Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
Data File : BE099276.D
Acq On : 2 Apr 2019 15:44
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: Apr 02 16:50:04 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	3433	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	13180	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	9249	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	26422	0.40	ng		0.00
27) Chrysene-d12	21.37	240	39276	0.40	ng		0.00
34) Perylene-d12	23.86	264	37013	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	47074	4.59	ng		0.00
5) Phenol-d6	6.97	99	67263	4.29	ng		0.00
8) Nitrobenzene-d5	8.96	82	54025	5.02	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	119640	4.71	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	26851	8.22	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	185511	4.92	ng		0.00
25) Fluoranthene-d10	19.22	212	1825691	5.70	ng		0.00
29) Terphenyl-d14	19.82	244	375549	4.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	23560	5.205	ng		93
3) n-Nitrosodimethylamine	3.63	42	15758	6.221	ng	#	89
6) bis(2-Chloroethyl)ether	7.24	93	58391	4.741	ng		98
9) Naphthalene	10.65	128	726437	4.673	ng		100
10) Hexachlorobutadiene	10.94	225	47171	5.695	ng		100
12) 2-Methylnaphthalene	12.28	142	126913	4.567	ng		98
16) Acenaphthylene	14.18	152	241960	5.131	ng		98
17) Acenaphthene	14.53	154	136137	4.828	ng		98
18) Fluorene	15.49	166	193754	4.885	ng		98
20) 4-Bromophenyl-phenylether	16.38	248	80998	4.751	ng		98
21) Hexachlorobenzene	16.49	284	76277	4.631	ng		100
22) Pentachlorophenol	16.84	266	38010	17.508	ng		96
23) Phenanthrene	17.23	178	355302	4.579	ng		100
24) Anthracene	17.32	178	352168	5.023	ng		99
26) Fluoranthene	19.25	202	531582	5.369	ng		100
28) Pyrene	19.61	202	544423	4.172	ng		99
30) Benzo(a)anthracene	21.34	228	638514	4.927	ng		99
31) Chrysene	21.40	228	610266	4.406	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	822133	5.318	ng		100
33) Indeno(1,2,3-cd)pyrene	26.50	276	667213	5.090	ng		99
35) Benzo(b)fluoranthene	23.09	252	578731	4.751	ng	#	96
36) Benzo(k)fluoranthene	23.14	252	574248	4.460	ng		99
37) Benzo(a)pyrene	23.74	252	537656	4.727	ng	#	95
38) Dibenzo(a,h)anthracene	26.53	278	551187	5.455	ng	#	97
39) Benzo(g,h,i)perylene	27.32	276	544432	5.372	ng		99

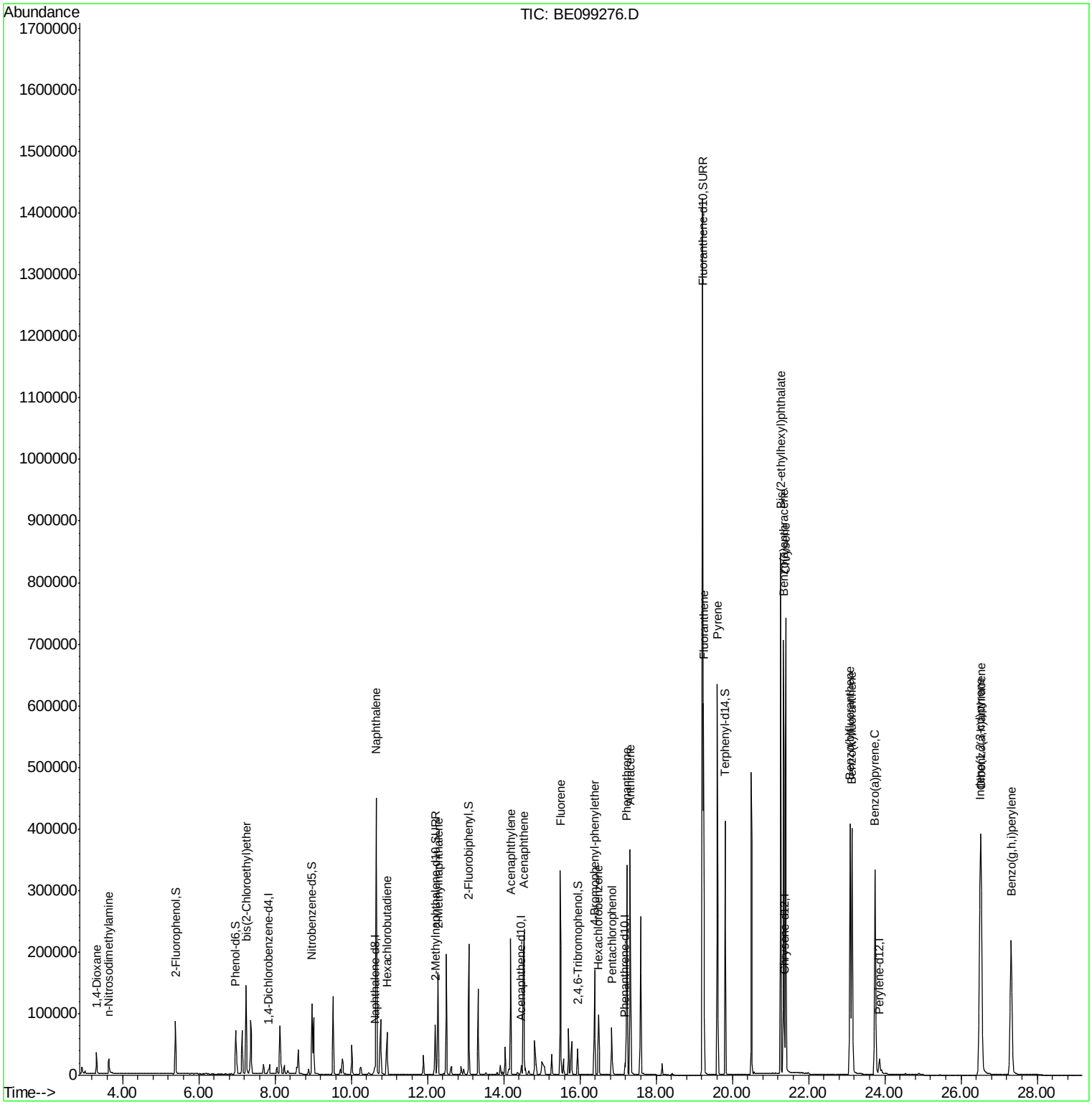
(#) = qualifier out of range (m) = manual integration (+) = signals summed

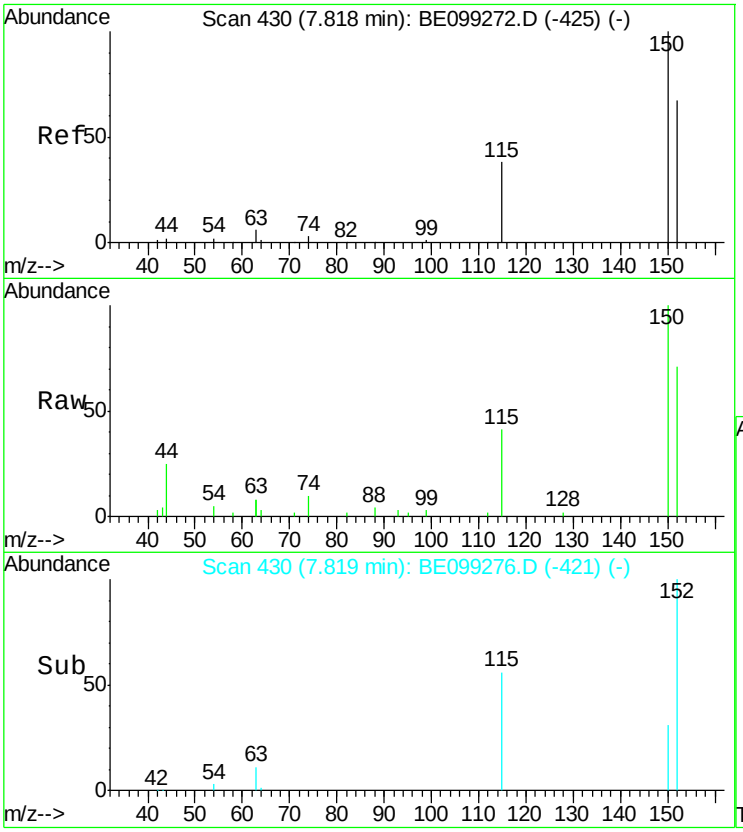
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
Data File : BE099276.D
Acq On : 2 Apr 2019 15:44
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Quant Time: Apr 02 16:50:04 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



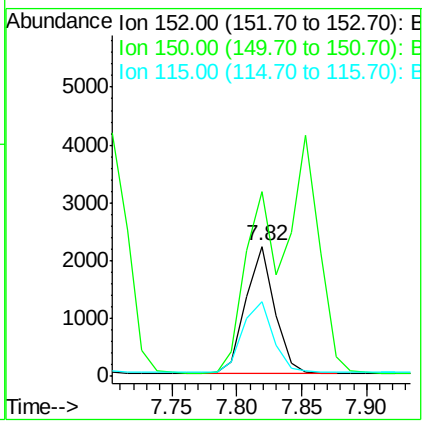


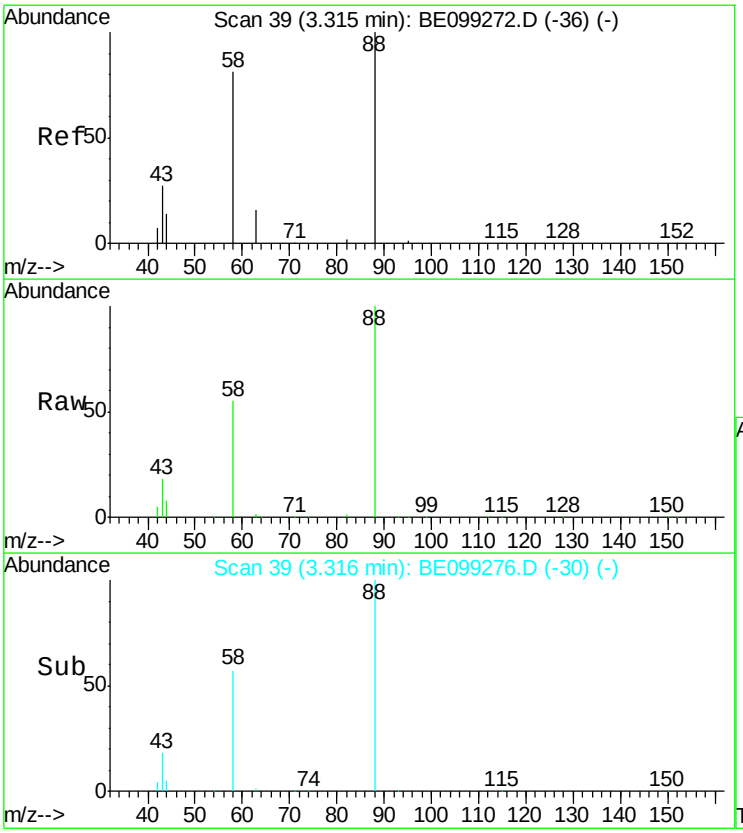
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 3433

Ion	Ratio	Lower	Upper
152	100		
150	141.8	118.6	178.0
115	57.5	47.6	71.4

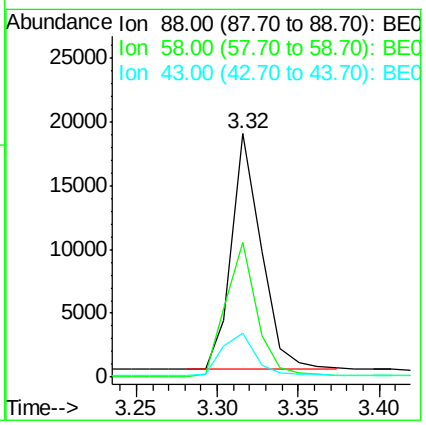


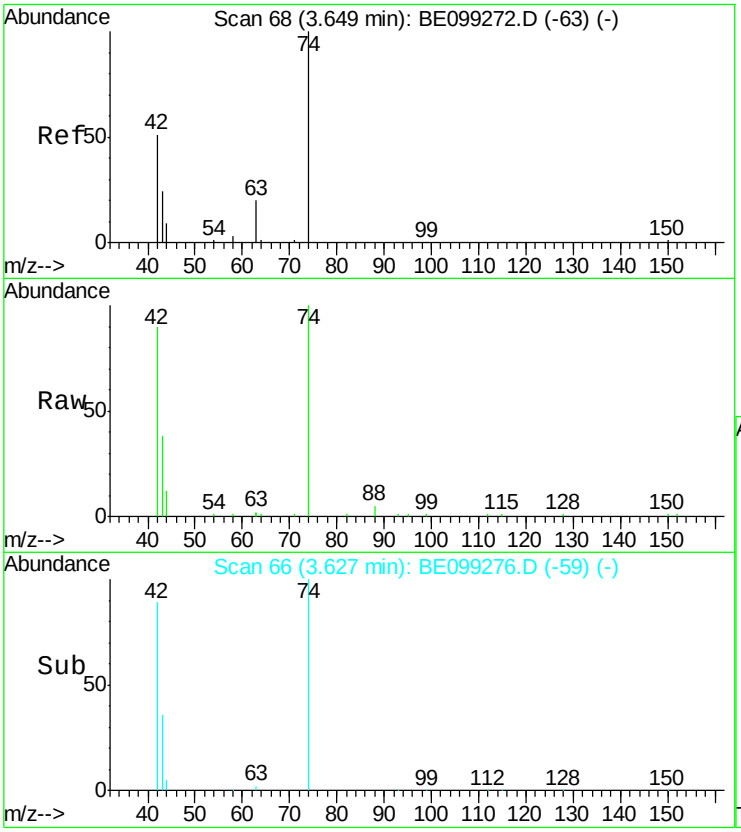


#2
1,4-Dioxane
Concen: 5.205 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion: 88 Resp: 23560

Ion	Ratio	Lower	Upper
88	100		
58	59.6	43.0	64.4
43	19.8	14.8	22.2



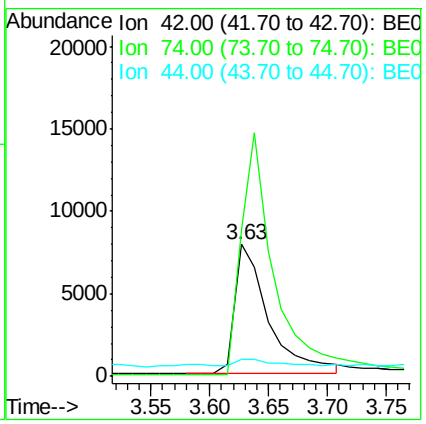


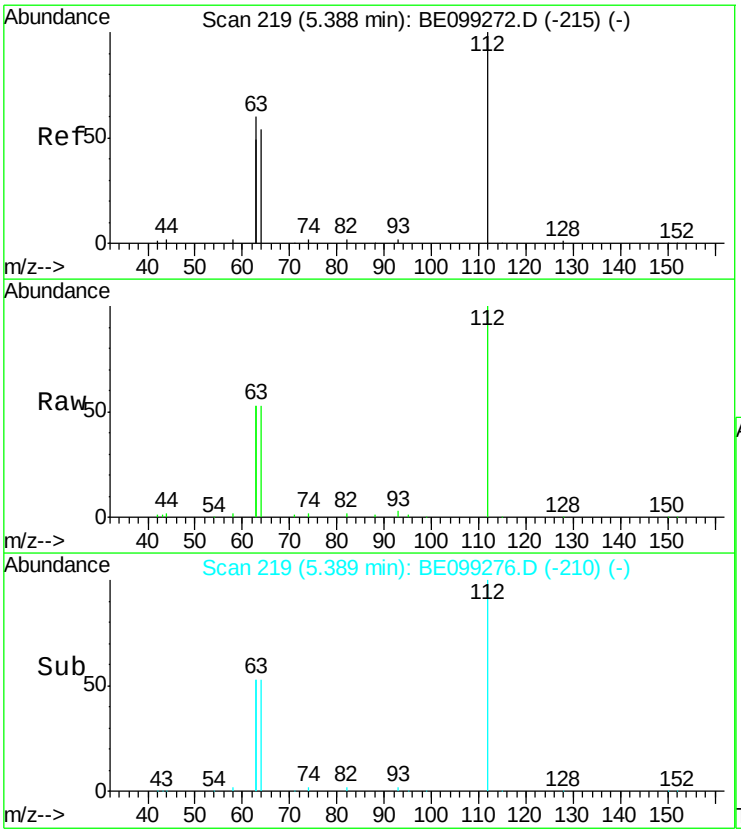
#3
n-Nitrosodimethylamine
Concen: 6.221 ng
RT: 3.63 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 15758

Ion	Ratio	Lower	Upper
42	100		
74	182.0	133.8	200.8
44	5.6	0.0	0.0#

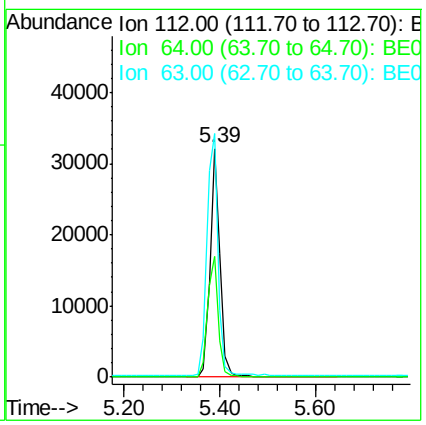


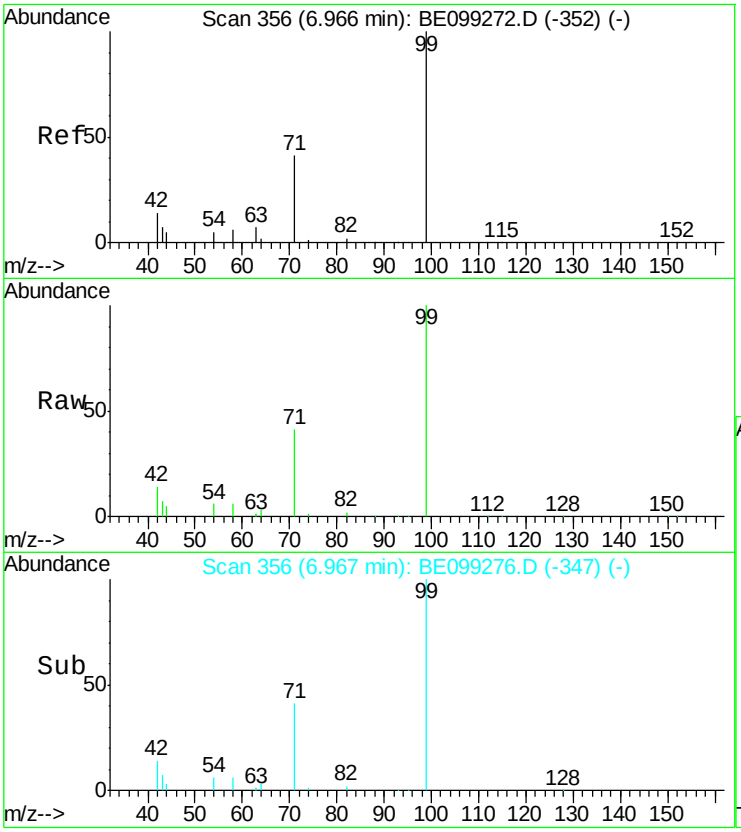


#4
2-Fluorophenol
Concen: 4.593 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:112 Resp: 47074

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.1	67.7
63	118.0	94.4	141.6



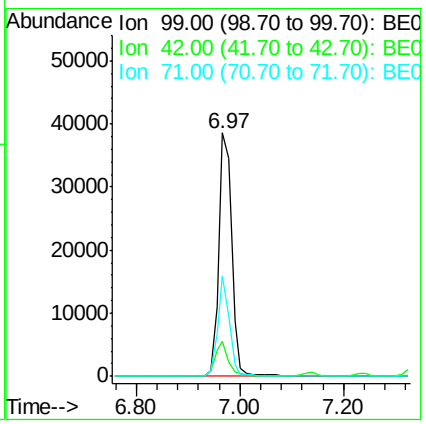


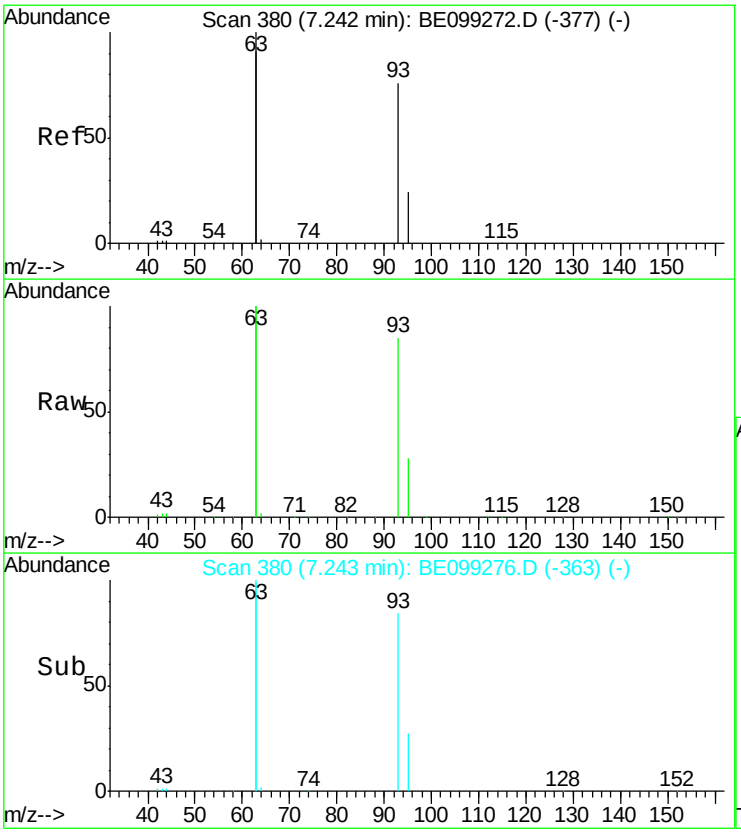
#5
Phenol-d6
Concen: 4.295 ng
RT: 6.97 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 67263

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.2	18.4
71	36.6	30.1	45.1

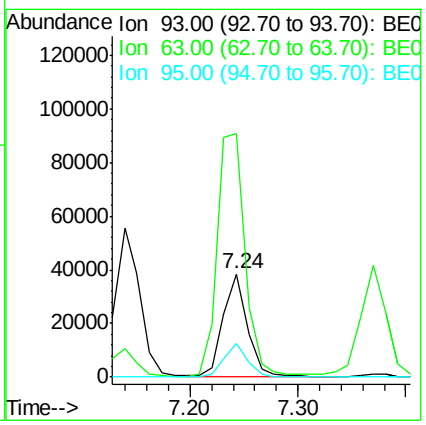


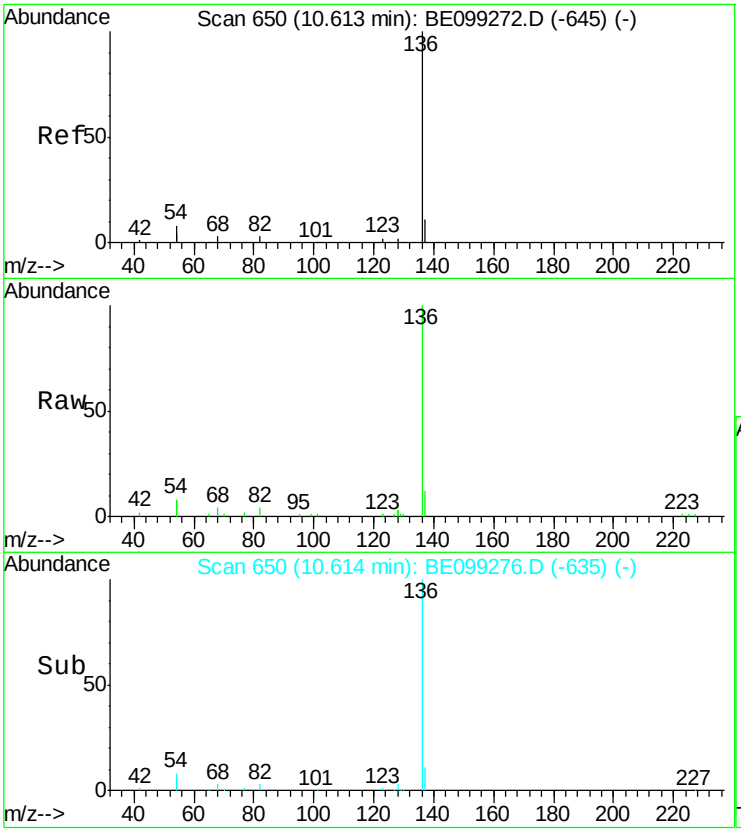


#6
bis(2-Chloroethyl)ether
Concen: 4.741 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion: 93 Resp: 58391

Ion	Ratio	Lower	Upper
93	100		
63	276.7	219.4	329.2
95	32.2	28.2	42.2



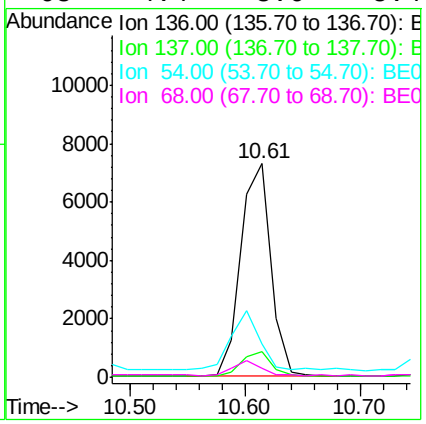


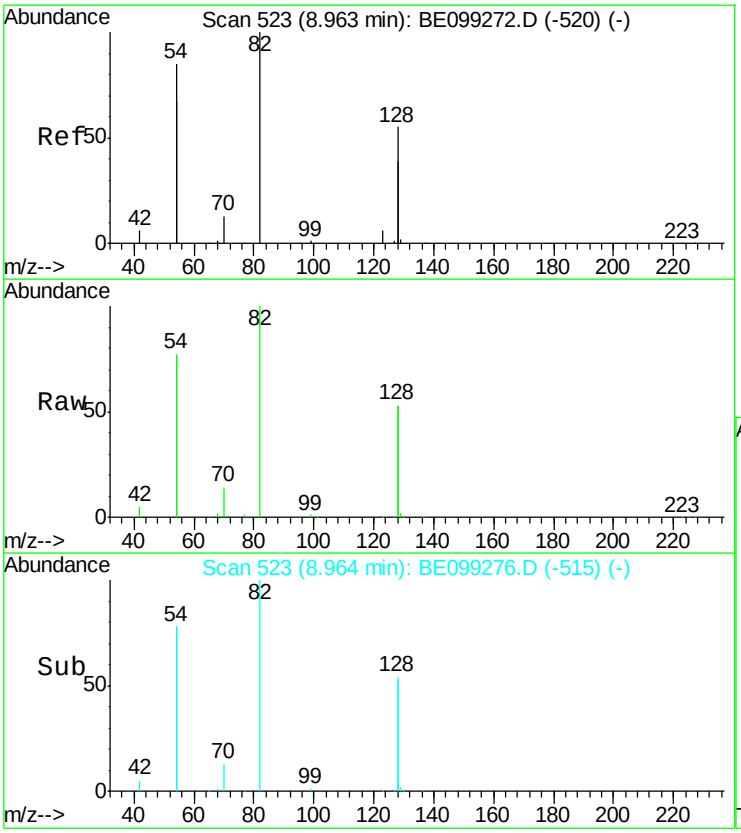
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 13180

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.4
54	15.6	12.9	19.3
68	4.4	3.6	5.4

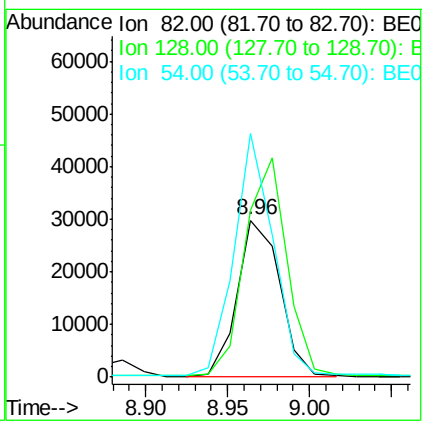


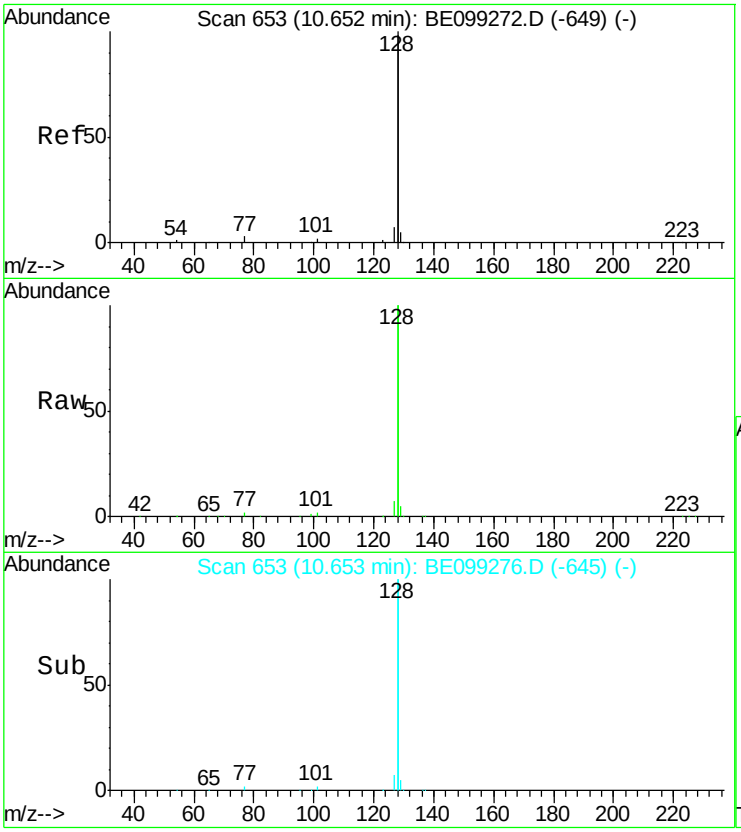


#8
Nitrobenzene-d5
Concen: 5.019 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion: 82 Resp: 54025

Ion	Ratio	Lower	Upper
82	100		
128	105.9	83.2	124.8
54	154.9	129.3	193.9



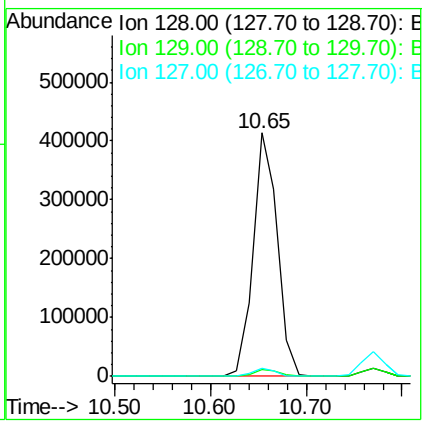


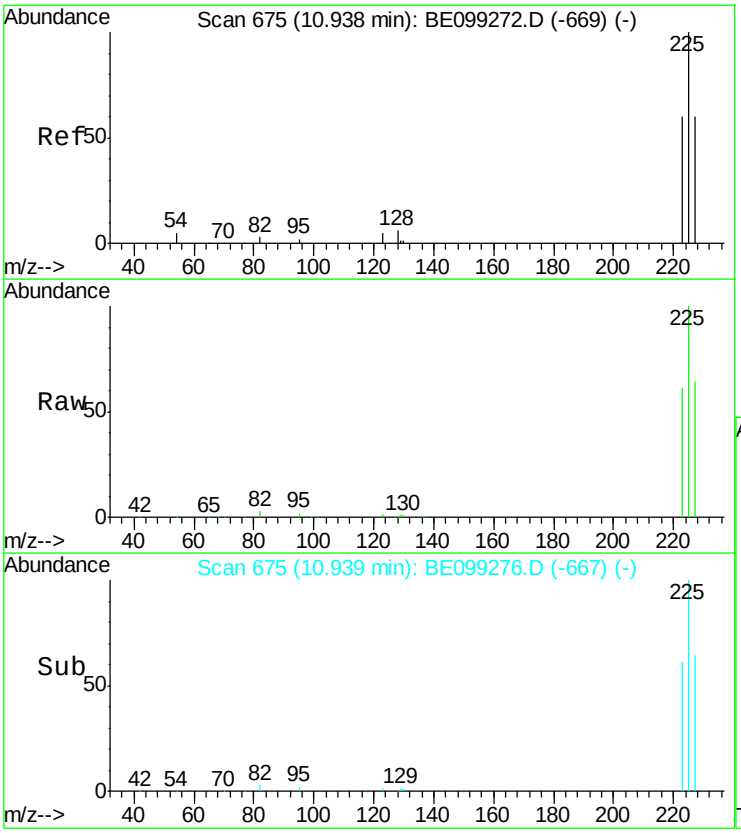
#9
Naphthalene
Concen: 4.673 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 726437

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.4
127	3.3	2.7	4.1

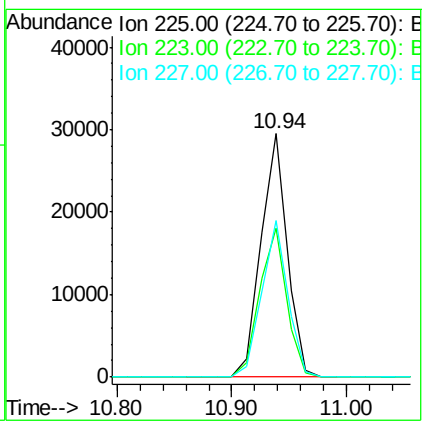


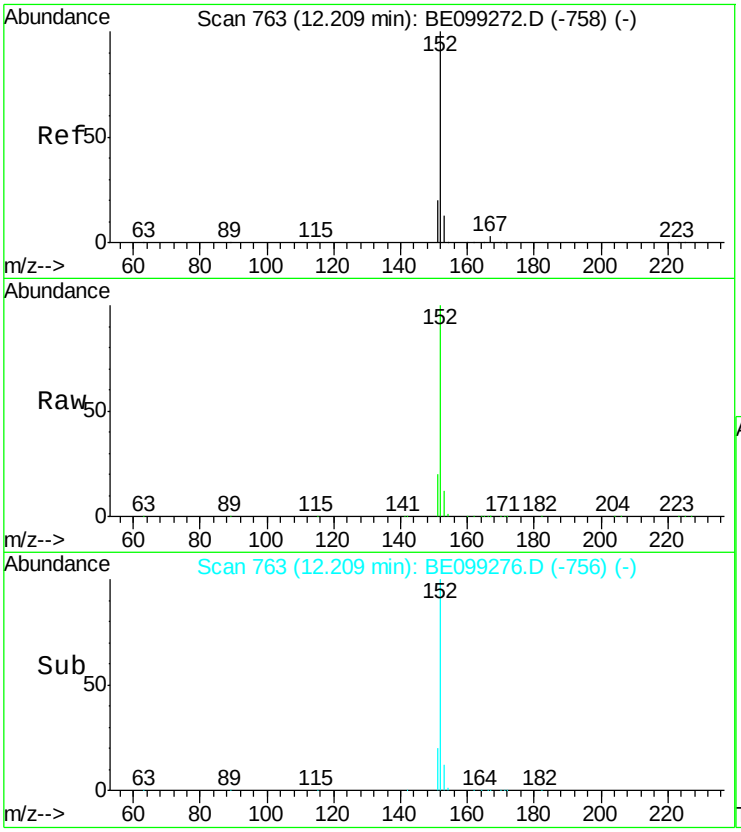


#10
Hexachlorobutadiene
Concen: 5.695 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:225 Resp: 47171

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	63.5	50.6	75.8



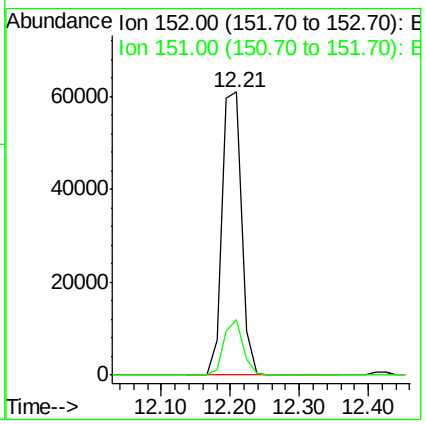


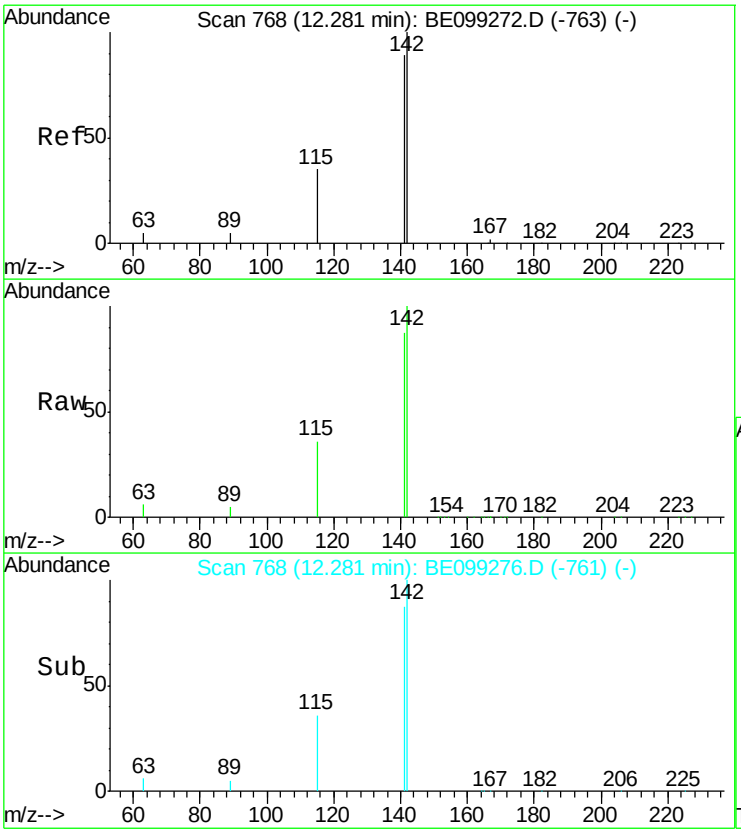
#11
2-Methylnaphthalene-d10
Concen: 4.711 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 119640

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

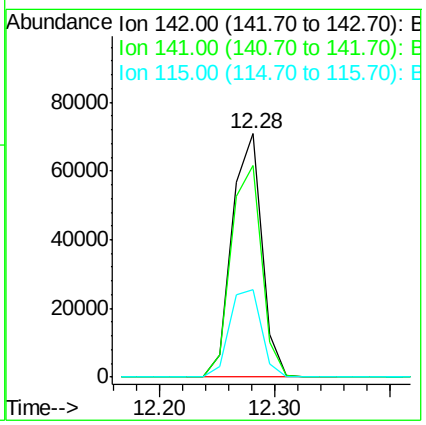


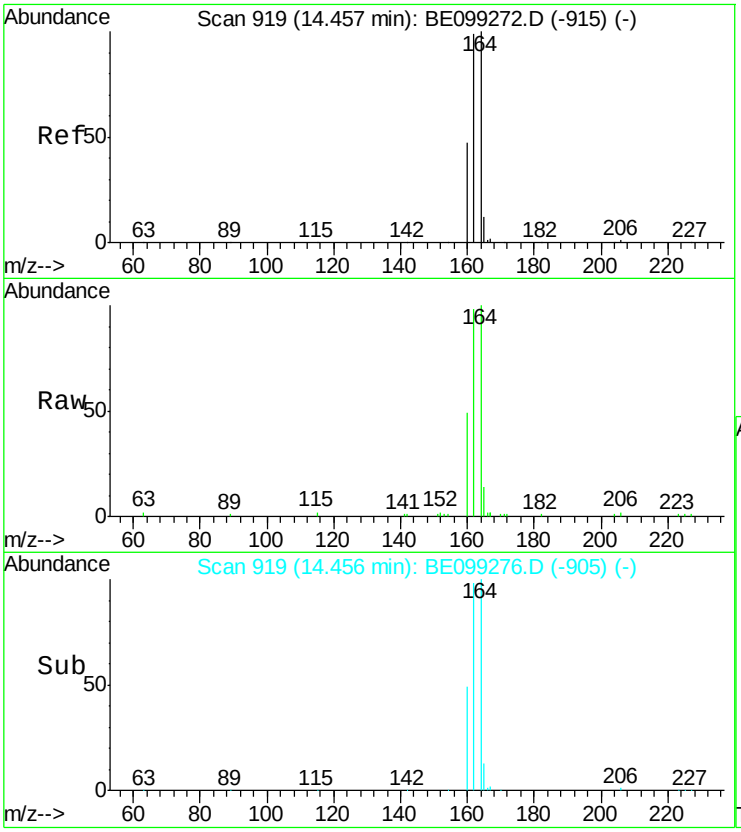


#12
2-Methylnaphthalene
Concen: 4.567 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:142 Resp: 126913

Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.1	106.7
115	35.8	29.0	43.6



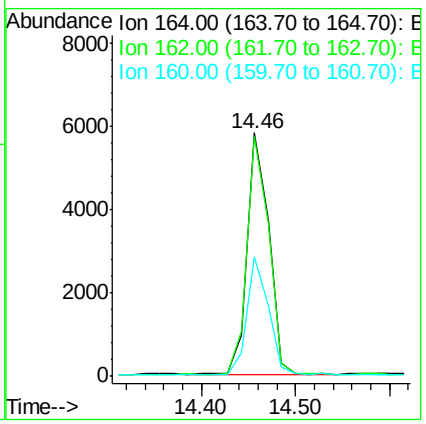


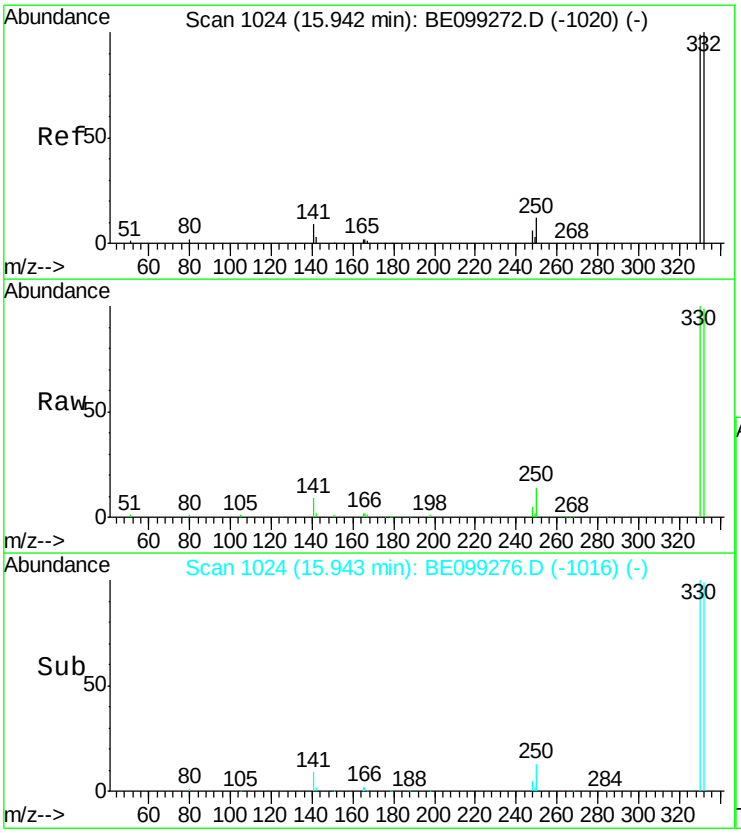
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 9249

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.8	118.2
160	49.0	37.6	56.4

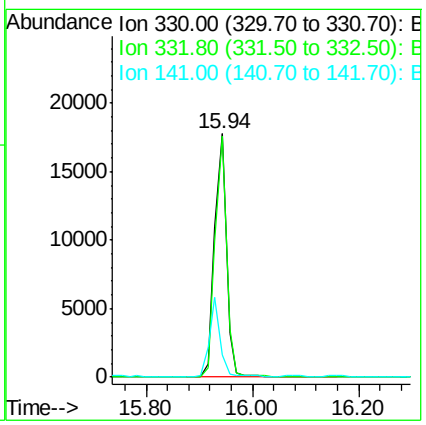


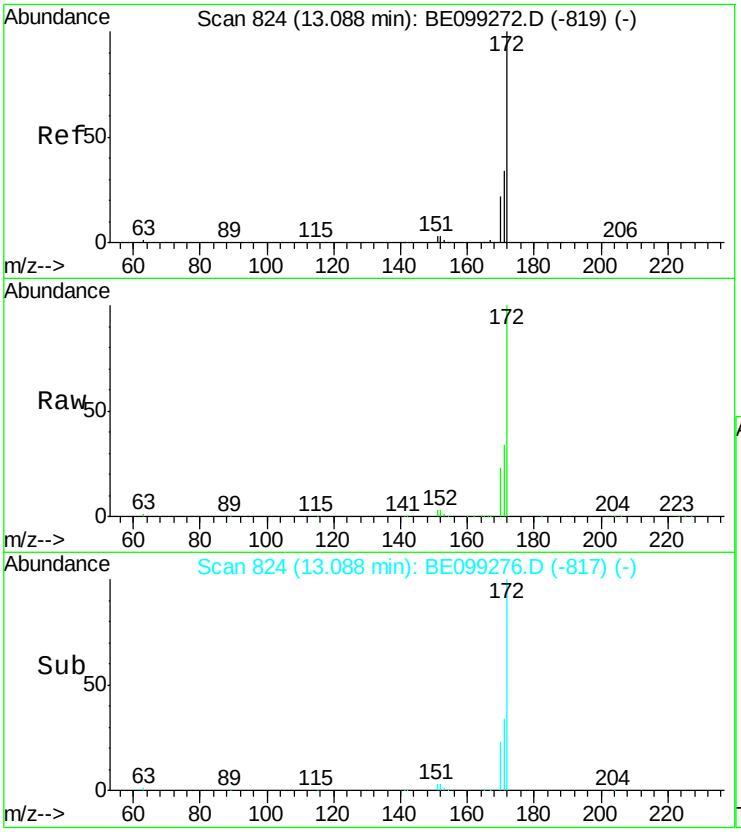


#14
2,4,6-Tribromophenol
Concen: 8.219 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:330 Resp: 26851

Ion	Ratio	Lower	Upper
330	100		
332	96.6	82.6	123.8
141	29.5	27.6	41.4



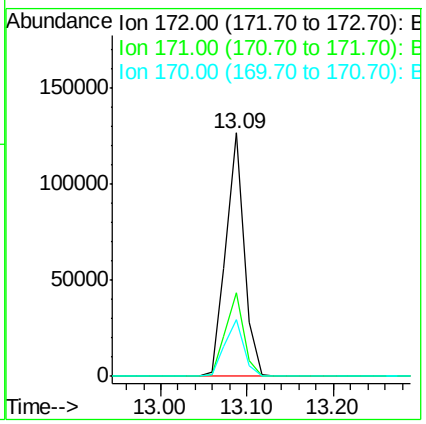


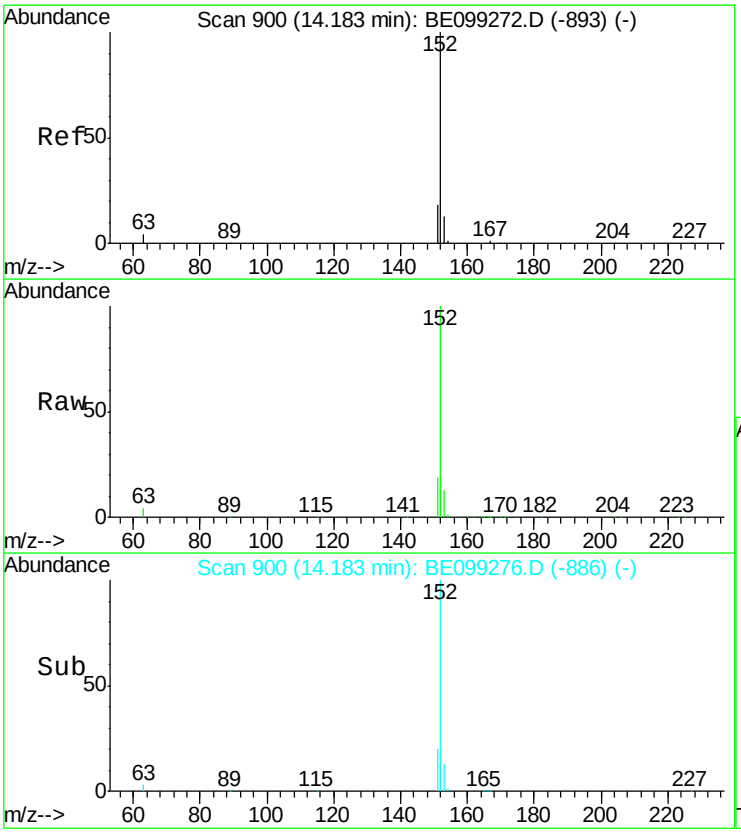
#15
2-Fluorobiphenyl
Concen: 4.920 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 185511

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.5	41.3
170	23.2	18.2	27.2

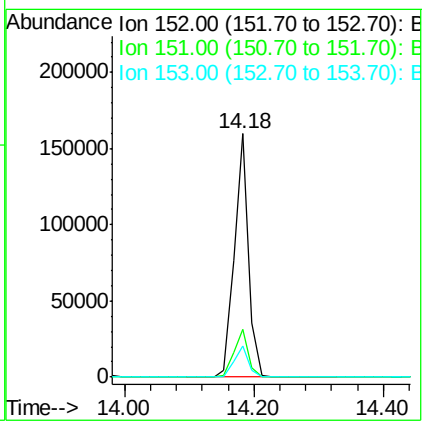


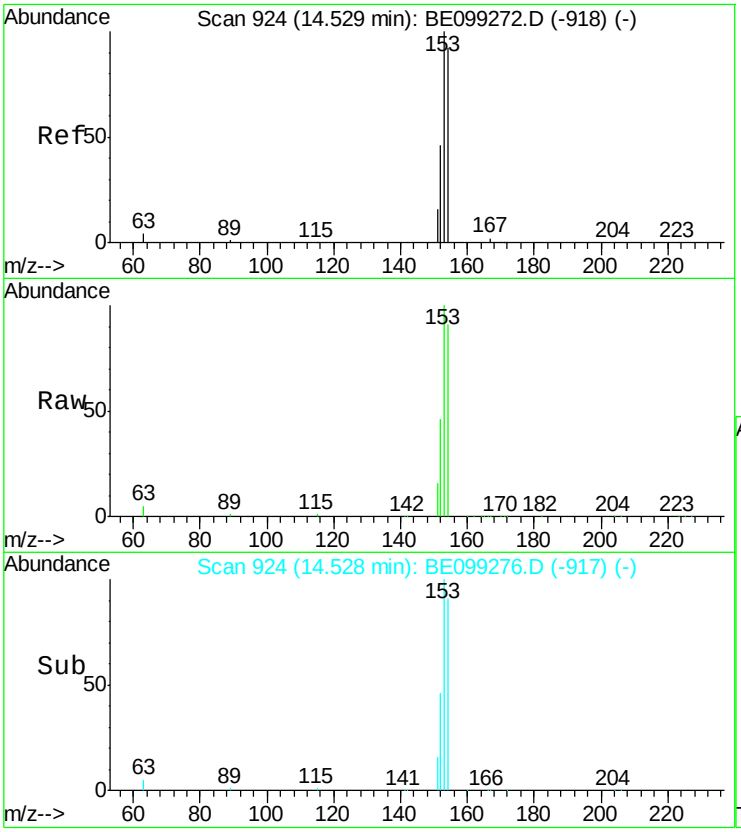


#16
Acenaphthylene
Concen: 5.131 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:152 Resp: 241960

Ion	Ratio	Lower	Upper
152	100		
151	19.7	14.9	22.3
153	13.0	10.0	15.0



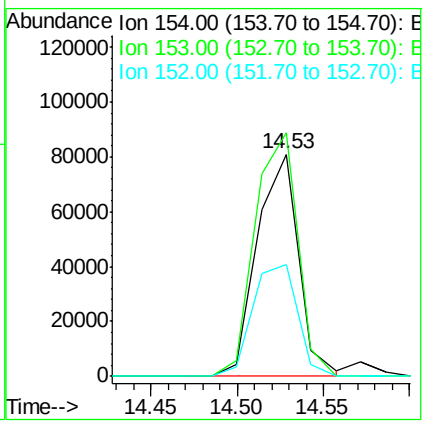


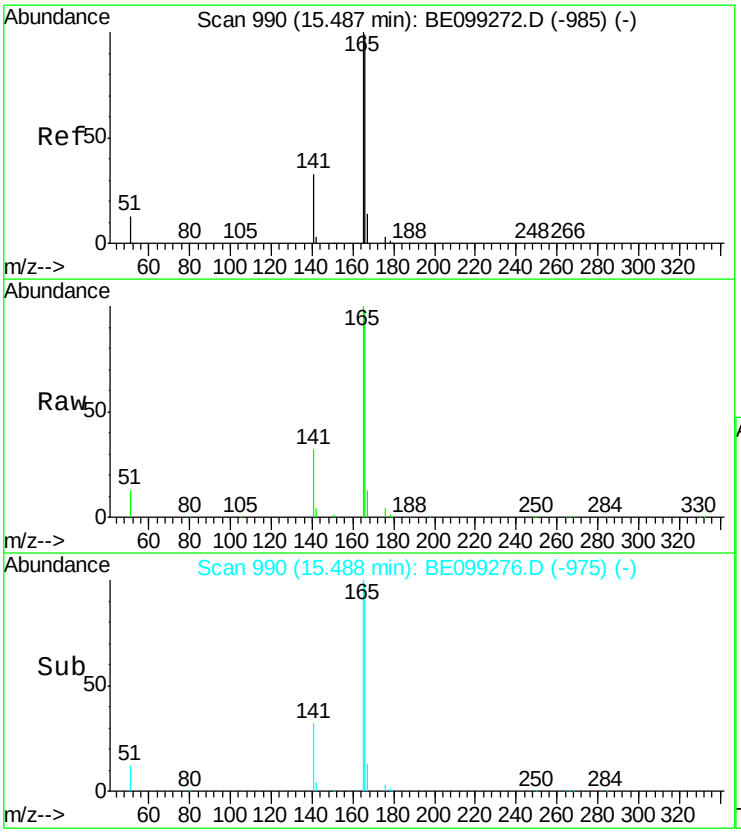
#17
Acenaphthene
Concen: 4.828 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 136137

Ion	Ratio	Lower	Upper
154	100		
153	113.1	92.8	139.2
152	54.6	44.3	66.5

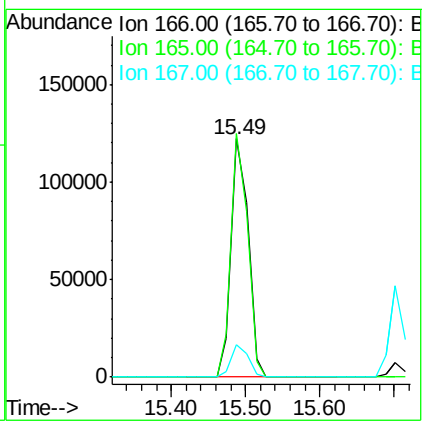


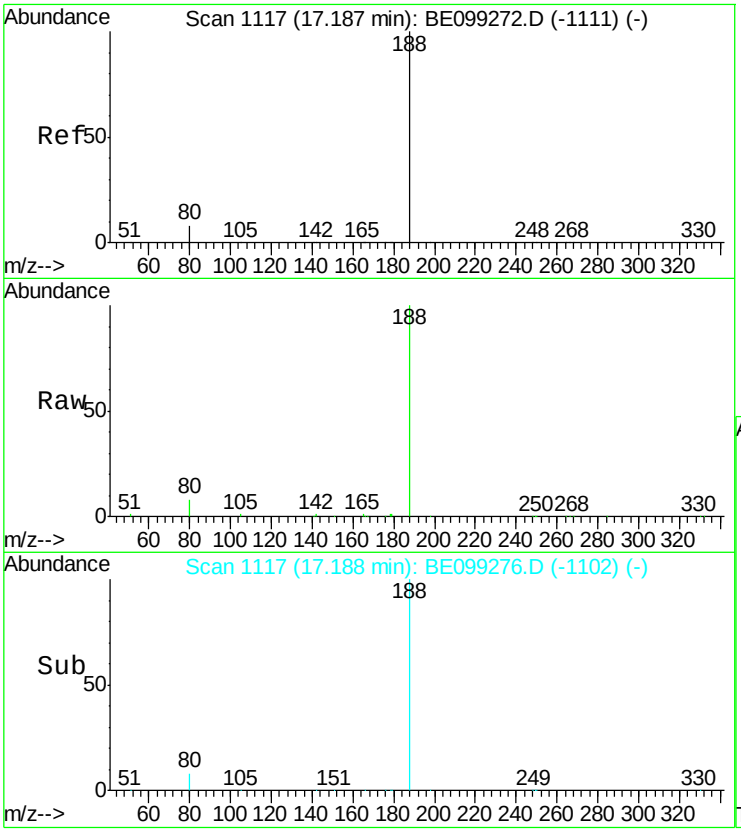


#18
Fluorene
Concen: 4.885 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:166 Resp: 193754

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.9	116.9
167	13.5	10.9	16.3



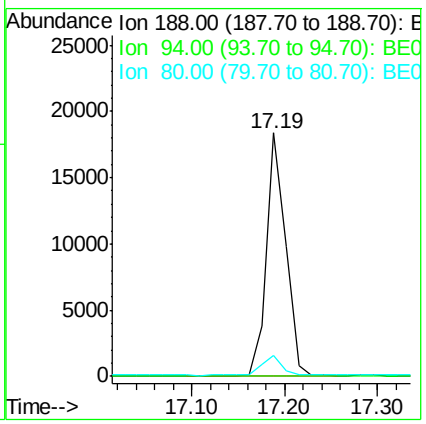


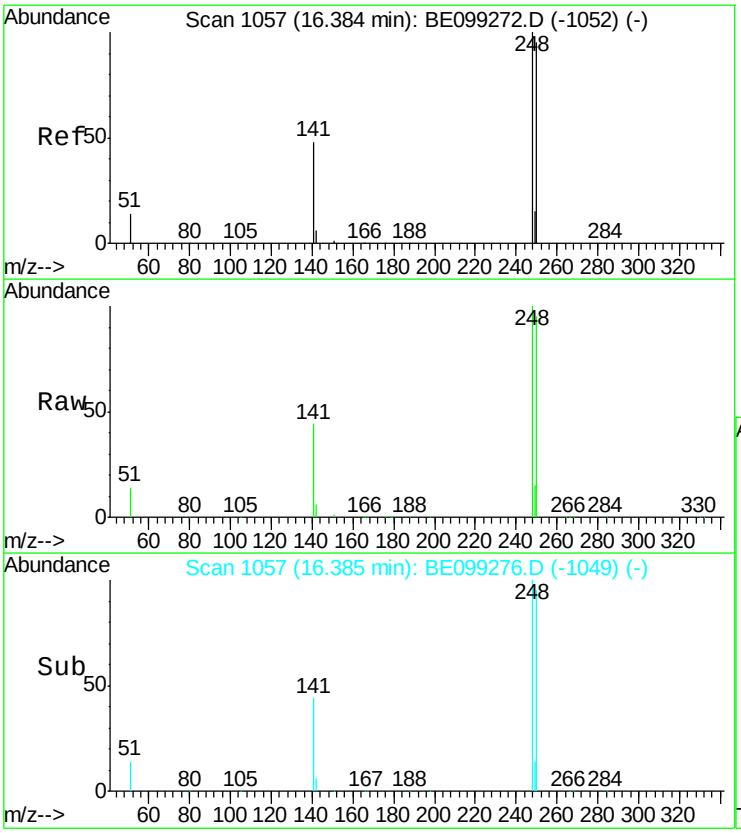
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 26422

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	6.6	10.0

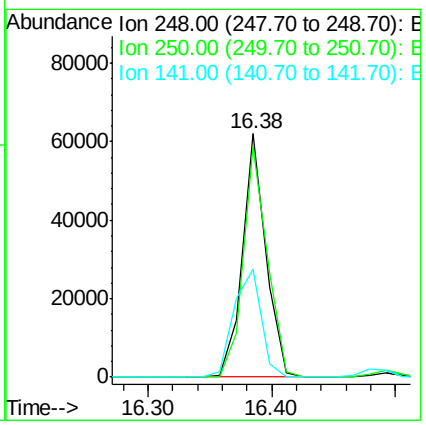


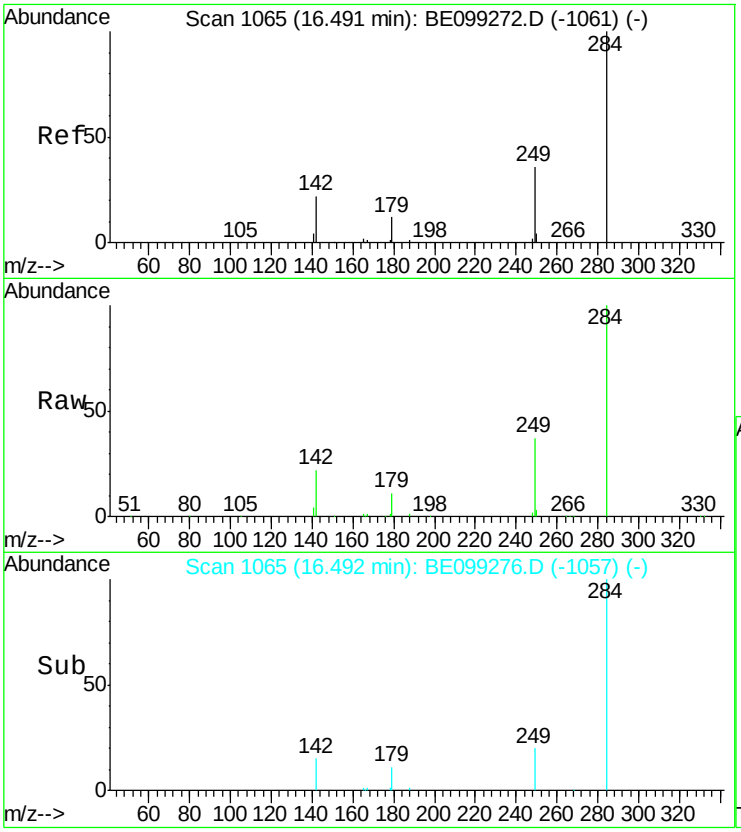


#20
4-Bromophenyl-phenylether
Concen: 4.751 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:248 Resp: 80998

Ion	Ratio	Lower	Upper
248	100		
250	94.9	75.9	113.9
141	44.3	39.0	58.6



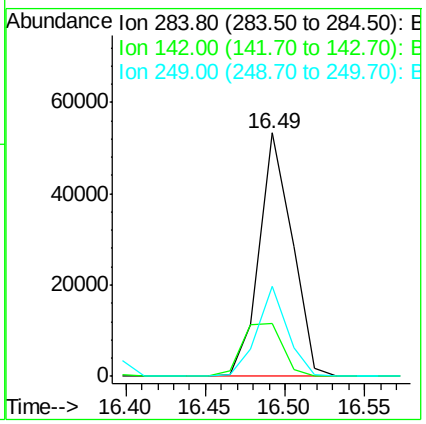


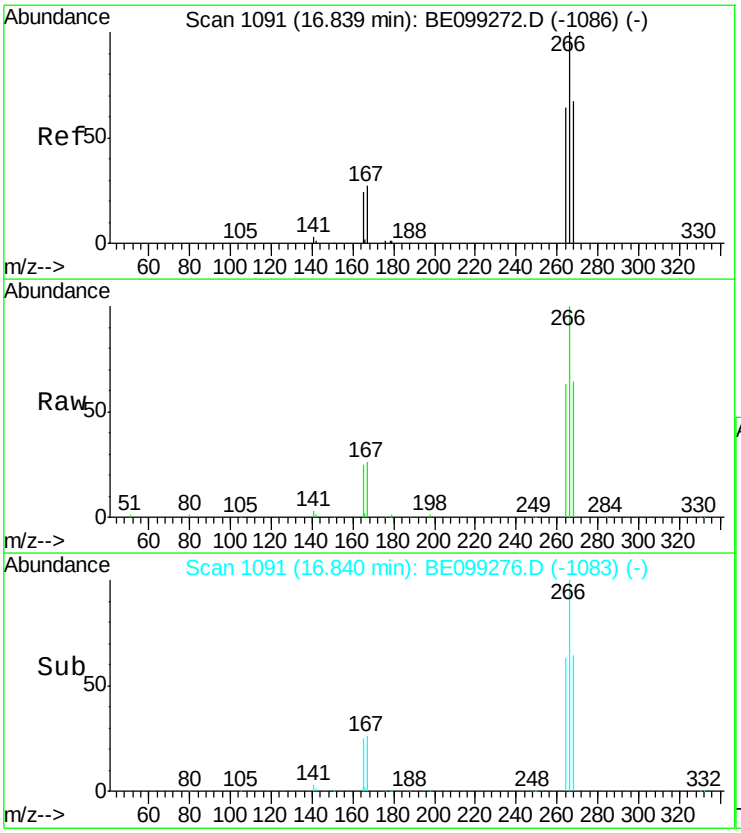
#21
Hexachlorobenzene
Concen: 4.631 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 76277

Ion	Ratio	Lower	Upper
284	100		
142	26.7	21.0	31.6
249	33.9	27.0	40.6

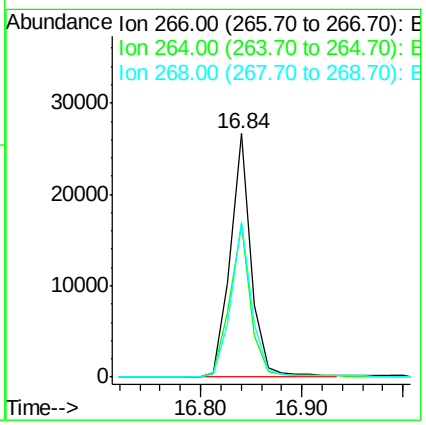


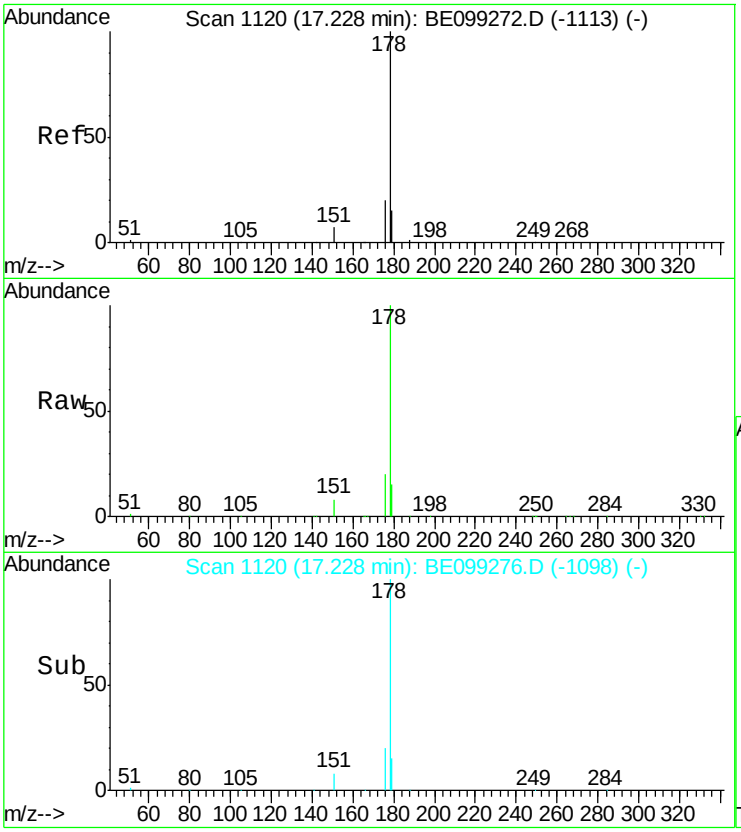


#22
Pentachlorophenol
Concen: 17.508 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:266 Resp: 38010

Ion	Ratio	Lower	Upper
266	100		
264	62.6	51.8	77.8
268	63.7	54.7	82.1



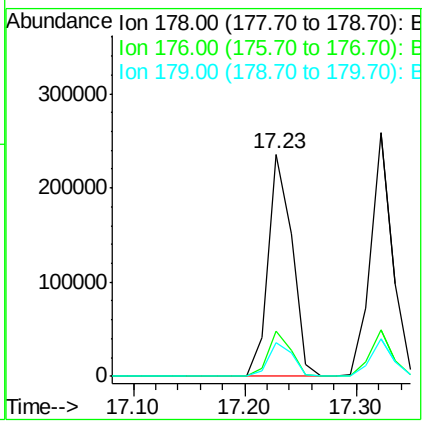


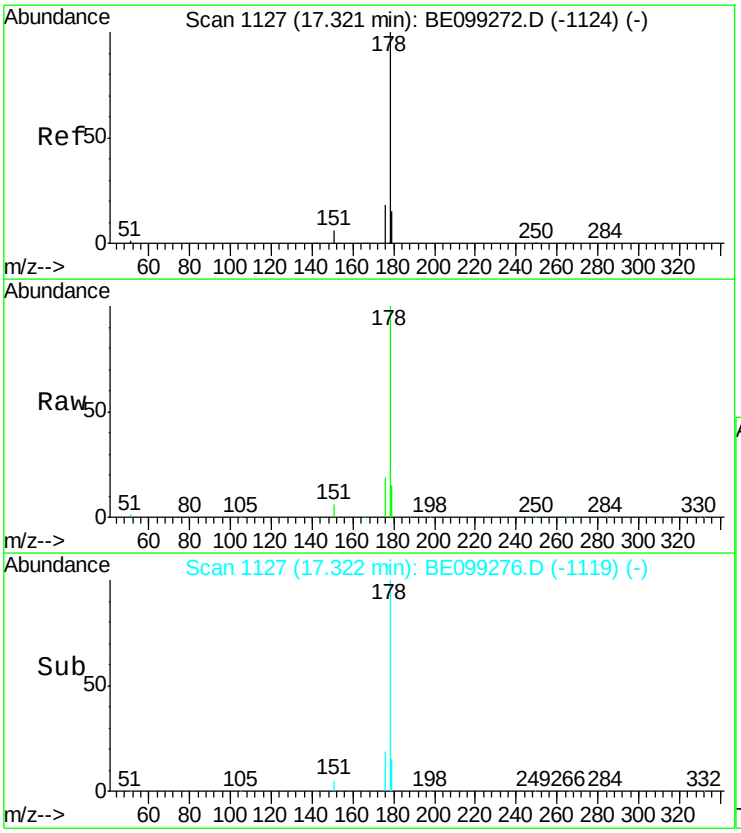
#23
Phenanthrene
Concen: 4.579 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 355302

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.4	12.3	18.5

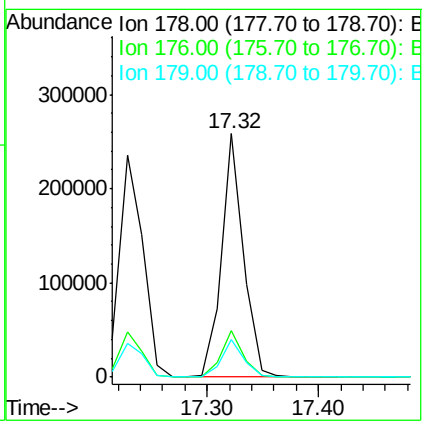


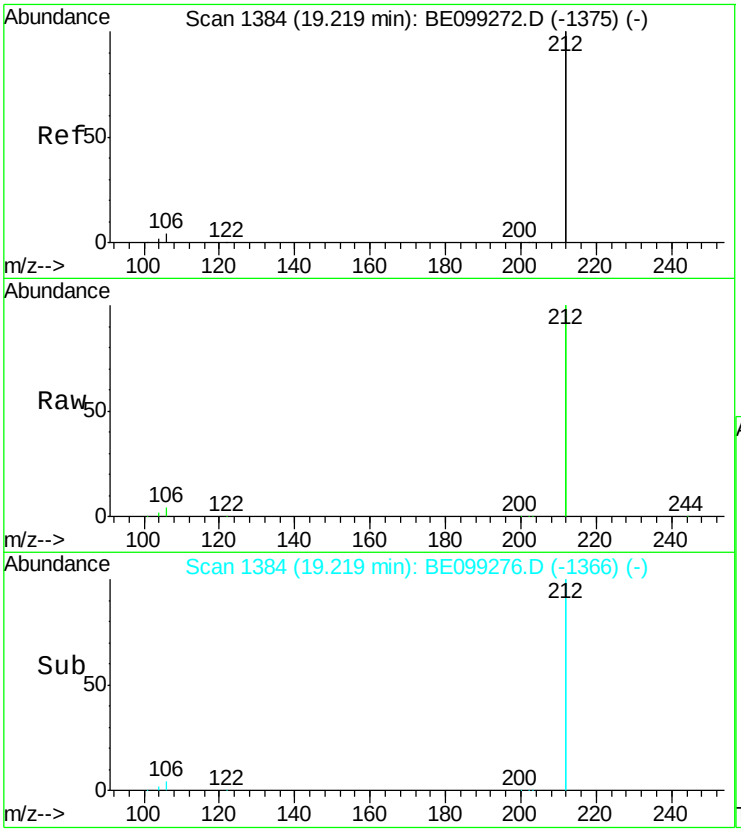


#24
Anthracene
Concen: 5.023 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:178 Resp: 352168

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.3	12.3	18.5



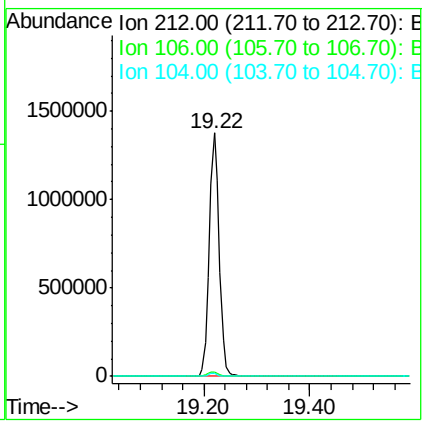


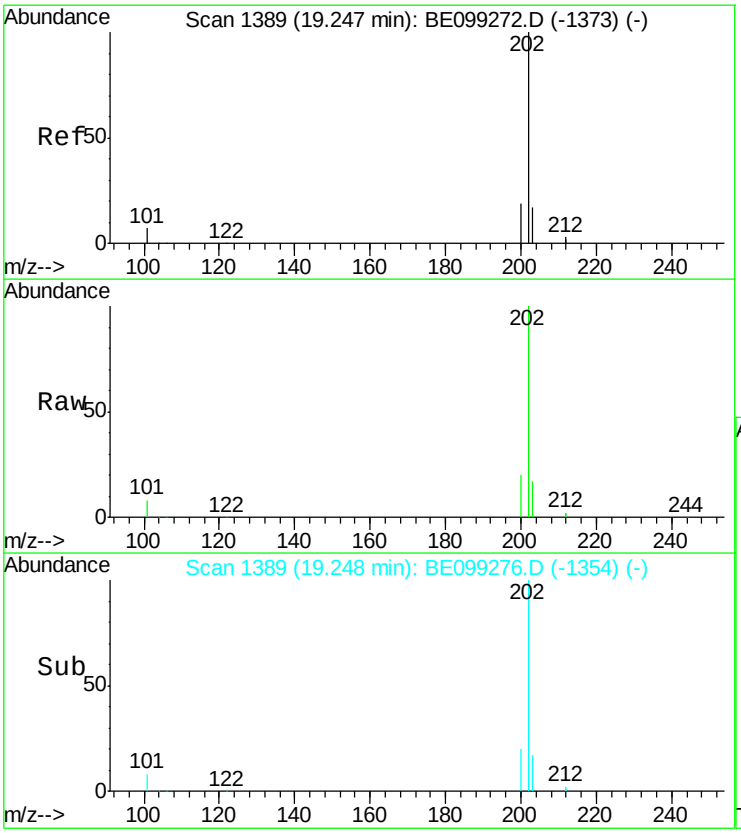
#25
Fluoranthene-d10
Concen: 5.703 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 1825691

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

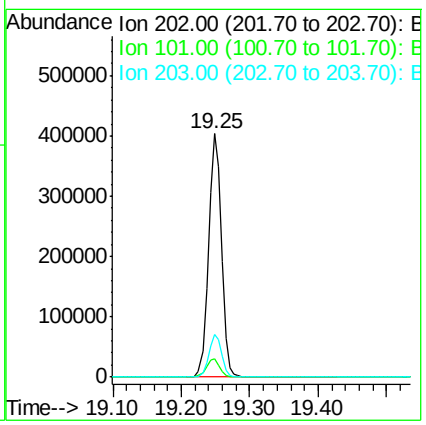


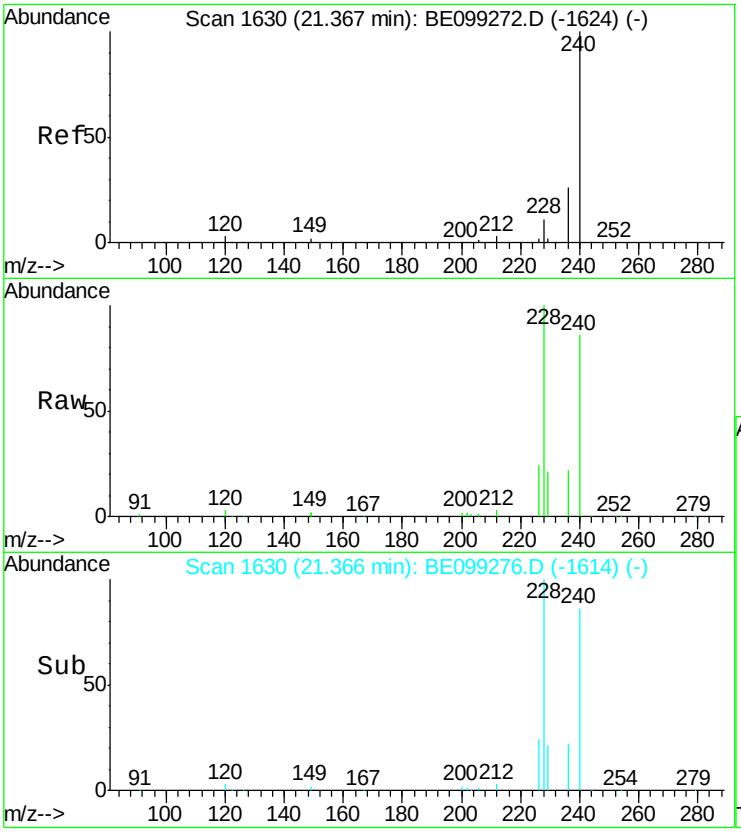


#26
Fluoranthene
Concen: 5.369 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:202 Resp: 531582

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.2	9.4
203	17.5	13.9	20.9



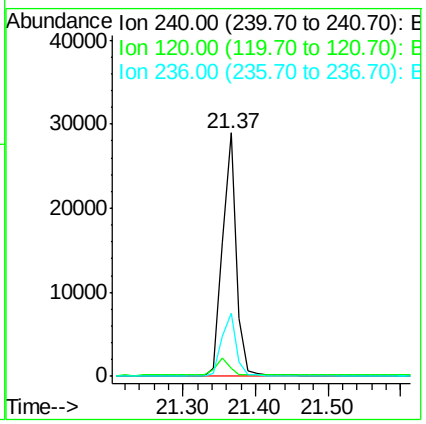


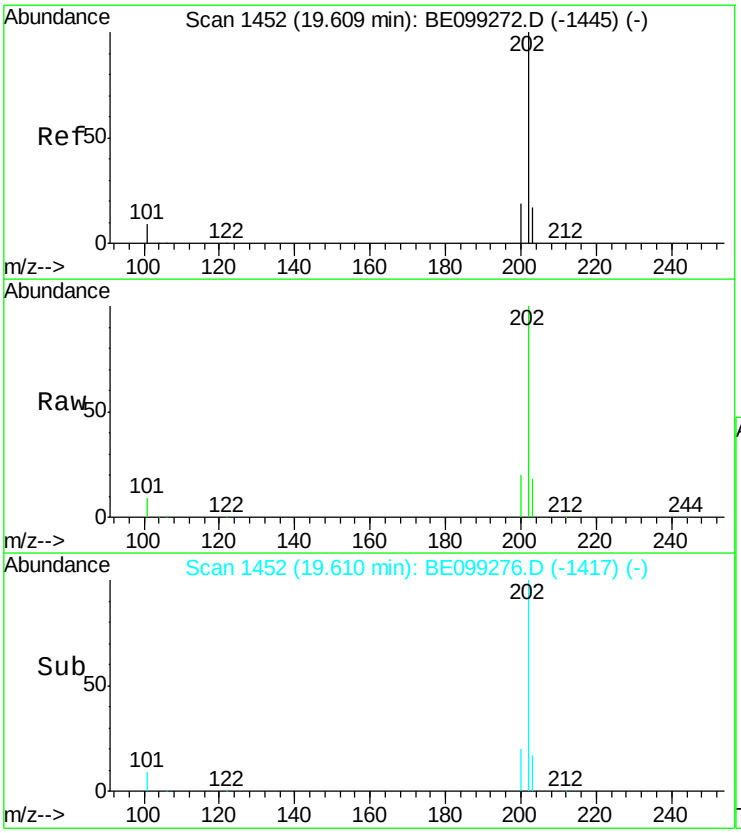
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 39276

Ion	Ratio	Lower	Upper
240	100		
120	3.4	2.7	4.1
236	26.0	20.7	31.1

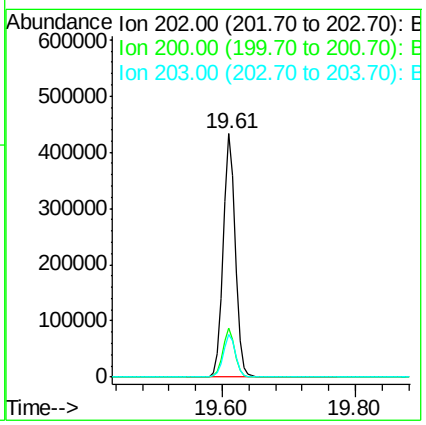


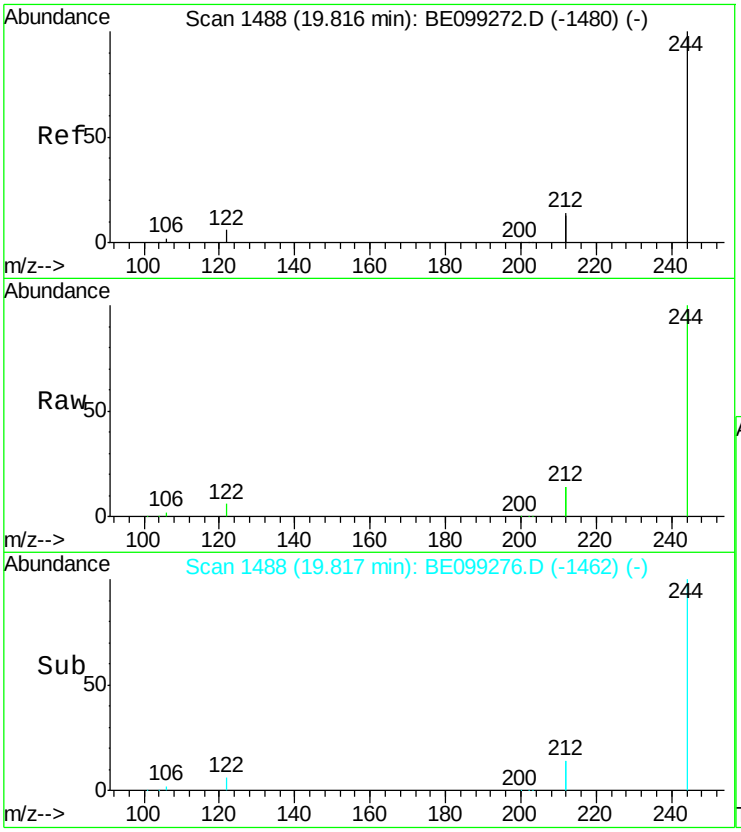


#28
Pyrene
Concen: 4.172 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:202 Resp: 544423

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.7	13.9	20.9



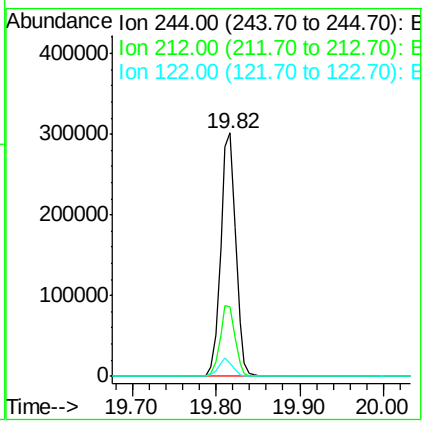


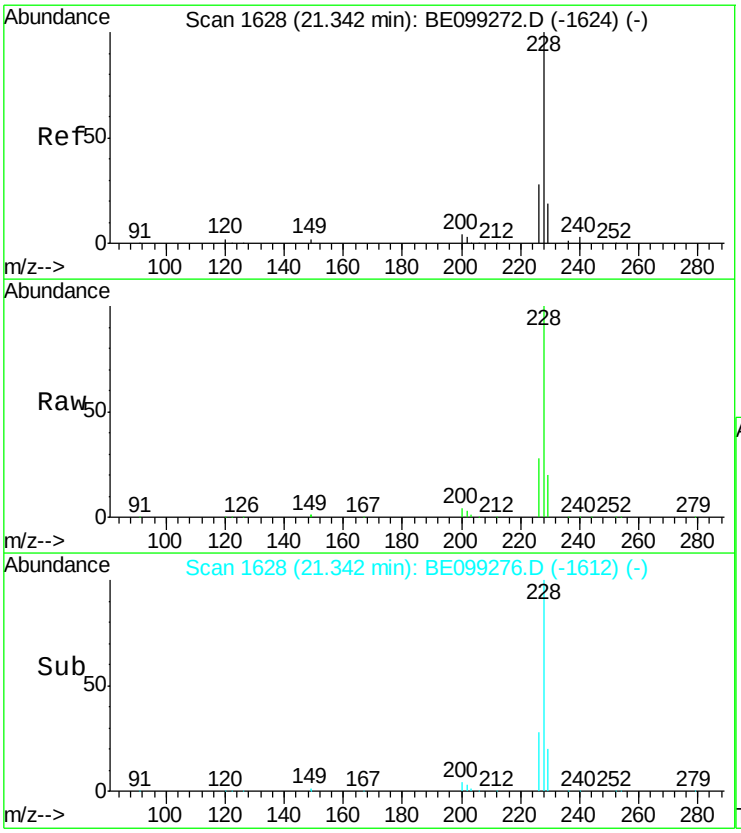
#29
Terphenyl-d14
Concen: 4.396 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 375549

Ion	Ratio	Lower	Upper
244	100		
212	28.4	22.6	33.8
122	5.7	4.6	7.0

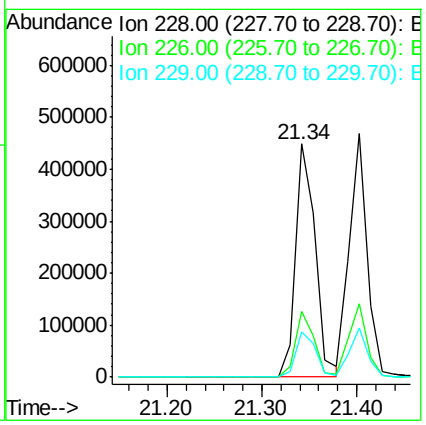


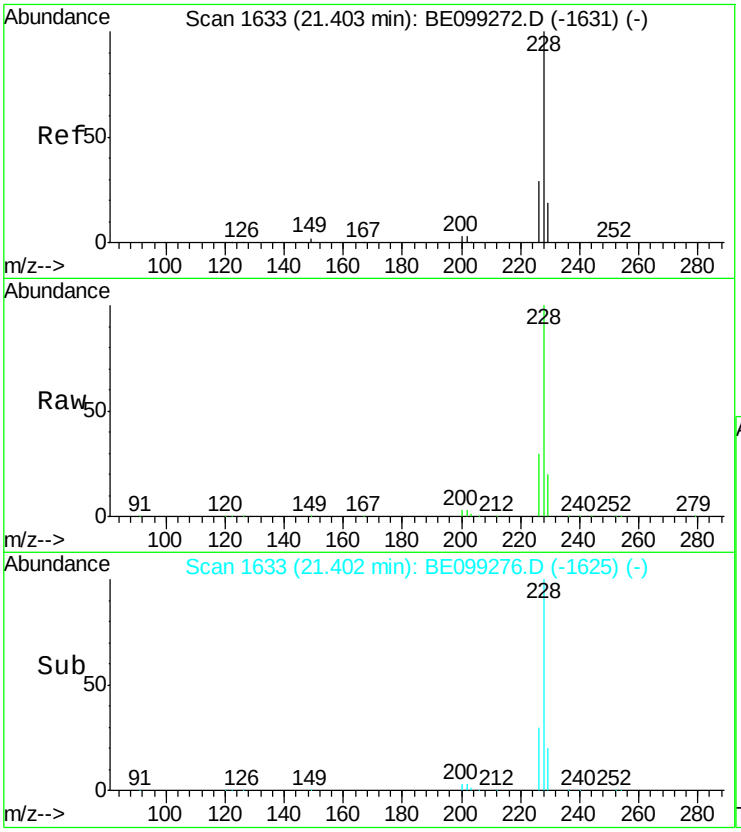


#30
Benzo(a)anthracene
Concen: 4.927 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:228 Resp: 638514

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	19.5	15.4	23.0



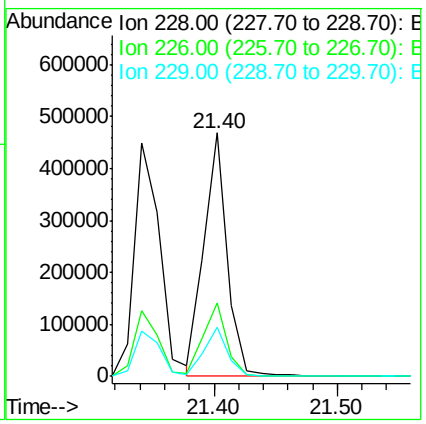


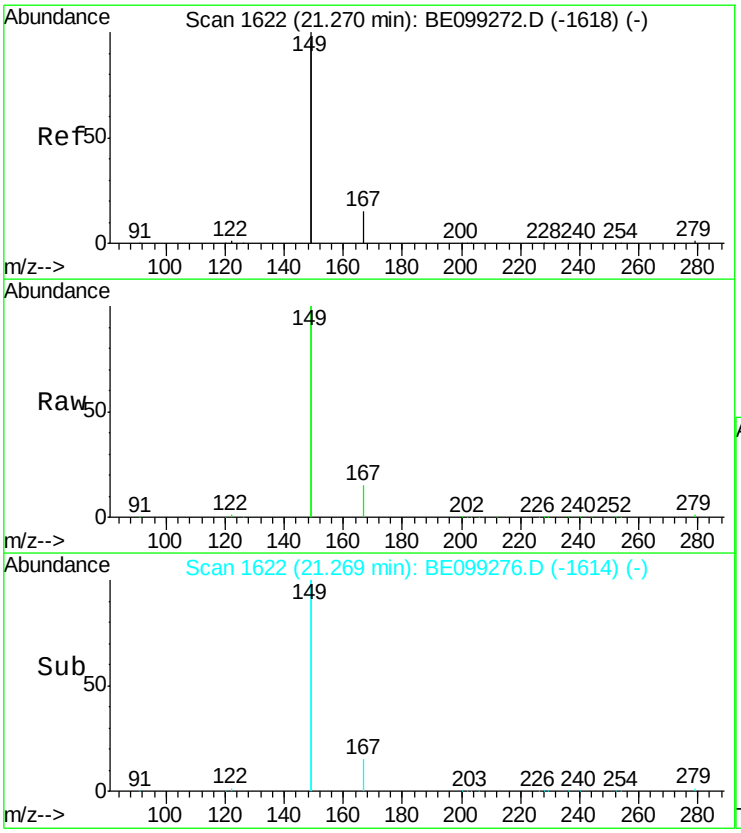
#31
Chrysene
Concen: 4.406 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 610266

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	20.1	15.6	23.4

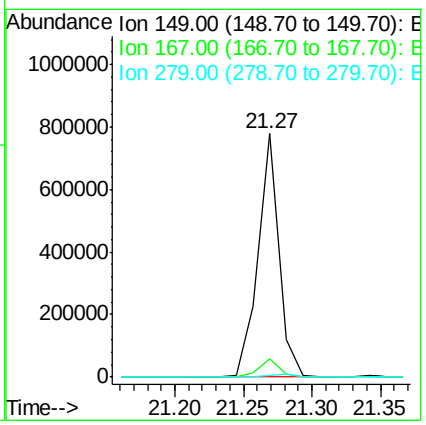


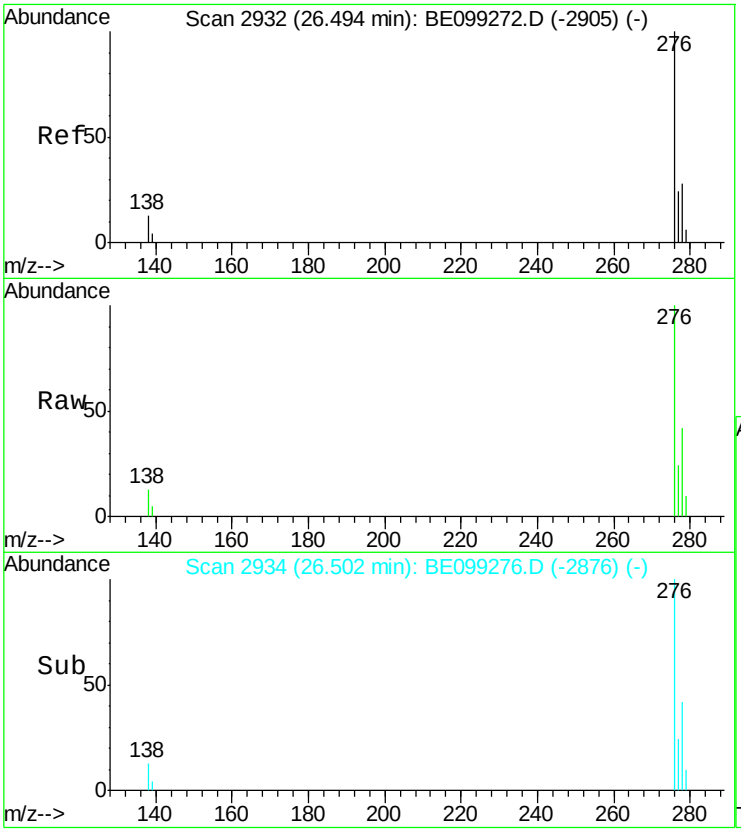


#32
Bis(2-ethylhexyl)phthalate
Concen: 5.318 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:149 Resp: 822133

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



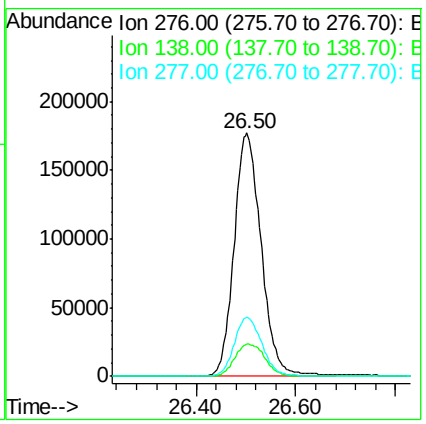


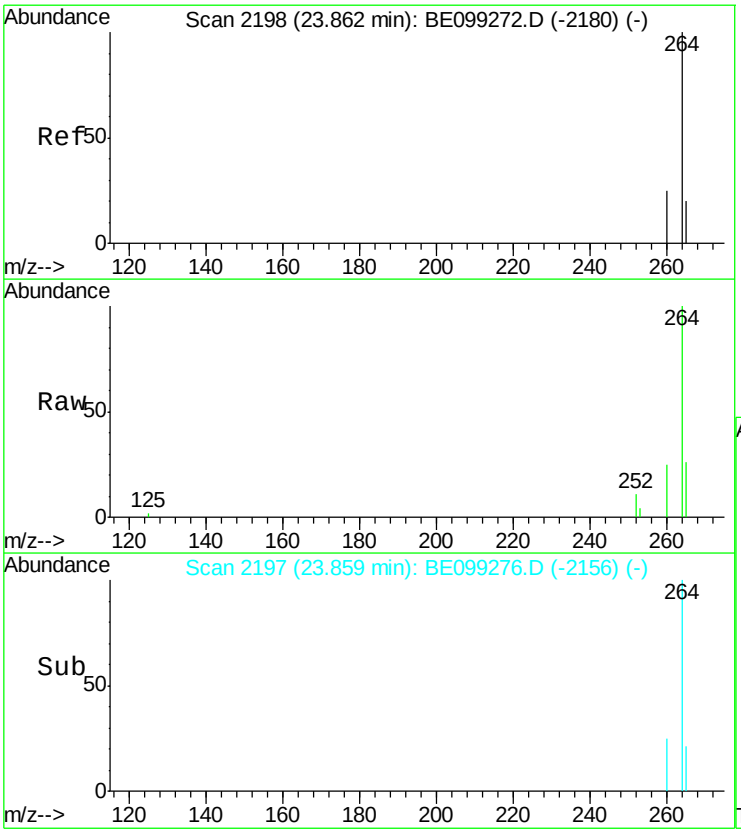
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.090 ng
RT: 26.50 min Scan# 2934
Delta R.T. 0.01 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 667213

Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.6	18.8
277	24.7	19.4	29.2

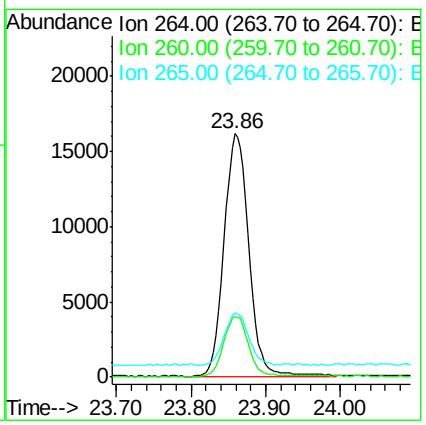


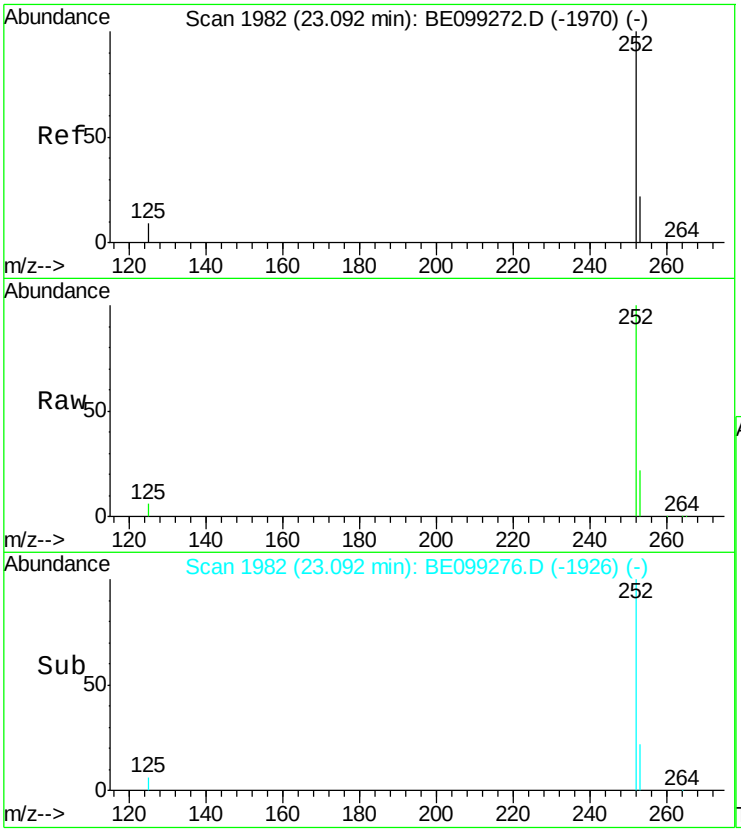


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:264 Resp: 37013

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	26.3	19.3	28.9



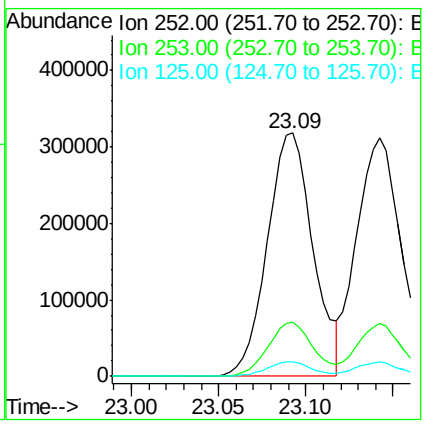


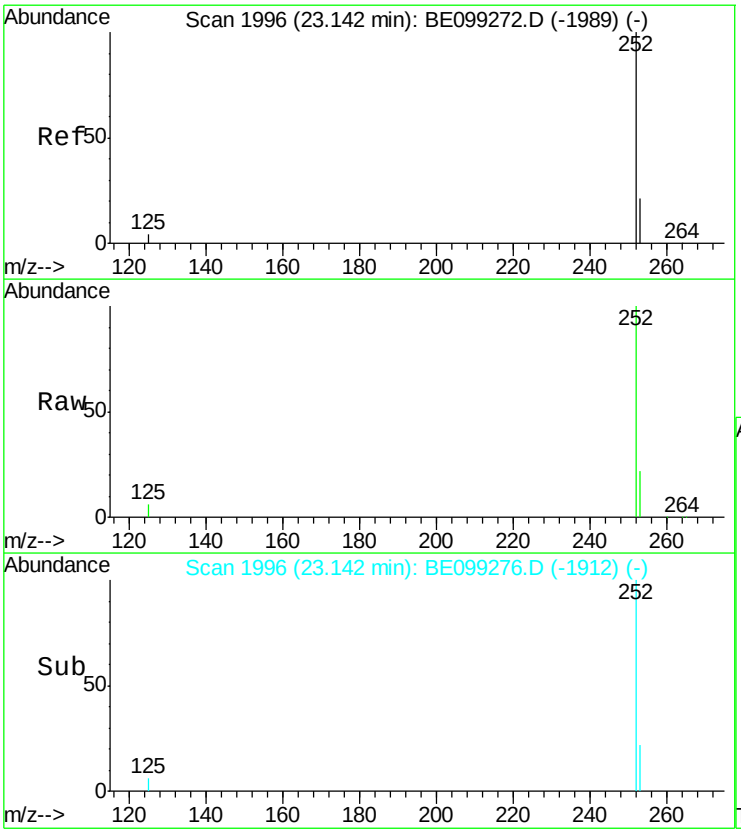
#35
Benzo(b)fluoranthene
Concen: 4.751 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 578731

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	5.9	7.4	11.2#

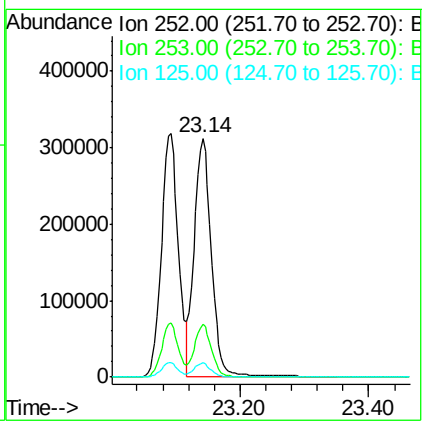


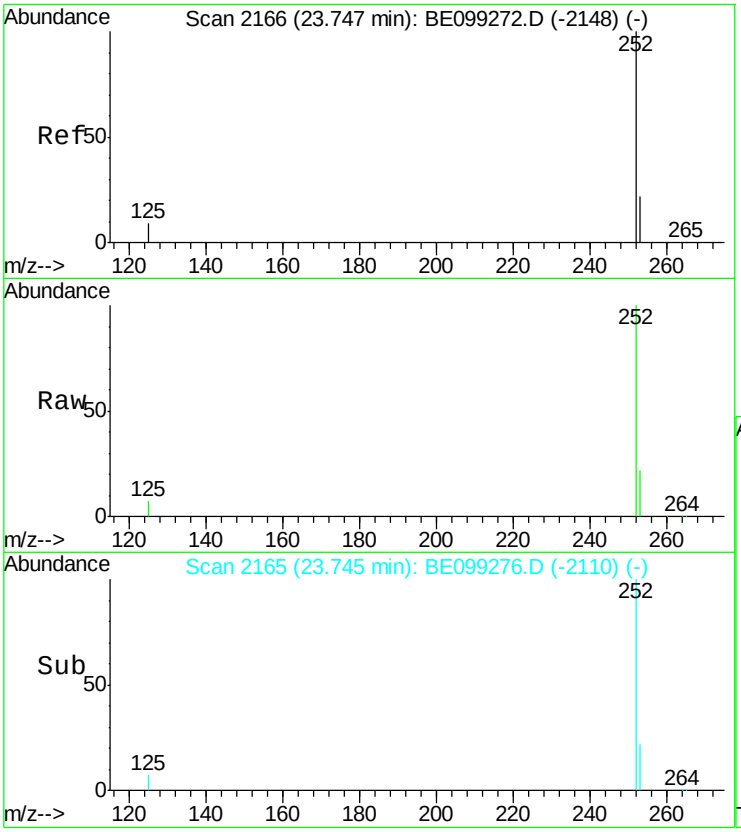


#36
Benzo(k)fluoranthene
Concen: 4.460 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:252 Resp: 574248

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	6.0	5.8	8.6



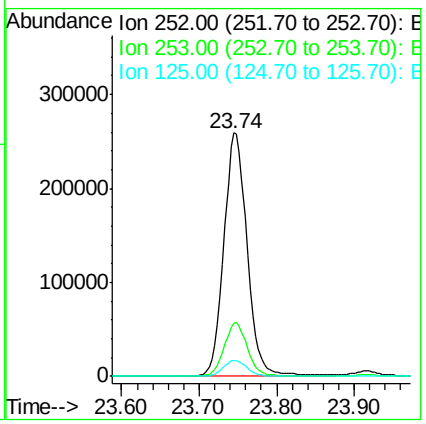


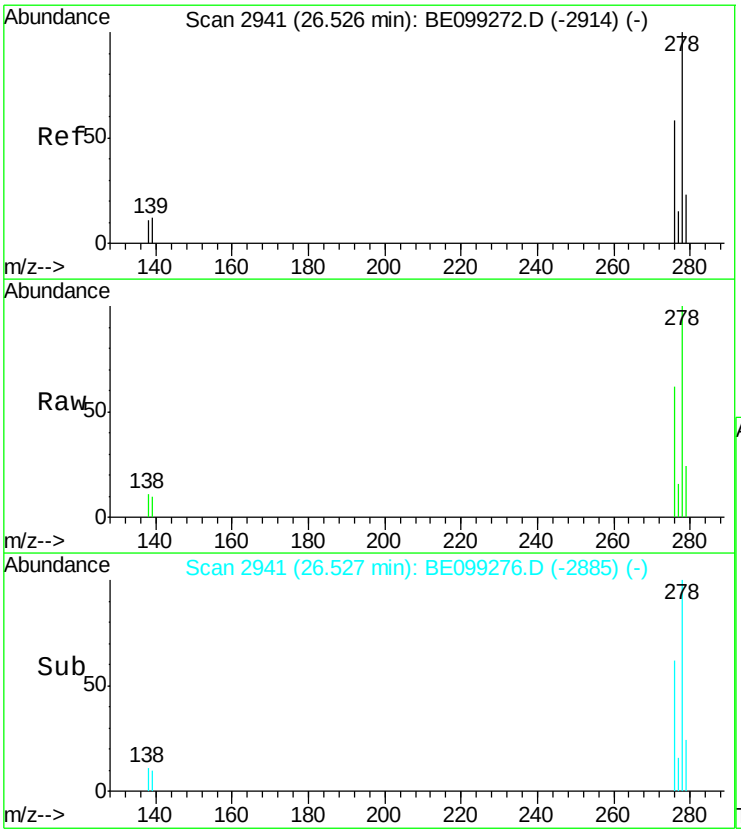
#37
Benzo(a)pyrene
Concen: 4.727 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 537656

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	6.6	7.8	11.8#

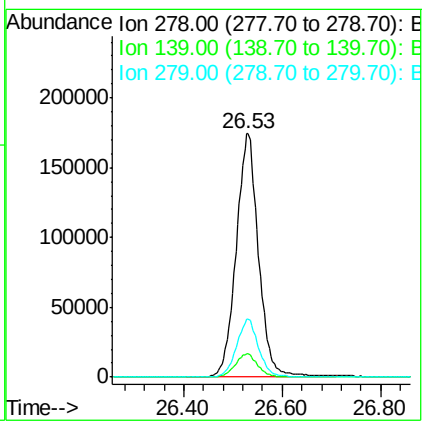


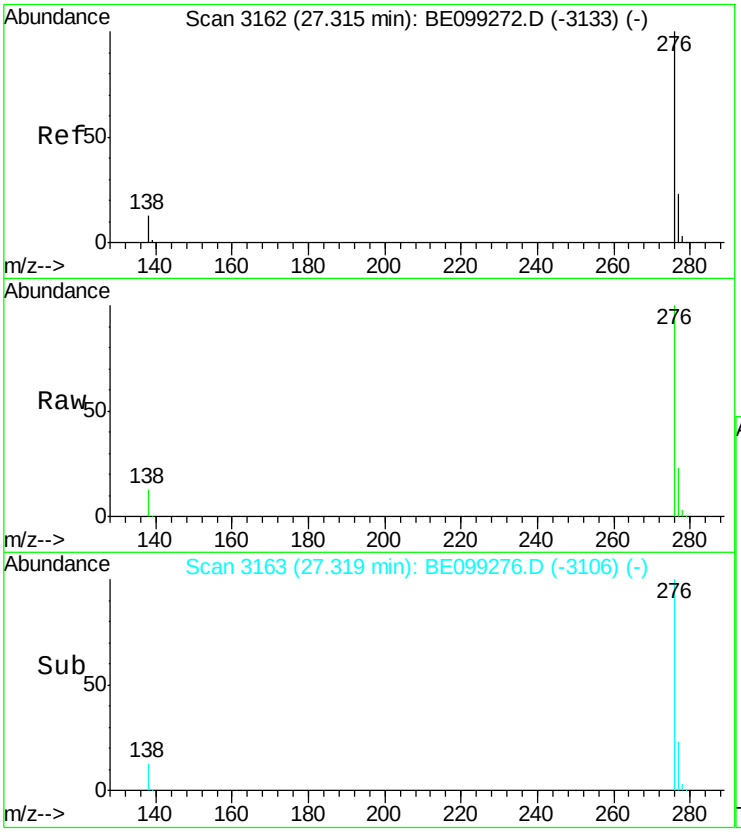


#38
Dibenzo(a,h)anthracene
Concen: 5.455 ng
RT: 26.53 min Scan# 2941
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:278 Resp: 551187

Ion	Ratio	Lower	Upper
278	100		
139	9.7	10.2	15.2#
279	24.1	19.0	28.4





#39
Benzo(g,h,i)perylene
Concen: 5.372 ng
RT: 27.32 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 544432

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	12.7	11.2	16.8