Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051419\
Data File : BE099609.D
Acq On : 14 May 2019 17:44
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: May 14 19:12:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:05:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1543	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	5215	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	3432	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	9394	0.40	ng		0.00
27) Chrysene-d12	21.42	240	14945	0.40	ng		0.00
34) Perylene-d12	23.96	264	16675	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	6846	1.62	ng		0.00
5) Phenol-d6	6.98	99	8823	1.59	ng		0.00
8) Nitrobenzene-d5	8.98	82	8300	1.70	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	14317	1.64	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	3788	1.86	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	21431	1.61	ng		0.00
25) Fluoranthene-d10	19.27	212	203238	1.65	ng		0.00
29) Terphenyl-d14	19.86	244	42202	1.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	3400	1.563	ng		91
3) n-Nitrosodimethylamine	3.62	42	2268	1.684	ng	#	98
6) bis(2-Chloroethyl)ether	7.24	93	7427	1.612	ng		94
9) Naphthalene	10.67	128	89924	1.618	ng		99
10) Hexachlorobutadiene	10.94	225	6386	1.592	ng		99
12) 2-Methylnaphthalene	12.29	142	14889	1.640	ng		100
16) Acenaphthylene	14.21	152	26771	1.611	ng		100
17) Acenaphthene	14.54	154	14617	1.576	ng		100
18) Fluorene	15.53	166	21185	1.600	ng		100
20) 4-Bromophenyl-phenylether	16.42	248	8874	1.656	ng		98
21) Hexachlorobenzene	16.53	284	8899	1.654	ng		98
22) Pentachlorophenol	16.89	266	3367	1.565	ng		94
23) Phenanthrene	17.27	178	37886	1.625	ng		100
24) Anthracene	17.36	178	36346	1.660	ng		99
26) Fluoranthene	19.29	202	57828	1.648	ng		99
28) Pyrene	19.66	202	59472	1.510	ng		100
30) Benzo(a)anthracene	21.40	228	72577	1.590	ng		99
31) Chrysene	21.45	228	73634	1.614	ng		96
32) Bis(2-ethylhexyl)phthalate	21.32	149	101816	1.552	ng		100
33) Indeno(1,2,3-cd)pyrene	26.65	276	93806	1.648	ng		99
35) Benzo(b)fluoranthene	23.17	252	75480	1.639	ng	#	94
36) Benzo(k)fluoranthene	23.22	252	74040	1.617	ng		97
37) Benzo(a)pyrene	23.84	252	72260	1.619	ng	#	94
38) Dibenzo(a,h)anthracene	26.68	278	76963	1.650	ng		98
39) Benzo(g,h,i)perylene	27.49	276	77486	1.641	ng		99

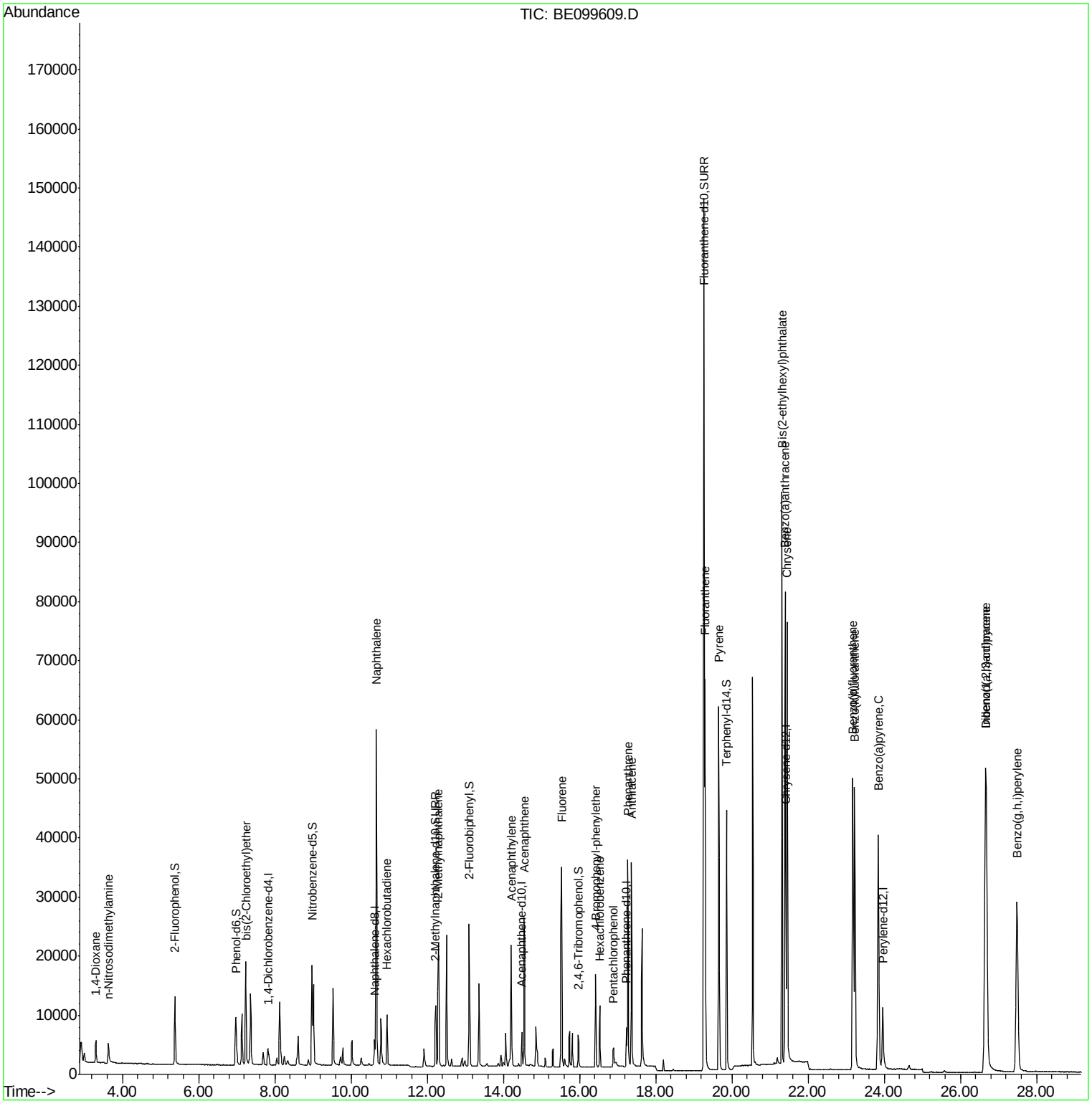
(#) = qualifier out of range (m) = manual integration (+) = signals summed

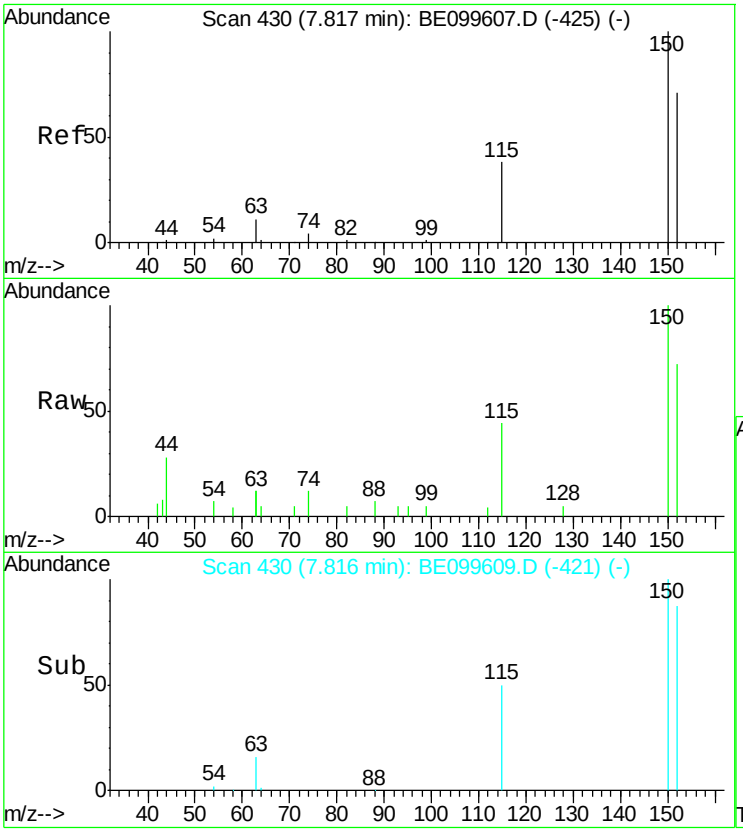
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051419\
Data File : BE099609.D
Acq On : 14 May 2019 17:44
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: May 14 19:12:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:05:18 2019
Response via : Initial Calibration



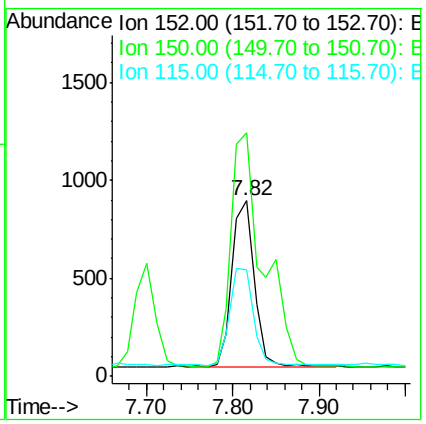


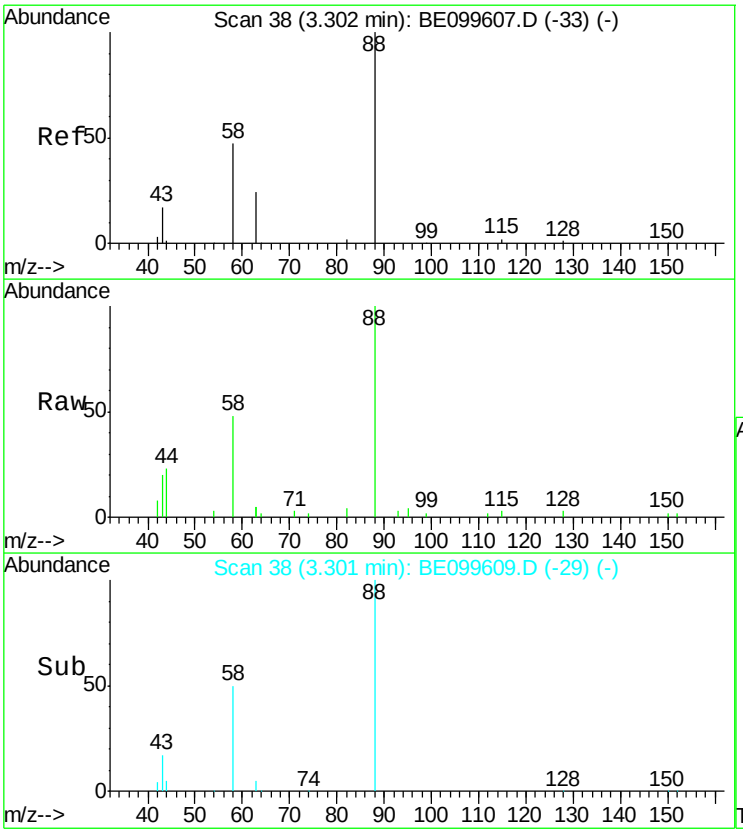
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 1543

Ion	Ratio	Lower	Upper
152	100		
150	138.9	110.1	165.1
115	61.1	46.2	69.4

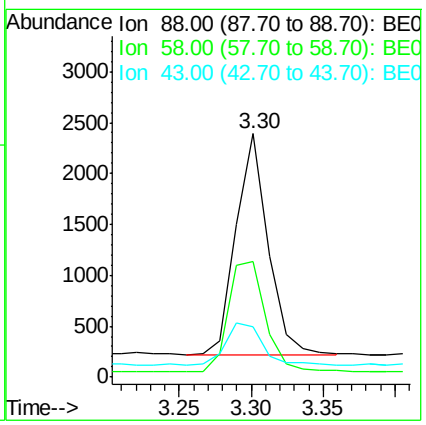


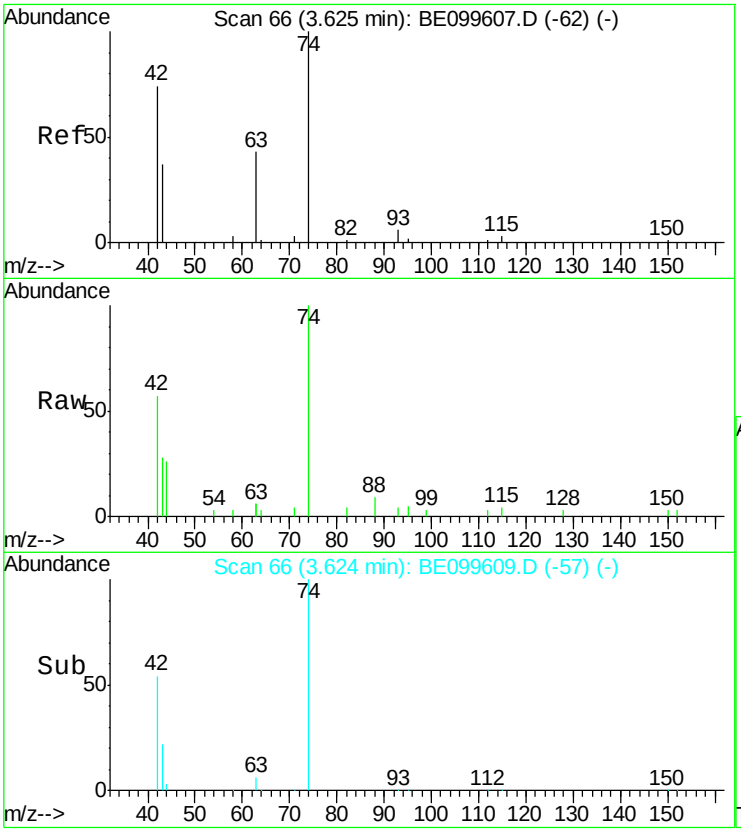


#2
1,4-Dioxane
Concen: 1.563 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion: 88 Resp: 3400

Ion	Ratio	Lower	Upper
88	100		
58	57.1	39.8	59.6
43	22.8	21.0	31.6



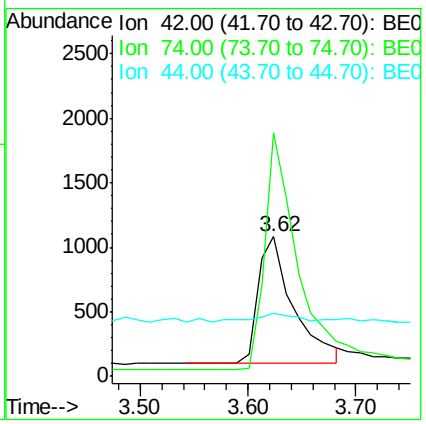


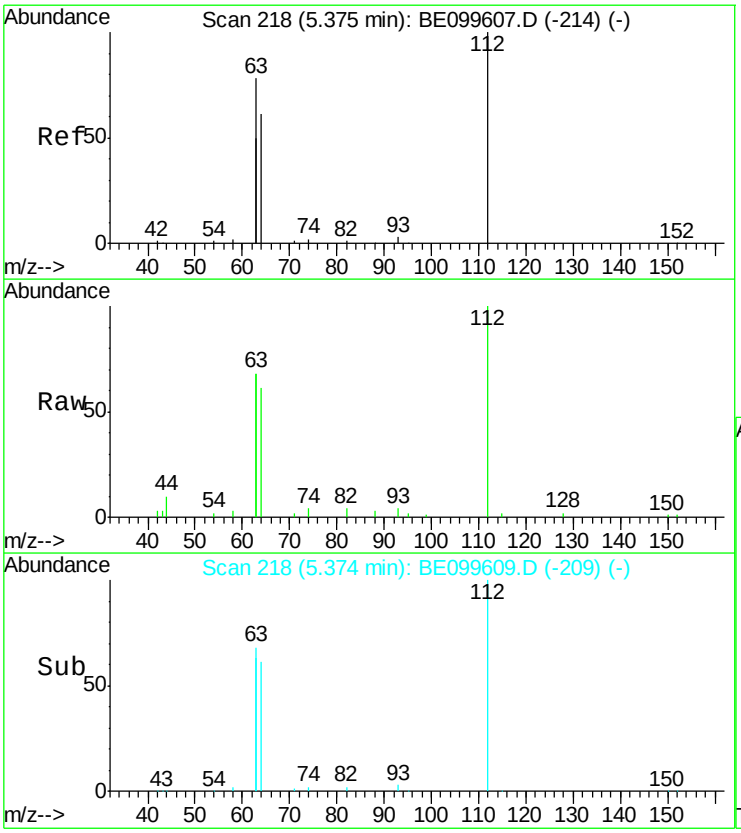
#3
n-Nitrosodimethylamine
Concen: 1.684 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 2268

Ion	Ratio	Lower	Upper
42	100		
74	169.0	134.7	202.1
44	8.8	12.5	18.7#

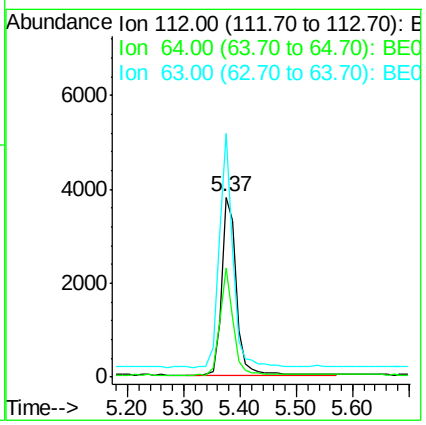


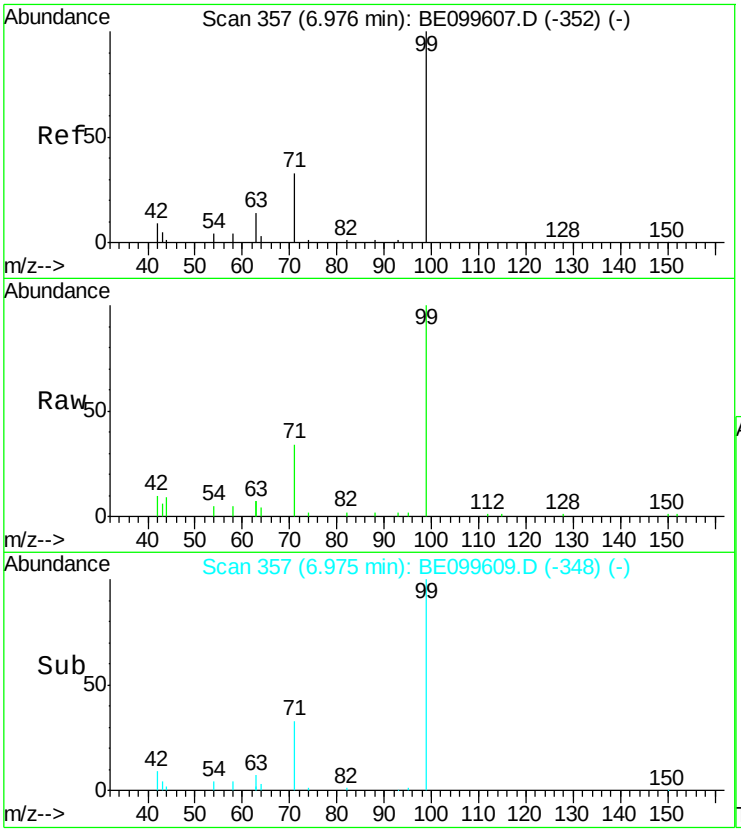


#4
2-Fluorophenol
Concen: 1.622 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:112 Resp: 6846

Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.7	65.5
63	121.2	94.0	141.0



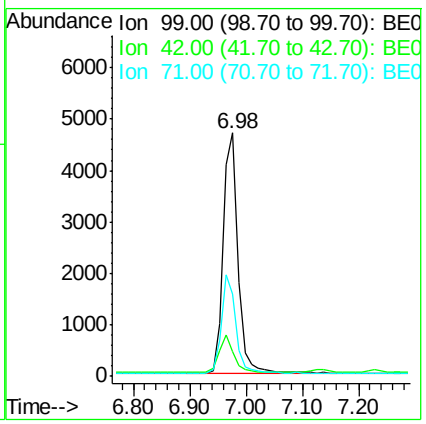


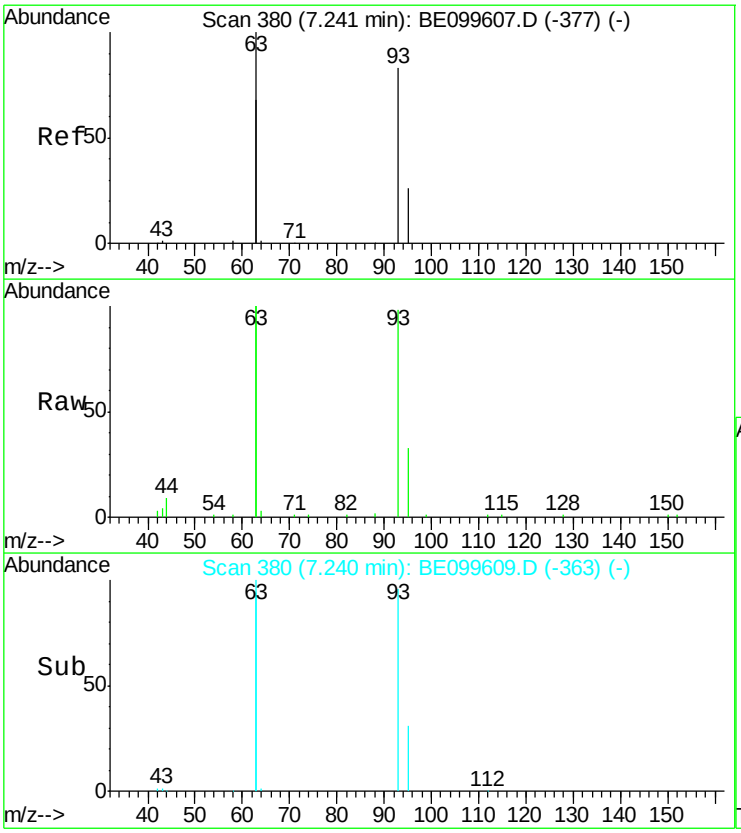
#5
Phenol-d6
Concen: 1.591 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 8823

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.3	21.5
71	39.0	33.1	49.7

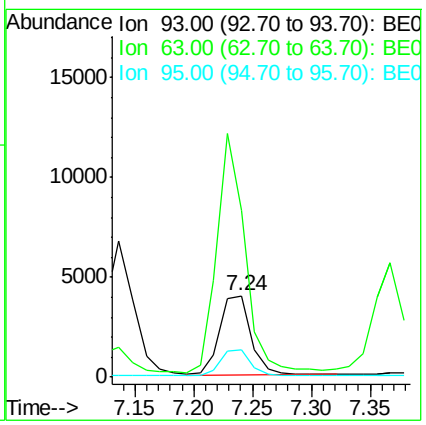


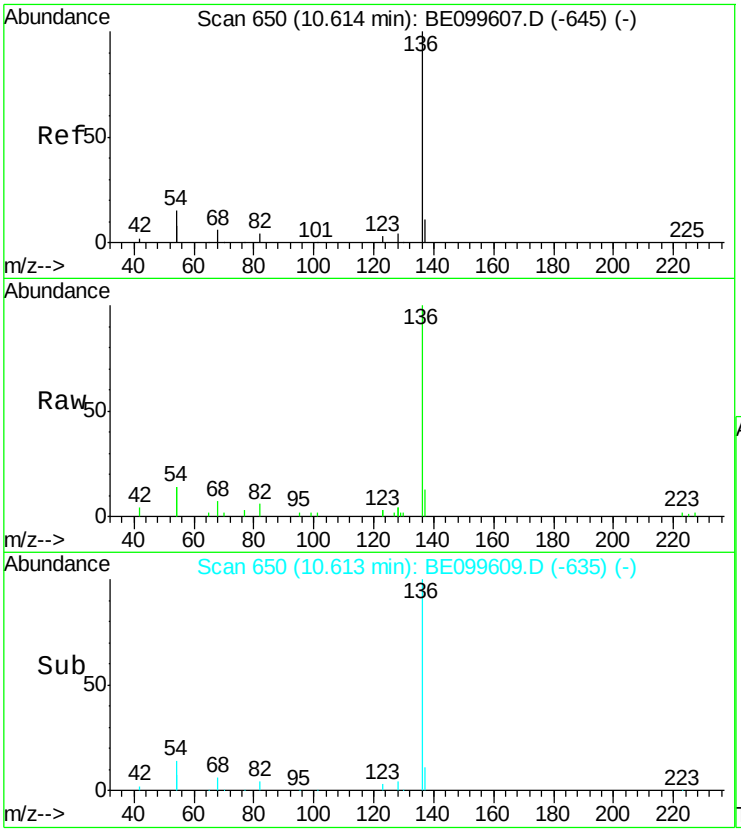


#6
bis(2-Chloroethyl)ether
Concen: 1.612 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion: 93 Resp: 7427

Ion	Ratio	Lower	Upper
93	100		
63	262.3	201.0	301.4
95	32.2	25.0	37.4



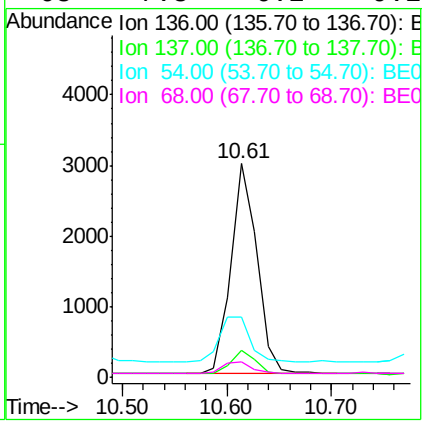


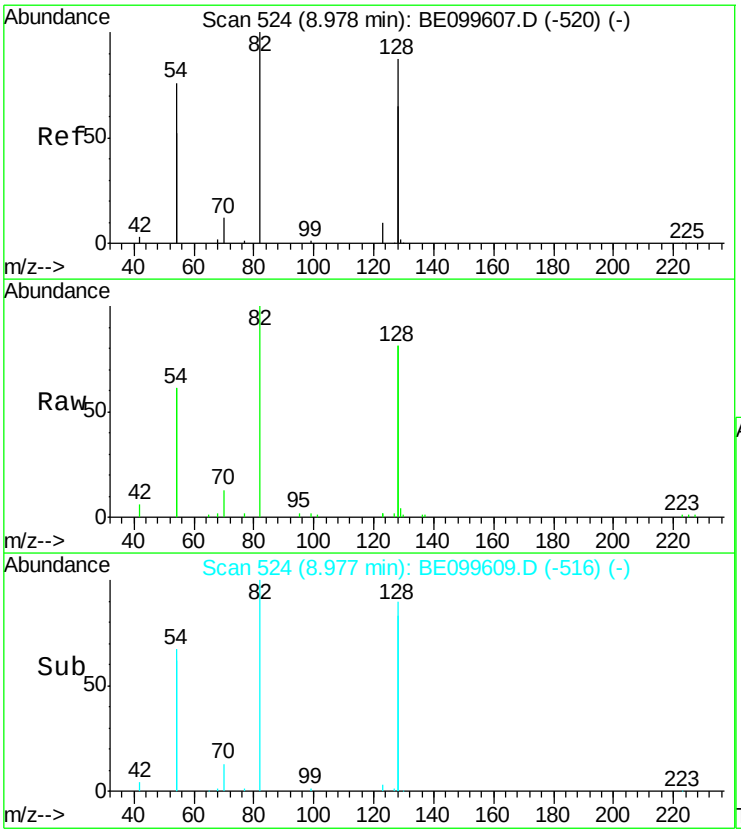
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 5215

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.7	14.5
54	28.4	23.8	35.8
68	7.3	6.2	9.2

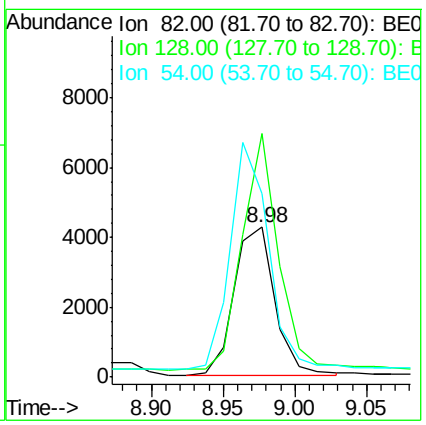


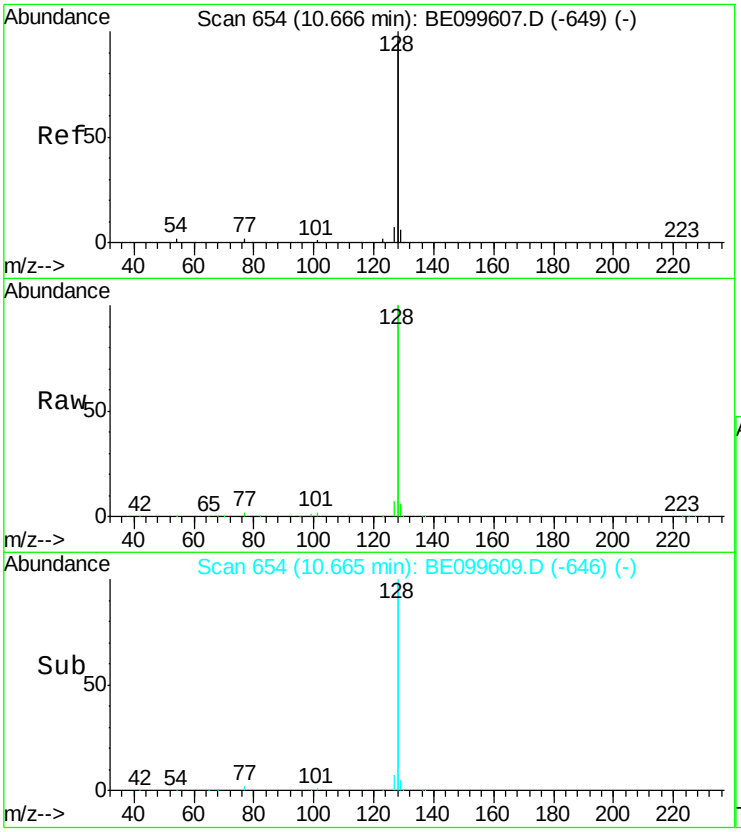


#8
Nitrobenzene-d5
Concen: 1.696 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion: 82 Resp: 8300

Ion	Ratio	Lower	Upper
82	100		
128	162.2	131.4	197.2
54	122.0	113.9	170.9



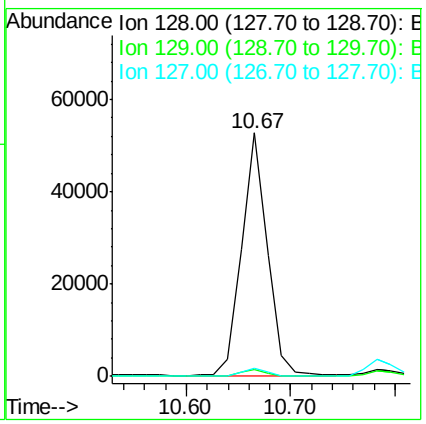


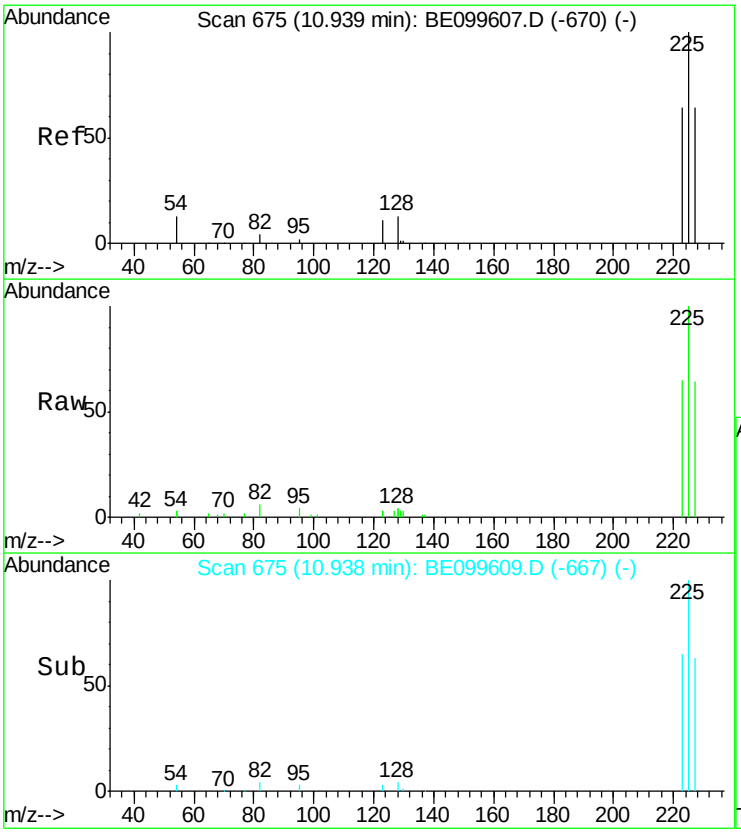
#9
Naphthalene
Concen: 1.618 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 89924

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	4.0
127	3.4	3.0	4.6

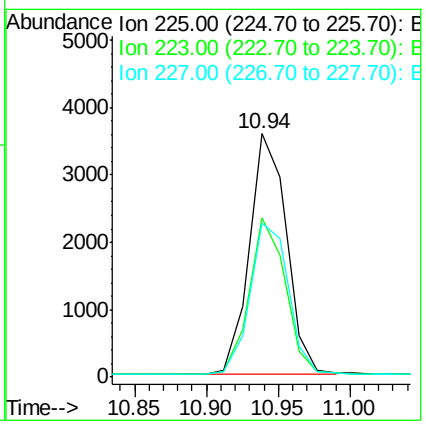


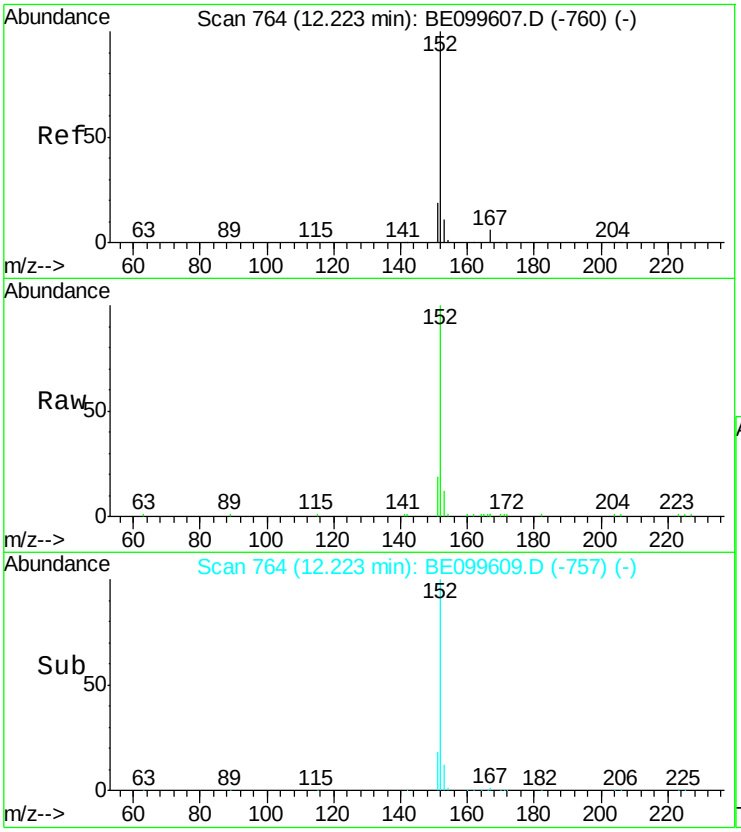


#10
Hexachlorobutadiene
Concen: 1.592 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:225 Resp: 6386

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	65.0	51.2	76.8



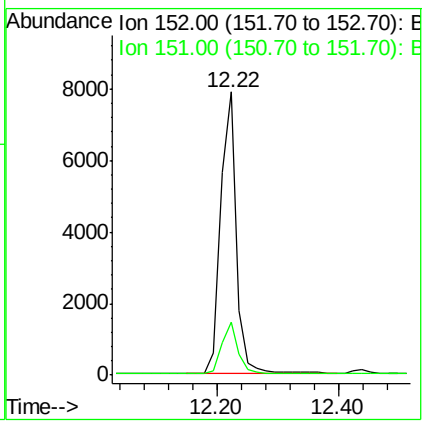


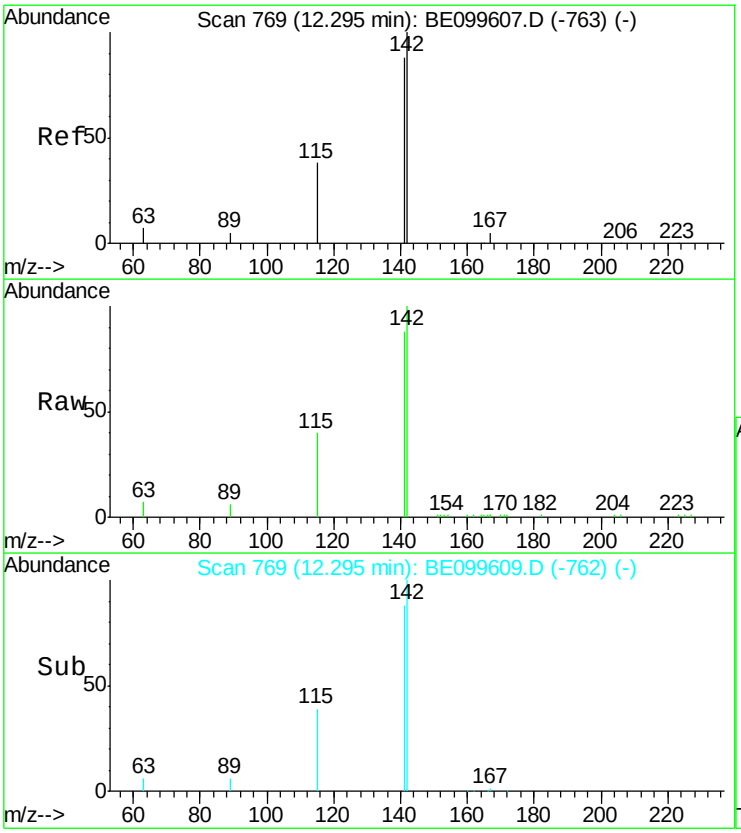
#11
2-Methylnaphthalene-d10
Concen: 1.640 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 14317

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

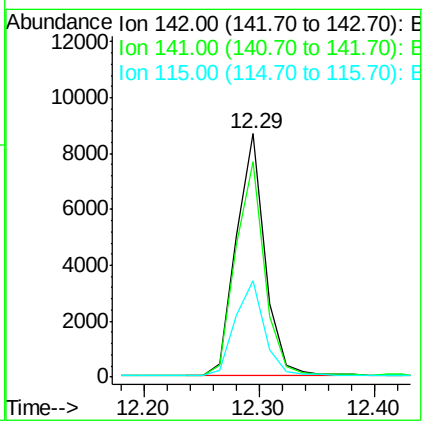


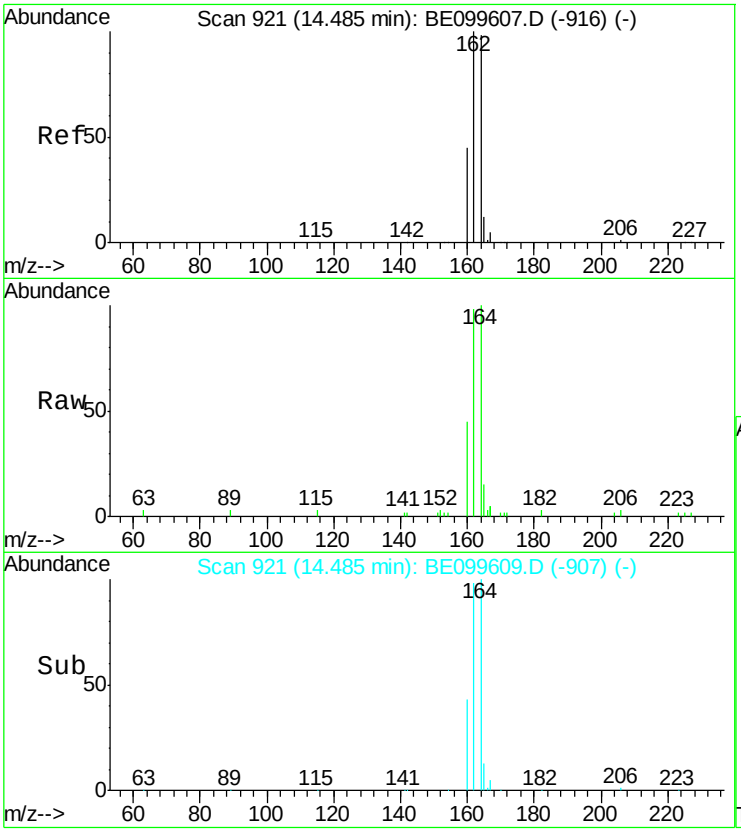


#12
2-Methylnaphthalene
Concen: 1.640 ng
RT: 12.29 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:142 Resp: 14889

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	39.8	32.2	48.4



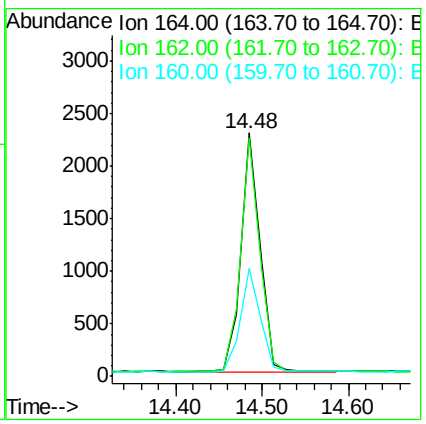


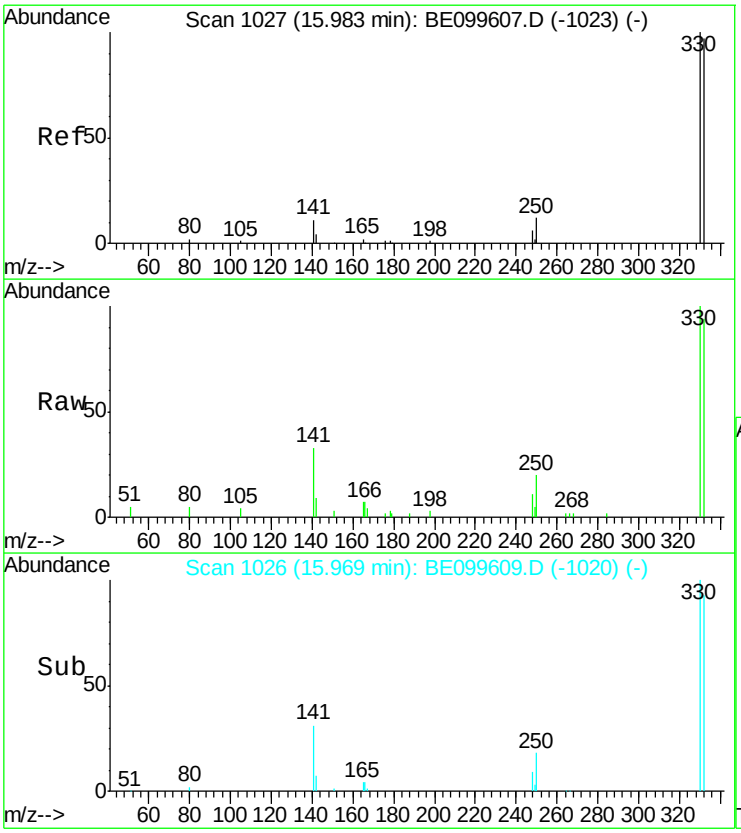
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 3432

Ion	Ratio	Lower	Upper
164	100		
162	97.8	81.4	122.0
160	44.5	37.4	56.2

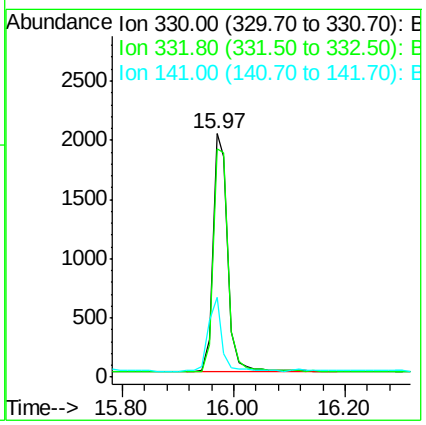


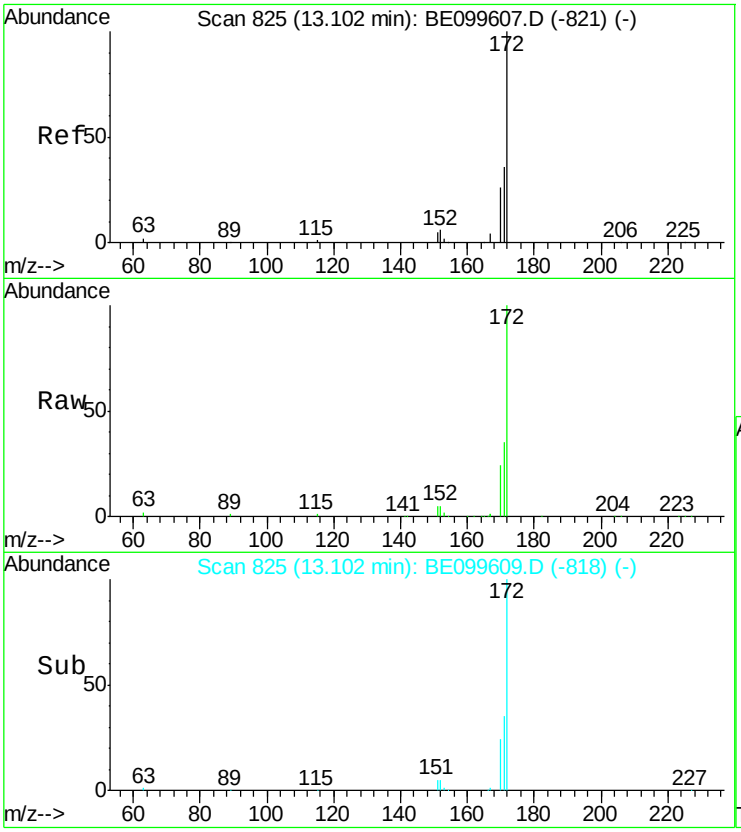


#14
2,4,6-Tribromophenol
Concen: 1.861 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:330 Resp: 3788

Ion	Ratio	Lower	Upper
330	100		
332	96.3	73.8	110.8
141	28.0	21.0	31.6



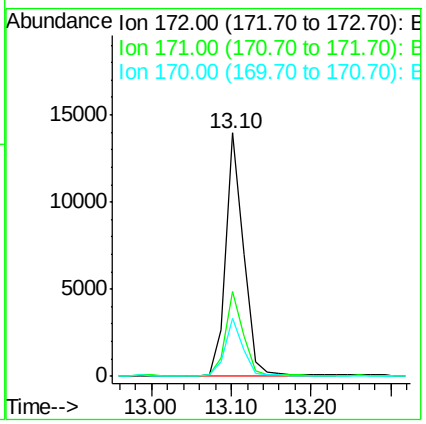


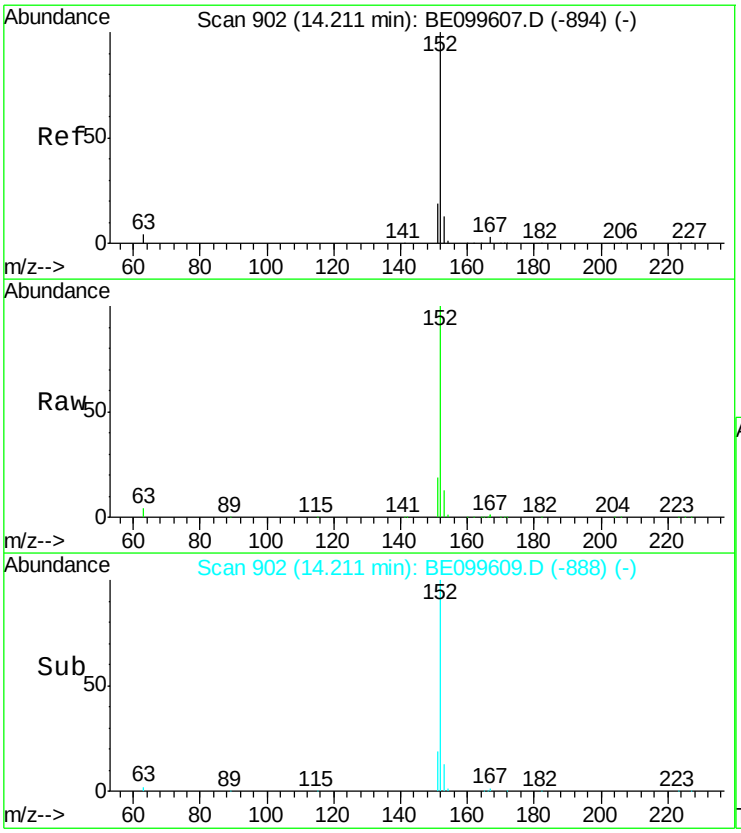
#15
2-Fluorobiphenyl
Concen: 1.611 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 21431

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.2
170	24.0	21.5	32.3

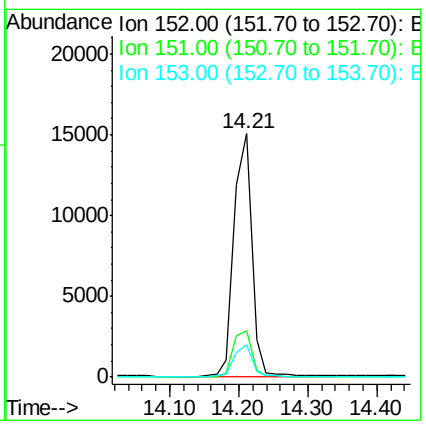


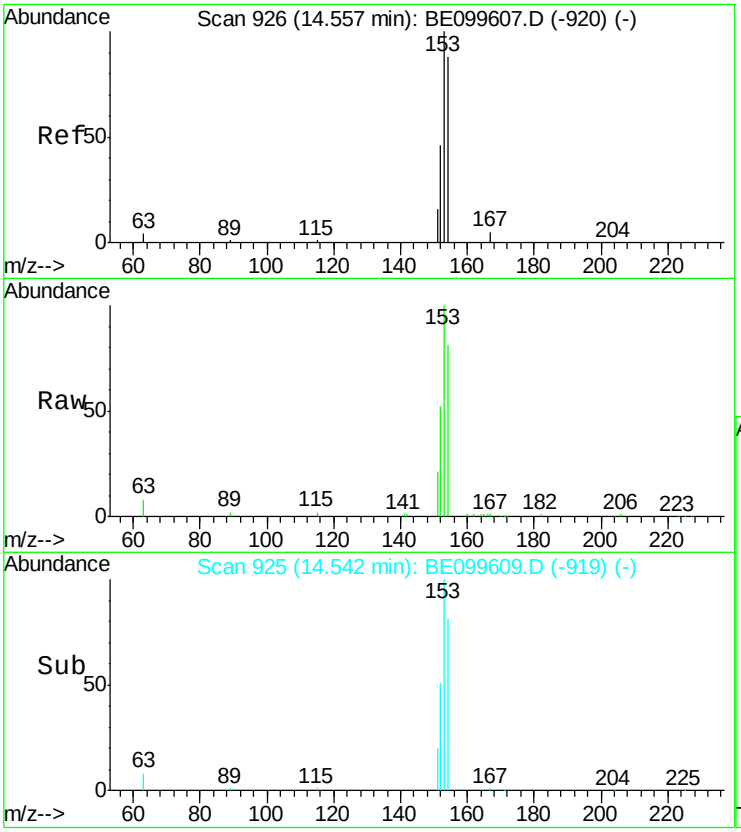


#16
Acenaphthylene
Concen: 1.611 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:152 Resp: 26771

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	12.8	10.4	15.6



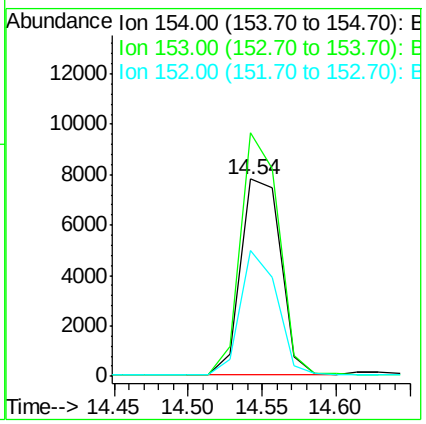


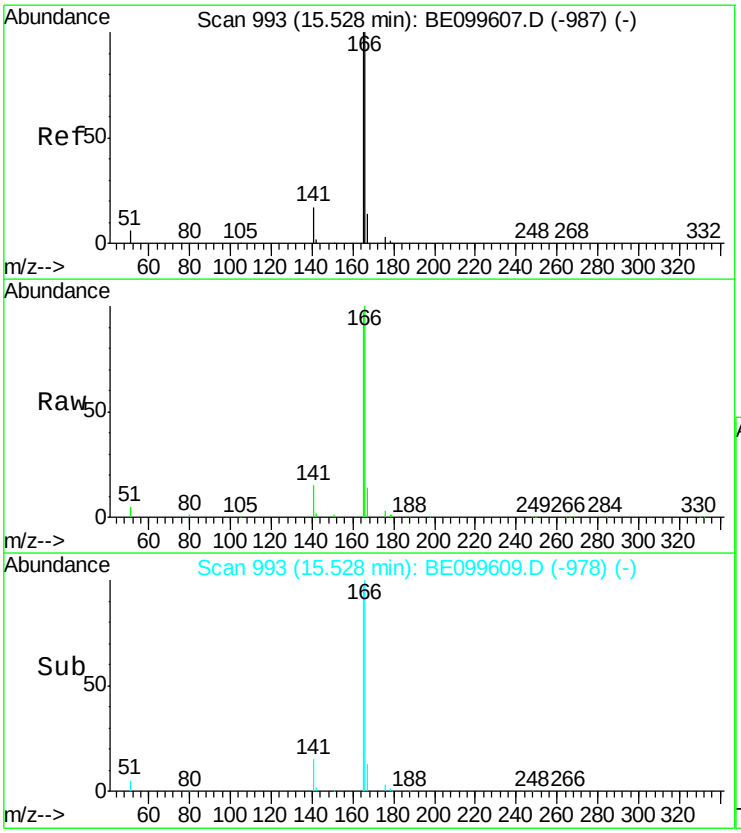
#17
Acenaphthene
Concen: 1.576 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 14617

Ion	Ratio	Lower	Upper
154	100		
153	117.5	94.1	141.1
152	58.4	46.5	69.7

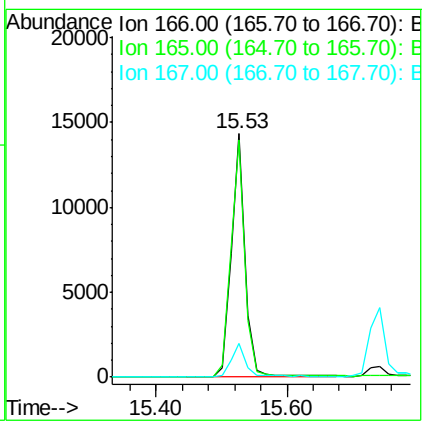


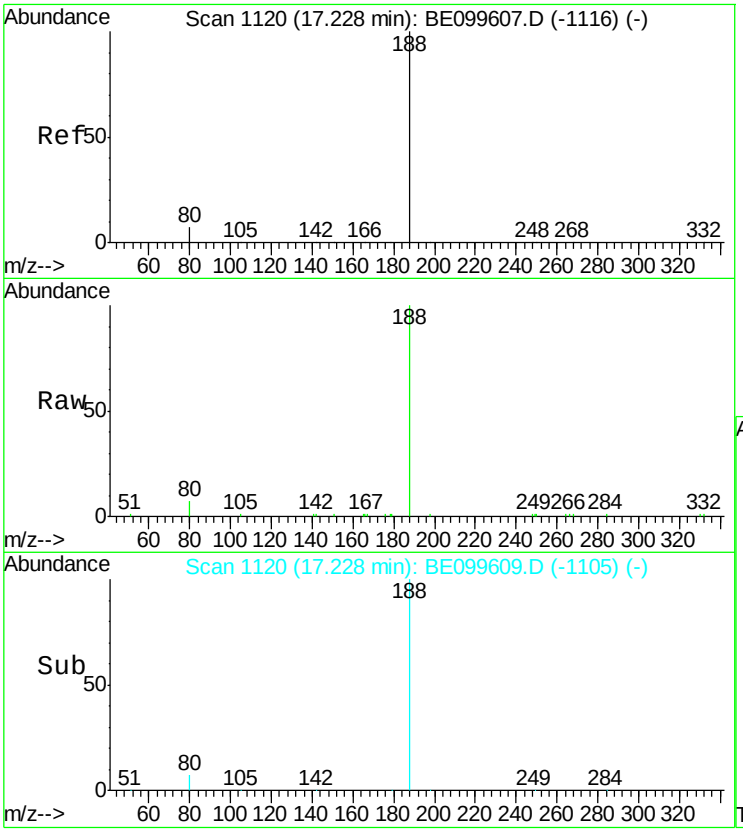


#18
Fluorene
Concen: 1.600 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:166 Resp: 21185

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.5	11.2	16.8



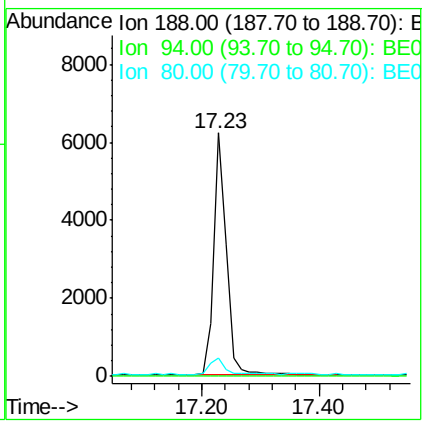


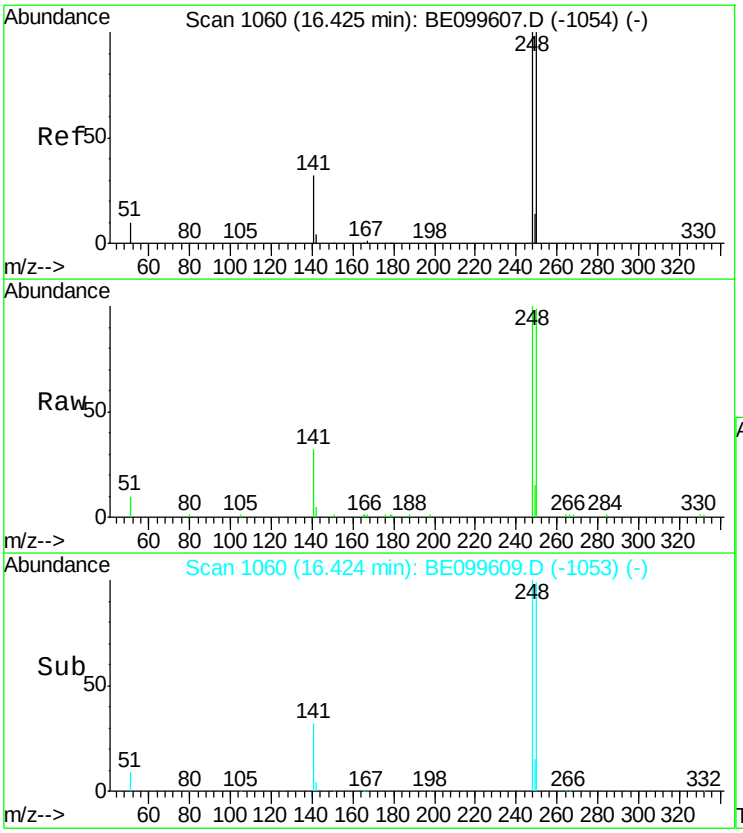
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 9394

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.4	9.6

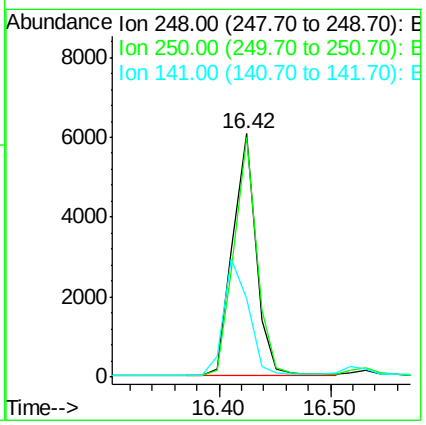


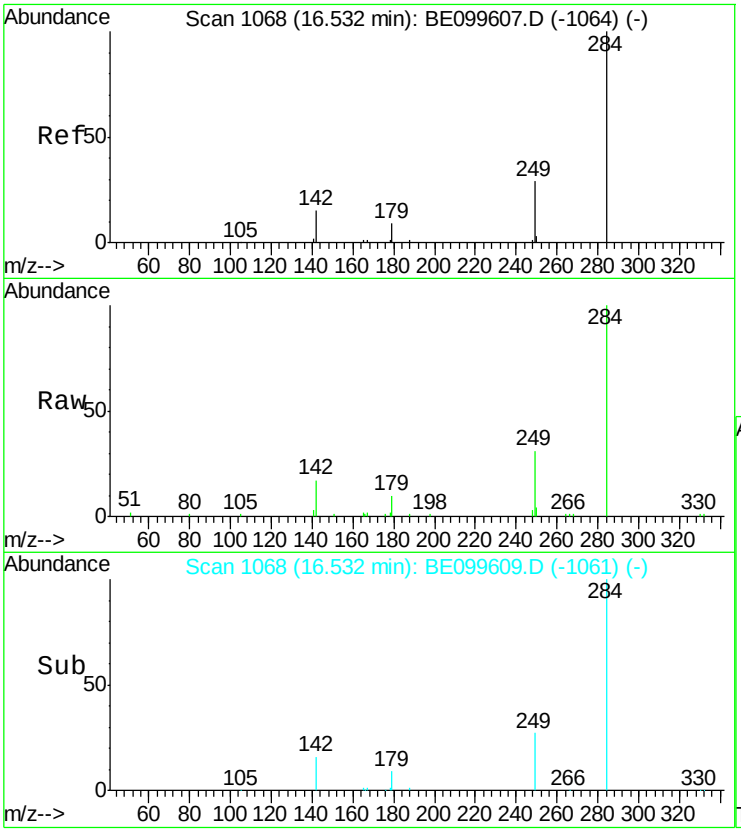


#20
4-Bromophenyl-phenylether
Concen: 1.656 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:248 Resp: 8874

Ion	Ratio	Lower	Upper
248	100		
250	98.7	80.4	120.6
141	32.2	27.8	41.8



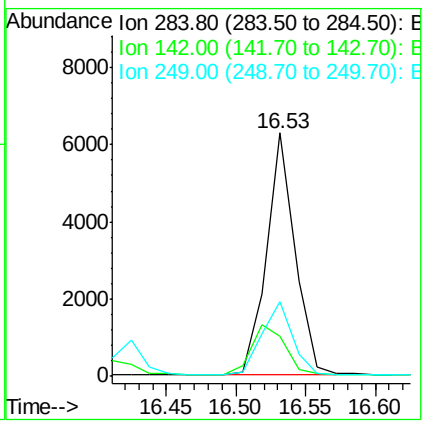


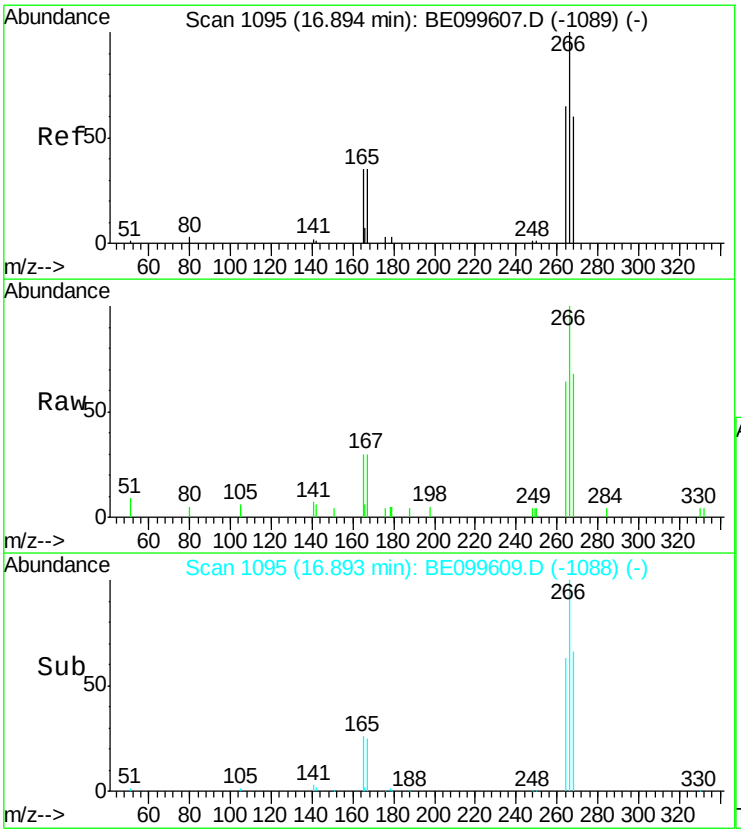
#21
Hexachlorobenzene
Concen: 1.654 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 8899

Ion	Ratio	Lower	Upper
284	100		
142	23.8	19.4	29.2
249	32.0	24.6	37.0

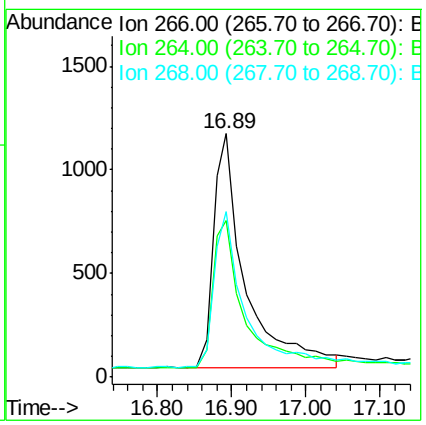


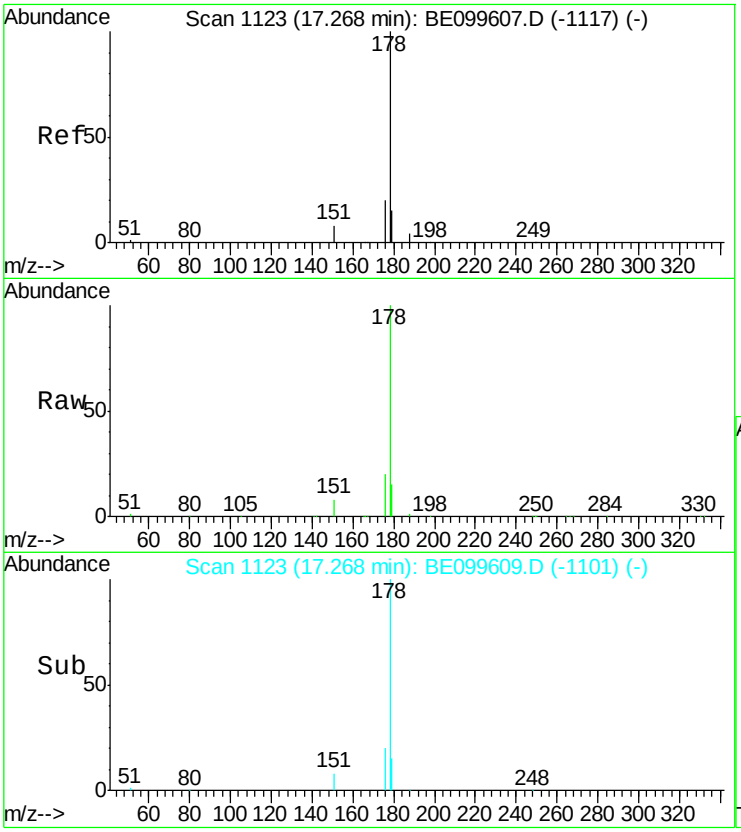


#22
Pentachlorophenol
Concen: 1.565 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:266 Resp: 3367

Ion	Ratio	Lower	Upper
266	100		
264	64.3	57.7	86.5
268	67.7	55.8	83.8



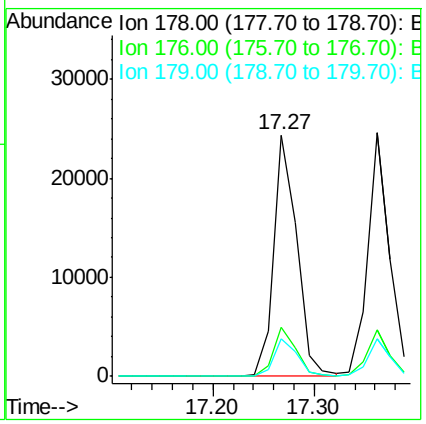


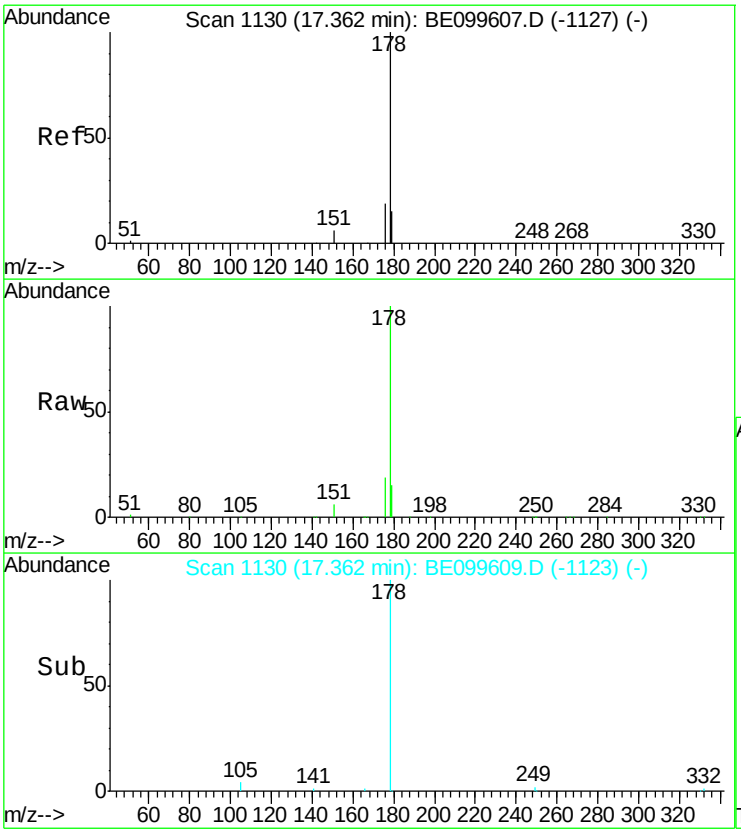
#23
Phenanthrene
Concen: 1.625 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 37886

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.3	12.2	18.2

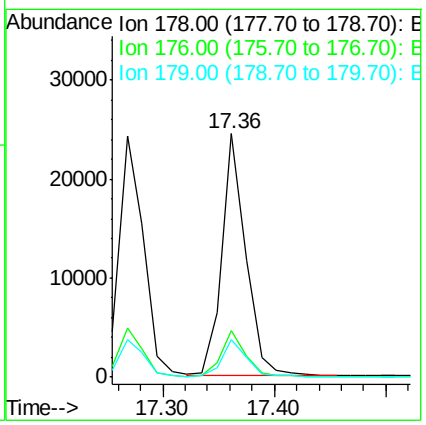


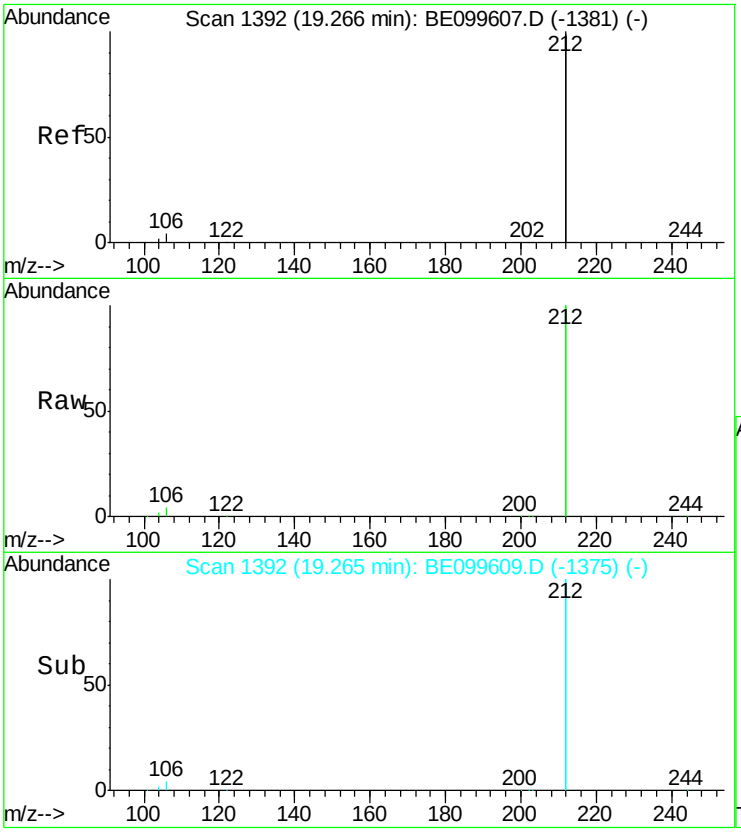


#24
Anthracene
Concen: 1.660 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:178 Resp: 36346

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.0	12.1	18.1



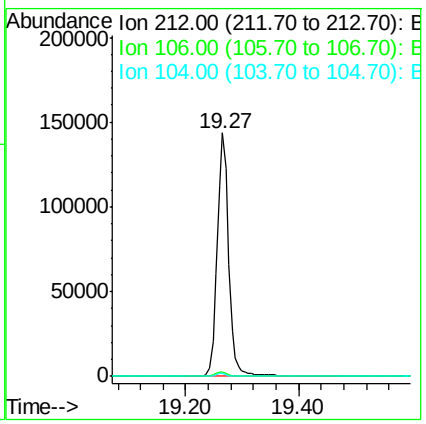


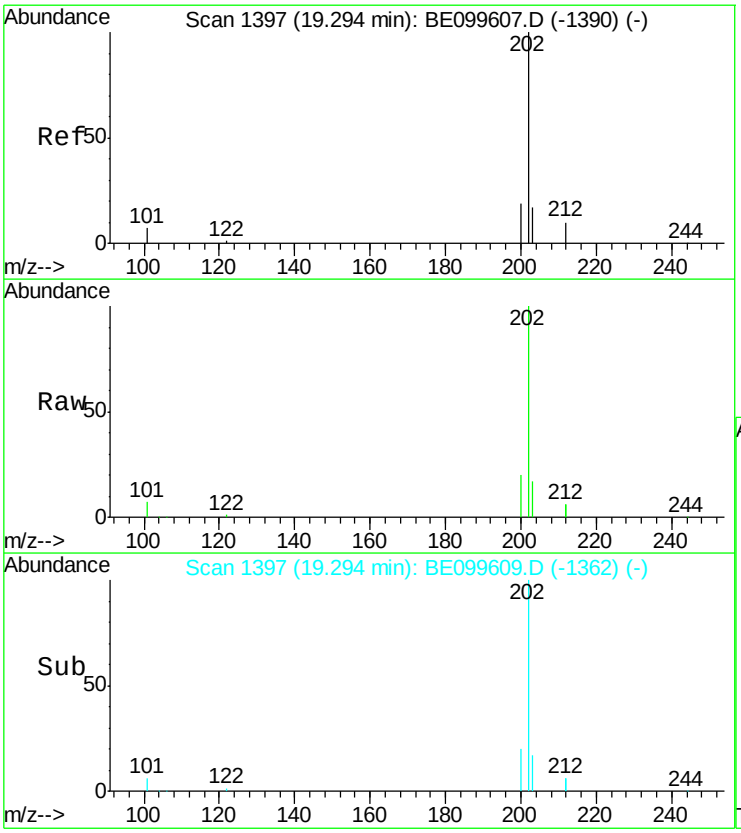
#25
Fluoranthene-d10
Concen: 1.645 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 203238

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

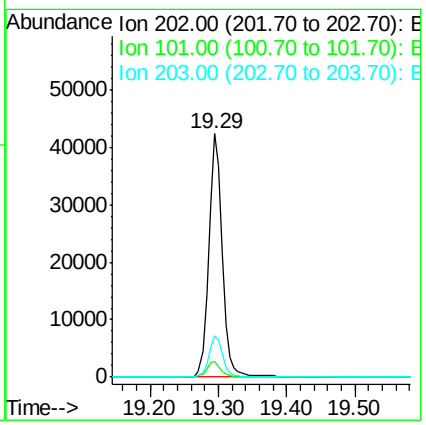


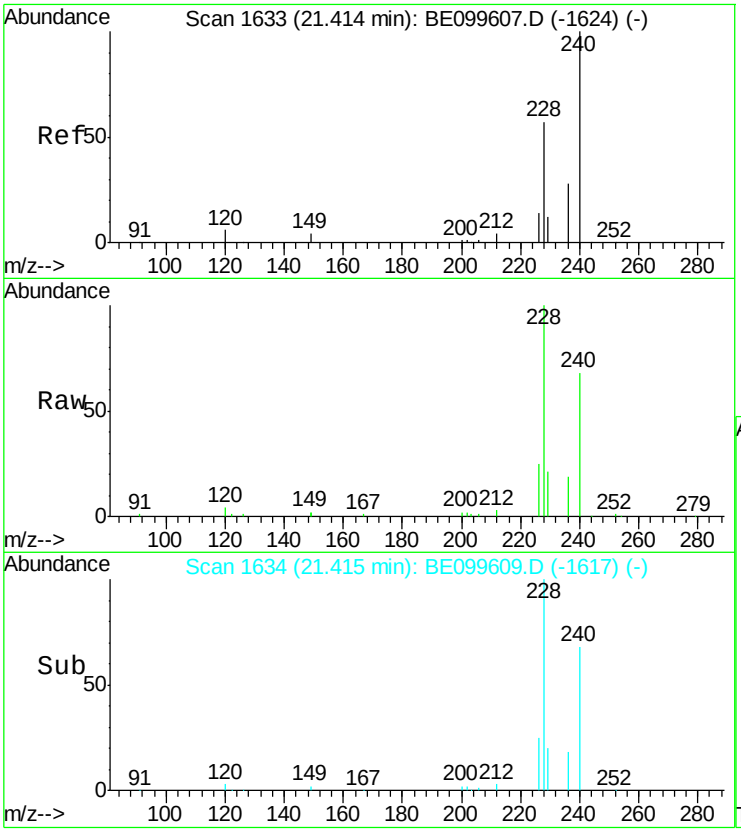


#26
Fluoranthene
Concen: 1.648 ng
RT: 19.29 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:202 Resp: 57828

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.0	7.6
203	17.5	13.7	20.5



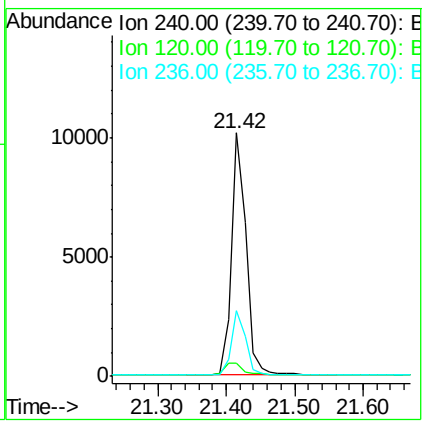


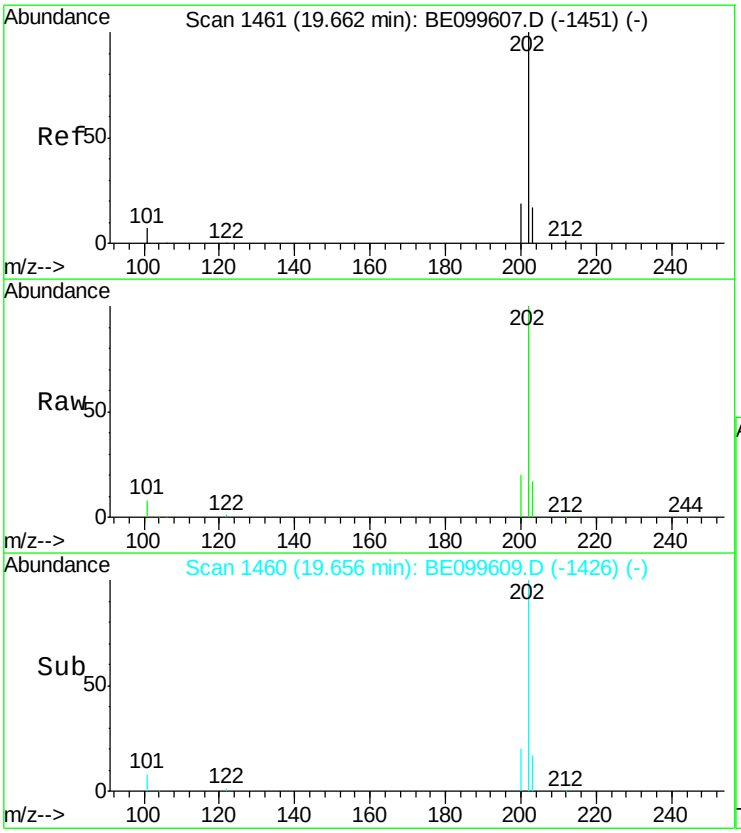
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 14945

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	27.1	22.8	34.2

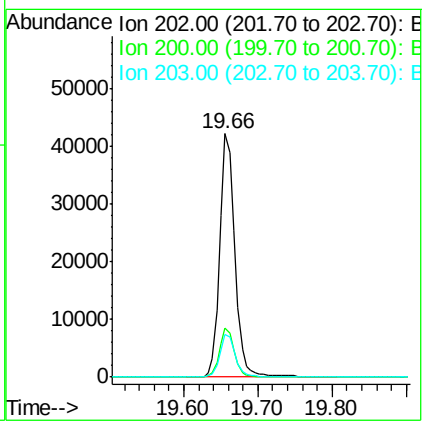


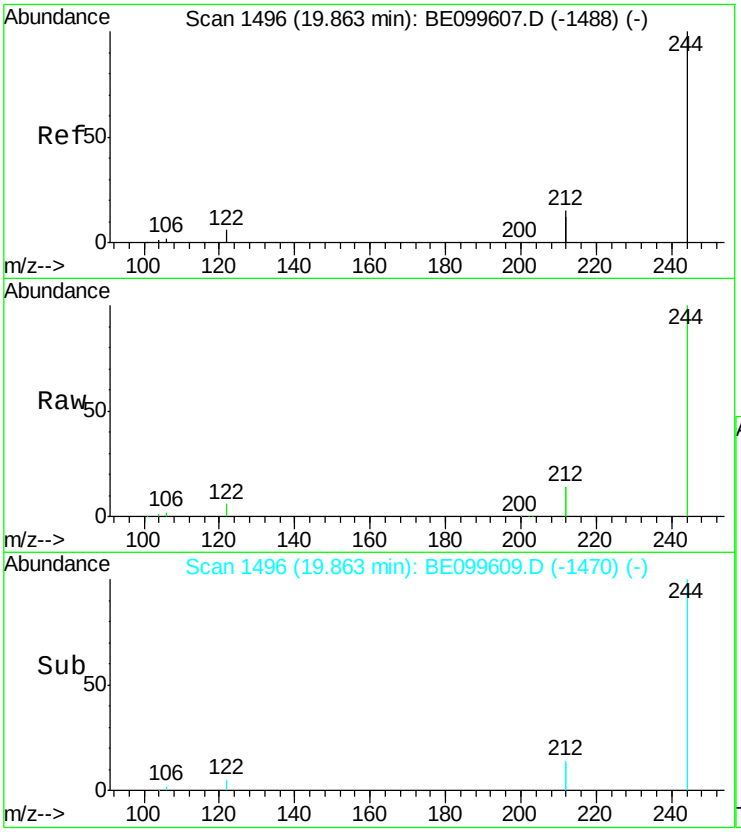


#28
Pyrene
Concen: 1.510 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:202 Resp: 59472

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



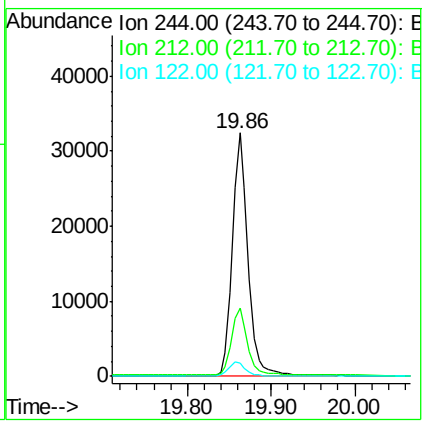


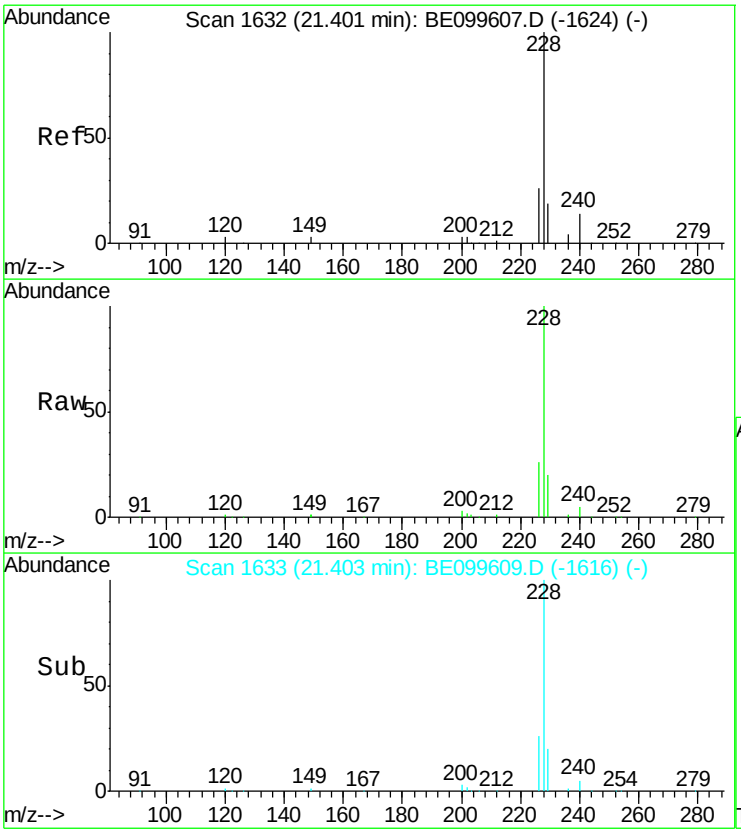
#29
Terphenyl-d14
Concen: 1.589 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 42202

Ion	Ratio	Lower	Upper
244	100		
212	27.9	23.8	35.6
122	5.6	5.0	7.6

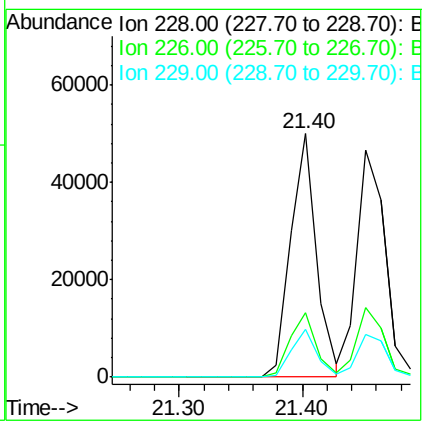


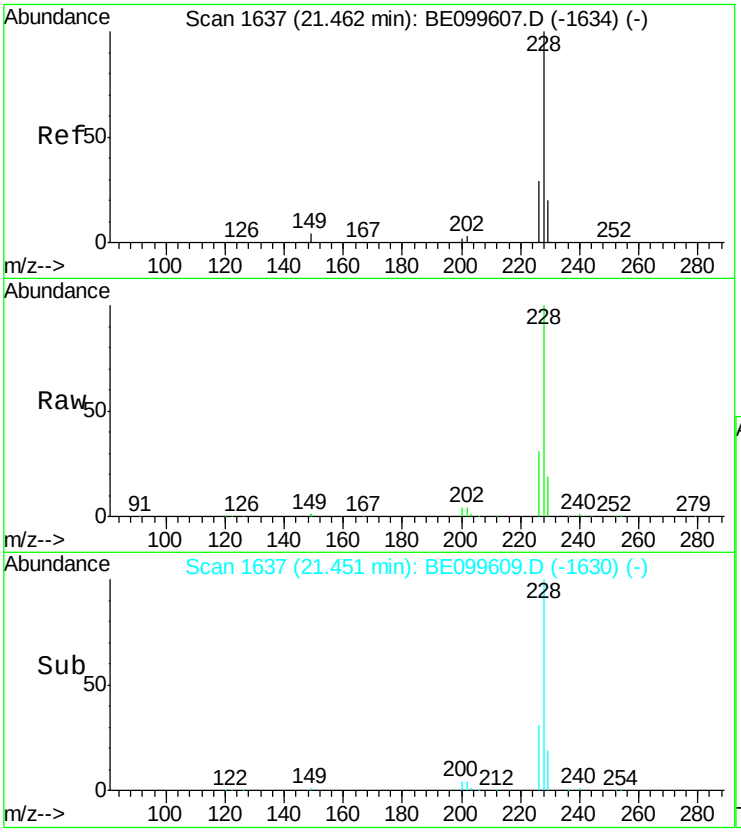


#30
Benzo(a)anthracene
Concen: 1.590 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:228 Resp: 72577

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.4	32.2
229	19.9	15.8	23.8



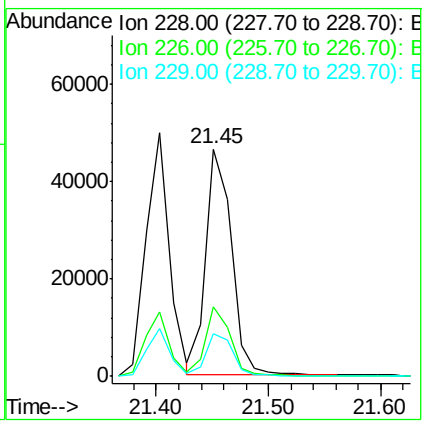


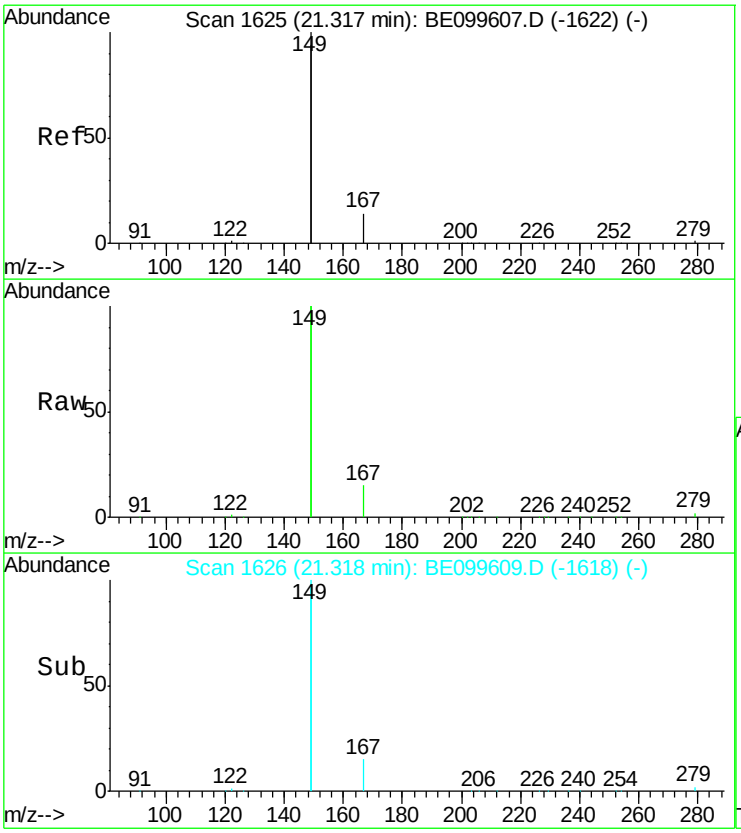
#31
Chrysene
Concen: 1.614 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 73634

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.0	34.4
229	19.0	16.4	24.6

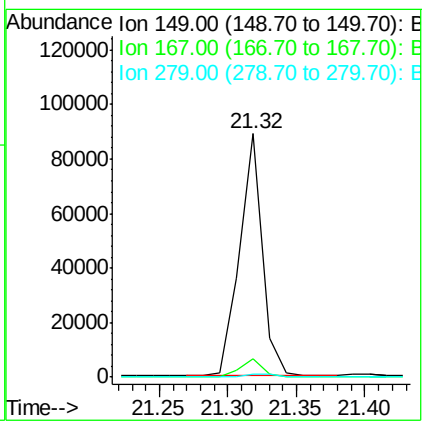


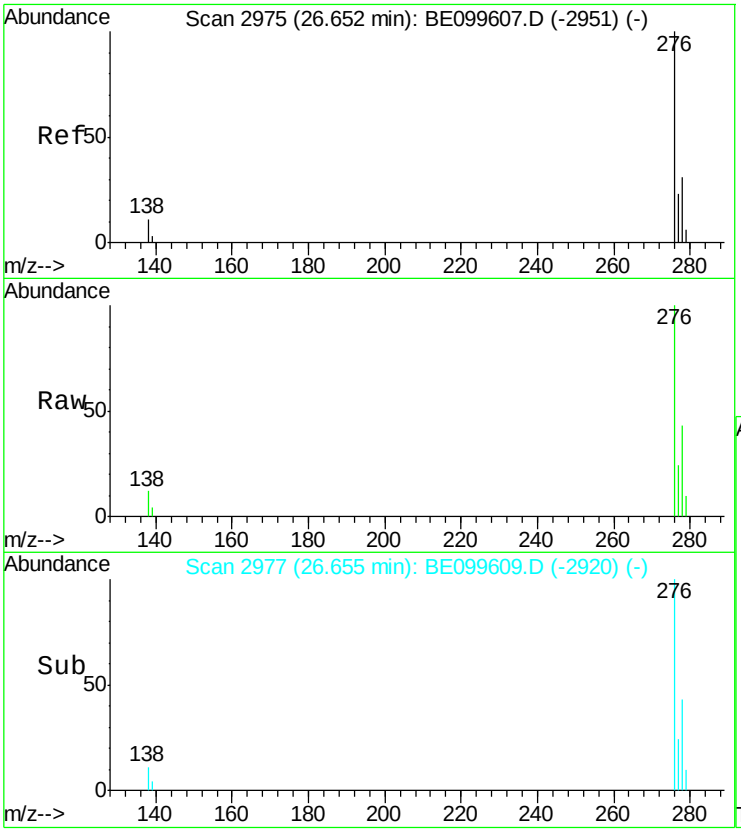


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.552 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:149 Resp: 101816

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.4	1.1	1.7



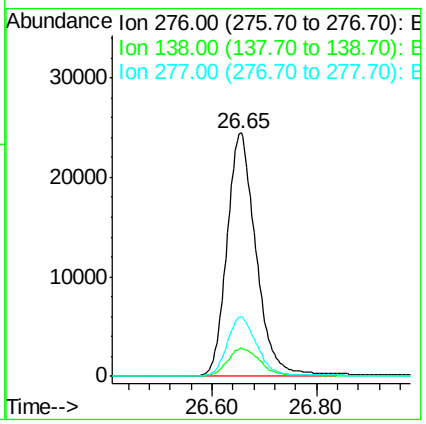


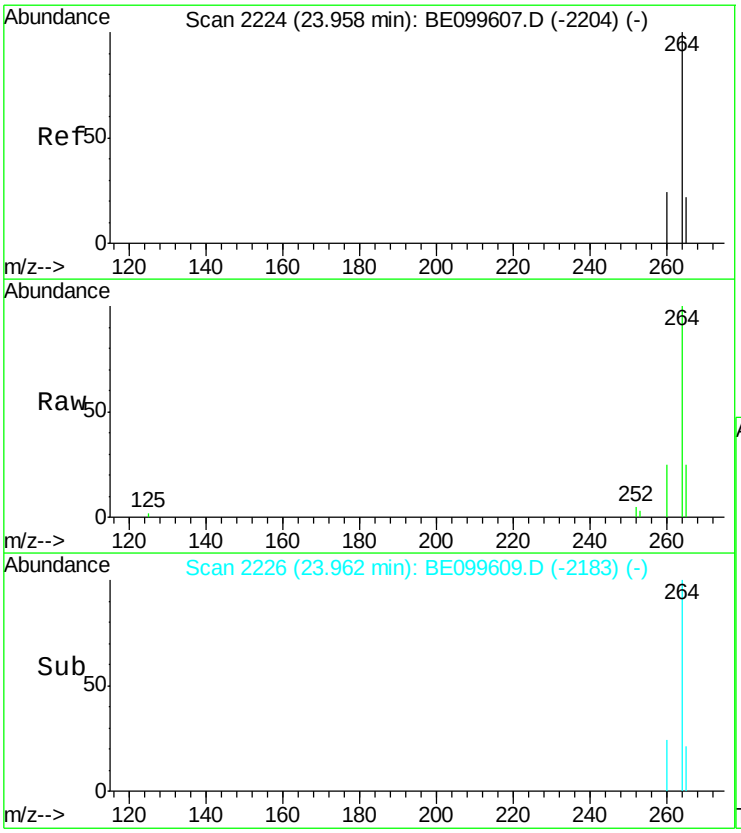
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.648 ng
RT: 26.65 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 93806

Ion	Ratio	Lower	Upper
276	100		
138	12.5	10.0	15.0
277	24.7	19.1	28.7

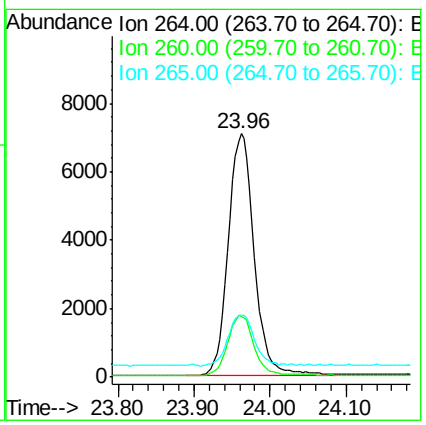


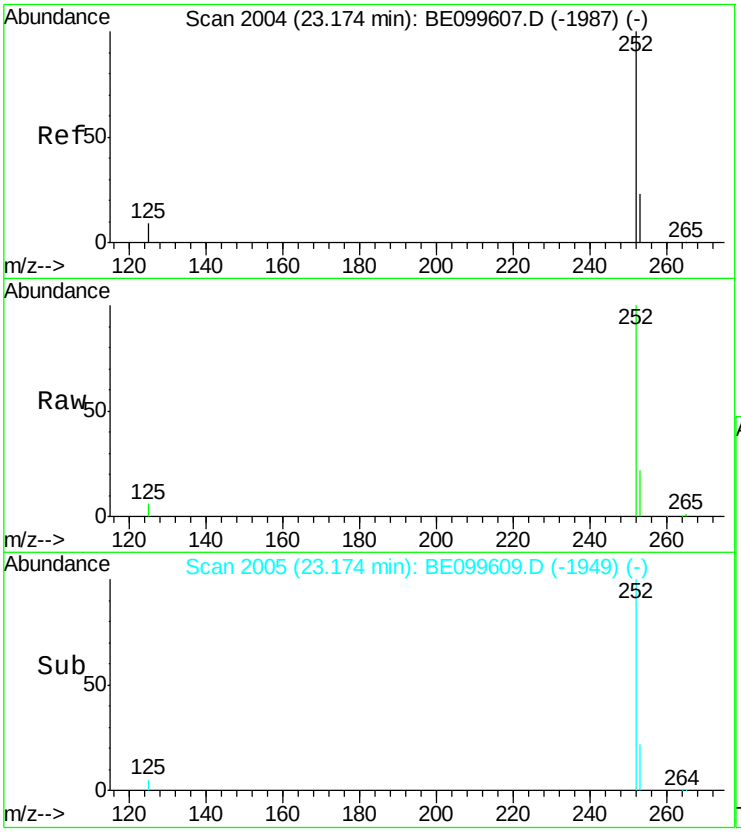


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:264 Resp: 16675

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	25.3	21.2	31.8



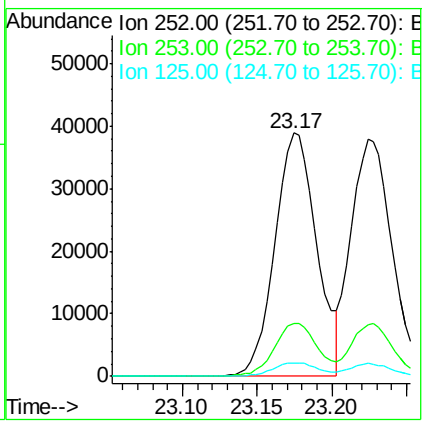


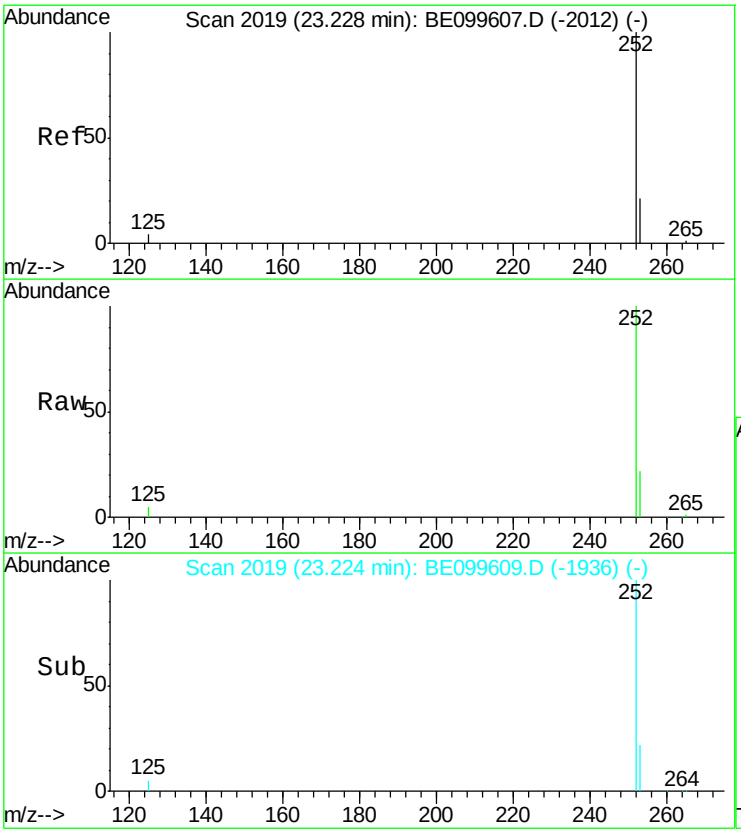
#35
Benzo(b)fluoranthene
Concen: 1.639 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 75480

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.1	28.7
125	5.6	7.8	11.8#

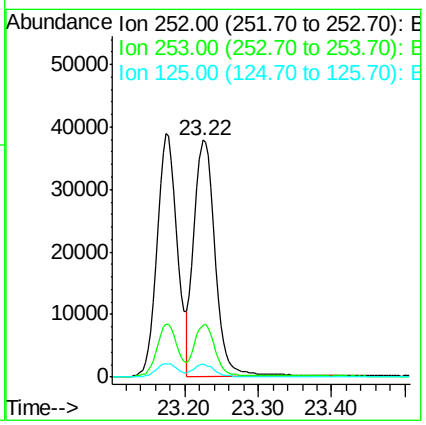


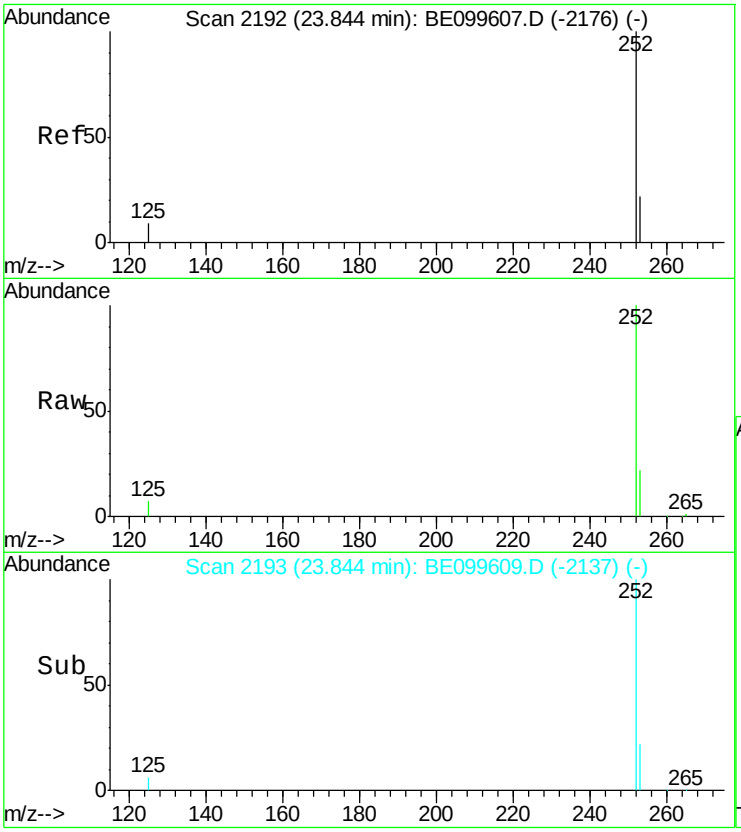


#36
Benzo(k)fluoranthene
Concen: 1.617 ng
RT: 23.22 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:252 Resp: 74040

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	28.0
125	5.4	5.2	7.8



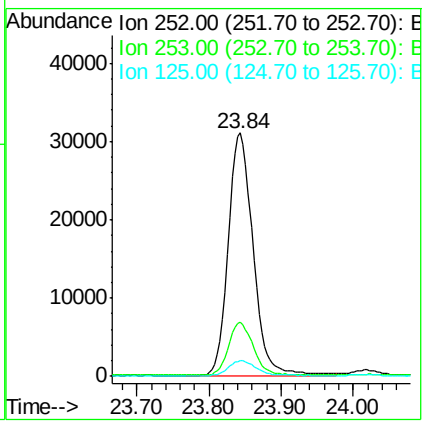


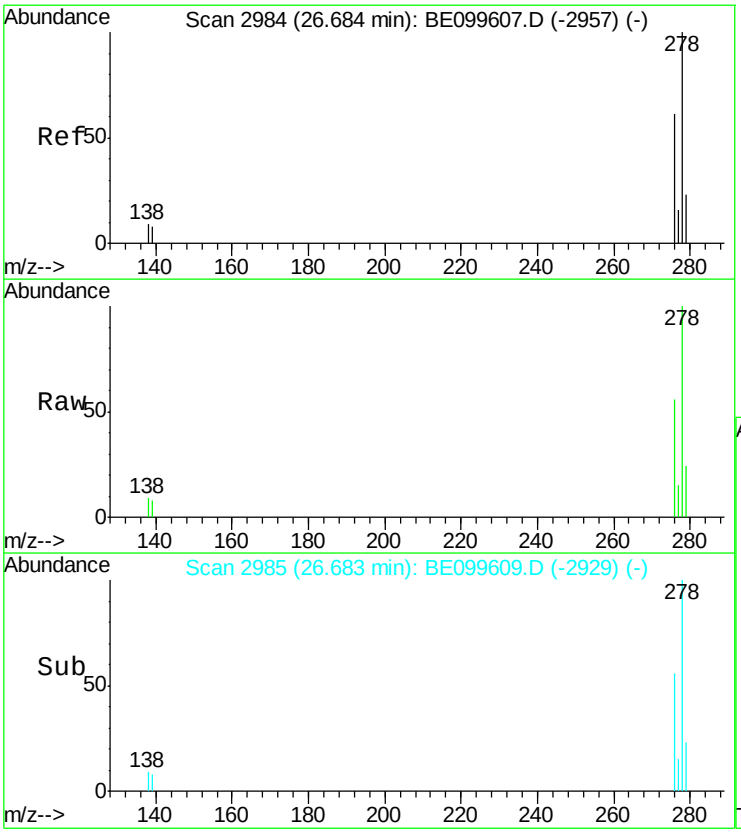
#37
Benzo(a)pyrene
Concen: 1.619 ng
RT: 23.84 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 72260

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.0	28.6
125	6.5	8.8	13.2#

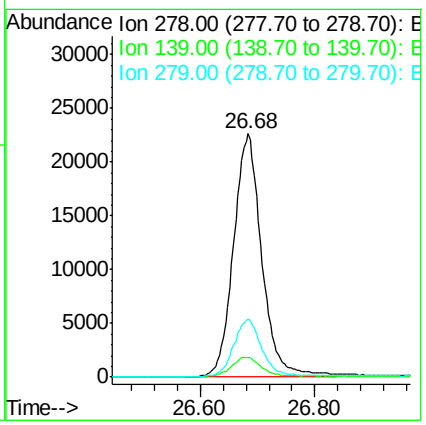


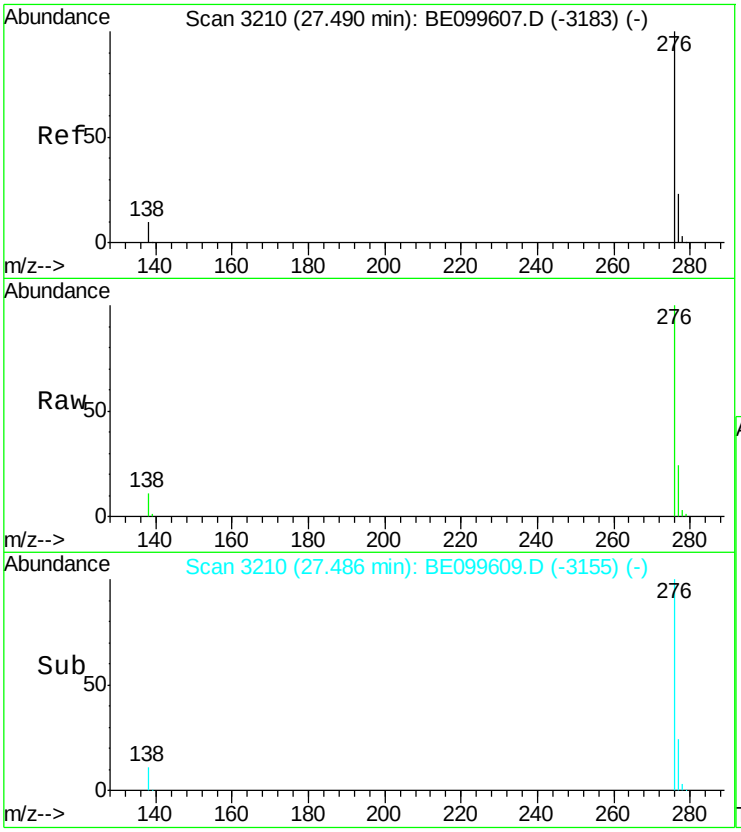


#38
Dibenzo(a,h)anthracene
Concen: 1.650 ng
RT: 26.68 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Tgt Ion:278 Resp: 76963

Ion	Ratio	Lower	Upper
278	100		
139	8.2	7.9	11.9
279	23.7	19.5	29.3





#39
Benzo(g,h,i)perylene
Concen: 1.641 ng
RT: 27.49 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE099609.D
Acq: 14 May 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 77486

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	11.3	9.1	13.7