Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
Data File : BE099411.D
Acq On : 29 Apr 2019 16:42
Operator : JU/SJ
Sample : SSTDICC 1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 29 17:15:51 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 16:46:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2117	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	8320	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	6348	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	18673	0.40	ng		0.00
27) Chrysene-d12	21.37	240	29733	0.40	ng		0.00
34) Perylene-d12	23.87	264	30782	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	9516	1.84	ng		0.00
5) Phenol-d6	6.97	99	12913	1.75	ng		0.00
8) Nitrobenzene-d5	8.97	82	12571	1.95	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	24354	1.66	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	6414	3.04	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	38805	1.56	ng		-0.01
25) Fluoranthene-d10	19.22	212	404707	1.80	ng		0.00
29) Terphenyl-d14	19.82	244	84833	1.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	4409	1.488	ng		96
3) n-Nitrosodimethylamine	3.63	42	2946	1.847	ng	#	89
6) bis(2-Chloroethyl)ether	7.23	93	11059	1.606	ng		99
9) Naphthalene	10.65	128	145146	1.599	ng		99
10) Hexachlorobutadiene	10.93	225	9936	1.724	ng		99
12) 2-Methylnaphthalene	12.27	142	26048	1.687	ng		96
16) Acenaphthylene	14.18	152	51068	1.780	ng		99
17) Acenaphthene	14.51	154	28149	1.592	ng		99
18) Fluorene	15.49	166	41780	1.645	ng		99
20) 4-Bromophenyl-phenylether	16.38	248	17767	1.717	ng		98
21) Hexachlorobenzene	16.49	284	16722	1.682	ng		99
22) Pentachlorophenol	16.84	266	7652	2.855	ng		99
23) Phenanthrene	17.23	178	77994	1.577	ng		100
24) Anthracene	17.32	178	75318	1.712	ng		99
26) Fluoranthene	19.25	202	116757	1.764	ng		100
28) Pyrene	19.61	202	120701	1.378	ng		100
30) Benzo(a)anthracene	21.35	228	146328	1.674	ng		99
31) Chrysene	21.40	228	143783	1.546	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	212000	2.665	ng		99
33) Indeno(1,2,3-cd)pyrene	26.52	276	167219	1.820	ng		99
35) Benzo(b)fluoranthene	23.10	252	142596	1.513	ng		98
36) Benzo(k)fluoranthene	23.15	252	135912	1.447	ng		98
37) Benzo(a)pyrene	23.76	252	133531	1.582	ng	#	97
38) Dibenzo(a,h)anthracene	26.54	278	137591	1.595	ng		97
39) Benzo(g,h,i)perylene	27.33	276	136267	1.557	ng		99

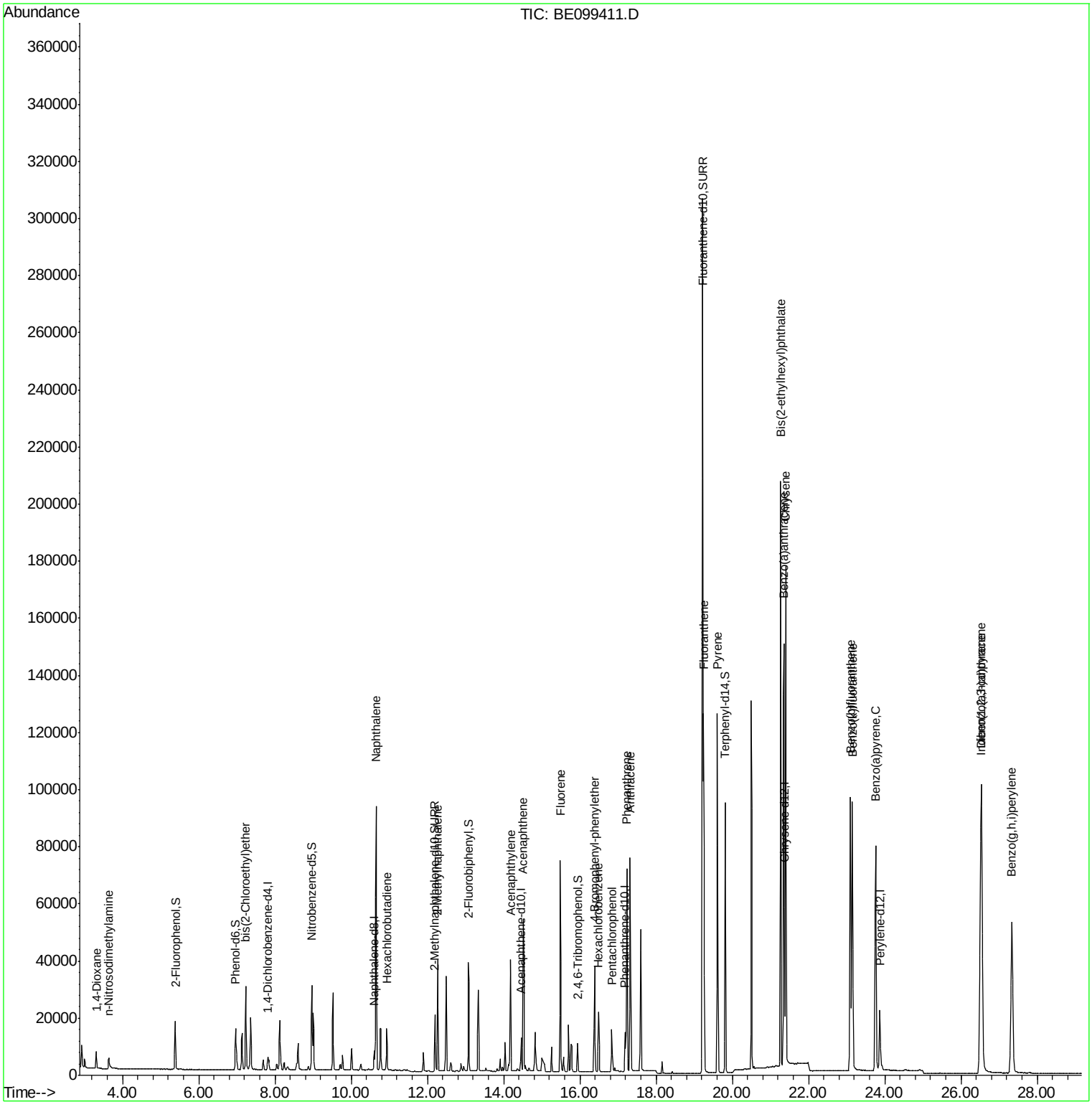
(#) = qualifier out of range (m) = manual integration (+) = signals summed

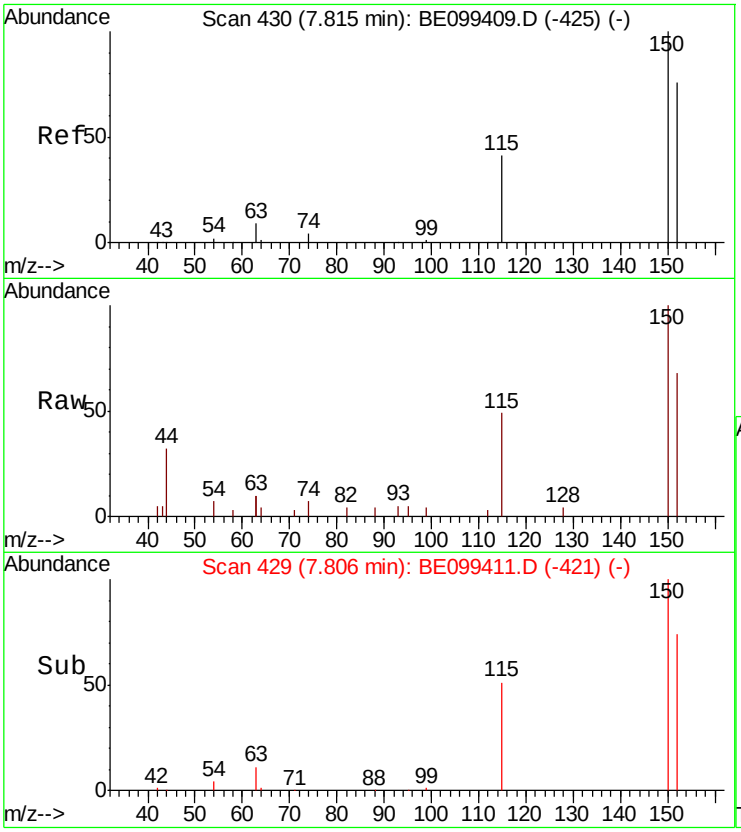
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
Data File : BE099411.D
Acq On : 29 Apr 2019 16:42
Operator : JU/SJ
Sample : SSTDICC 1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 29 17:15:51 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 16:46:21 2019
Response via : Initial Calibration



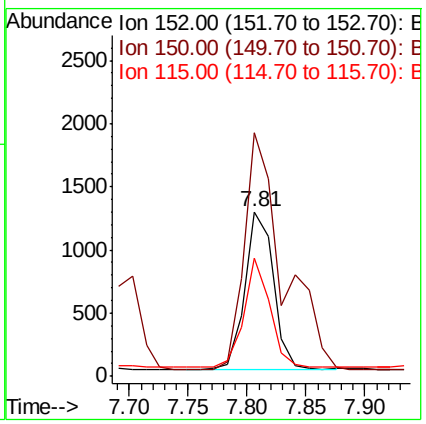


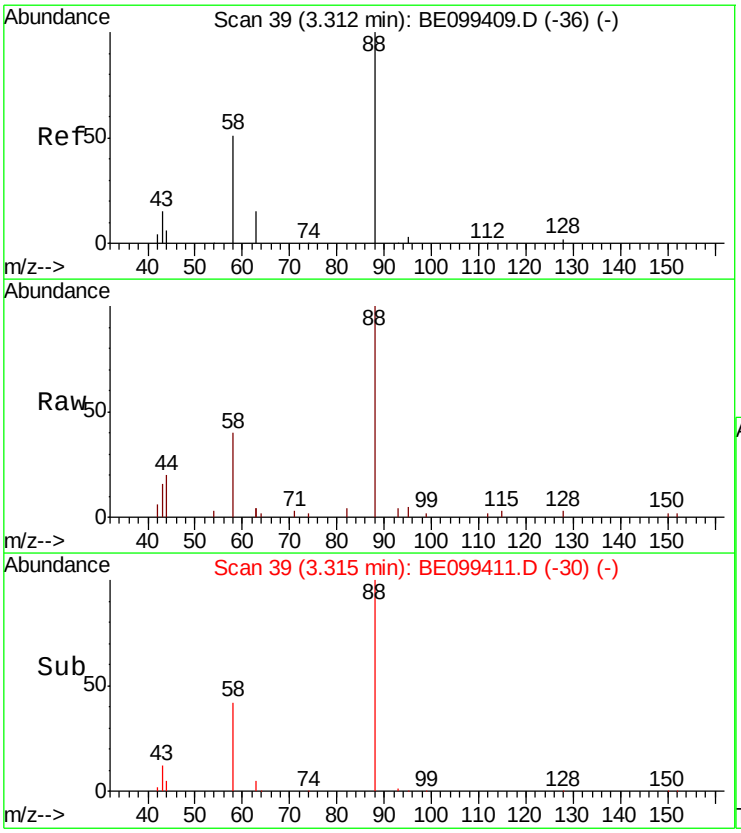
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2117

Ion	Ratio	Lower	Upper
152	100		
150	147.9	104.8	157.2
115	71.8	46.6	69.8#

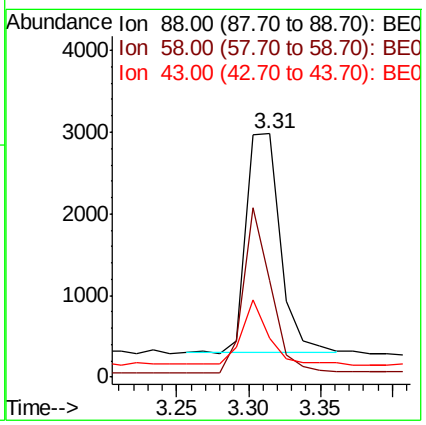


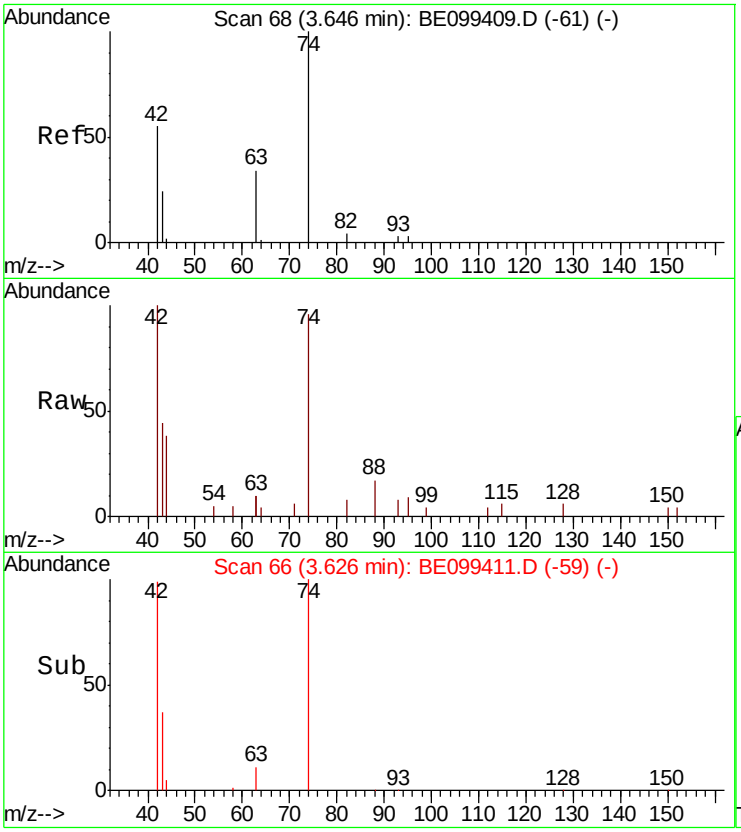


#2
1,4-Dioxane
Concen: 1.488 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion: 88 Resp: 4409

Ion	Ratio	Lower	Upper
88	100		
58	61.1	51.0	76.6
43	22.3	20.6	30.8

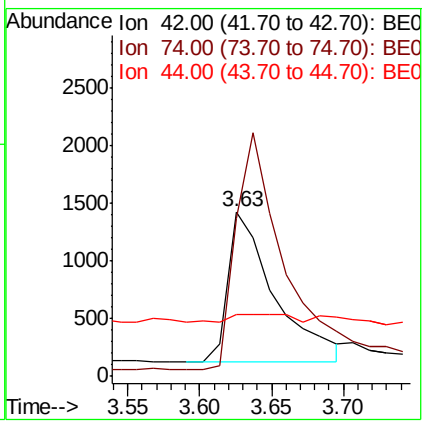




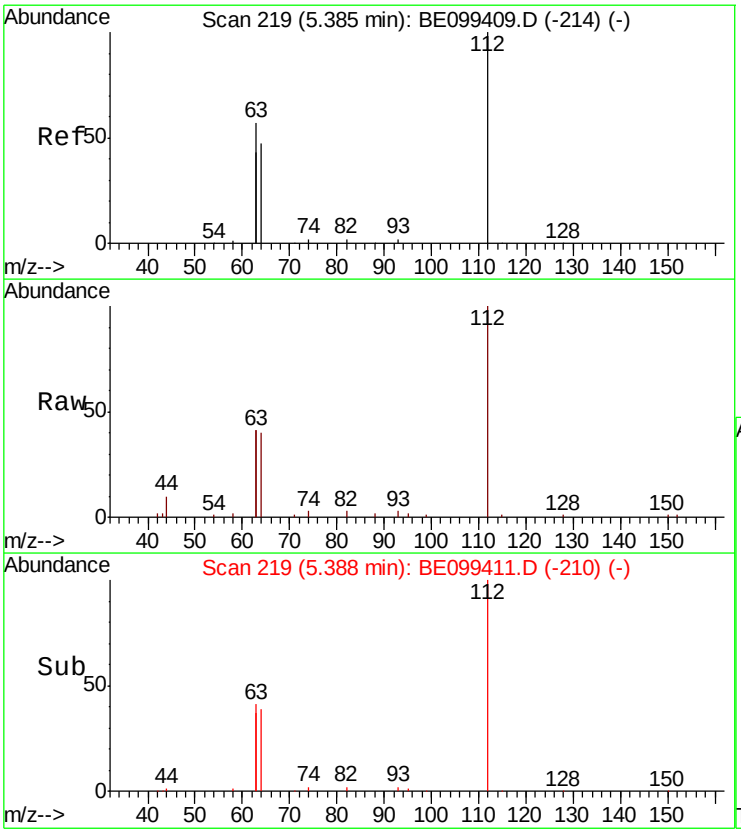
#3
n-Nitrosodimethylamine
Concen: 1.847 ng
RT: 3.63 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion: 42 Resp: 2946

Ion	Ratio	Lower	Upper
42	100		
74	161.0	141.6	212.4
44	0.0	0.0	0.0



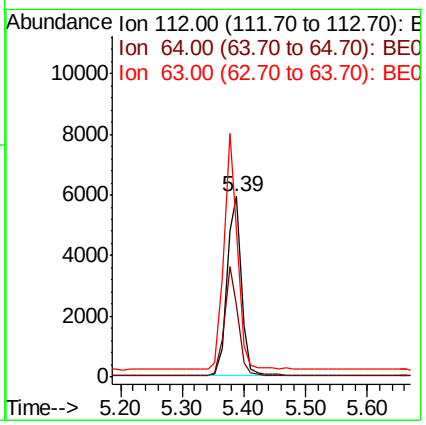
Instrument :
BNA_E
ClientSampleId :

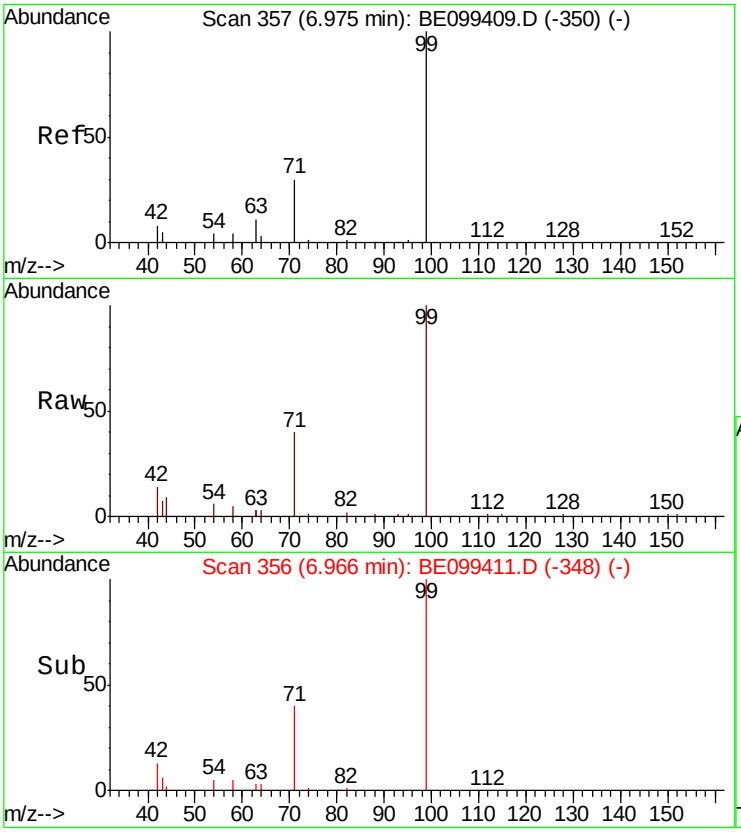


#4
2-Fluorophenol
Concen: 1.839 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:112 Resp: 9516

Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.4	71.0
63	122.1	104.3	156.5



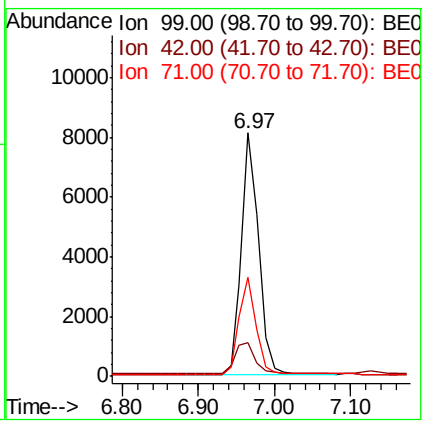


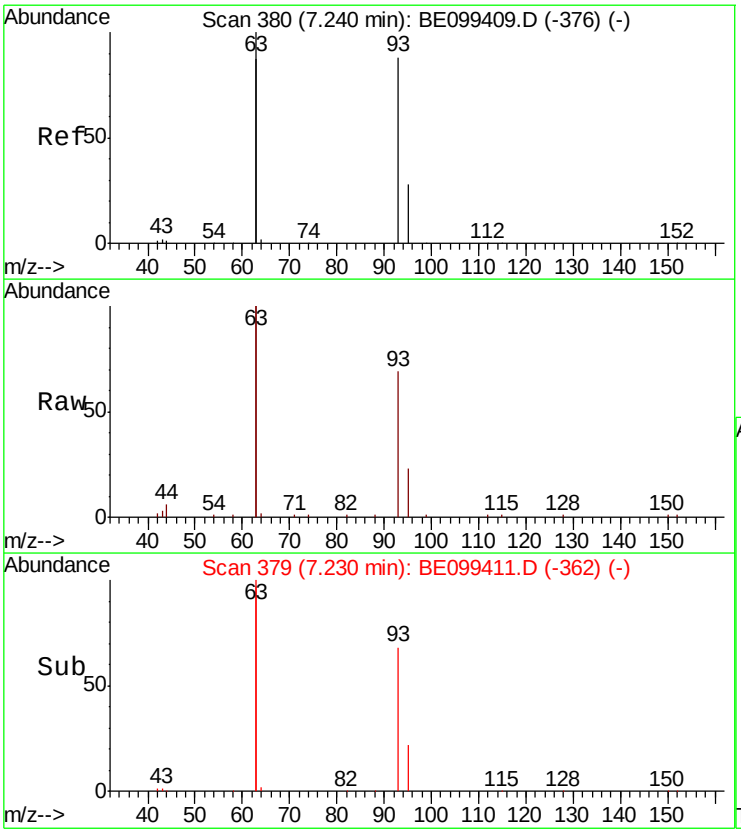
#5
Phenol-d6
Concen: 1.749 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 12913

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.9	22.3
71	39.6	33.0	49.6

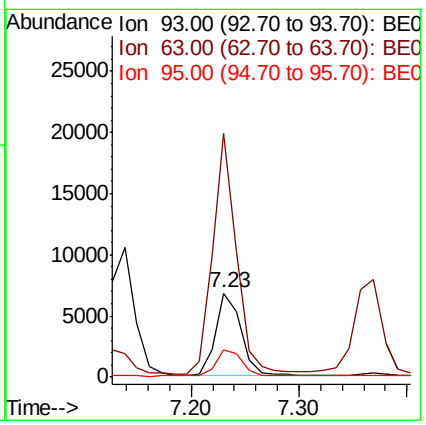


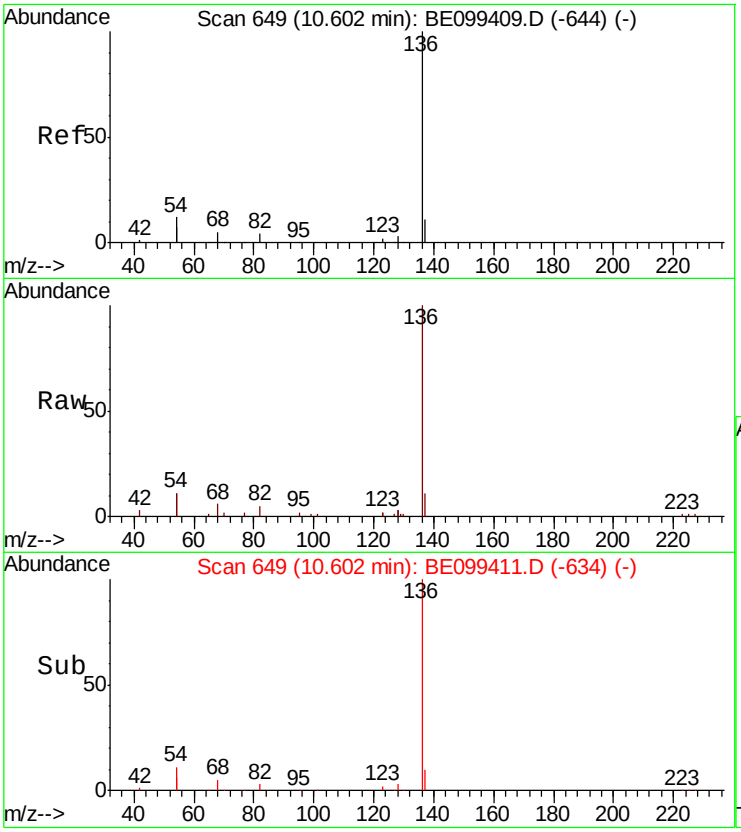


#6
bis(2-Chloroethyl)ether
Concen: 1.606 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion: 93 Resp: 11059

Ion	Ratio	Lower	Upper
93	100		
63	270.4	215.6	323.4
95	33.2	26.2	39.2



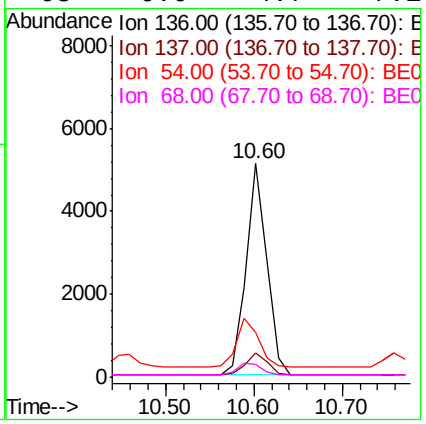


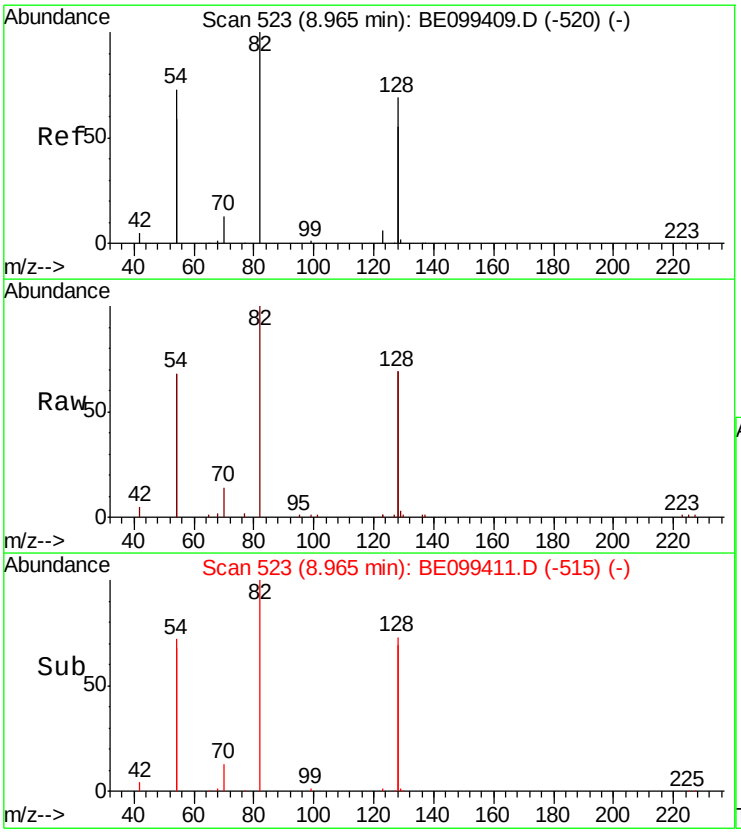
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 8320

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	21.2	18.5	27.7
68	6.0	4.7	7.1

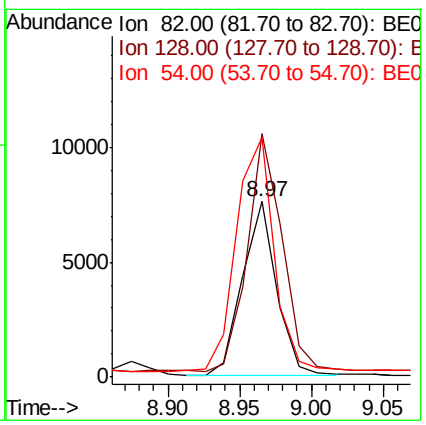


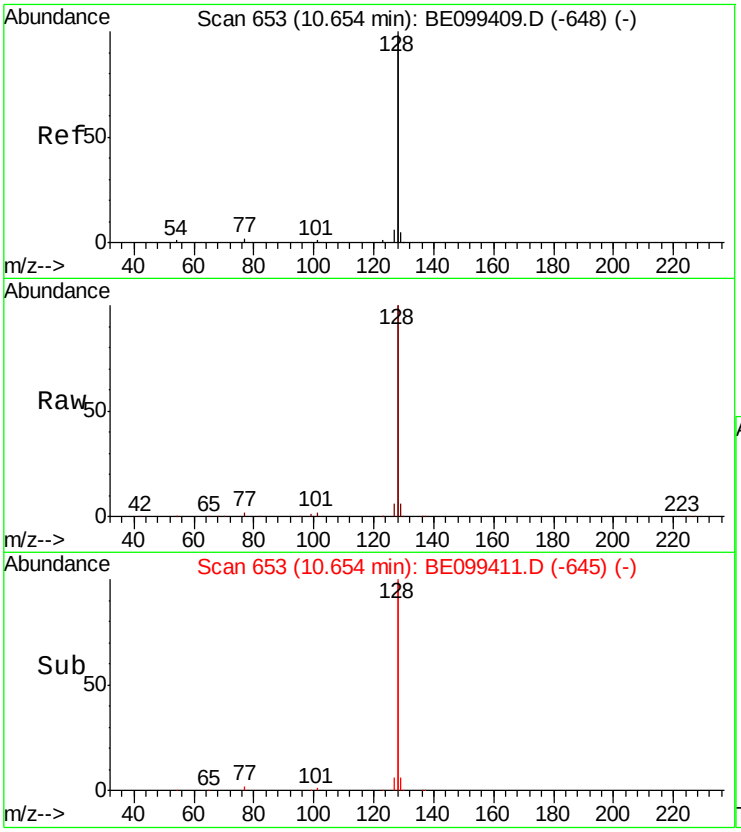


#8
Nitrobenzene-d5
Concen: 1.946 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion: 82 Resp: 12571

Ion	Ratio	Lower	Upper
82	100		
128	138.7	107.0	160.4
54	136.4	113.1	169.7



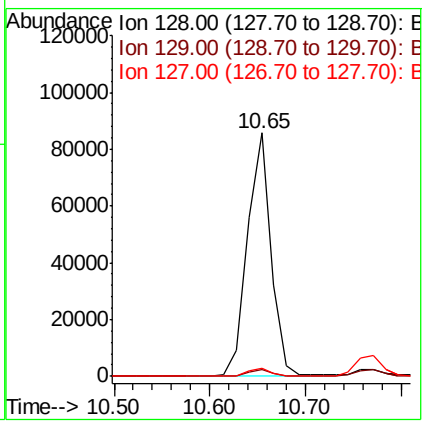


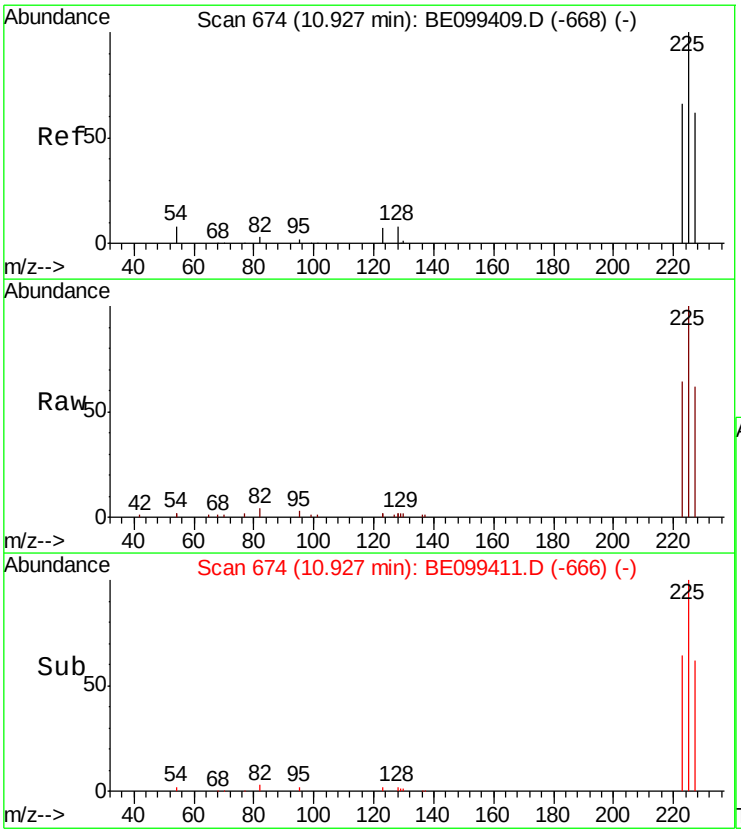
#9
Naphthalene
Concen: 1.599 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 145146

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.2	2.8	4.2

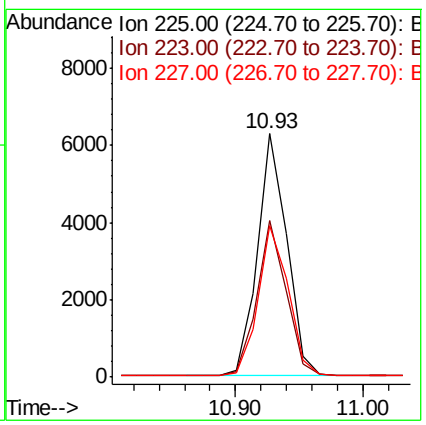


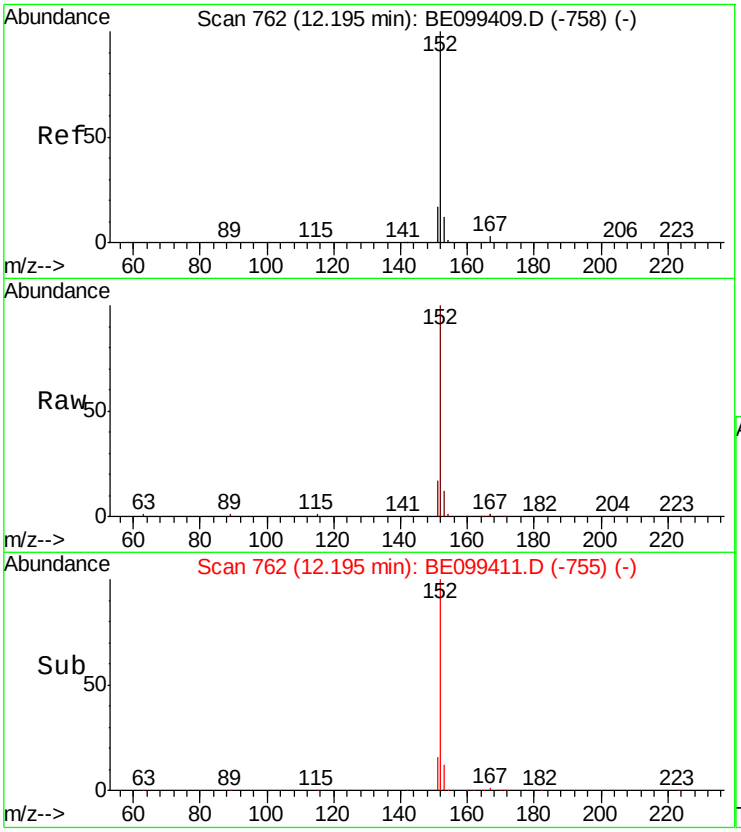


#10
Hexachlorobutadiene
Concen: 1.724 ng
RT: 10.93 min Scan# 674
Delta R.T. 0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:225 Resp: 9936

Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	63.2	50.9	76.3



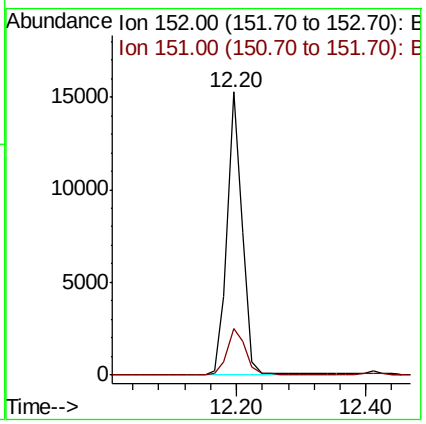


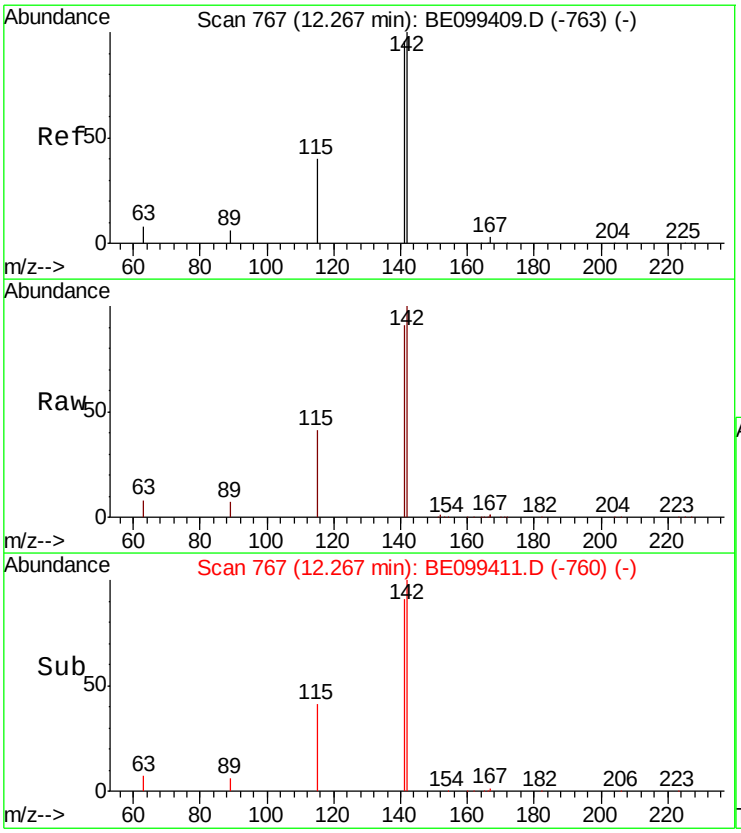
#11
2-Methylnaphthalene-d10
Concen: 1.659 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 24354

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3

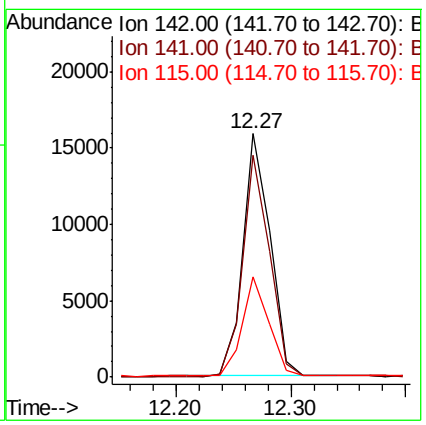


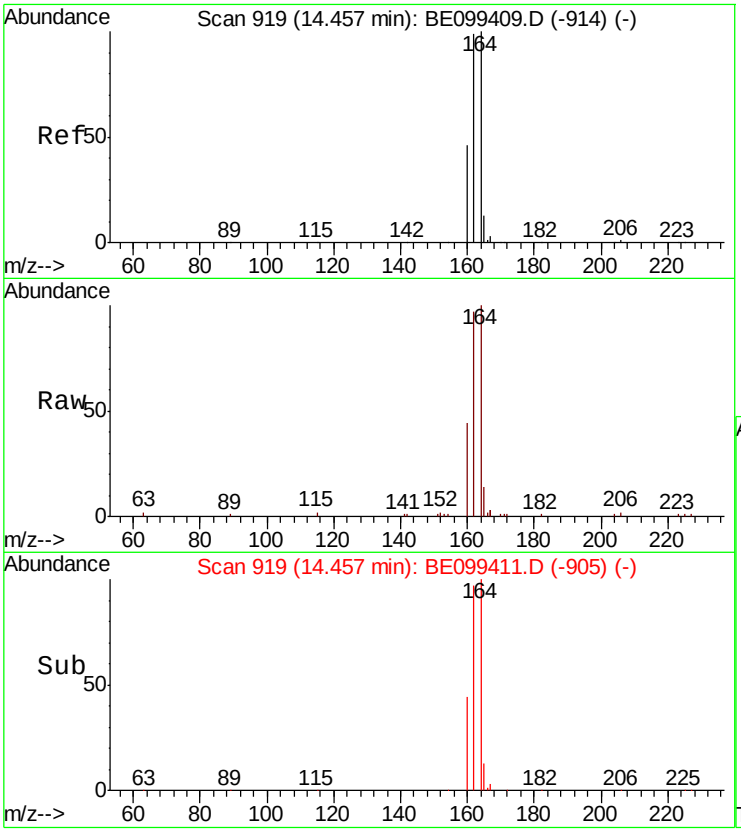


#12
2-Methylnaphthalene
Concen: 1.687 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:142 Resp: 26048

Ion	Ratio	Lower	Upper
142	100		
141	91.4	77.0	115.4
115	41.4	33.4	50.0



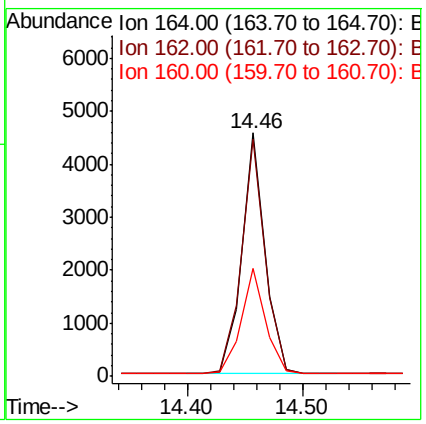


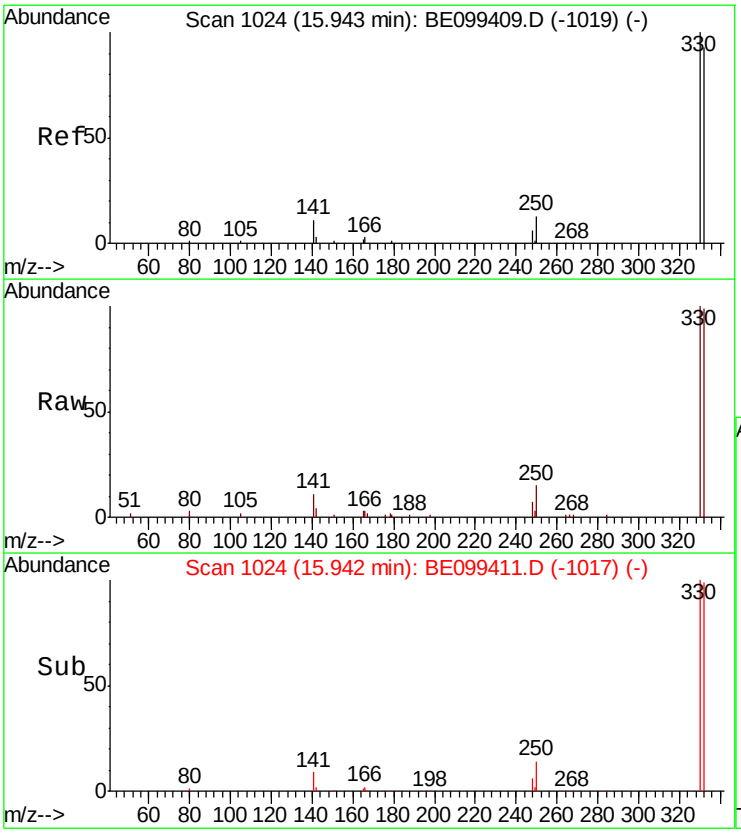
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6348

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.4
160	44.5	37.0	55.4

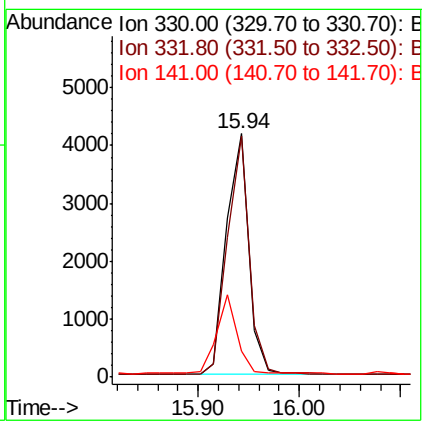


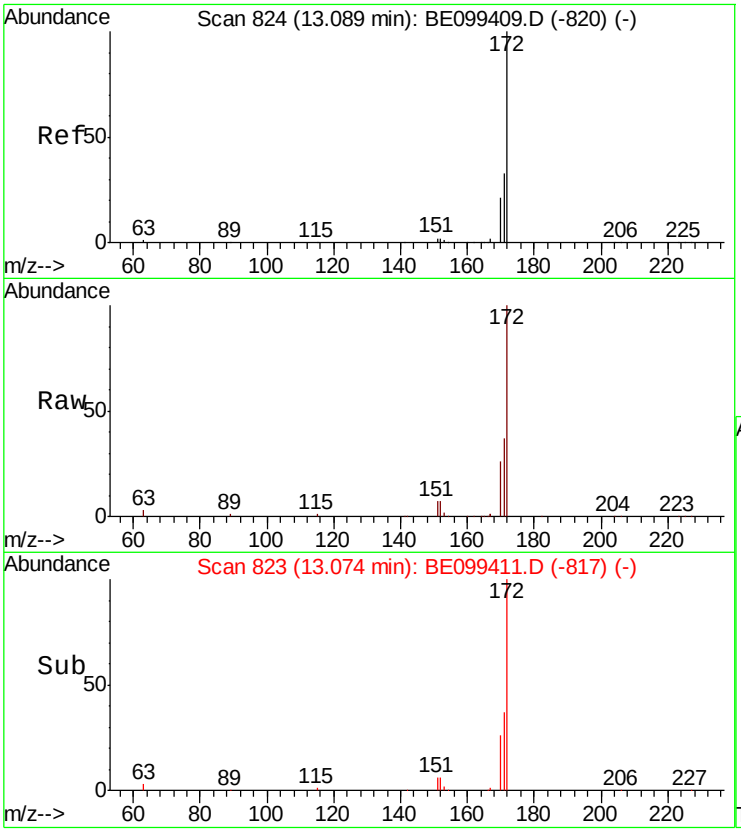


#14
2,4,6-Tribromophenol
Concen: 3.042 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:330 Resp: 6414

Ion	Ratio	Lower	Upper
330	100		
332	96.6	71.5	107.3
141	28.8	24.0	36.0



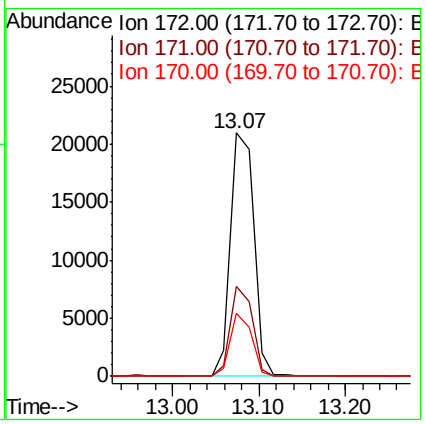


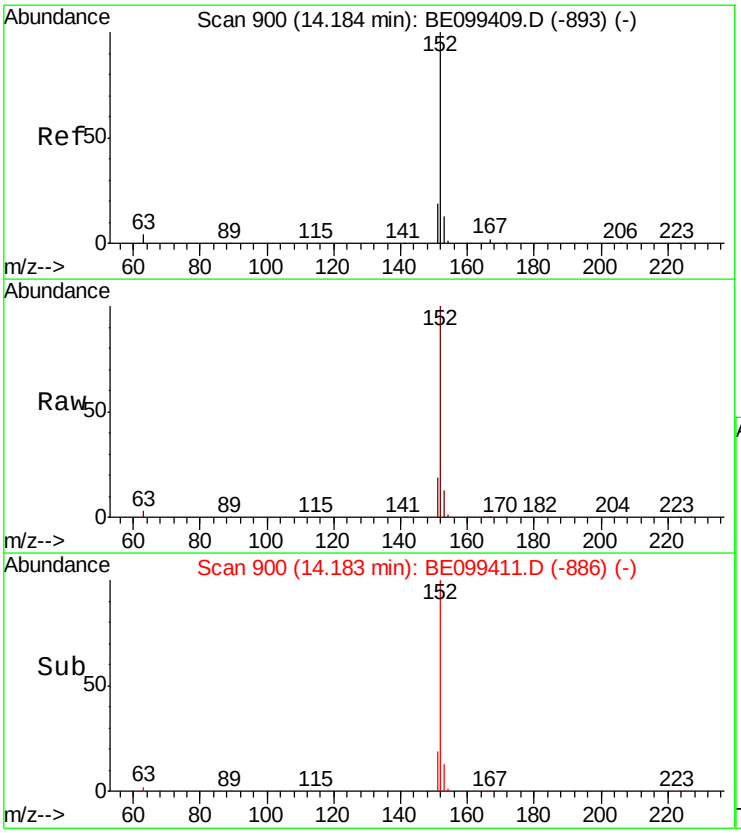
#15
2-Fluorobiphenyl
Concen: 1.555 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 38805

Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.6	39.8
170	25.7	17.0	25.6#

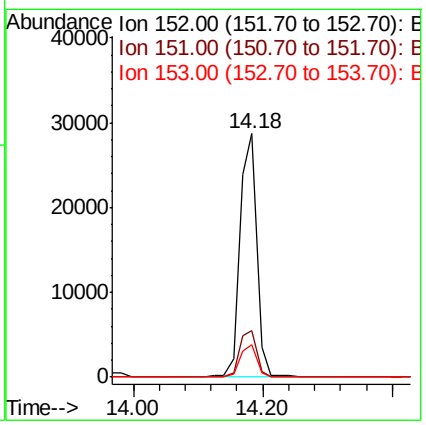


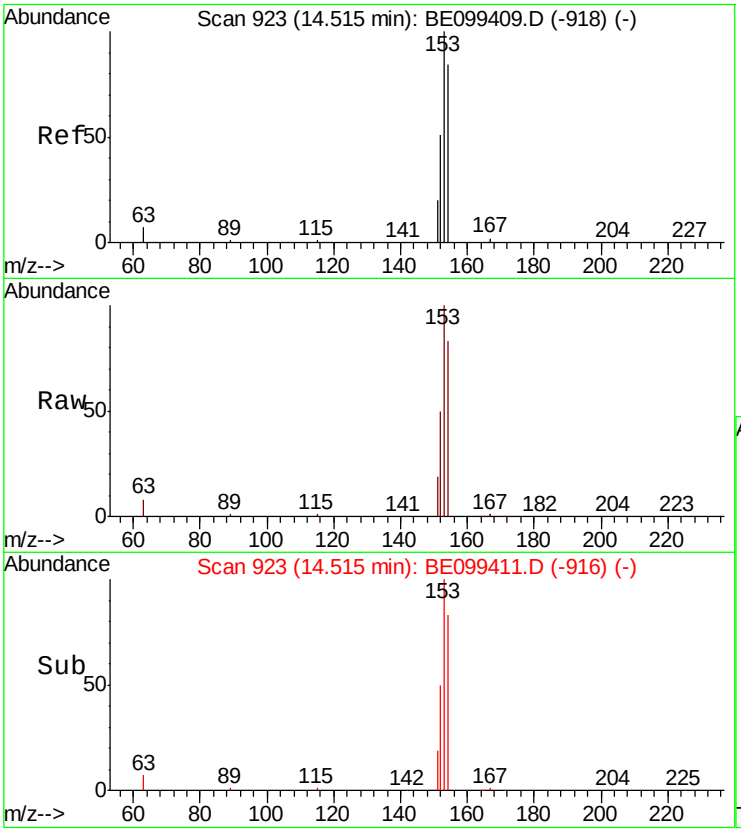


#16
Acenaphthylene
Concen: 1.780 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:152 Resp: 51068

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.0	9.8	14.6



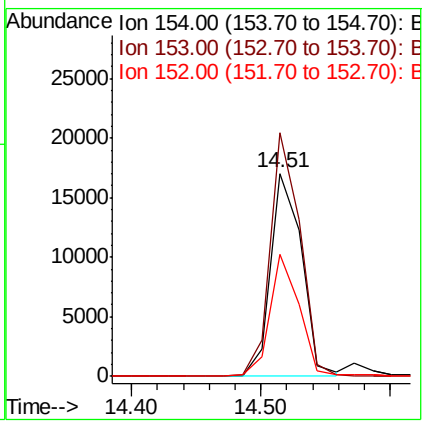


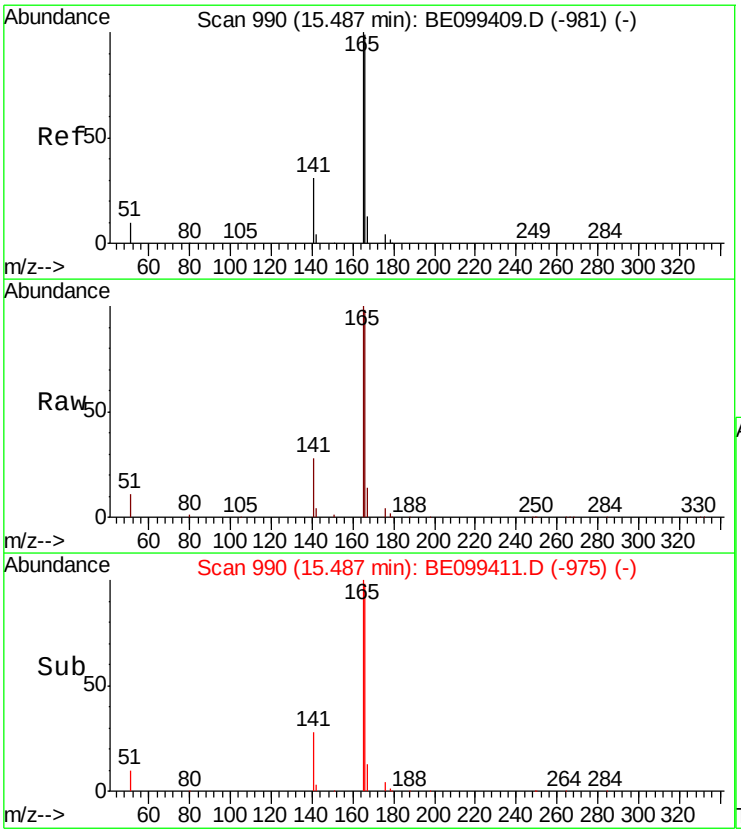
#17
Acenaphthene
Concen: 1.592 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 28149

Ion	Ratio	Lower	Upper
154	100		
153	115.0	92.6	138.8
152	56.1	45.8	68.8

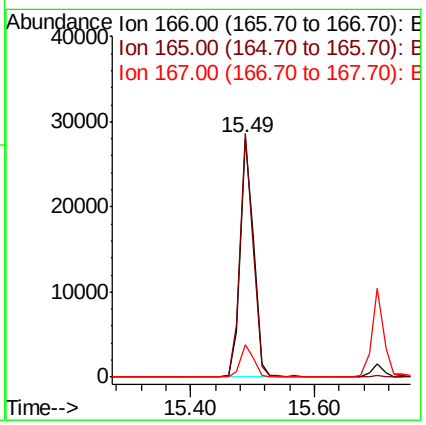


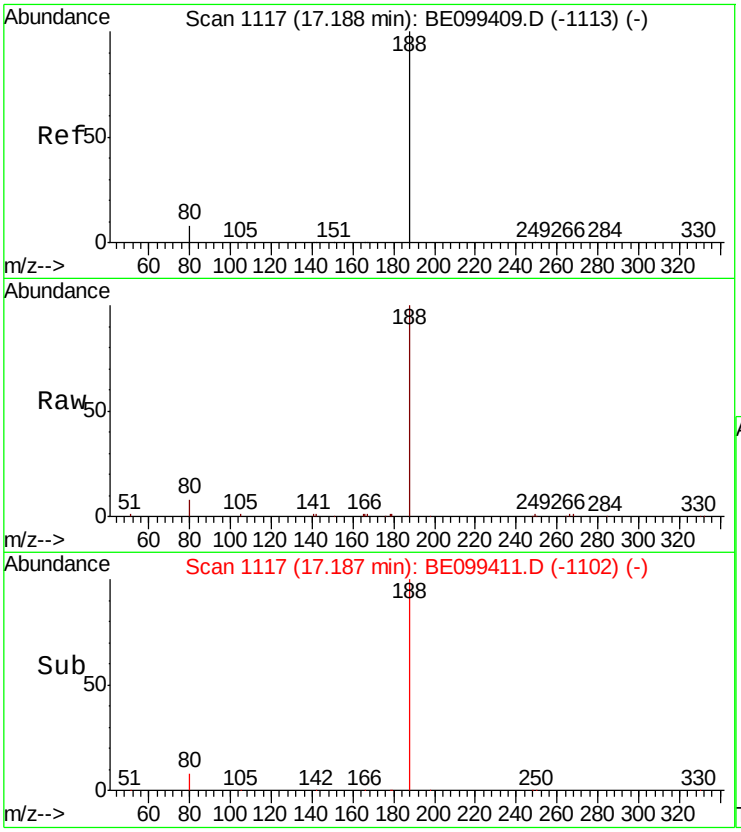


#18
Fluorene
Concen: 1.645 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:166 Resp: 41780

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.3	120.5
167	13.6	10.7	16.1



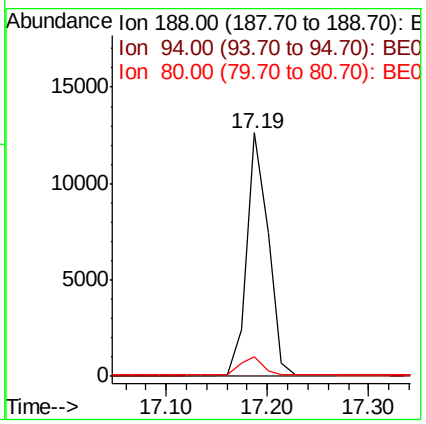


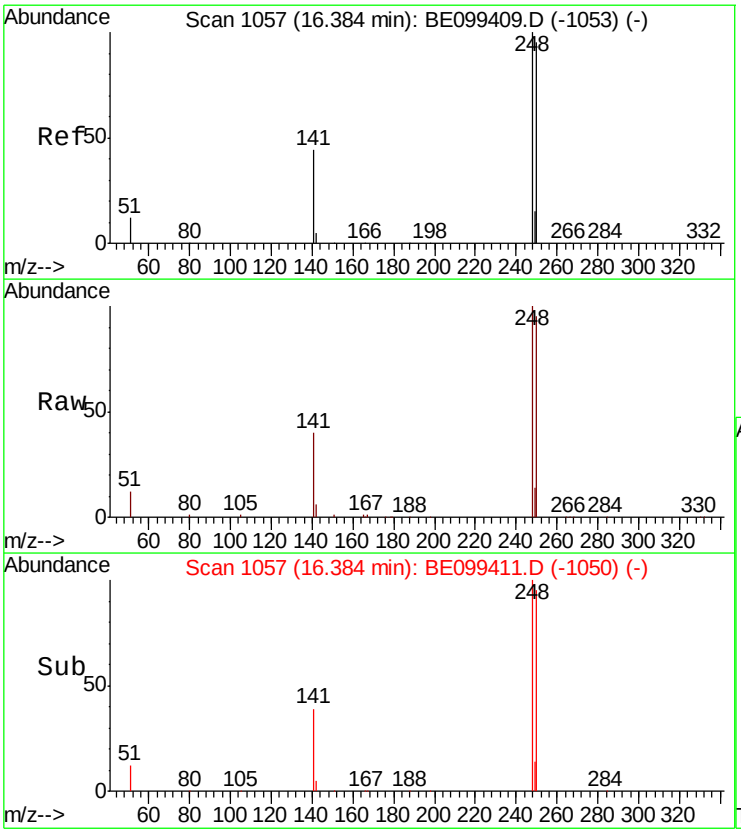
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18673

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.7	10.1

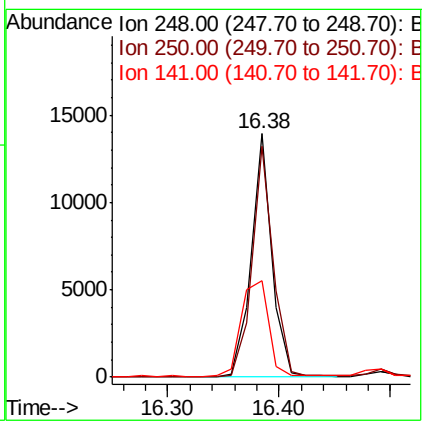


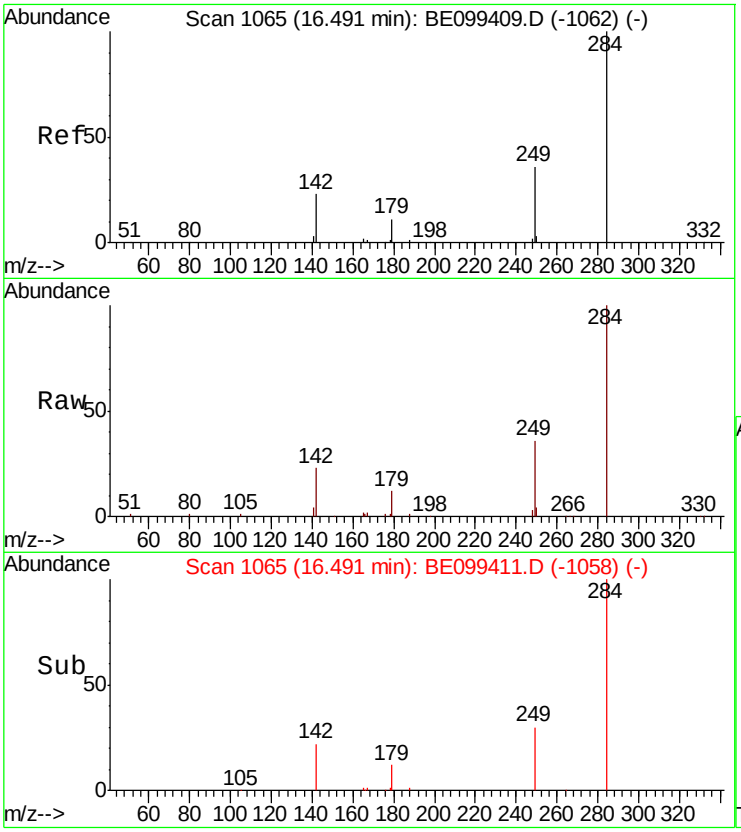


#20
4-Bromophenyl-phenylether
Concen: 1.717 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:248 Resp: 17767

Ion	Ratio	Lower	Upper
248	100		
250	94.8	75.8	113.8
141	39.5	35.7	53.5



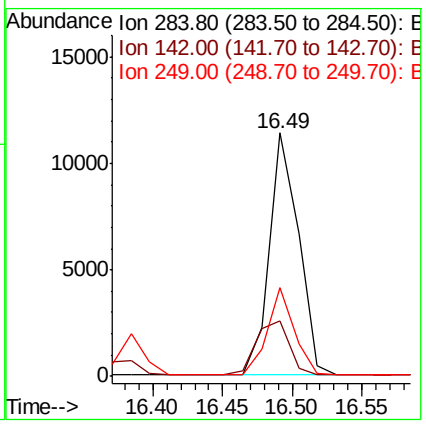


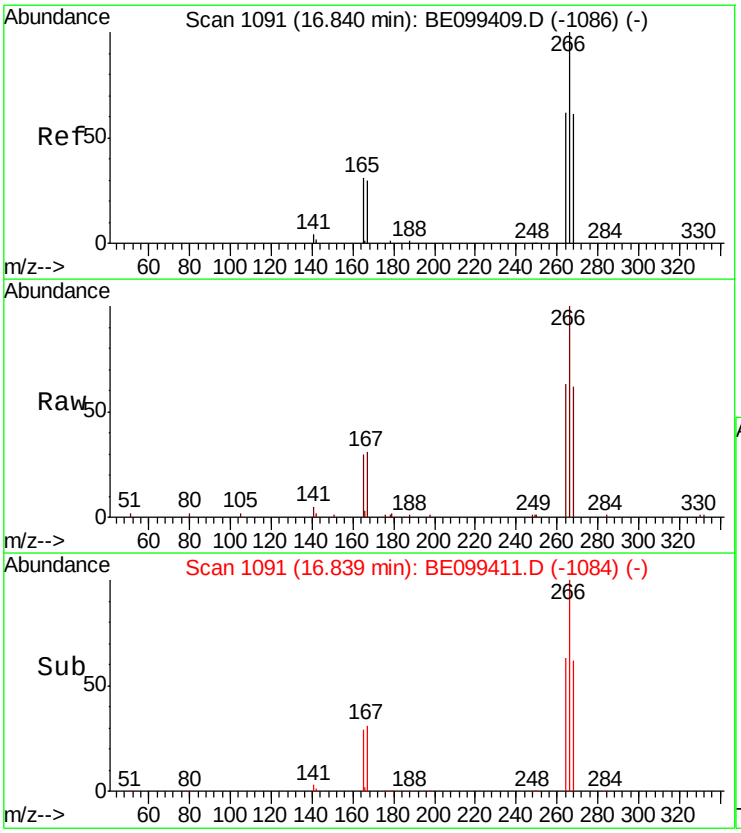
#21
Hexachlorobenzene
Concen: 1.682 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 16722

Ion	Ratio	Lower	Upper
284	100		
142	25.4	21.0	31.6
249	33.2	26.7	40.1

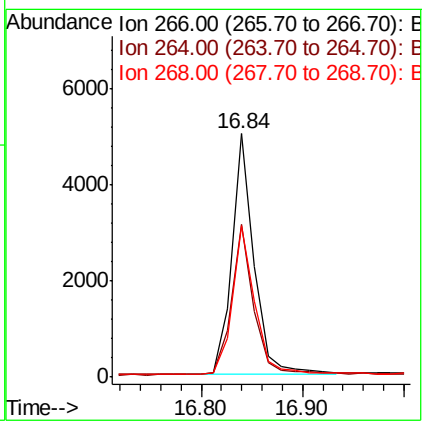


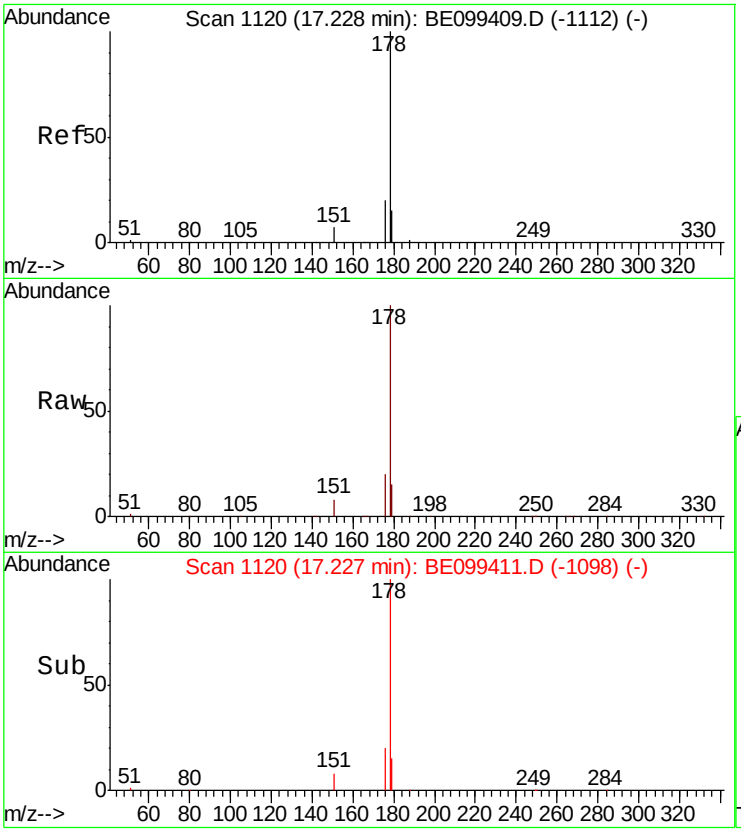


#22
Pentachlorophenol
Concen: 2.855 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:266 Resp: 7652

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.8	76.2
268	62.1	50.5	75.7



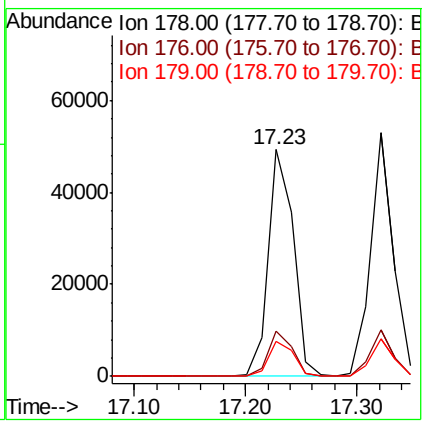


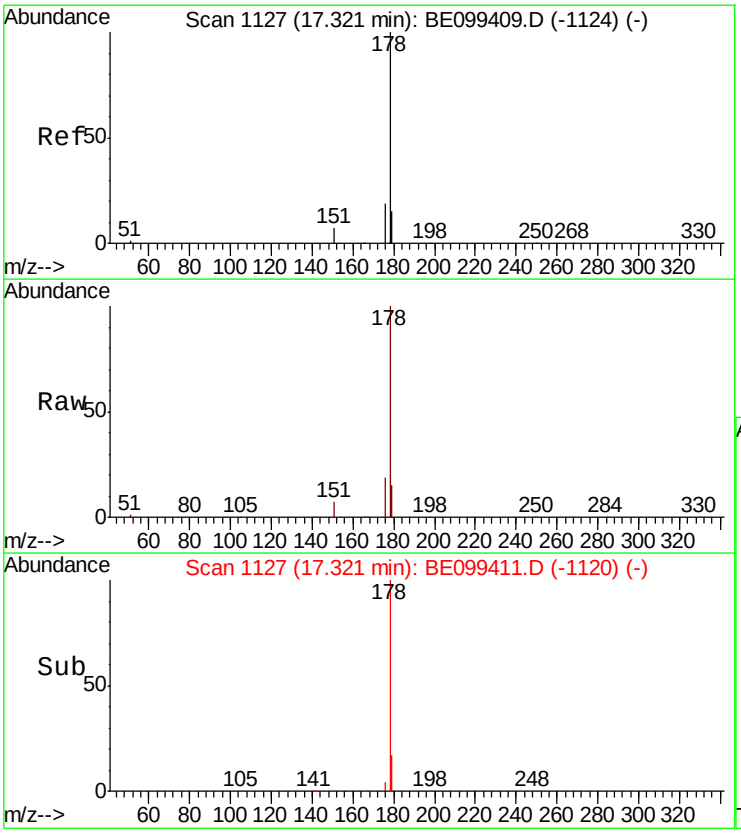
#23
Phenanthrene
Concen: 1.577 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 77994

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.4	12.0	18.0

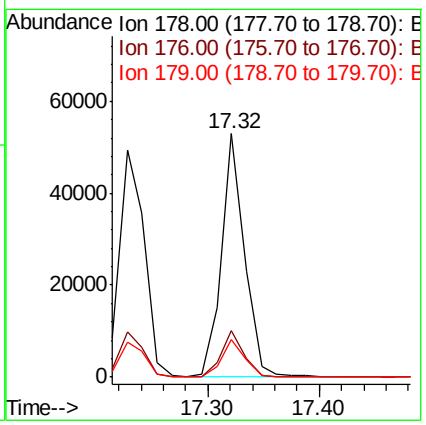


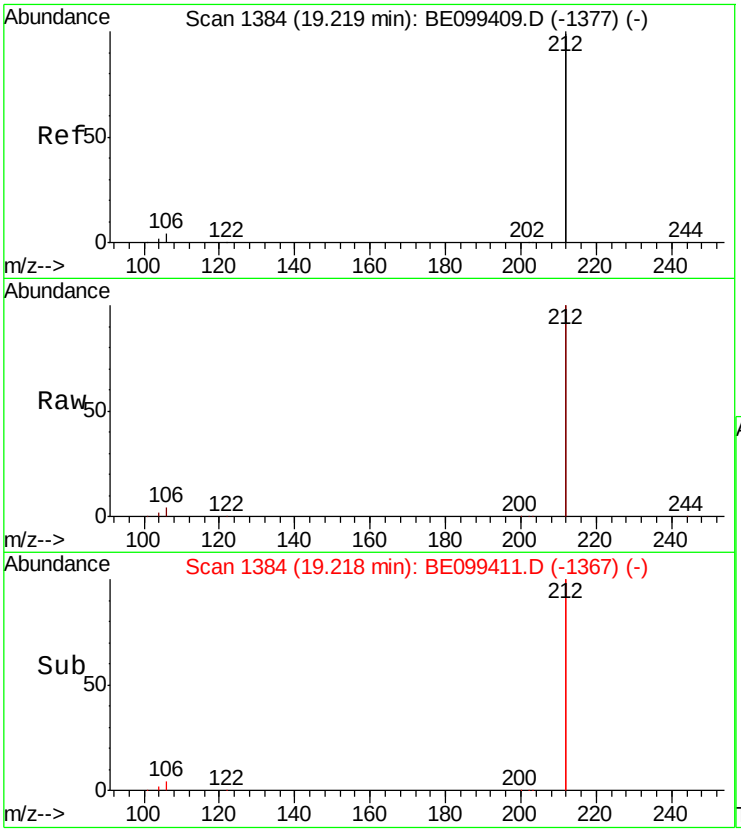


#24
Anthracene
Concen: 1.712 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:178 Resp: 75318

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.3	11.9	17.9



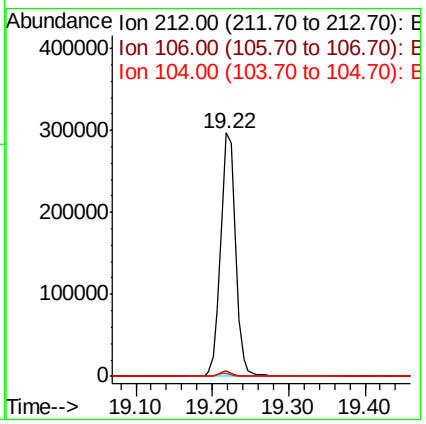


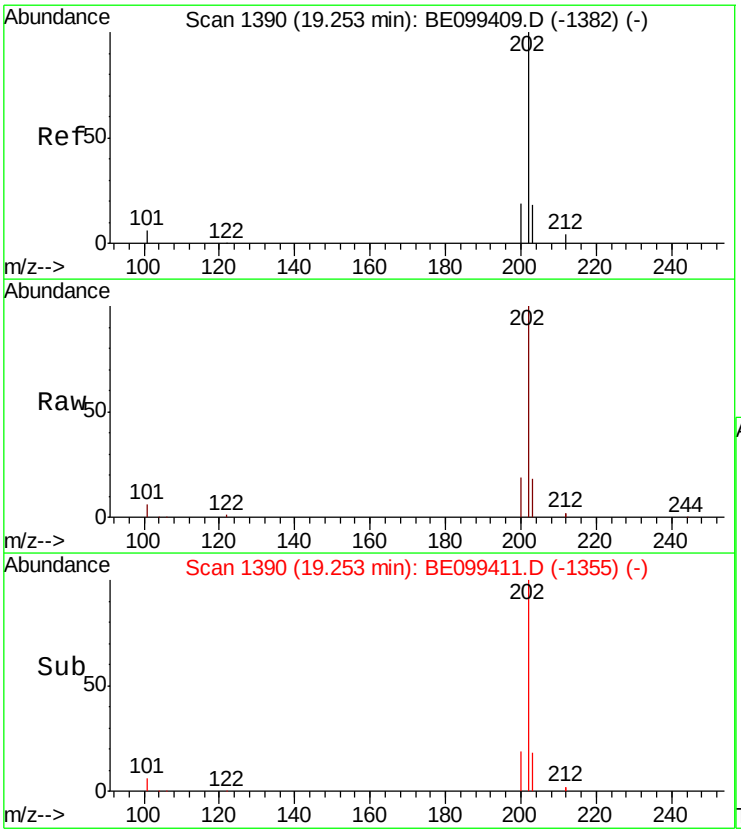
#25
Fluoranthene-d10
Concen: 1.804 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 404707

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3

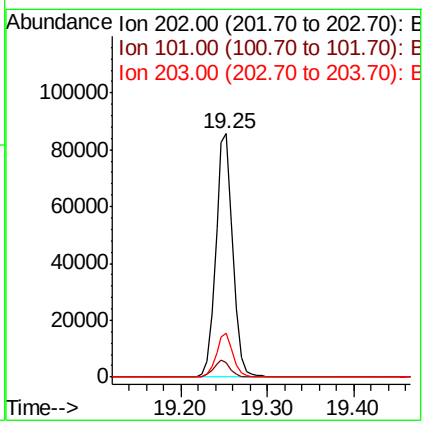


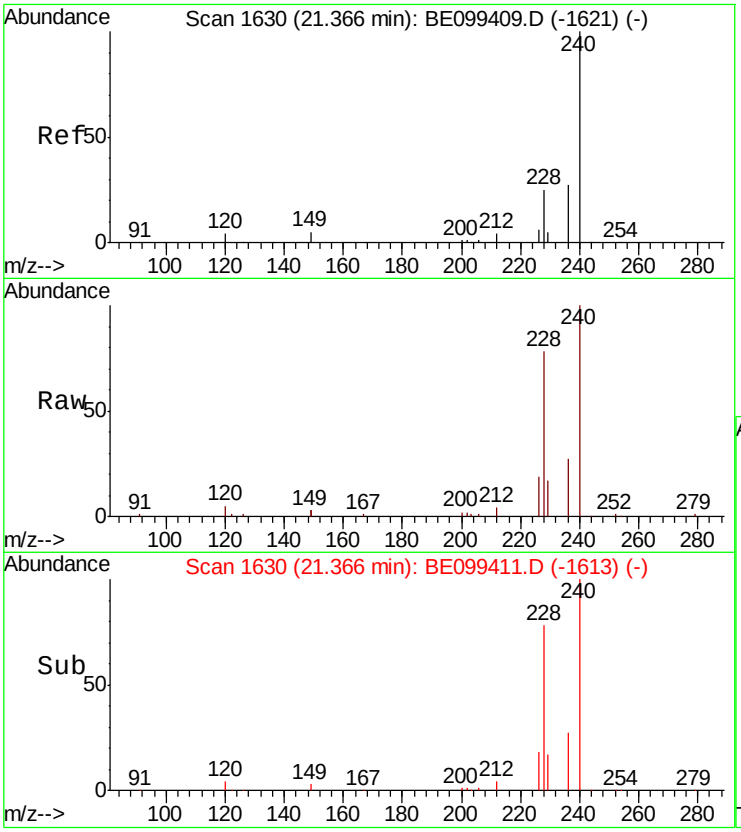


#26
Fluoranthene
Concen: 1.764 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:202 Resp: 116757

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.4	8.0
203	17.4	13.9	20.9



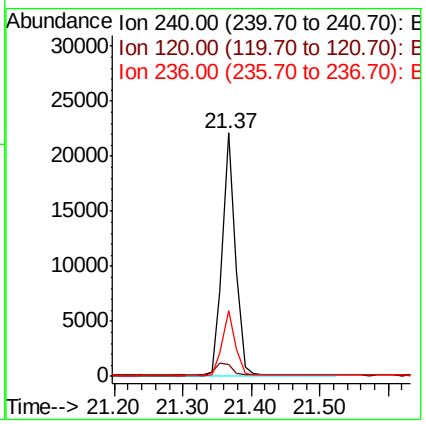


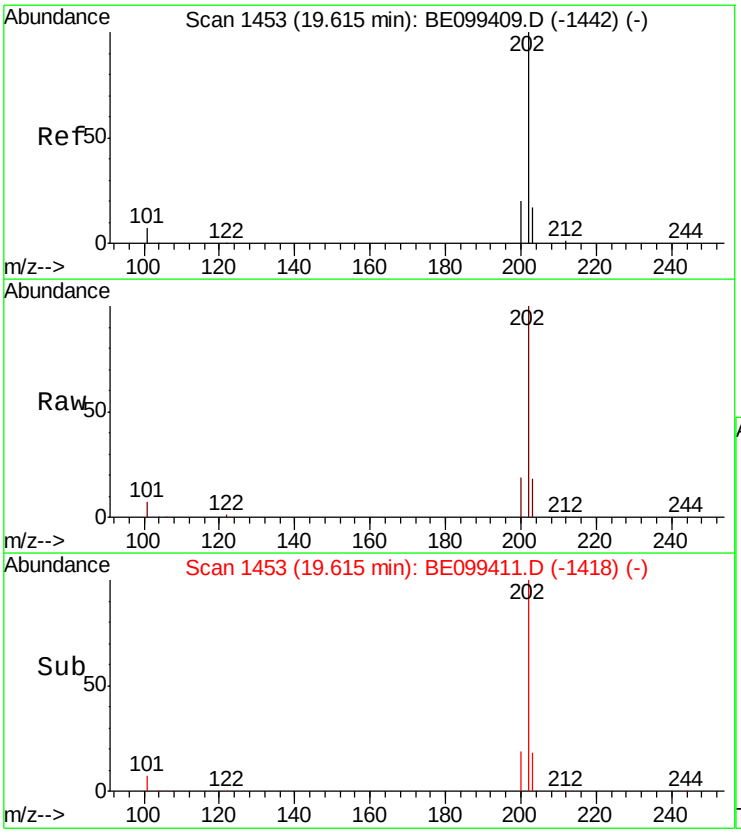
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 29733

Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.0	6.0
236	27.0	22.0	33.0

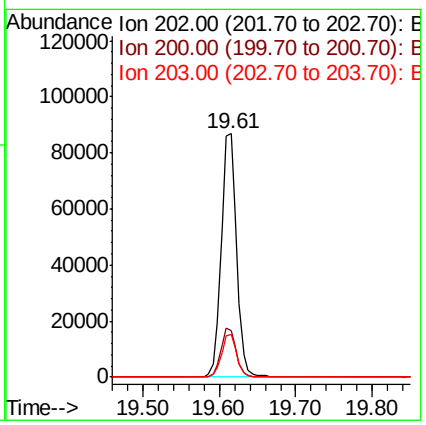


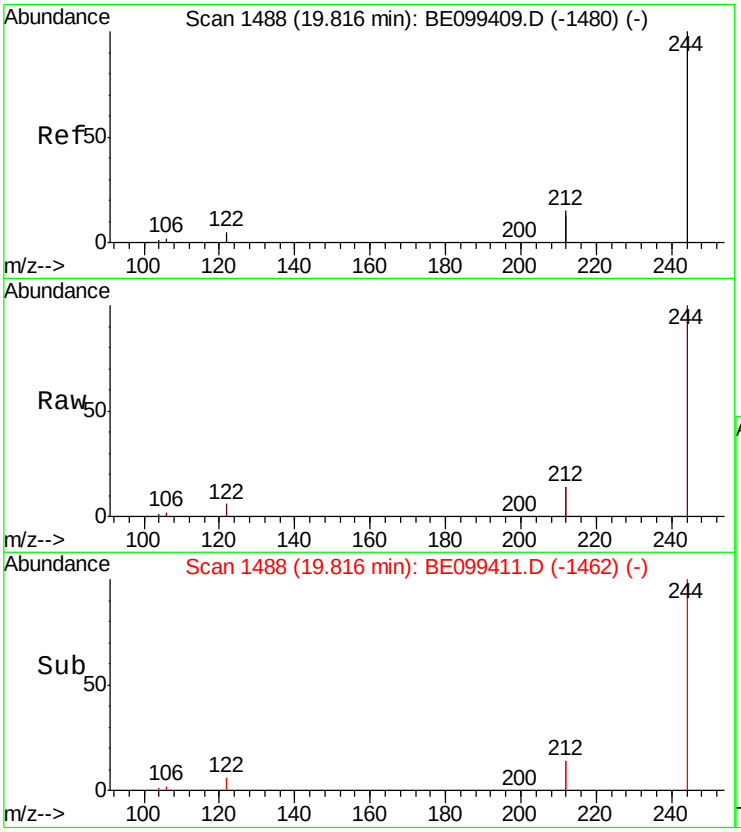


#28
Pyrene
Concen: 1.378 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:202 Resp: 120701

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	17.5	13.9	20.9



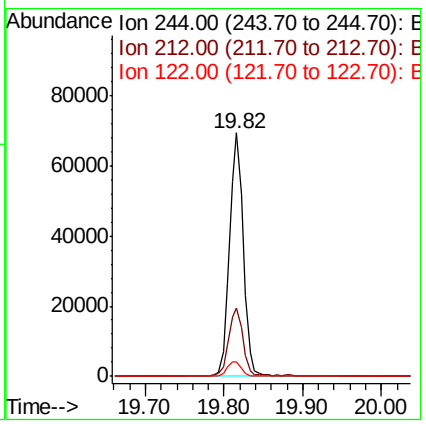


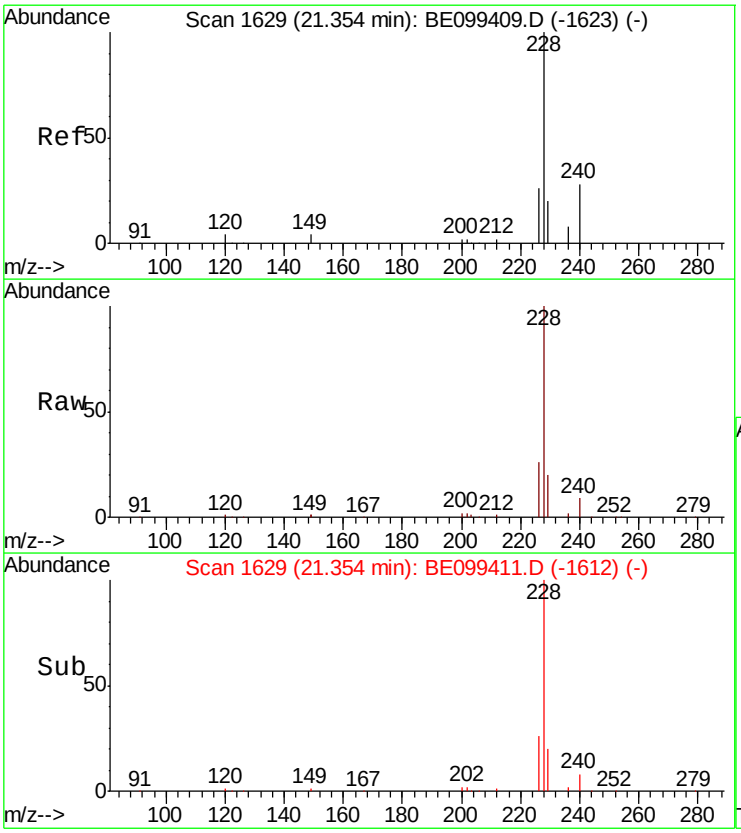
#29
Terphenyl-d14
Concen: 1.450 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 84833

Ion	Ratio	Lower	Upper
244	100		
212	28.1	23.2	34.8
122	5.7	4.2	6.4

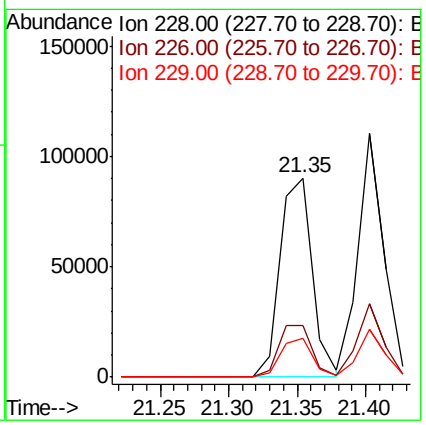


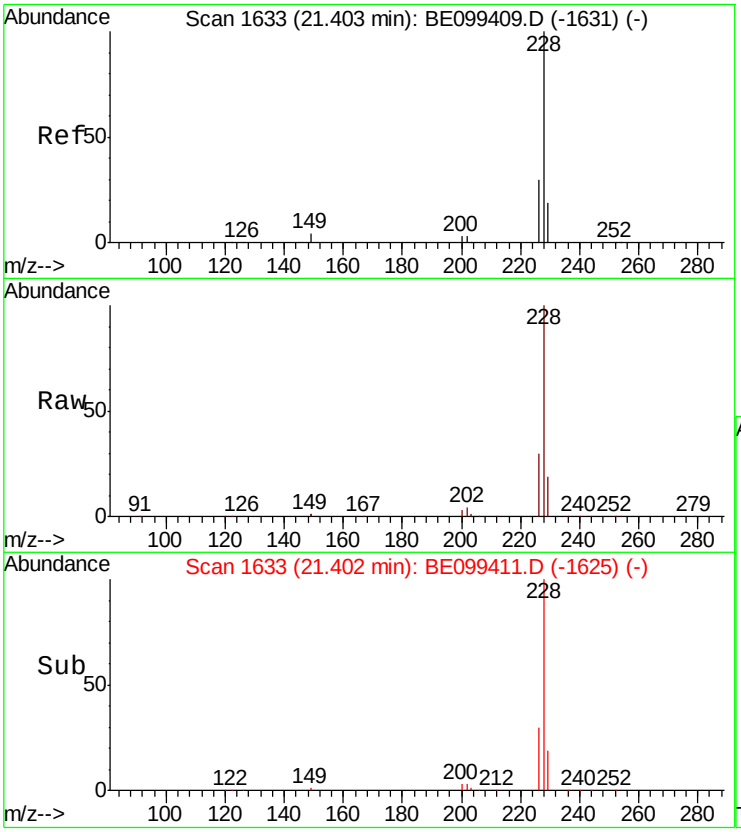


#30
Benzo(a)anthracene
Concen: 1.674 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:228 Resp: 146328

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.0	31.6
229	19.8	16.6	25.0



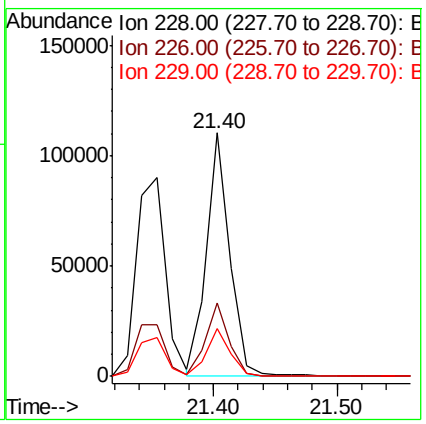


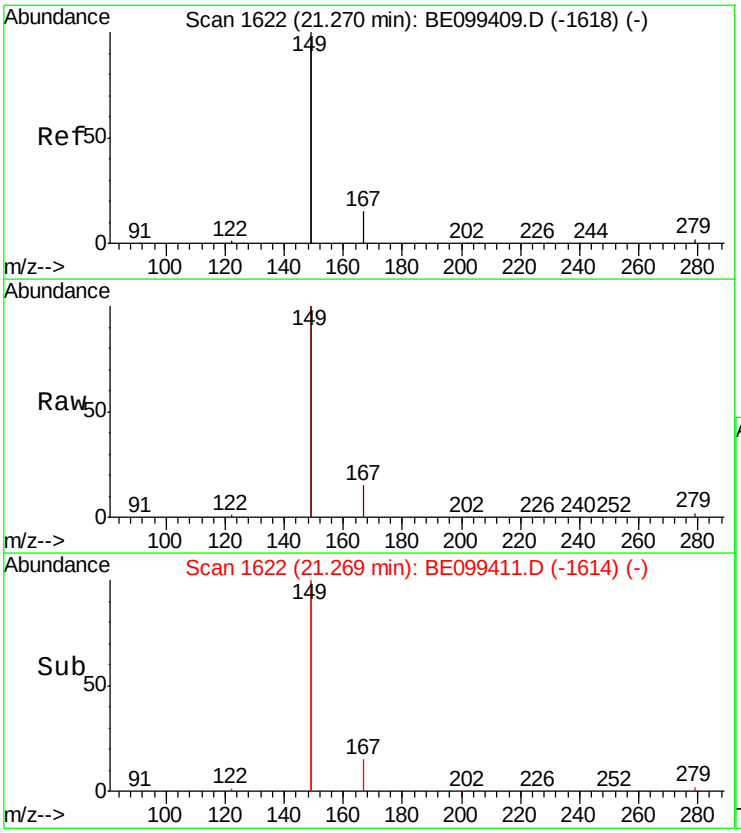
#31
Chrysene
Concen: 1.546 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 143783

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	19.4	15.8	23.8

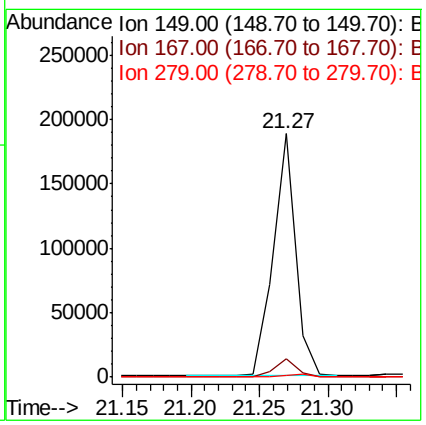


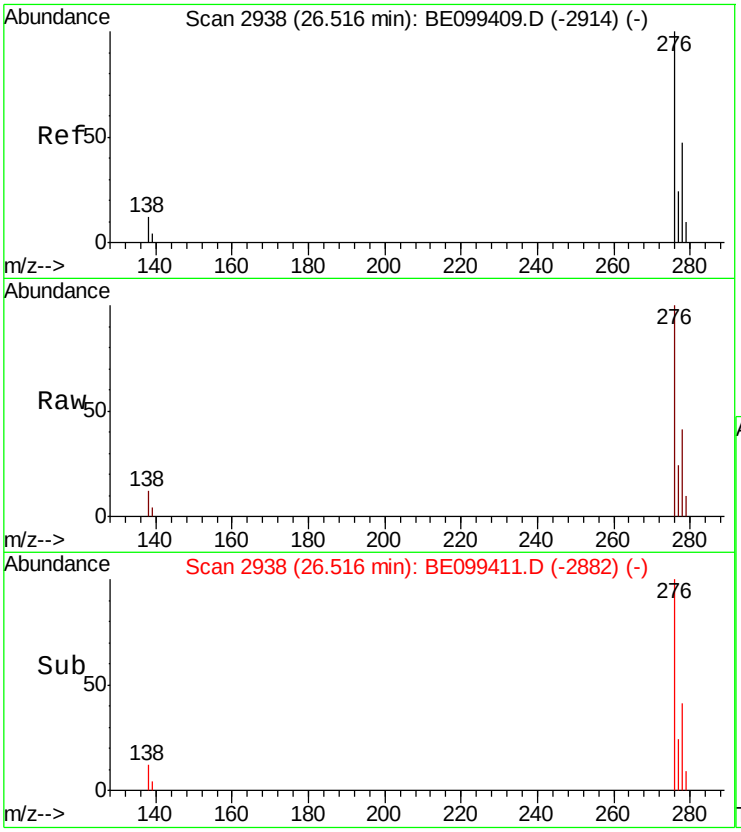


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.665 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:149 Resp: 212000

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.3	1.0	1.6



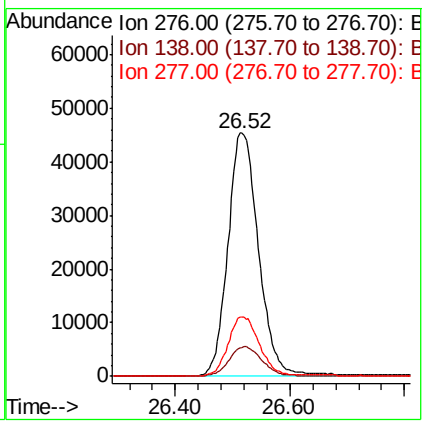


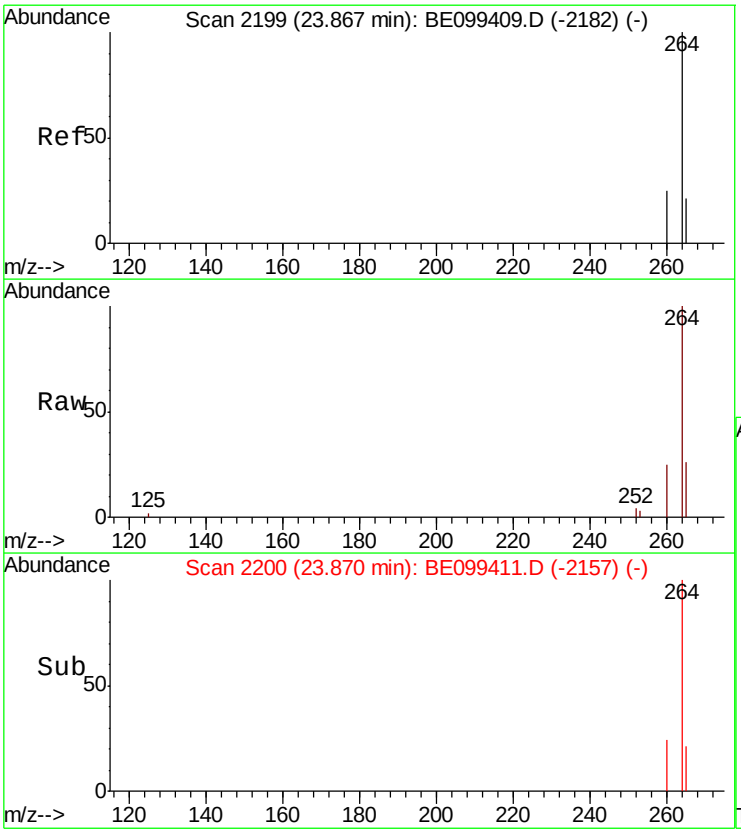
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.820 ng
RT: 26.52 min Scan# 2938
Delta R.T. 0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 167219

Ion	Ratio	Lower	Upper
276	100		
138	12.7	10.2	15.2
277	24.6	19.2	28.8

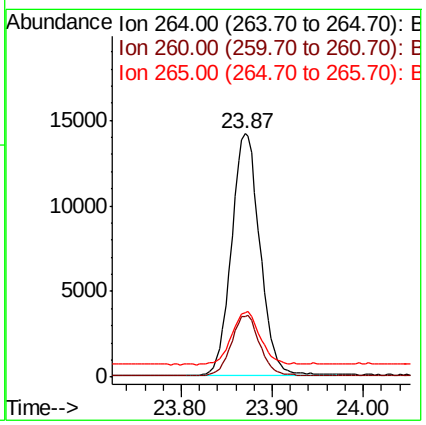


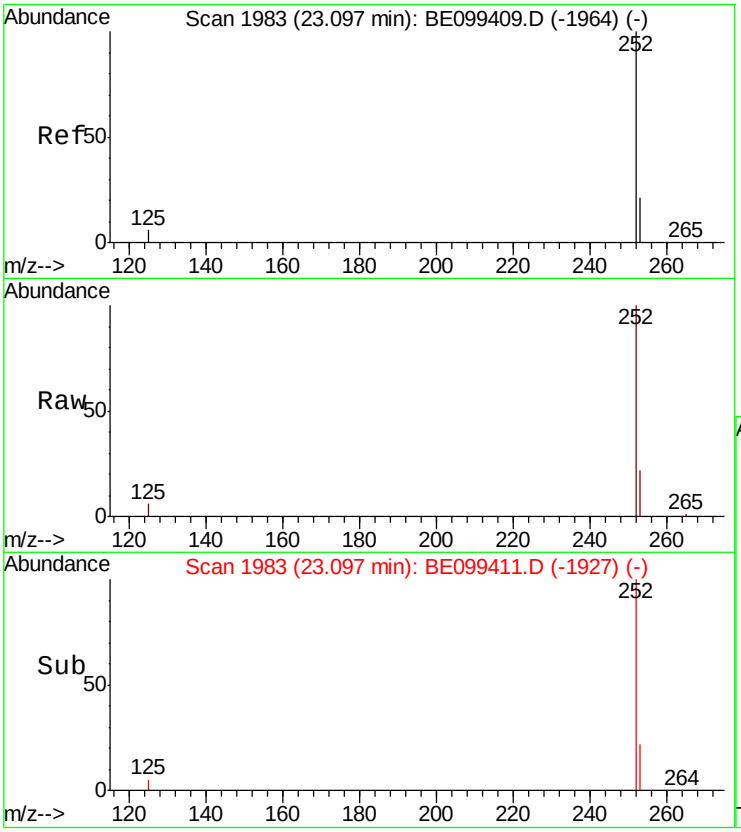


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:264 Resp: 30782

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	26.3	21.3	31.9



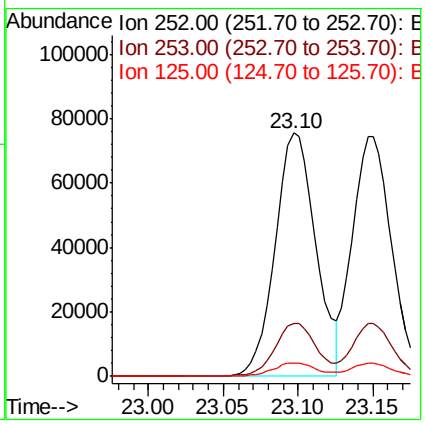


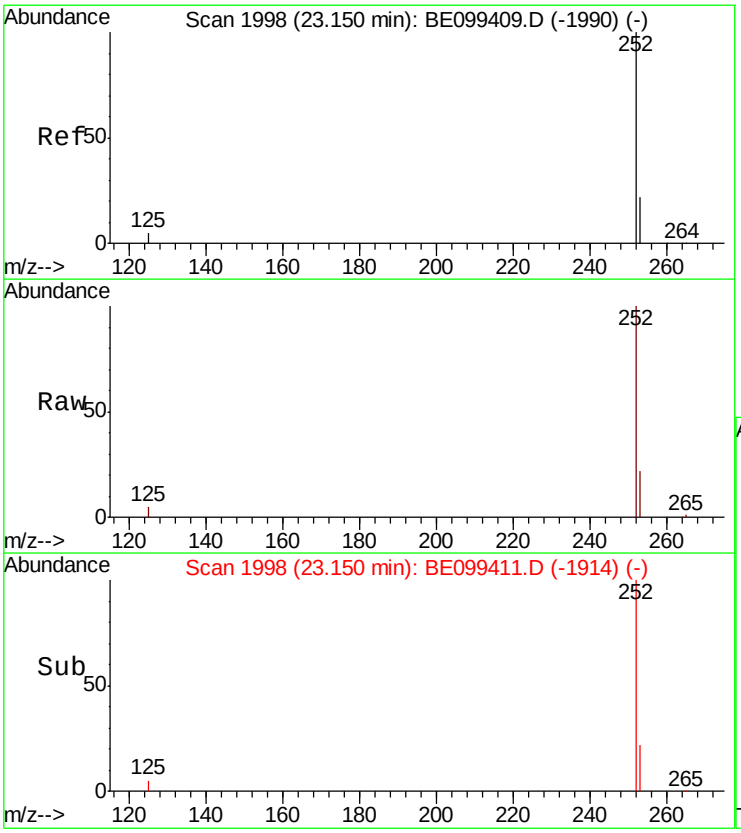
#35
Benzo(b)fluoranthene
Concen: 1.513 ng
RT: 23.10 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 142596

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	5.6	5.6	8.4

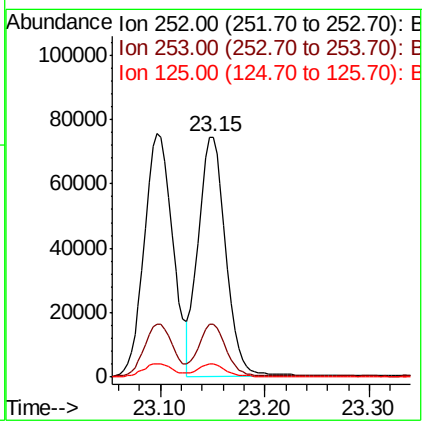


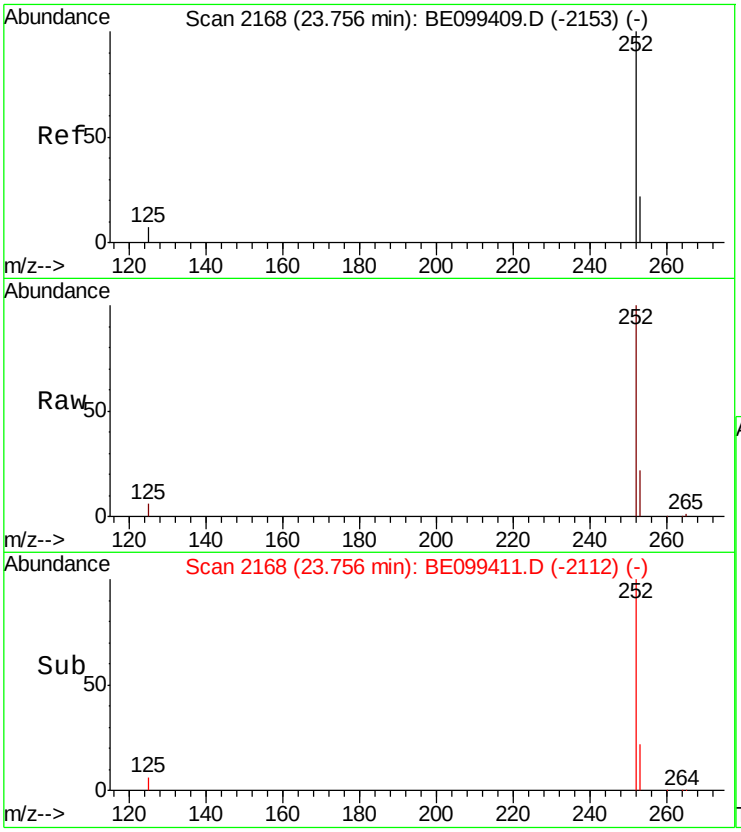


#36
Benzo(k)fluoranthene
Concen: 1.447 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:252 Resp: 135912

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	5.4	5.0	7.4



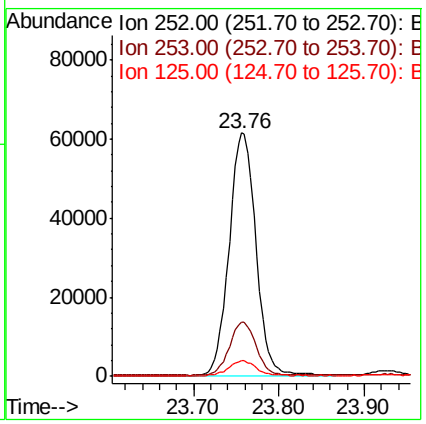


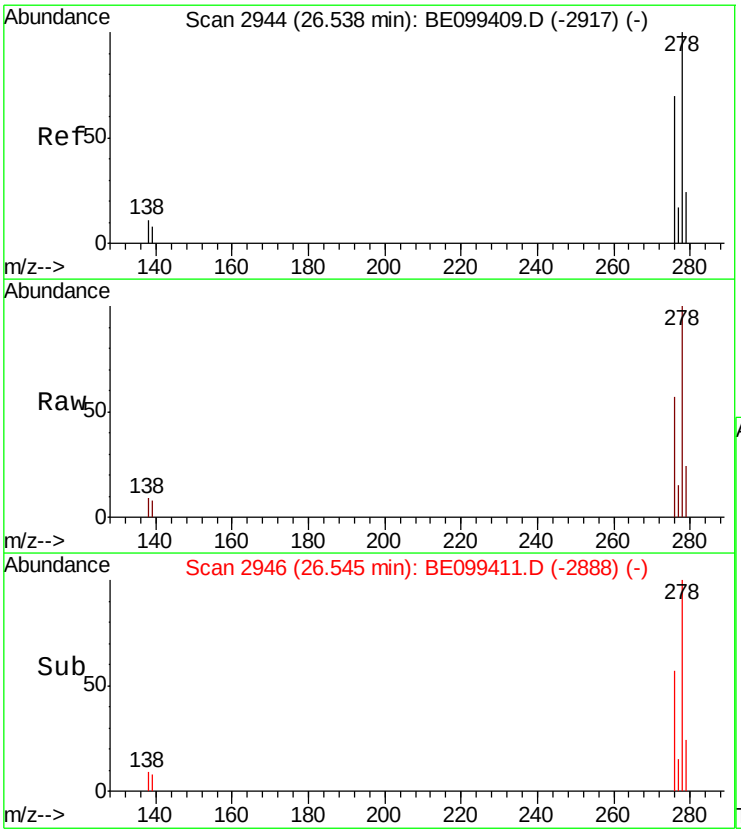
#37
Benzo(a)pyrene
Concen: 1.582 ng
RT: 23.76 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 133531

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	6.5	6.7	10.1#

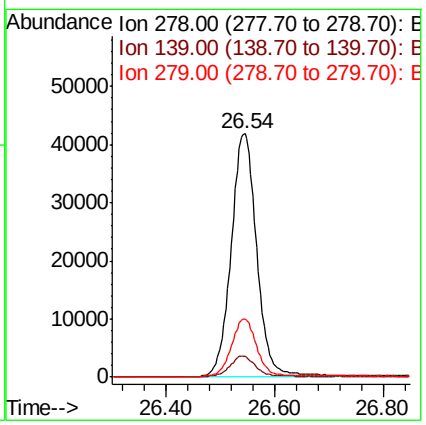


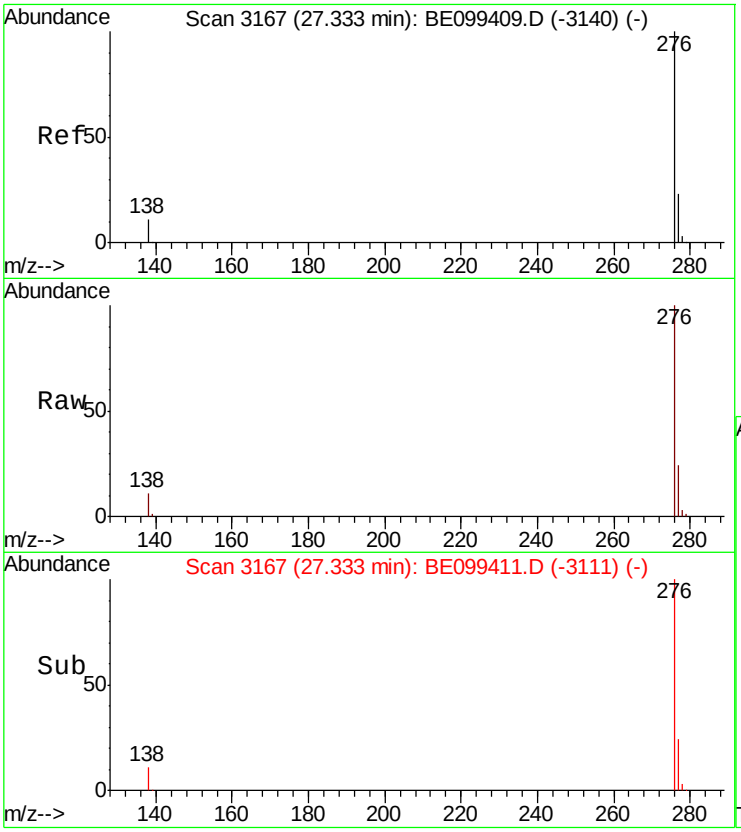


#38
Dibenzo(a,h)anthracene
Concen: 1.595 ng
RT: 26.54 min Scan# 2946
Delta R.T. 0.01 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Tgt Ion:278 Resp: 137591

Ion	Ratio	Lower	Upper
278	100		
139	8.4	7.7	11.5
279	23.8	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 1.557 ng
RT: 27.33 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BE099411.D
Acq: 29 Apr 2019 16:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 136267

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	11.4	9.6	14.4