Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
Data File : BE099081.D
Acq On : 22 Mar 2019 14:34
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 22 15:13:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 13:31:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3257	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	13945	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	9915	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	28477	0.40	ng		0.00
27) Chrysene-d12	21.39	240	33458	0.40	ng		0.00
34) Perylene-d12	23.90	264	33007	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	47837	4.91	ng		0.00
5) Phenol-d6	7.00	99	70186	5.10	ng		0.00
8) Nitrobenzene-d5	8.99	82	36301	2.48	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	123119	4.78	ng		-0.01
14) 2,4,6-Tribromophenol	15.97	330	20661	4.13	ng		0.01
15) 2-Fluorobiphenyl	13.12	172	185334	4.51	ng		0.00
25) Fluoranthene-d10	19.25	212	1812340	3.99	ng		0.00
29) Terphenyl-d14	19.84	244	356657	4.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	23720	3.693	ng		92
3) n-Nitrosodimethylamine	3.66	42	15645	1.909	ng	#	100
6) bis(2-Chloroethyl)ether	7.26	93	59948	5.647	ng		100
9) Naphthalene	10.68	128	775951	4.858	ng		100
10) Hexachlorobutadiene	10.97	225	37344	3.534	ng		99
12) 2-Methylnaphthalene	12.31	142	137109	5.293	ng		99
16) Acenaphthylene	14.21	152	266521	5.227	ng		100
17) Acenaphthene	14.54	154	152223	5.032	ng		96
18) Fluorene	15.51	166	218456	5.008	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	78087	5.059	ng		96
21) Hexachlorobenzene	16.52	284	71405	3.891	ng		98
22) Pentachlorophenol	16.87	266	29427	7.892	ng		98
23) Phenanthrene	17.25	178	397113	4.906	ng		99
24) Anthracene	17.35	178	393876	5.693	ng		100
26) Fluoranthene	19.28	202	540717	4.733	ng		99
28) Pyrene	19.64	202	551921	5.392	ng		100
30) Benzo(a)anthracene	21.38	228	557092	5.335	ng		98
31) Chrysene	21.43	228	545303	4.881	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	828133	3.727	ng		100
33) Indeno(1,2,3-cd)pyrene	26.57	276	613065	5.198	ng		99
35) Benzo(b)fluoranthene	23.13	252	544695	5.019	ng		98
36) Benzo(k)fluoranthene	23.18	252	533457	4.695	ng	#	97
37) Benzo(a)pyrene	23.79	252	504702	4.850	ng		95
38) Dibenzo(a,h)anthracene	26.59	278	505232	5.132	ng		99
39) Benzo(g,h,i)perylene	27.39	276	502490	4.880	ng		98

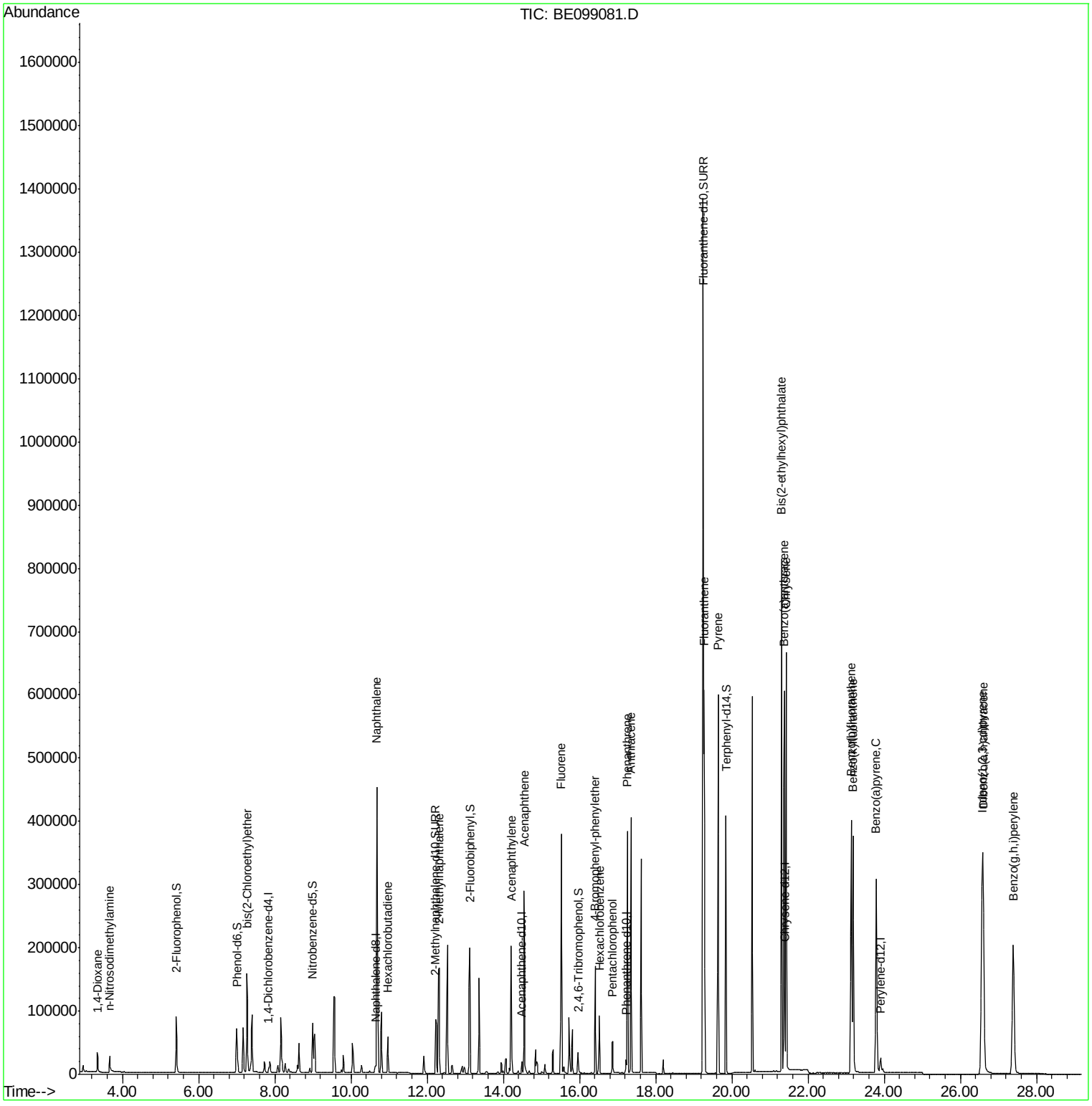
(#) = qualifier out of range (m) = manual integration (+) = signals summed

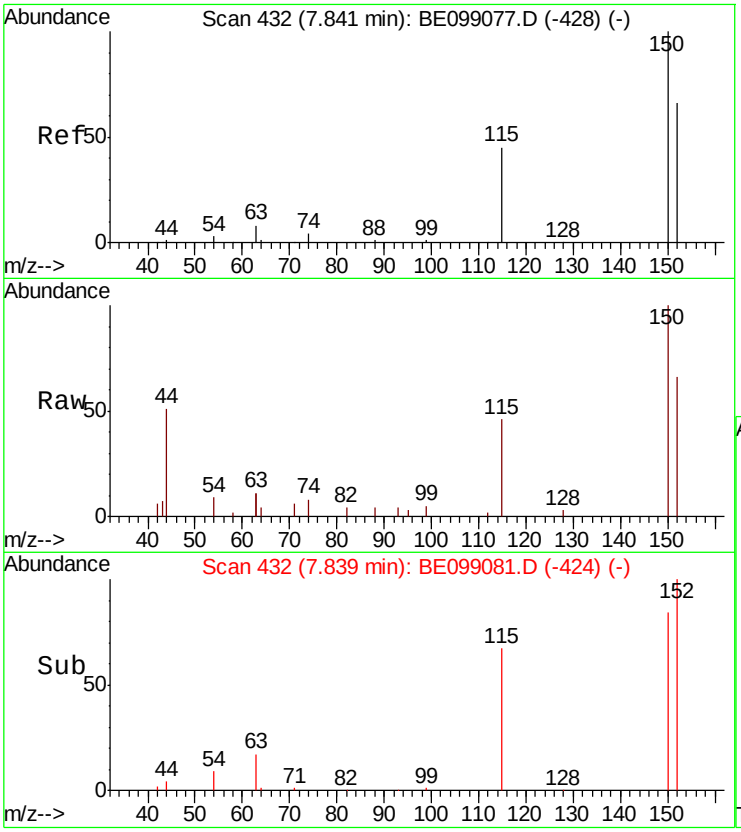
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
Data File : BE099081.D
Acq On : 22 Mar 2019 14:34
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 22 15:13:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 13:31:55 2019
Response via : Initial Calibration



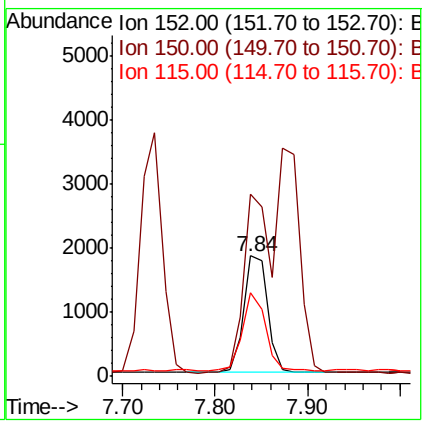


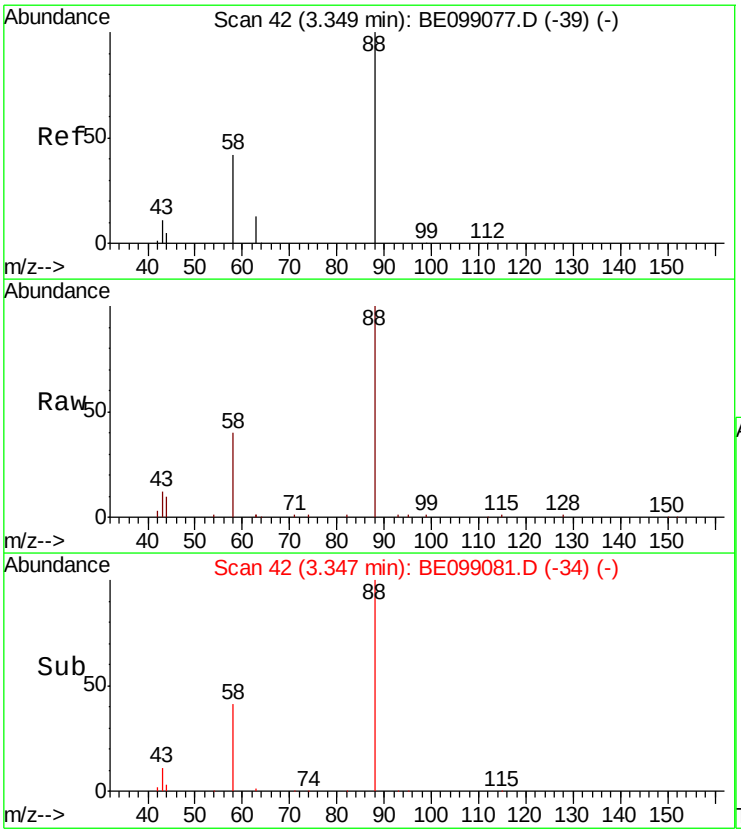
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3257

Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.7	179.5
115	69.7	56.5	84.7

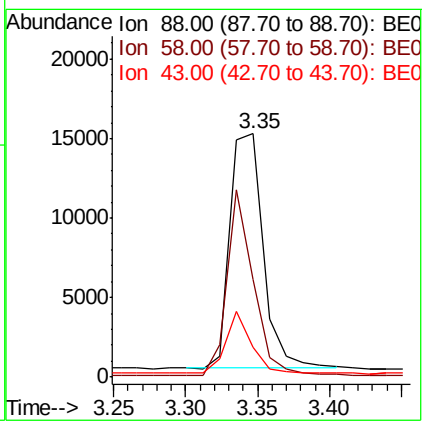


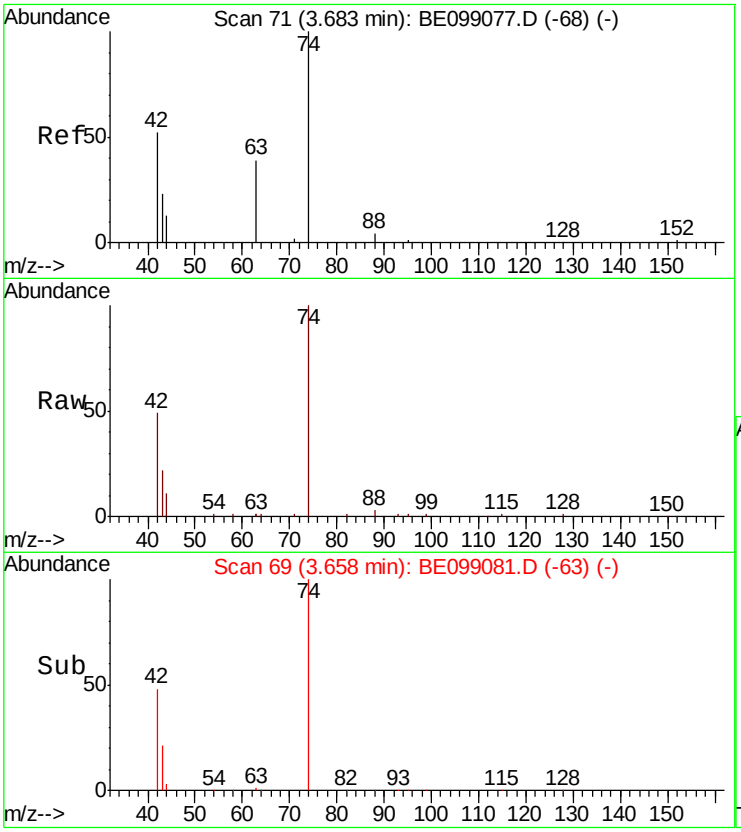


#2
1,4-Dioxane
Concen: 3.693 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion: 88 Resp: 23720

Ion	Ratio	Lower	Upper
88	100		
58	63.6	45.5	68.3
43	20.5	14.9	22.3



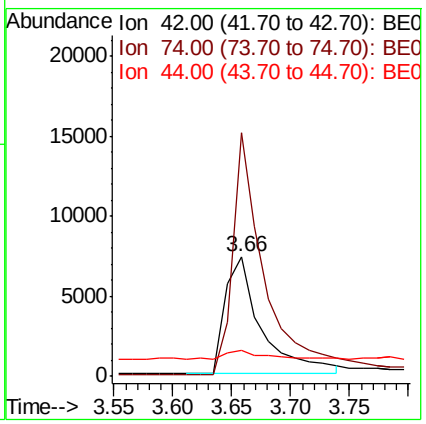


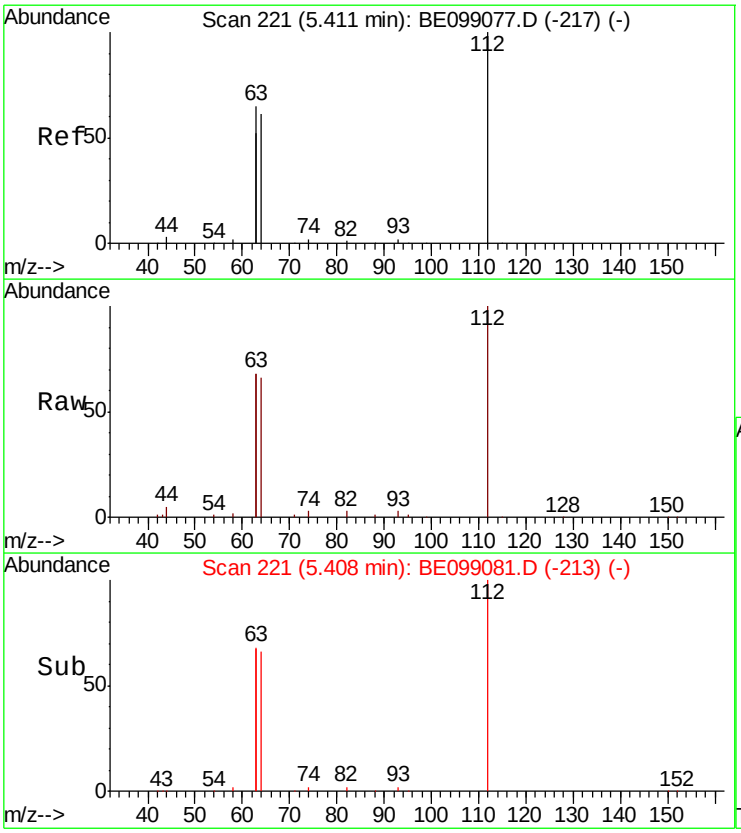
#3
n-Nitrosodimethylamine
Concen: 1.909 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.03 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 15645

Ion	Ratio	Lower	Upper
42	100		
74	182.1	0.0	0.0#
44	9.6	0.0	0.0#

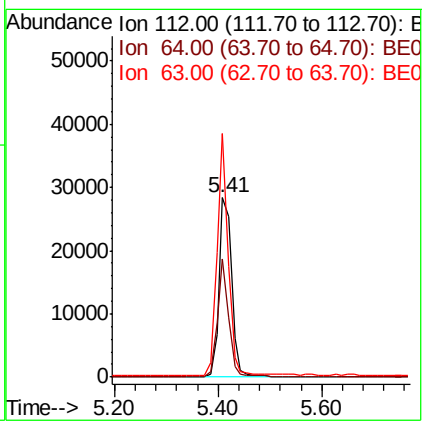


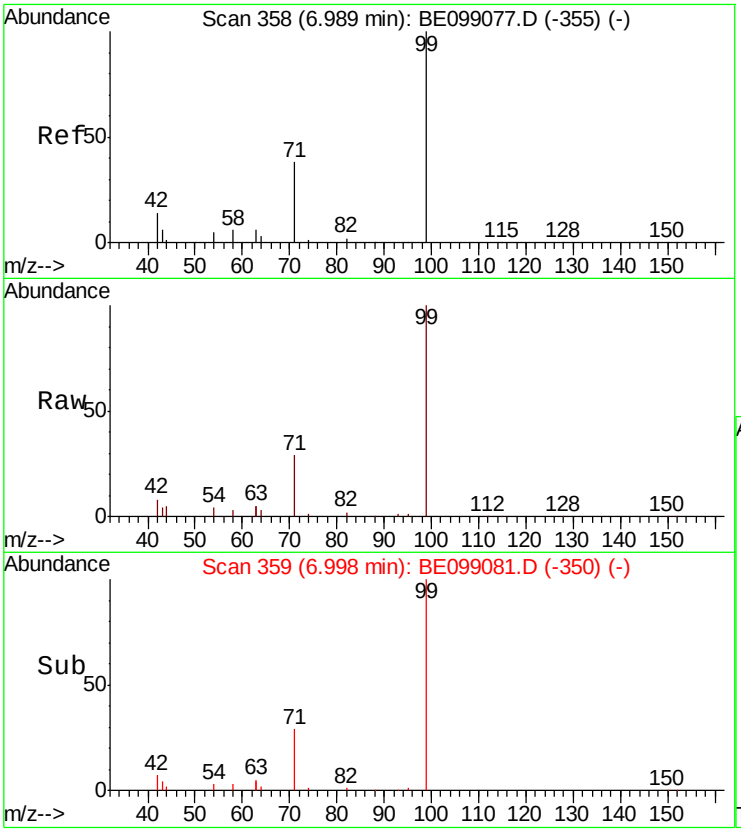


#4
2-Fluorophenol
Concen: 4.913 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:112 Resp: 47837

Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.8	67.2
63	118.1	88.2	132.2



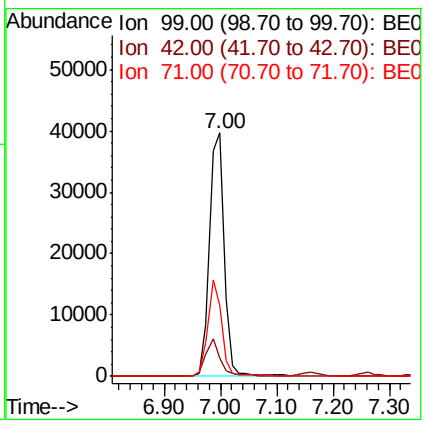


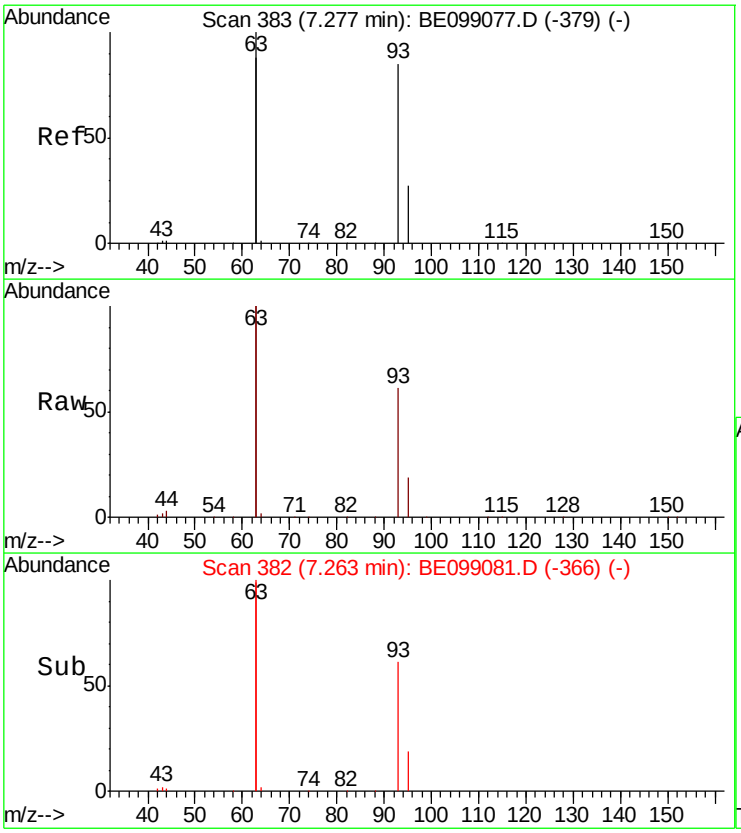
#5
Phenol-d6
Concen: 5.103 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 70186

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.8	17.8
71	35.9	27.4	41.2

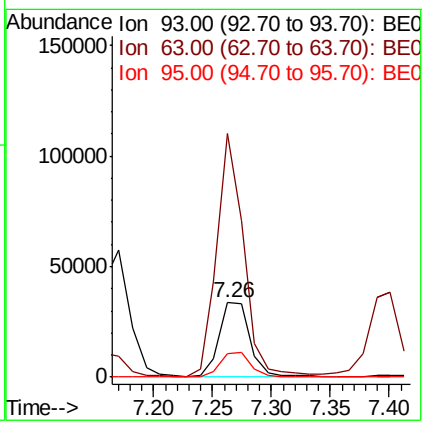


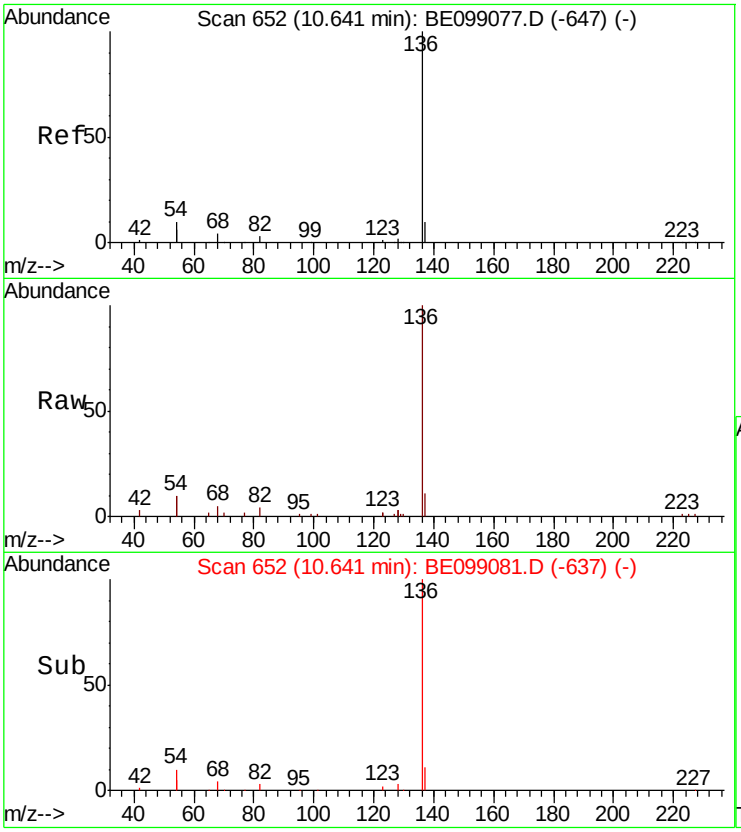


#6
bis(2-Chloroethyl)ether
Concen: 5.647 ng
RT: 7.26 min Scan# 382
Delta R.T. -0.01 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion: 93 Resp: 59948

Ion	Ratio	Lower	Upper
93	100		
63	288.0	230.3	345.5
95	32.6	27.4	41.2



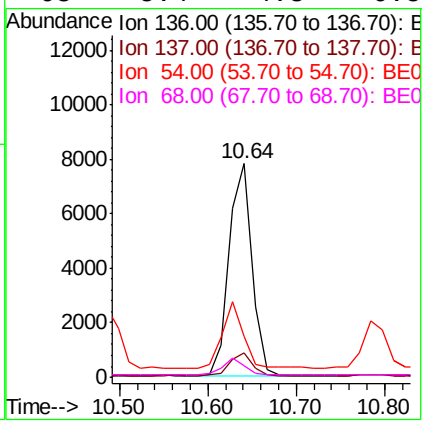


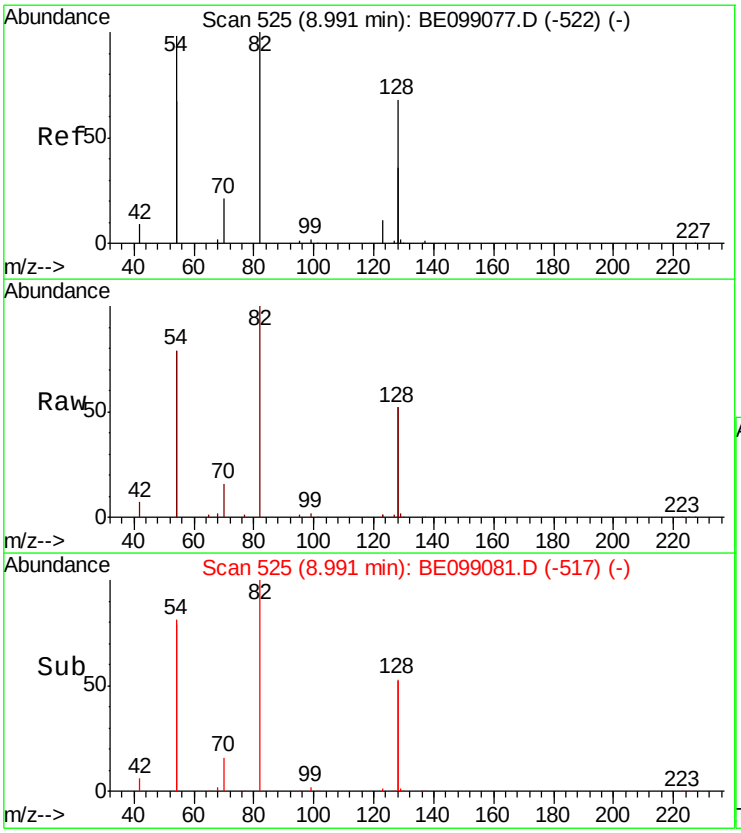
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13945

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	19.1	15.7	23.5
68	5.4	4.3	6.5

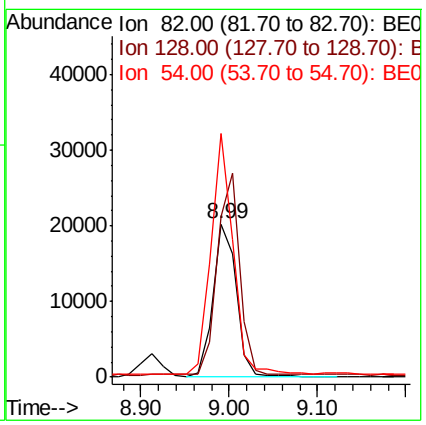


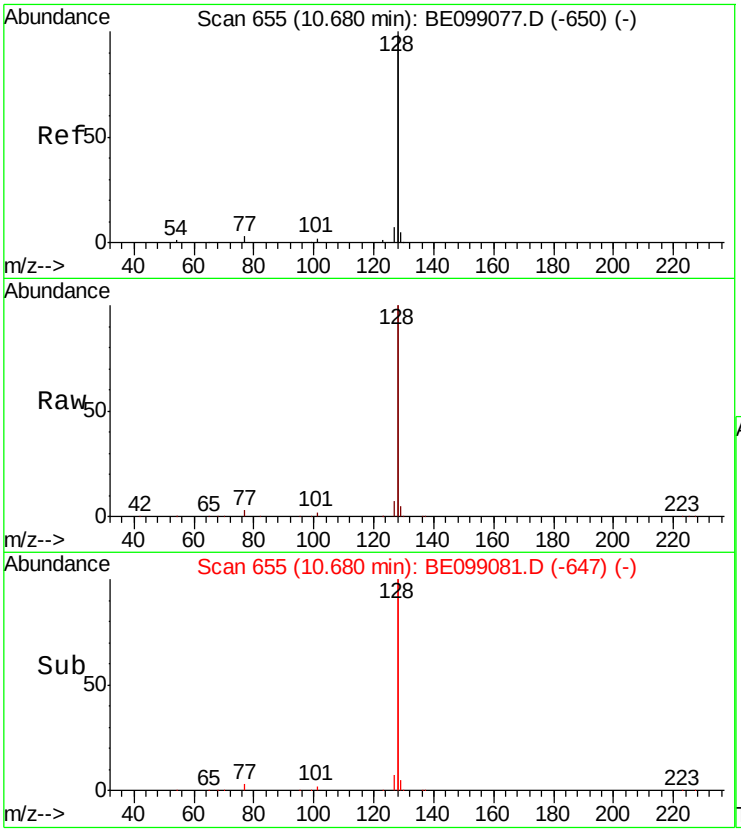


#8
Nitrobenzene-d5
Concen: 2.483 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion: 82 Resp: 36301

Ion	Ratio	Lower	Upper
82	100		
128	104.7	98.8	148.2
54	158.8	143.7	215.5



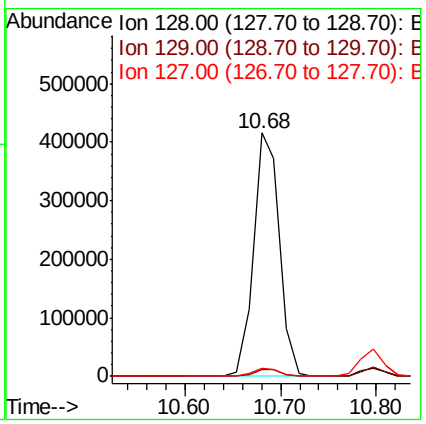


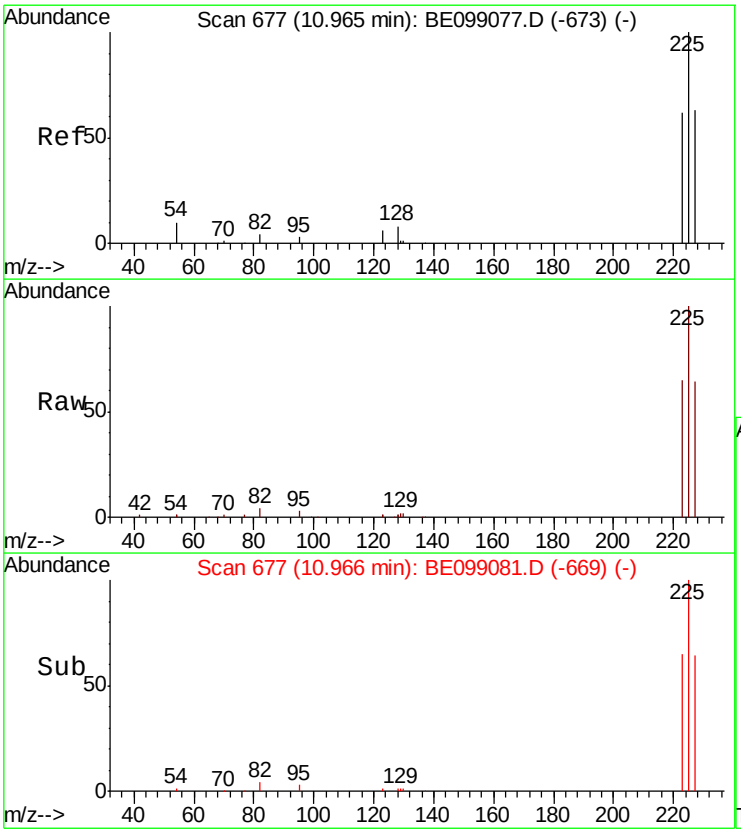
#9
Naphthalene
Concen: 4.858 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 775951

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.4	2.8	4.2

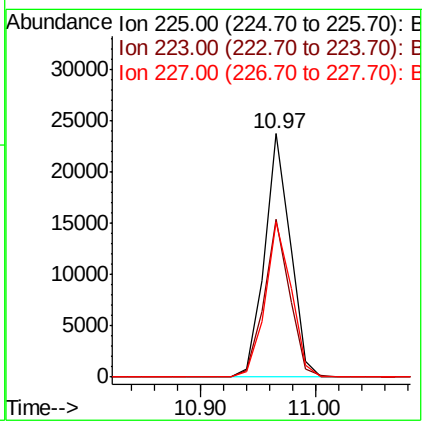


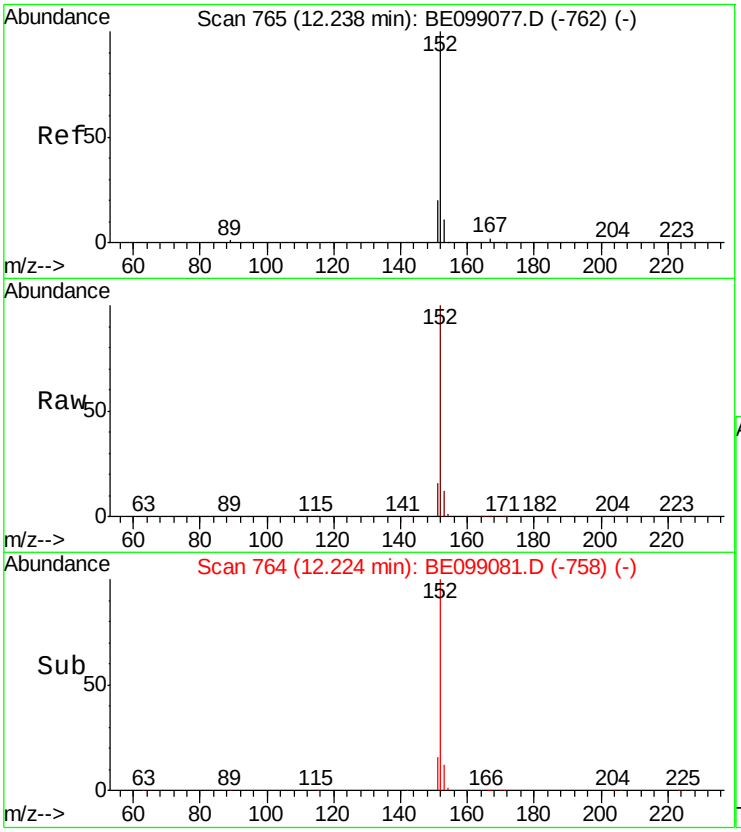


#10
Hexachlorobutadiene
Concen: 3.534 ng
RT: 10.97 min Scan# 677
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:225 Resp: 37344

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.1	76.7
227	63.9	51.4	77.2



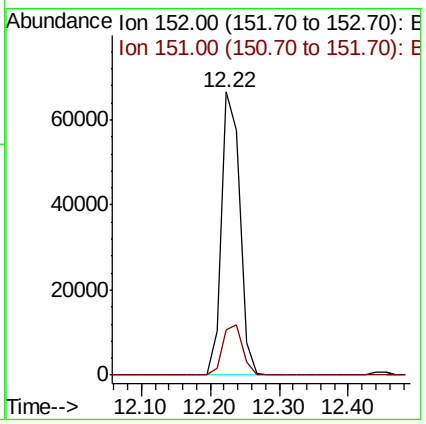


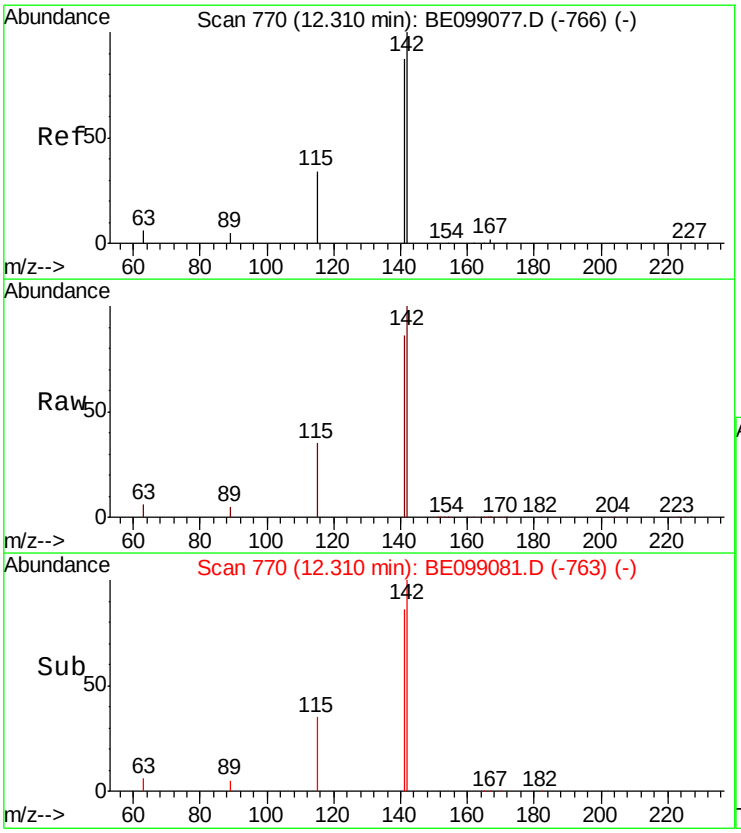
#11
2-Methylnaphthalene-d10
Concen: 4.777 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 123119

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5

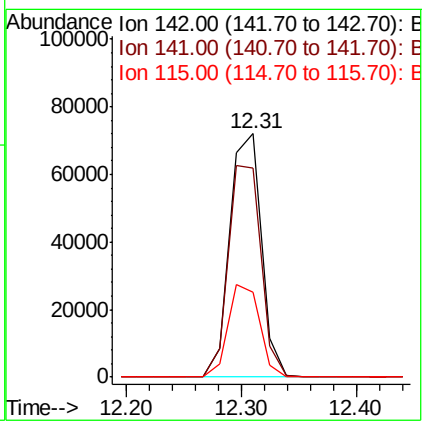


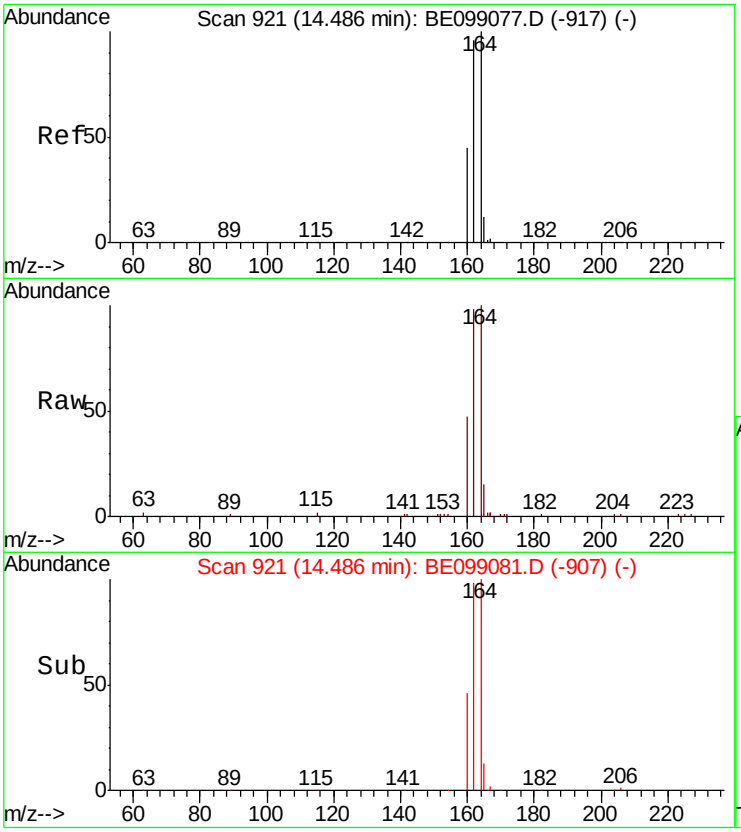


#12
2-Methylnaphthalene
Concen: 5.293 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:142 Resp: 137109

Ion	Ratio	Lower	Upper
142	100		
141	85.6	69.7	104.5
115	35.0	28.2	42.4



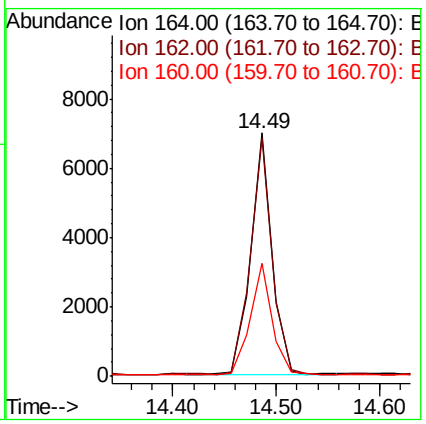


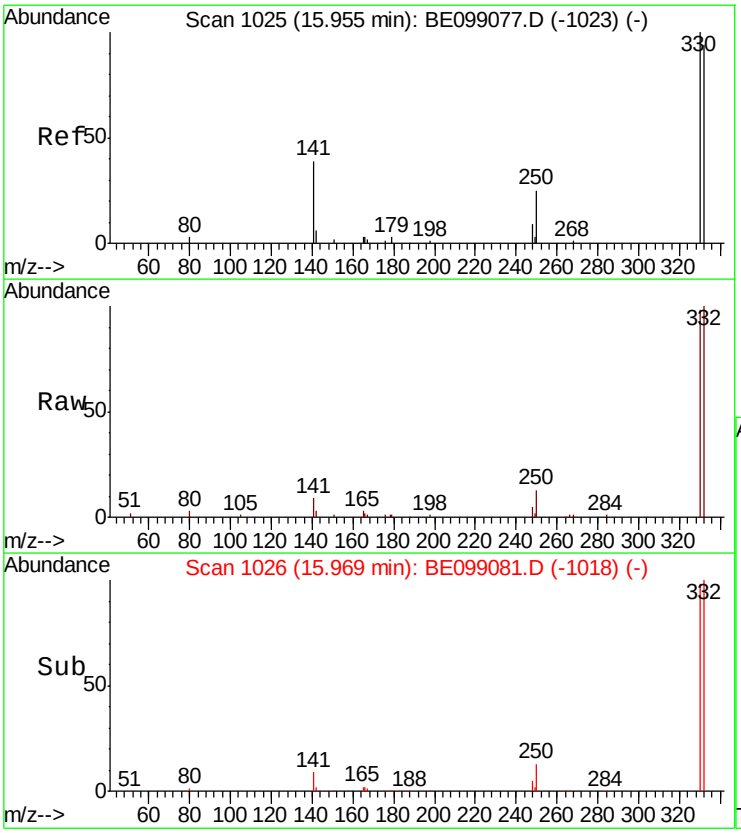
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9915

Ion	Ratio	Lower	Upper
164	100		
162	98.2	76.8	115.2
160	46.6	36.1	54.1

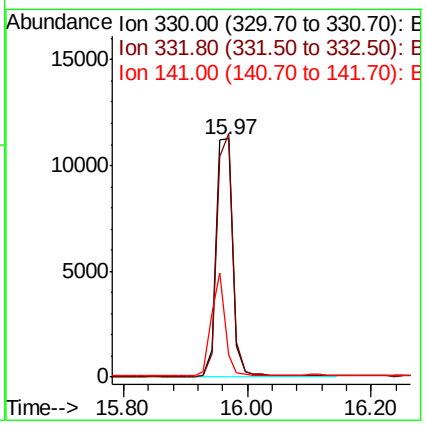


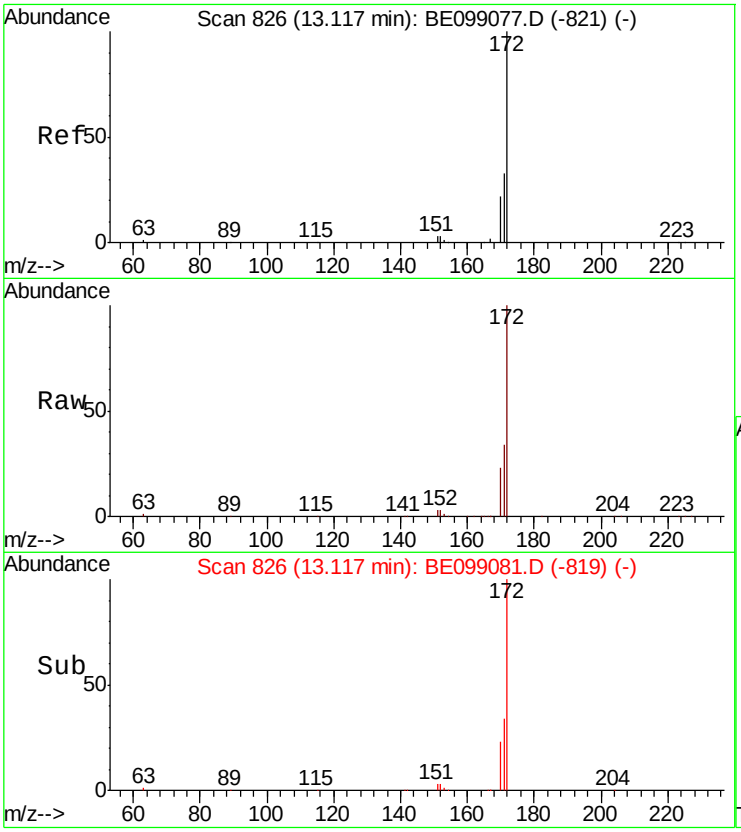


#14
2,4,6-Tribromophenol
Concen: 4.128 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:330 Resp: 20661

Ion	Ratio	Lower	Upper
330	100		
332	97.8	83.0	124.4
141	36.3	30.7	46.1



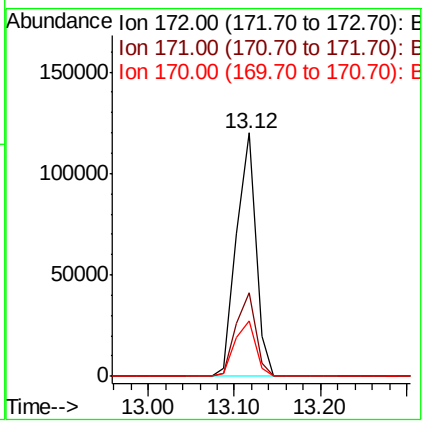


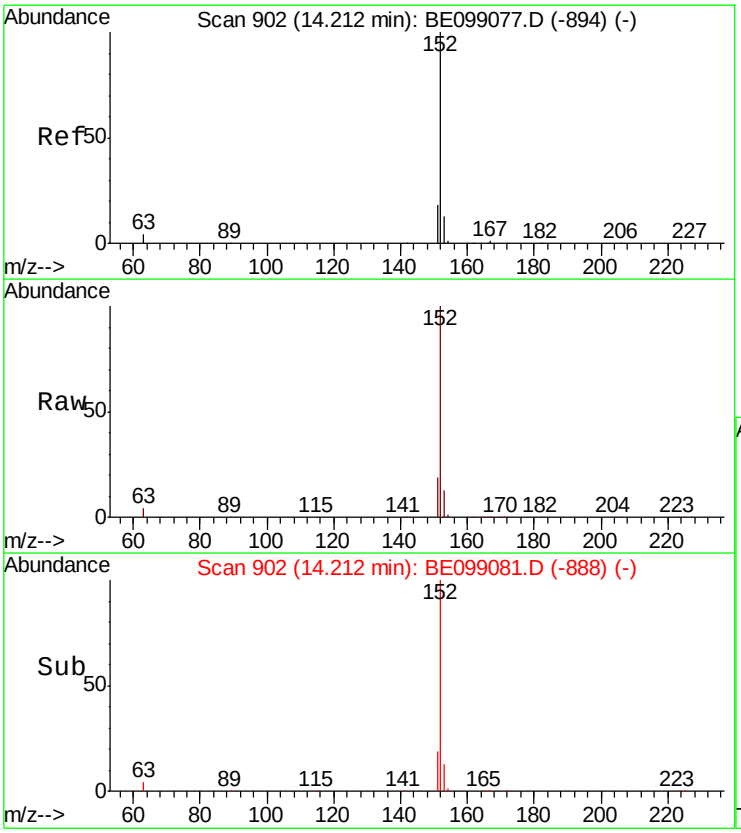
#15
2-Fluorobiphenyl
Concen: 4.515 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 185334

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.7	40.1
170	23.0	18.1	27.1

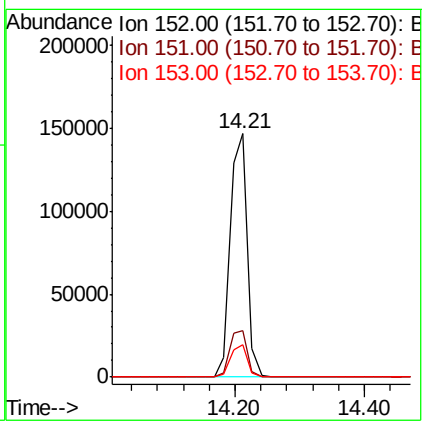


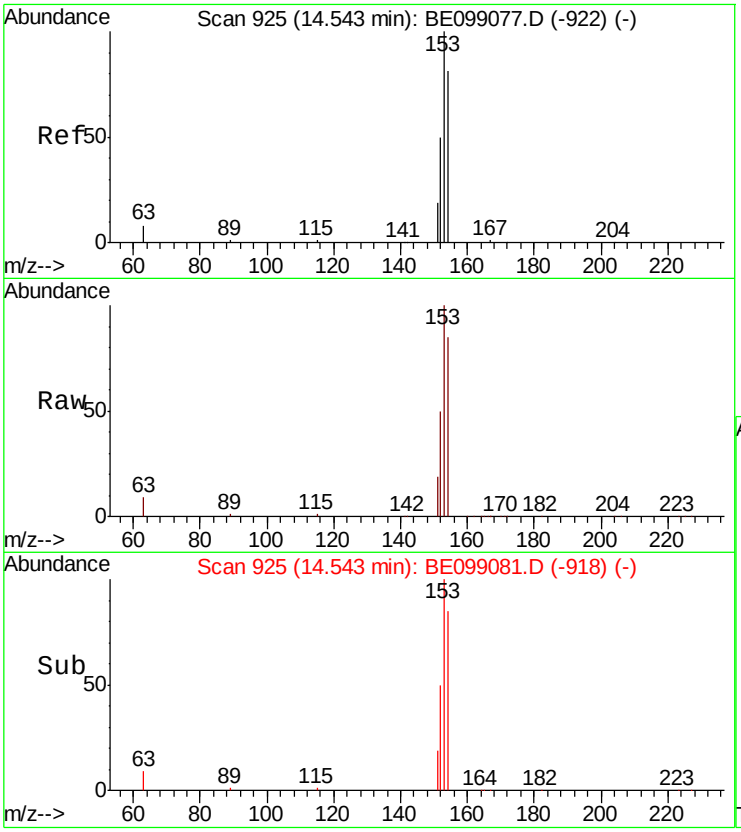


#16
Acenaphthylene
Concen: 5.227 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:152 Resp: 266521

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.9	10.2	15.4



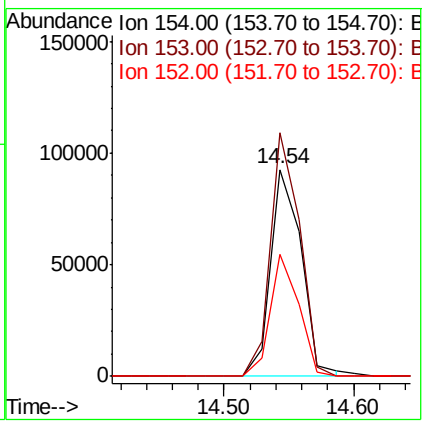


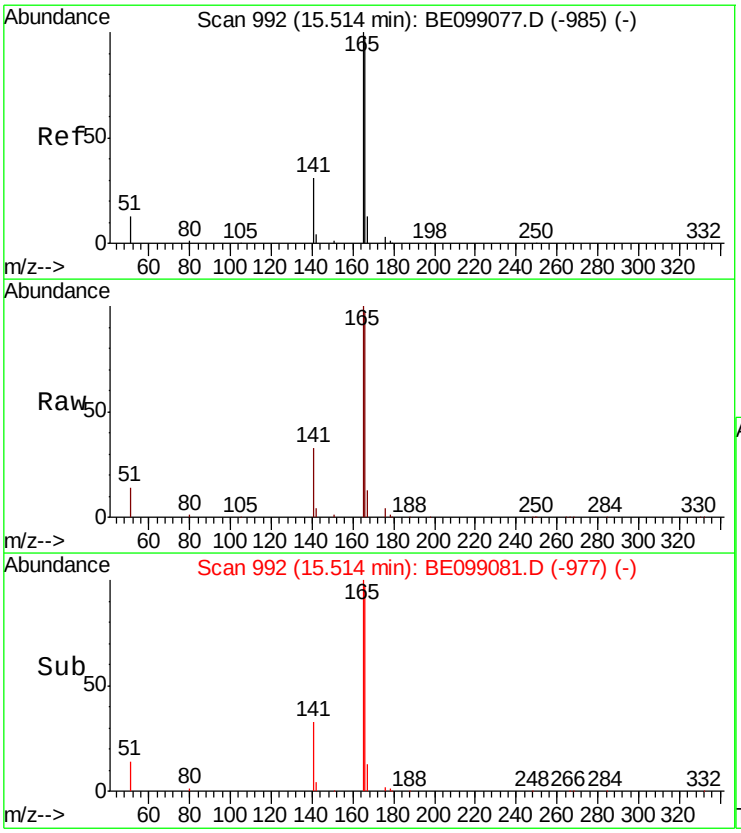
#17
Acenaphthene
Concen: 5.032 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 152223

Ion	Ratio	Lower	Upper
154	100		
153	113.3	94.9	142.3
152	55.1	45.8	68.8

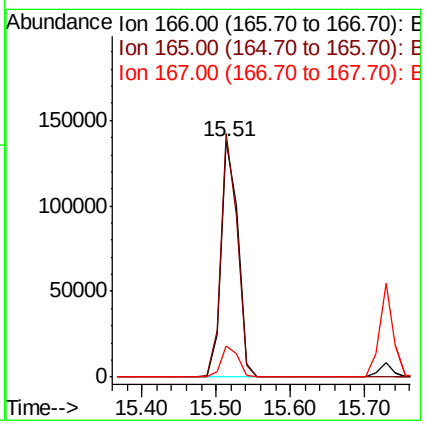


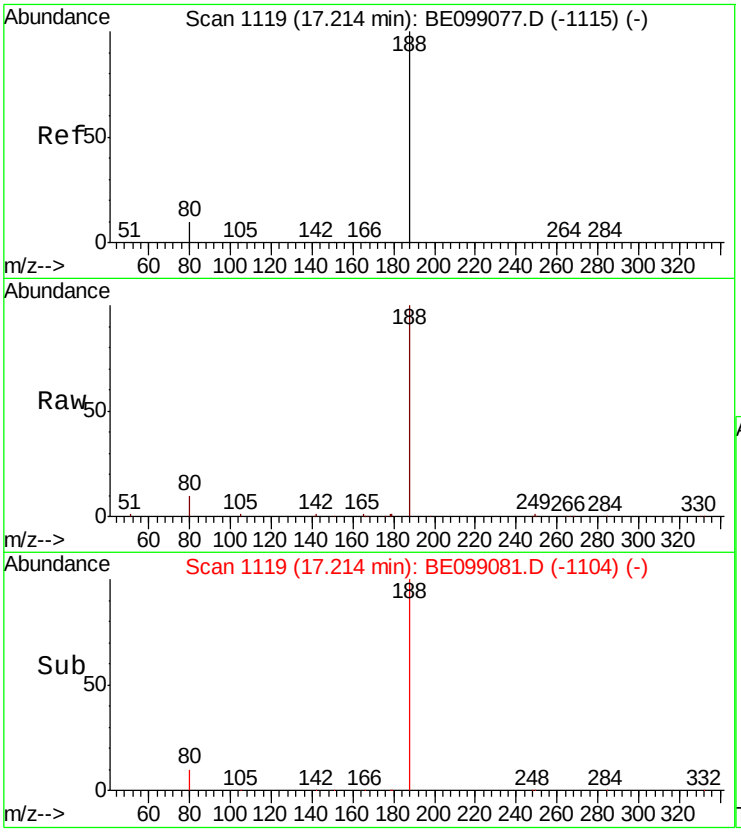


#18
Fluorene
Concen: 5.008 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:166 Resp: 218456

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.4	119.2
167	13.3	10.8	16.2



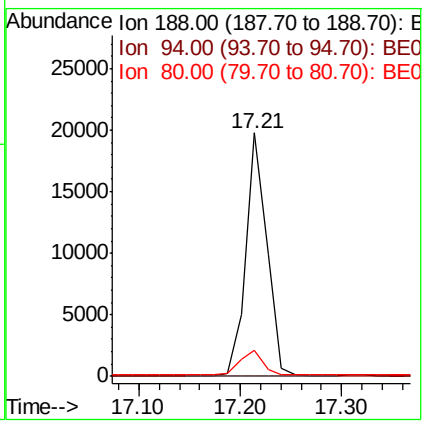


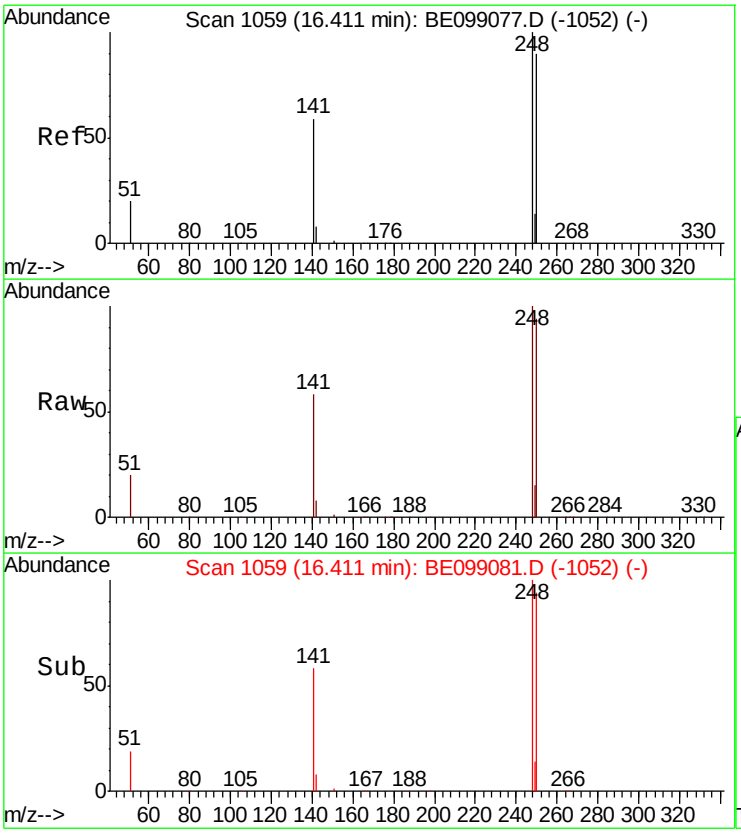
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 28477

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	8.1	12.1

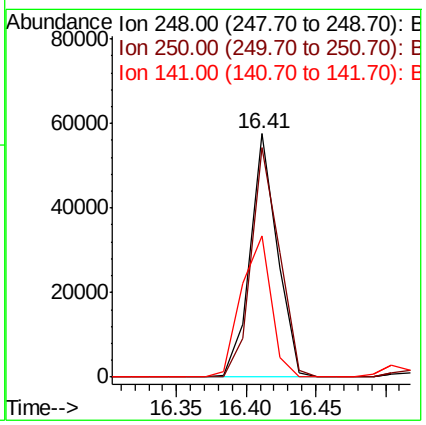


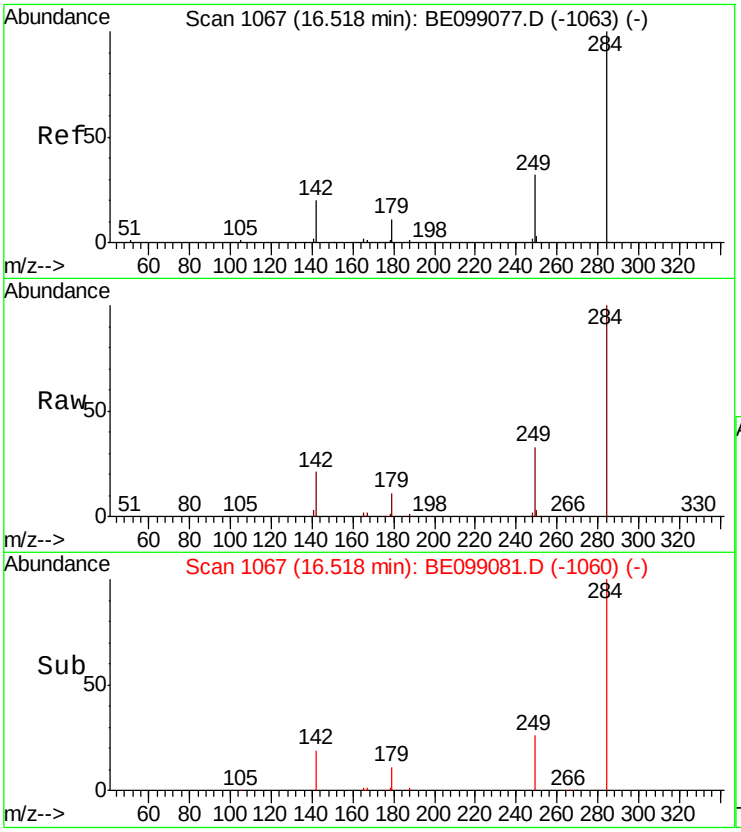


#20
4-Bromophenyl-phenylether
Concen: 5.059 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:248 Resp: 78087

Ion	Ratio	Lower	Upper
248	100		
250	94.4	72.0	108.0
141	57.9	47.8	71.8



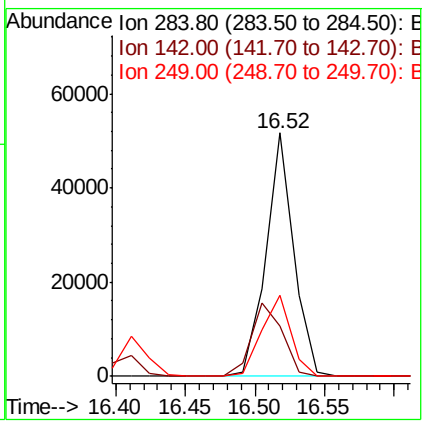


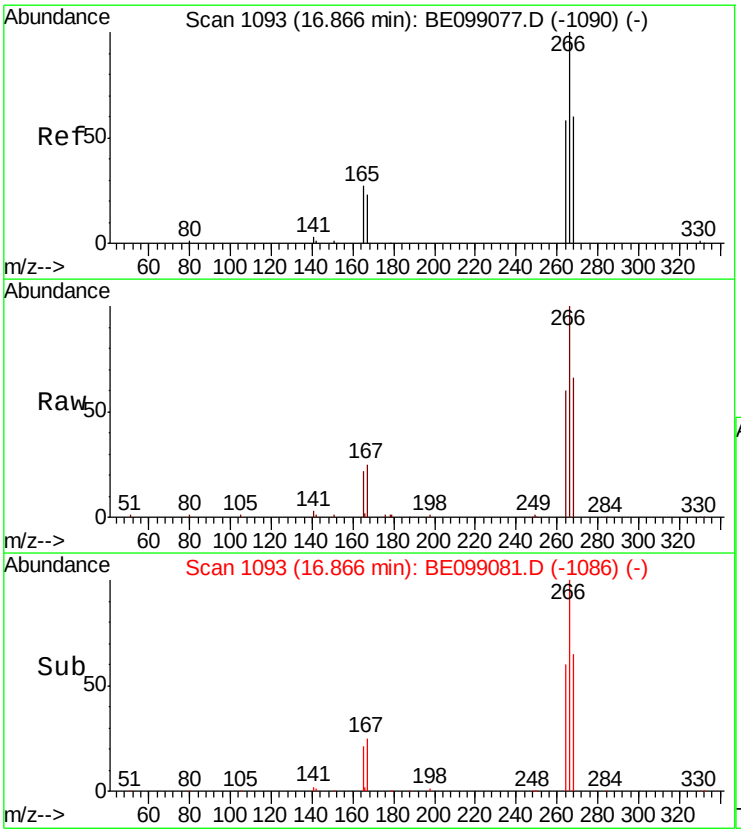
#21
Hexachlorobenzene
Concen: 3.891 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 71405

Ion	Ratio	Lower	Upper
284	100		
142	33.3	28.5	42.7
249	34.9	28.2	42.4

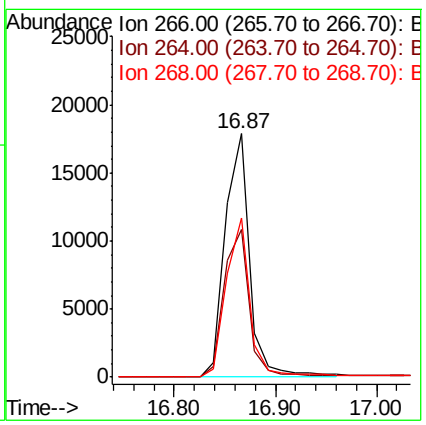


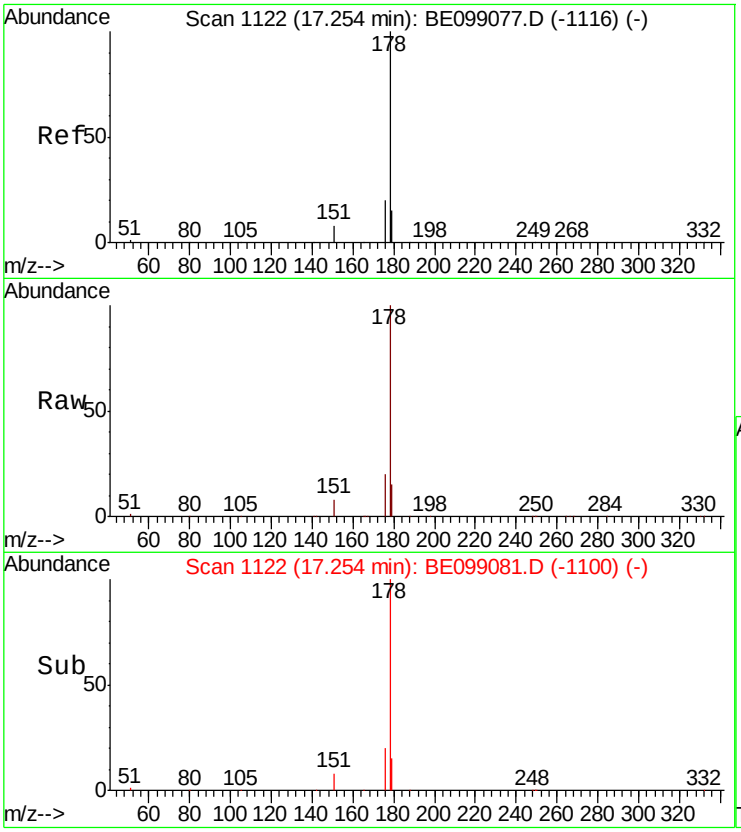


#22
Pentachlorophenol
Concen: 7.892 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:266 Resp: 29427

Ion	Ratio	Lower	Upper
266	100		
264	60.5	47.4	71.0
268	65.5	50.7	76.1



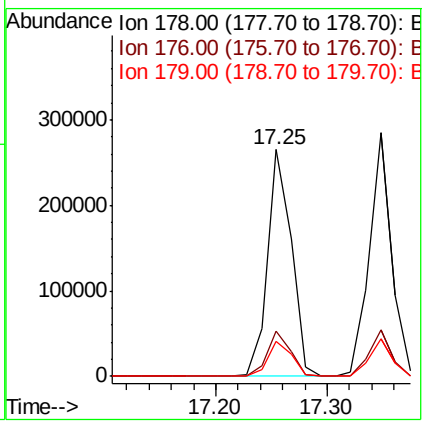


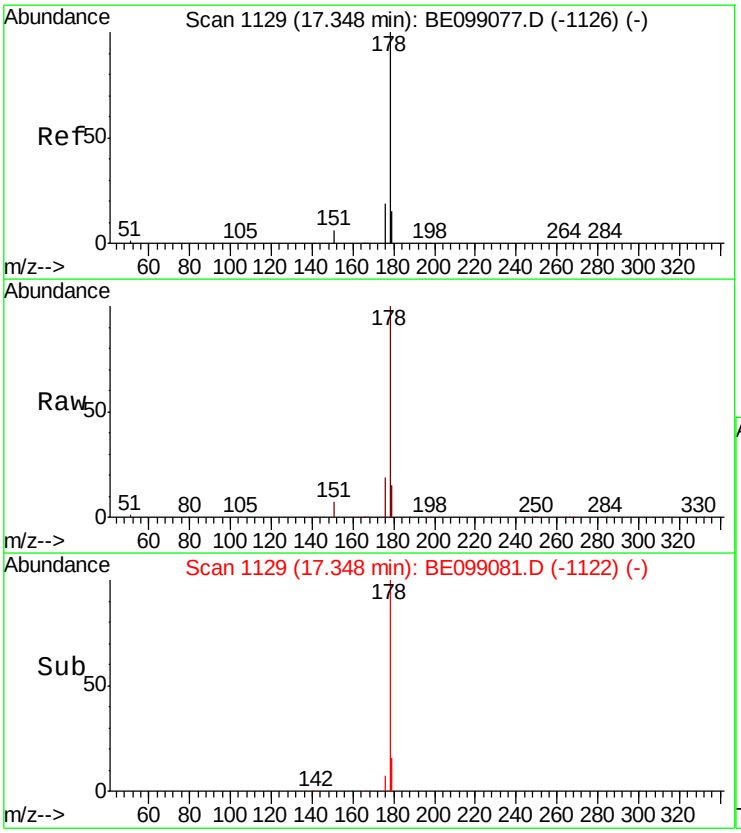
#23
Phenanthrene
Concen: 4.906 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 397113

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.5	12.1	18.1

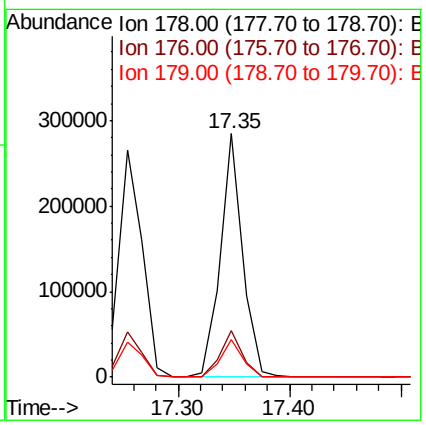


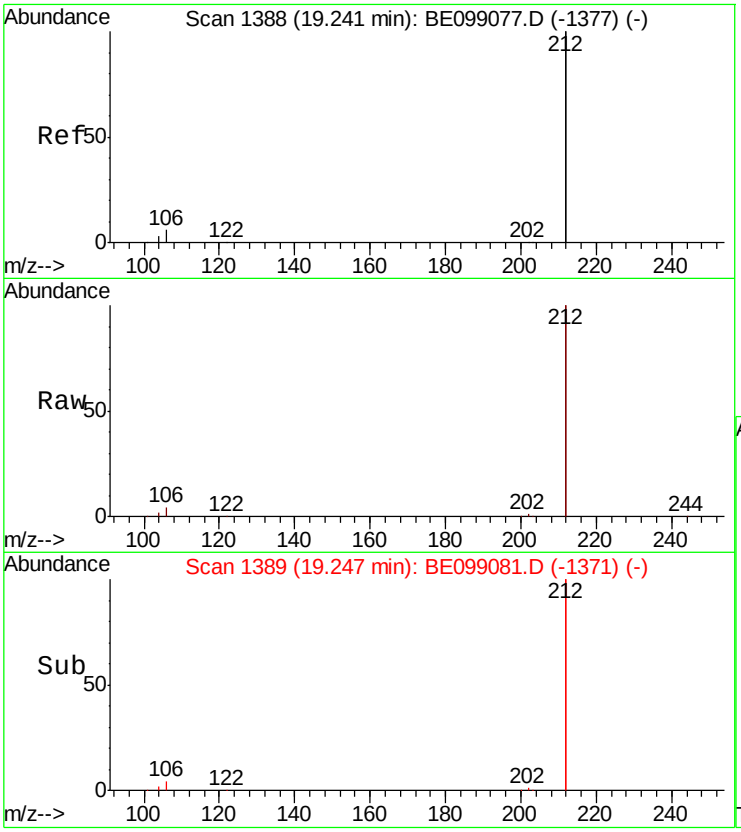


#24
Anthracene
Concen: 5.693 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:178 Resp: 393876

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.5	12.4	18.6



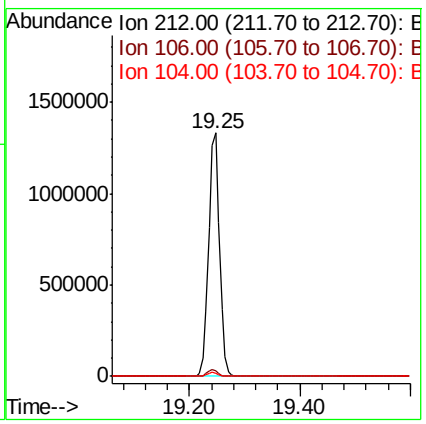


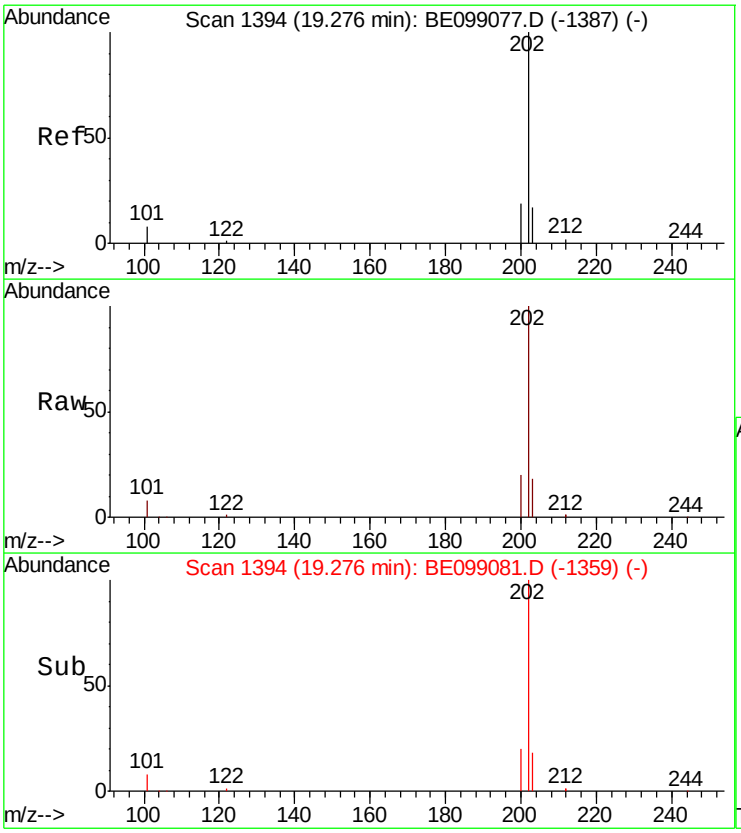
#25
Fluoranthene-d10
Concen: 3.987 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1812340

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.4
104	1.5	1.3	1.9

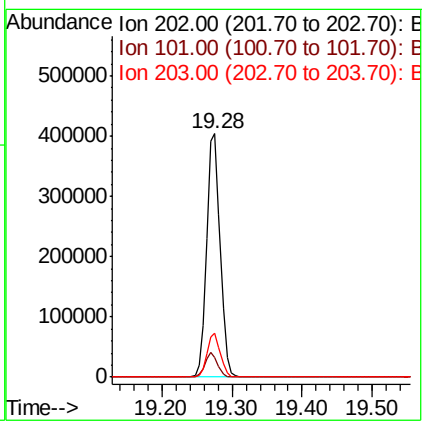


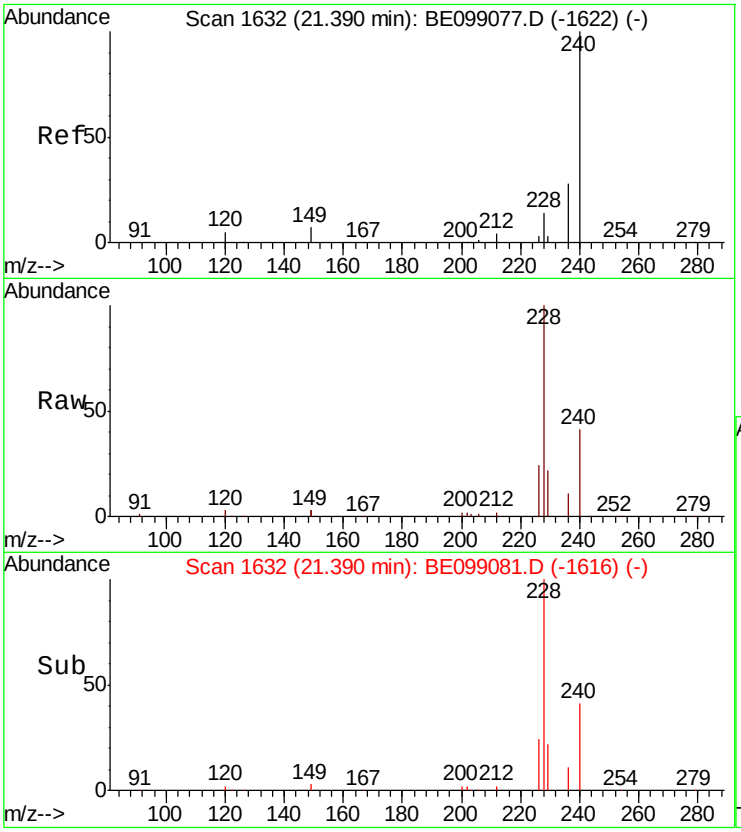


#26
Fluoranthene
Concen: 4.733 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:202 Resp: 540717

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.5	11.3
203	17.5	13.7	20.5



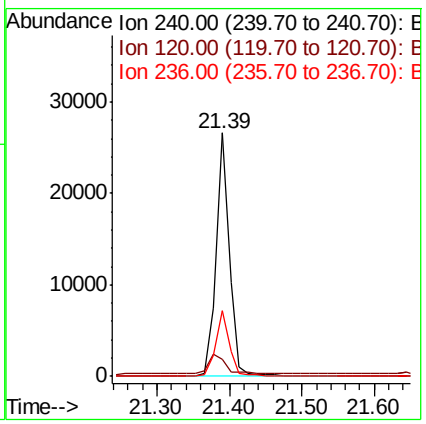


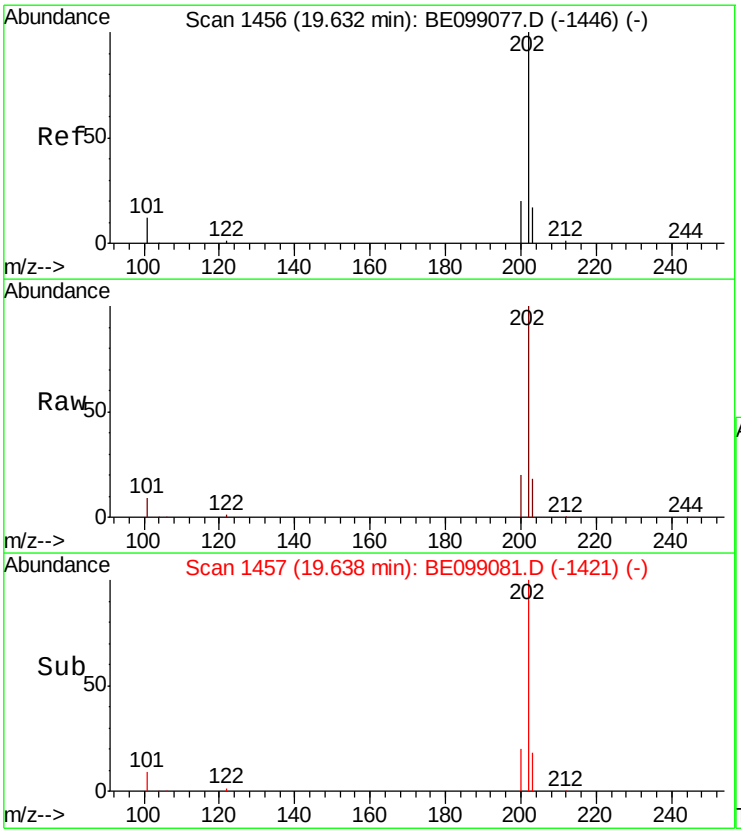
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 33458

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.0	7.6
236	27.1	22.2	33.4

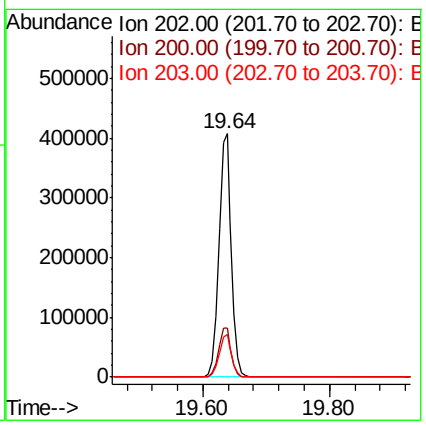


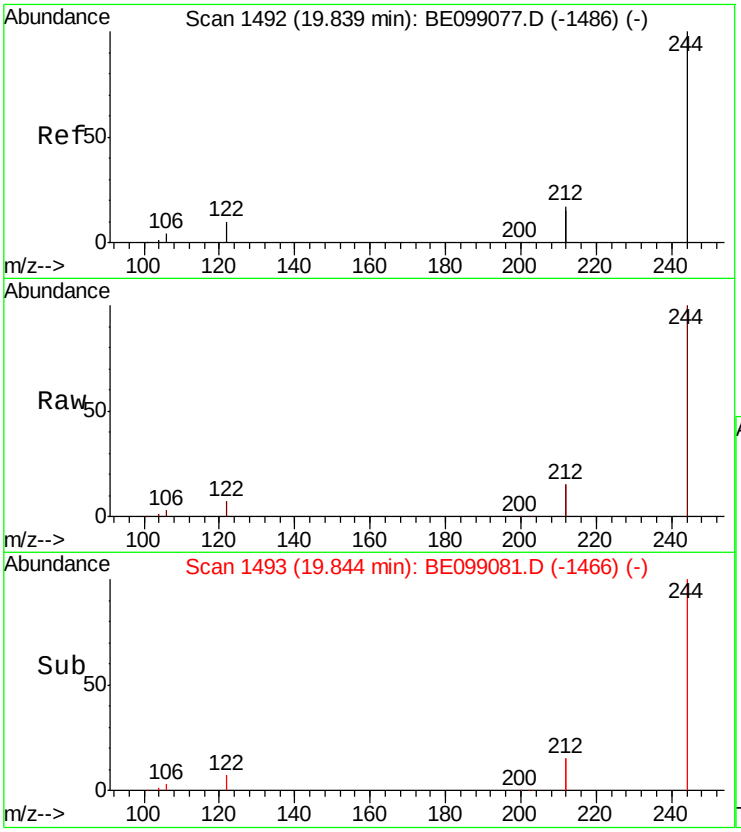


#28
Pyrene
Concen: 5.392 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:202 Resp: 551921

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.1	24.1
203	17.6	14.0	21.0



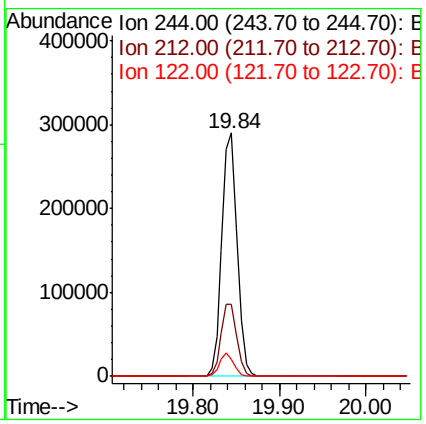


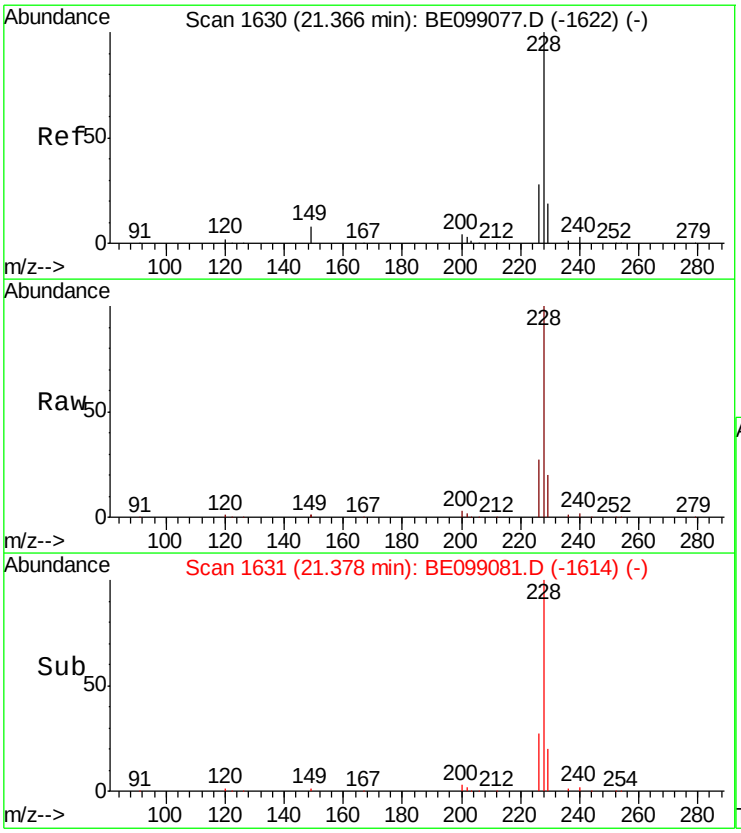
#29
Terphenyl-d14
Concen: 4.386 ng
RT: 19.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 356657

Ion	Ratio	Lower	Upper
244	100		
212	29.8	26.9	40.3
122	7.2	7.8	11.8#

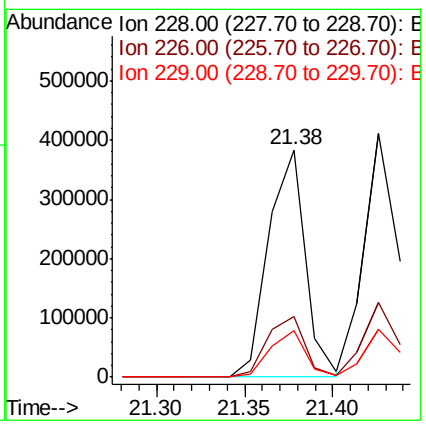


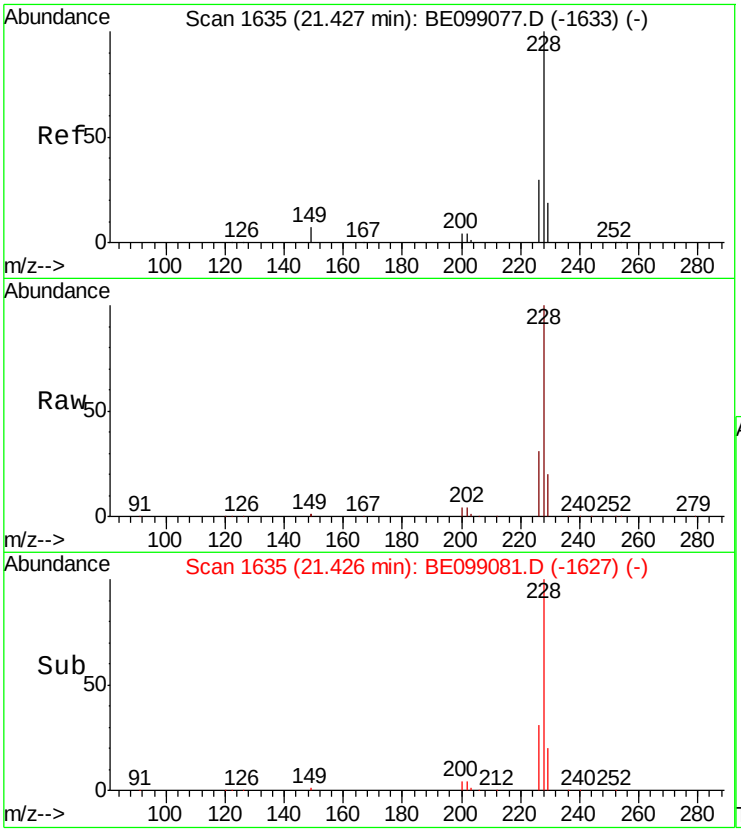


#30
Benzo(a)anthracene
Concen: 5.335 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:228 Resp: 557092

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.4	33.6
229	20.3	15.6	23.4



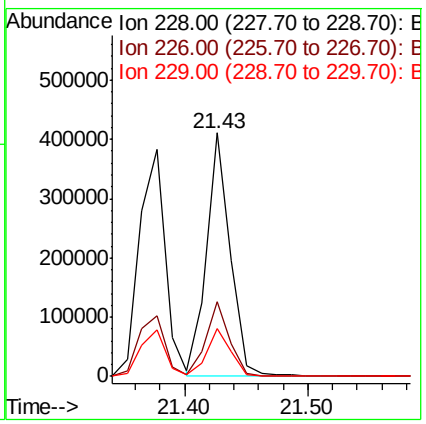


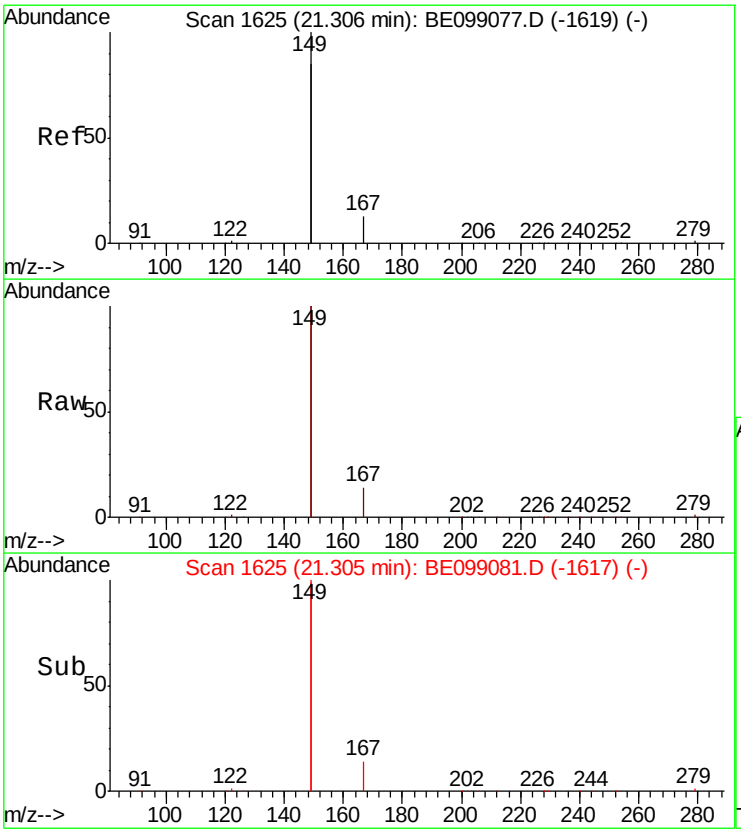
#31
Chrysene
Concen: 4.881 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 545303

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	19.8	15.5	23.3

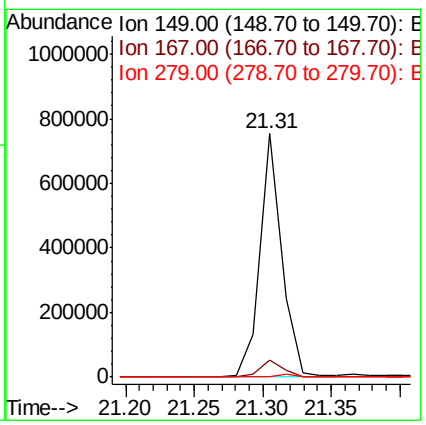


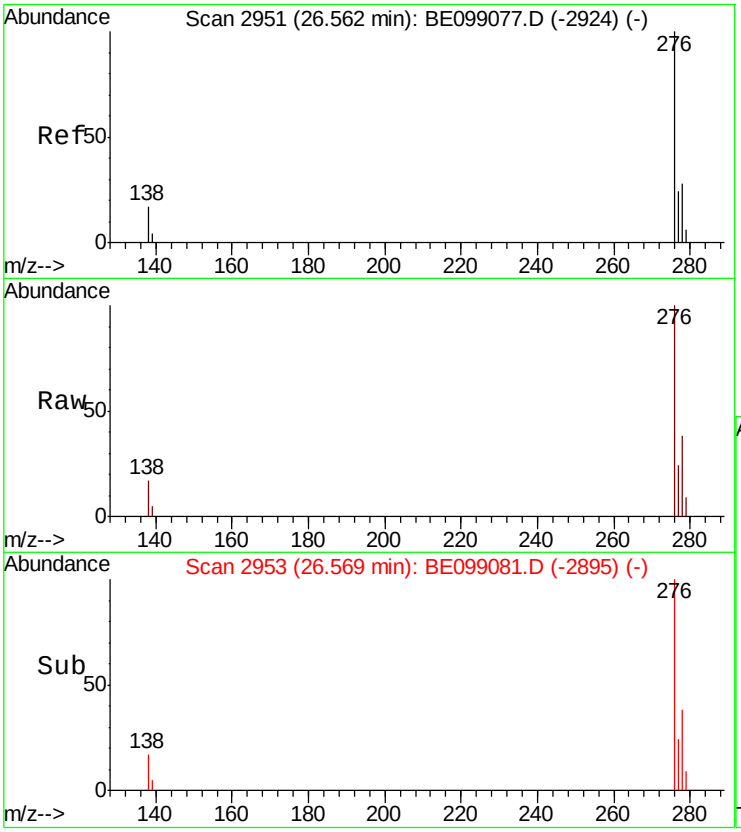


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.727 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:149 Resp: 828133

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.7	8.5
279	1.0	0.8	1.2



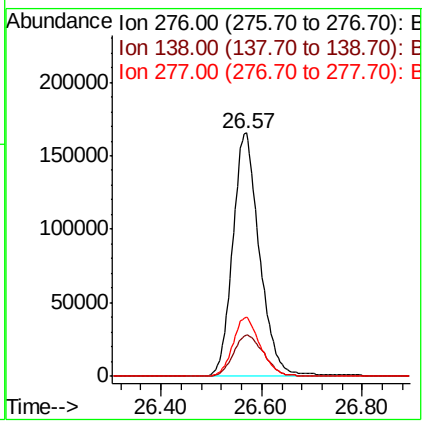


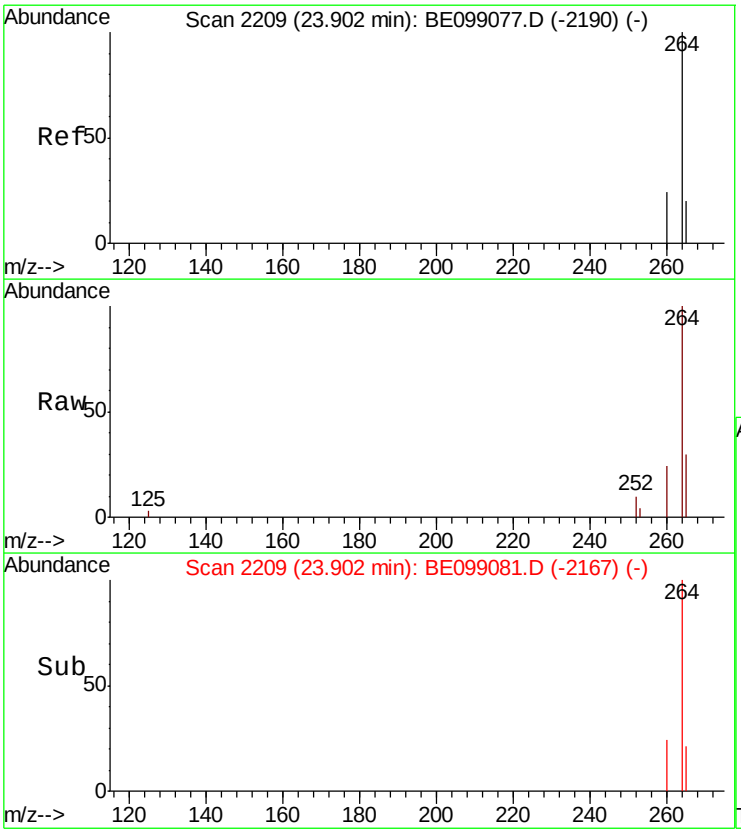
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.198 ng
RT: 26.57 min Scan# 2953
Delta R.T. 0.01 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 613065

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.8	23.8
277	24.8	19.4	29.2

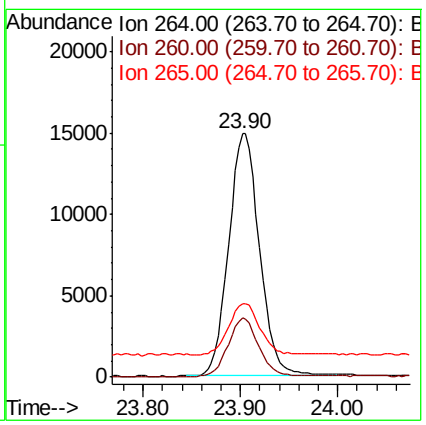


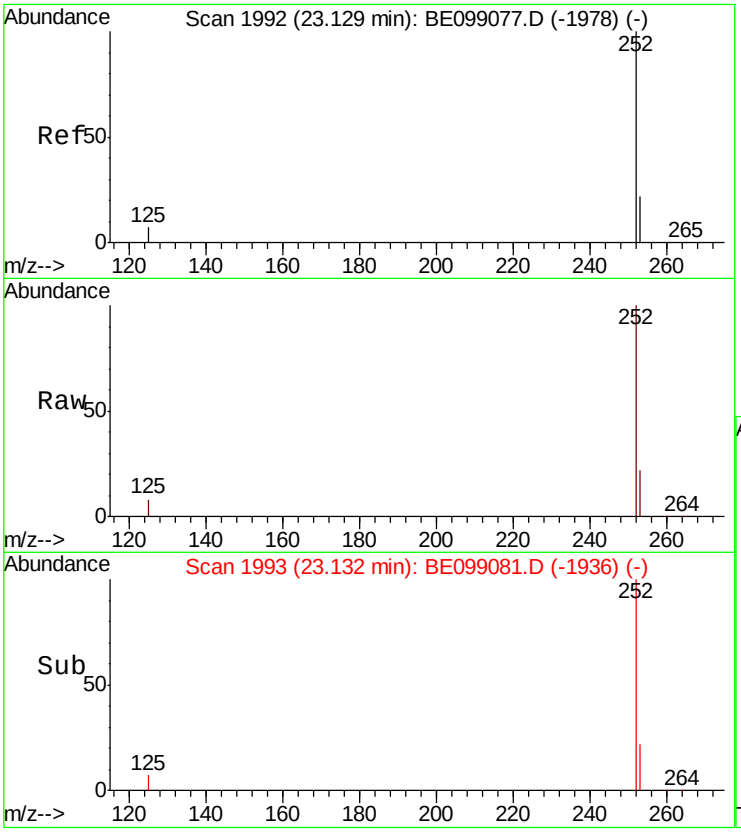


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:264 Resp: 33007

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	30.2	24.1	36.1



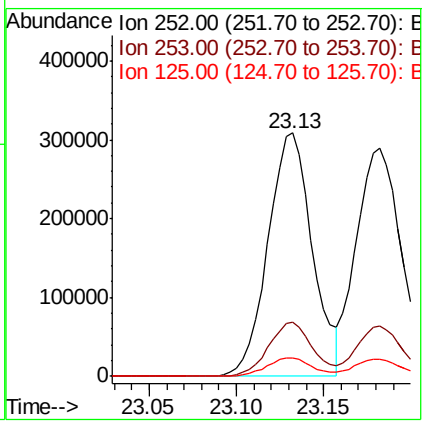


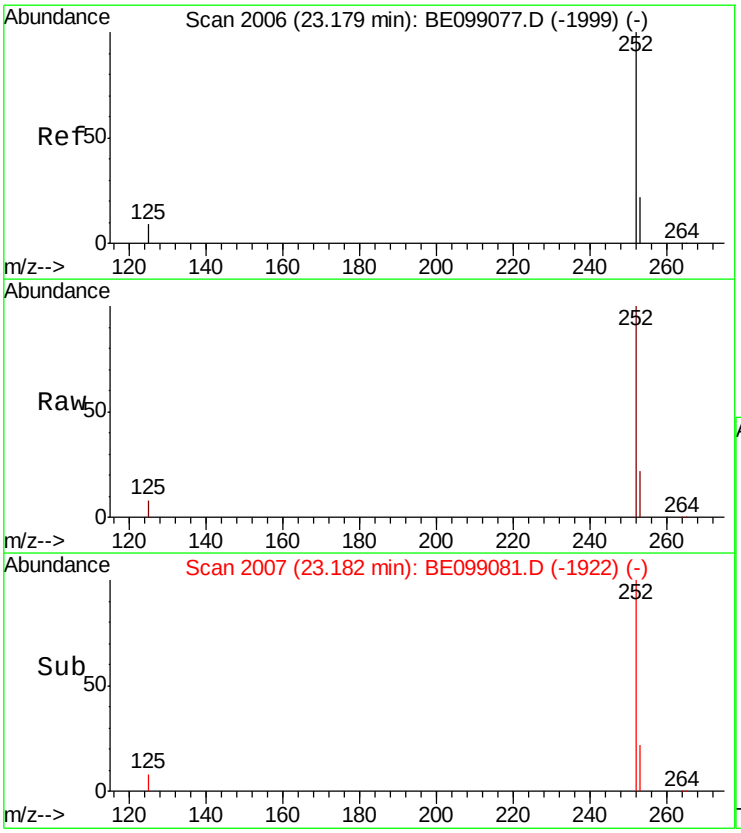
#35
Benzo(b)fluoranthene
Concen: 5.019 ng
RT: 23.13 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 544695

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	7.5	7.0	10.4

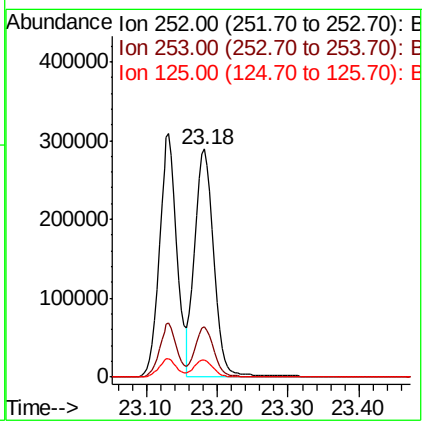


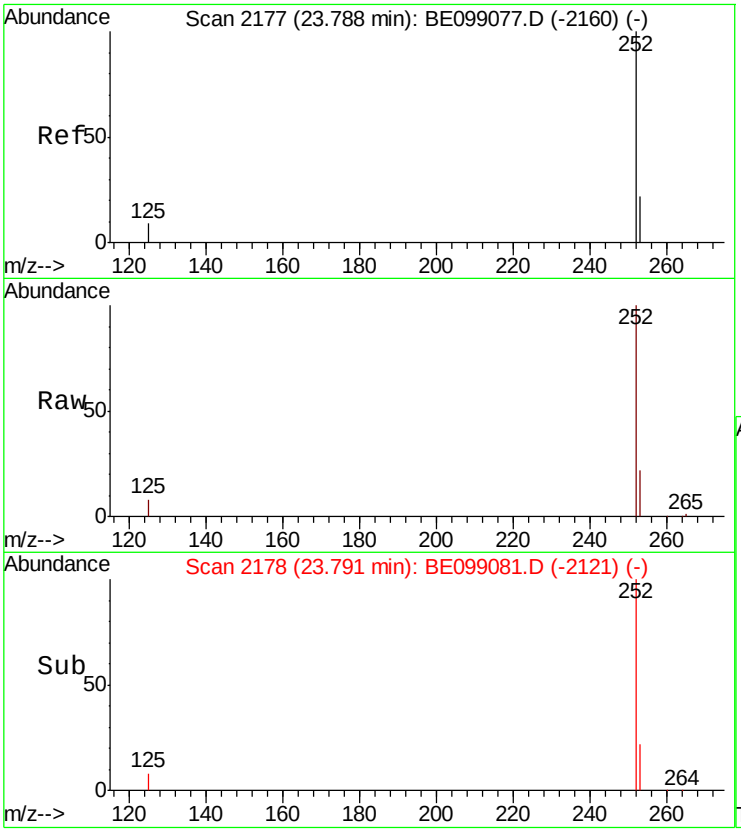


#36
Benzo(k)fluoranthene
Concen: 4.695 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:252 Resp: 533457

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	28.0
125	7.7	7.8	11.6#



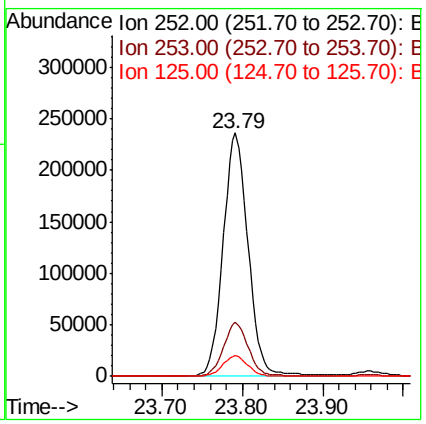


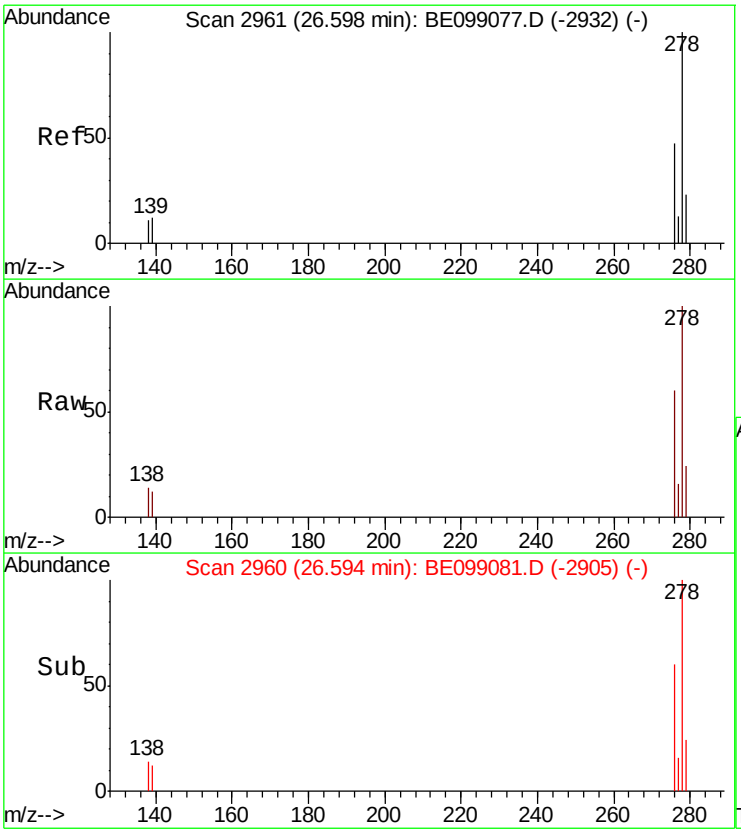
#37
Benzo(a)pyrene
Concen: 4.850 ng
RT: 23.79 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 504702

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.3	28.9
125	8.3	8.3	12.5

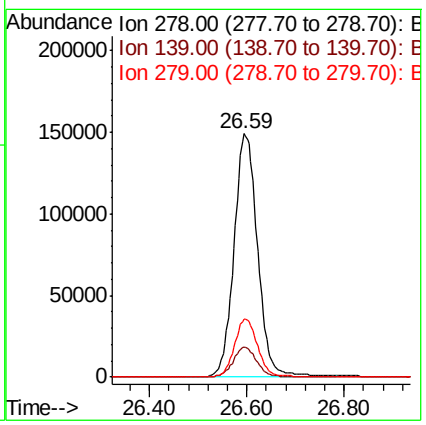


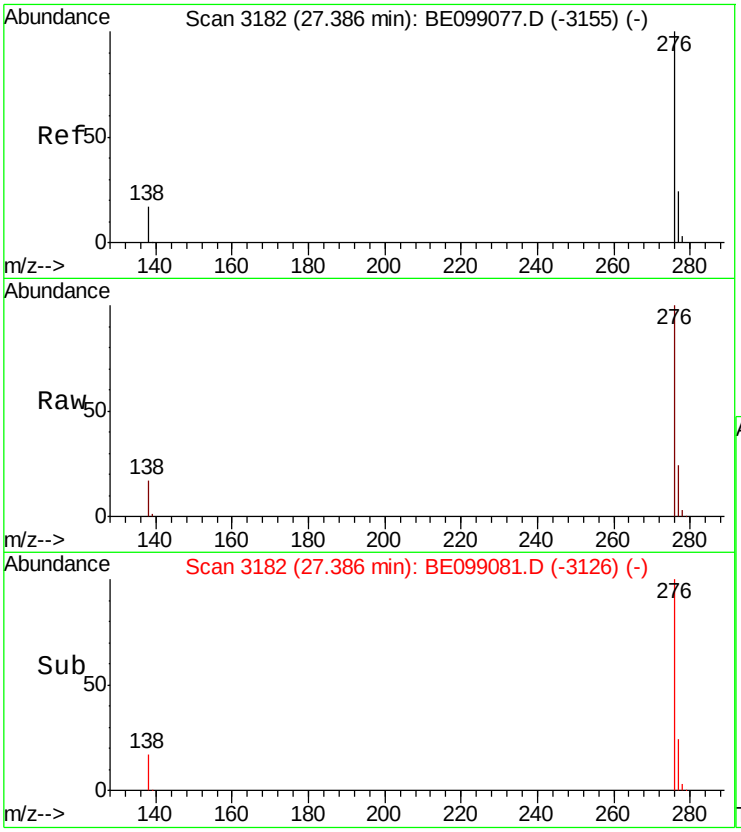


#38
Dibenzo(a,h)anthracene
Concen: 5.132 ng
RT: 26.59 min Scan# 2960
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Tgt Ion:278 Resp: 505232

Ion	Ratio	Lower	Upper
278	100		
139	12.3	10.6	16.0
279	23.8	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 4.880 ng
RT: 27.39 min Scan# 3182
Delta R.T. -0.00 min
Lab File: BE099081.D
Acq: 22 Mar 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 502490

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	16.6	14.6	21.8