Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
Data File : BE099560.D
Acq On : 7 May 2019 10:49
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: May 07 13:44:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 13:34:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1819	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	6630	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	4894	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	13938	0.40	ng		0.00
27) Chrysene-d12	21.43	240	18601	0.40	ng		0.00
34) Perylene-d12	23.98	264	21688	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1810	0.36	ng		0.00
5) Phenol-d6	6.98	99	2424	0.36	ng		0.00
8) Nitrobenzene-d5	8.98	82	2284	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	4127	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	1120	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	6475	0.35	ng		0.00
25) Fluoranthene-d10	19.28	212	66606	0.35	ng		0.00
29) Terphenyl-d14	19.87	244	13564	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	844	0.337	ng		100
3) n-Nitrosodimethylamine	3.64	42	614	0.407	ng	#	98
6) bis(2-Chloroethyl)ether	7.24	93	1972	0.342	ng		100
9) Naphthalene	10.68	128	25381	0.351	ng		100
10) Hexachlorobutadiene	10.95	225	1838	0.366	ng		100
12) 2-Methylnaphthalene	12.31	142	4348	0.346	ng		100
16) Acenaphthylene	14.21	152	8334	0.348	ng		100
17) Acenaphthene	14.56	154	4715	0.345	ng		100
18) Fluorene	15.53	166	6768	0.335	ng		100
20) 4-Bromophenyl-phenylether	16.42	248	2784	0.343	ng		100
21) Hexachlorobenzene	16.55	284	2848	0.368	ng		100
22) Pentachlorophenol	16.89	266	1043	0.299	ng		100
23) Phenanthrene	17.28	178	12383	0.344	ng		100
24) Anthracene	17.38	178	11600	0.338	ng		100
26) Fluoranthene	19.31	202	18973	0.352	ng		100
28) Pyrene	19.67	202	19685	0.406	ng		100
30) Benzo(a)anthracene	21.41	228	22642	0.382	ng		100
31) Chrysene	21.46	228	22711	0.392	ng		100
32) Bis(2-ethylhexyl)phthalate	21.33	149	35594	0.345	ng		100
33) Indeno(1,2,3-cd)pyrene	26.68	276	26627	0.388	ng		100
35) Benzo(b)fluoranthene	23.19	252	21846	0.349	ng		100
36) Benzo(k)fluoranthene	23.24	252	21353	0.354	ng		100
37) Benzo(a)pyrene	23.86	252	20948	0.354	ng		100
38) Dibenzo(a,h)anthracene	26.71	278	21621	0.358	ng		100
39) Benzo(g,h,i)perylene	27.51	276	21969	0.363	ng		100

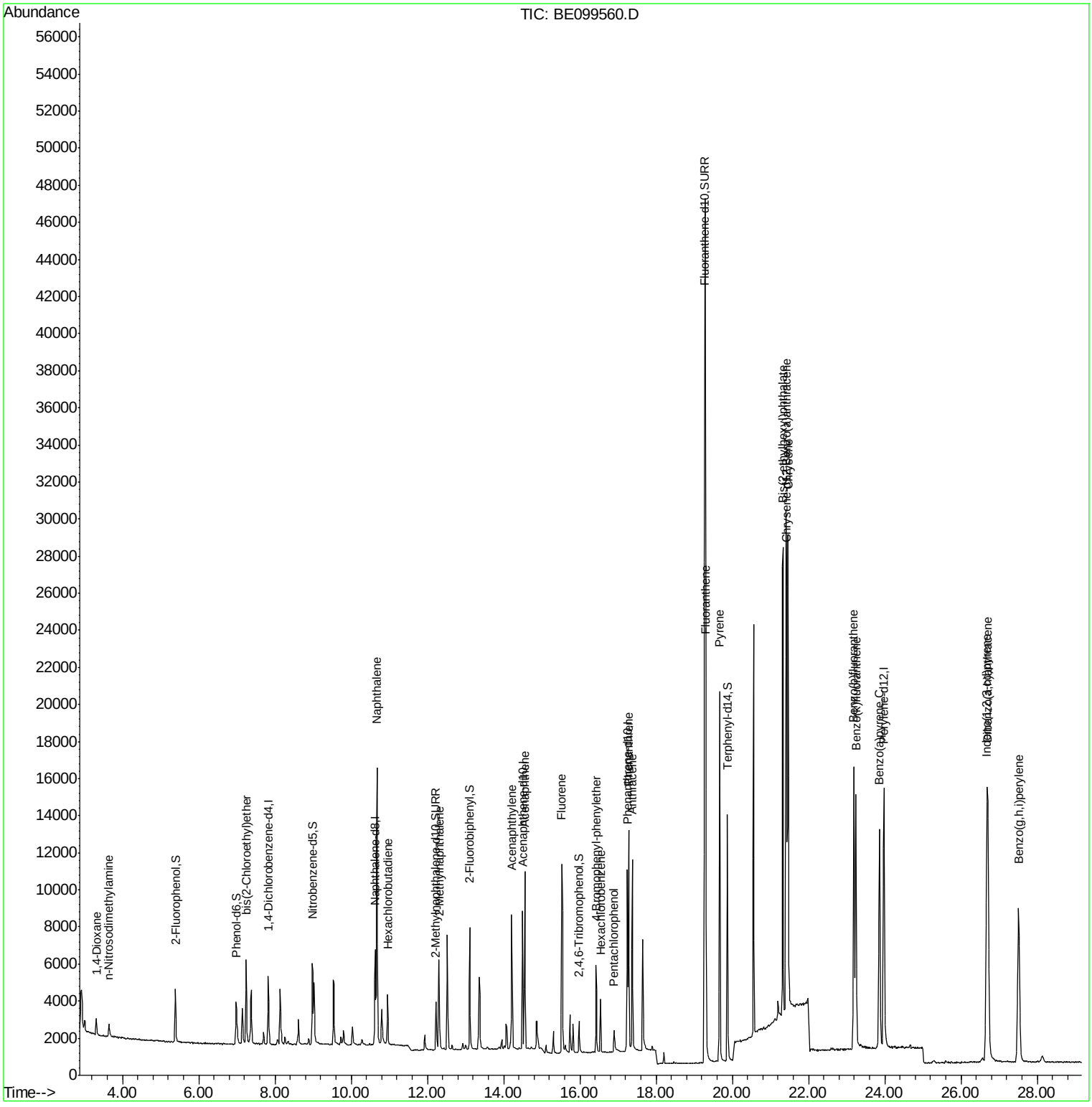
(#) = qualifier out of range (m) = manual integration (+) = signals summed

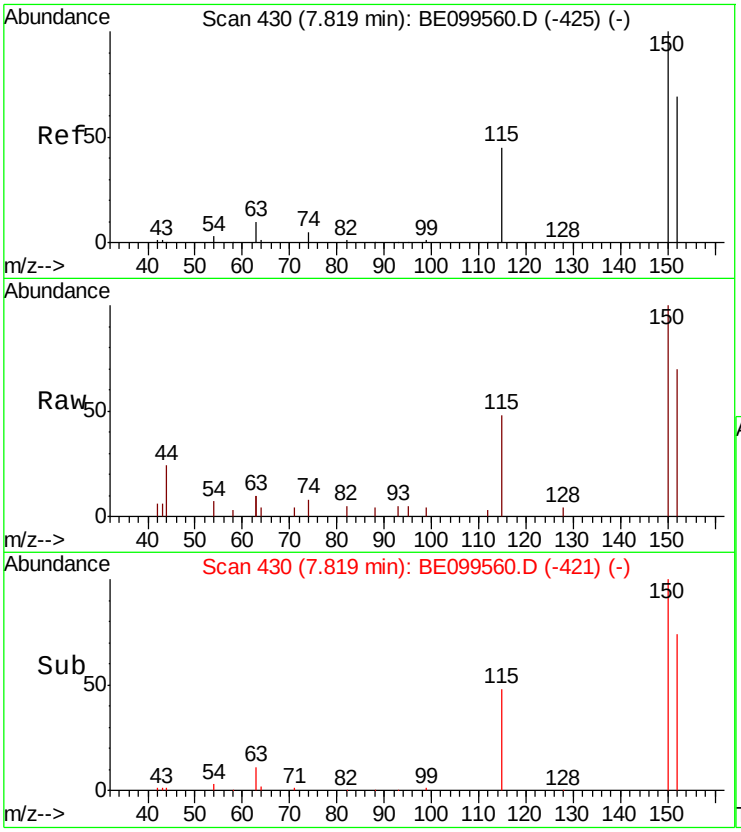
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
Data File : BE099560.D
Acq On : 7 May 2019 10:49
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: May 07 13:44:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 13:34:41 2019
Response via : Initial Calibration



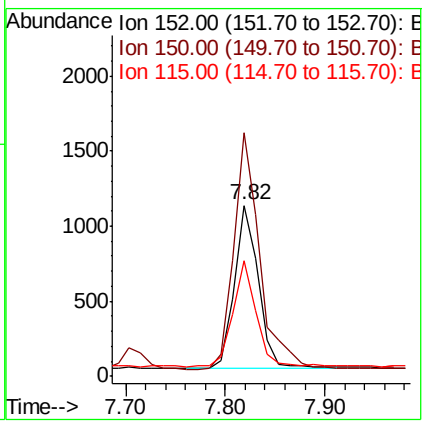


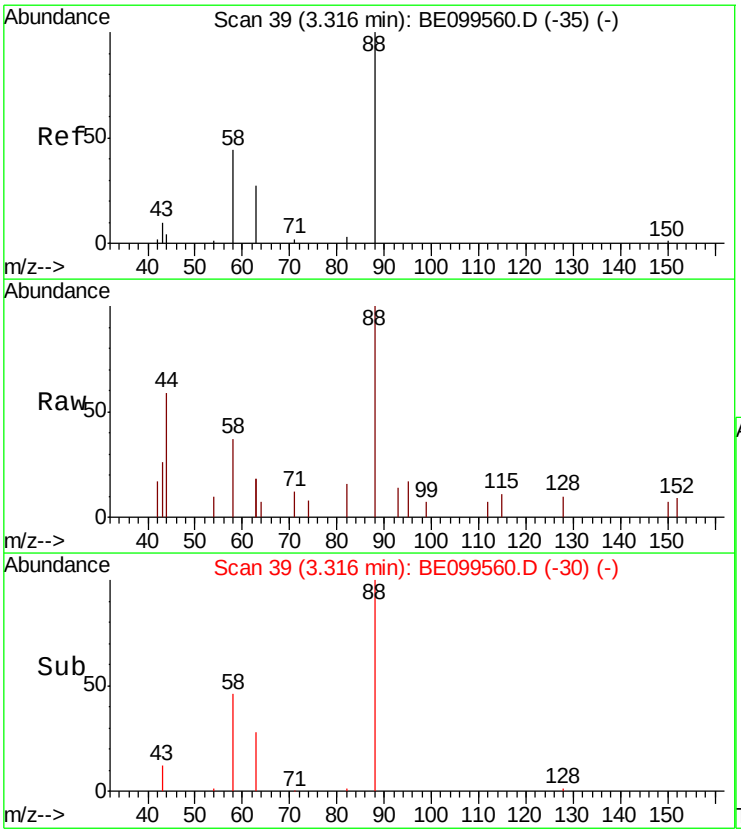
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1819

Ion	Ratio	Lower	Upper
152	100		
150	142.2	113.8	170.6
115	67.7	54.2	81.2

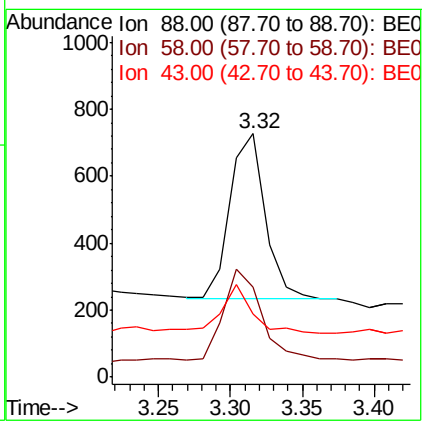


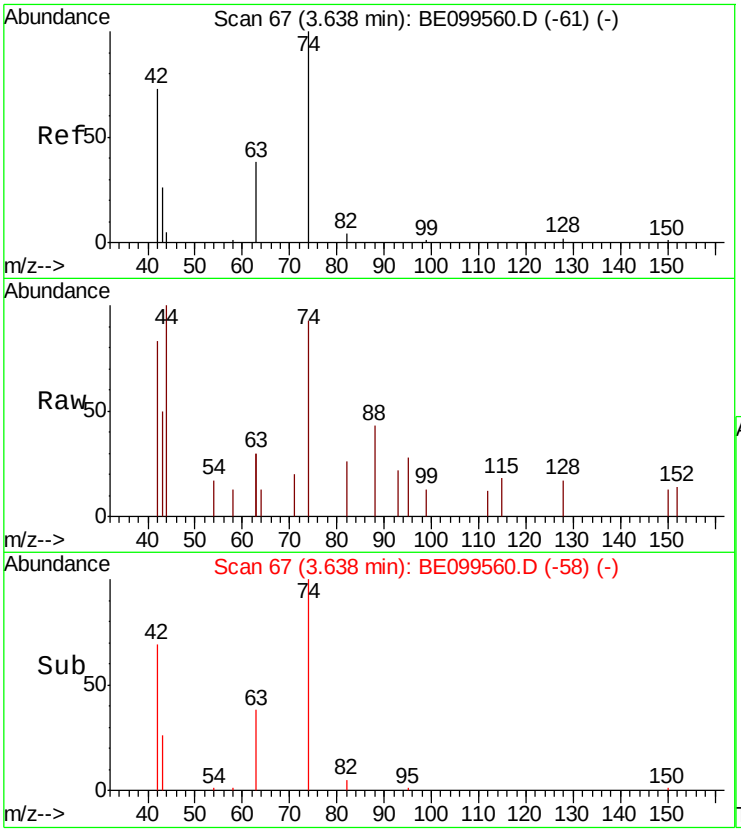


#2
1,4-Dioxane
Concen: 0.337 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion: 88 Resp: 844

Ion	Ratio	Lower	Upper
88	100		
58	58.2	46.6	69.8
43	25.4	20.3	30.5



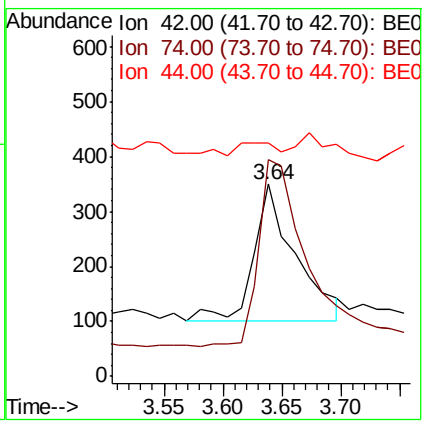


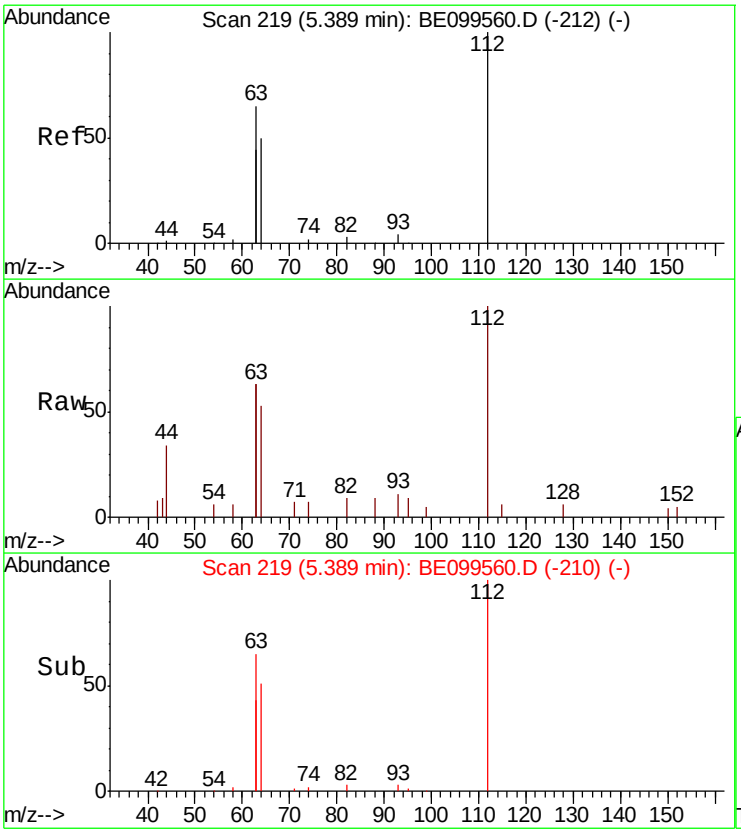
#3
n-Nitrosodimethylamine
Concen: 0.407 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 614

Ion	Ratio	Lower	Upper
42	100		
74	148.5	121.3	181.9
44	0.0	0.0	0.0

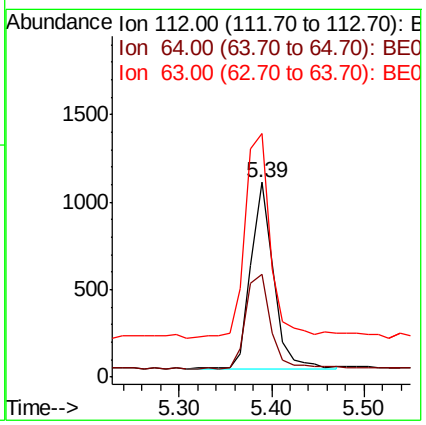


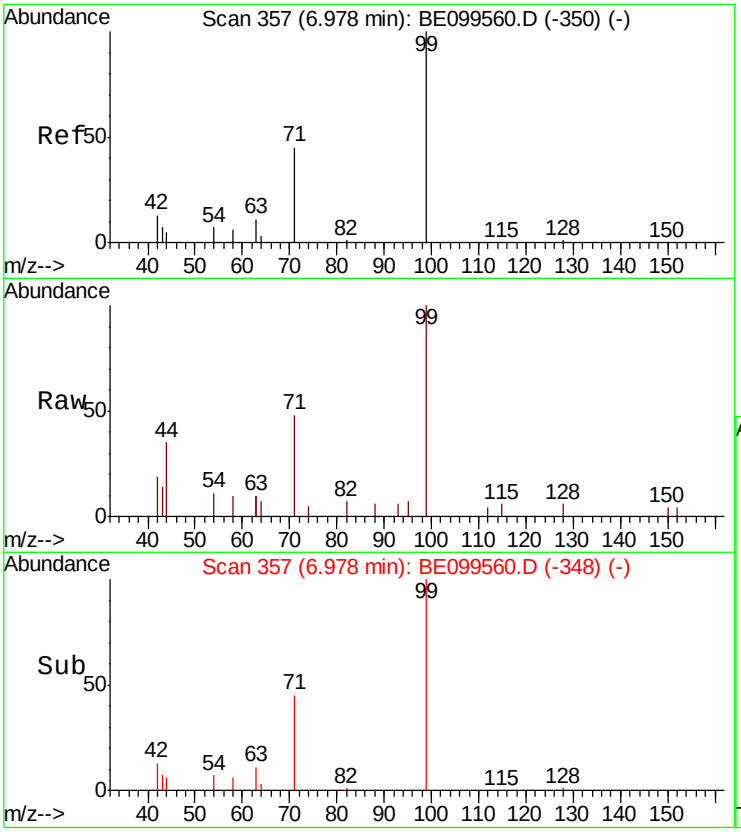


#4
2-Fluorophenol
Concen: 0.360 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:112 Resp: 1810

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.3	69.5
63	124.5	99.6	149.4



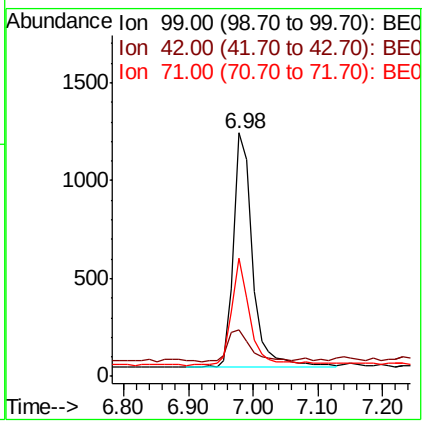


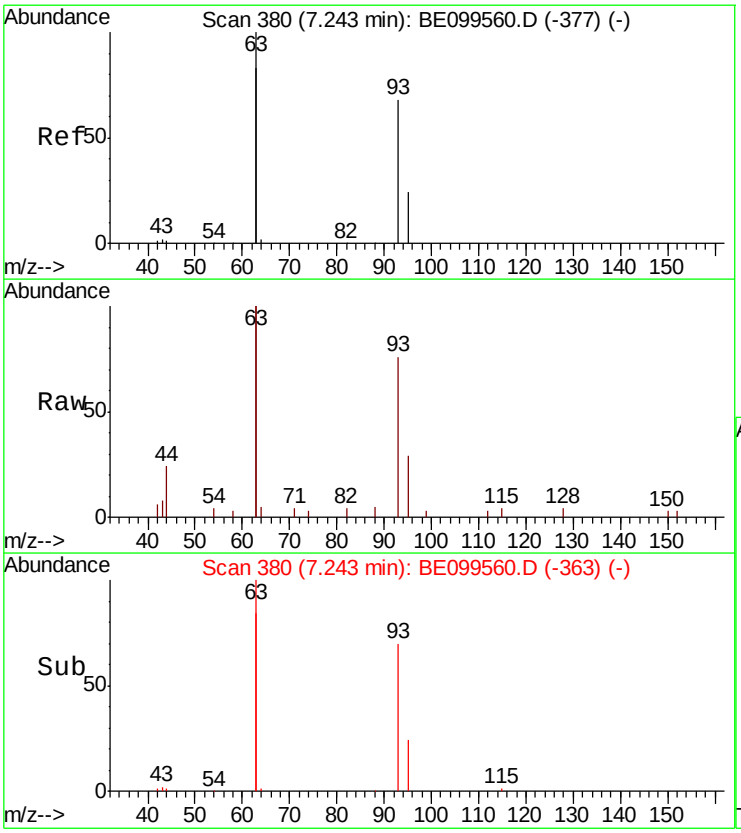
#5
Phenol-d6
Concen: 0.362 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 2424

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.4	20.0
71	42.7	34.2	51.2

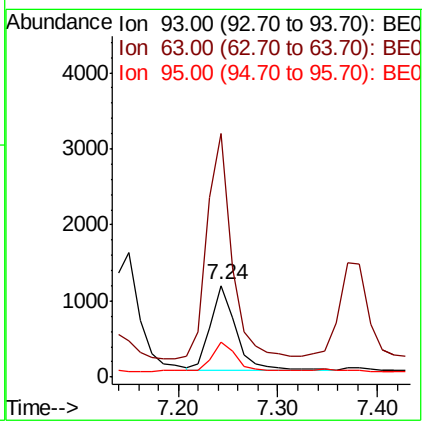


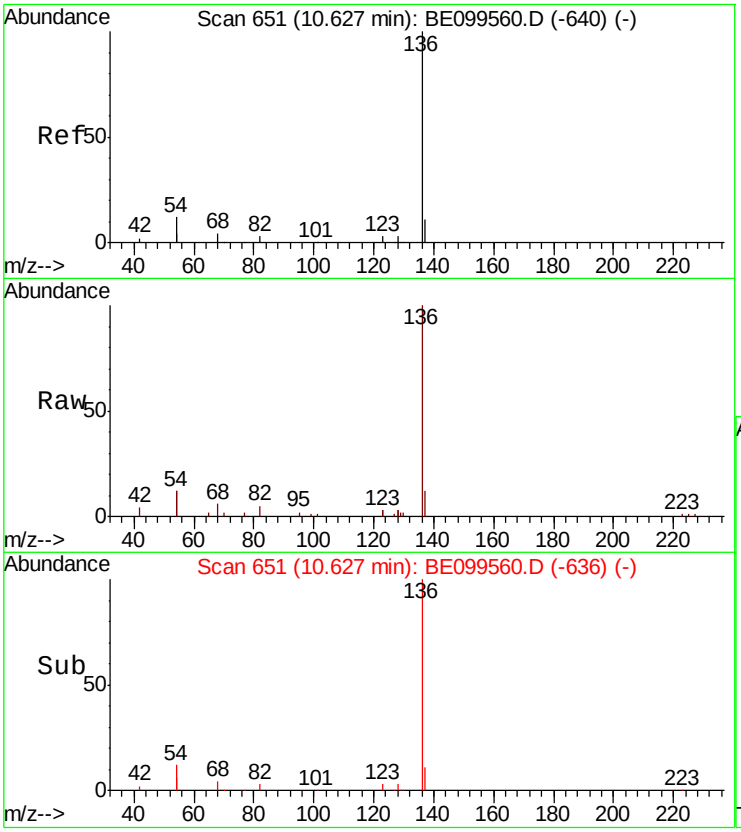


#6
bis(2-Chloroethyl)ether
Concen: 0.342 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion: 93 Resp: 1972

Ion	Ratio	Lower	Upper
93	100		
63	261.2	209.0	313.4
95	33.6	26.9	40.3



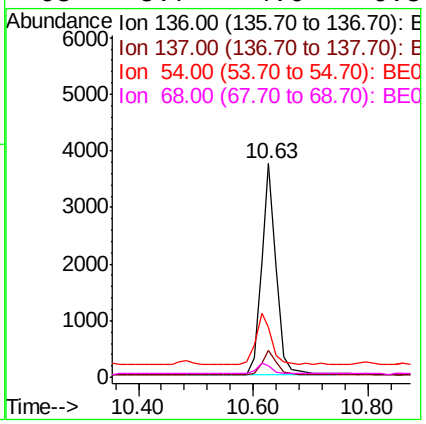


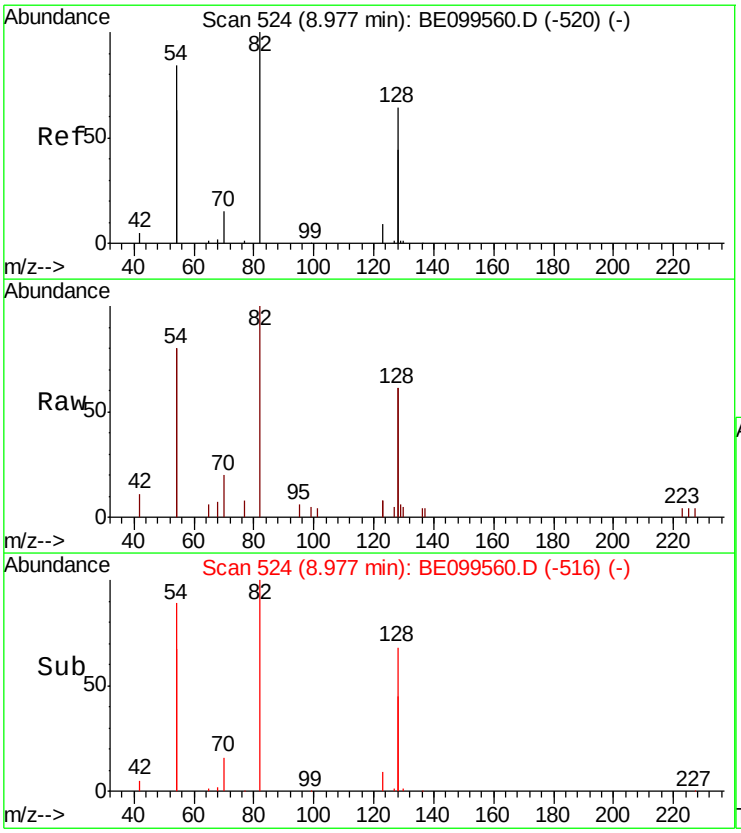
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 6630

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.0	15.0
54	23.3	18.6	28.0
68	5.7	4.6	6.8

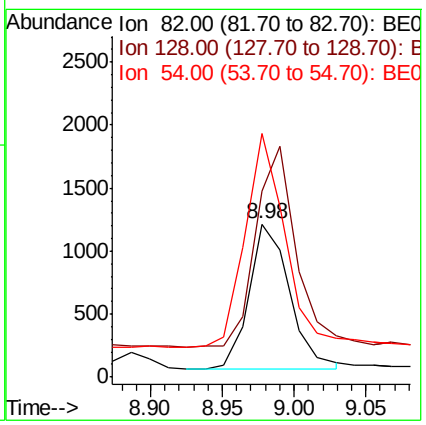


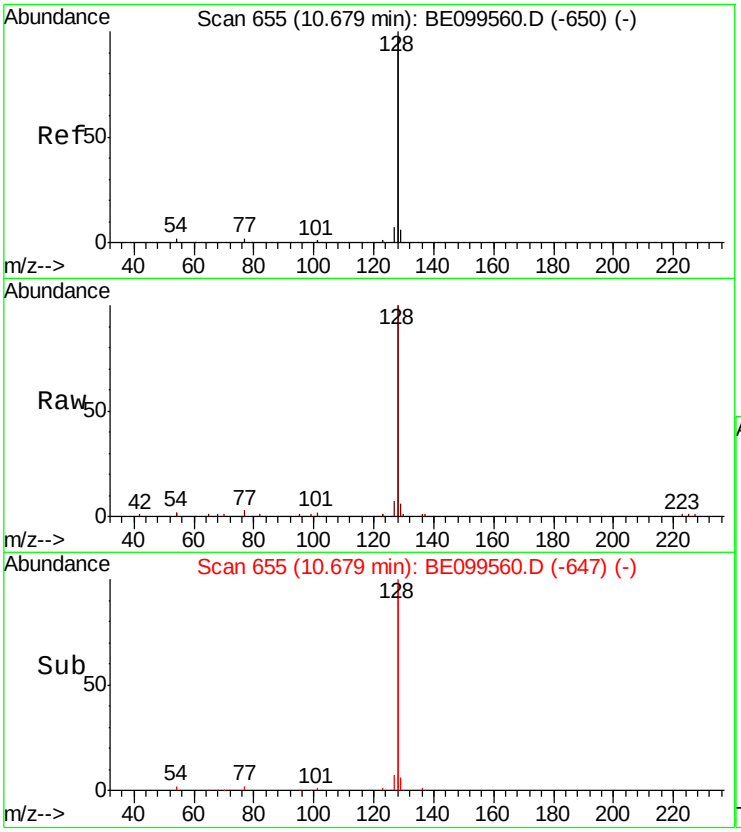


#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion: 82 Resp: 2284

Ion	Ratio	Lower	Upper
82	100		
128	122.0	97.6	146.4
54	159.3	127.4	191.2



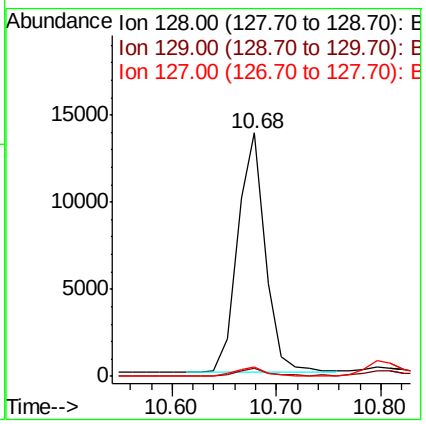


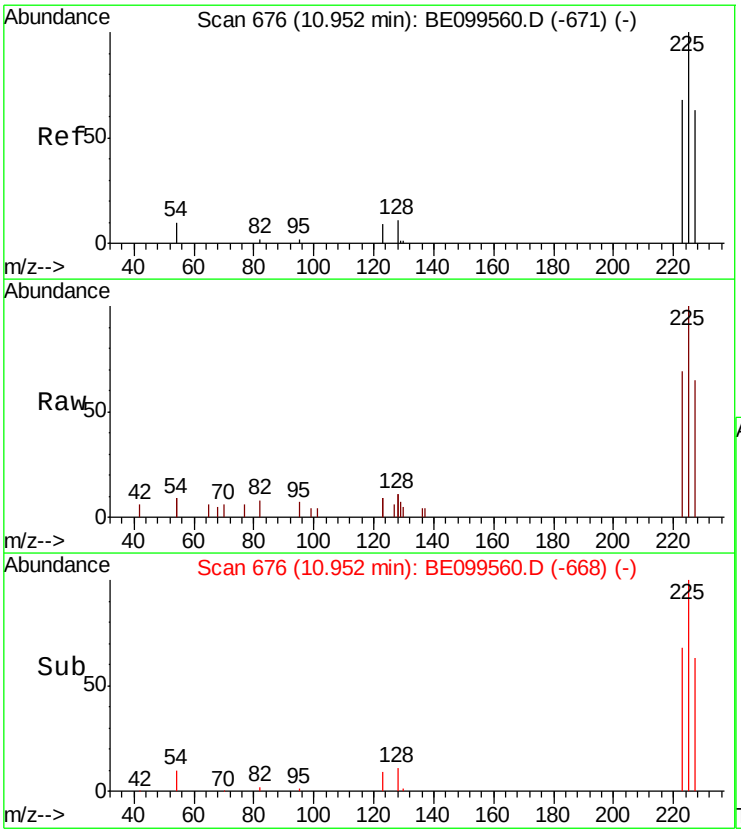
#9
Naphthalene
Concen: 0.351 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 25381

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.7	3.0	4.4

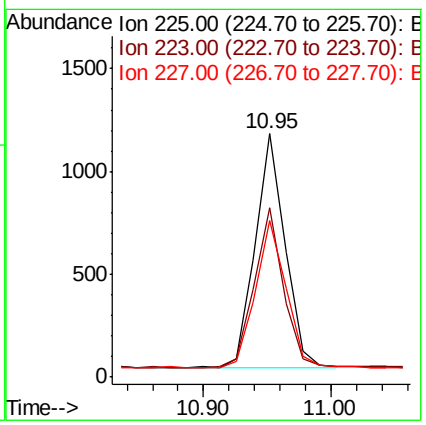


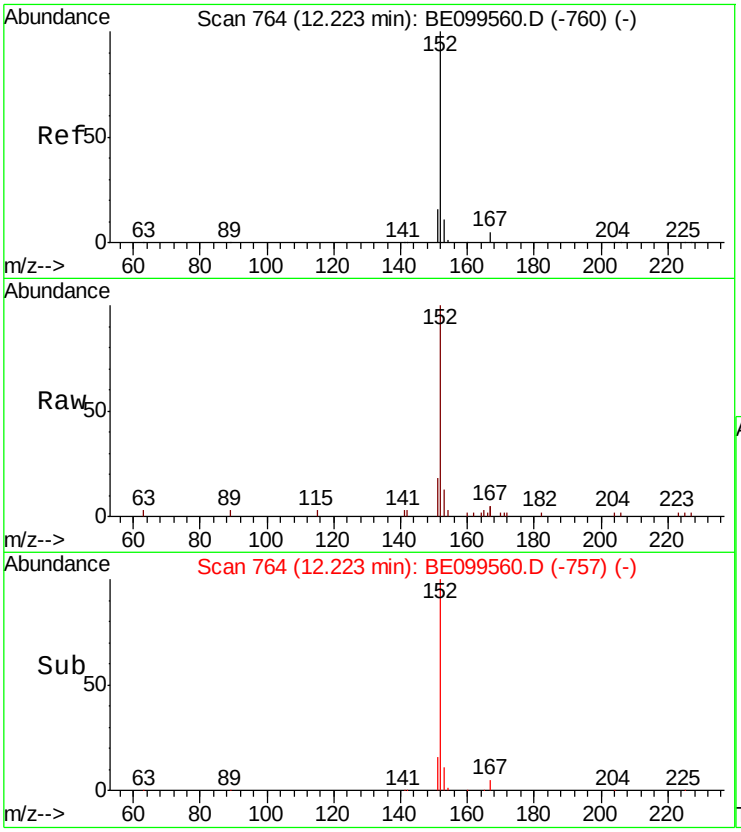


#10
Hexachlorobutadiene
Concen: 0.366 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:225 Resp: 1838

Ion	Ratio	Lower	Upper
225	100		
223	66.3	53.0	79.6
227	64.2	51.4	77.0



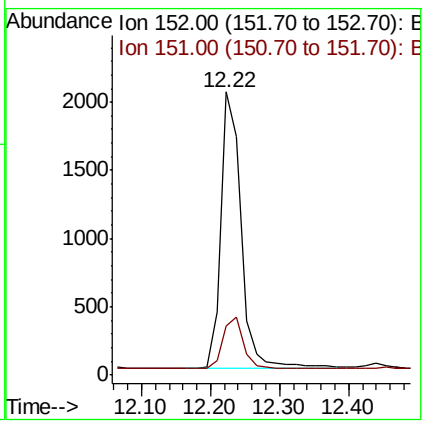


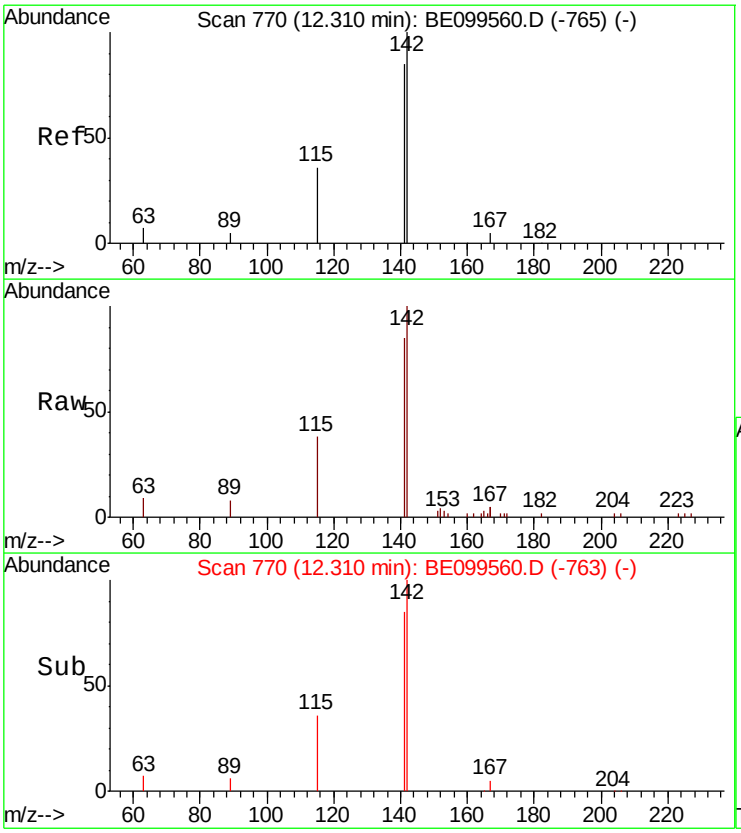
#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 4127

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8

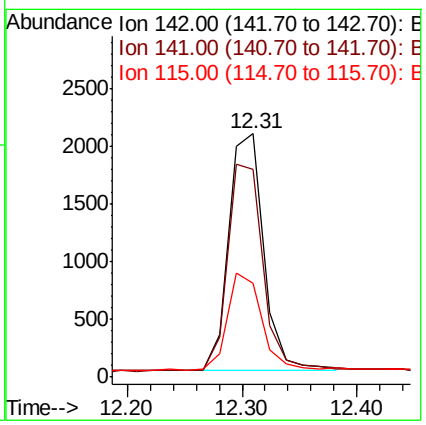


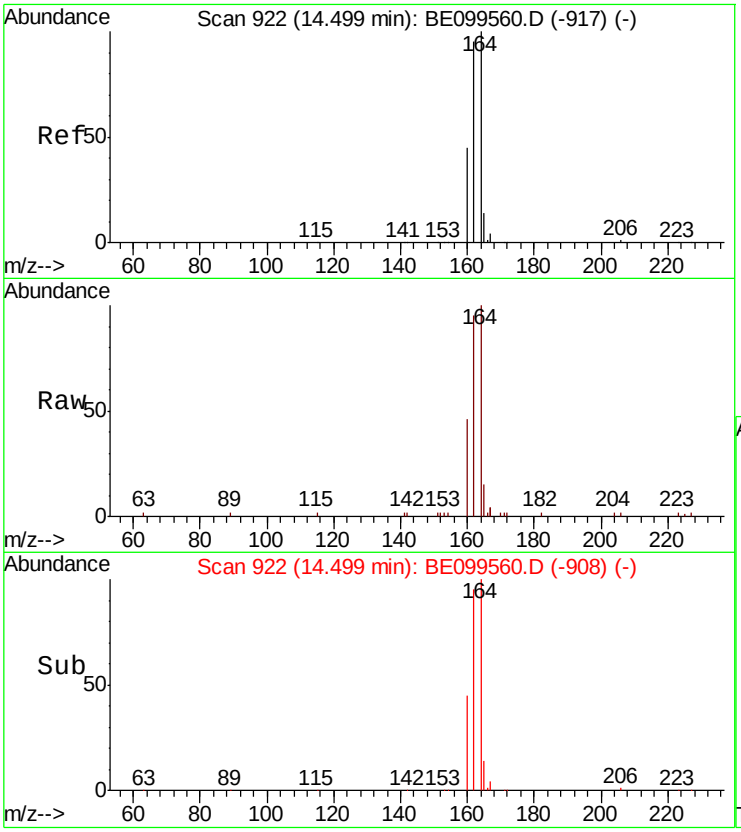


#12
2-Methylnaphthalene
Concen: 0.346 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:142 Resp: 4348

Ion	Ratio	Lower	Upper
142	100		
141	85.1	68.1	102.1
115	38.5	30.8	46.2



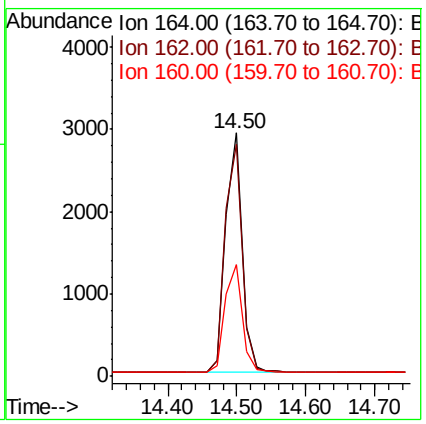


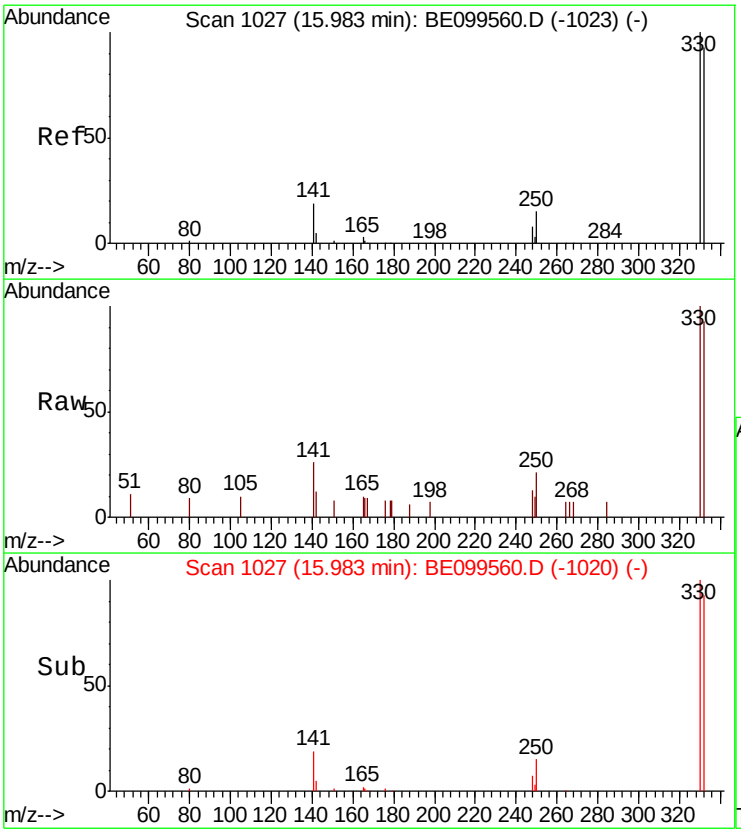
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 4894

Ion	Ratio	Lower	Upper
164	100		
162	95.5	76.4	114.6
160	45.8	36.6	55.0

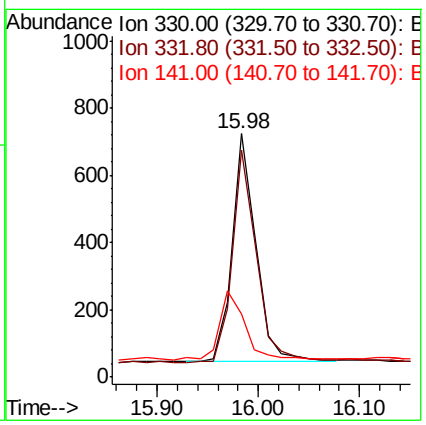


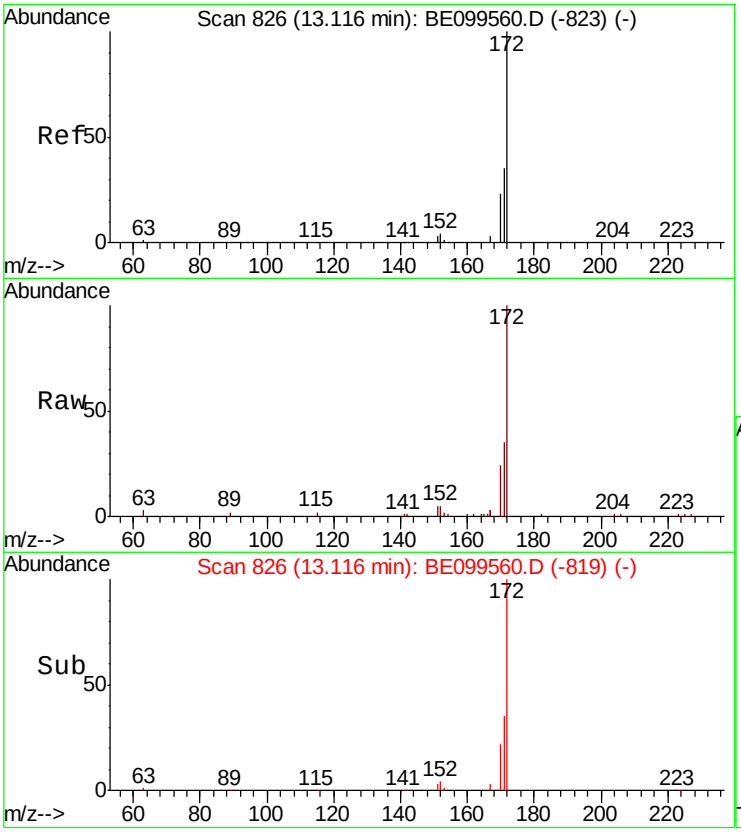


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:330 Resp: 1120

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	32.6	26.1	39.1



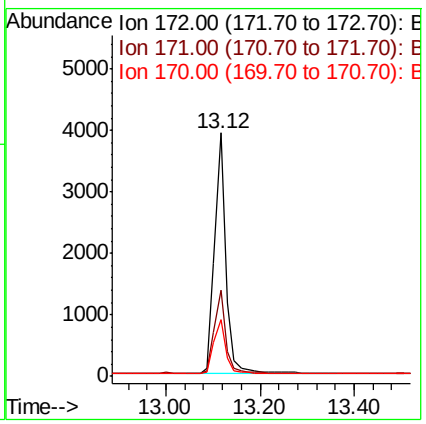


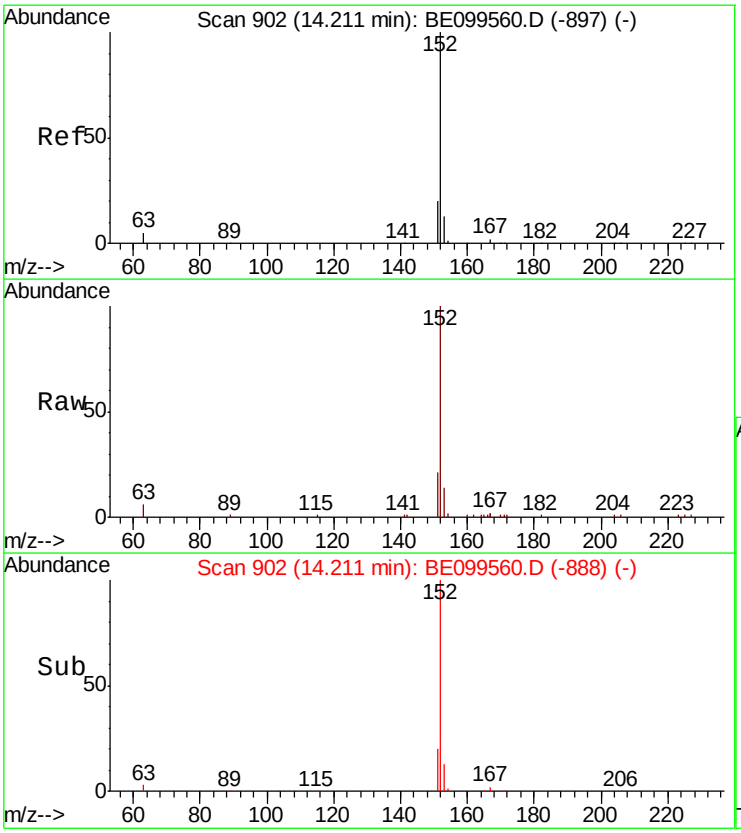
#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 6475

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.5	18.8	28.2

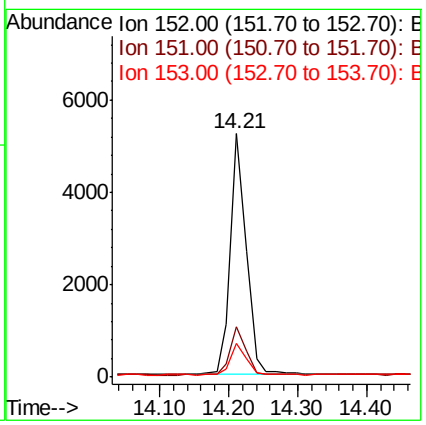


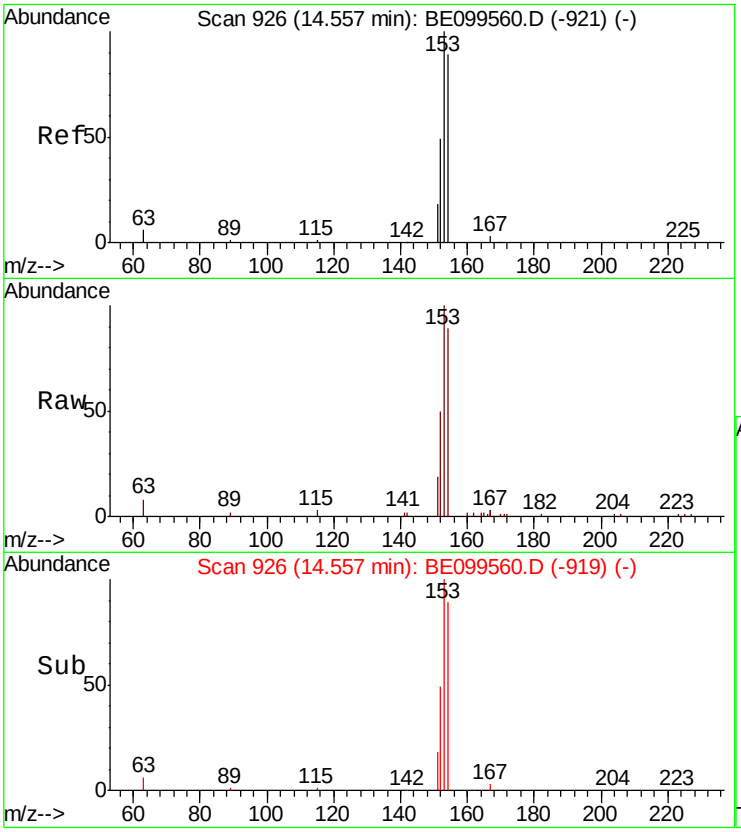


#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:152 Resp: 8334

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.1	10.5	15.7



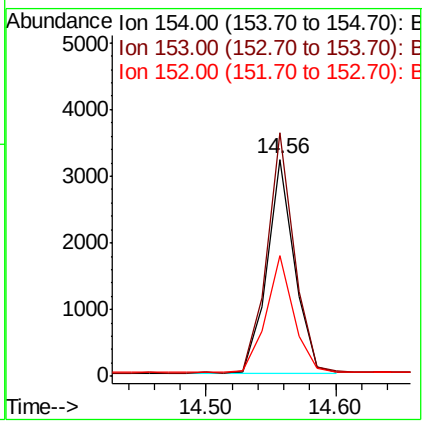


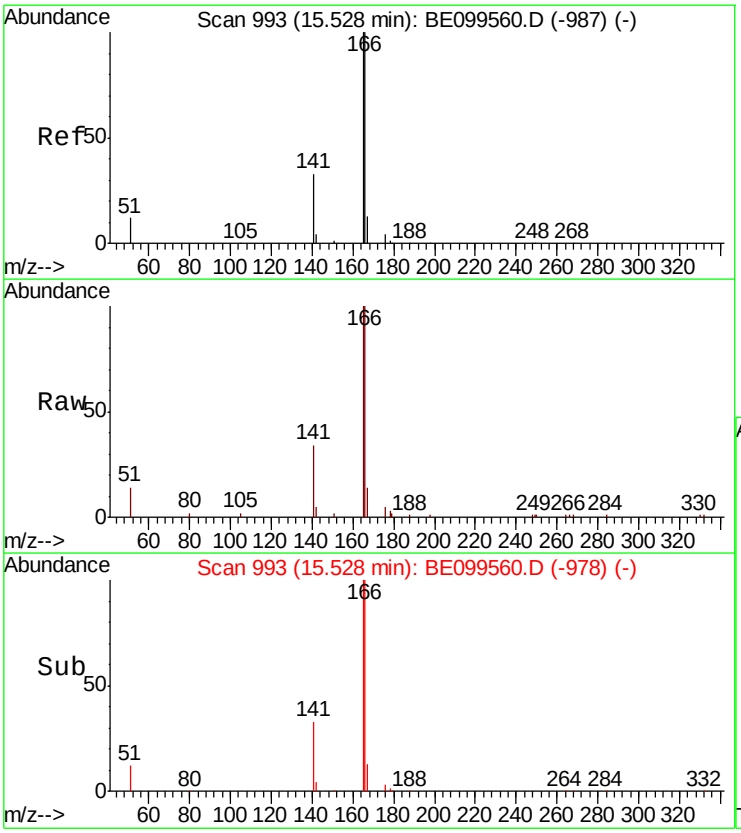
#17
Acenaphthene
Concen: 0.345 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 4715

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.7	134.5
152	54.9	43.9	65.9

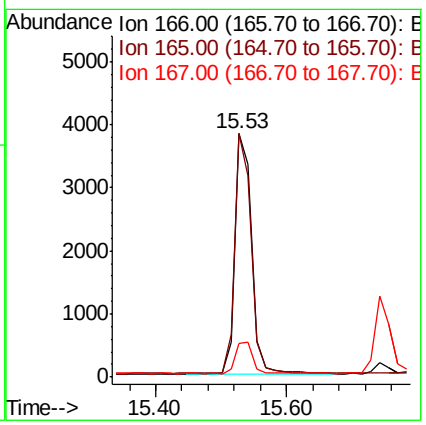


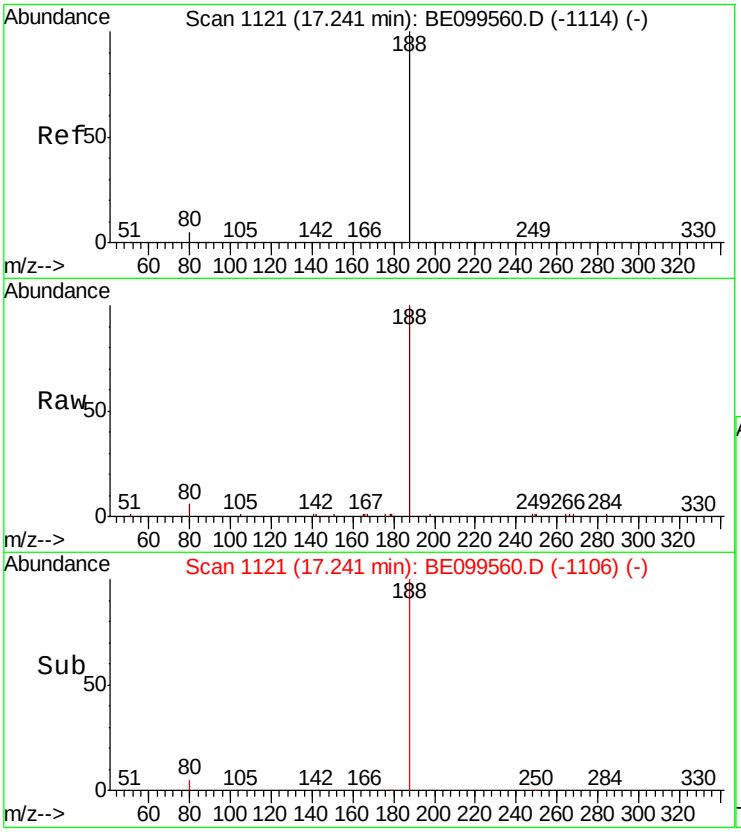


#18
Fluorene
Concen: 0.335 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:166 Resp: 6768

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.6
167	14.4	11.5	17.3



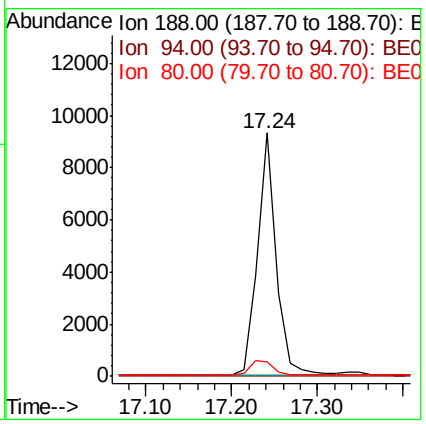


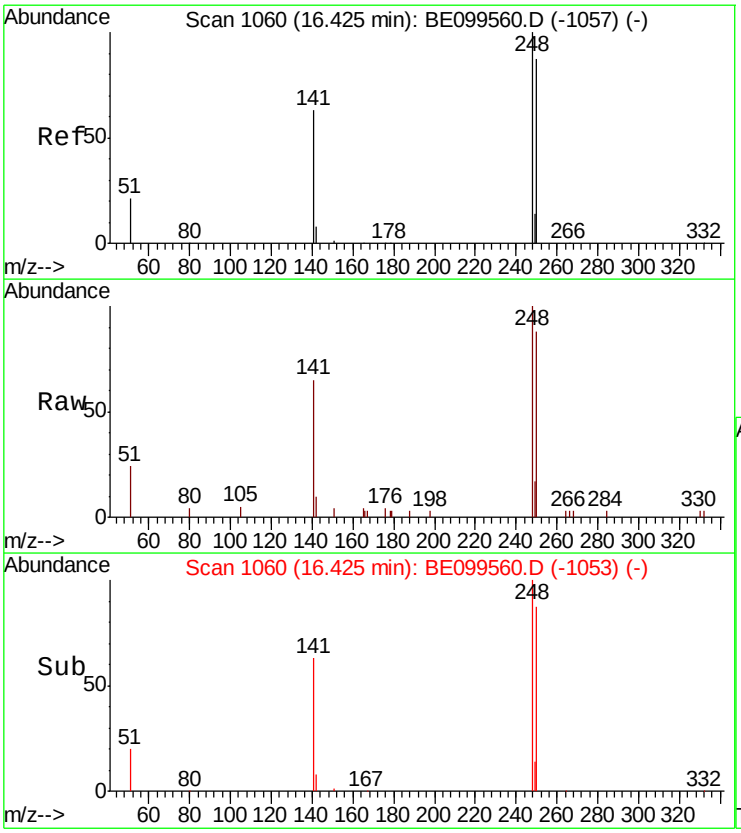
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 13938

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	4.6	7.0

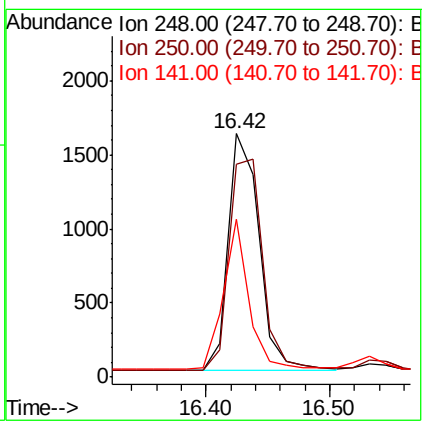


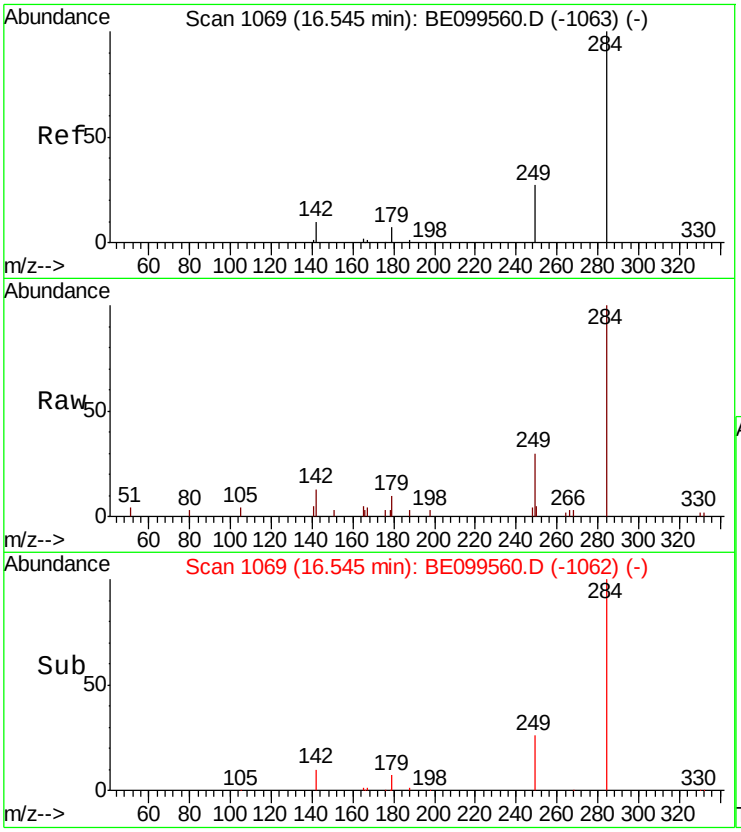


#20
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:248 Resp: 2784

Ion	Ratio	Lower	Upper
248	100		
250	87.5	70.0	105.0
141	64.8	51.8	77.8



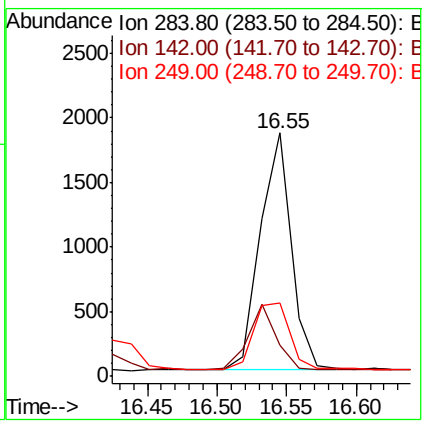


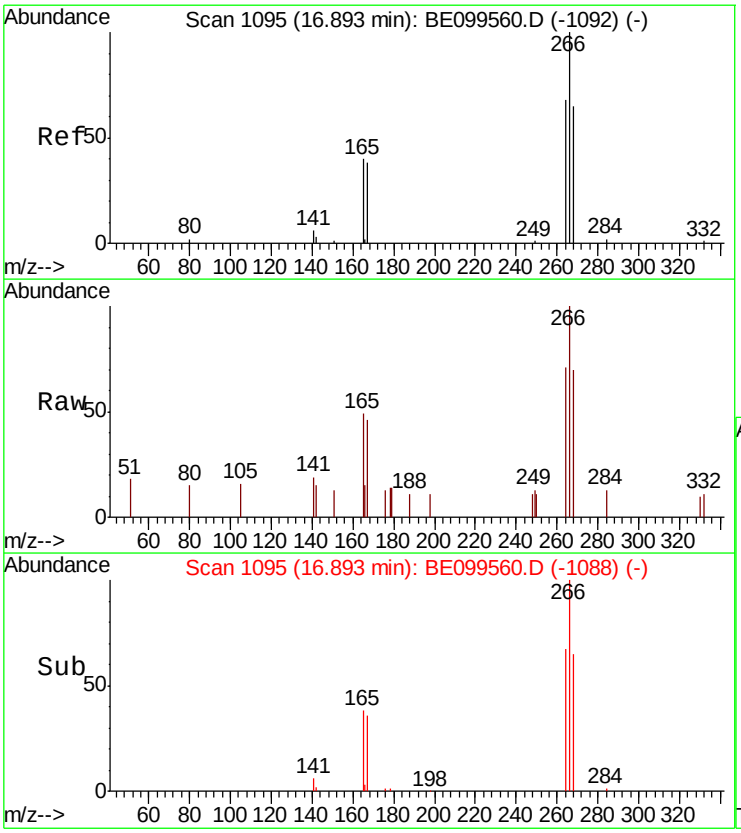
#21
Hexachlorobenzene
Concen: 0.368 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 2848

Ion	Ratio	Lower	Upper
284	100		
142	24.5	19.5	29.3
249	32.9	26.2	39.2

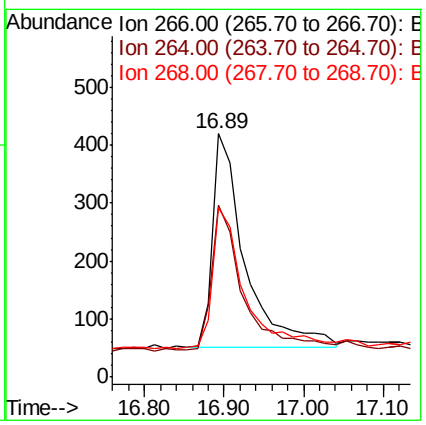


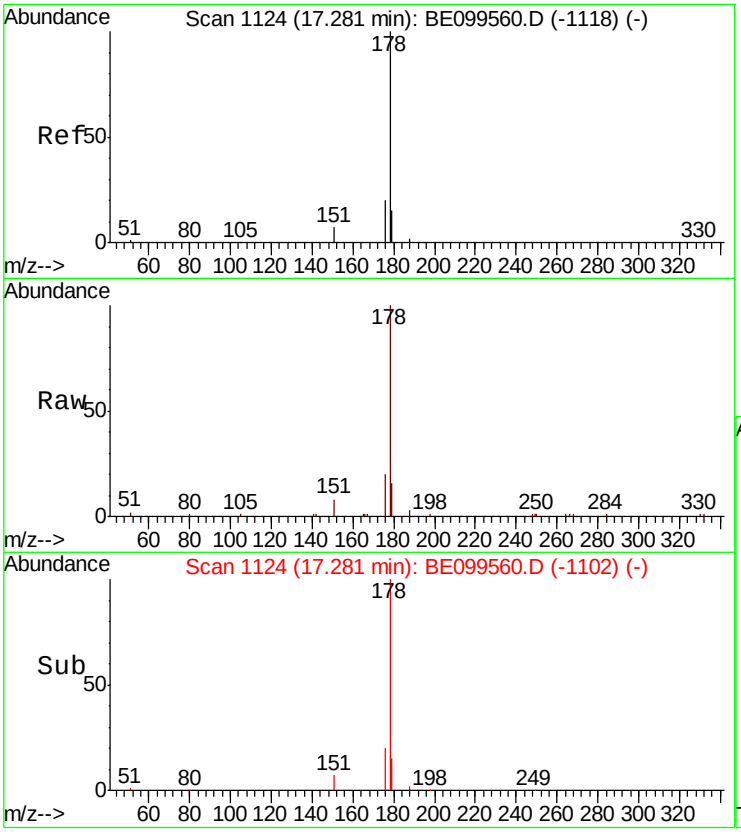


#22
Pentachlorophenol
Concen: 0.299 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:266 Resp: 1043

Ion	Ratio	Lower	Upper
266	100		
264	70.7	56.6	84.8
268	69.8	55.8	83.8



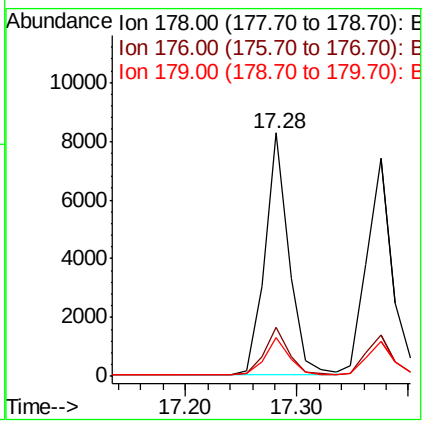


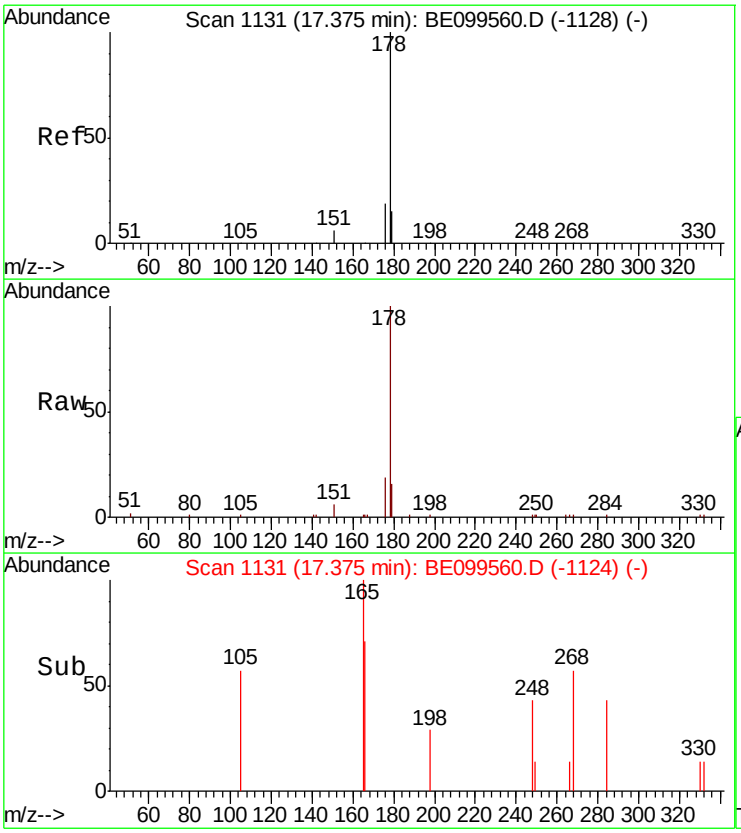
#23
Phenanthrene
Concen: 0.344 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 12383

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.6	12.5	18.7

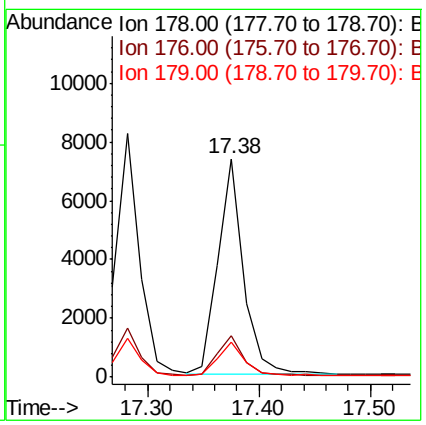


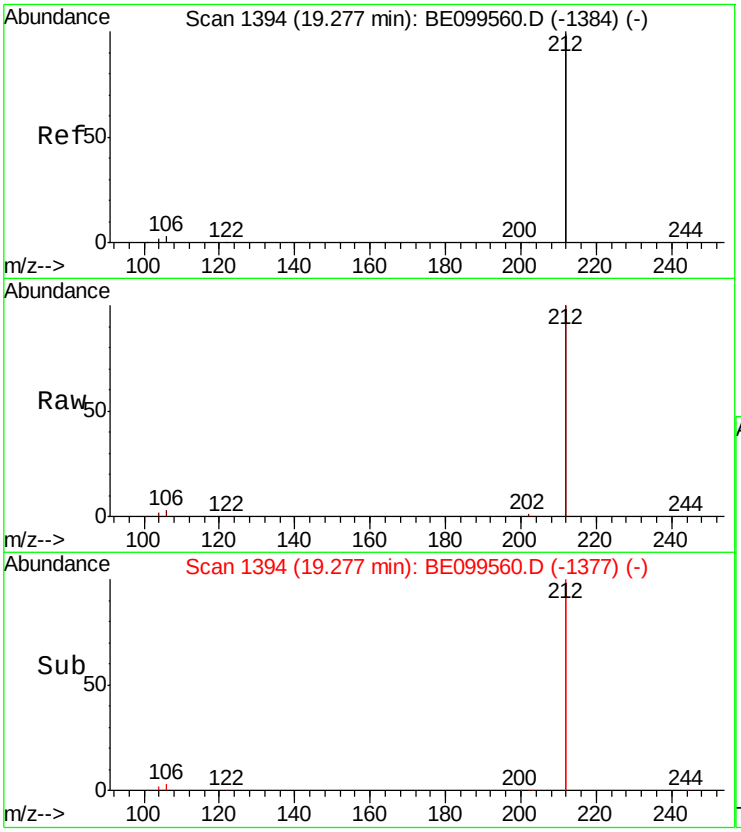


#24
Anthracene
Concen: 0.338 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:178 Resp: 11600

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.2	18.4



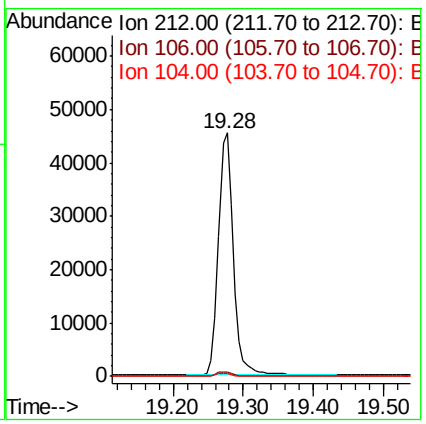


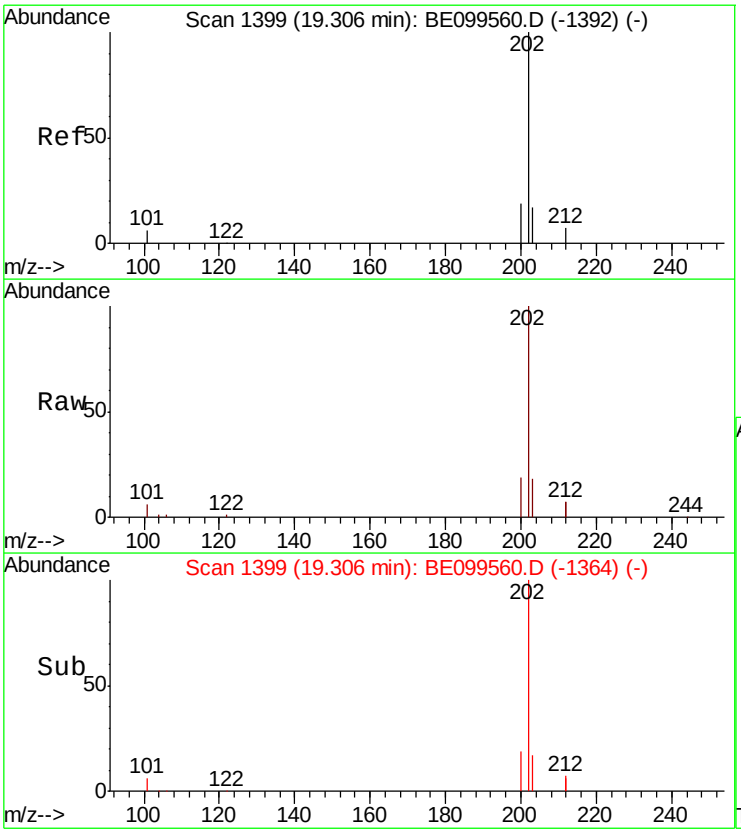
#25
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 66606

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	1.0	0.8	1.2

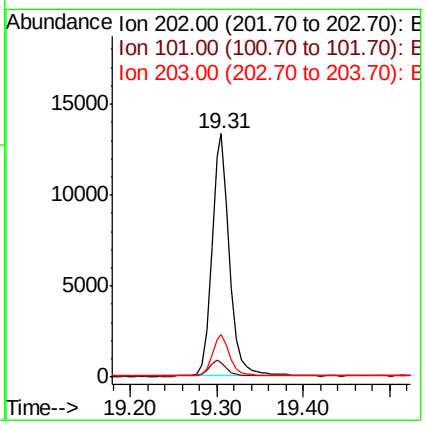


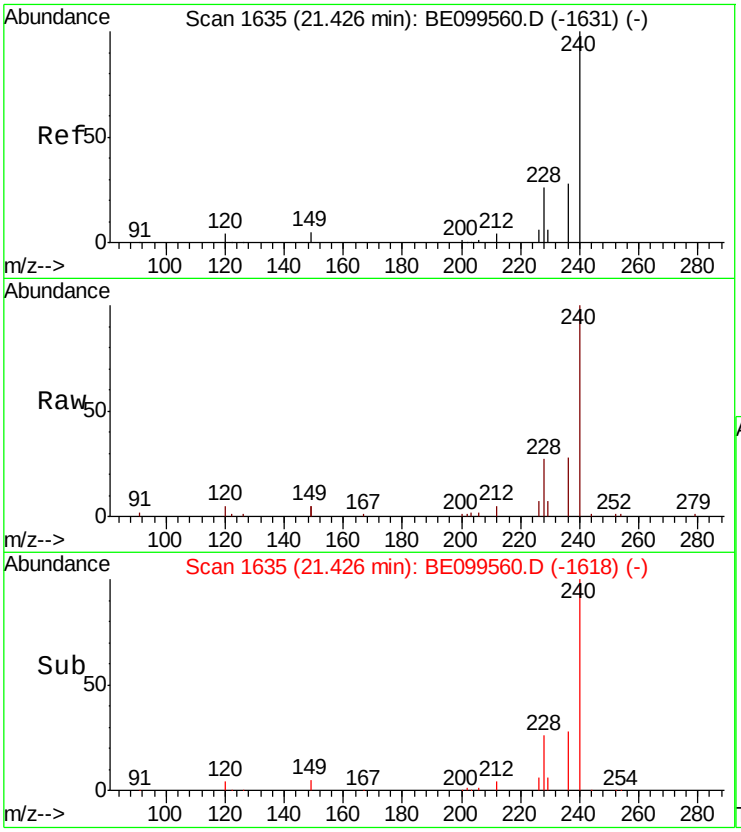


#26
Fluoranthene
Concen: 0.352 ng
RT: 19.31 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:202 Resp: 18973

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.3	7.9
203	16.8	13.4	20.2



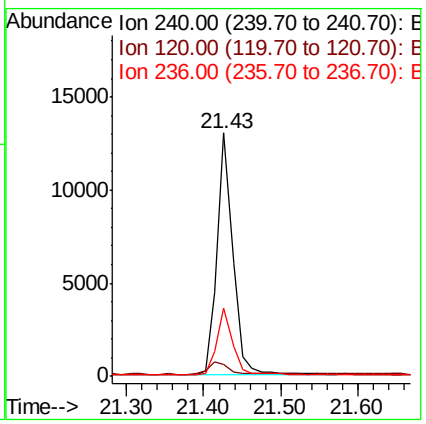


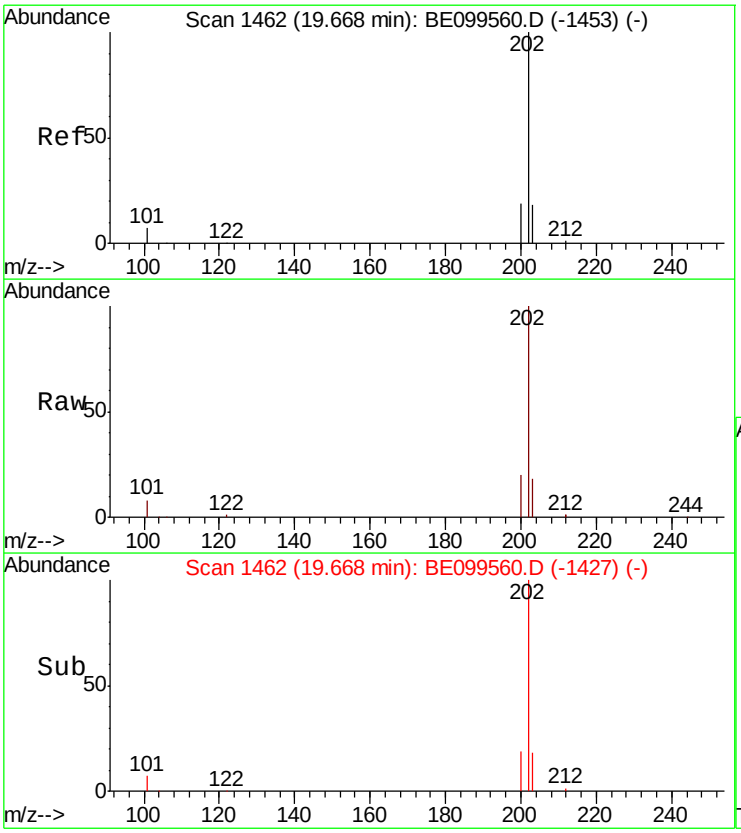
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 18601

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.8	5.6
236	28.1	22.5	33.7

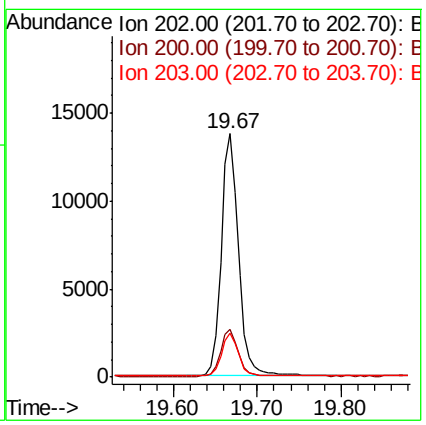


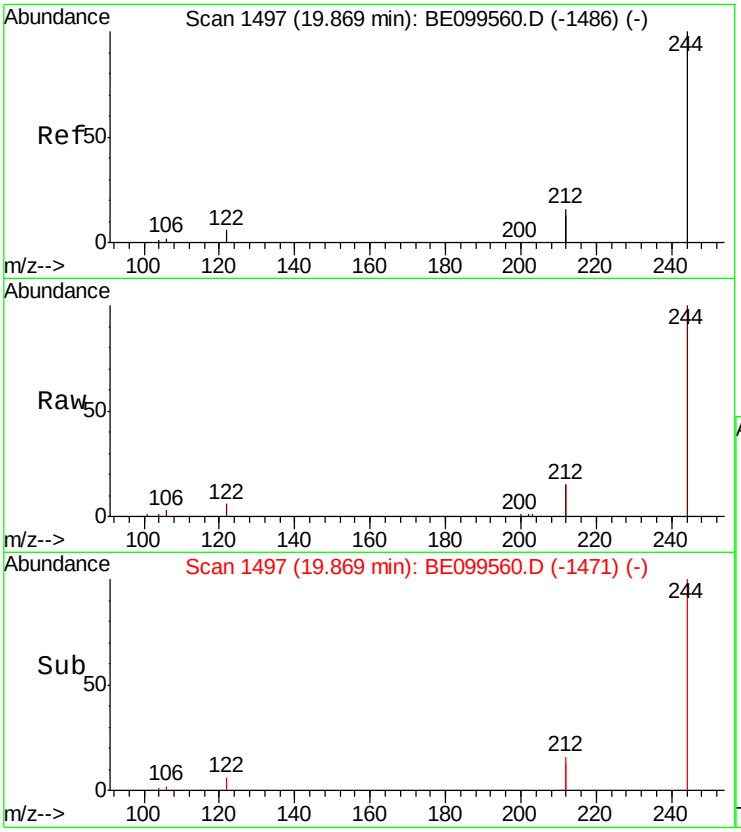


#28
Pyrene
Concen: 0.406 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:202 Resp: 19685

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.8	23.6
203	17.6	14.1	21.1



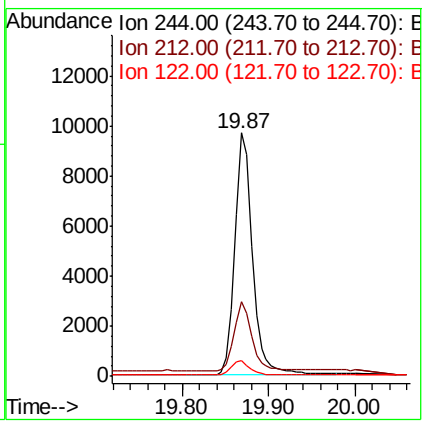


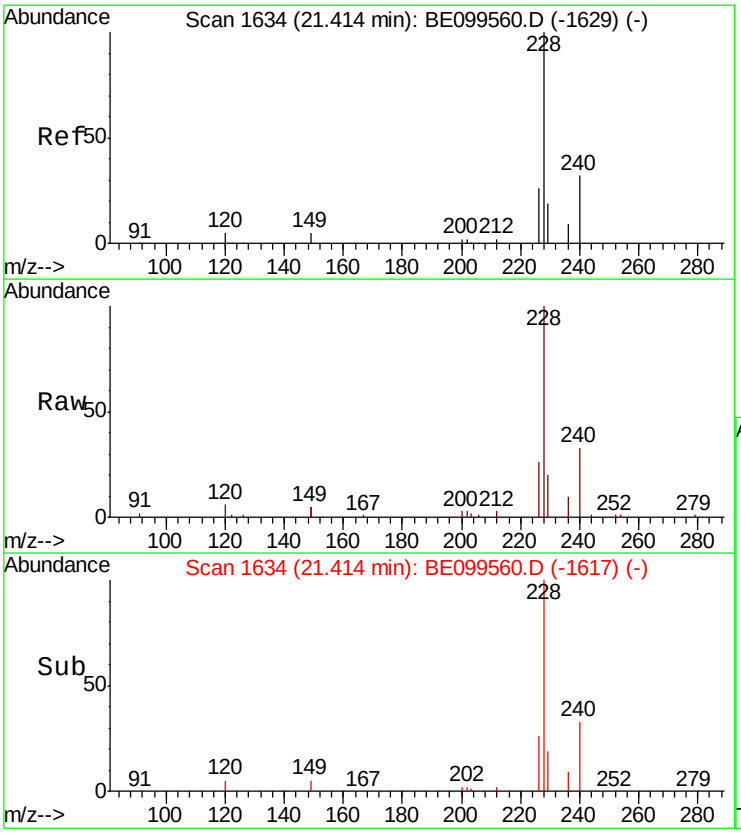
#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.87 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 13564

Ion	Ratio	Lower	Upper
244	100		
212	30.8	24.6	37.0
122	6.3	5.0	7.6

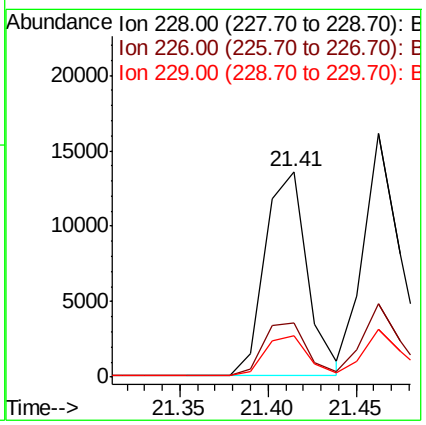


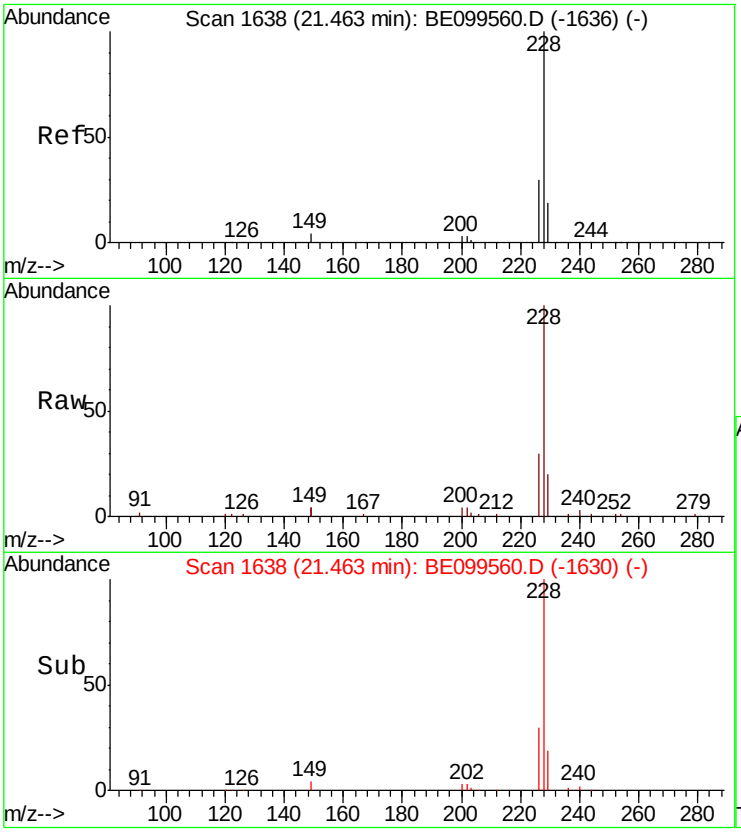


#30
Benzo(a)anthracene
Concen: 0.382 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:228 Resp: 22642

Ion	Ratio	Lower	Upper
228	100		
226	26.1	20.9	31.3
229	20.1	16.1	24.1



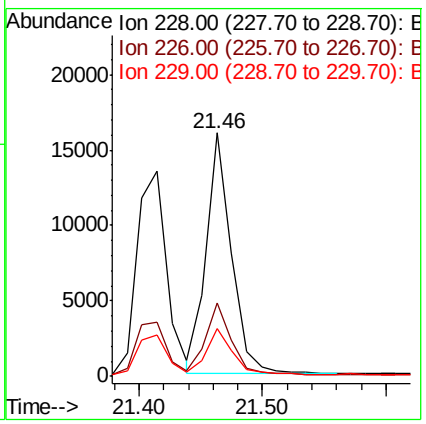


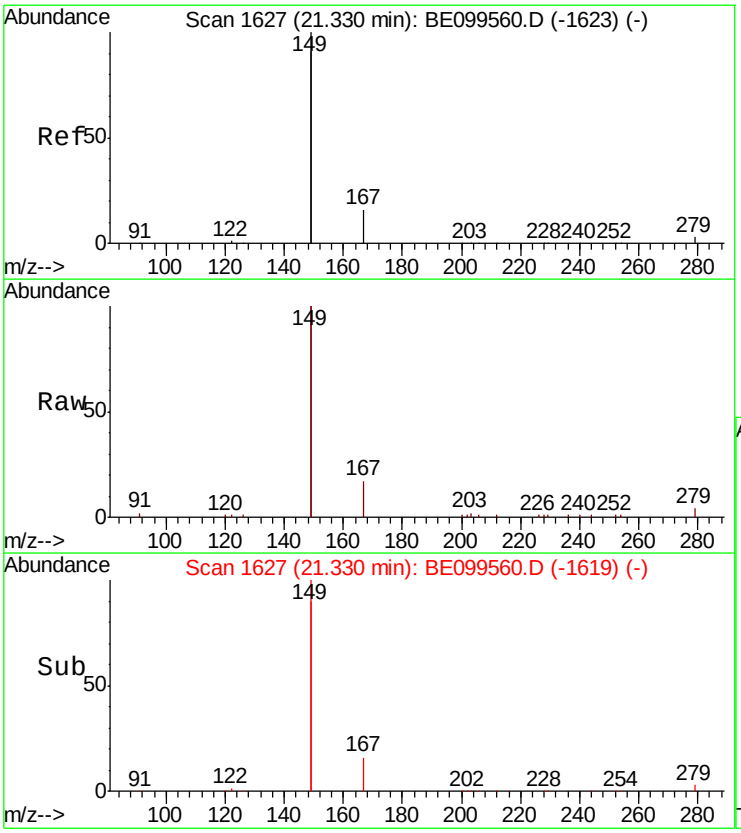
#31
Chrysene
Concen: 0.392 ng
RT: 21.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 22711

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.7	15.8	23.6

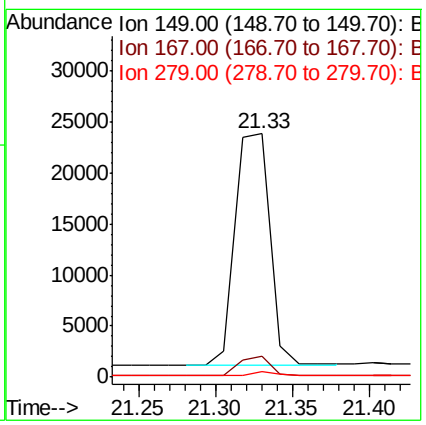


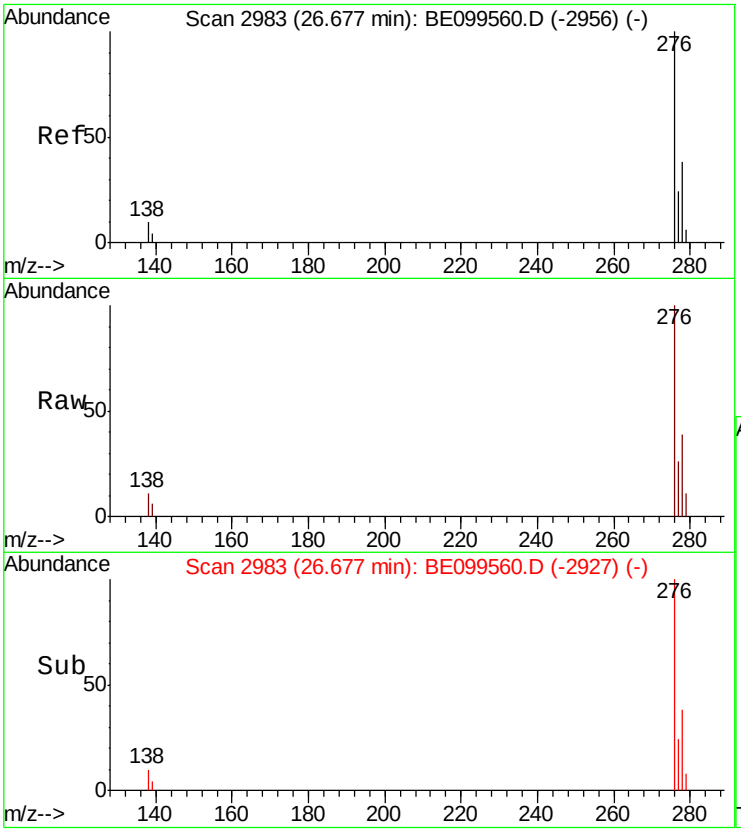


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.345 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:149 Resp: 35594

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.1	9.1
279	1.6	1.3	1.9



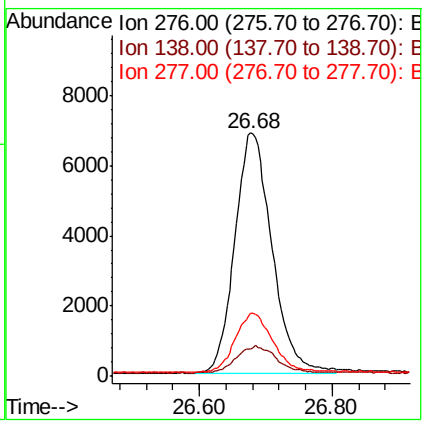


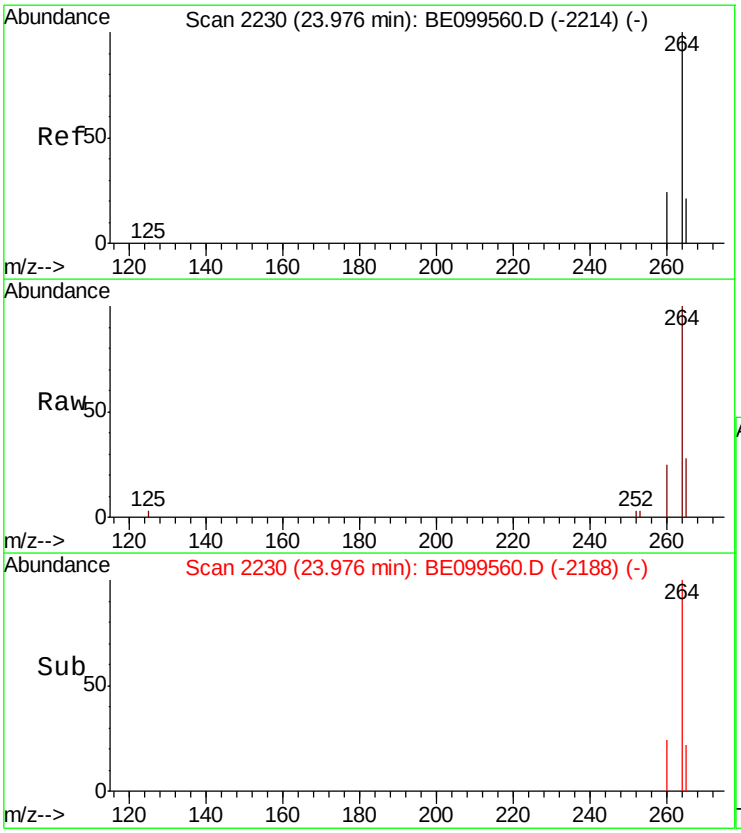
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng
RT: 26.68 min Scan# 2983
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 26627

Ion	Ratio	Lower	Upper
276	100		
138	11.8	9.5	14.3
277	24.4	19.7	29.5

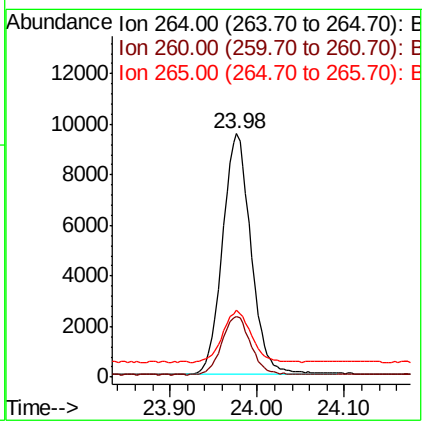


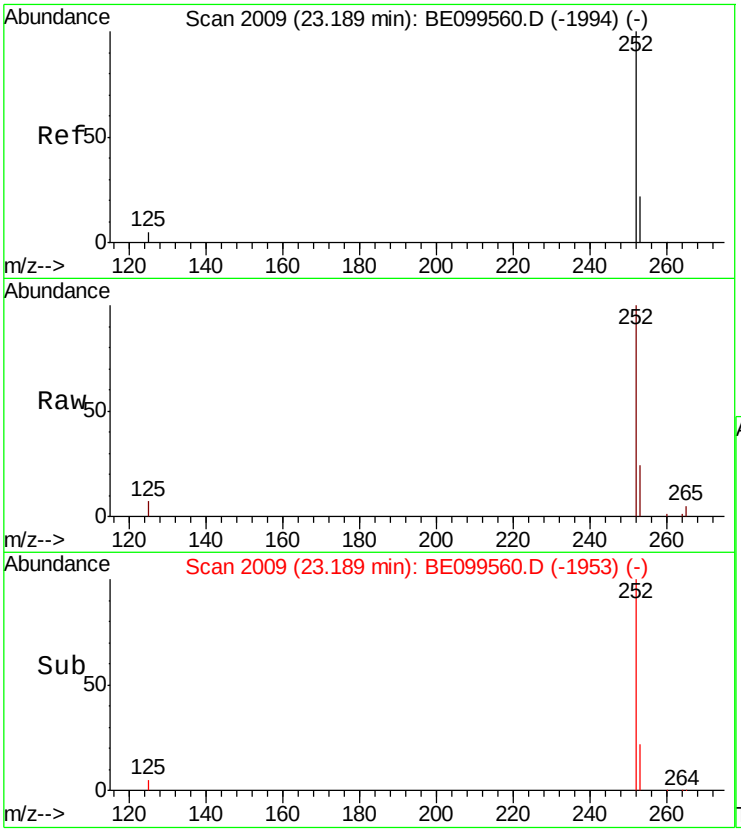


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:264 Resp: 21688

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	27.7	22.2	33.2



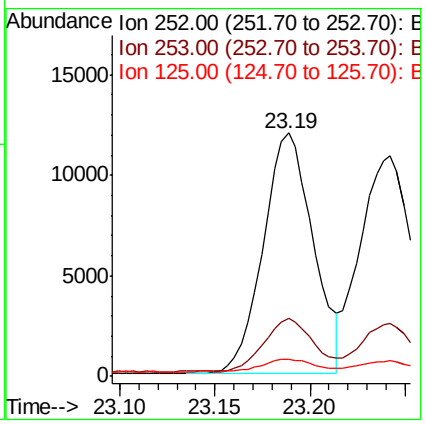


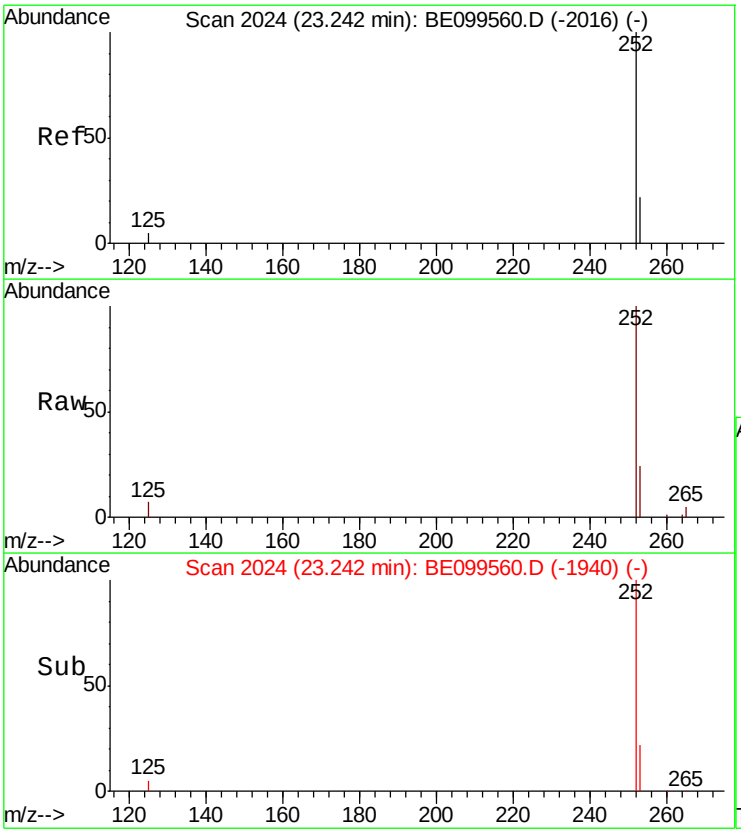
#35
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 23.19 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 21846

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.4
125	7.2	5.8	8.6

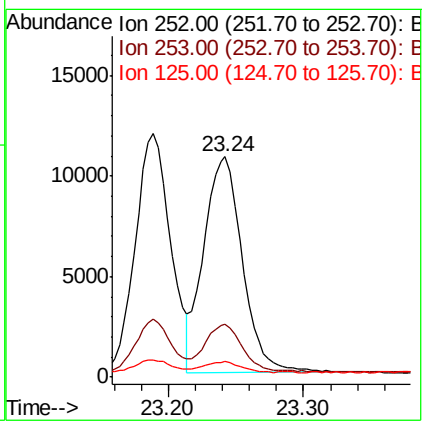


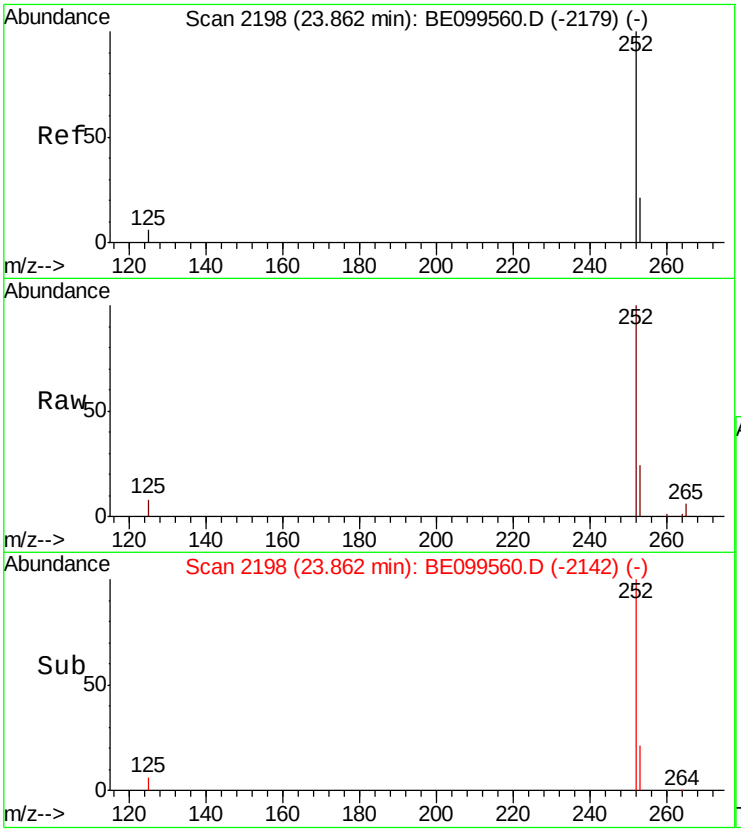


#36
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 23.24 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:252 Resp: 21353

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	7.2	5.8	8.6



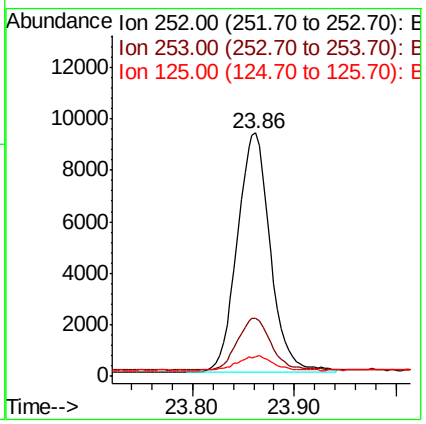


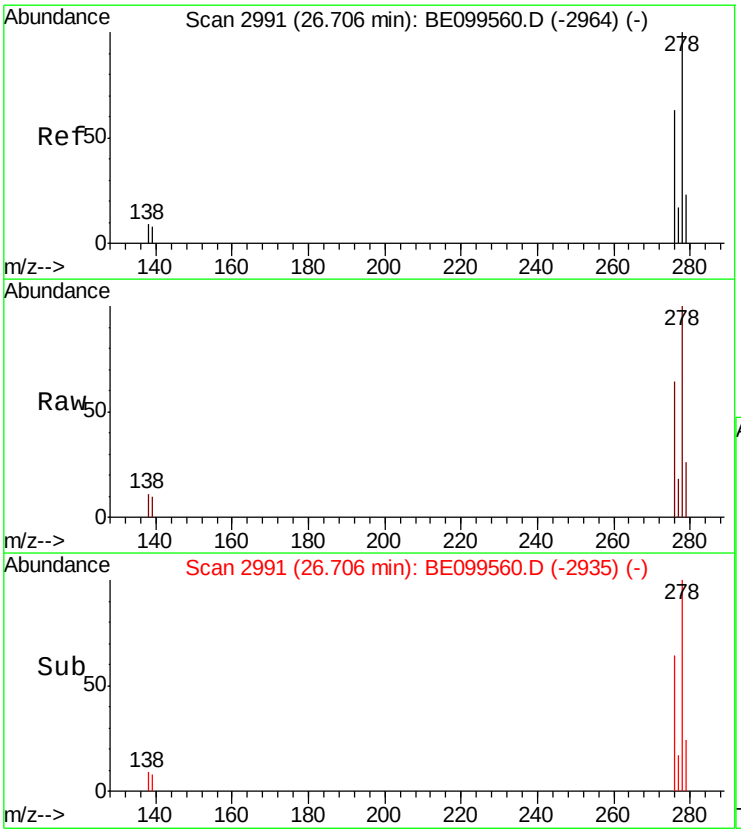
#37
Benzo(a)pyrene
Concen: 0.354 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 20948

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	8.2	6.6	9.8

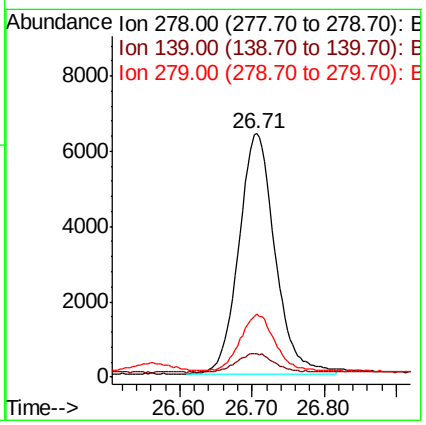


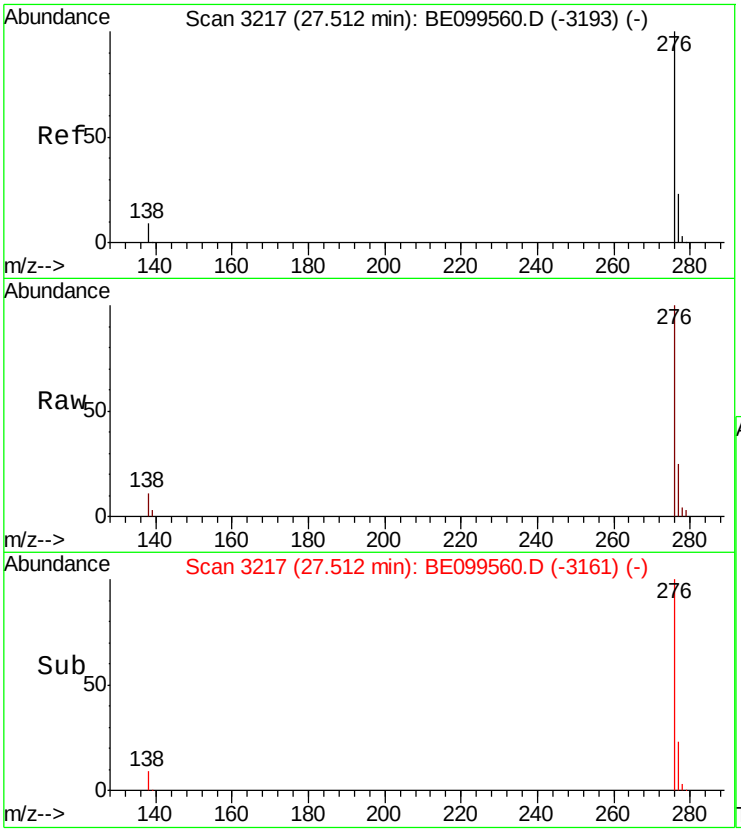


#38
Dibenzo(a,h)anthracene
Concen: 0.358 ng
RT: 26.71 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:278 Resp: 21621

Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.7	11.5
279	26.2	21.0	31.4





#39
Benzo(g,h,i)perylene
Concen: 0.363 ng
RT: 27.51 min Scan# 3217
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 21969

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	10.7	8.6	12.8