Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
Data File : BE099272.D
Acq On : 2 Apr 2019 13:15
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Apr 02 14:05:10 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	3270	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	12528	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	8630	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	25750	0.40	ng		0.00
27) Chrysene-d12	21.37	240	39738	0.40	ng		0.00
34) Perylene-d12	23.86	264	42895	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3631	0.37	ng		0.00
5) Phenol-d6	6.97	99	4835	0.32	ng		0.00
8) Nitrobenzene-d5	8.96	82	3302	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	8609	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1425	0.47	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	13581	0.39	ng		0.00
25) Fluoranthene-d10	19.22	212	137657	0.44	ng		0.00
29) Terphenyl-d14	19.82	244	28766	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1777	0.412	ng		88
3) n-Nitrosodimethylamine	3.65	42	1016	0.421	ng	#	99
6) bis(2-Chloroethyl)ether	7.24	93	4288	0.366	ng		100
9) Naphthalene	10.65	128	54856	0.371	ng		100
10) Hexachlorobutadiene	10.94	225	3571	0.454	ng		100
12) 2-Methylnaphthalene	12.28	142	9195	0.348	ng		100
16) Acenaphthylene	14.18	152	15791	0.359	ng		100
17) Acenaphthene	14.53	154	9437	0.359	ng		99
18) Fluorene	15.49	166	13992	0.378	ng		100
20) 4-Bromophenyl-phenylether	16.38	248	5715	0.344	ng		100
21) Hexachlorobenzene	16.49	284	5498	0.342	ng		100
22) Pentachlorophenol	16.84	266	2016	0.953	ng		100
23) Phenanthrene	17.23	178	27002	0.357	ng		100
24) Anthracene	17.32	178	25030	0.366	ng		100
26) Fluoranthene	19.25	202	39588	0.410	ng		100
28) Pyrene	19.61	202	41185	0.312	ng		100
30) Benzo(a)anthracene	21.34	228	50121	0.382	ng		100
31) Chrysene	21.40	228	49459	0.353	ng		100
32) Bis(2-ethylhexyl)phthalate	21.27	149	61578	0.394	ng		100
33) Indeno(1,2,3-cd)pyrene	26.49	276	57700	0.435	ng		100
35) Benzo(b)fluoranthene	23.09	252	49480	0.351	ng		100
36) Benzo(k)fluoranthene	23.14	252	48675	0.326	ng		100
37) Benzo(a)pyrene	23.75	252	46631	0.354	ng		100
38) Dibenzo(a,h)anthracene	26.53	278	47026	0.402	ng		100
39) Benzo(g,h,i)perylene	27.31	276	46626	0.397	ng		100

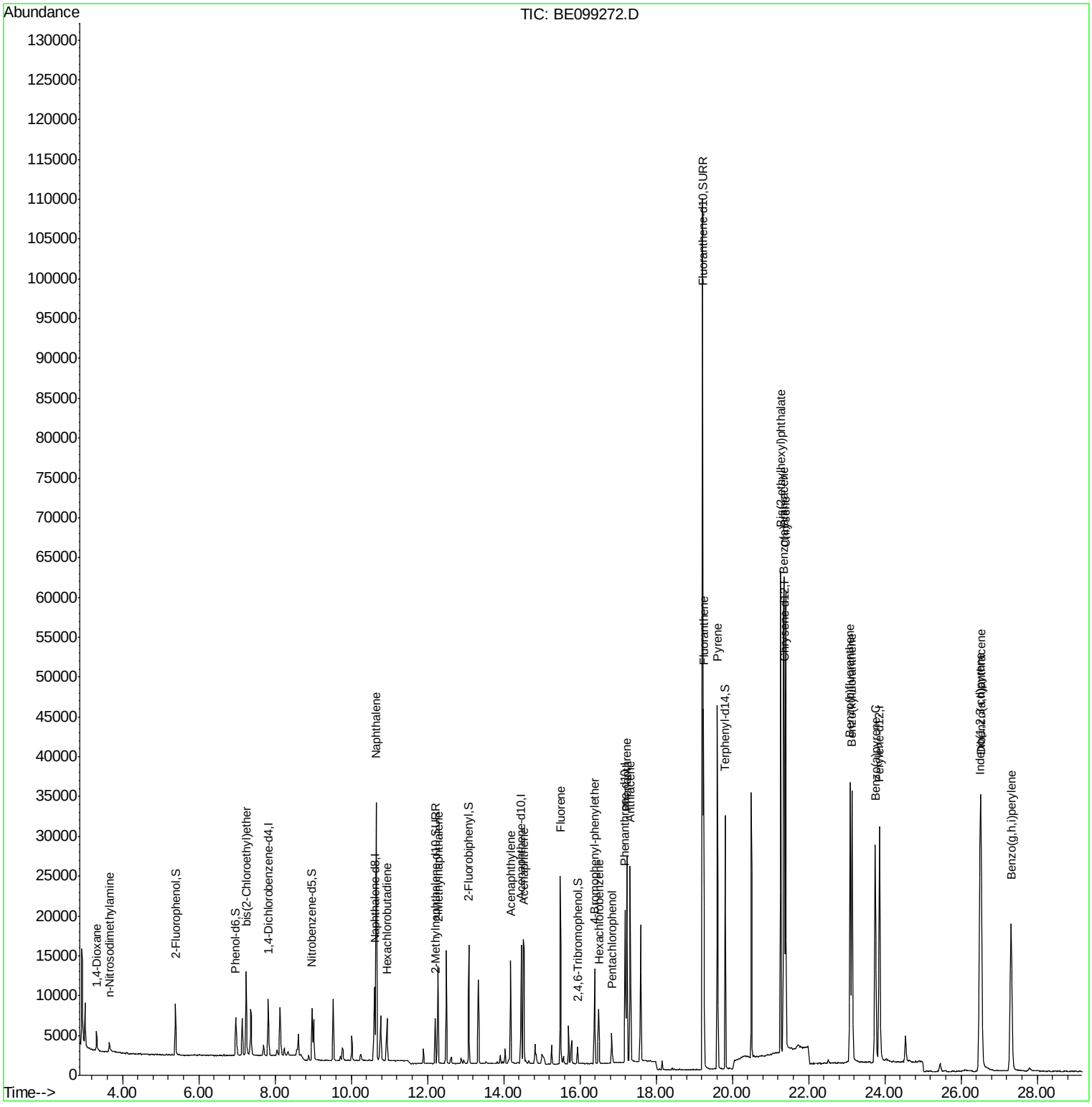
(#) = qualifier out of range (m) = manual integration (+) = signals summed

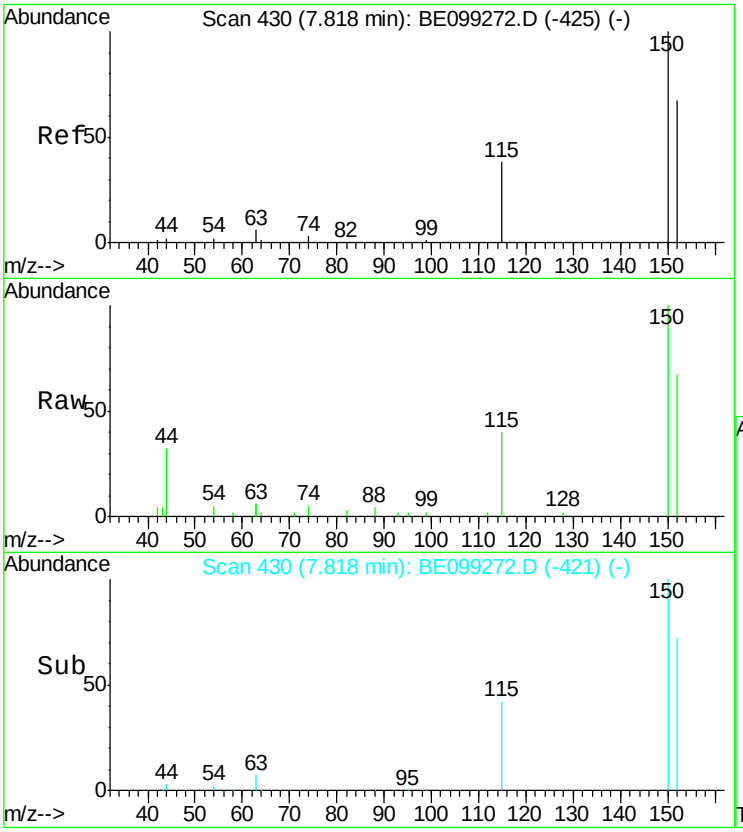
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
Data File : BE099272.D
Acq On : 2 Apr 2019 13:15
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Apr 02 14:05:10 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



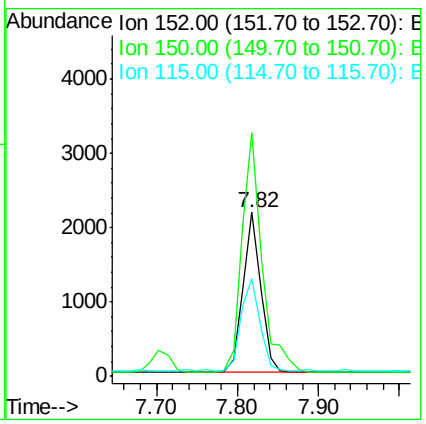


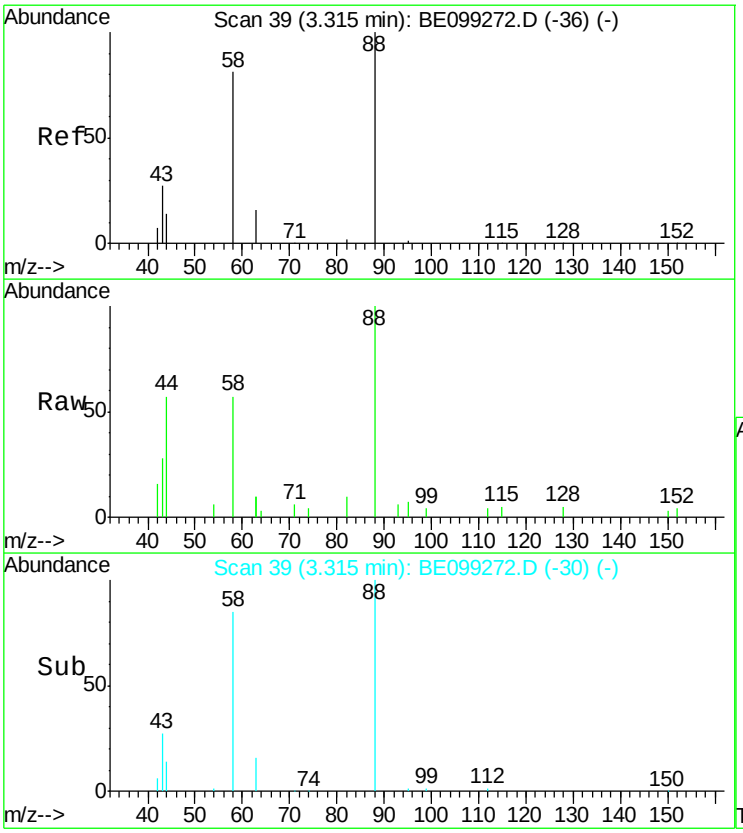
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 3270

Ion	Ratio	Lower	Upper
152	100		
150	148.3	118.6	178.0
115	59.5	47.6	71.4

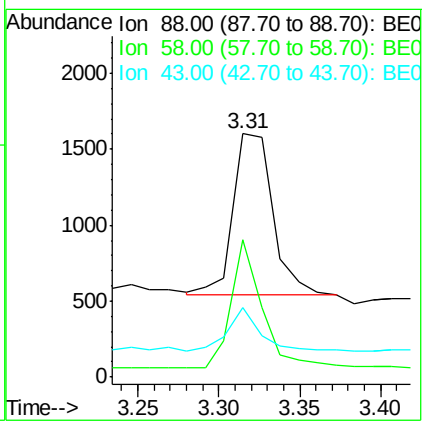


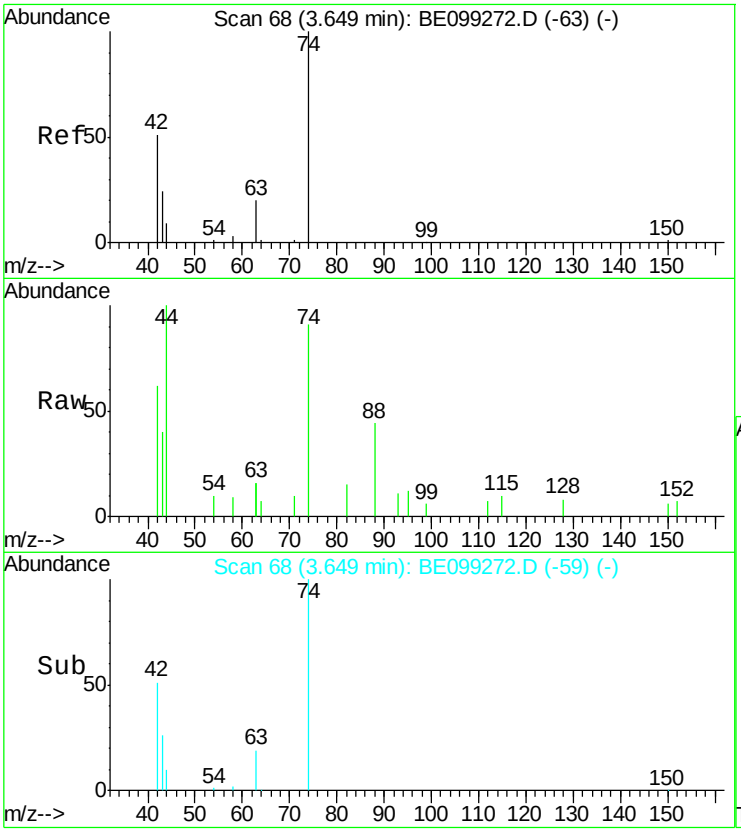


#2
1,4-Dioxane
Concen: 0.412 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion: 88 Resp: 1777

Ion	Ratio	Lower	Upper
88	100		
58	63.7	43.0	64.4
43	21.5	14.8	22.2



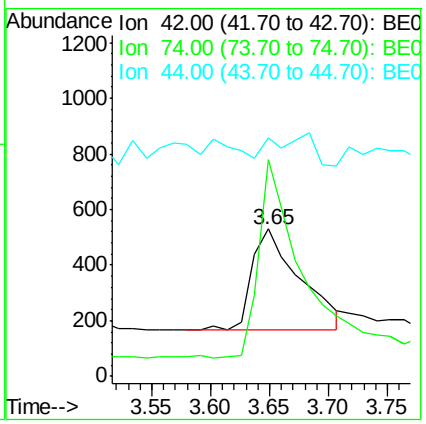


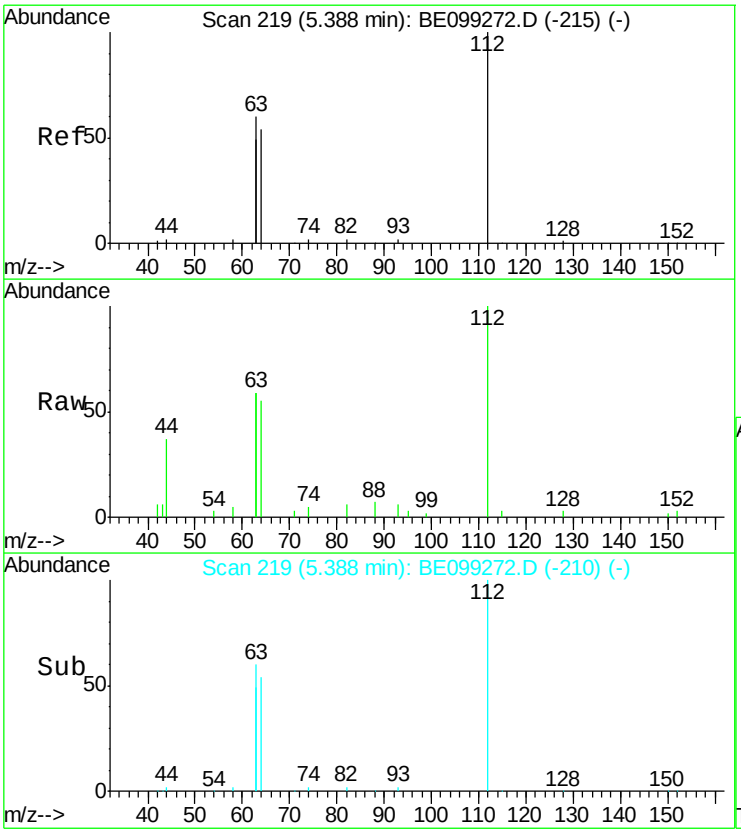
#3
n-Nitrosodimethylamine
Concen: 0.421 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1016

Ion	Ratio	Lower	Upper
42	100		
74	165.7	133.8	200.8
44	0.0	0.0	0.0

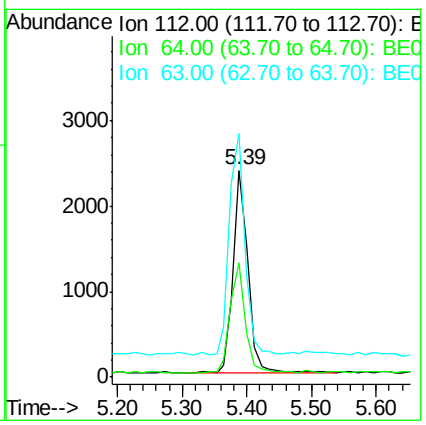


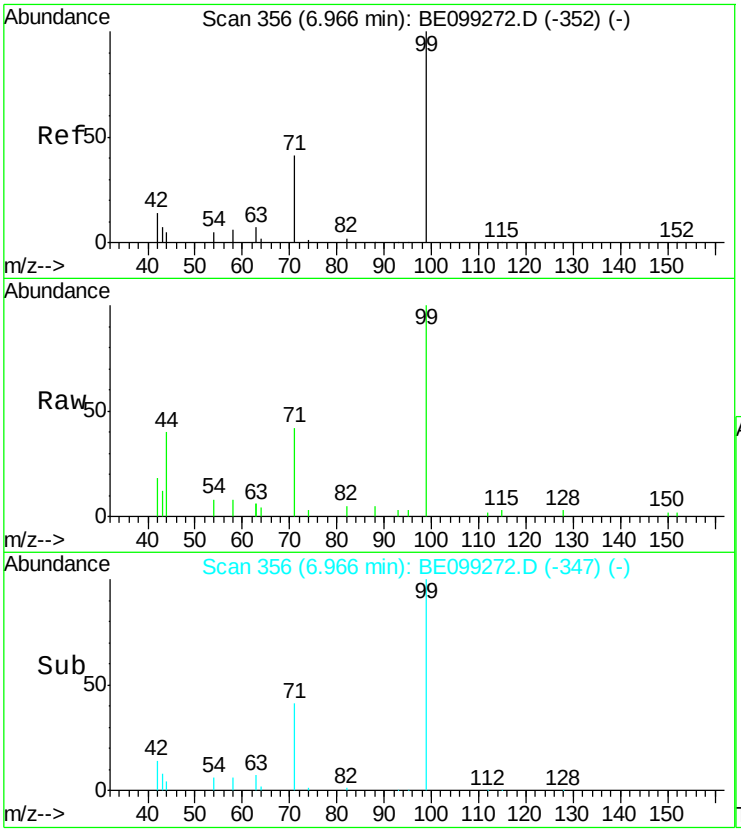


#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:112 Resp: 3631

Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.1	67.7
63	117.8	94.4	141.6



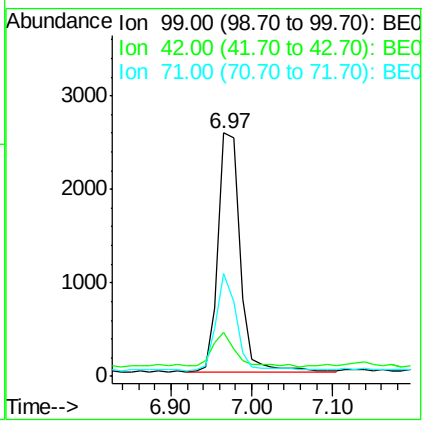


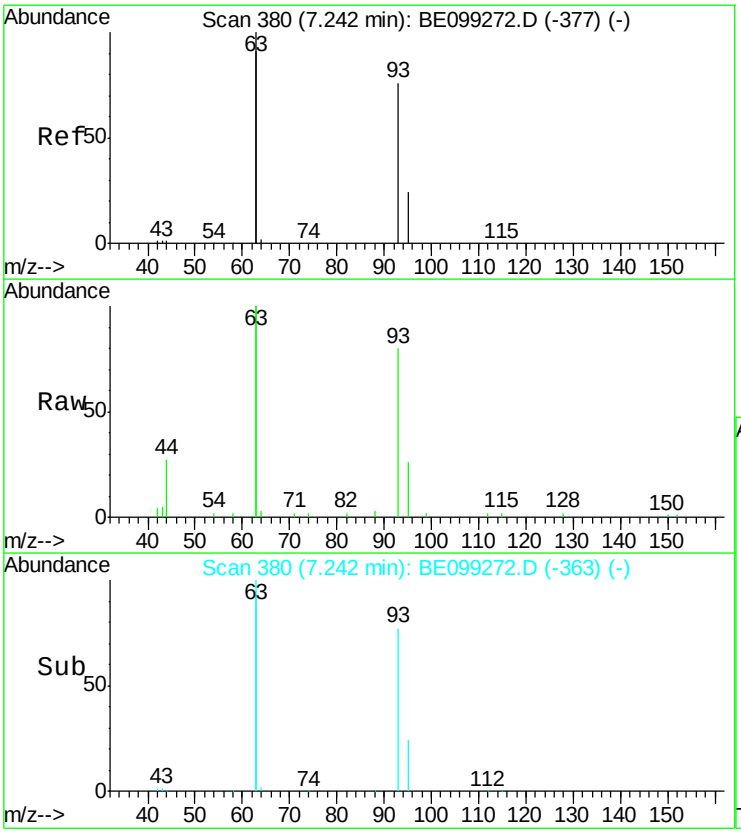
#5
Phenol-d6
Concen: 0.324 ng
RT: 6.97 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 4835

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.2	18.4
71	37.6	30.1	45.1

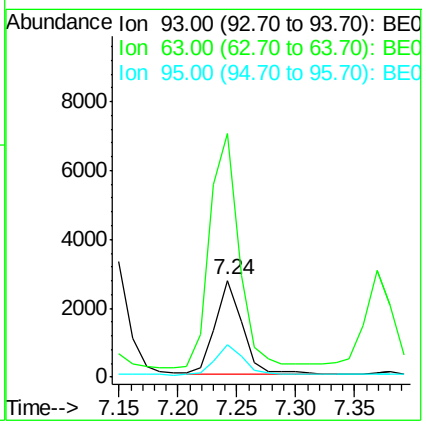


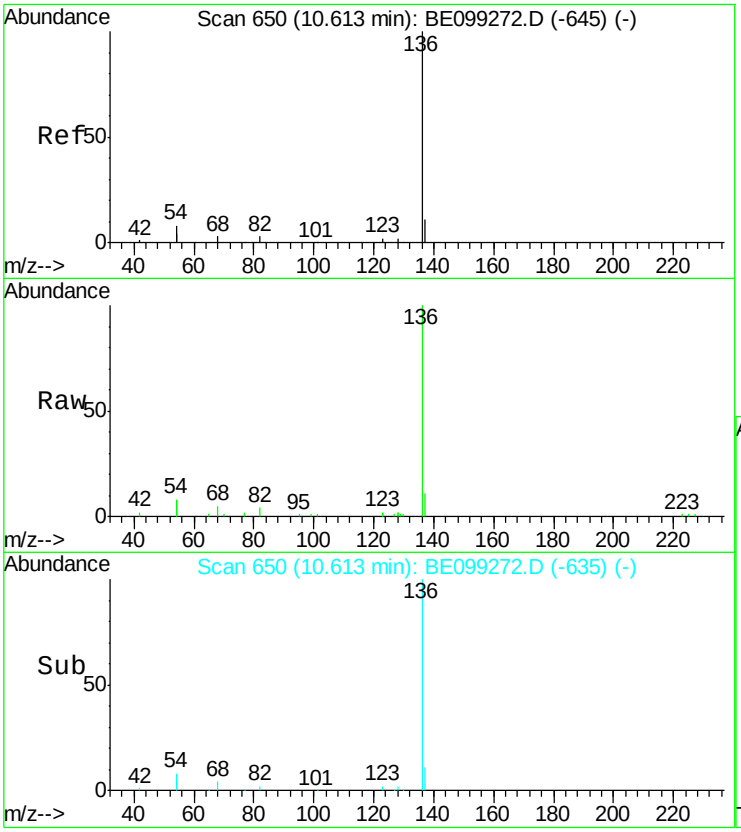


#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion: 93 Resp: 4288

Ion	Ratio	Lower	Upper
93	100		
63	274.3	219.4	329.2
95	35.2	28.2	42.2



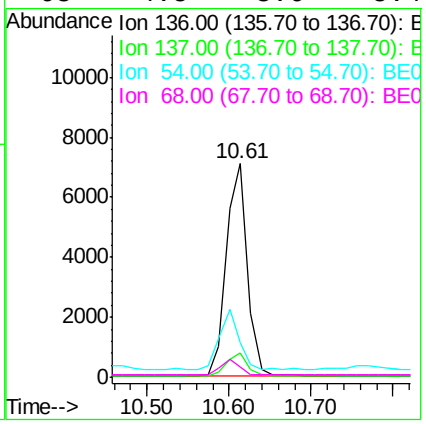


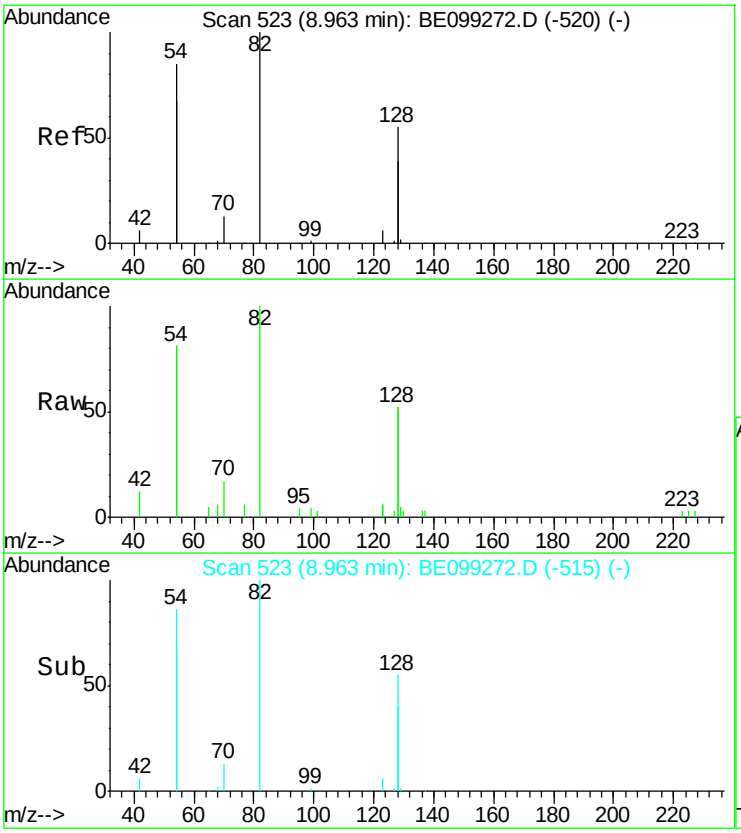
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 12528

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	16.1	12.9	19.3
68	4.5	3.6	5.4

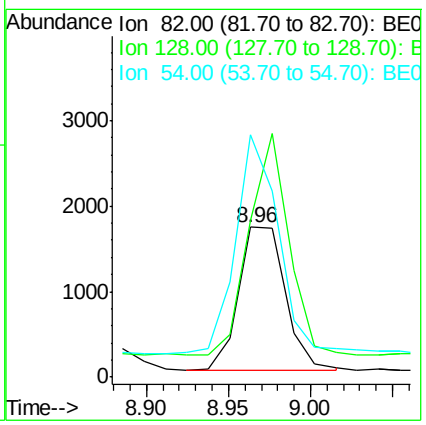


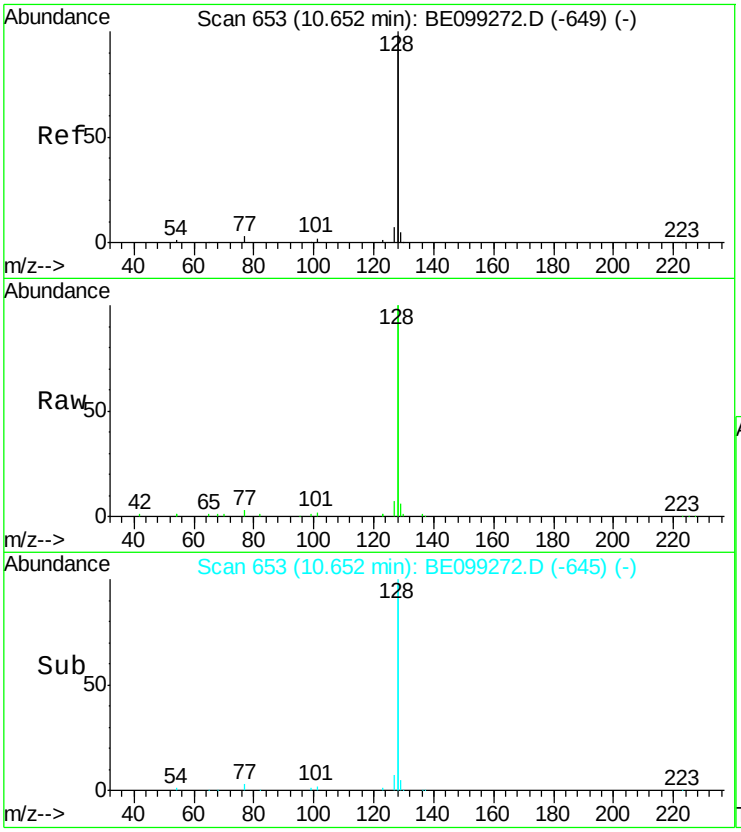


#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion: 82 Resp: 3302

Ion	Ratio	Lower	Upper
82	100		
128	104.0	83.2	124.8
54	161.6	129.3	193.9



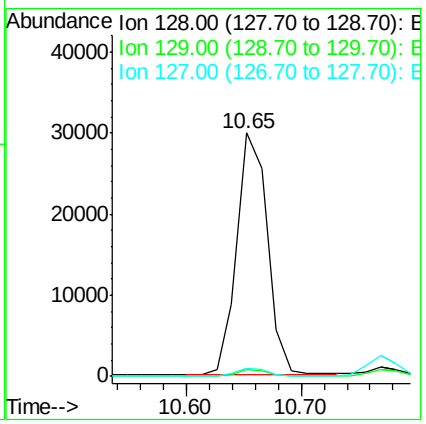


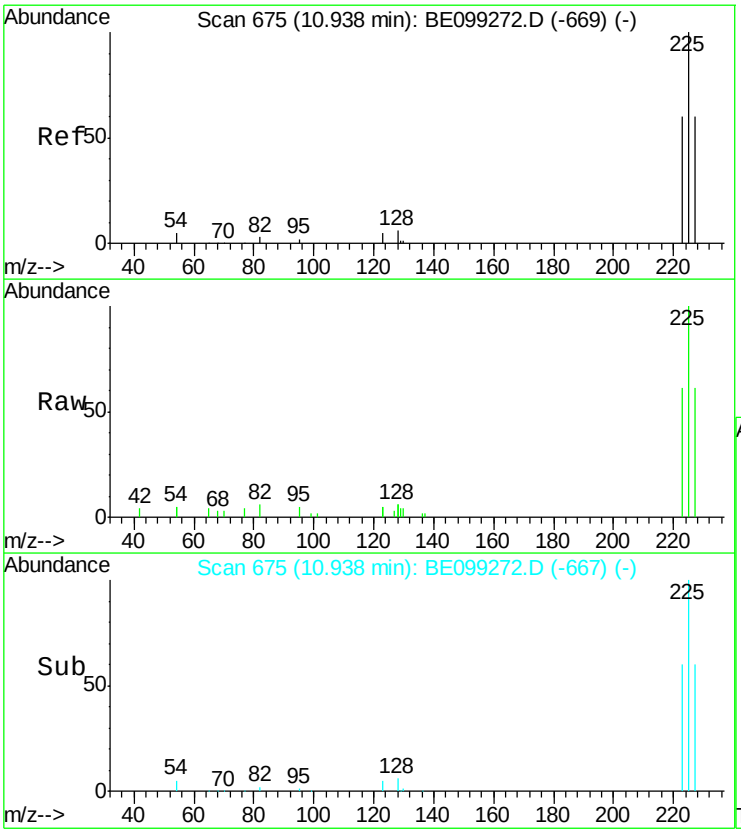
#9
Naphthalene
Concen: 0.371 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 54856

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.4	2.7	4.1

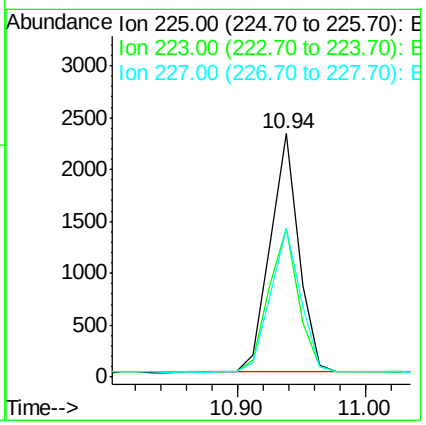


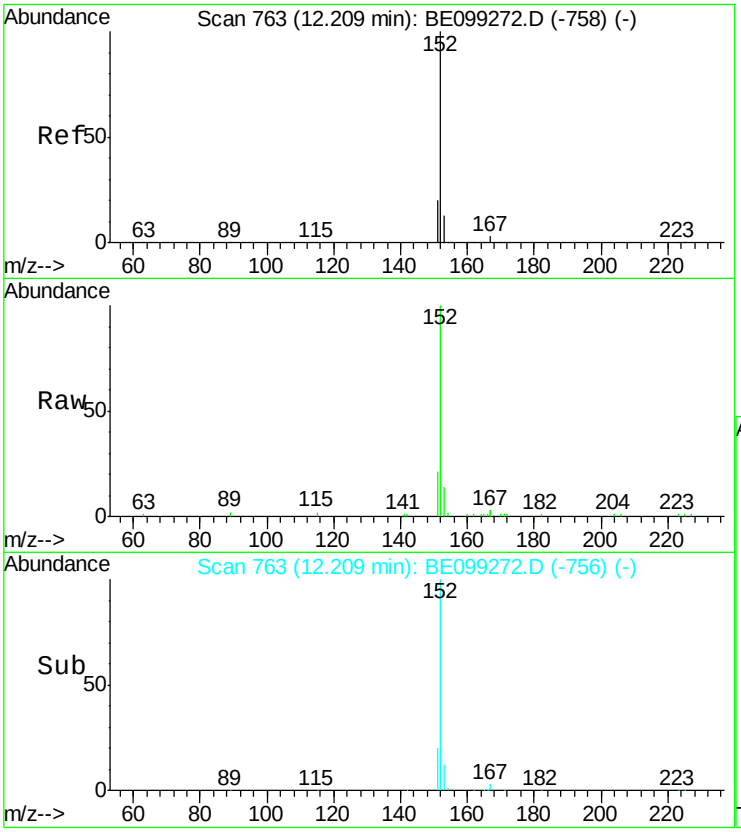


#10
Hexachlorobutadiene
Concen: 0.454 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:225 Resp: 3571

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	63.2	50.6	75.8



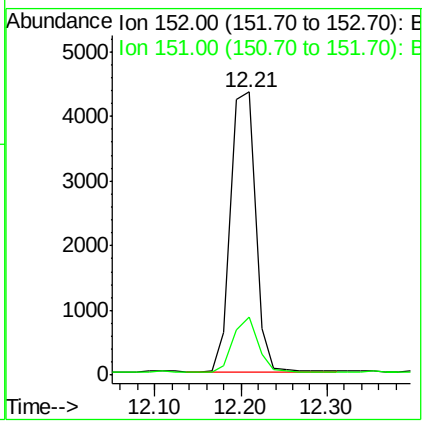


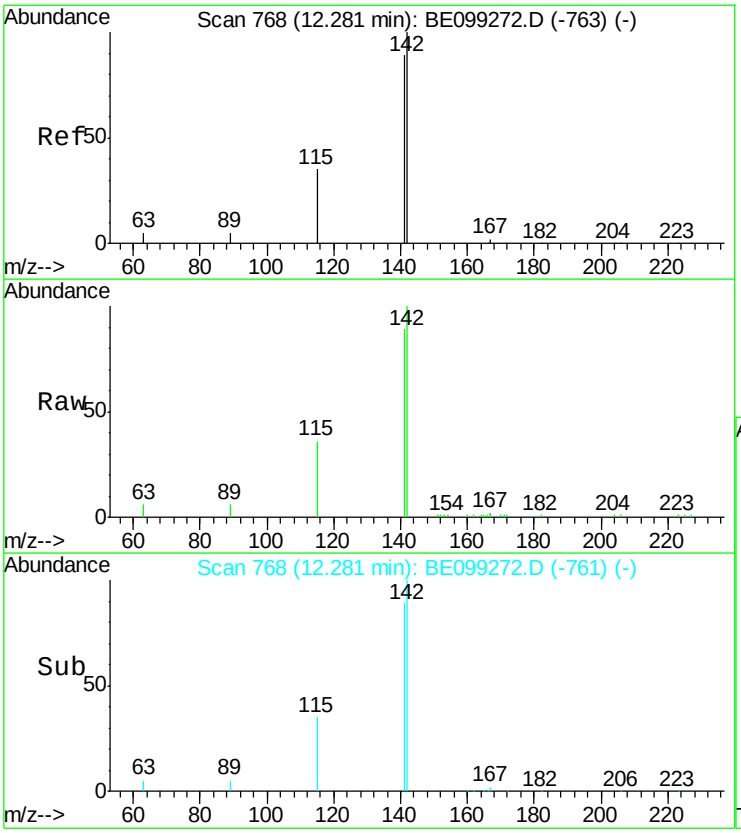
#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 8609

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

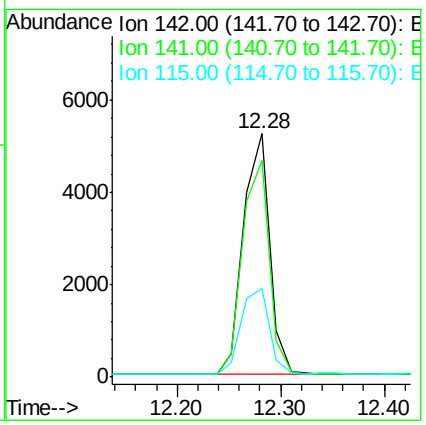


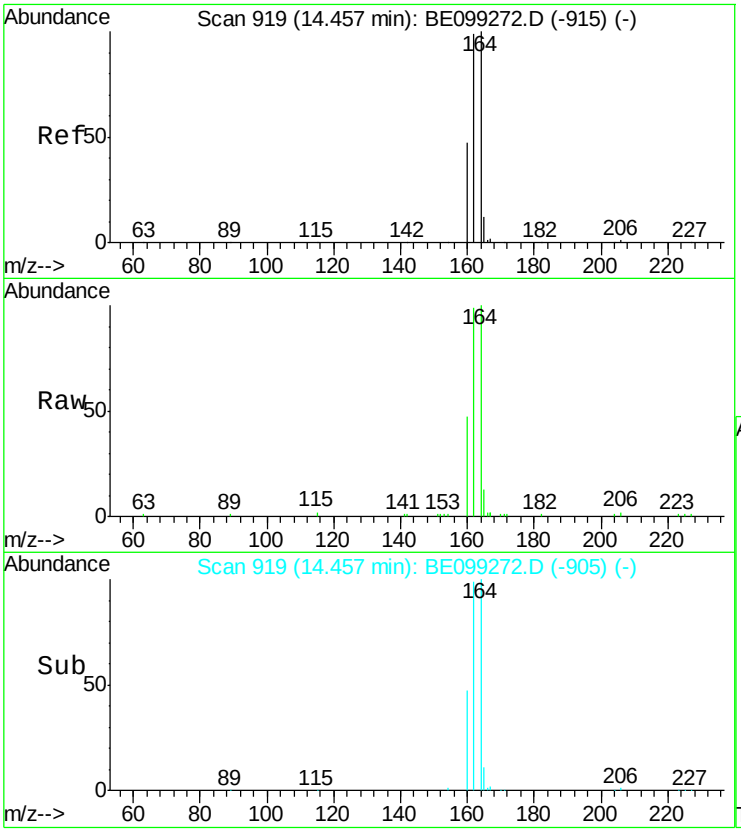


#12
2-Methylnaphthalene
Concen: 0.348 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:142 Resp: 9195

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.1	106.7
115	36.3	29.0	43.6



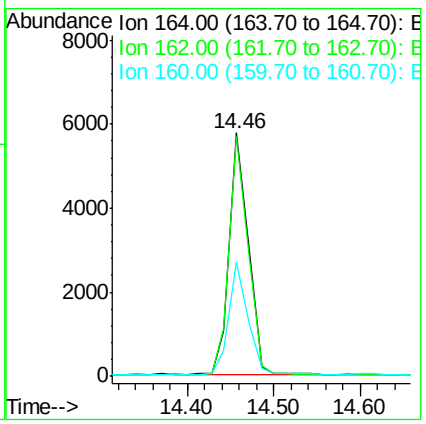


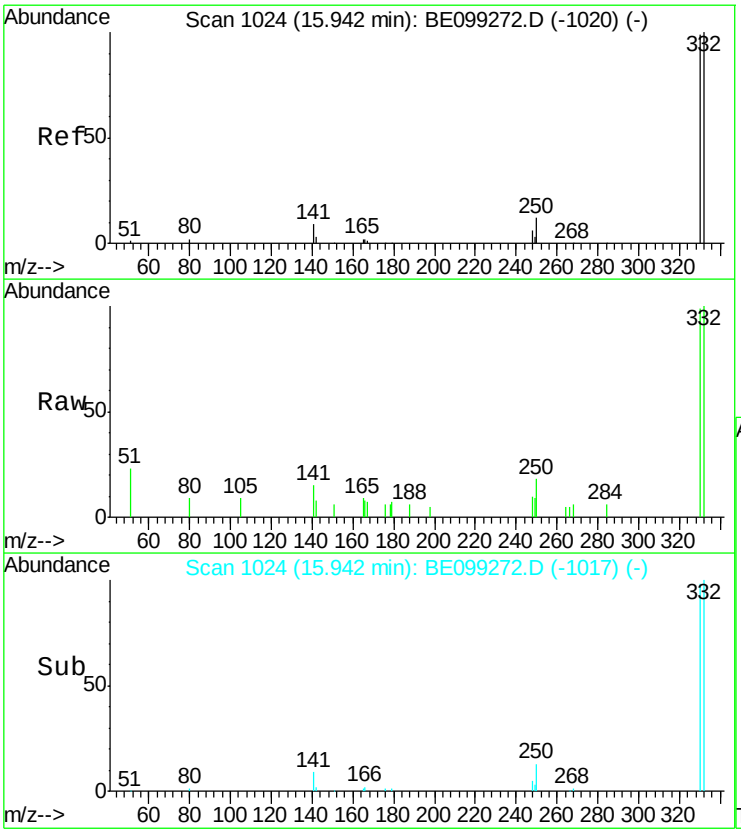
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 8630

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.8	118.2
160	47.0	37.6	56.4

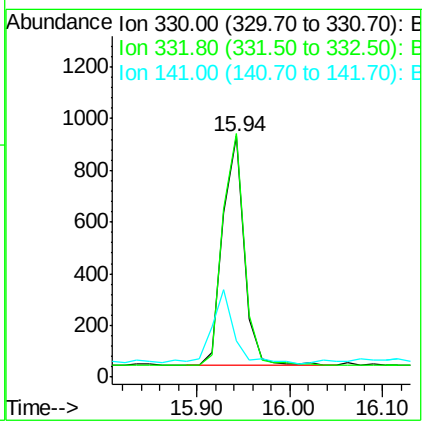


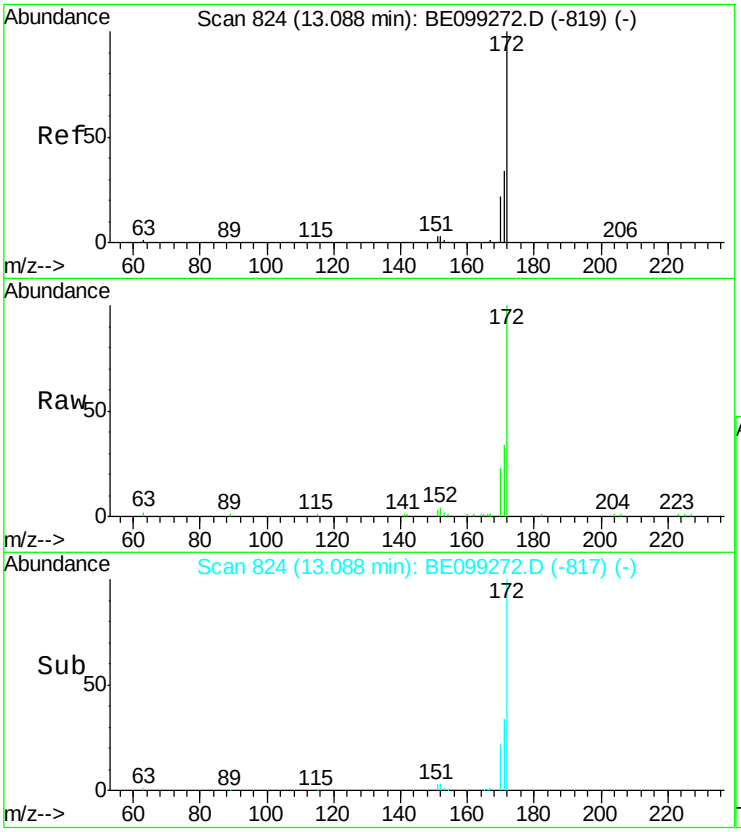


#14
2,4,6-Tribromophenol
Concen: 0.467 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:330 Resp: 1425

Ion	Ratio	Lower	Upper
330	100		
332	101.8	82.6	123.8
141	33.1	27.6	41.4



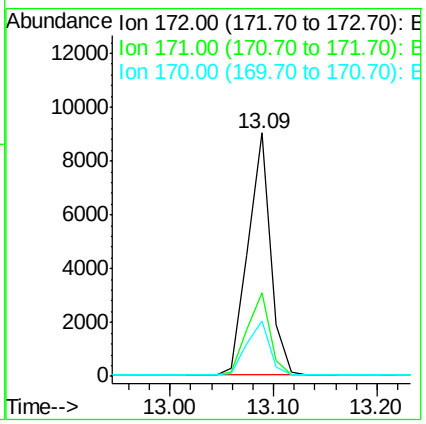


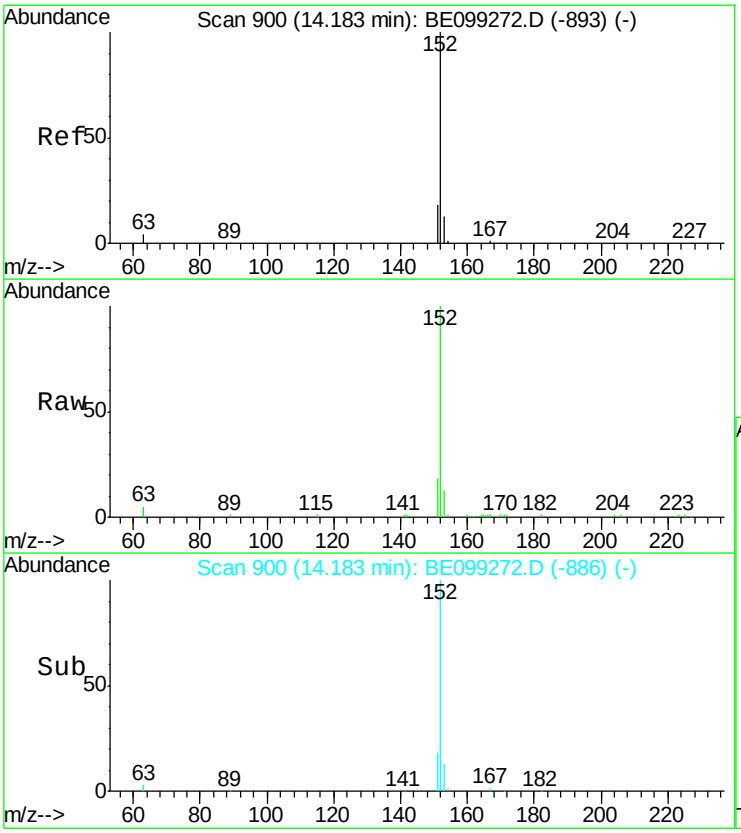
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 13581

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	22.7	18.2	27.2

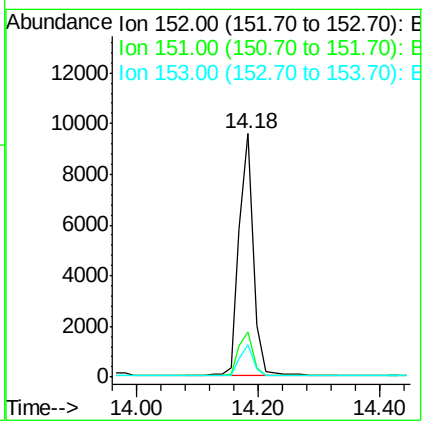


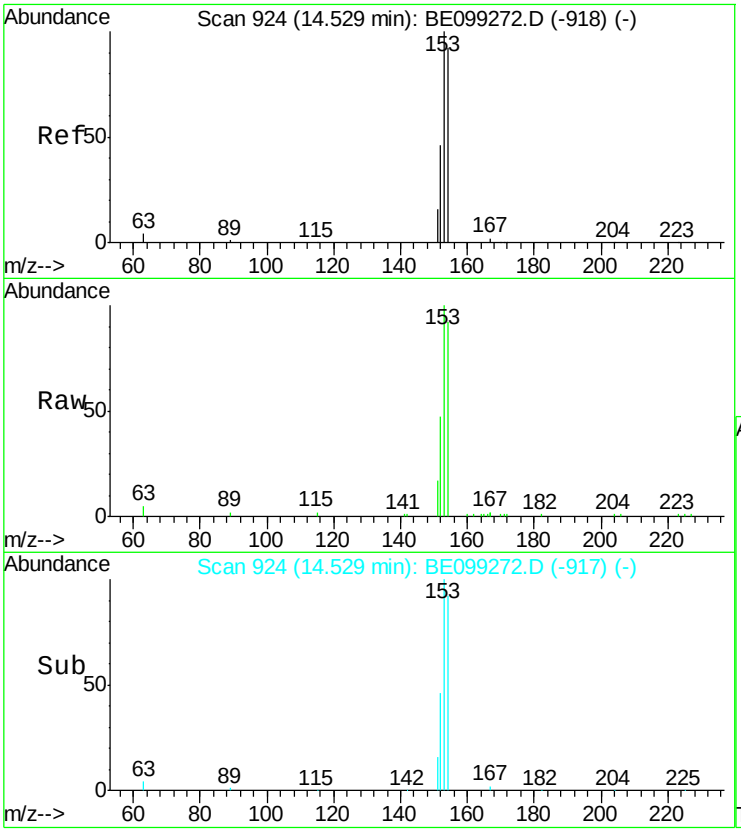


#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:152 Resp: 15791

Ion	Ratio	Lower	Upper
152	100		
151	18.6	14.9	22.3
153	12.5	10.0	15.0



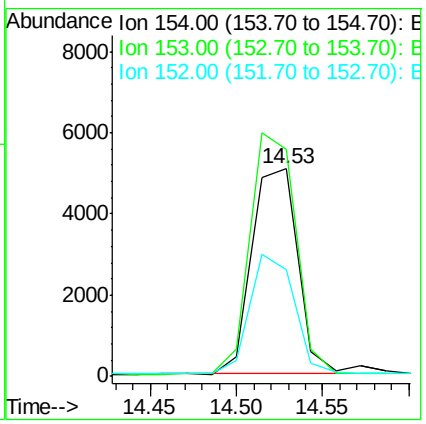


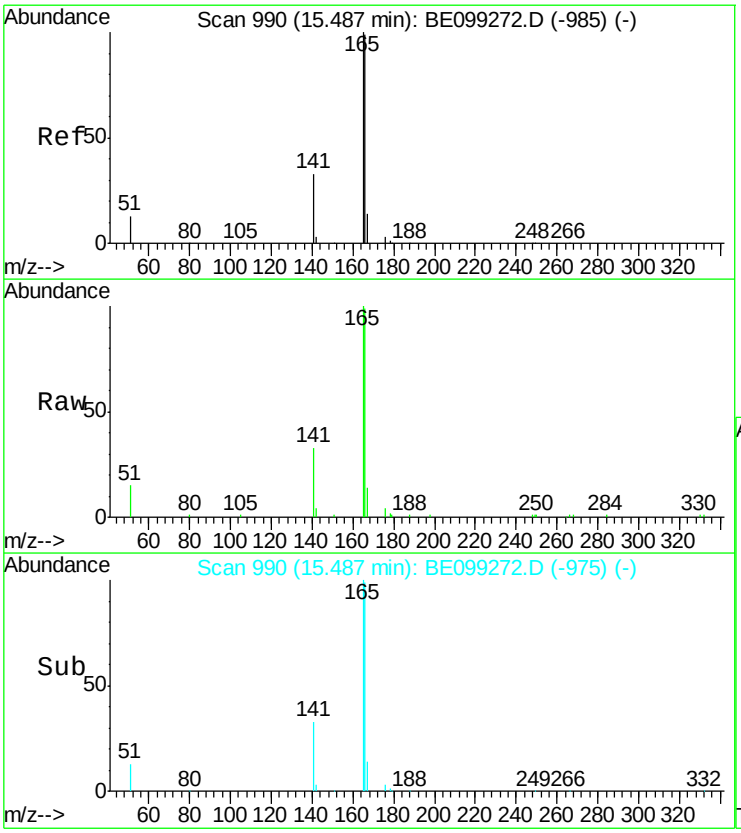
#17
Acenaphthene
Concen: 0.359 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 9437

Ion	Ratio	Lower	Upper
154	100		
153	116.8	92.8	139.2
152	55.9	44.3	66.5

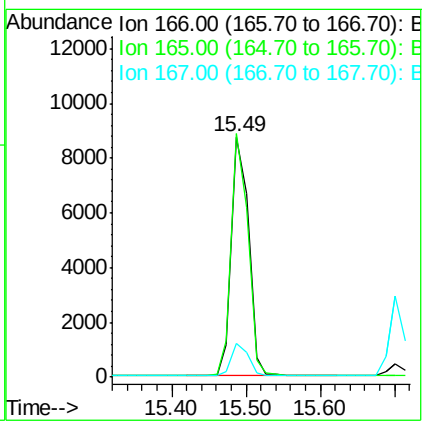


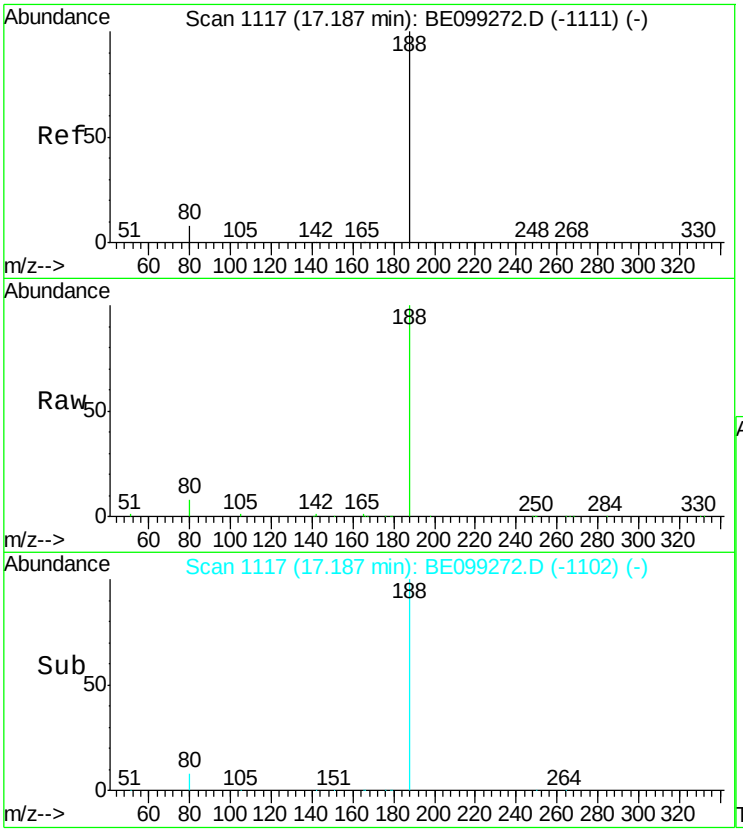


#18
Fluorene
Concen: 0.378 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:166 Resp: 13992

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	13.6	10.9	16.3



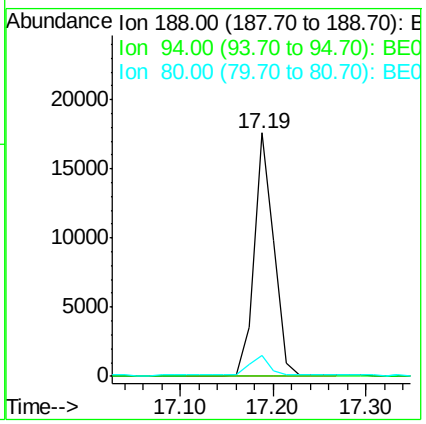


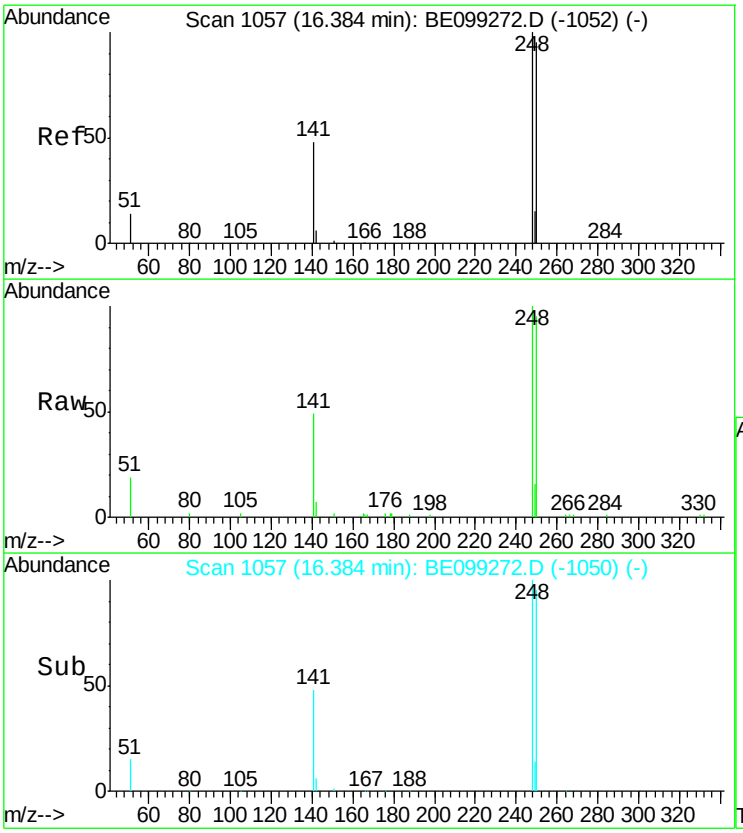
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 25750

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.6	10.0

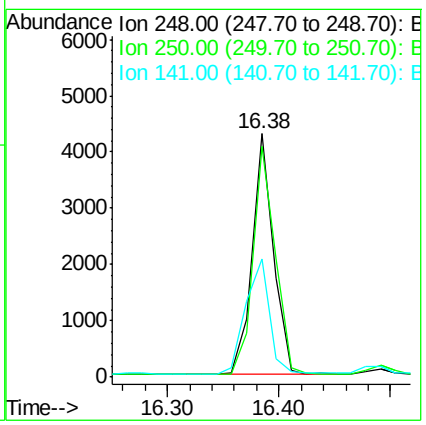


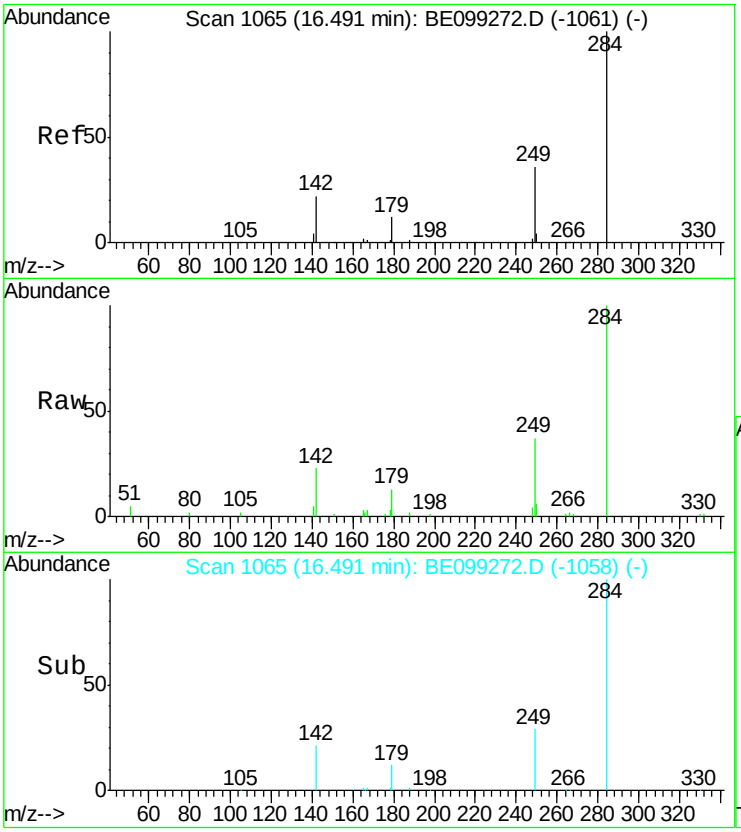


#20
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:248 Resp: 5715

Ion	Ratio	Lower	Upper
248	100		
250	94.9	75.9	113.9
141	48.8	39.0	58.6



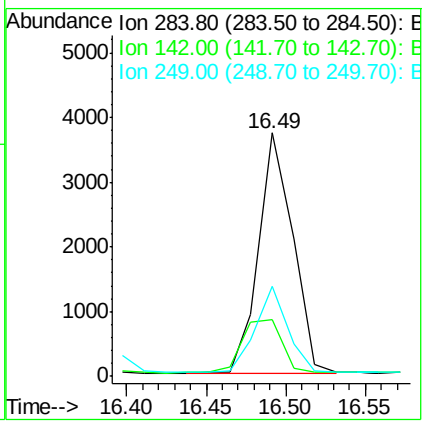


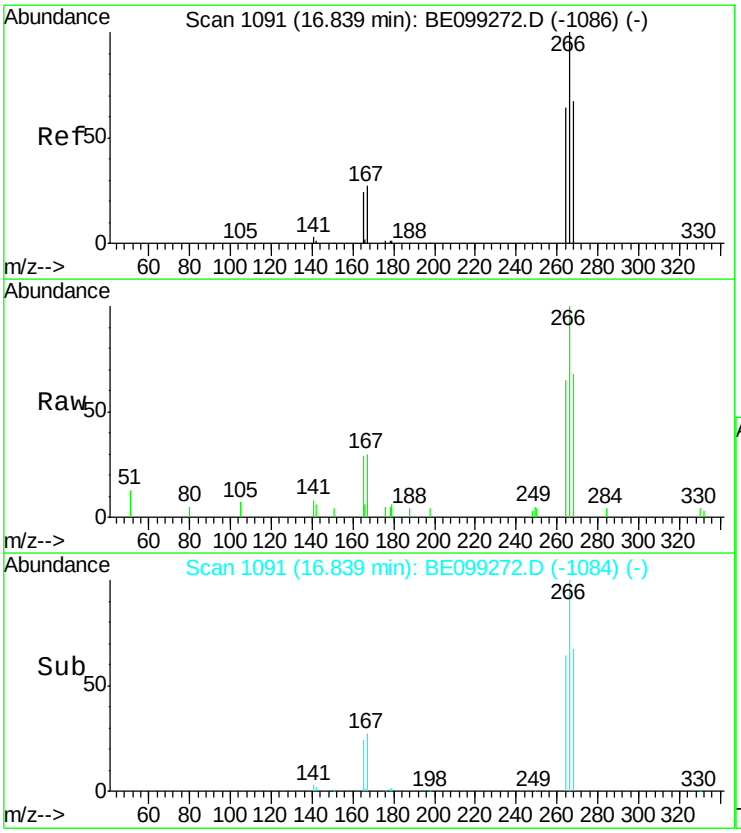
#21
Hexachlorobenzene
Concen: 0.342 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 5498

Ion	Ratio	Lower	Upper
284	100		
142	26.2	21.0	31.6
249	33.9	27.0	40.6

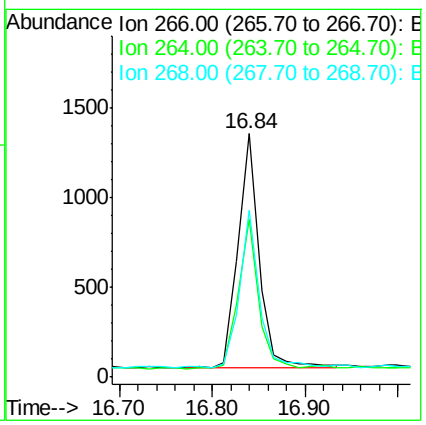


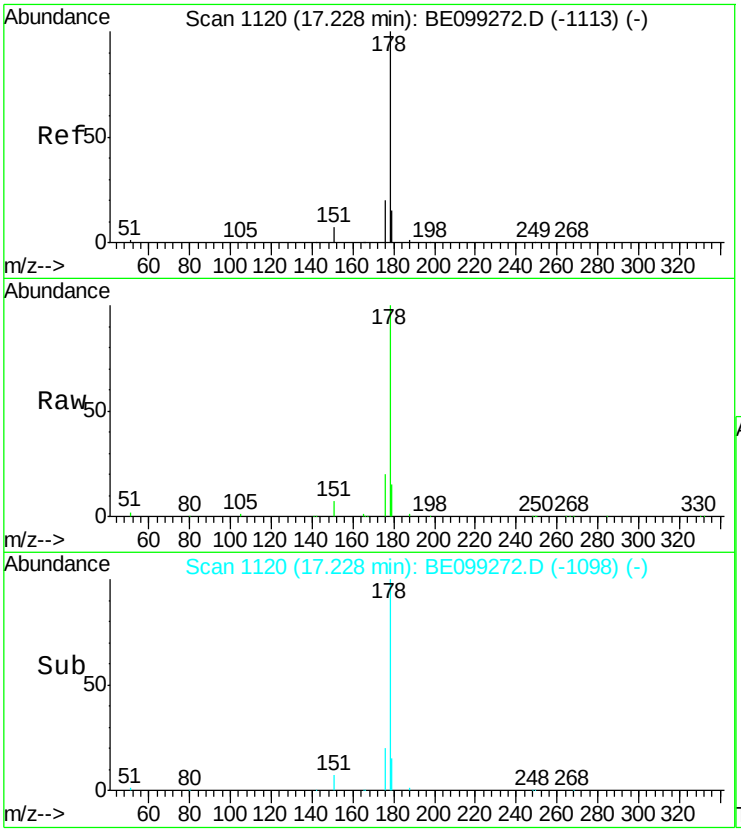


#22
Pentachlorophenol
Concen: 0.953 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:266 Resp: 2016

Ion	Ratio	Lower	Upper
266	100		
264	64.8	51.8	77.8
268	68.4	54.7	82.1



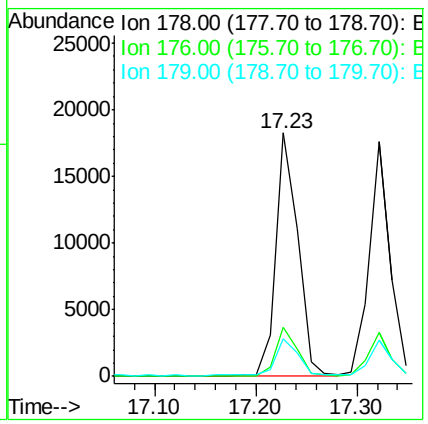


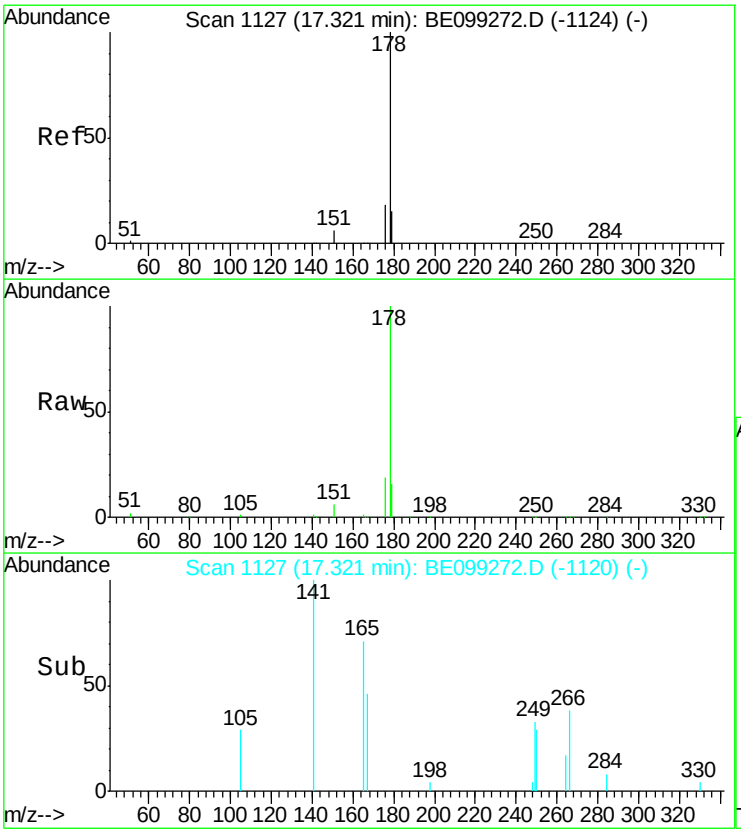
#23
Phenanthrene
Concen: 0.357 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 27002

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.3	18.5

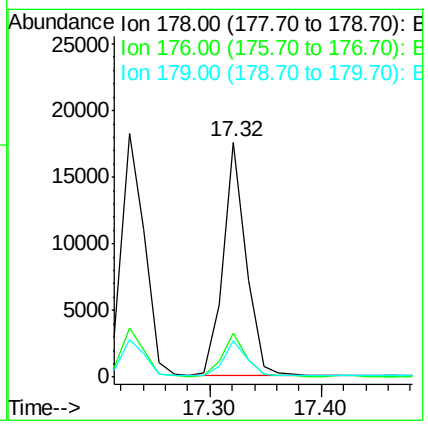


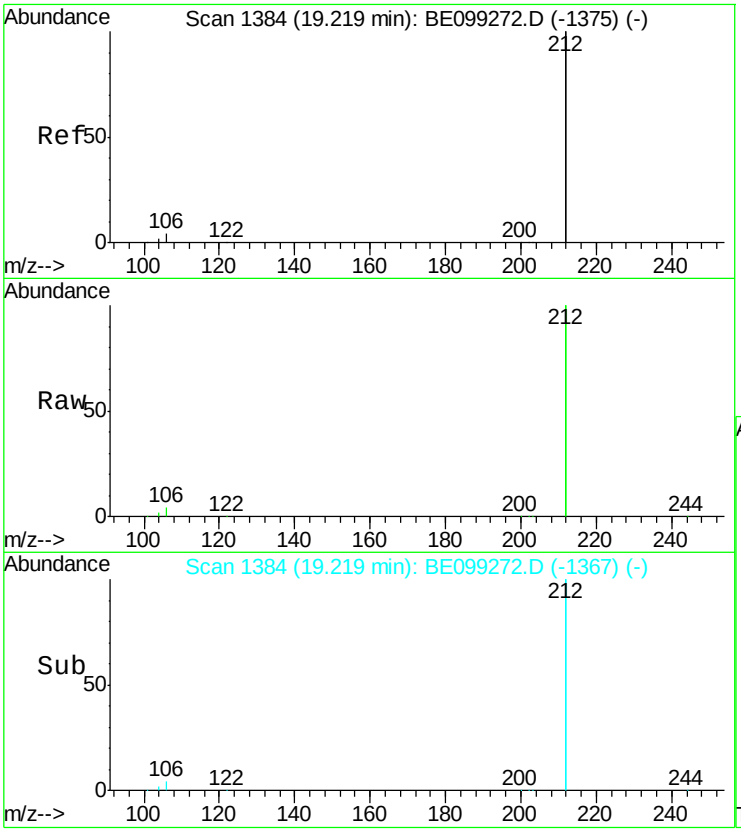


#24
Anthracene
Concen: 0.366 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:178 Resp: 25030

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.5	12.3	18.5



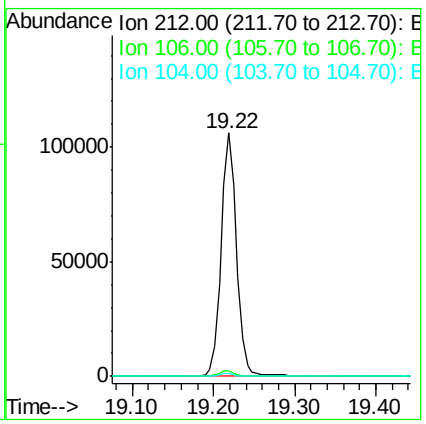


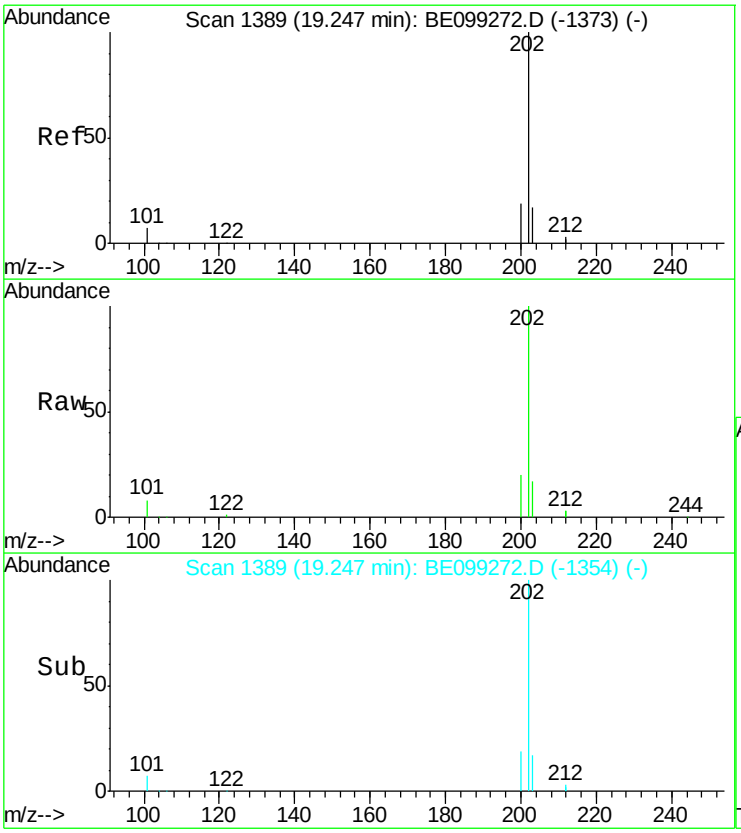
#25
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 137657

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

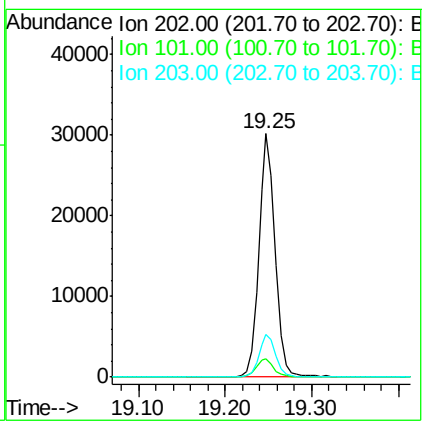


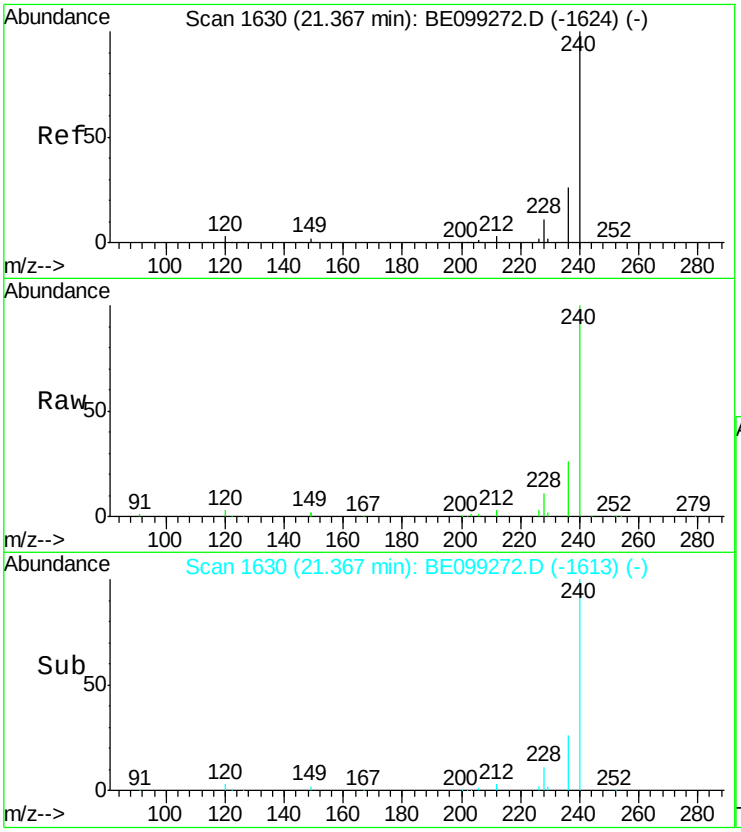


#26
Fluoranthene
Concen: 0.410 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:202 Resp: 39588

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



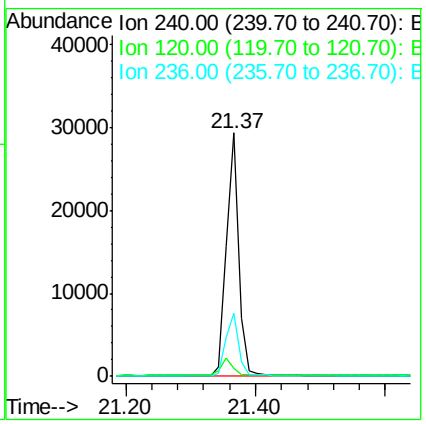


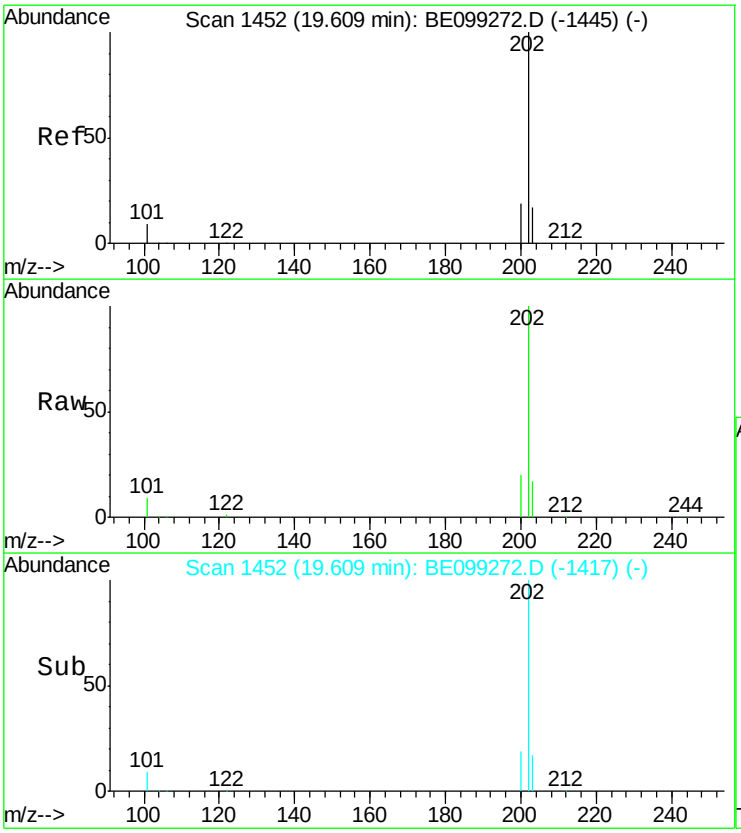
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 39738

Ion	Ratio	Lower	Upper
240	100		
120	3.4	2.7	4.1
236	25.9	20.7	31.1

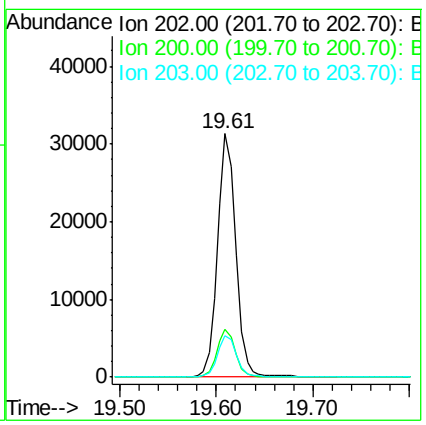


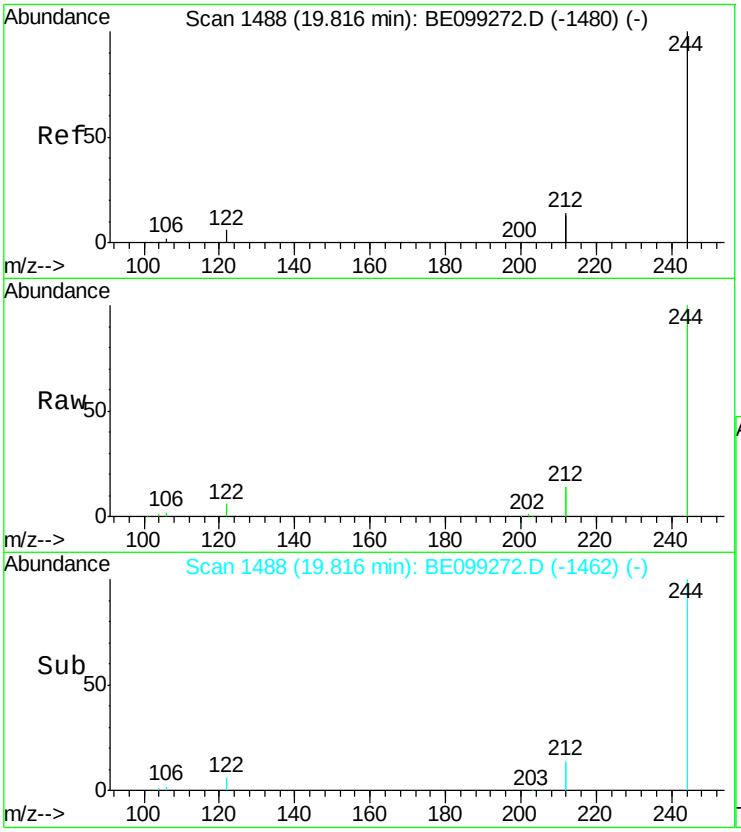


#28
Pyrene
Concen: 0.312 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:202 Resp: 41185

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.4	13.9	20.9



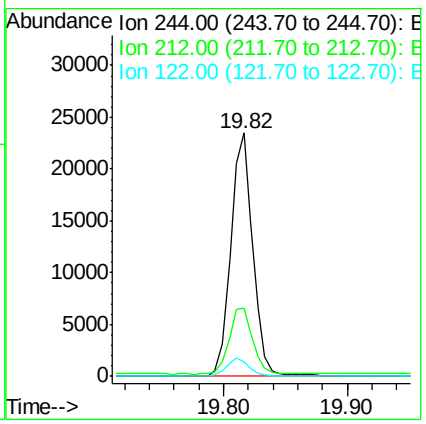


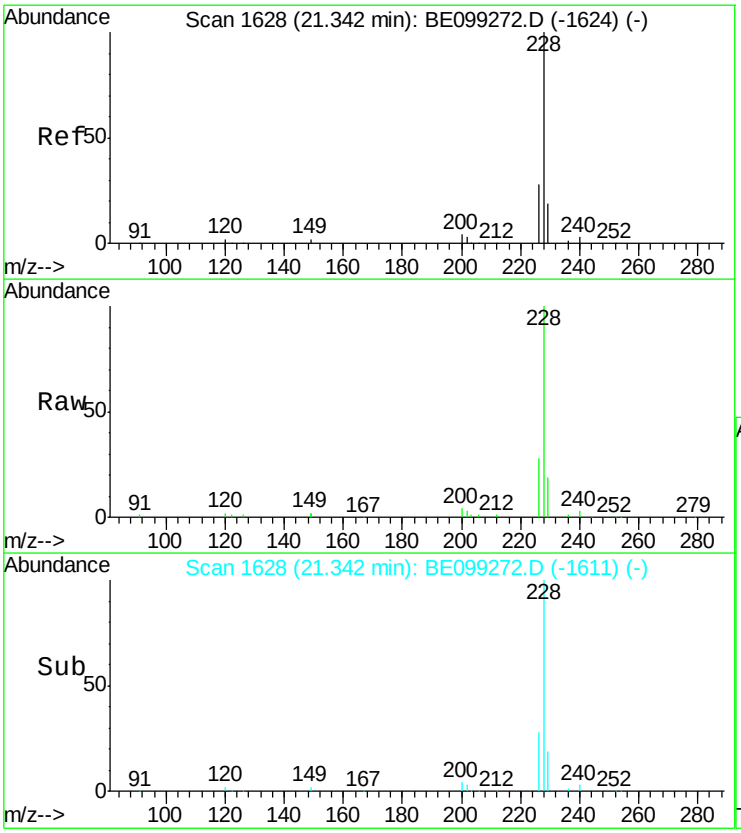
#29
Terphenyl-d14
Concen: 0.333 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 28766

Ion	Ratio	Lower	Upper
244	100		
212	28.2	22.6	33.8
122	5.8	4.6	7.0

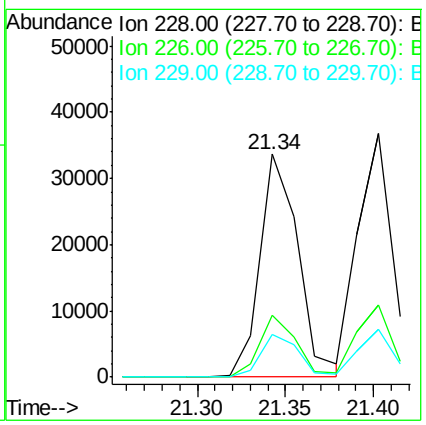


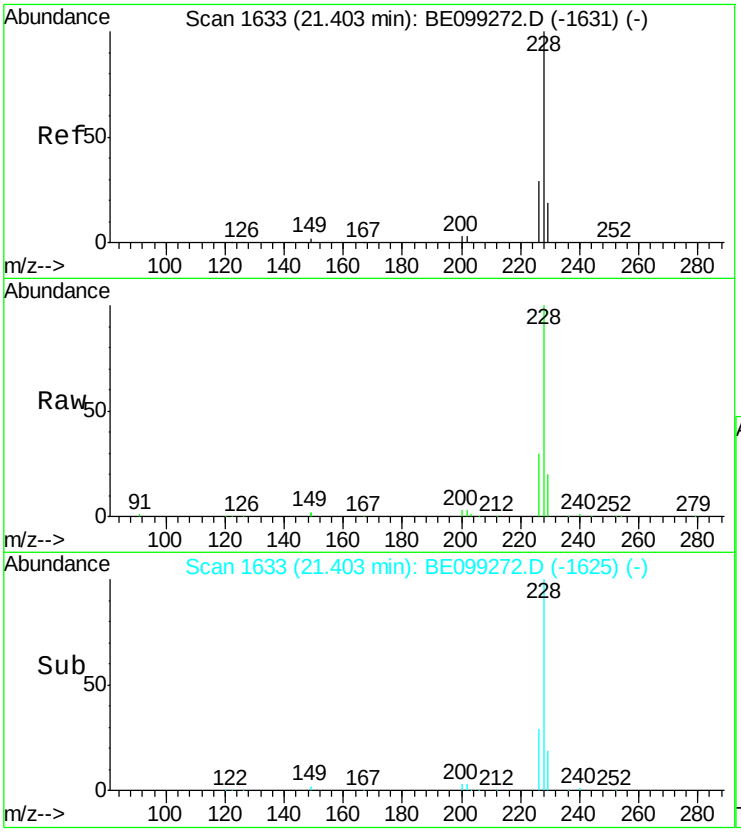


#30
Benzo(a)anthracene
Concen: 0.382 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:228 Resp: 50121

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.2	15.4	23.0



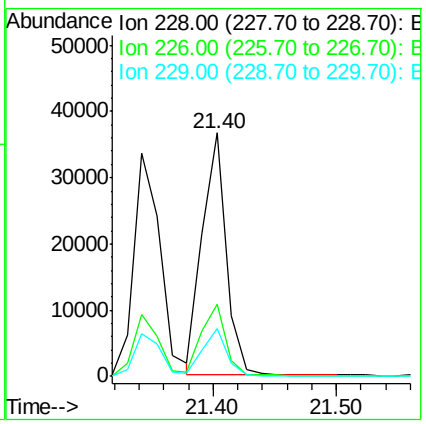


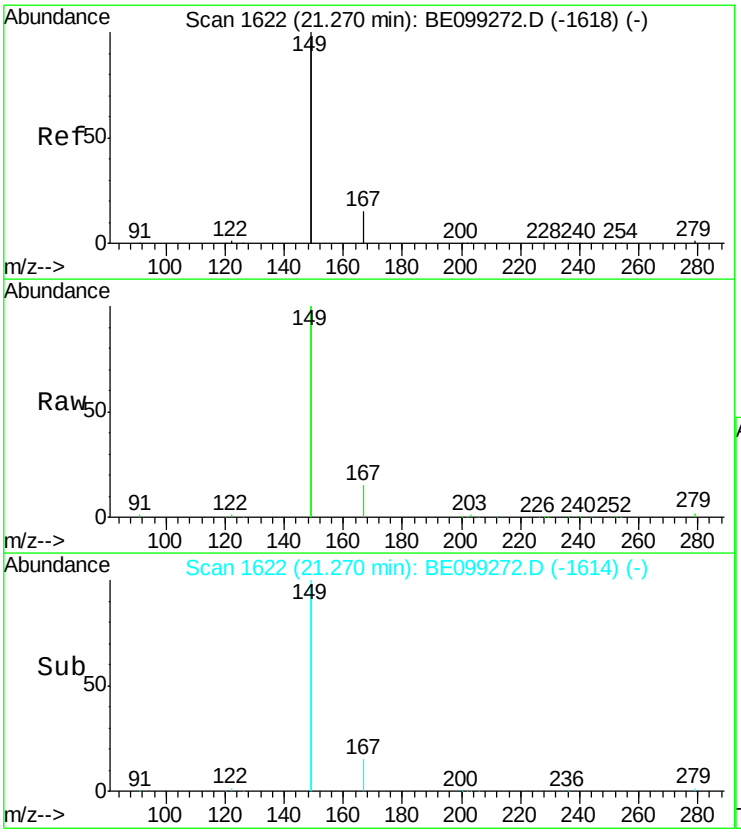
#31
Chrysene
Concen: 0.353 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 49459

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	19.5	15.6	23.4

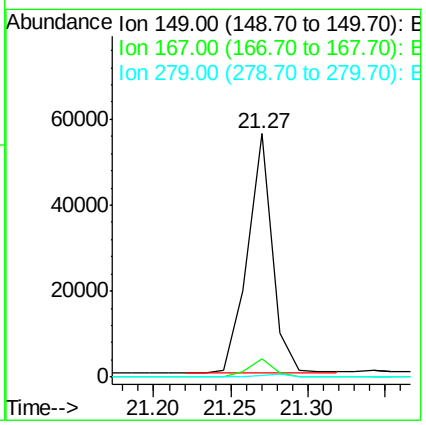


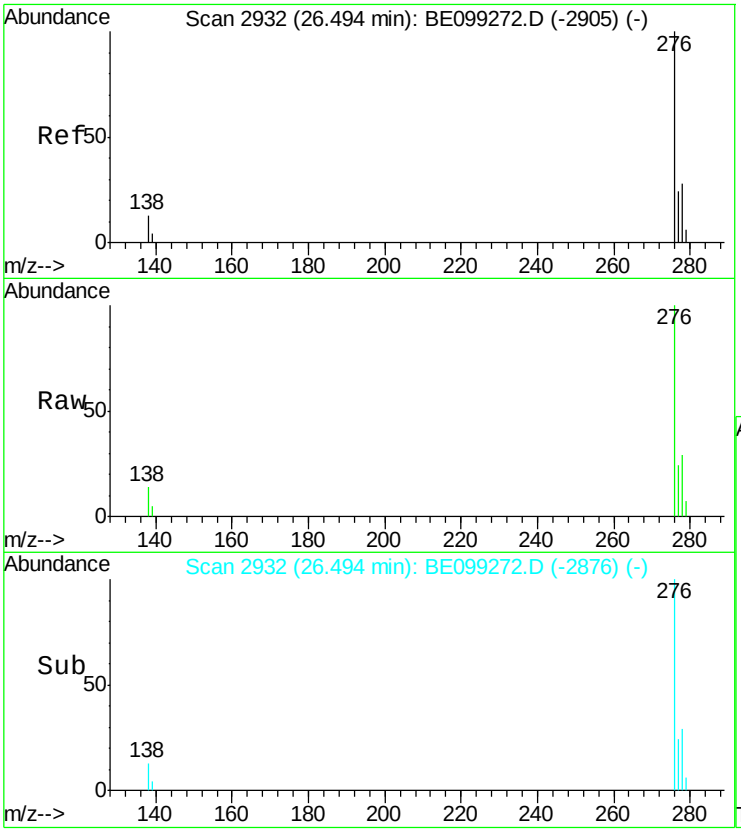


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.394 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:149 Resp: 61578

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.1	9.1
279	1.2	1.0	1.4



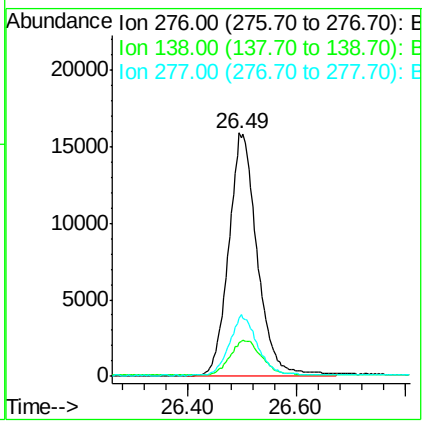


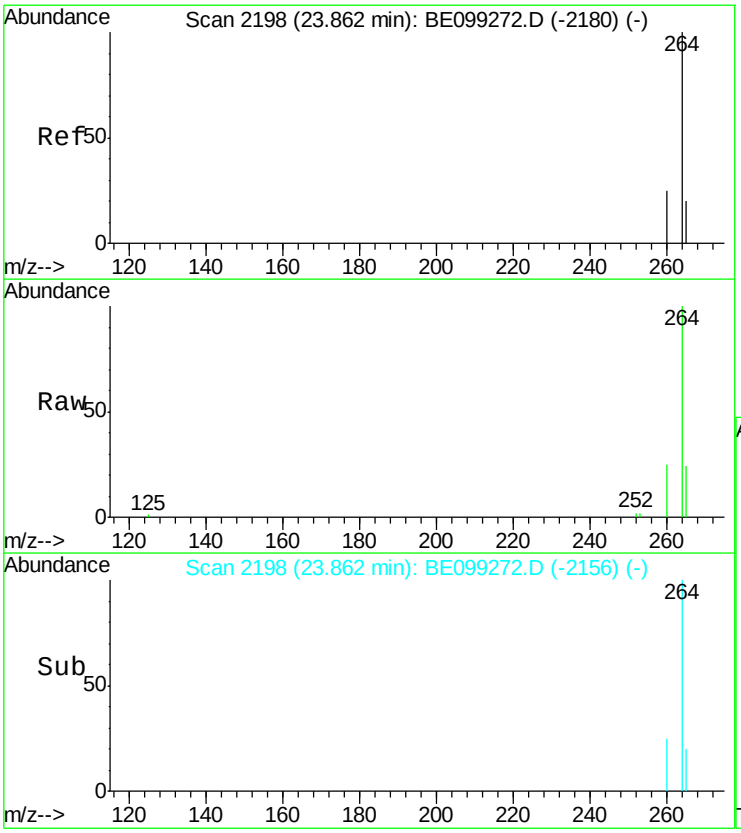
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng
RT: 26.49 min Scan# 2932
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 57700

Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.6	18.8
277	24.3	19.4	29.2

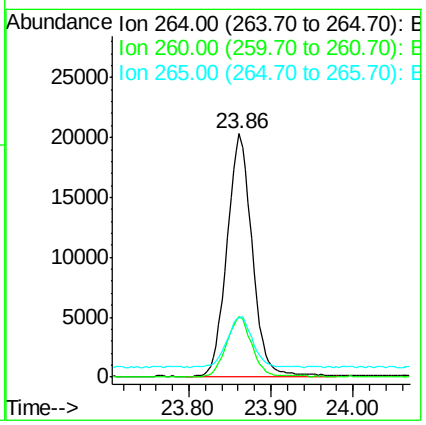


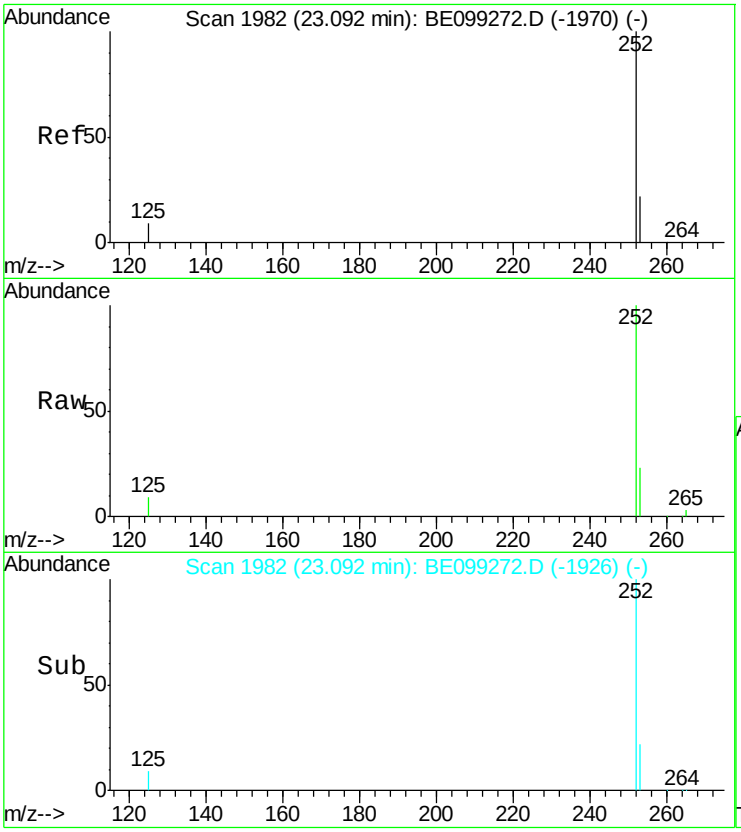


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:264 Resp: 42895

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	24.1	19.3	28.9



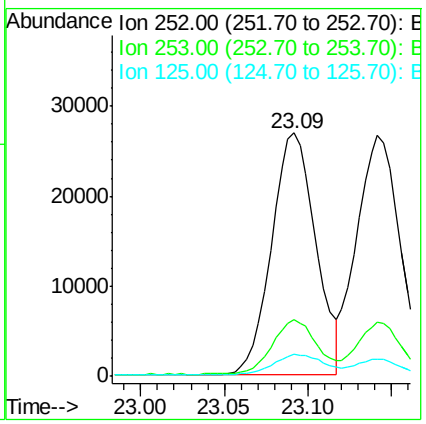


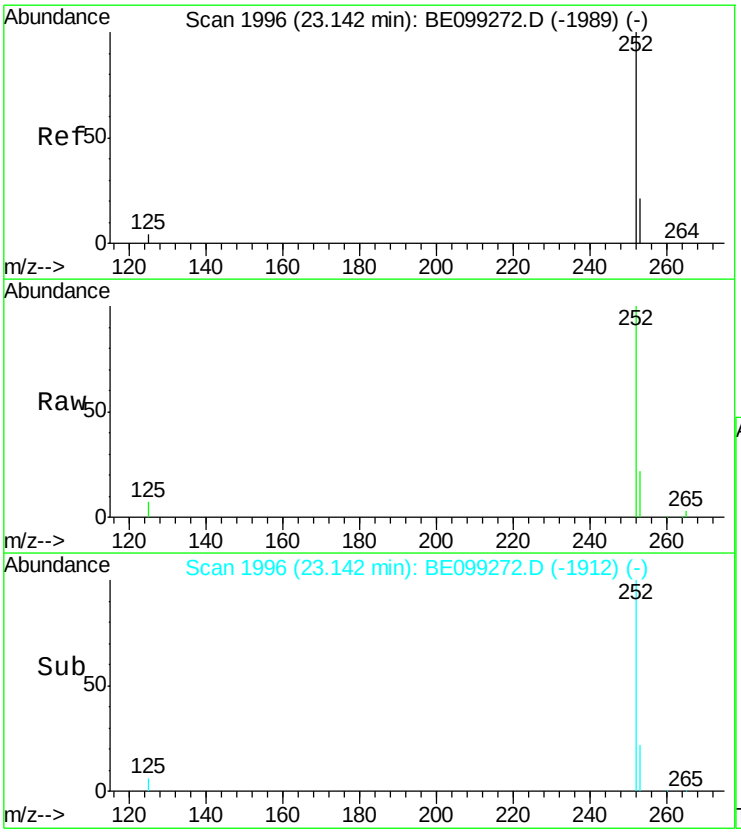
#35
Benzo(b)fluoranthene
Concen: 0.351 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 49480

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	27.8
125	9.3	7.4	11.2

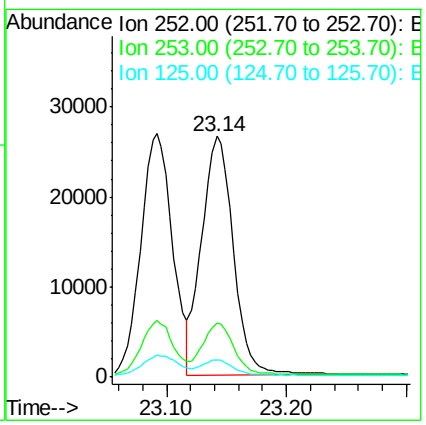


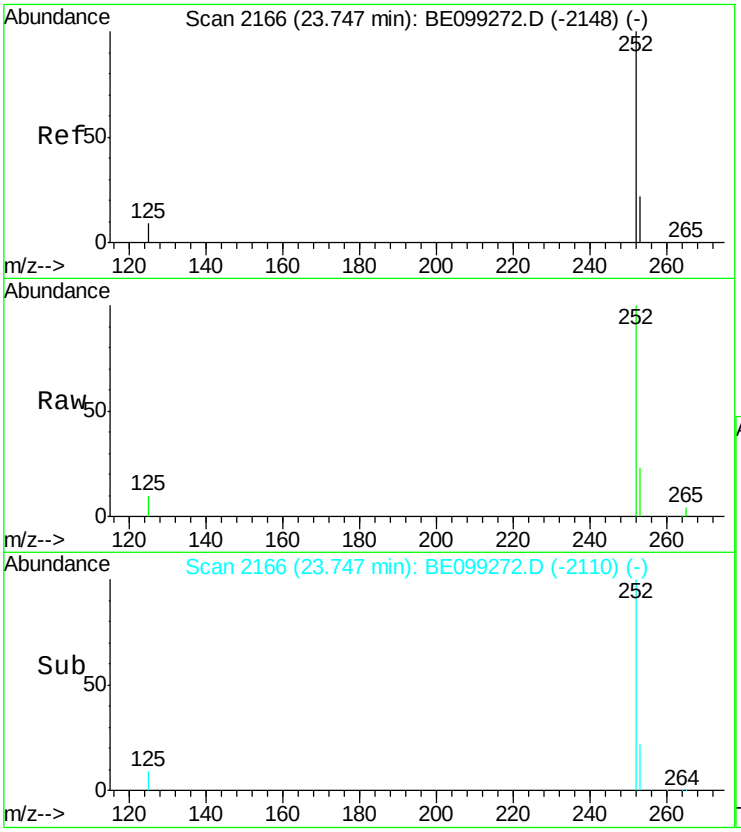


#36
Benzo(k)fluoranthene
Concen: 0.326 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:252 Resp: 48675

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	7.2	5.8	8.6



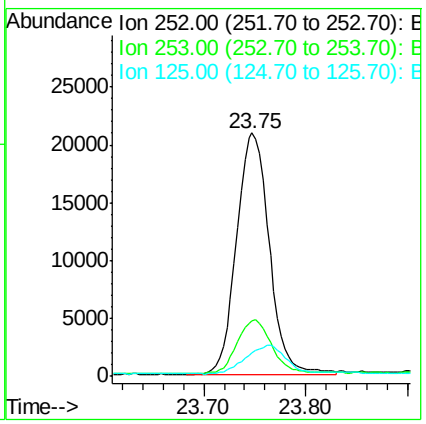


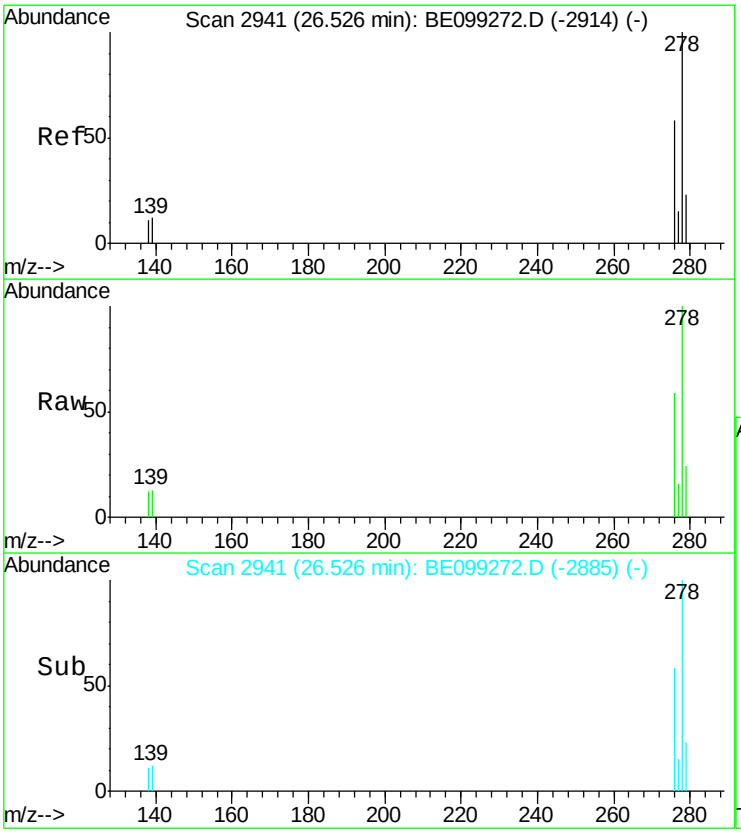
#37
Benzo(a)pyrene
Concen: 0.354 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 46631

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	9.8	7.8	11.8

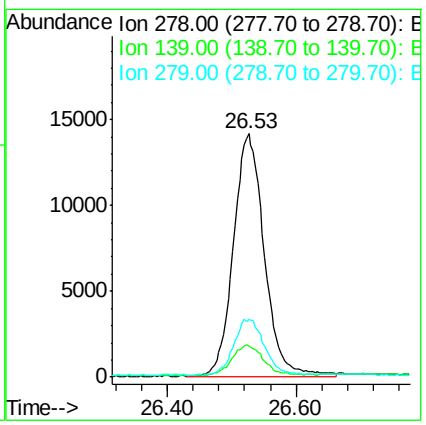


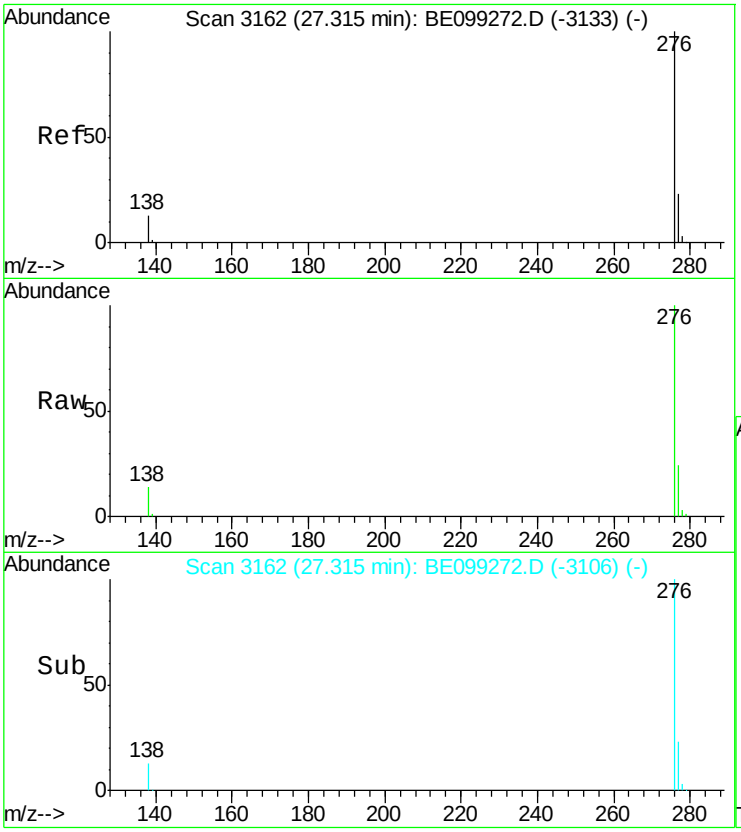


#38
Dibenzo(a,h)anthracene
Concen: 0.402 ng
RT: 26.53 min Scan# 2941
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Tgt Ion:278 Resp: 47026

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.2	15.2
279	23.7	19.0	28.4





#39
Benzo(g,h,i)perylene
Concen: 0.397 ng
RT: 27.31 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BE099272.D
Acq: 2 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 46626

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	14.0	11.2	16.8