Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
Data File : BE099530.D
Acq On : 3 May 2019 15:10
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 03 23:36:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2151	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	8109	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	6417	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	20002	0.40	ng		0.00
27) Chrysene-d12	21.37	240	26267	0.40	ng		0.00
34) Perylene-d12	23.87	264	30498	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2674	0.45	ng		0.00
5) Phenol-d6	6.96	99	3695	0.47	ng		-0.01
8) Nitrobenzene-d5	8.96	82	3290	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	5838	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1988	0.49	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	9843	0.40	ng		0.00
25) Fluoranthene-d10	19.23	212	106615	0.40	ng		0.00
29) Terphenyl-d14	19.82	244	23191	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1291	0.436	ng	#	88
3) n-Nitrosodimethylamine	3.64	42	774	0.434	ng	#	92
6) bis(2-Chloroethyl)ether	7.23	93	2771	0.406	ng		99
9) Naphthalene	10.65	128	37622	0.426	ng		100
10) Hexachlorobutadiene	10.93	225	2594	0.422	ng		99
12) 2-Methylnaphthalene	12.27	142	6397	0.416	ng		97
16) Acenaphthylene	14.18	152	12545	0.400	ng		99
17) Acenaphthene	14.51	154	7148	0.399	ng		100
18) Fluorene	15.49	166	10881	0.411	ng		100
20) 4-Bromophenyl-phenylether	16.38	248	4584	0.394	ng		99
21) Hexachlorobenzene	16.49	284	4612	0.416	ng		100
22) Pentachlorophenol	16.85	266	2091	0.529	ng		94
23) Phenanthrene	17.23	178	21031	0.407	ng		99
24) Anthracene	17.32	178	19685	0.400	ng		100
26) Fluoranthene	19.25	202	31496	0.407	ng		99
28) Pyrene	19.62	202	33239	0.485	ng		100
30) Benzo(a)anthracene	21.35	228	38099	0.455	ng		99
31) Chrysene	21.40	228	37524	0.458	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	58597	0.425	ng		99
33) Indeno(1,2,3-cd)pyrene	26.52	276	44483	0.460	ng		99
35) Benzo(b)fluoranthene	23.15	252	36166	0.411	ng		99
36) Benzo(k)fluoranthene	23.15	252	36166	0.426	ng		99
37) Benzo(a)pyrene	23.76	252	35663	0.429	ng	#	97
38) Dibenzo(a,h)anthracene	26.55	278	35969	0.423	ng		98
39) Benzo(g,h,i)perylene	27.34	276	36260	0.426	ng		99

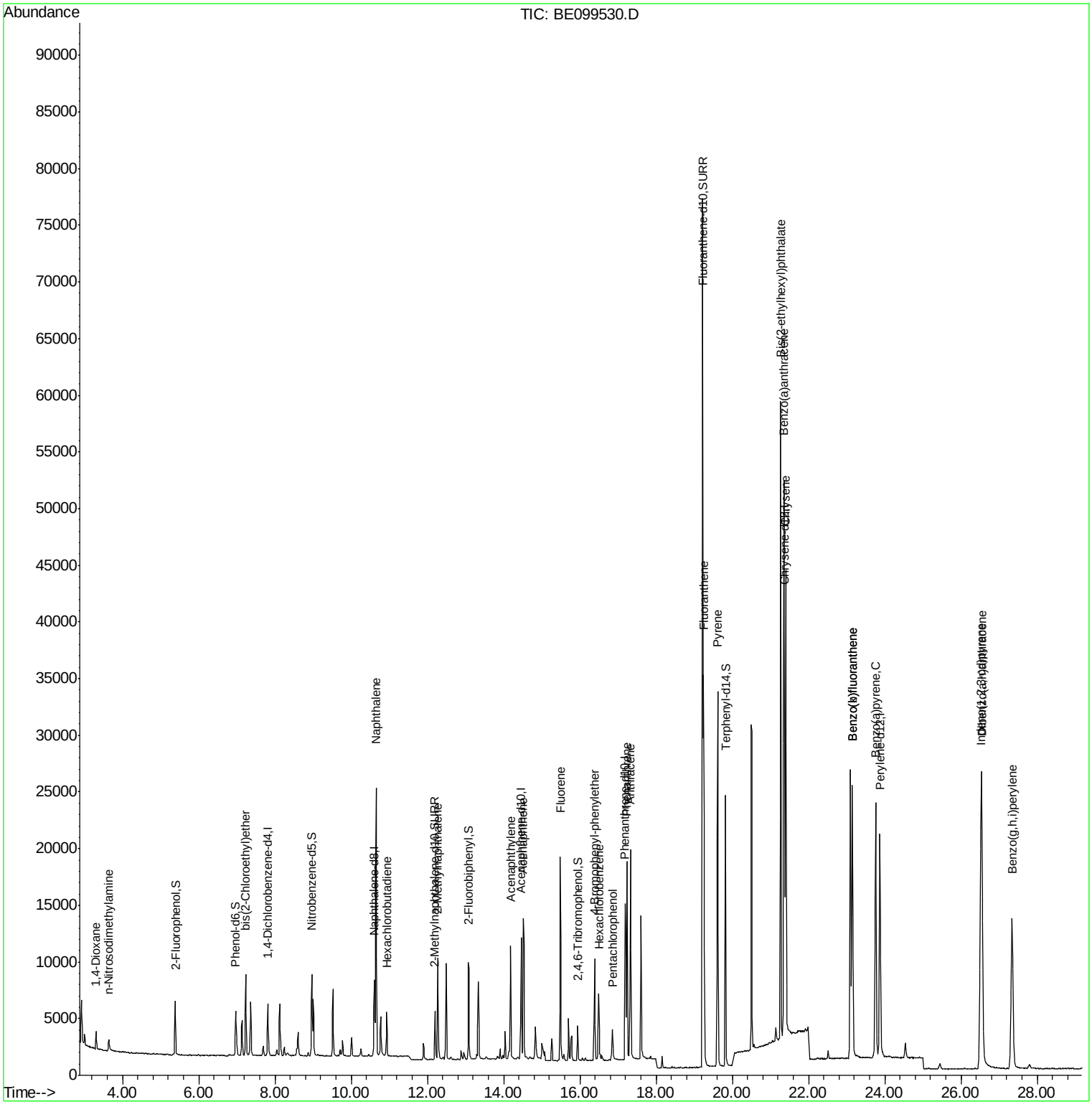
(#) = qualifier out of range (m) = manual integration (+) = signals summed

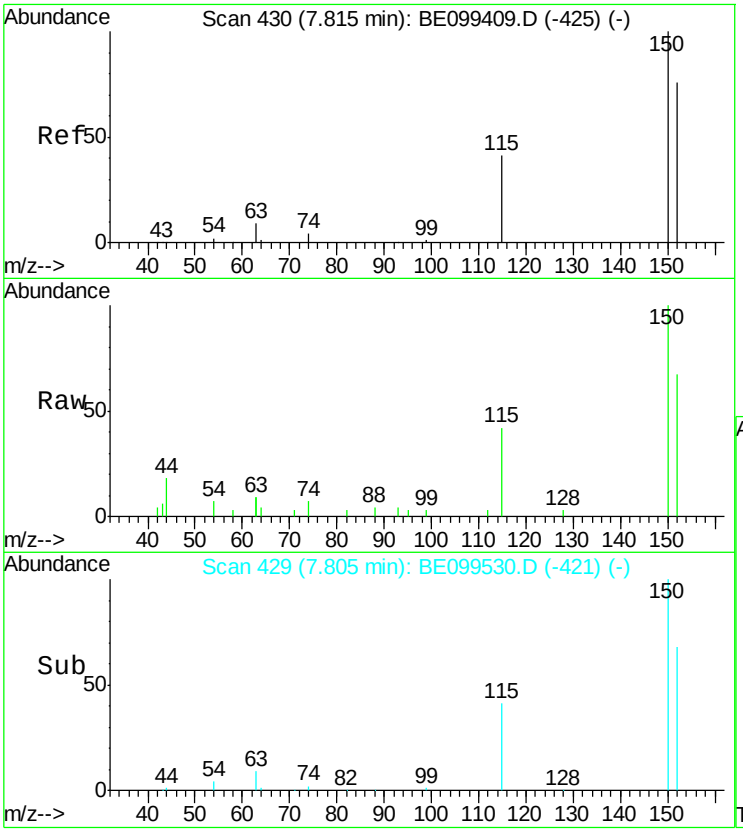
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
Data File : BE099530.D
Acq On : 3 May 2019 15:10
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 03 23:36:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



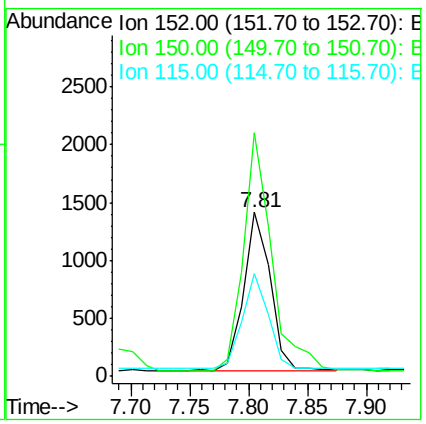


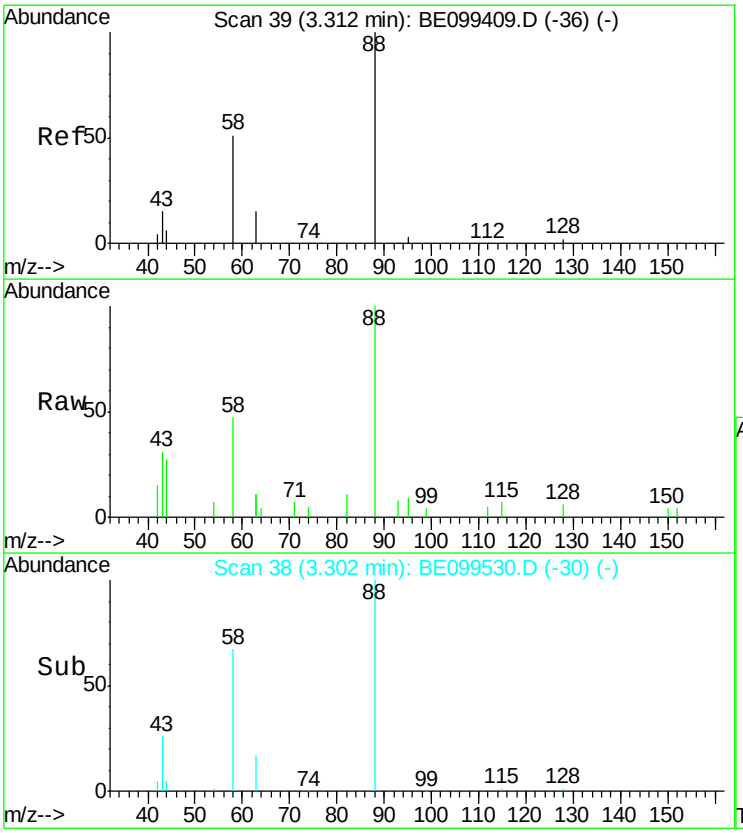
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2151

Ion	Ratio	Lower	Upper
152	100		
150	148.4	104.8	157.2
115	62.6	46.6	69.8

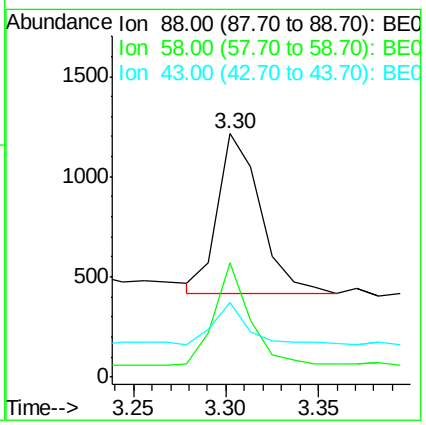


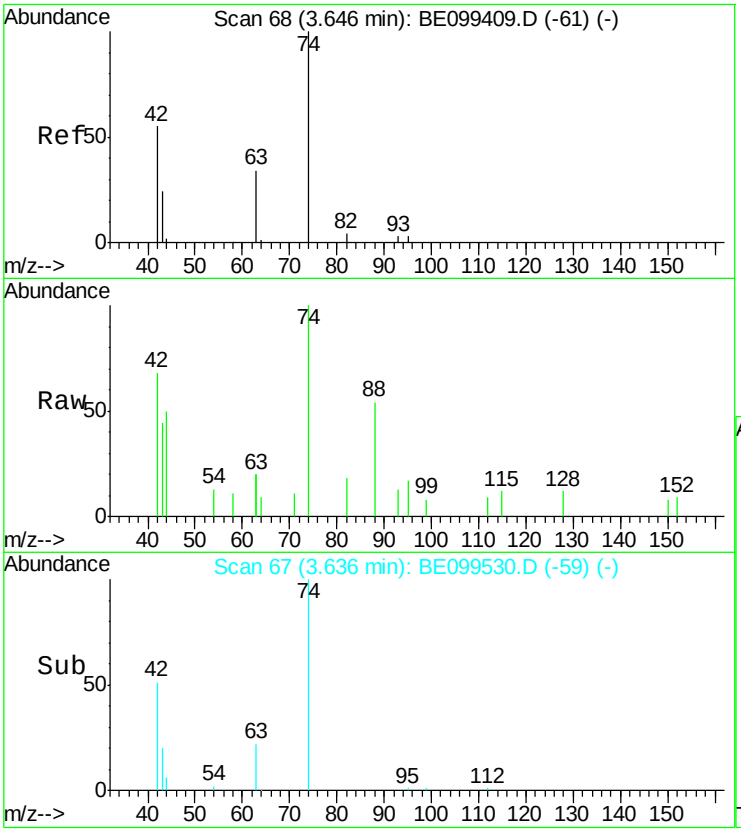


#2
1,4-Dioxane
Concen: 0.436 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion: 88 Resp: 1291

Ion	Ratio	Lower	Upper
88	100		
58	53.4	51.0	76.6
43	20.4	20.6	30.8#



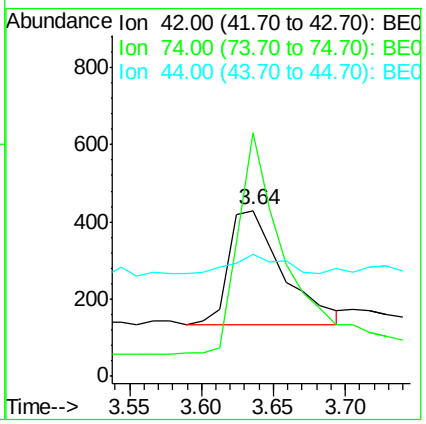


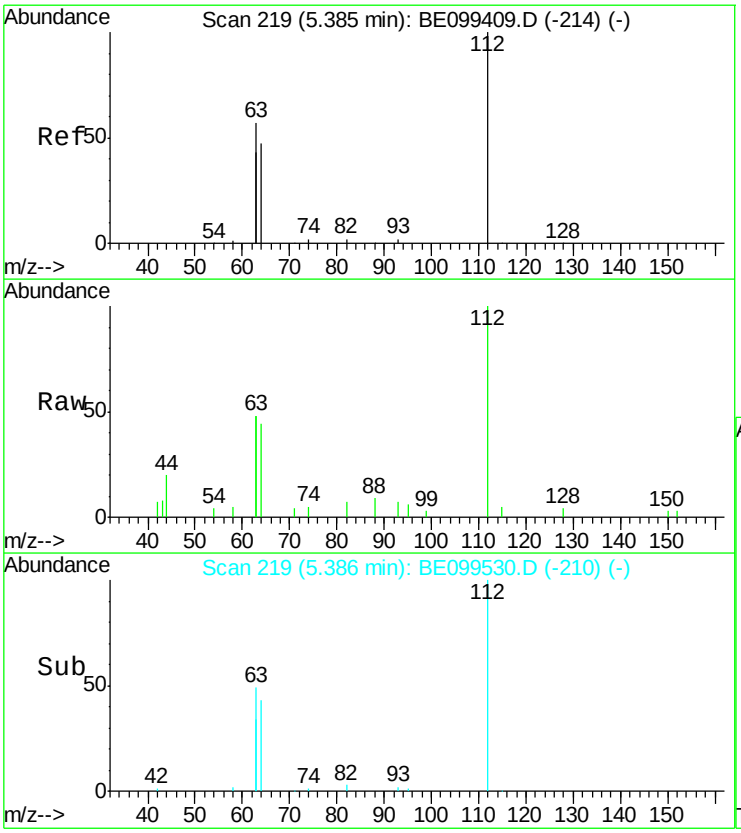
#3
n-Nitrosodimethylamine
Concen: 0.434 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 774

Ion	Ratio	Lower	Upper
42	100		
74	165.8	141.6	212.4
44	13.8	0.0	0.0#

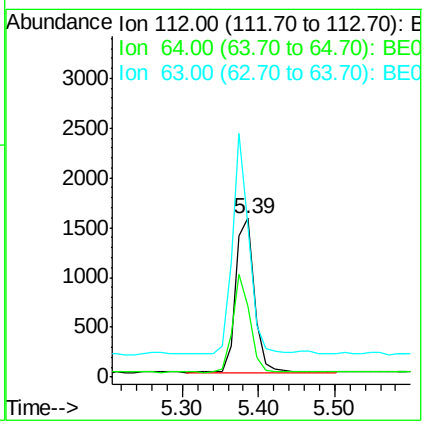


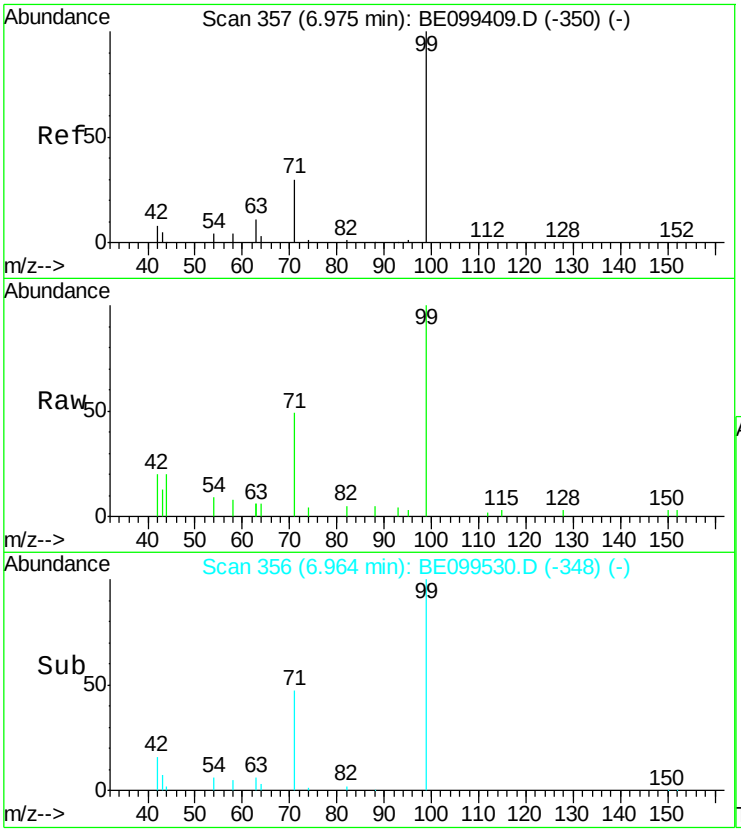


#4
2-Fluorophenol
Concen: 0.450 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:112 Resp: 2674

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.4	71.0
63	128.2	104.3	156.5



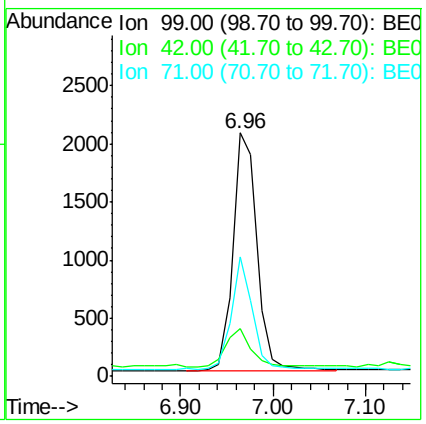


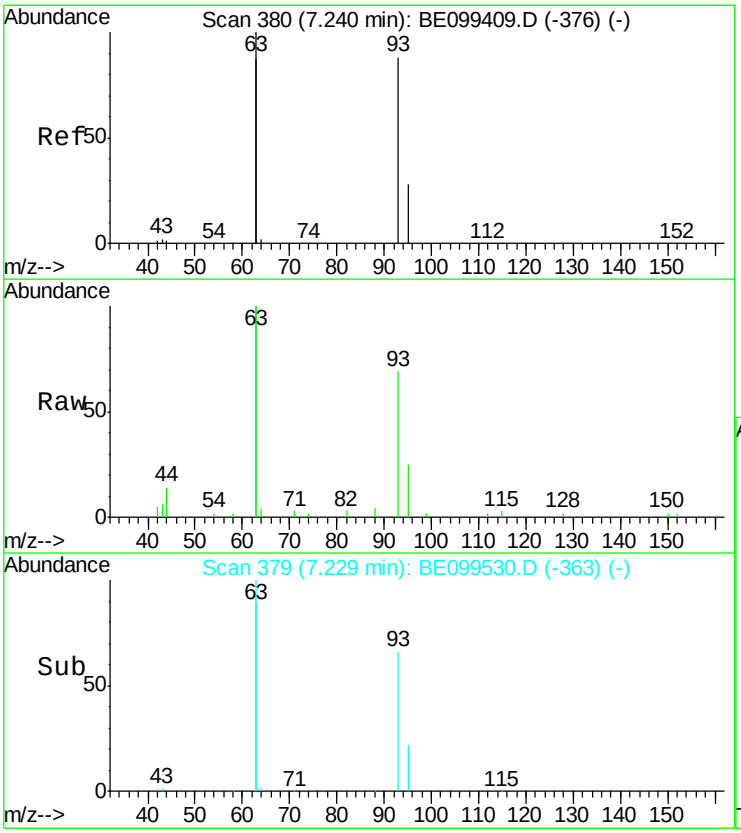
#5
Phenol-d6
Concen: 0.467 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3695

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.9	22.3
71	42.1	33.0	49.6

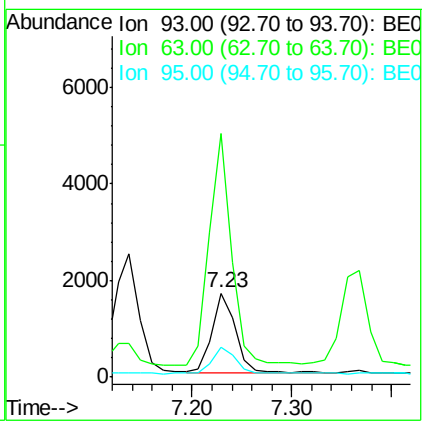


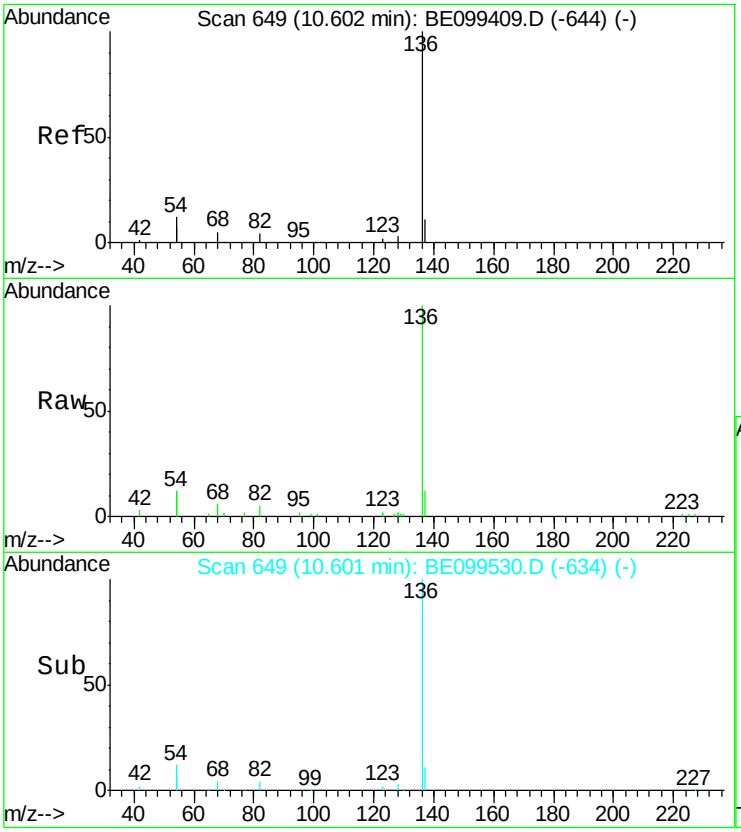


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion: 93 Resp: 2771

Ion	Ratio	Lower	Upper
93	100		
63	268.9	215.6	323.4
95	34.6	26.2	39.2



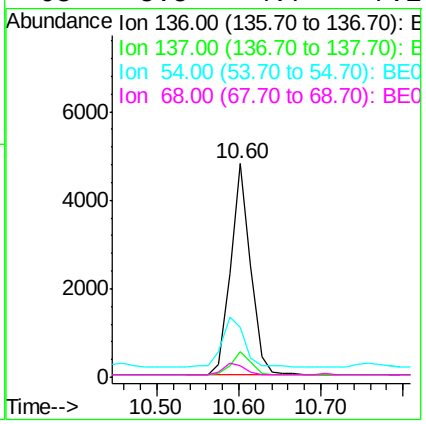


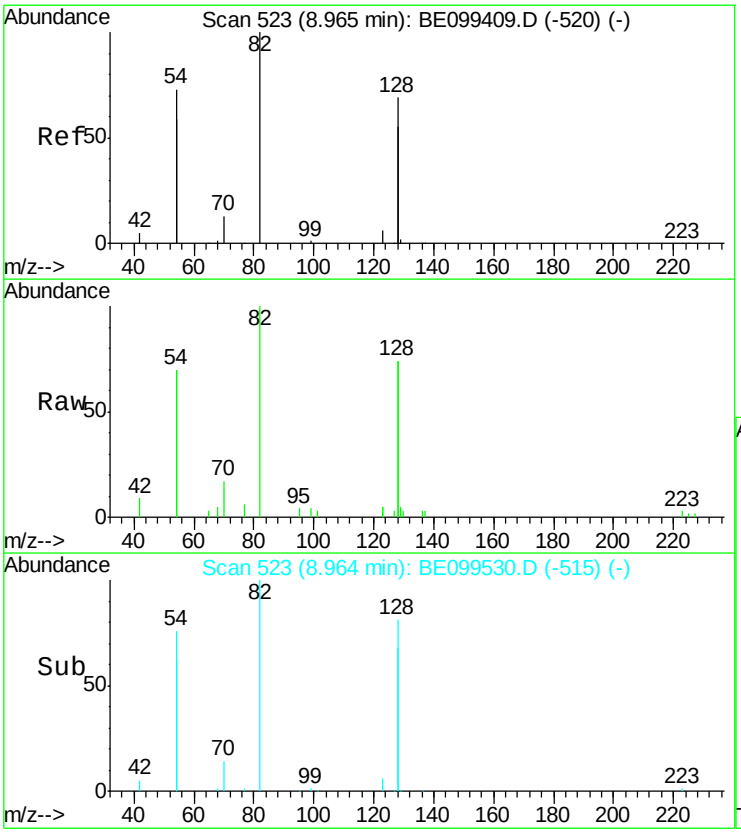
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 8109

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	23.5	18.5	27.7
68	5.5	4.7	7.1

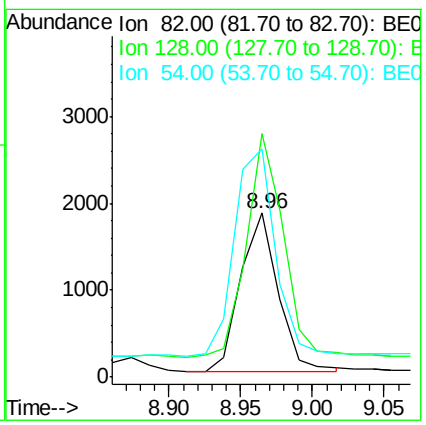


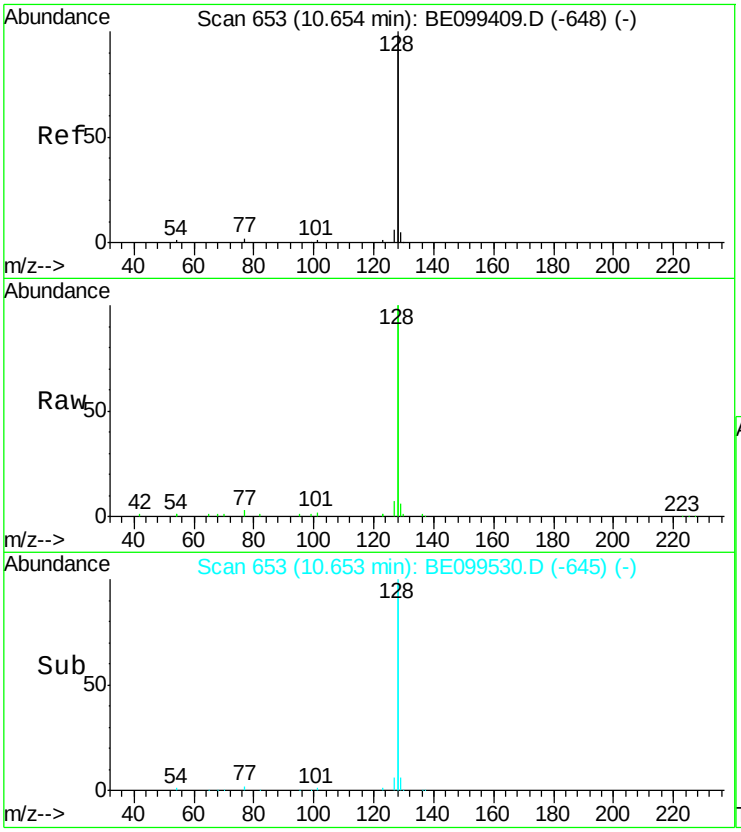


#8
Nitrobenzene-d5
Concen: 0.433 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion: 82 Resp: 3290

Ion	Ratio	Lower	Upper
82	100		
128	148.5	107.0	160.4
54	139.6	113.1	169.7



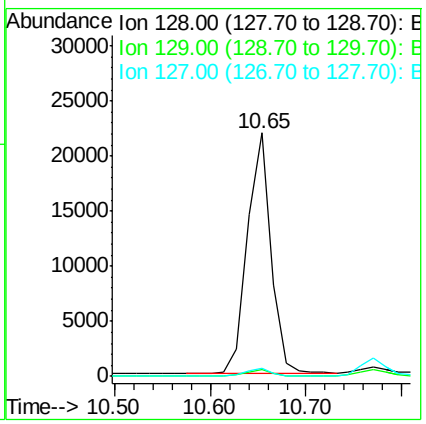


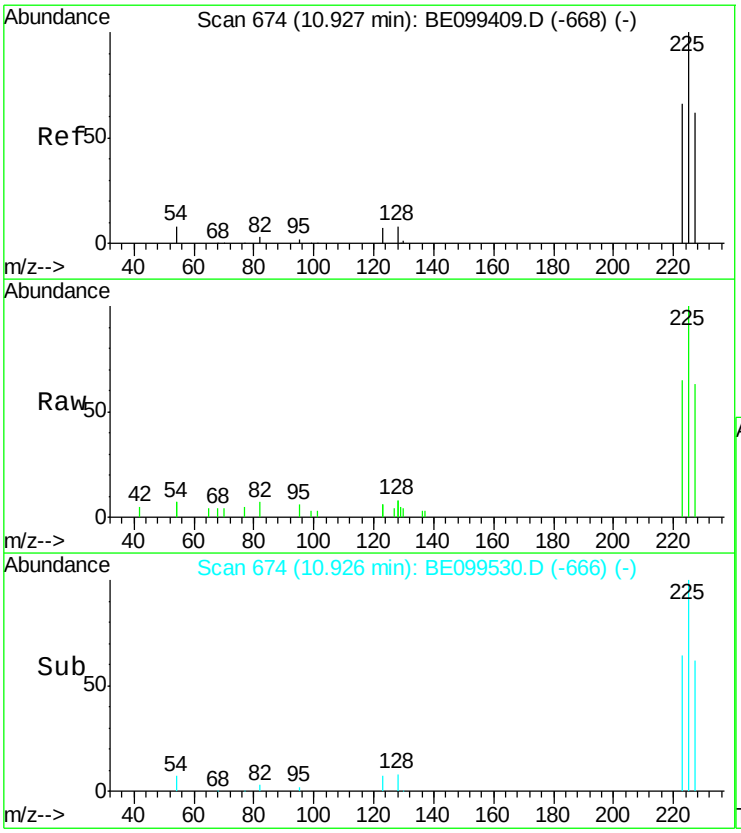
#9
Naphthalene
Concen: 0.426 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 37622

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.3	2.8	4.2

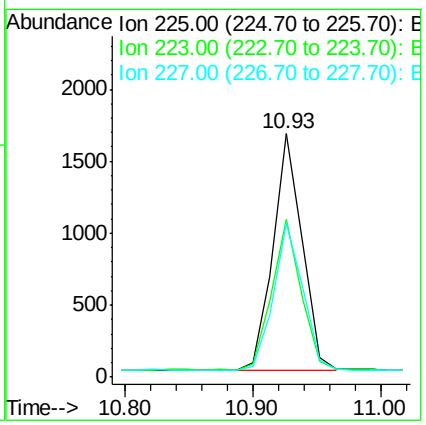


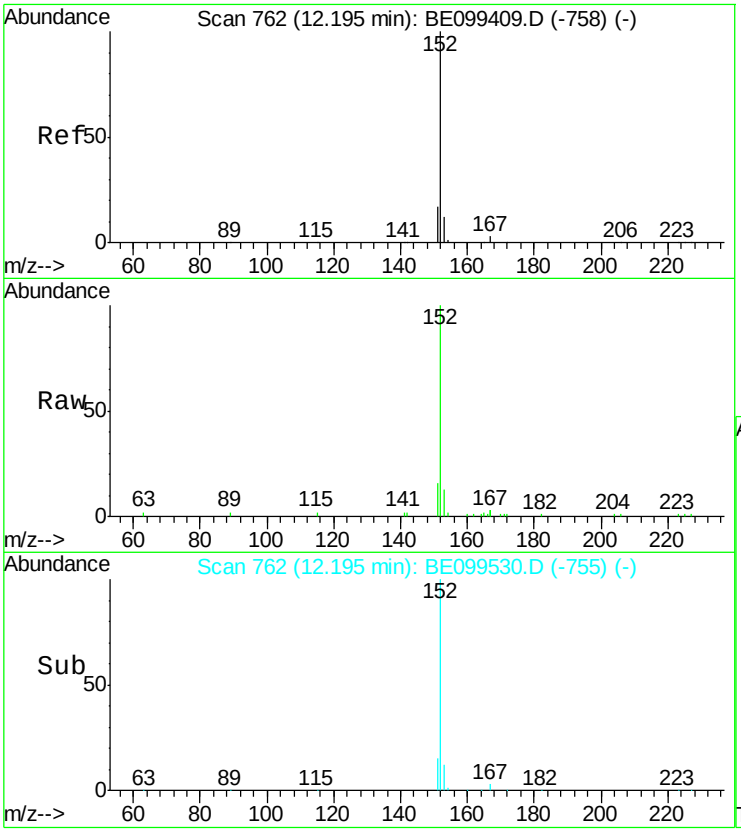


#10
Hexachlorobutadiene
Concen: 0.422 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:225 Resp: 2594

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	62.6	50.9	76.3



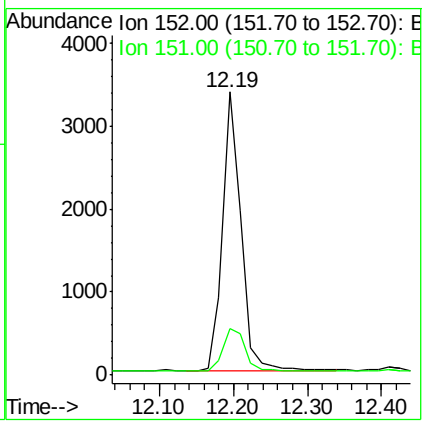


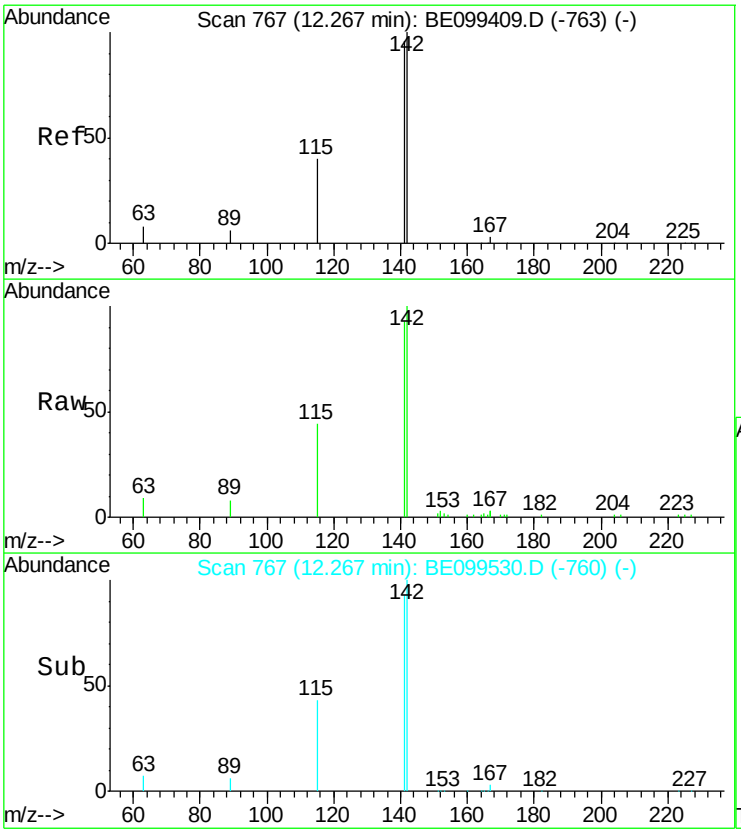
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5838

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.5	23.3

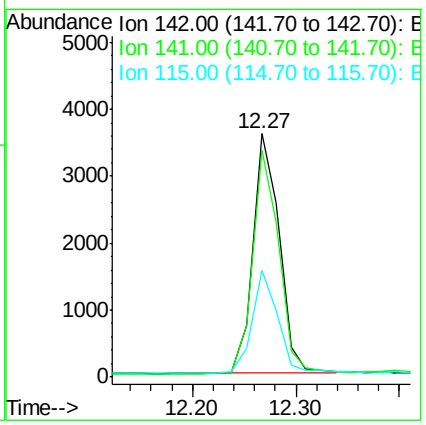


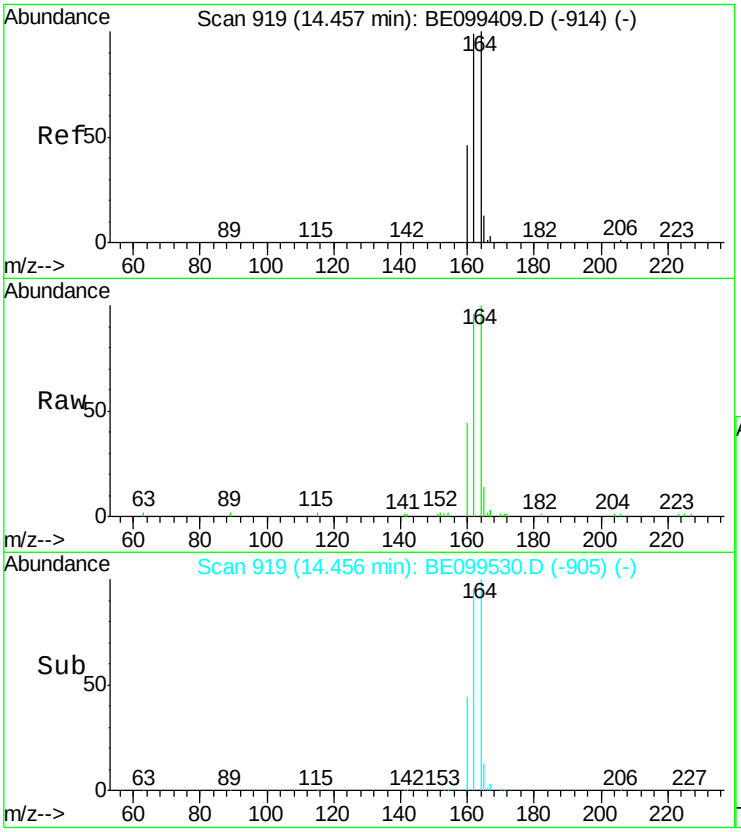


#12
2-Methylnaphthalene
Concen: 0.416 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:142 Resp: 6397

Ion	Ratio	Lower	Upper
142	100		
141	93.0	77.0	115.4
115	44.0	33.4	50.0



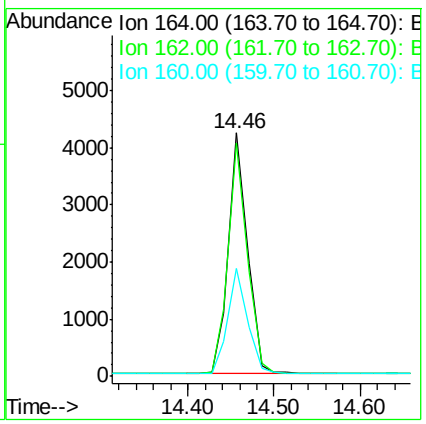


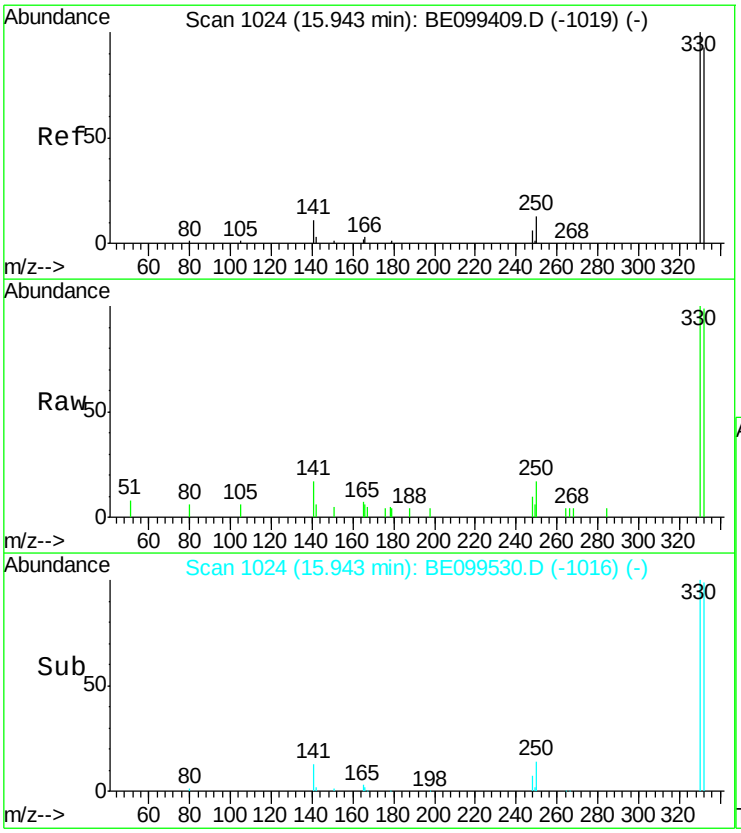
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 6417

Ion	Ratio	Lower	Upper
164	100		
162	95.7	79.0	118.4
160	44.2	37.0	55.4

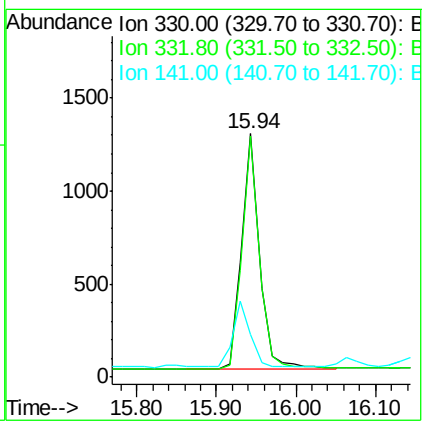


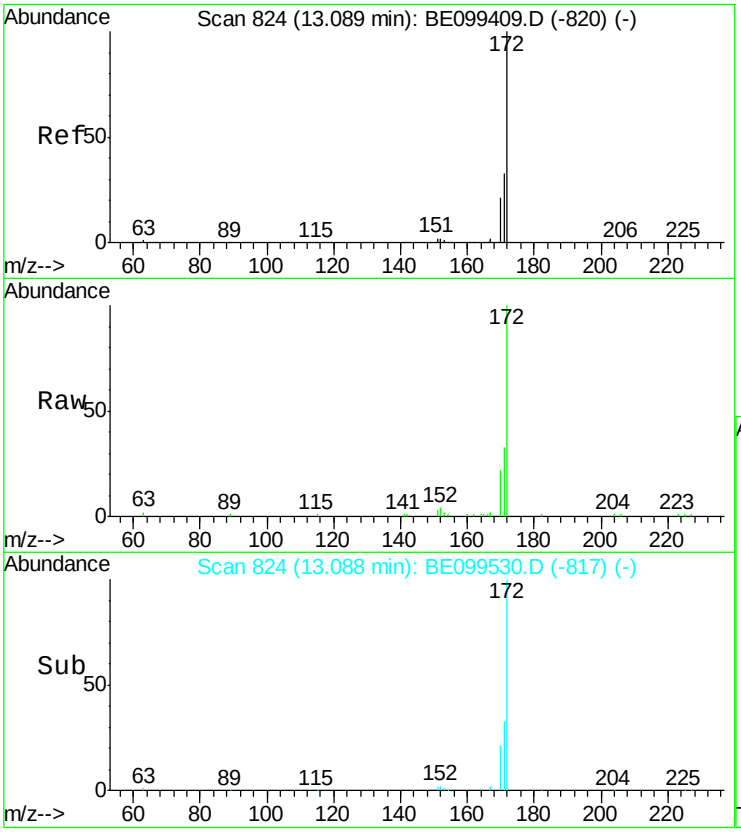


#14
2,4,6-Tribromophenol
Concen: 0.492 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:330 Resp: 1988

Ion	Ratio	Lower	Upper
330	100		
332	96.2	71.5	107.3
141	27.2	24.0	36.0



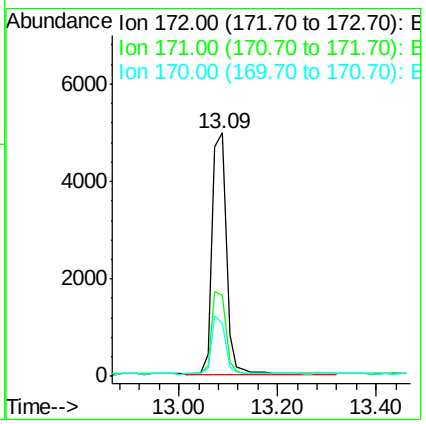


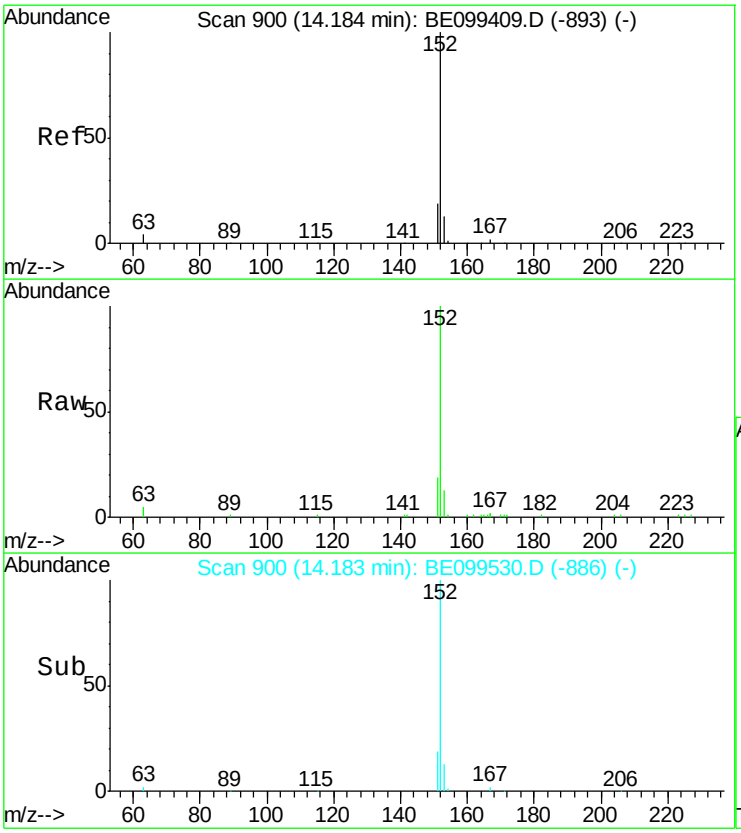
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 9843

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.6	39.8
170	21.8	17.0	25.6

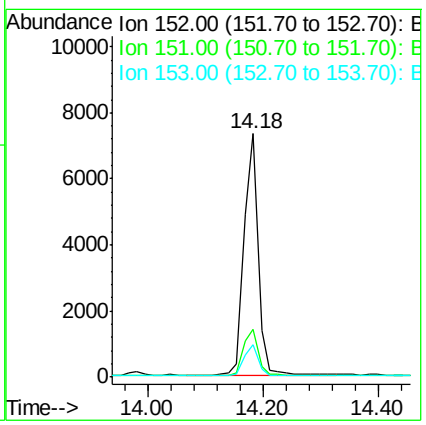


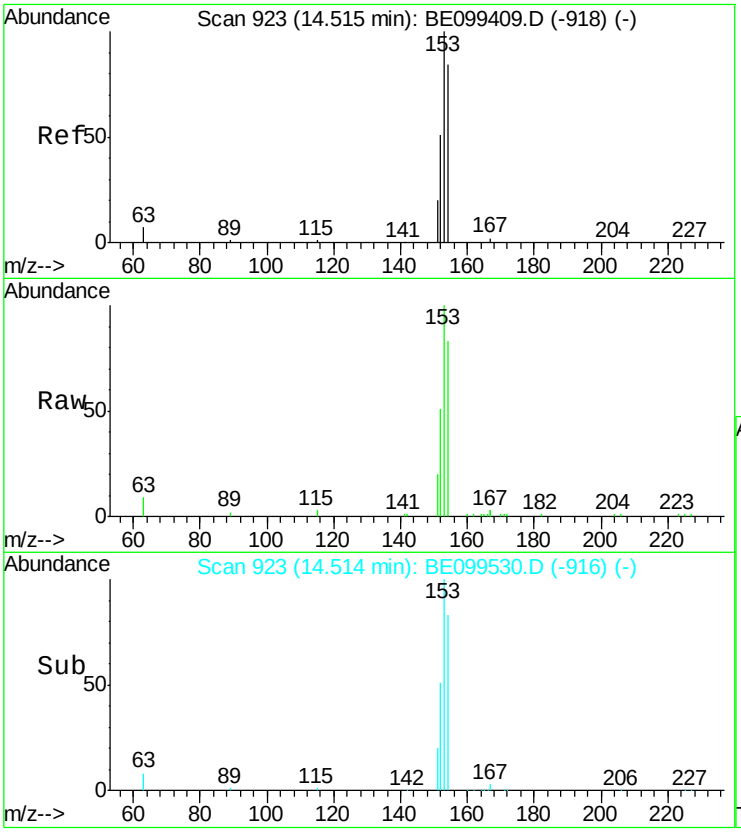


#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:152 Resp: 12545

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2
153	12.9	9.8	14.6



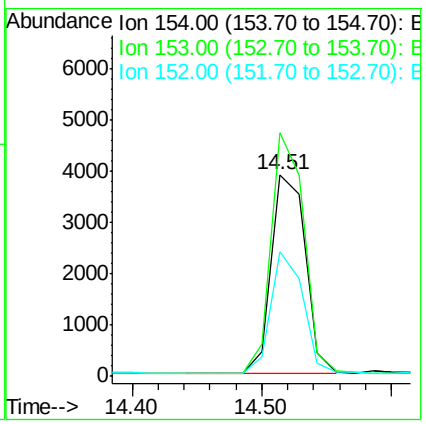


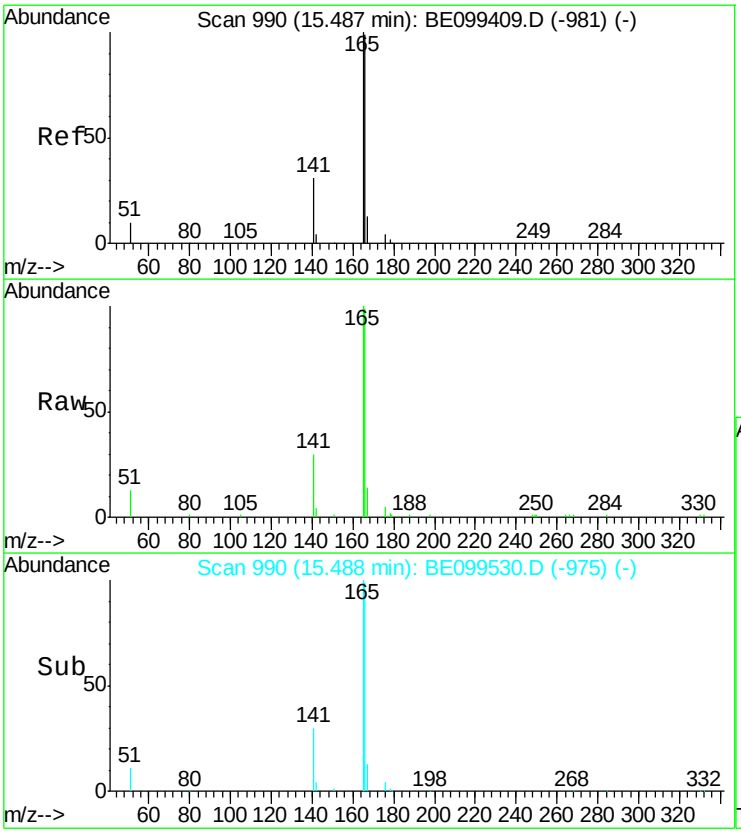
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 7148

Ion	Ratio	Lower	Upper
154	100		
153	115.6	92.6	138.8
152	57.8	45.8	68.8

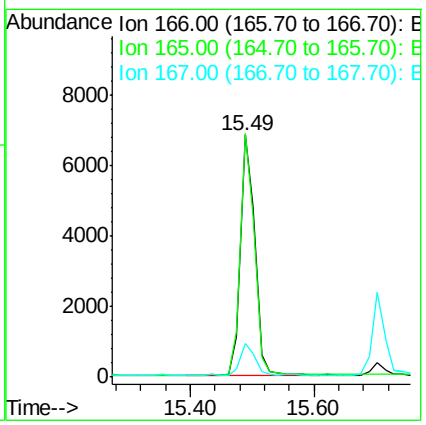


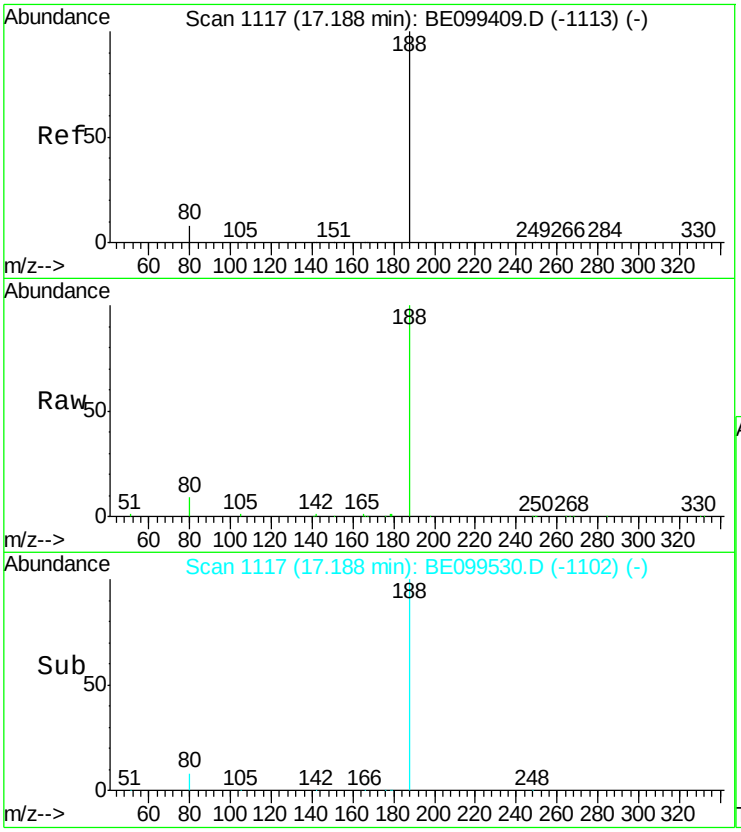


#18
Fluorene
Concen: 0.411 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:166 Resp: 10881

Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.3	120.5
167	13.9	10.7	16.1



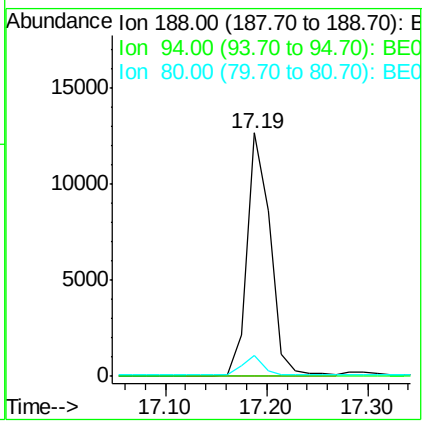


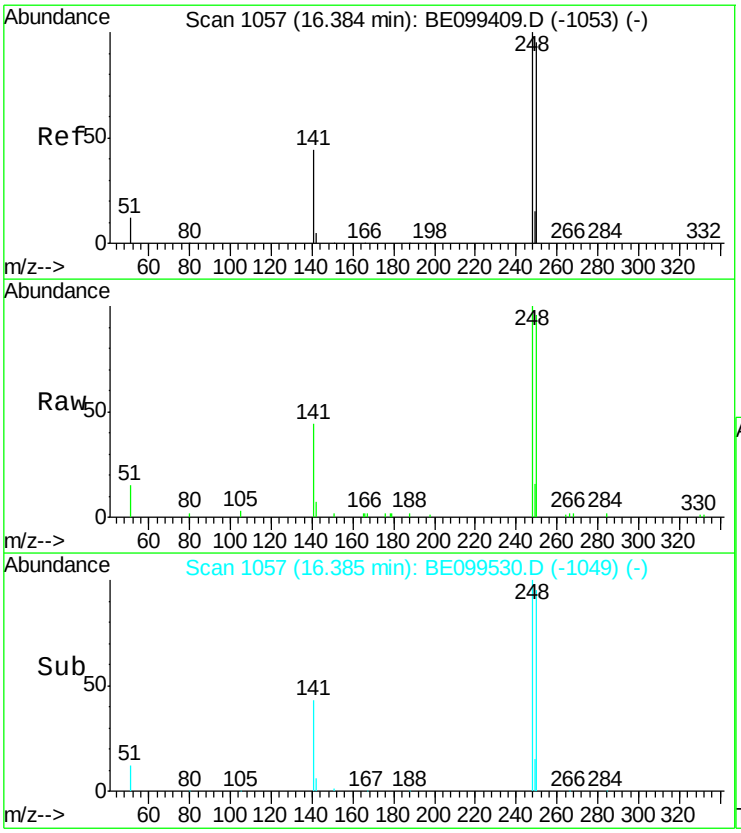
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 20002

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	6.7	10.1

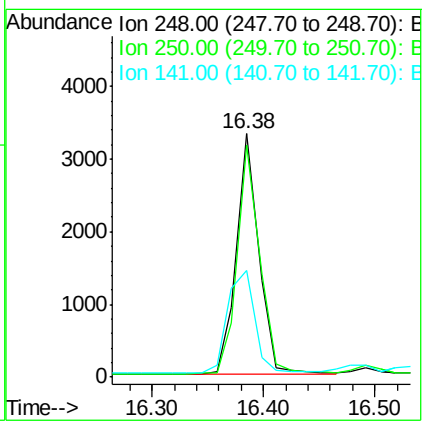


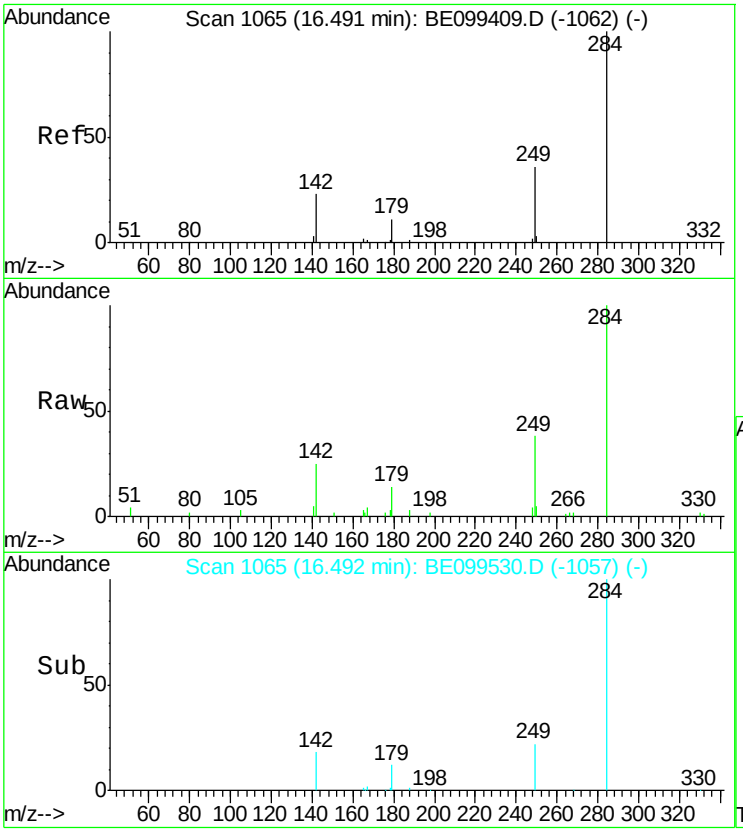


#20
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:248 Resp: 4584

Ion	Ratio	Lower	Upper
248	100		
250	95.6	75.8	113.8
141	43.9	35.7	53.5



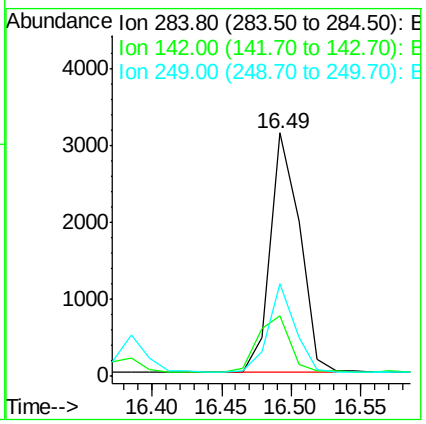


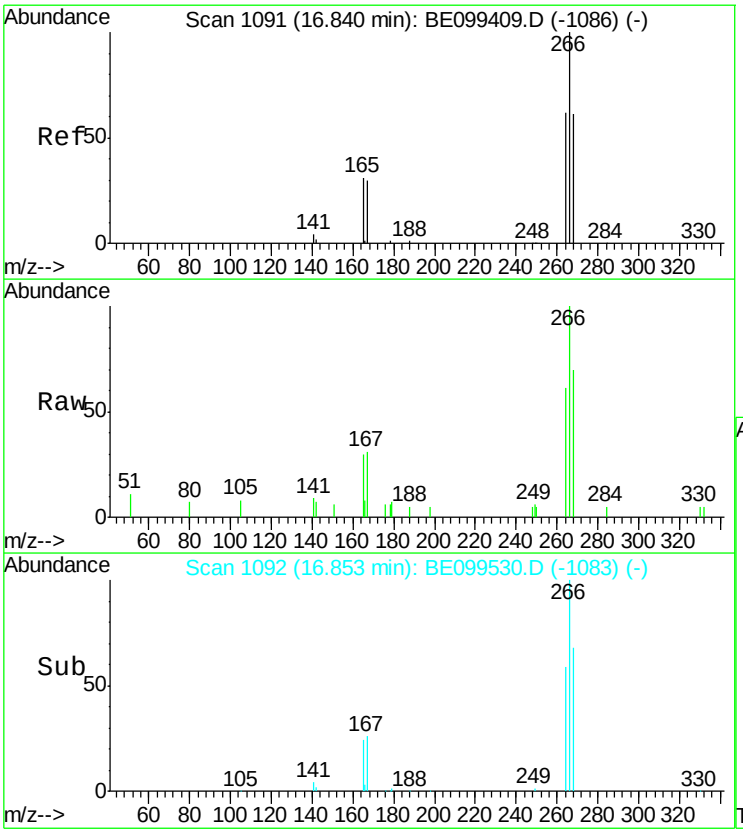
#21
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4612

Ion	Ratio	Lower	Upper
284	100		
142	25.9	21.0	31.6
249	33.3	26.7	40.1

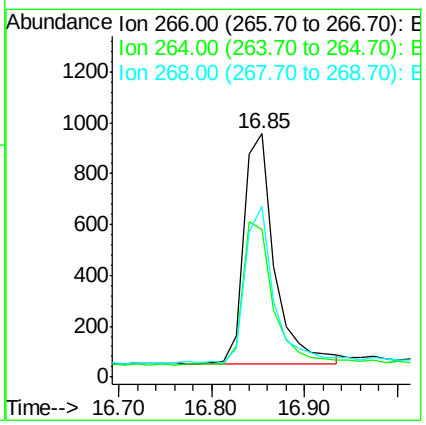


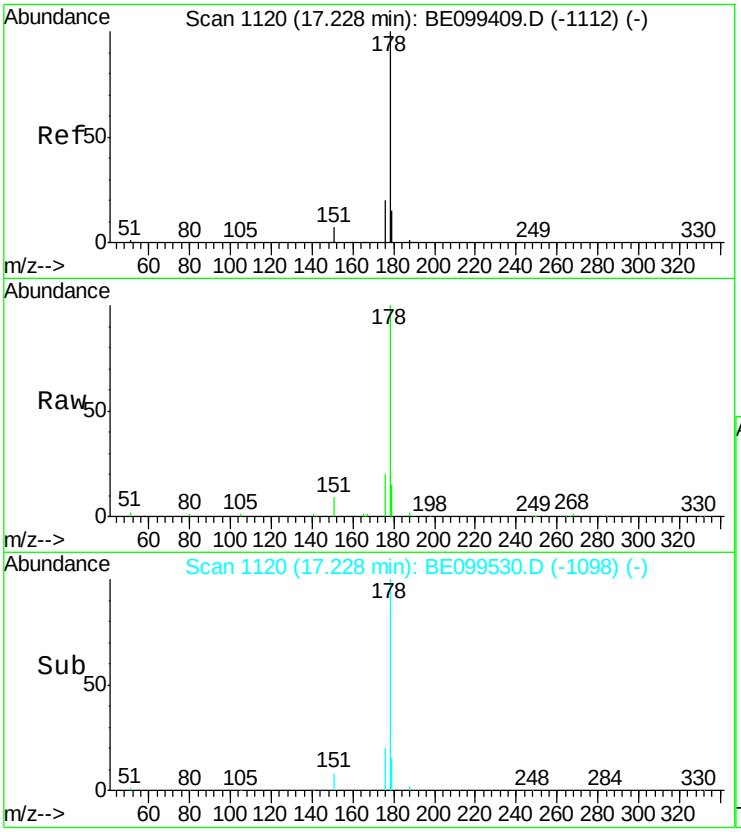


#22
Pentachlorophenol
Concen: 0.529 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:266 Resp: 2091

Ion	Ratio	Lower	Upper
266	100		
264	60.6	50.8	76.2
268	69.9	50.5	75.7



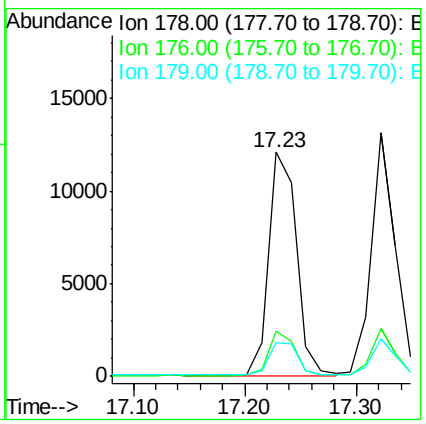


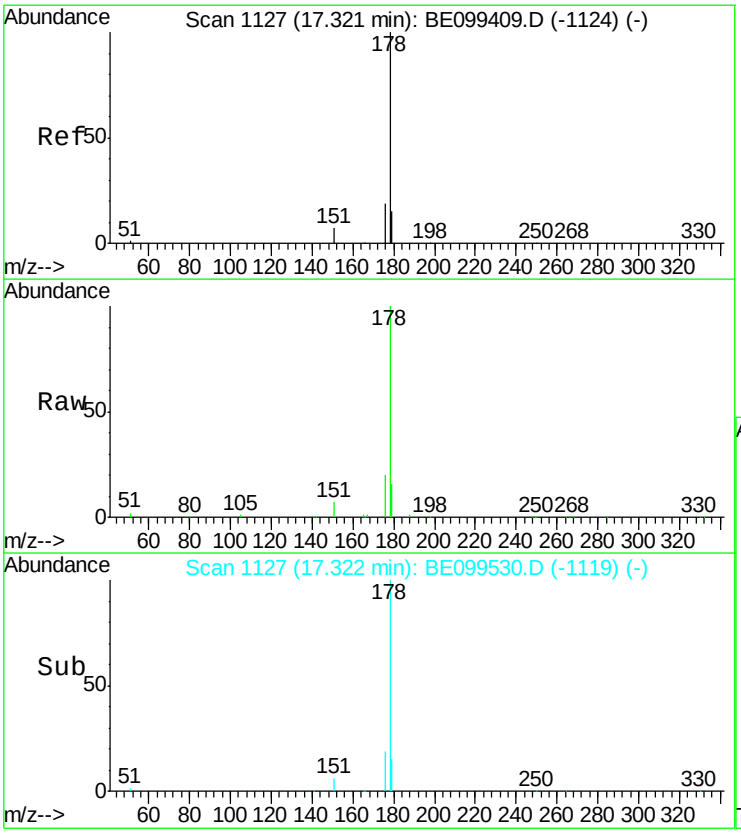
#23
Phenanthrene
Concen: 0.407 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 21031

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.5	12.0	18.0

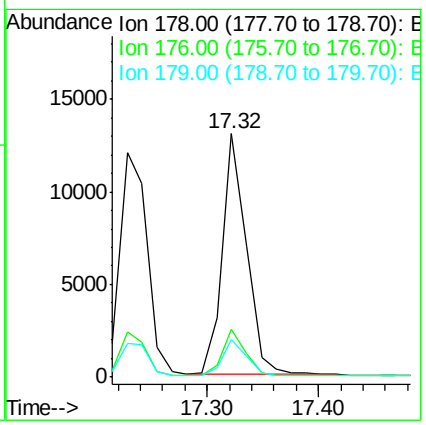


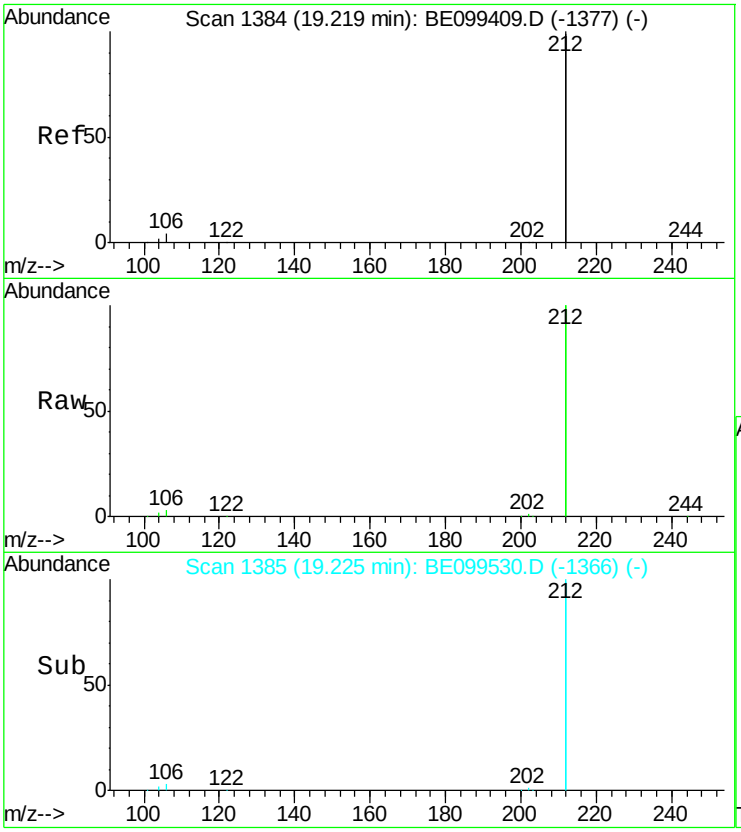


#24
Anthracene
Concen: 0.400 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:178 Resp: 19685

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	11.9	17.9



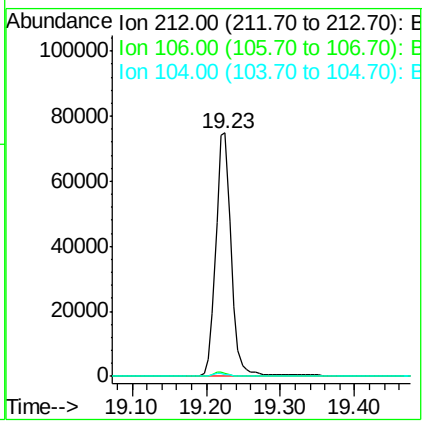


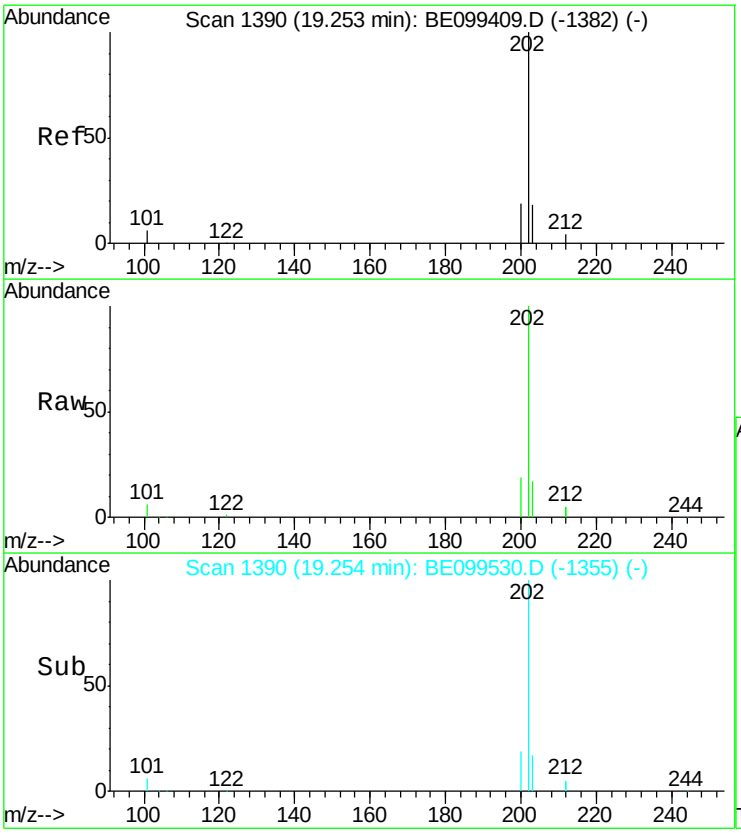
#25
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 106615

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.5	2.3
104	1.0	0.9	1.3

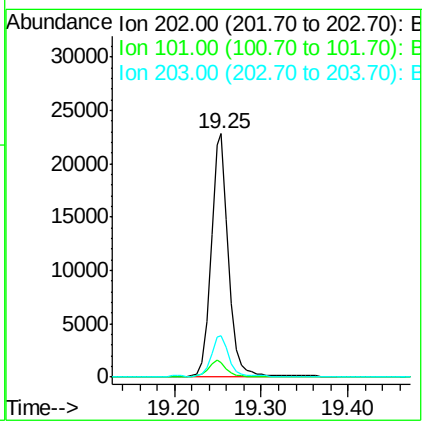


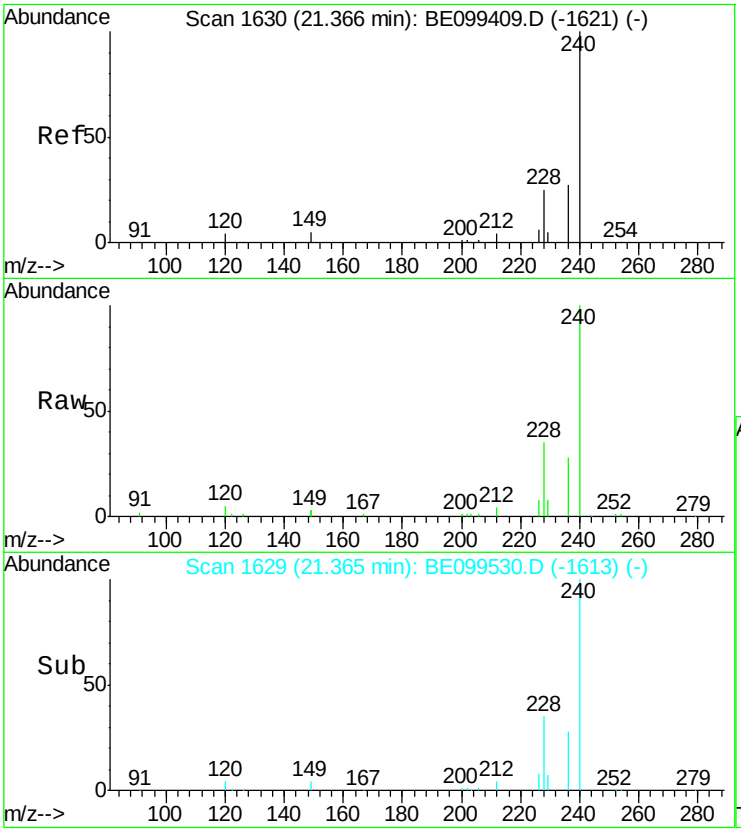


#26
Fluoranthene
Concen: 0.407 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:202 Resp: 31496

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.4	8.0
203	17.0	13.9	20.9



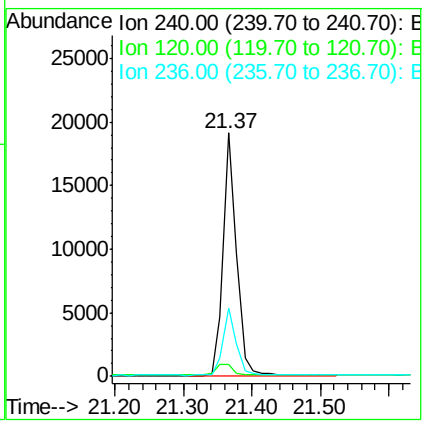


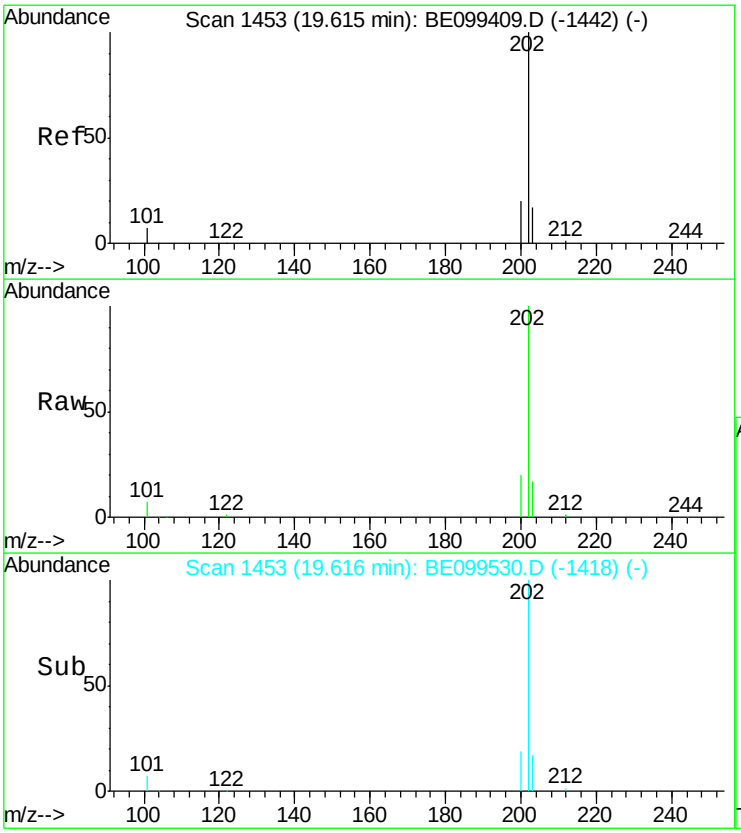
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 26267

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.0	6.0
236	28.1	22.0	33.0

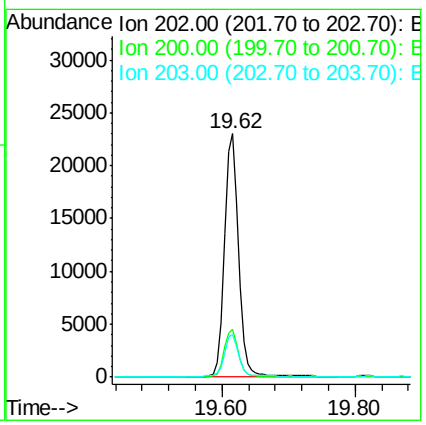


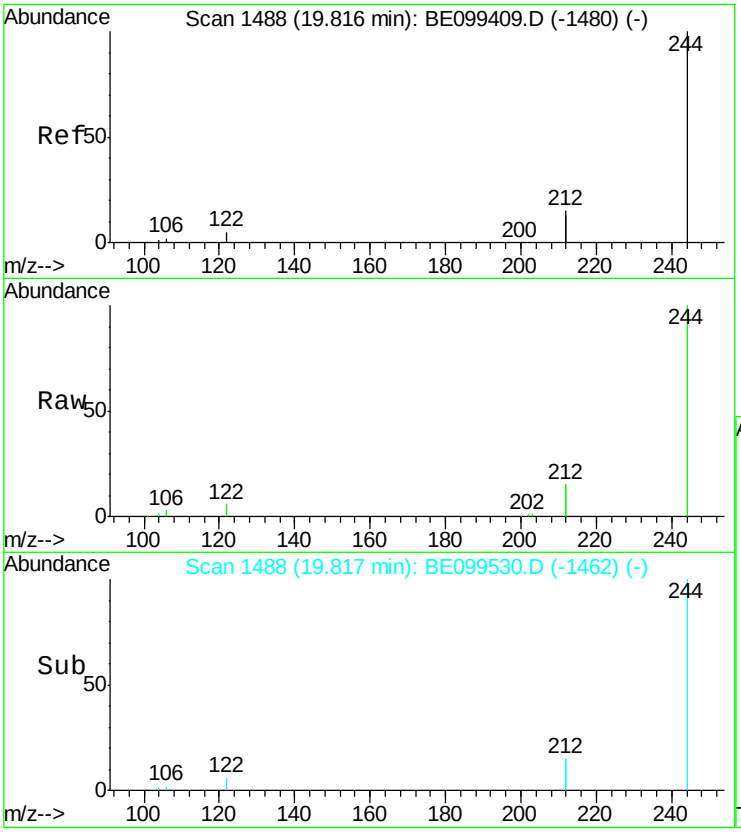


#28
Pyrene
Concen: 0.485 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:202 Resp: 33239

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.7	23.5
203	17.2	13.9	20.9



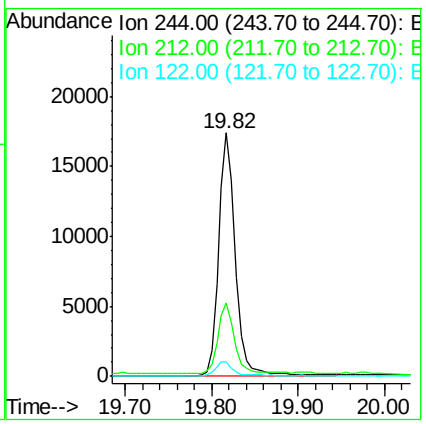


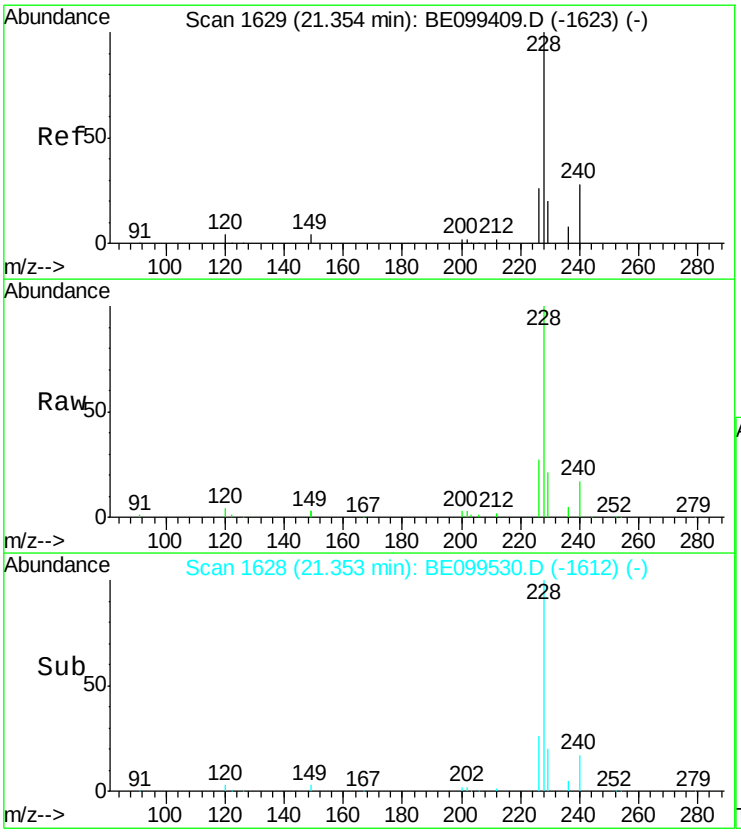
#29
Terphenyl-d14
Concen: 0.482 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 23191

Ion	Ratio	Lower	Upper
244	100		
212	30.1	23.2	34.8
122	6.1	4.2	6.4

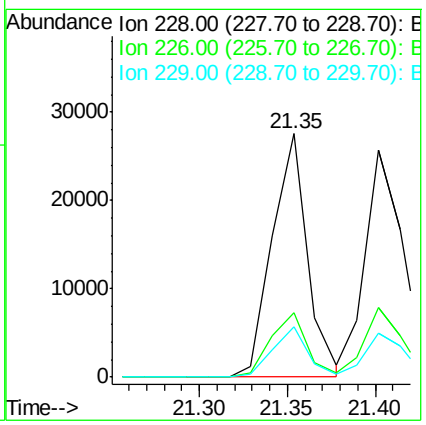


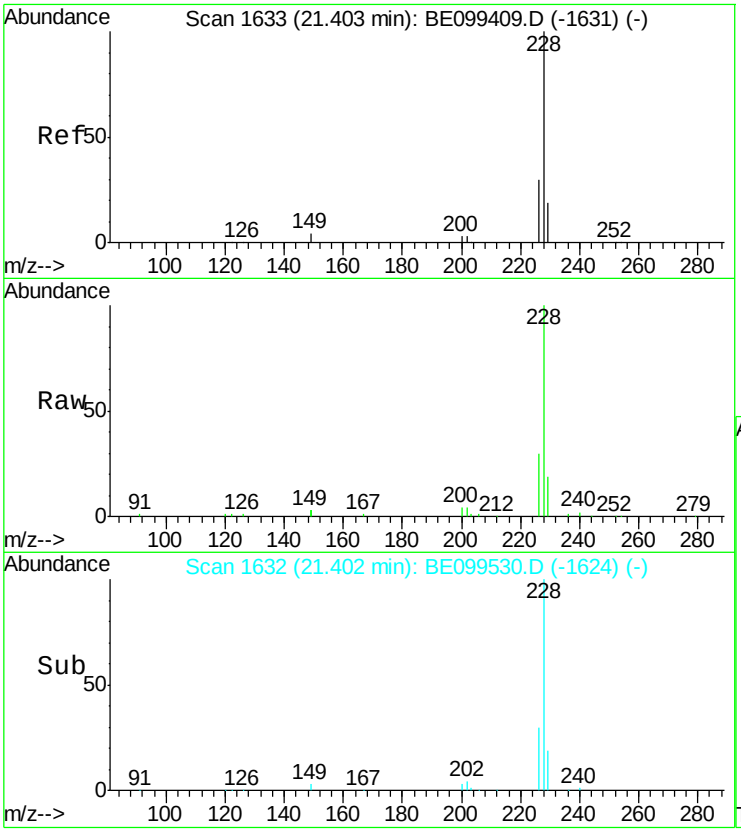


#30
Benzo(a)anthracene
Concen: 0.455 ng
RT: 21.35 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:228 Resp: 38099

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.0	31.6
229	20.5	16.6	25.0



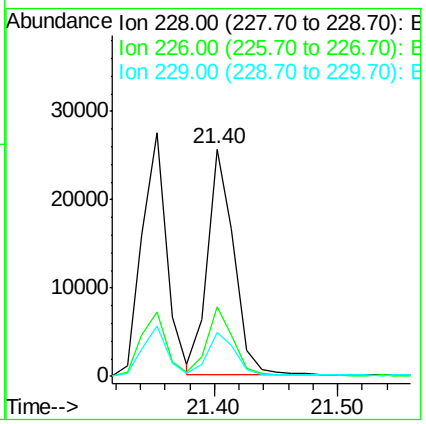


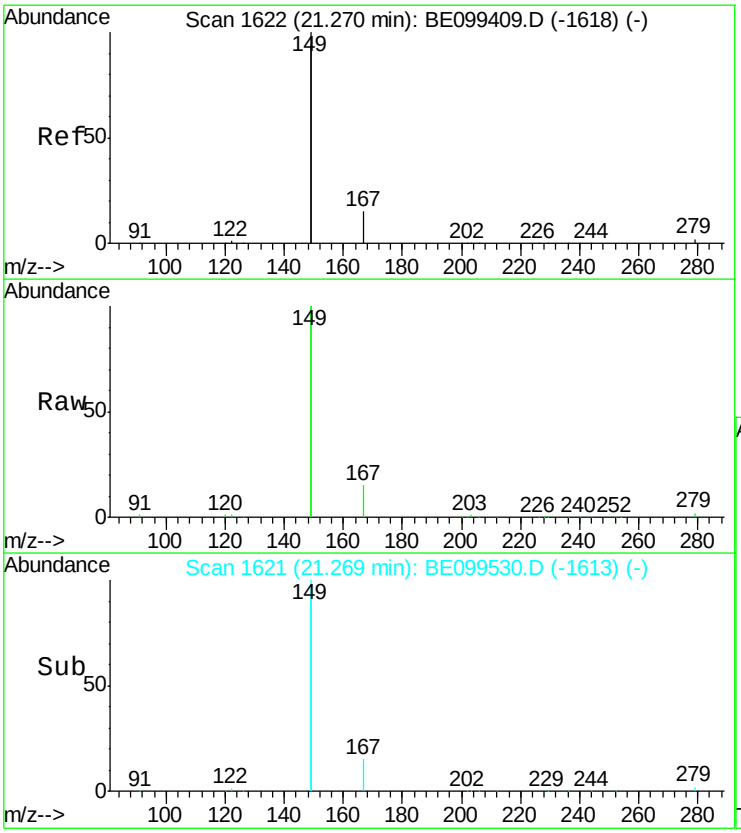
#31
Chrysene
Concen: 0.458 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 37524

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.3	15.8	23.8

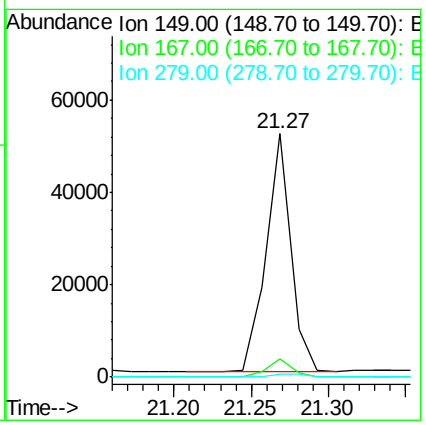


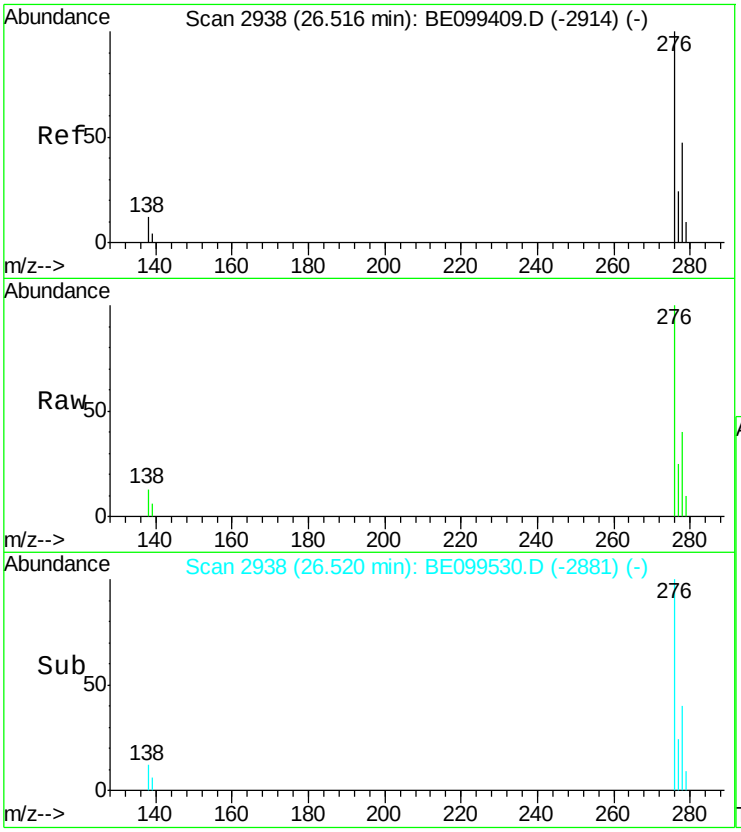


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.425 ng
RT: 21.27 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:149 Resp: 58597

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.4	1.0	1.6



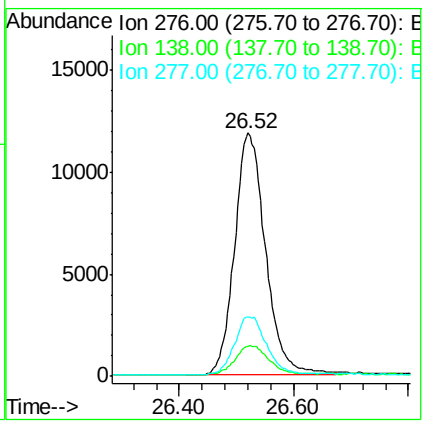


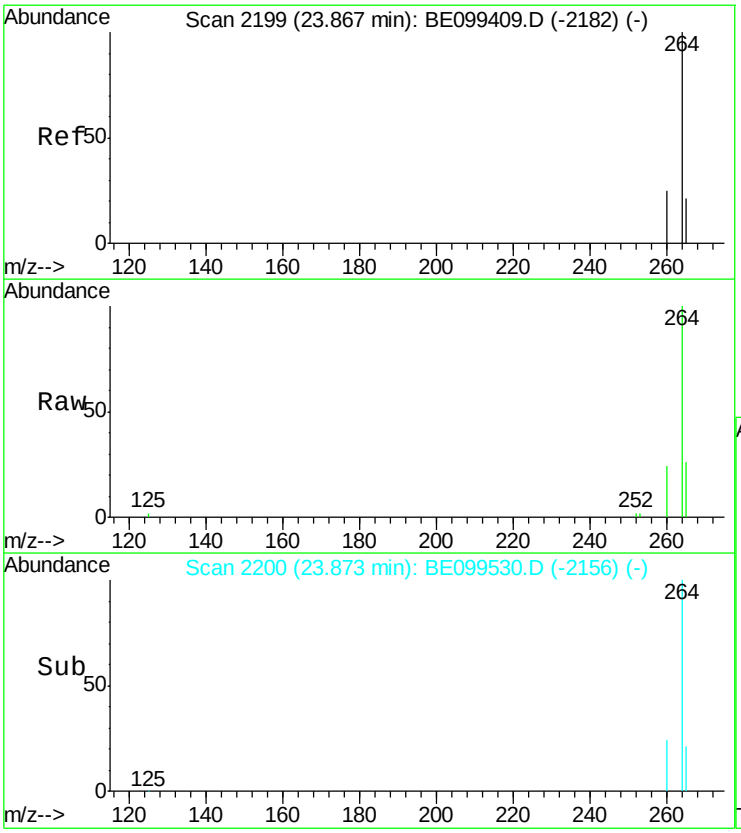
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.460 ng
RT: 26.52 min Scan# 2938
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 44483

Ion	Ratio	Lower	Upper
276	100		
138	12.6	10.2	15.2
277	24.7	19.2	28.8

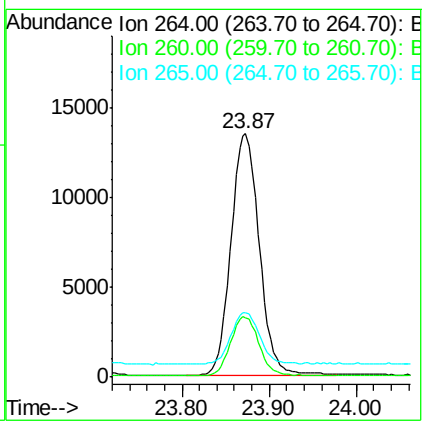


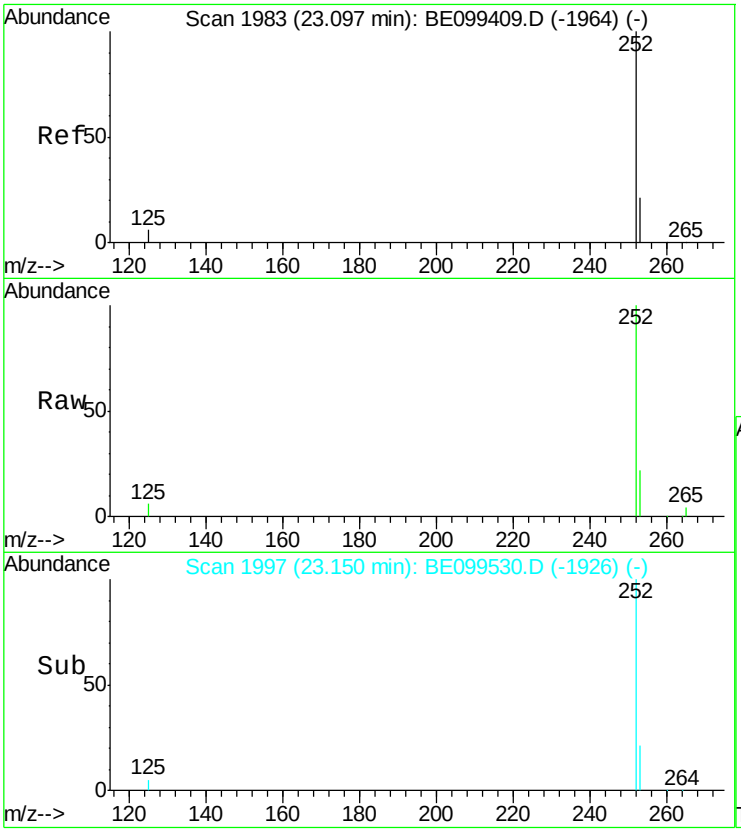


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:264 Resp: 30498

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	26.5	21.3	31.9



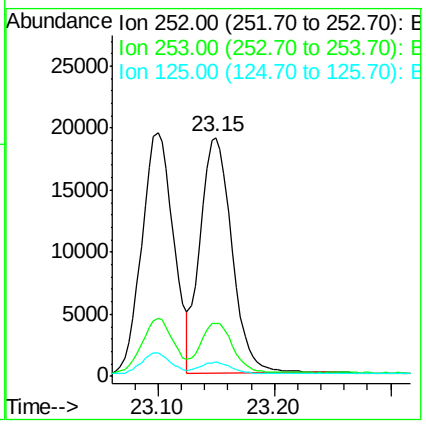


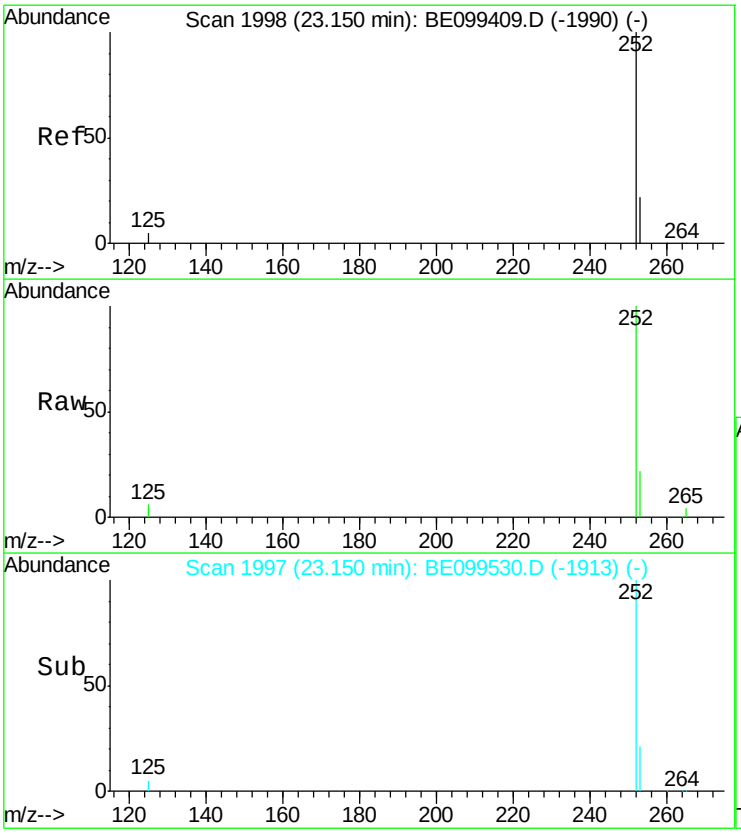
#35
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 23.15 min Scan# 1997
Delta R.T. 0.05 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 36166

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	6.0	5.6	8.4

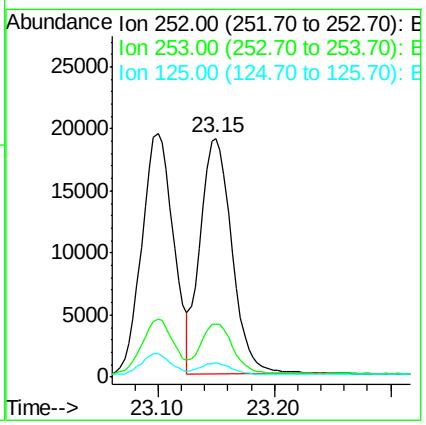


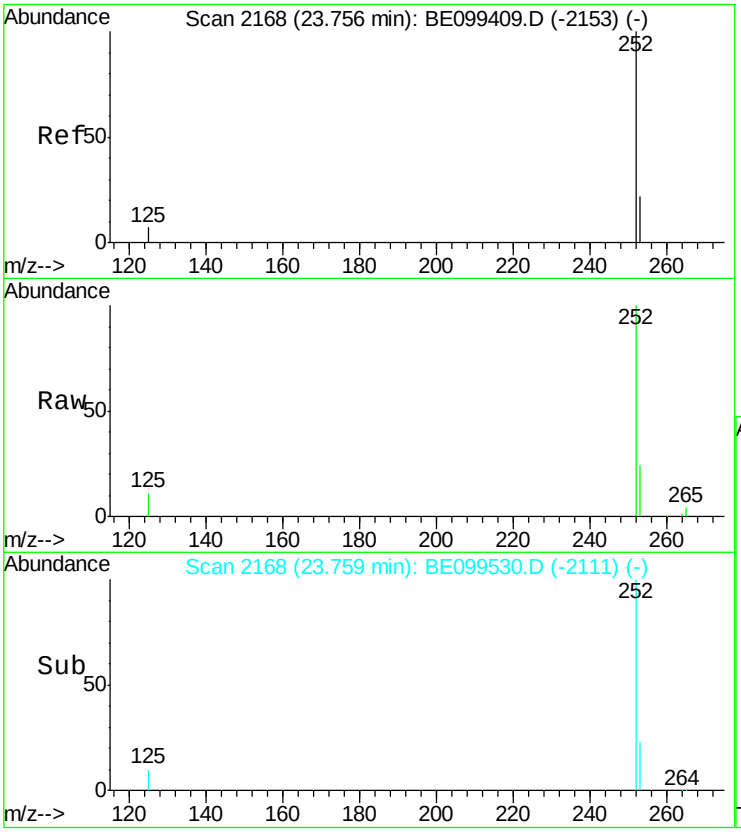


#36
Benzo(k)fluoranthene
Concen: 0.426 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:252 Resp: 36166

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	6.0	5.0	7.4



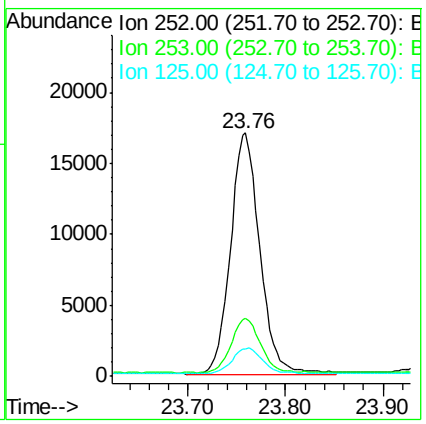


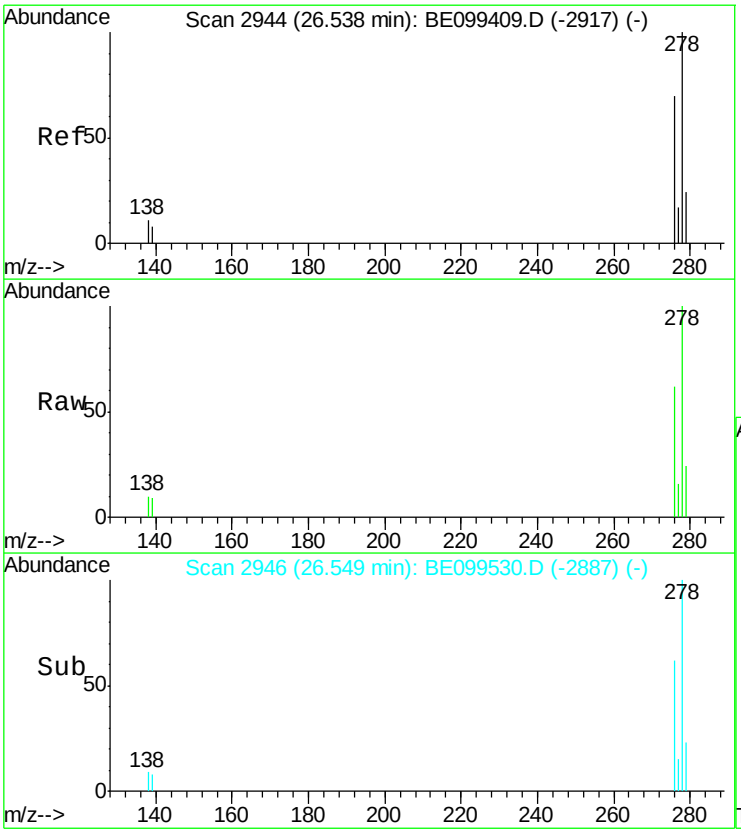
#37
Benzo(a)pyrene
Concen: 0.429 ng
RT: 23.76 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 35663

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	11.2	6.7	10.1#

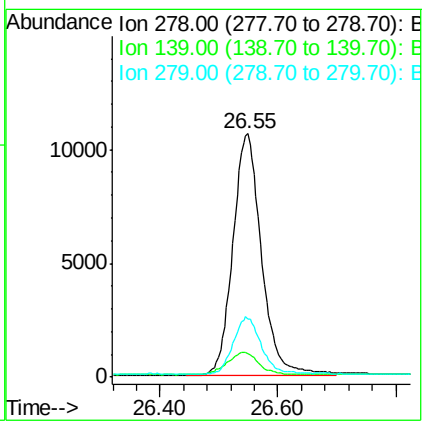


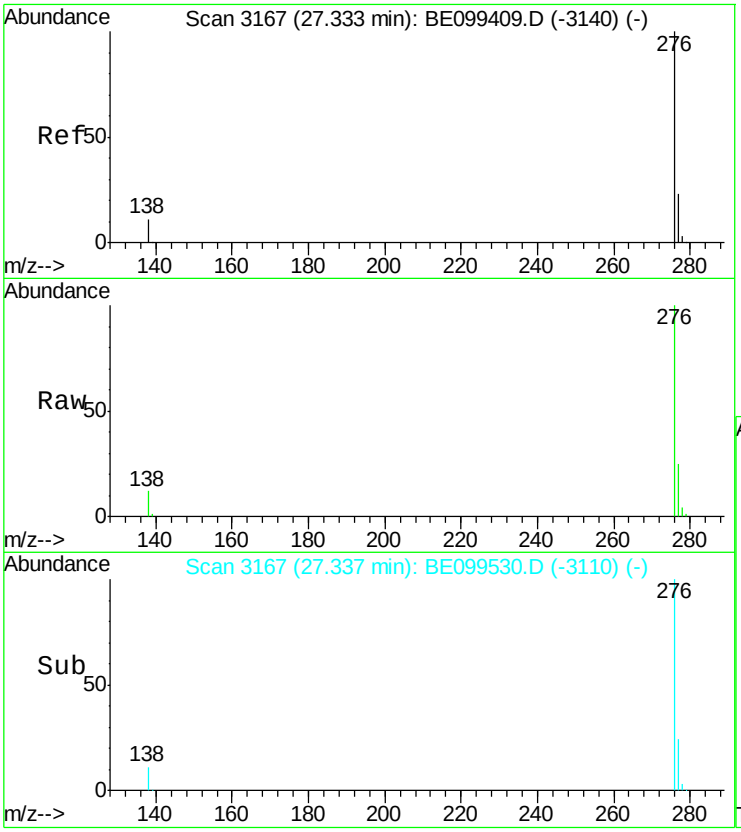


#38
Dibenzo(a,h)anthracene
Concen: 0.423 ng
RT: 26.55 min Scan# 2946
Delta R.T. 0.01 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Tgt Ion:278 Resp: 35969

Ion	Ratio	Lower	Upper
278	100		
139	9.4	7.7	11.5
279	23.8	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.426 ng
RT: 27.34 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BE099530.D
Acq: 3 May 2019 15:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 36260

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	11.6	9.6	14.4