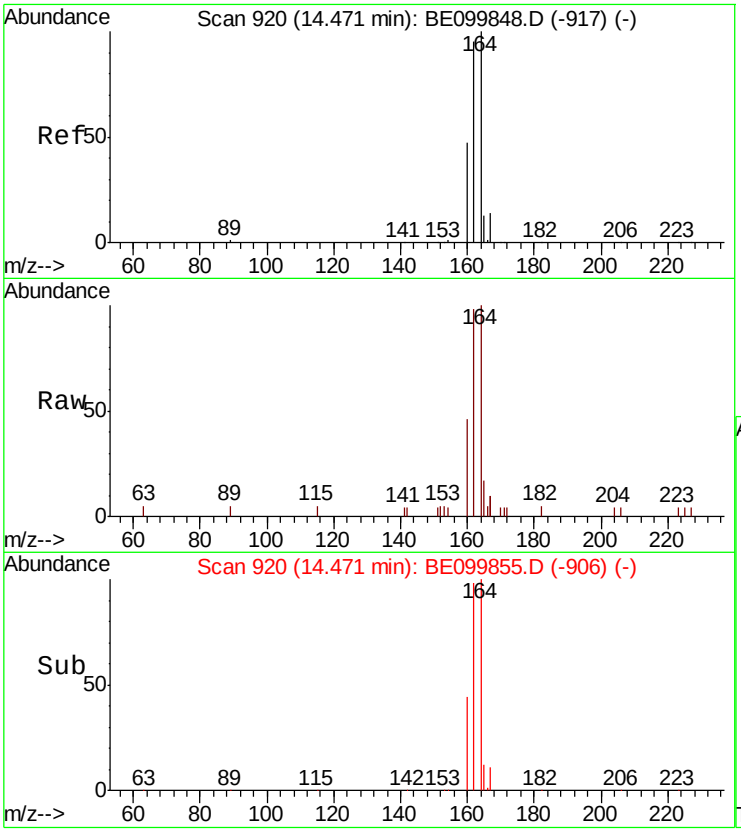


#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:142 Resp: 1585

Ion	Ratio	Lower	Upper
142	100		
141	94.8	73.3	109.9
115	44.5	33.4	50.2



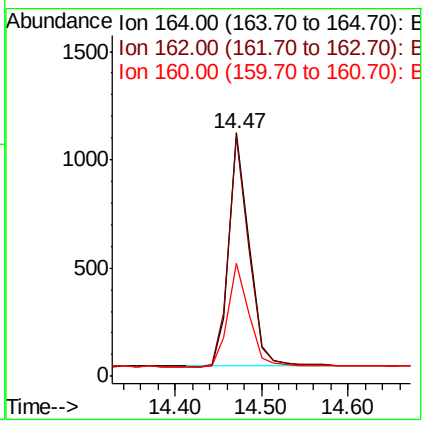


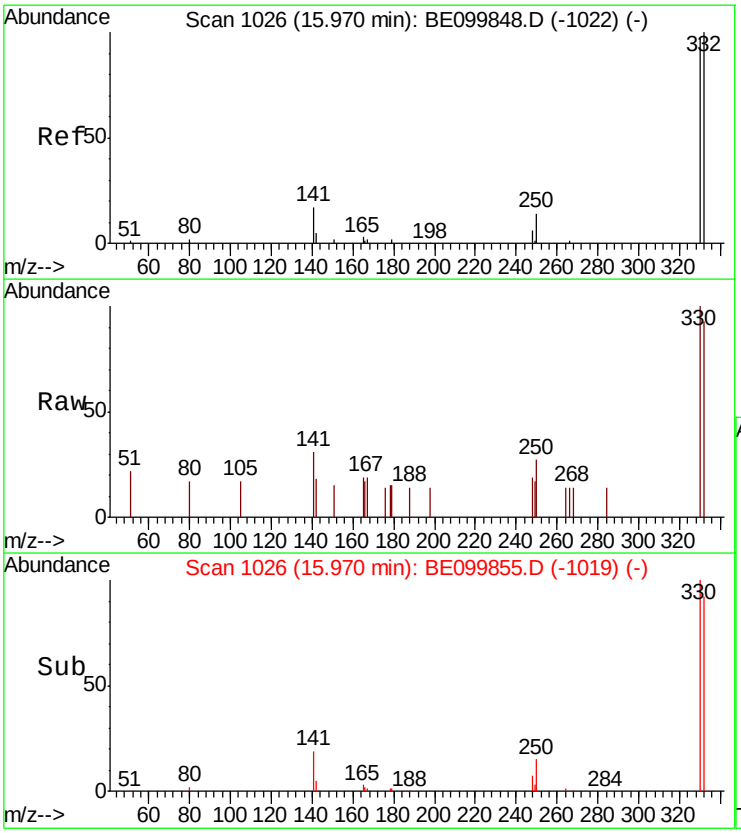
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1752

Ion	Ratio	Lower	Upper
164	100		
162	98.5	77.2	115.8
160	46.4	39.4	59.2

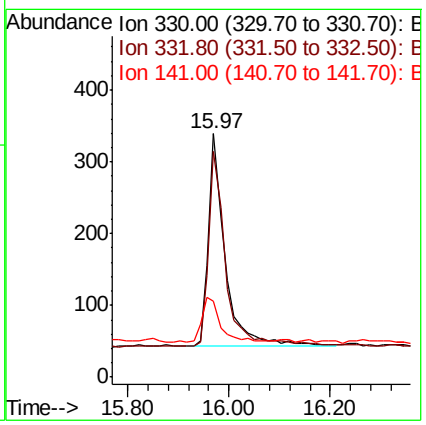


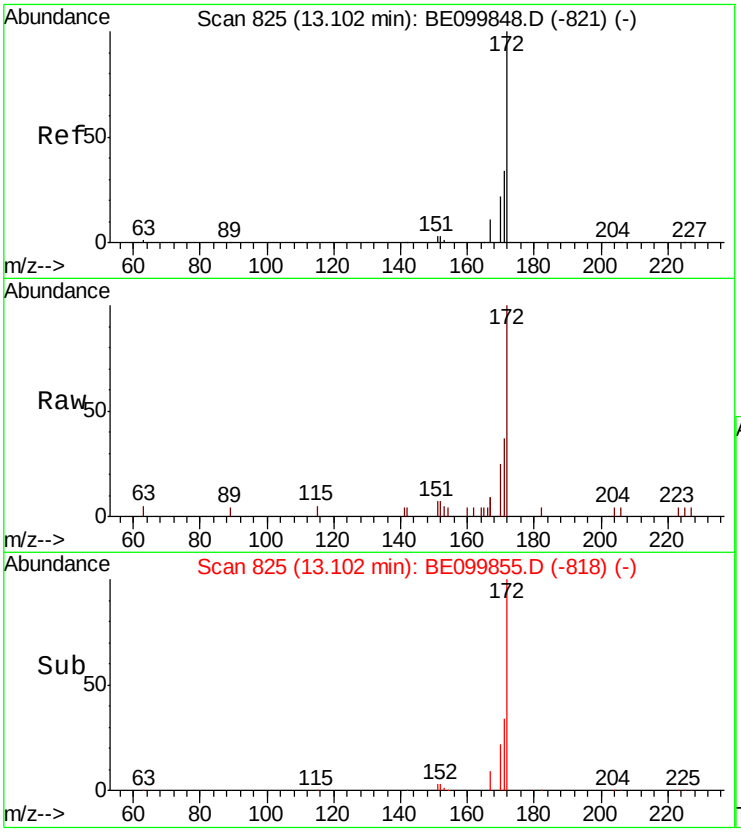


#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:330 Resp: 667

Ion	Ratio	Lower	Upper
330	100		
332	96.6	74.9	112.3
141	23.5	16.0	24.0



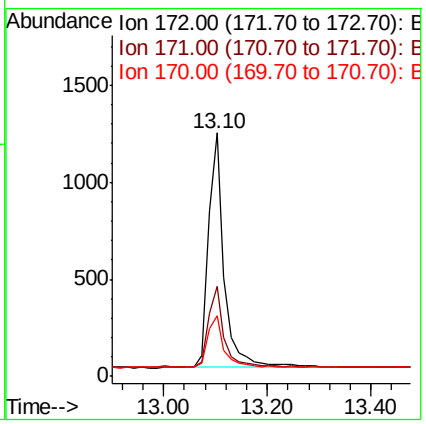


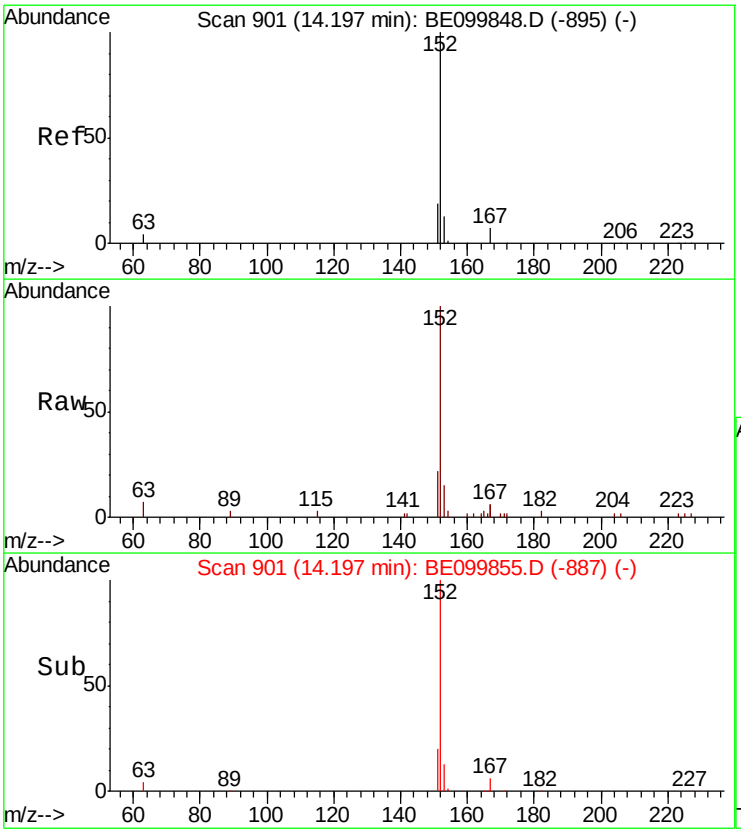
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2592

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.2	45.4
170	24.6	20.1	30.1

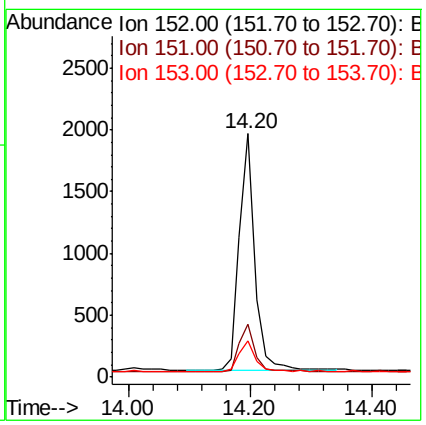


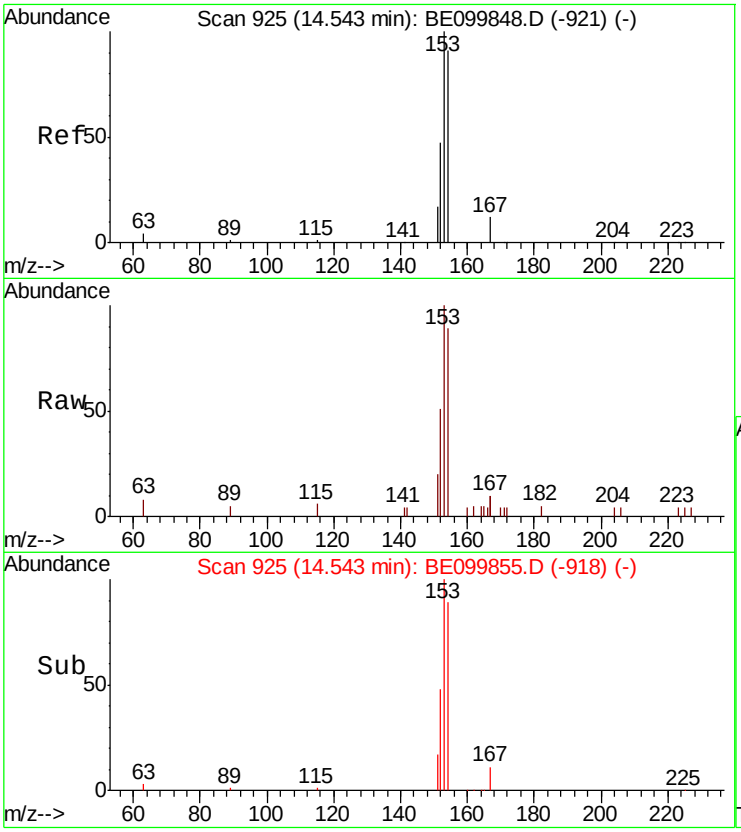


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:152 Resp: 3375

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.4	10.8	16.2



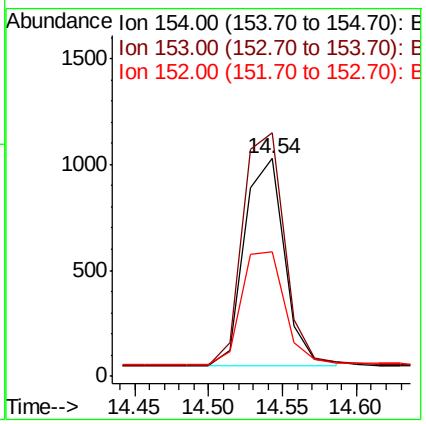


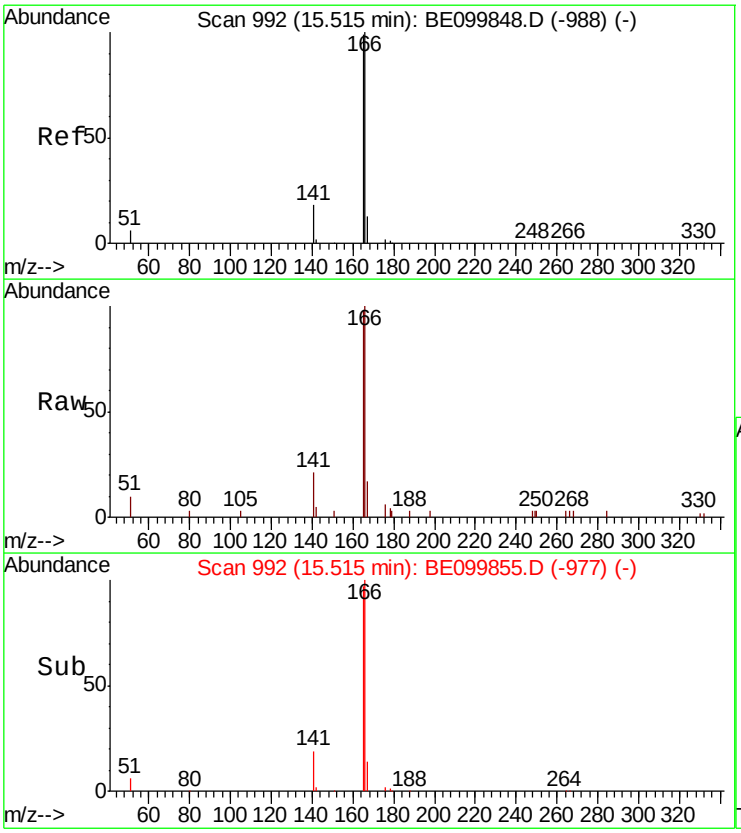
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1850

Ion	Ratio	Lower	Upper
154	100		
153	118.1	93.8	140.6
152	59.4	48.3	72.5

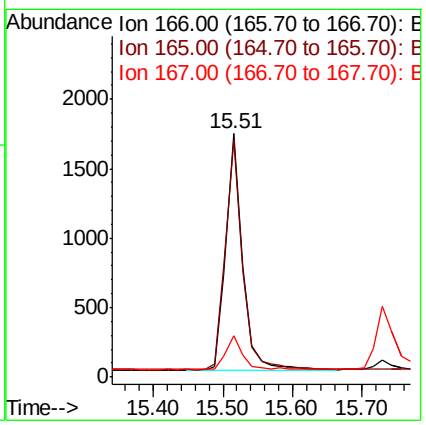


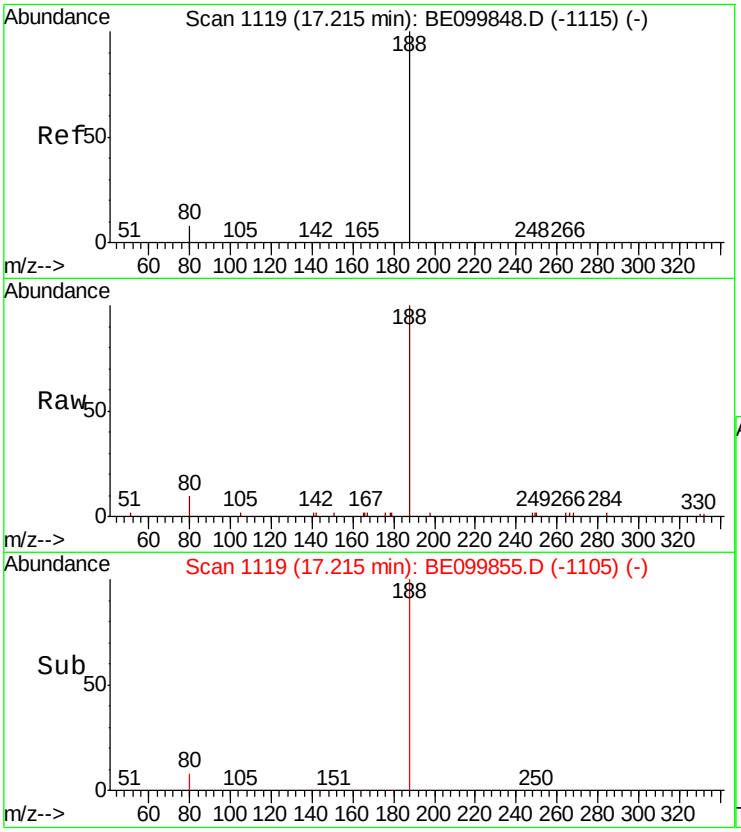


#18
Fluorene
Concen: 0.392 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:166 Resp: 2855

Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.4	120.6
167	14.2	10.7	16.1



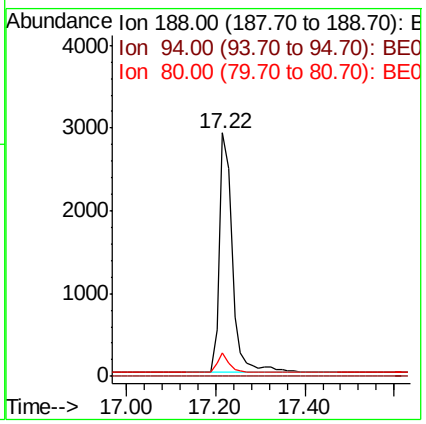


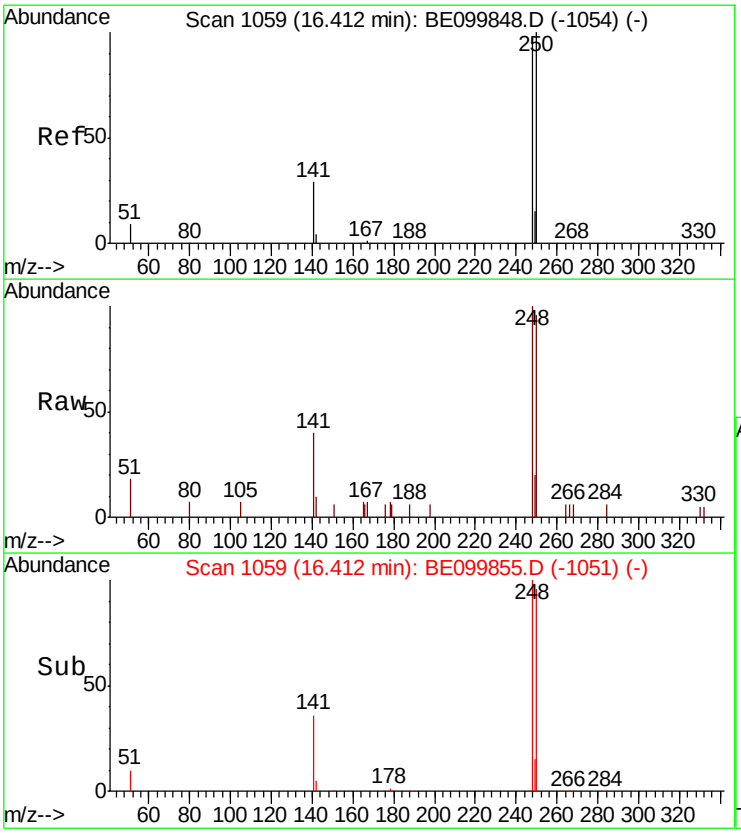
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 5916

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	5.2	7.8#

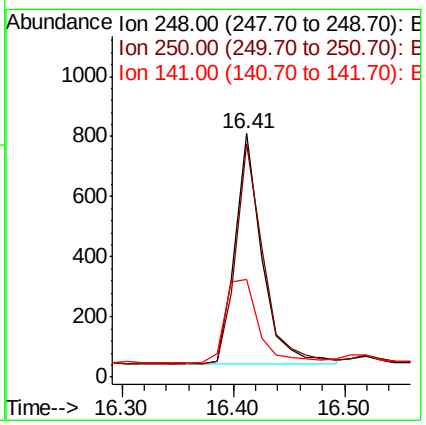


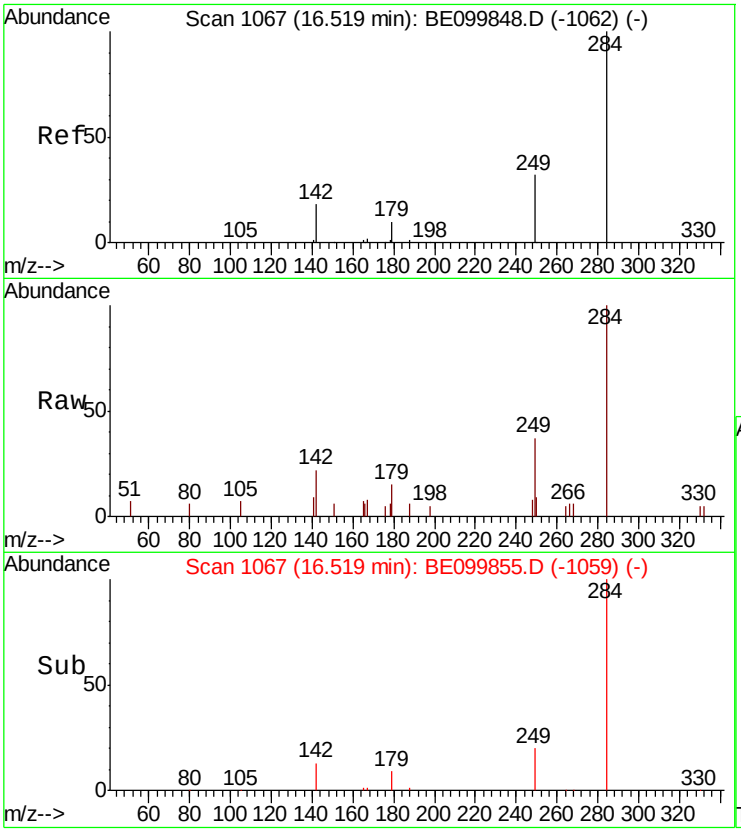


#20
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:248 Resp: 1292

Ion	Ratio	Lower	Upper
248	100		
250	95.9	73.7	110.5
141	40.4	40.9	61.3#



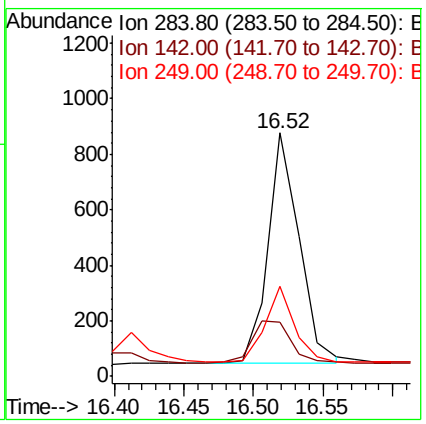


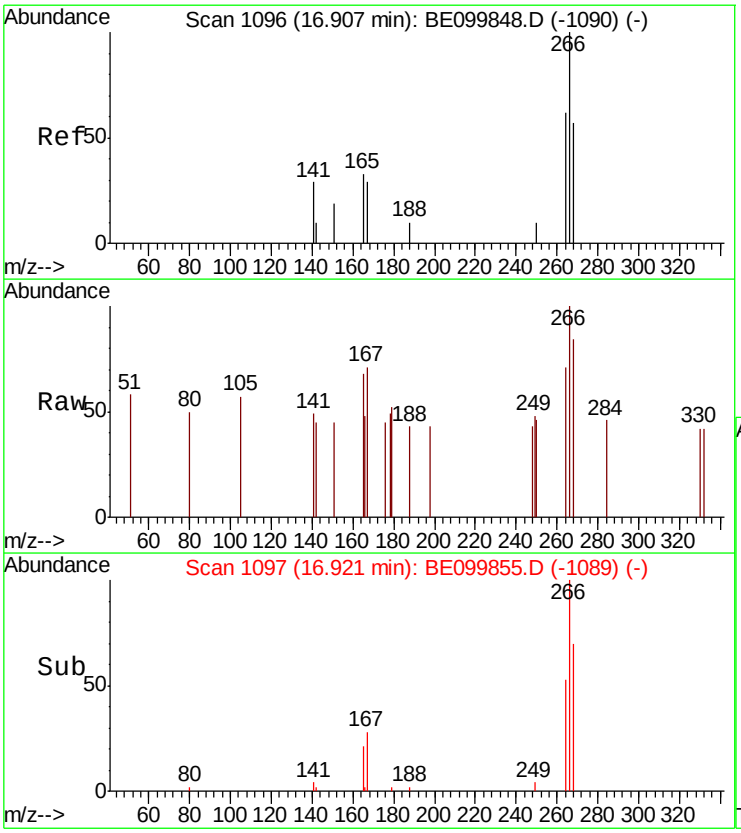
#21
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1297

Ion	Ratio	Lower	Upper
284	100		
142	22.6	16.2	24.4
249	30.5	23.1	34.7

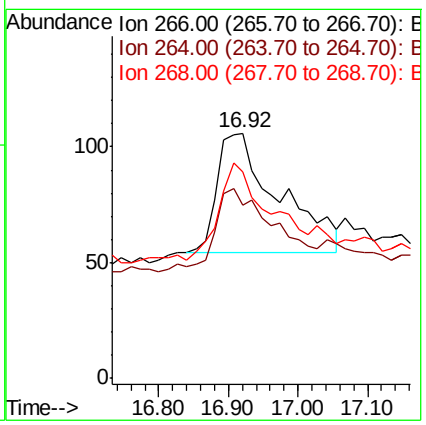


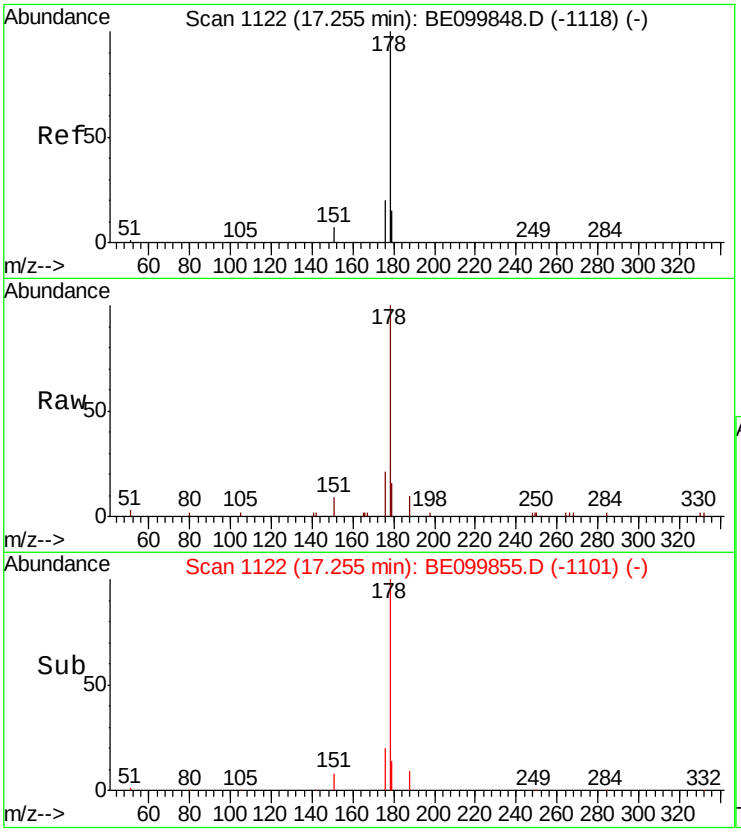


#22
Pentachlorophenol
Concen: 0.493 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:266 Resp: 319

Ion	Ratio	Lower	Upper
266	100		
264	70.8	64.9	97.3
268	84.0	64.0	96.0



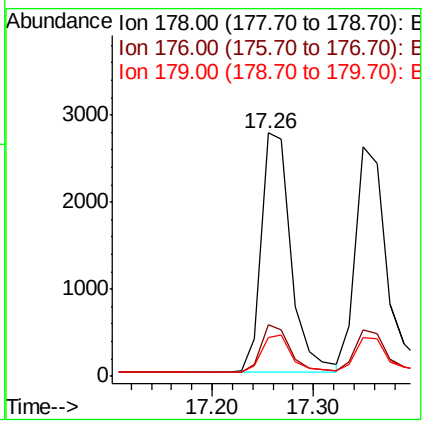


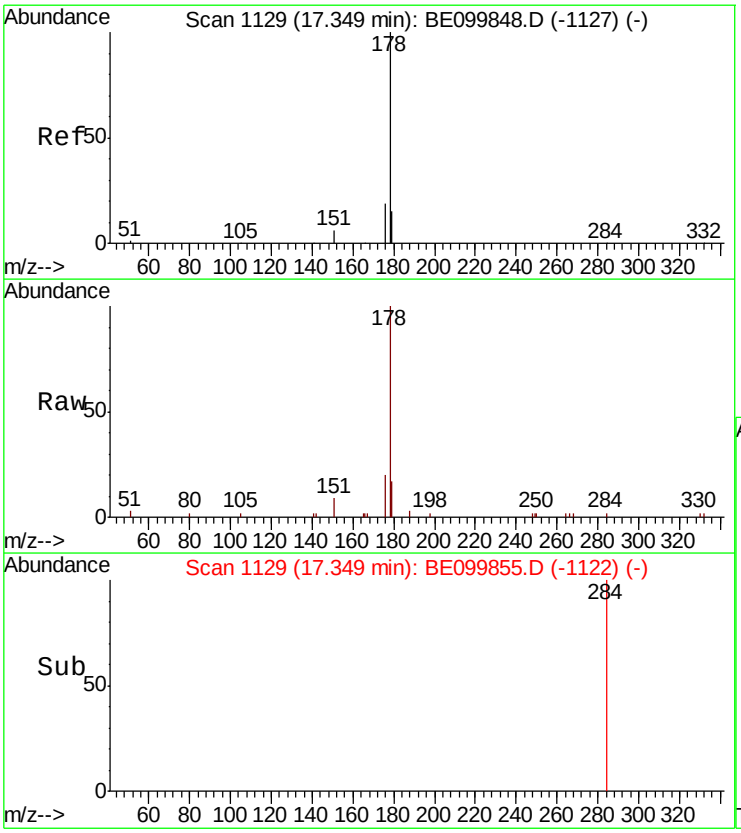
#23
Phenanthrene
Concen: 0.384 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 5639

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.2	12.5	18.7

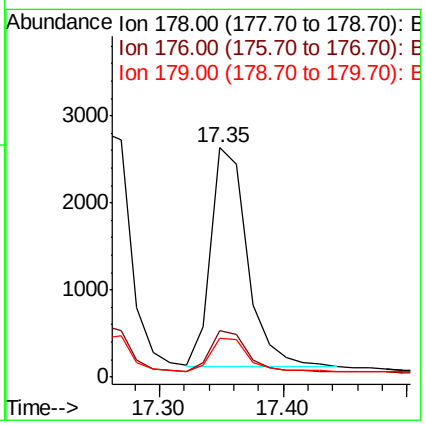


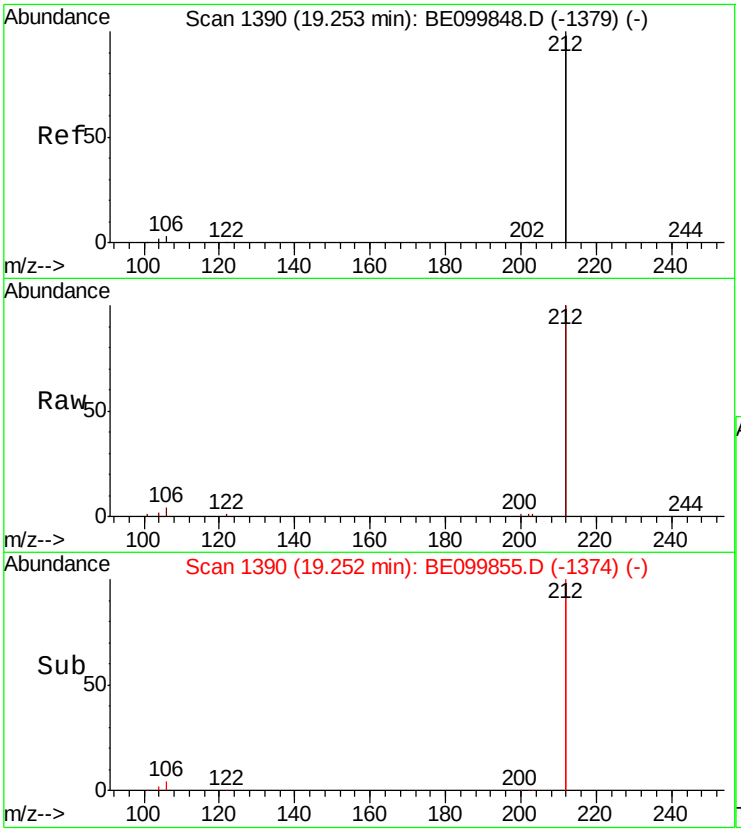


#24
Anthracene
Concen: 0.368 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:178 Resp: 5172

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.5	12.1	18.1



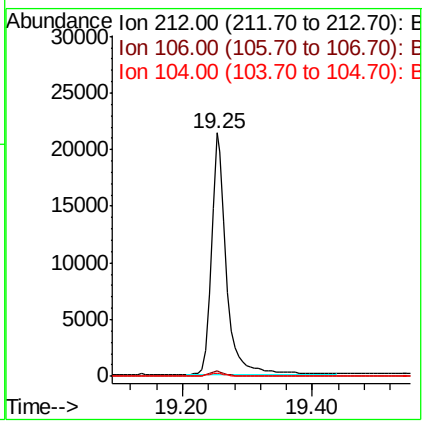


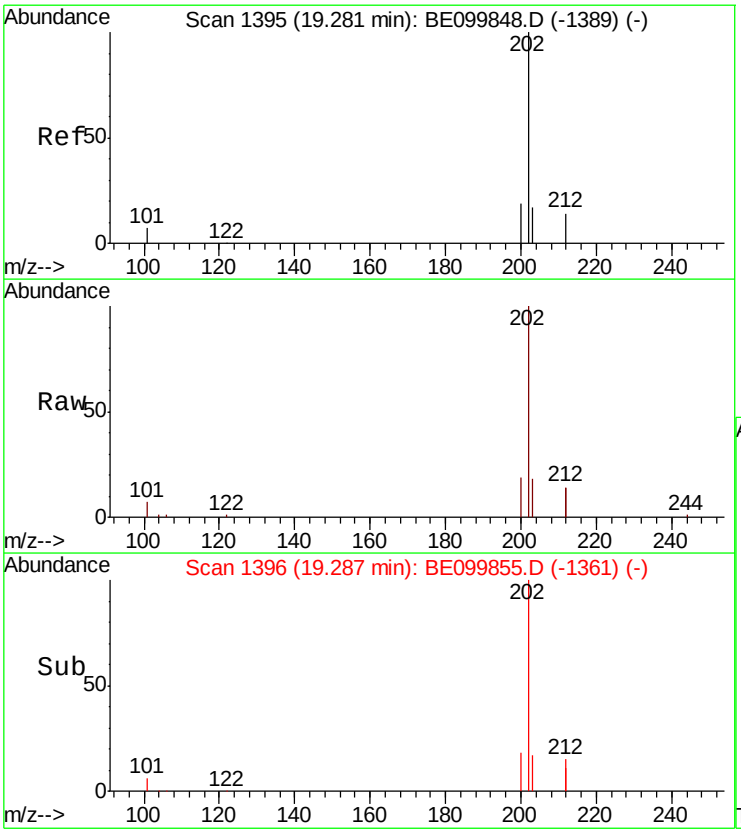
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 34490

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

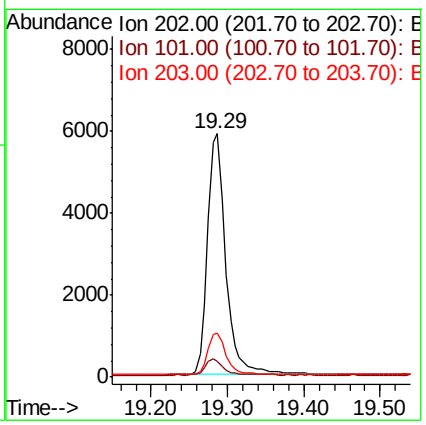


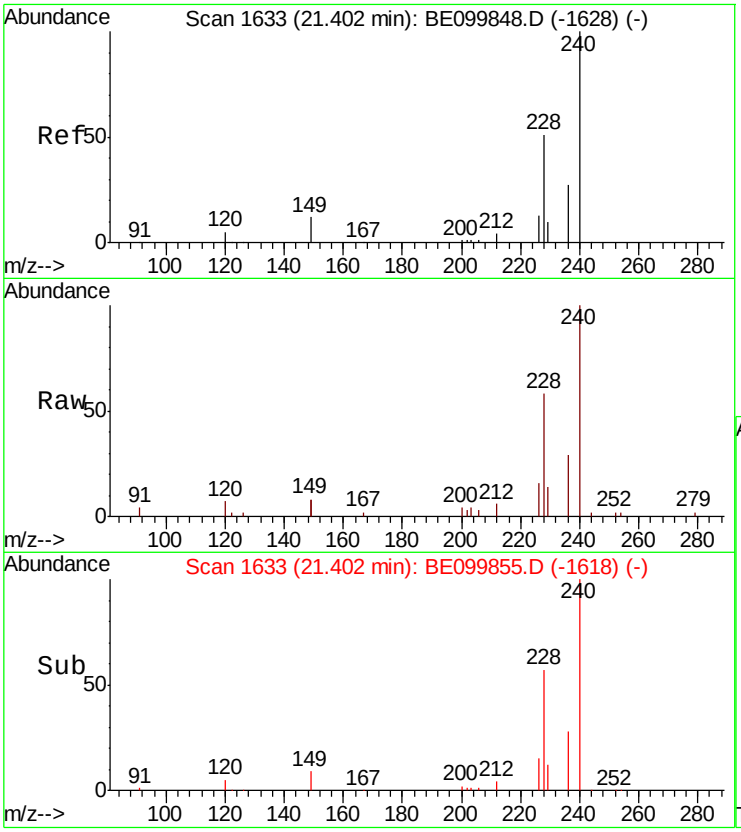


#26
Fluoranthene
Concen: 0.379 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:202 Resp: 9809

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
203	17.2	13.6	20.4



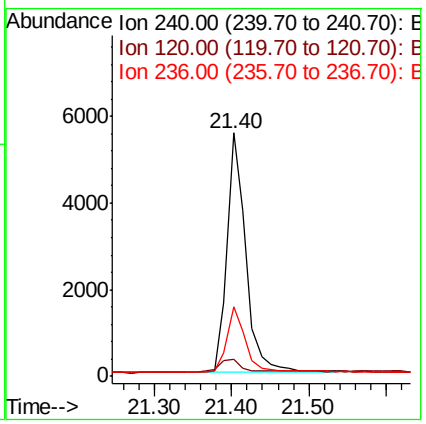


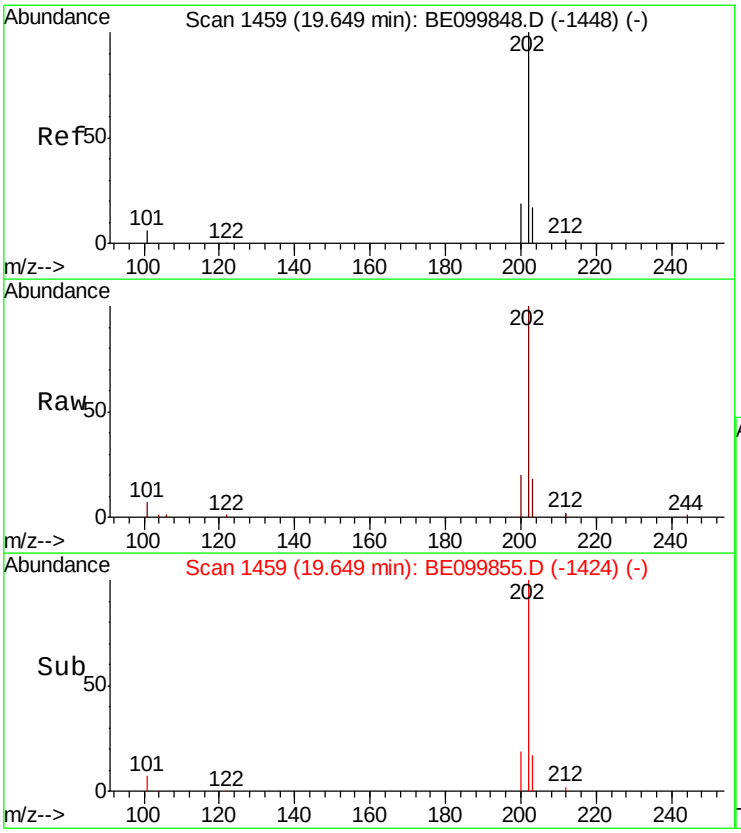
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 9404

Ion	Ratio	Lower	Upper
240	100		
120	6.8	2.8	4.2#
236	28.8	20.9	31.3

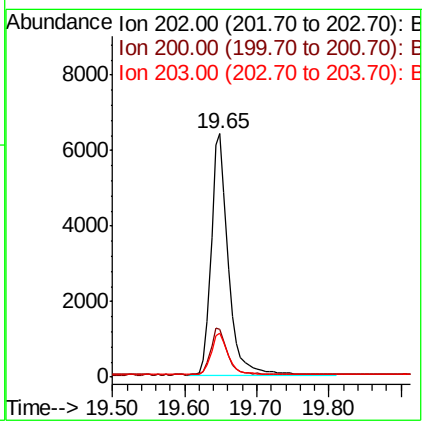


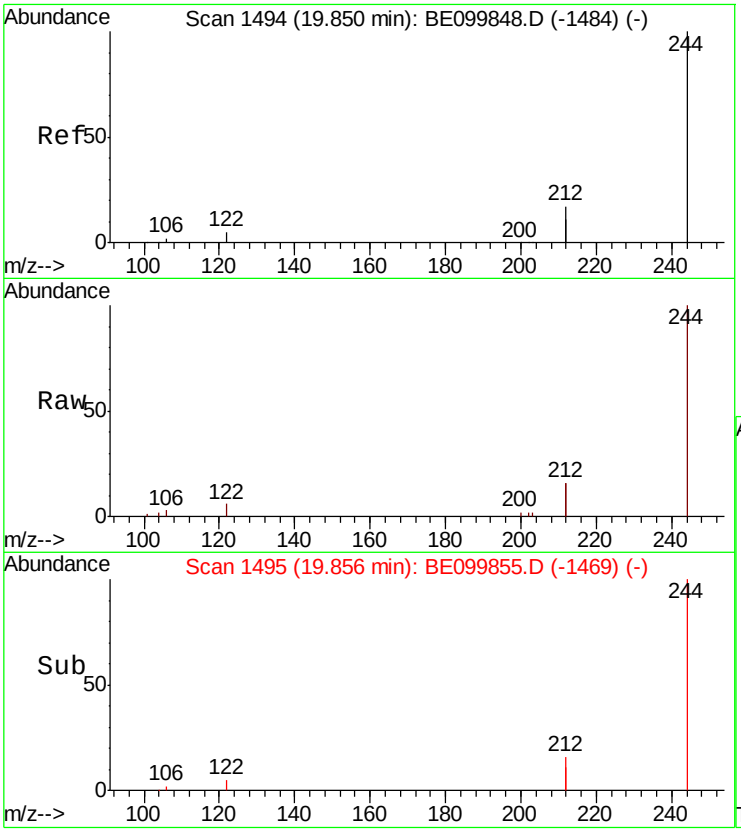


#28
Pyrene
Concen: 0.418 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:202 Resp: 10411

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	17.2	14.1	21.1



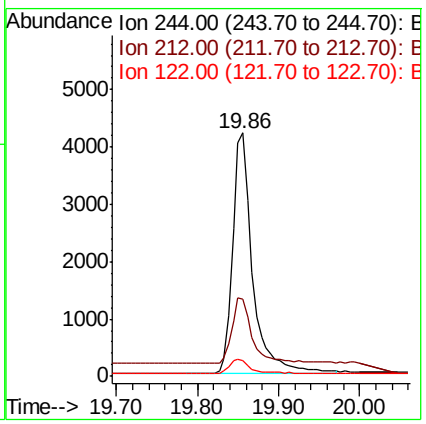


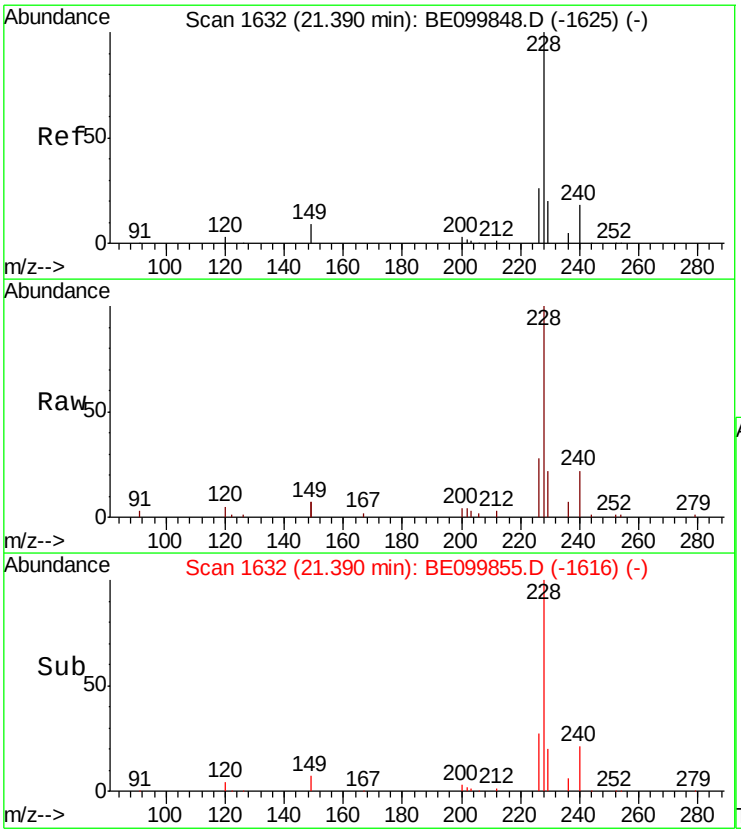
#29
Terphenyl-d14
Concen: 0.407 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 7140

Ion	Ratio	Lower	Upper
244	100		
212	31.5	23.7	35.5
122	6.4	4.8	7.2

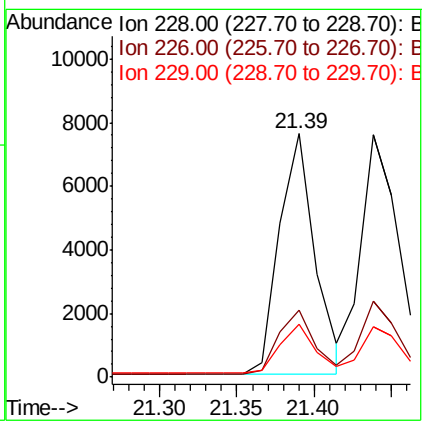


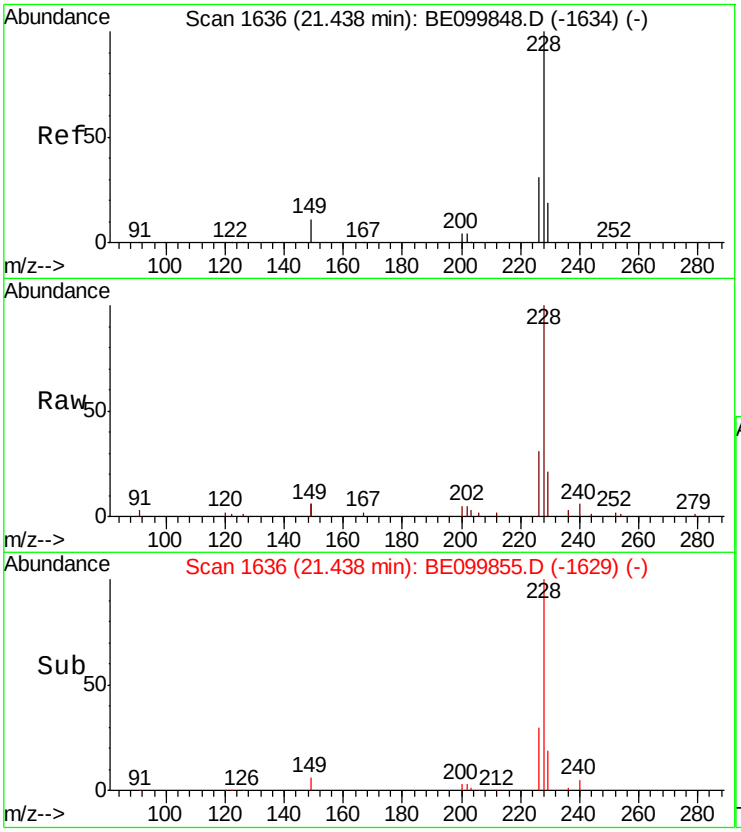


#30
Benzo(a)anthracene
Concen: 0.410 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:228 Resp: 12238

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.6	32.4
229	21.7	15.8	23.6



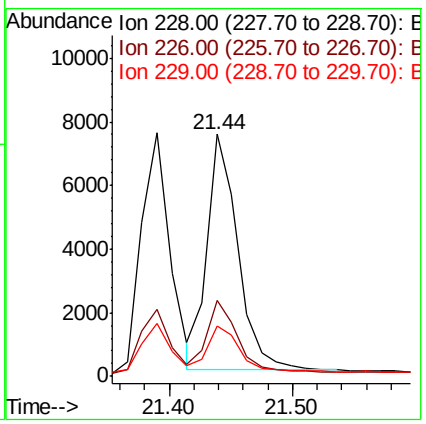


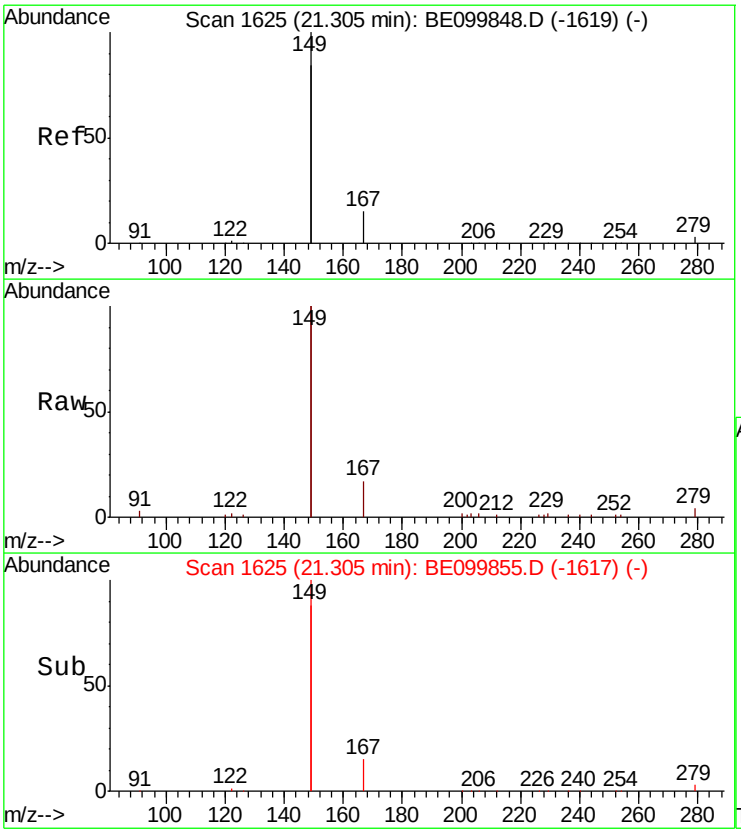
#31
Chrysene
Concen: 0.441 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 12943

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.9	34.3
229	20.8	16.4	24.6

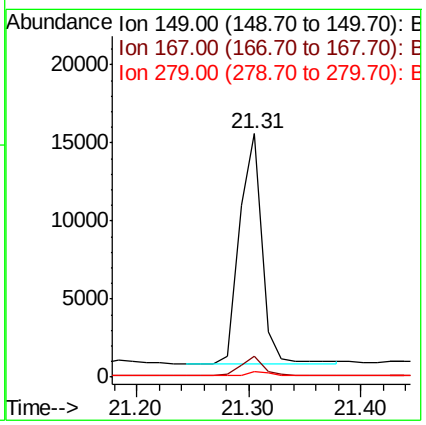


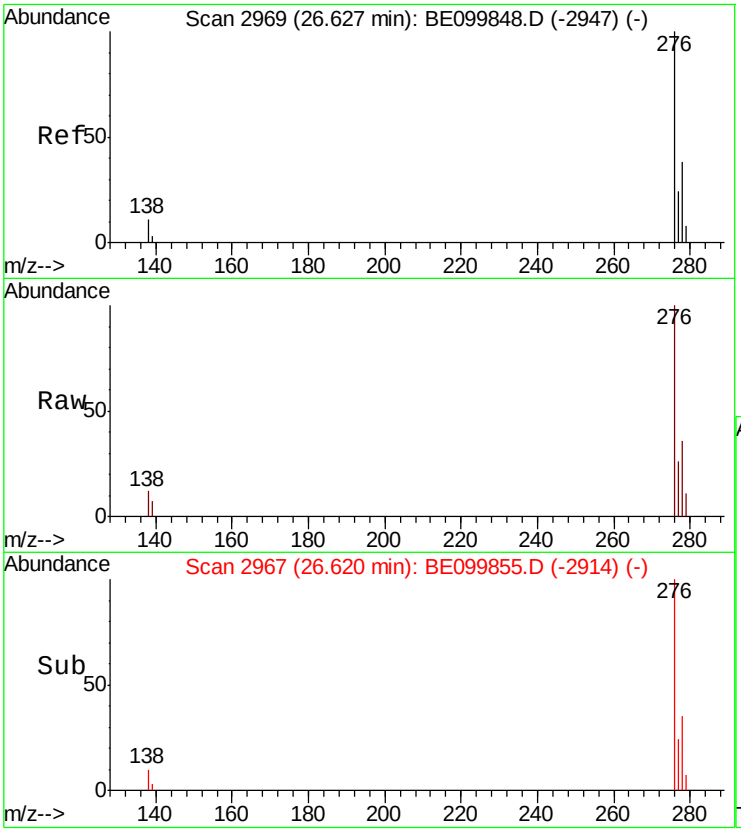


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.426 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:149 Resp: 20767

Ion	Ratio	Lower	Upper
149	100		
167	7.7	6.0	9.0
279	1.4	1.2	1.8



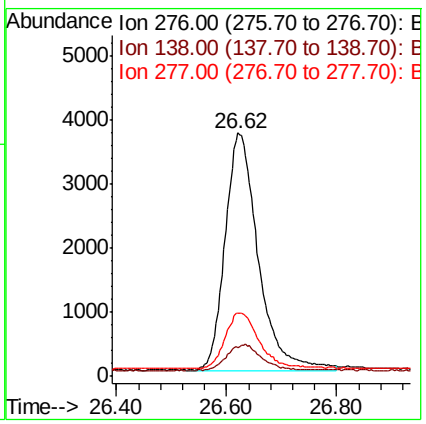


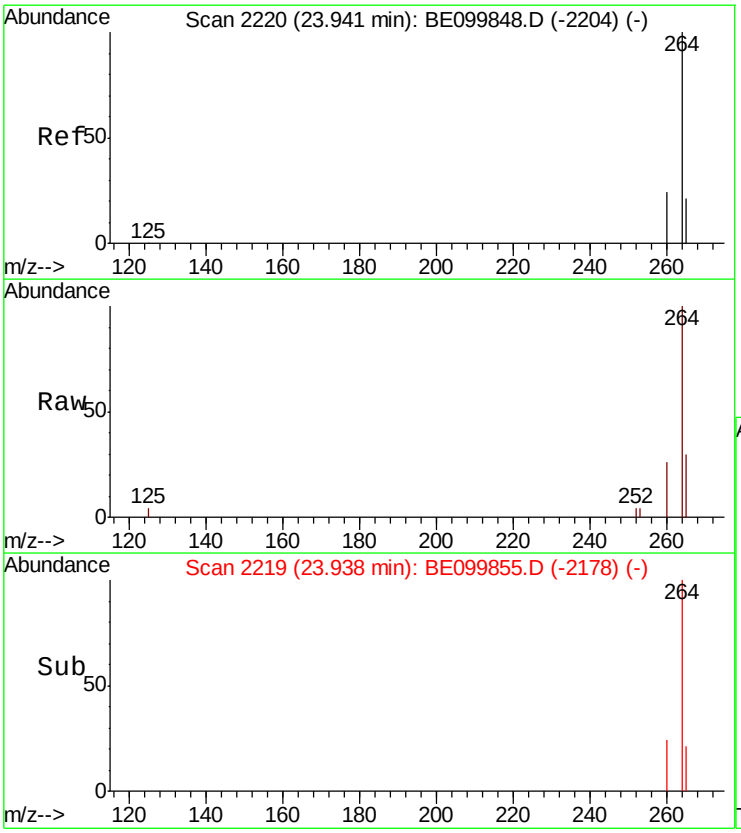
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng
RT: 26.62 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 15441

Ion	Ratio	Lower	Upper
276	100		
138	11.2	10.3	15.5
277	23.8	19.4	29.2

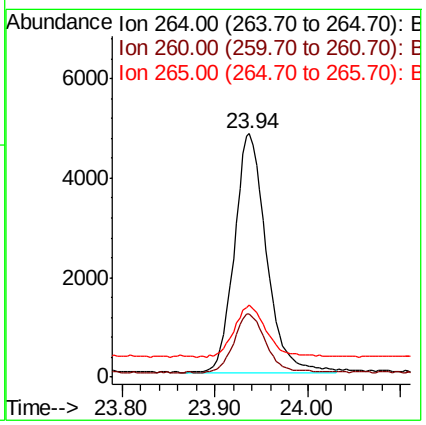


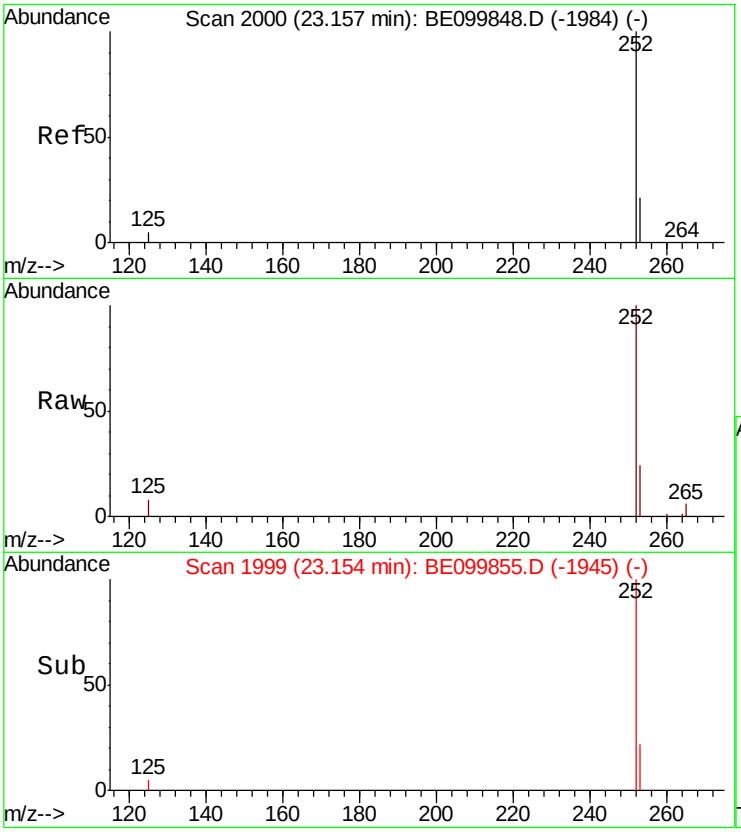


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:264 Resp: 11423

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.0	30.0
265	29.7	20.7	31.1



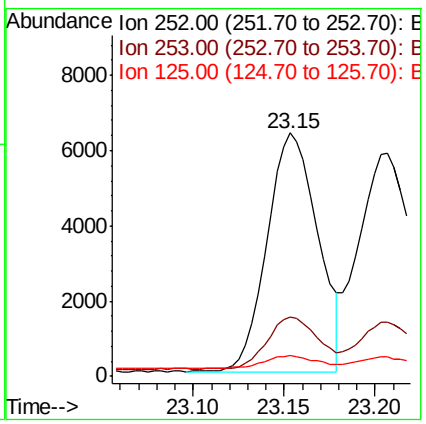


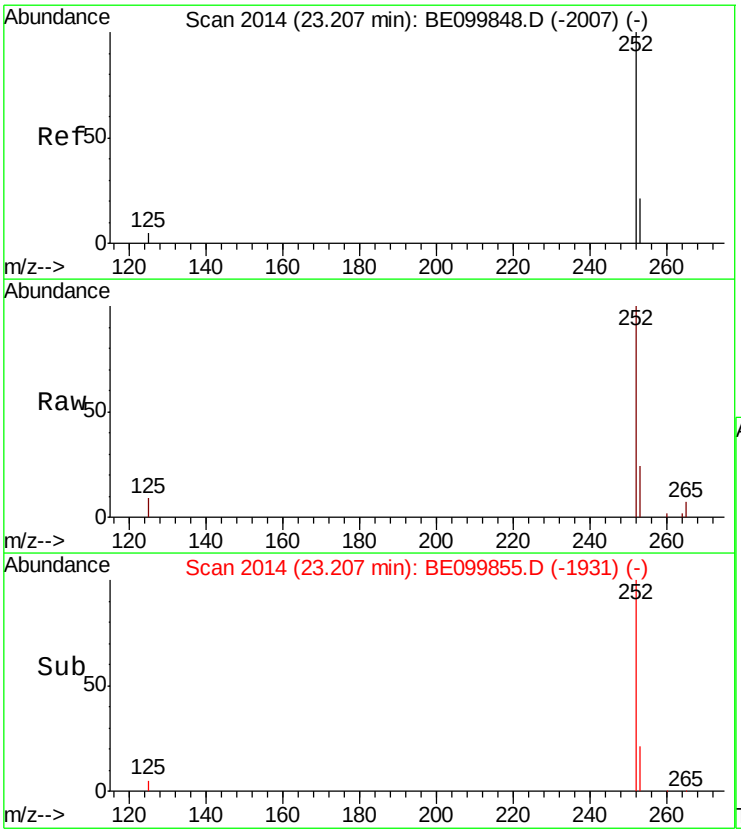
#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 23.15 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12210

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	8.3	7.6	11.4

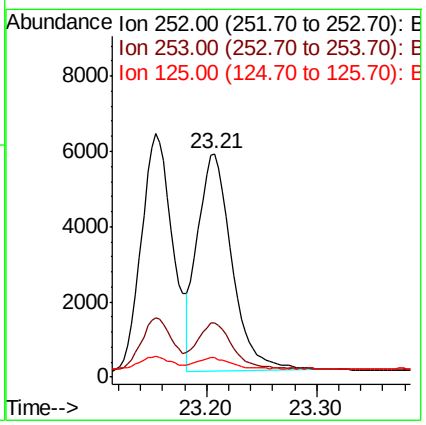


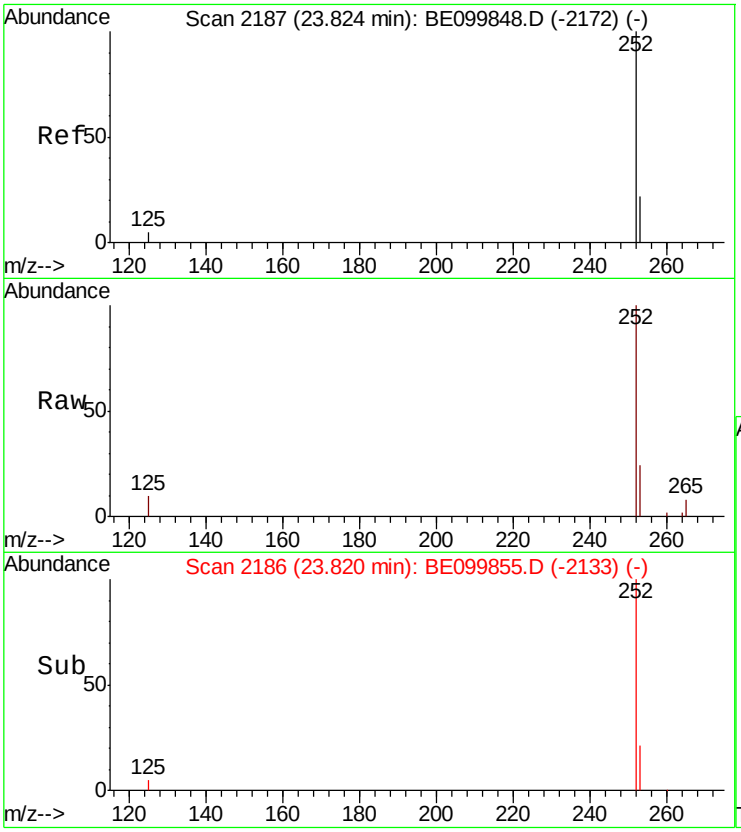


#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.21 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:252 Resp: 12549

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	8.7	4.6	7.0#



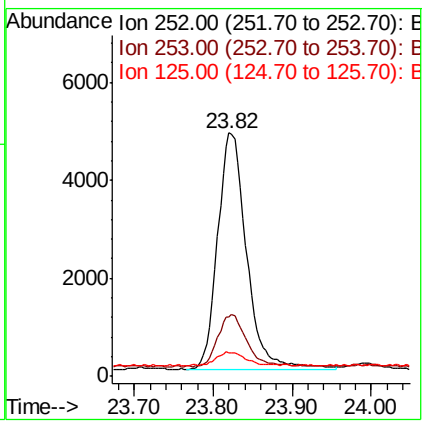


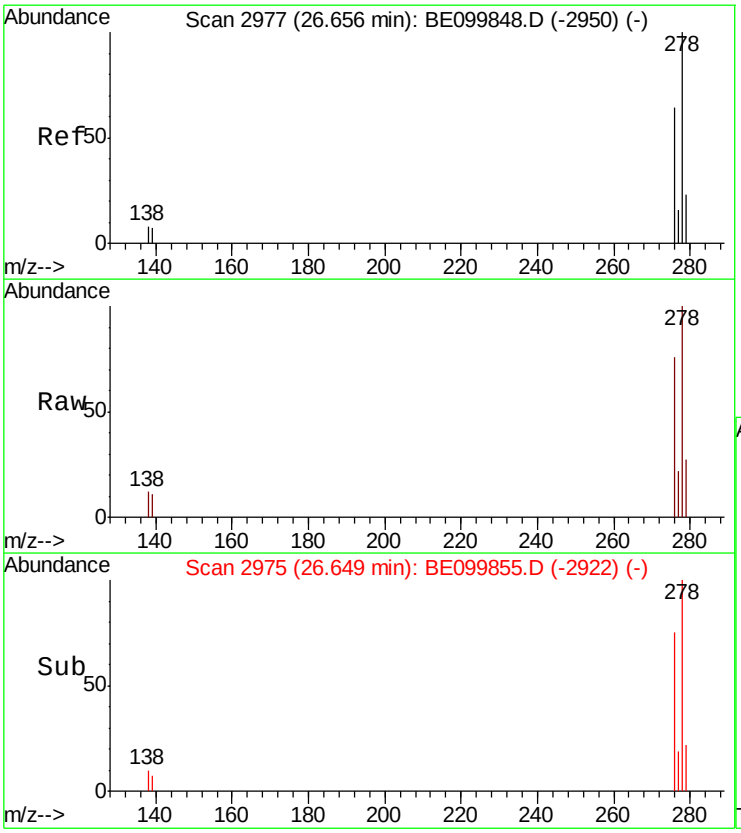
#37
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.82 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12296

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.3	28.9
125	9.8	10.2	15.4#

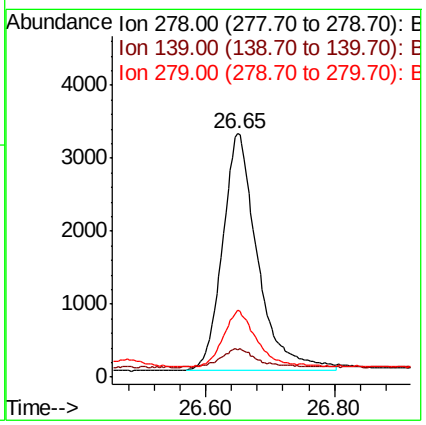


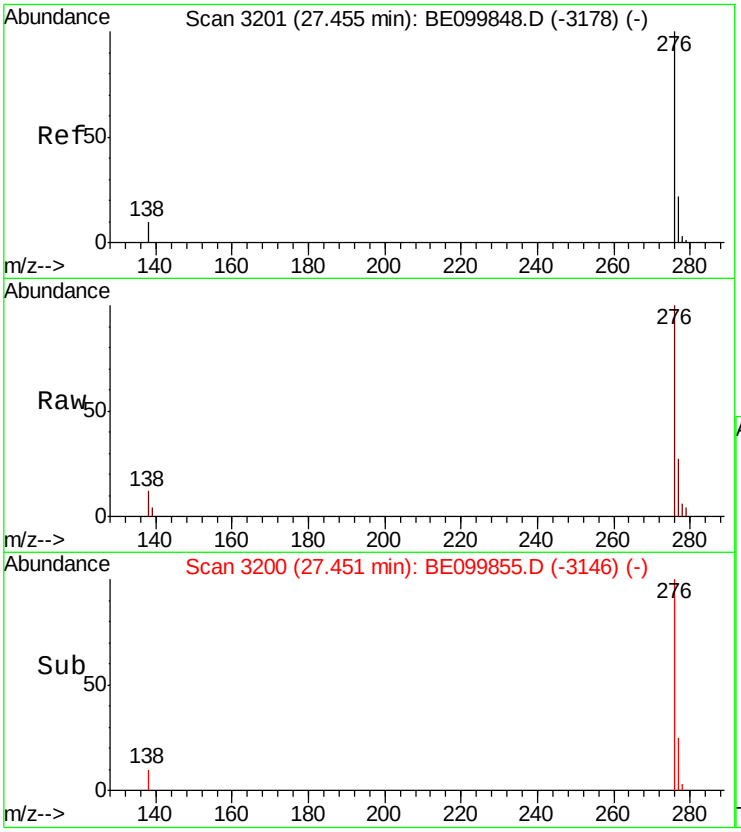


#38
Dibenzo(a,h)anthracene
Concen: 0.390 ng
RT: 26.65 min Scan# 2975
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Tgt Ion:278 Resp: 12266

Ion	Ratio	Lower	Upper
278	100		
139	11.2	7.9	11.9
279	27.5	18.5	27.7





#39
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 27.45 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BE099855.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 12877

Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.6	29.4
138	12.4	9.0	13.4