Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041519\
Data File : BE099322.D
Acq On : 15 Apr 2019 9:33
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 15 13:12:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4667	0.40	ng		-0.02
7) Naphthalene-d8	10.61	136	18214	0.40	ng		-0.01
13) Acenaphthene-d10	14.46	164	13080	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	39024	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	49526	0.40	ng		-0.02
34) Perylene-d12	23.87	264	50993	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	5010	0.40	ng		-0.02
5) Phenol-d6	6.98	99	7350	0.43	ng		-0.01
8) Nitrobenzene-d5	8.96	82	5727	0.46	ng		-0.03
11) 2-Methylnaphthalene-d10	12.21	152	13422	0.42	ng		-0.01
14) 2,4,6-Tribromophenol	15.94	330	2109	0.35	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	21490	0.42	ng		-0.01
25) Fluoranthene-d10	19.22	212	205112	0.40	ng		-0.02
29) Terphenyl-d14	19.82	244	41358	0.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	2640	0.415	ng		99
3) n-Nitrosodimethylamine	3.65	42	1573	0.419	ng	#	88
6) bis(2-Chloroethyl)ether	7.24	93	6573	0.430	ng		99
9) Naphthalene	10.65	128	84159	0.425	ng		100
10) Hexachlorobutadiene	10.94	225	5306	0.412	ng		99
12) 2-Methylnaphthalene	12.28	142	14481	0.430	ng		97
16) Acenaphthylene	14.18	152	24187	0.390	ng		99
17) Acenaphthene	14.53	154	15299	0.418	ng		99
18) Fluorene	15.49	166	22005	0.417	ng		99
20) 4-Bromophenyl-phenylether	16.39	248	8910	0.402	ng	#	83
21) Hexachlorobenzene	16.49	284	8417	0.399	ng		98
22) Pentachlorophenol	16.84	266	3948	0.451	ng	#	86
23) Phenanthrene	17.23	178	43299	0.429	ng		100
24) Anthracene	17.32	178	39258	0.412	ng		99
26) Fluoranthene	19.25	202	60400	0.405	ng		99
28) Pyrene	19.61	202	62199	0.476	ng		100
30) Benzo(a)anthracene	21.34	228	64455	0.413	ng		98
31) Chrysene	21.40	228	66547	0.435	ng		97
32) Bis(2-ethylhexyl)phthalate	21.27	149	66442	0.334	ng		100
33) Indeno(1,2,3-cd)pyrene	26.51	276	70402	0.403	ng		96
35) Benzo(b)fluoranthene	23.14	252	64655	0.425	ng		99
36) Benzo(k)fluoranthene	23.14	252	64655	0.437	ng		99
37) Benzo(a)pyrene	23.75	252	59142	0.414	ng	#	97
38) Dibenzo(a,h)anthracene	26.53	278	59215	0.416	ng	#	96
39) Benzo(g,h,i)perylene	27.32	276	57875	0.408	ng		99

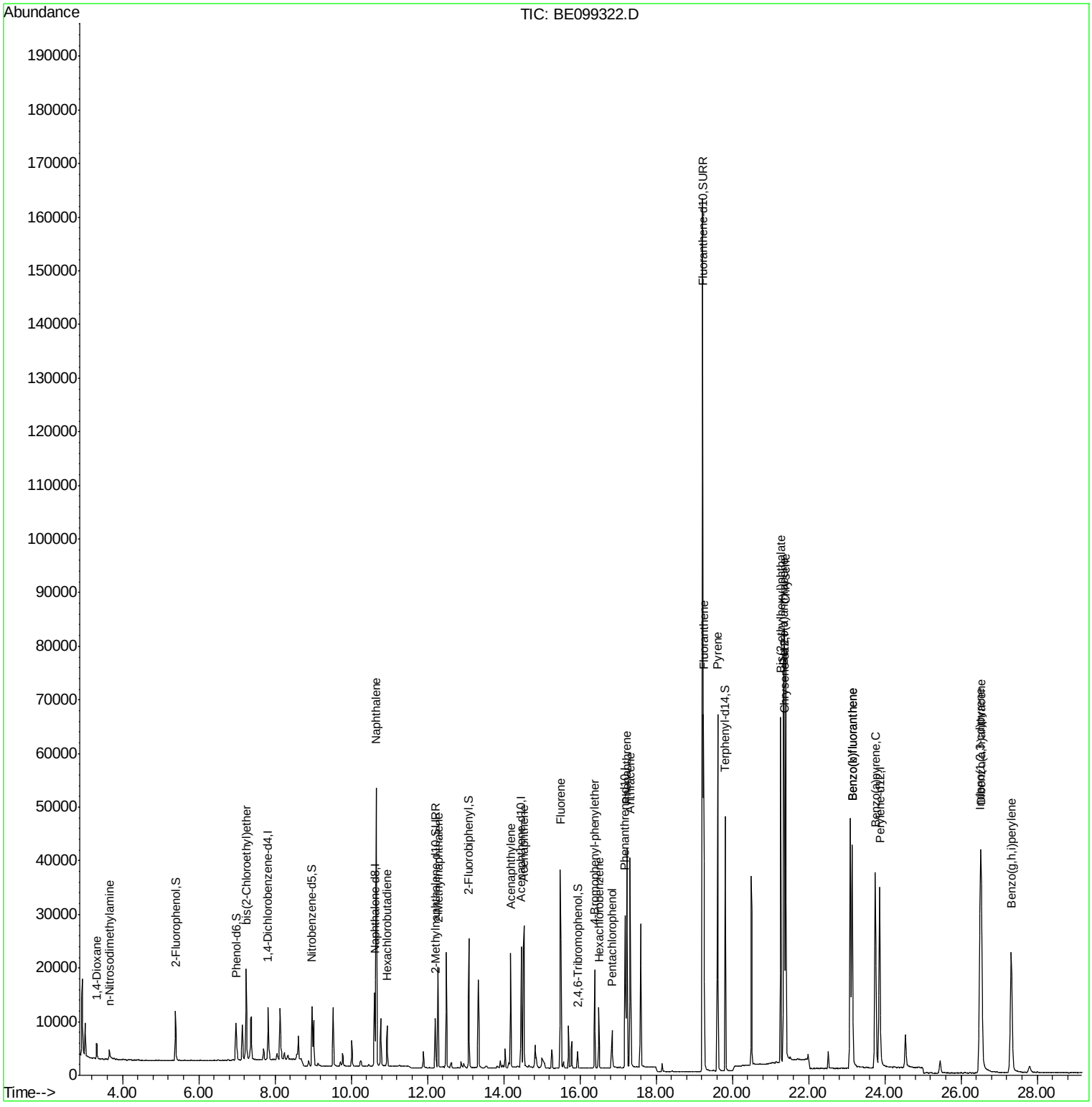
(#) = qualifier out of range (m) = manual integration (+) = signals summed

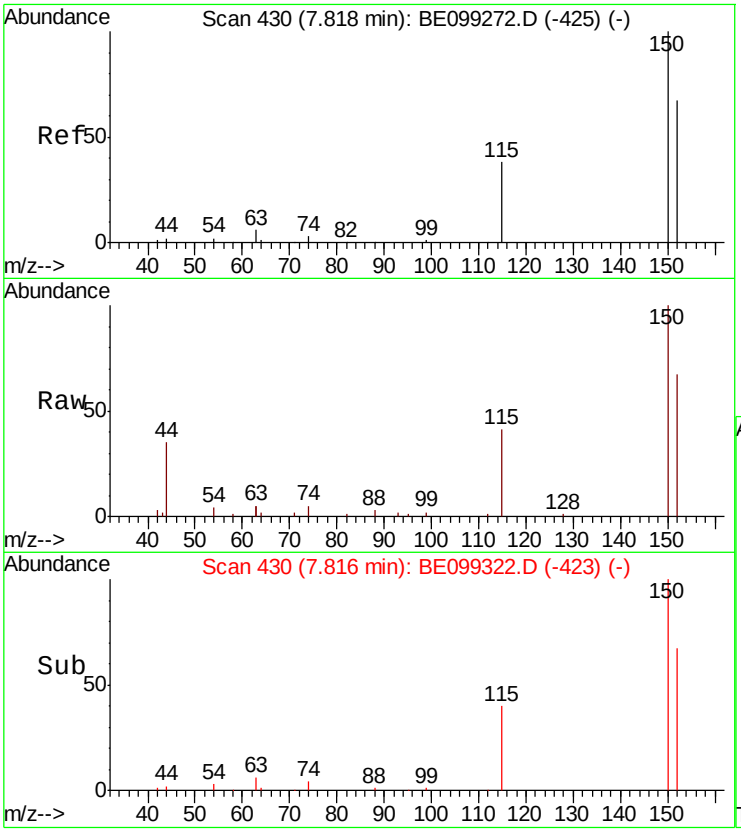
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041519\
Data File : BE099322.D
Acq On : 15 Apr 2019 9:33
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 15 13:12:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration



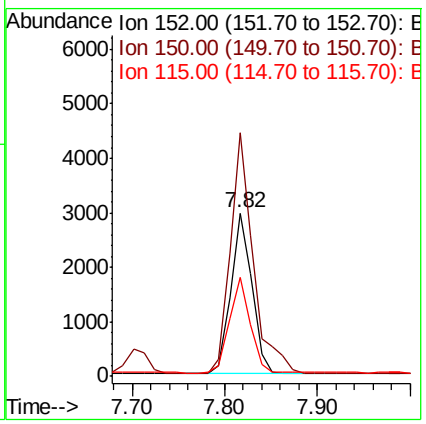


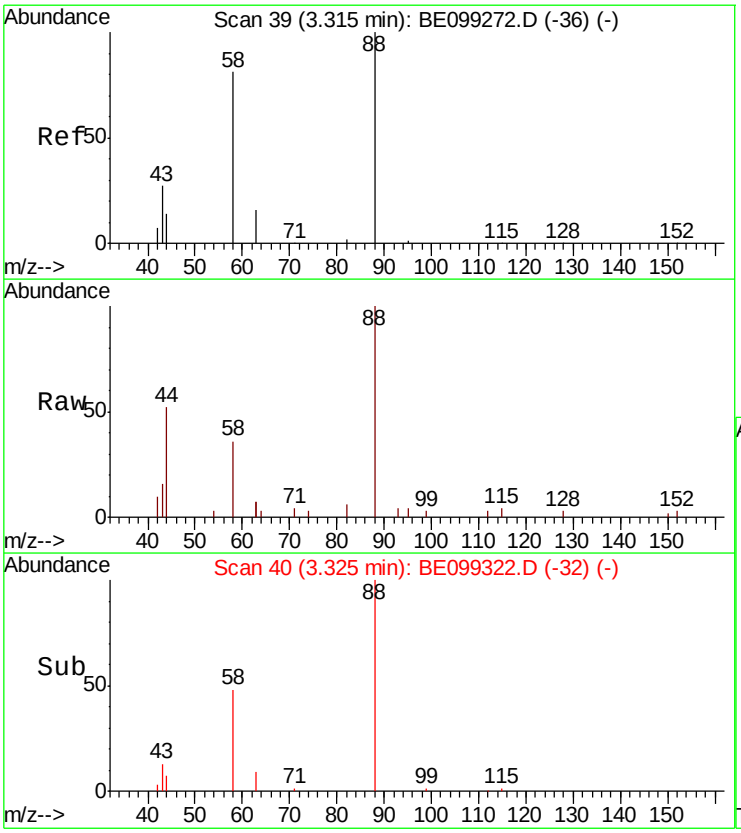
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4667

Ion	Ratio	Lower	Upper
152	100		
150	149.1	112.8	169.2
115	60.7	45.1	67.7

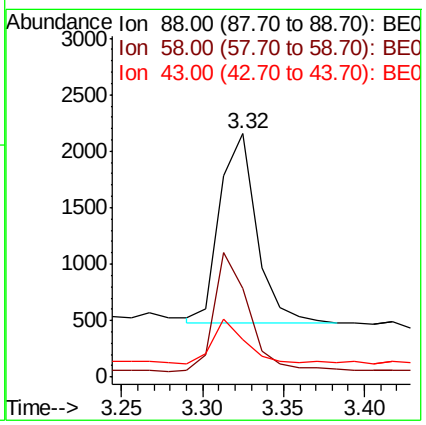


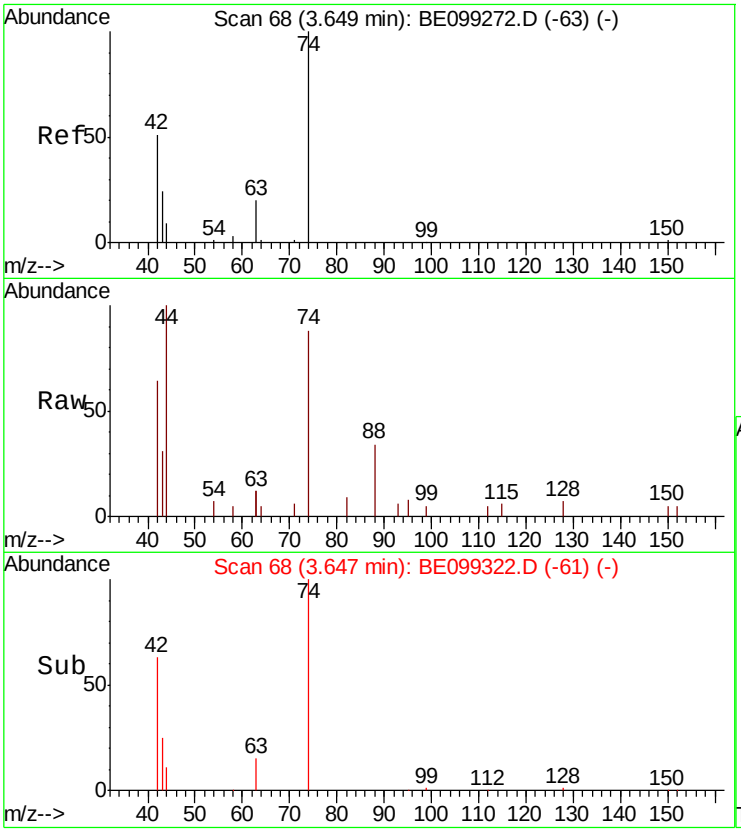


#2
1,4-Dioxane
Concen: 0.415 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion: 88 Resp: 2640

Ion	Ratio	Lower	Upper
88	100		
58	59.2	47.4	71.0
43	21.6	15.6	23.4



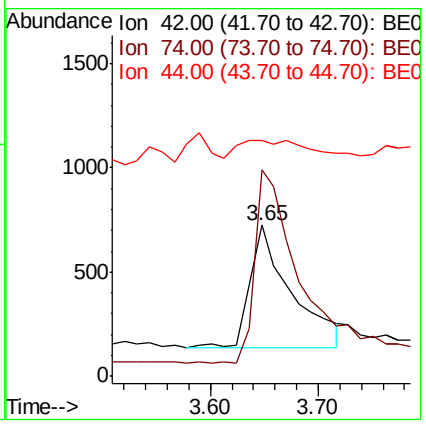


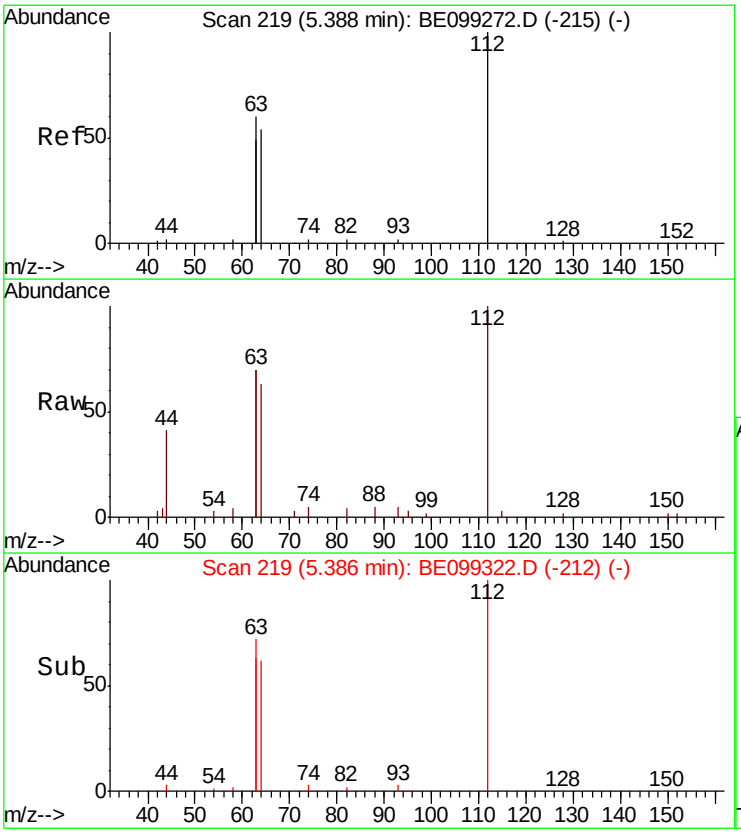
#3
n-Nitrosodimethylamine
Concen: 0.419 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1573

Ion	Ratio	Lower	Upper
42	100		
74	161.2	138.6	207.8
44	0.0	15.0	22.6#

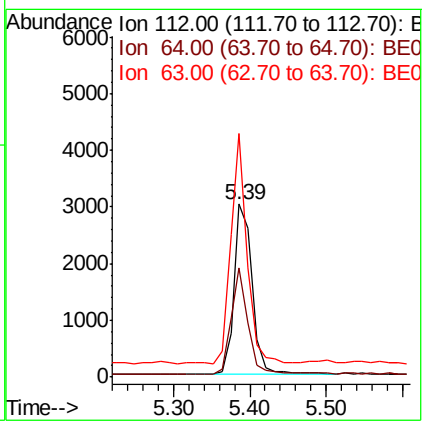


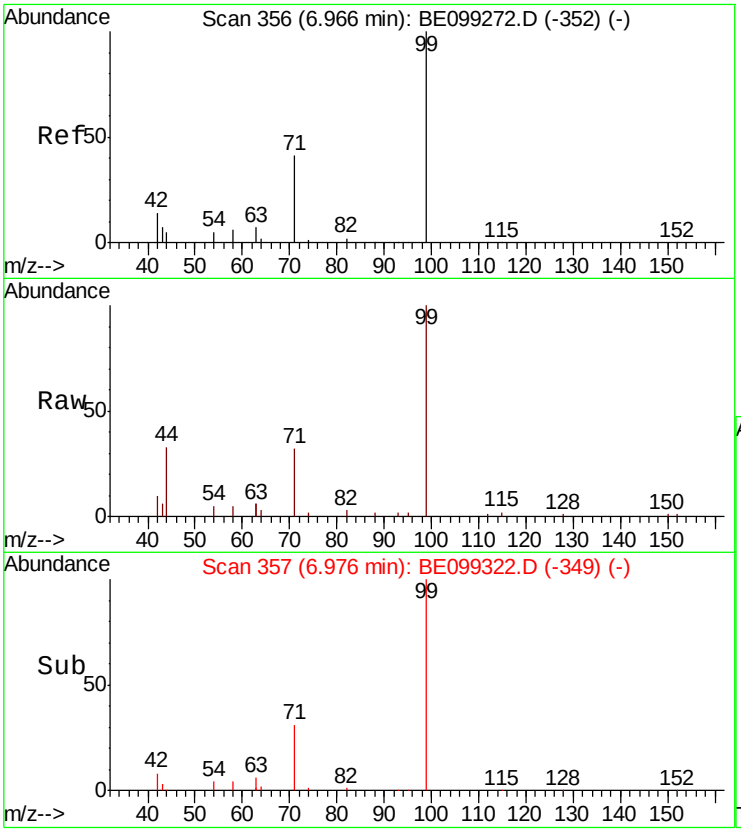


#4
2-Fluorophenol
Concen: 0.404 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:112 Resp: 5010

Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.2	69.2
63	119.8	89.9	134.9



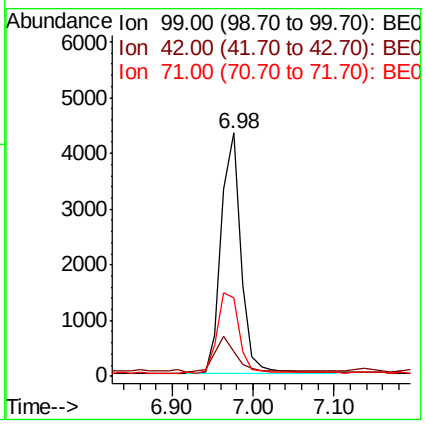


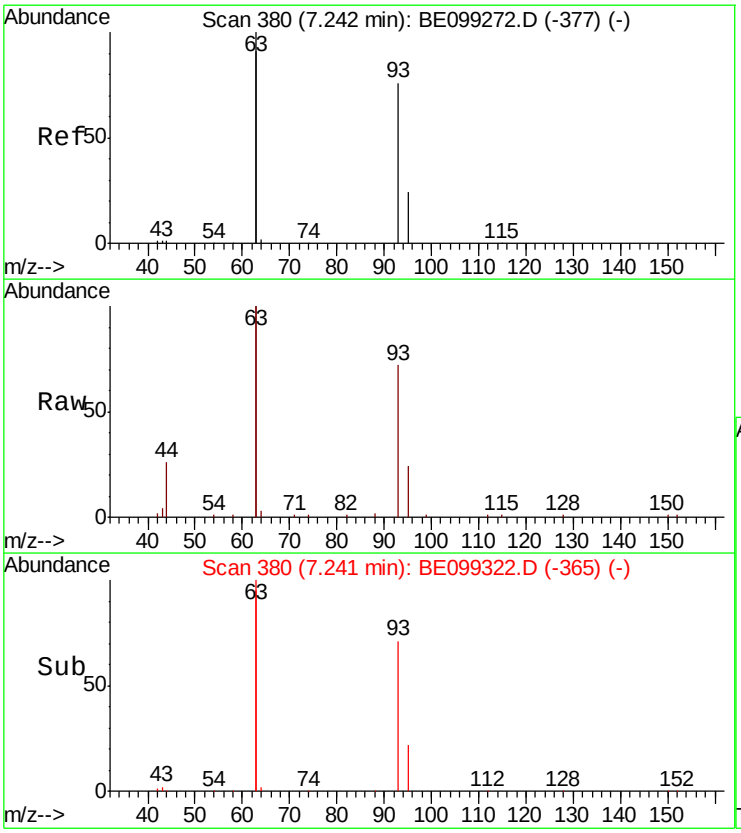
#5
Phenol-d6
Concen: 0.431 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7350

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.4	18.6
71	36.5	28.4	42.6

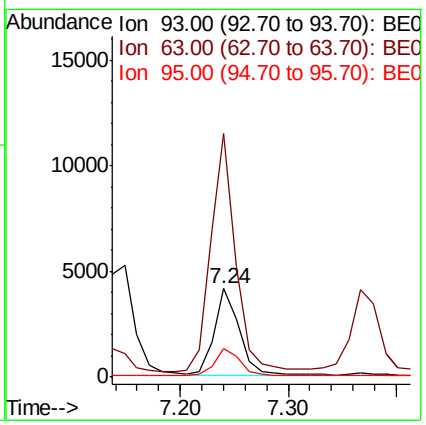


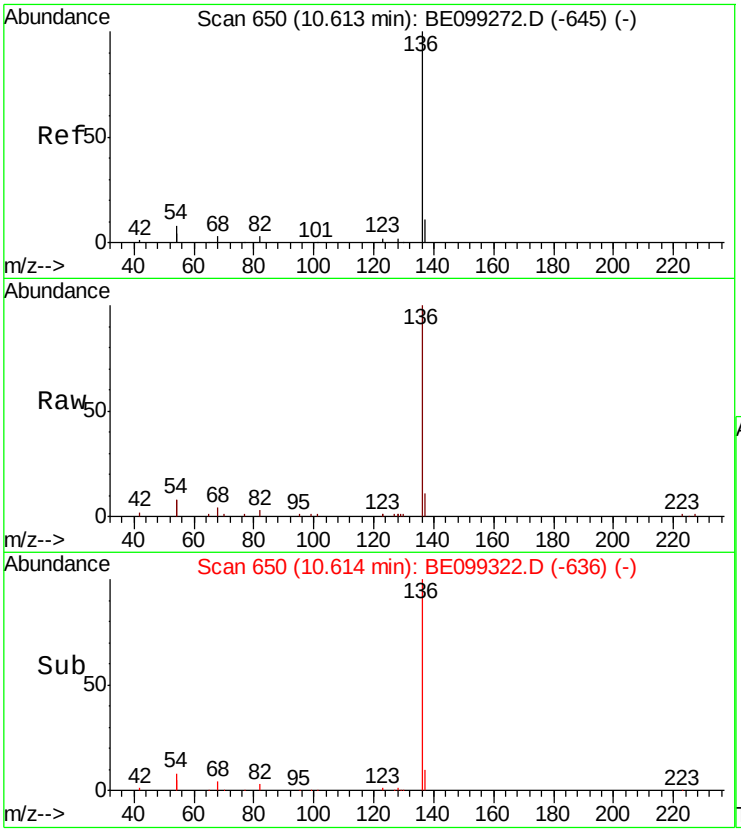


#6
bis(2-Chloroethyl)ether
Concen: 0.430 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion: 93 Resp: 6573

Ion	Ratio	Lower	Upper
93	100		
63	274.1	221.4	332.0
95	32.4	25.8	38.8



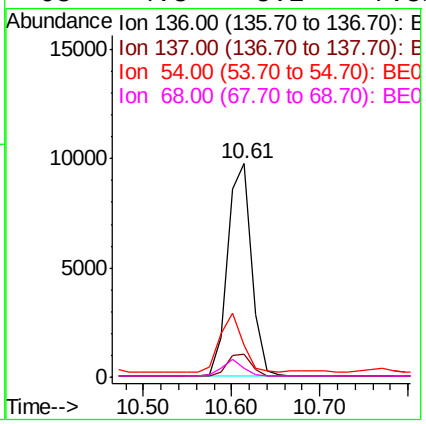


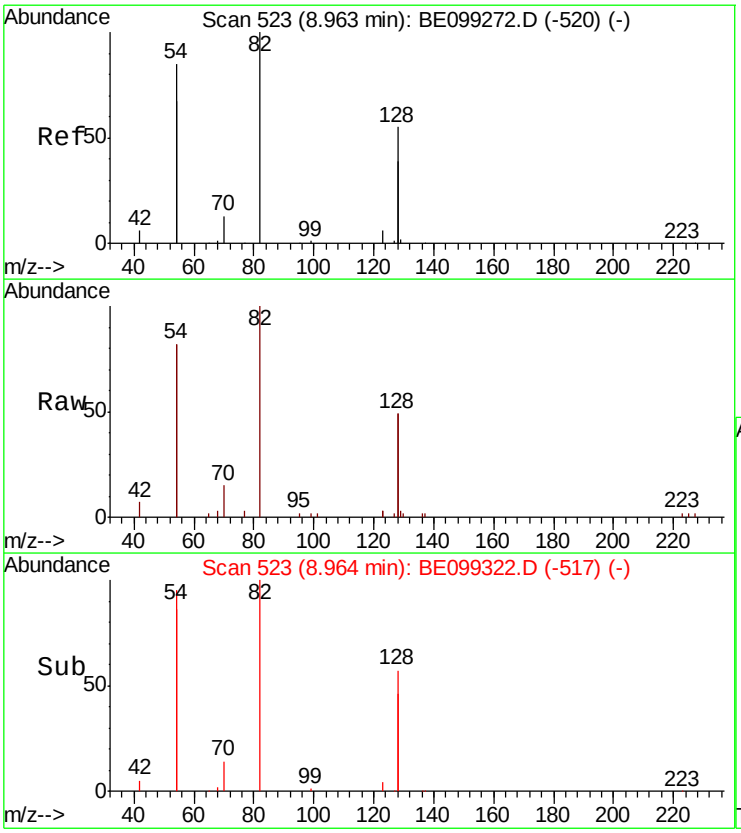
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 18214

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	15.3	18.7	28.1#
68	4.3	5.2	7.8#

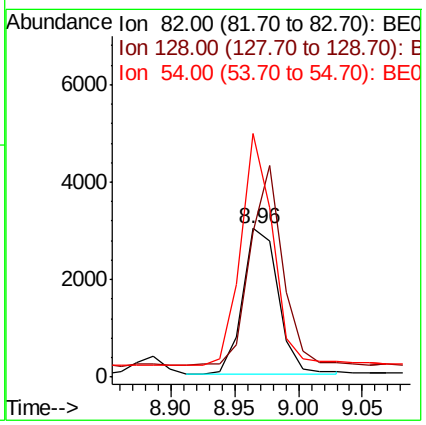


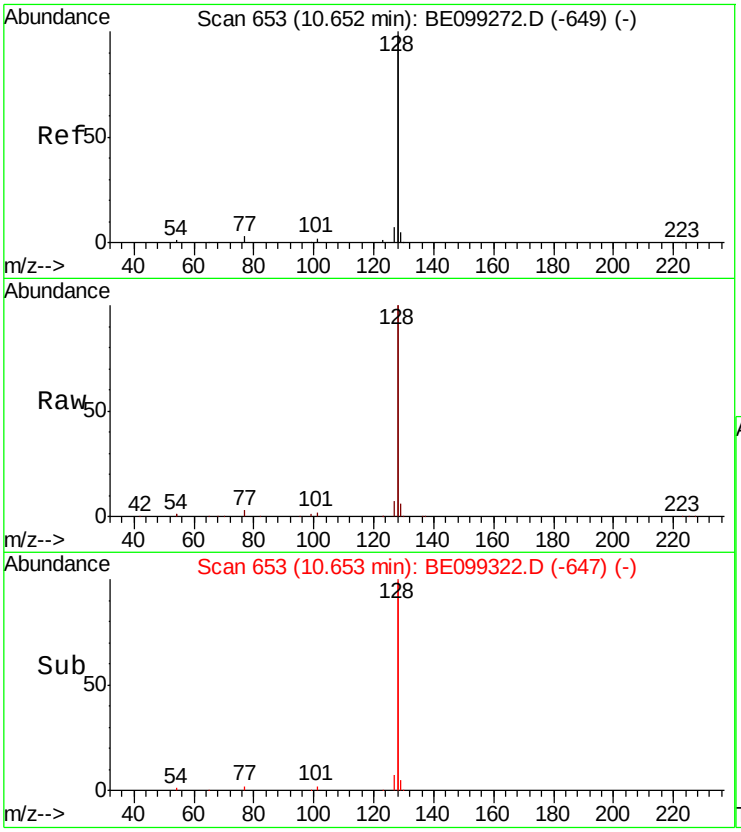


#8
Nitrobenzene-d5
Concen: 0.458 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion: 82 Resp: 5727

Ion	Ratio	Lower	Upper
82	100		
128	97.9	107.5	161.3#
54	163.6	106.3	159.5#



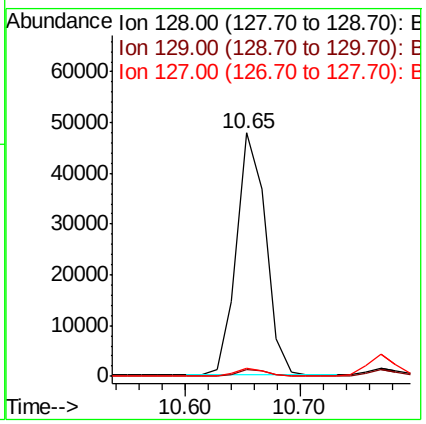


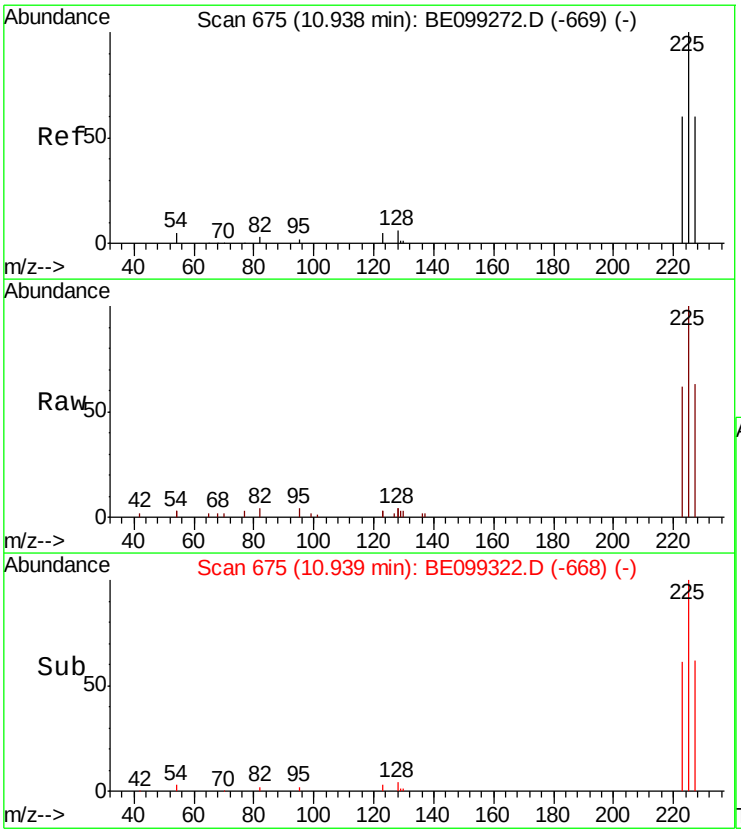
#9
Naphthalene
Concen: 0.425 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 84159

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.4	2.6	3.8

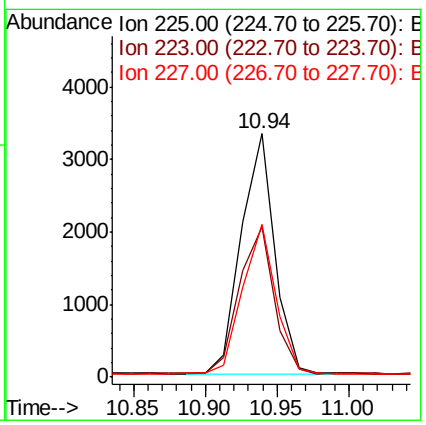


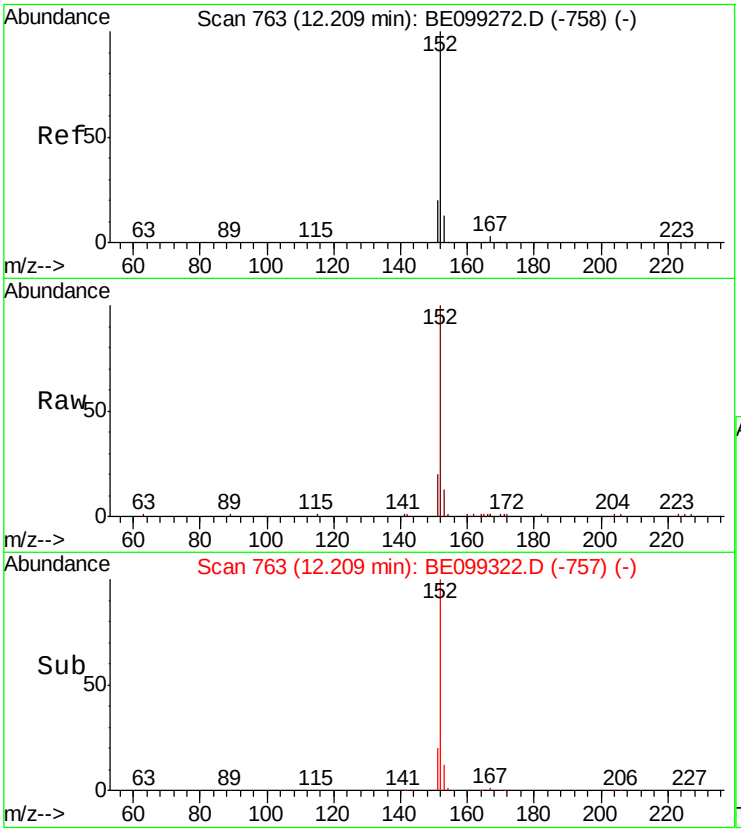


#10
Hexachlorobutadiene
Concen: 0.412 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:225 Resp: 5306

Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.3	76.9
227	62.2	48.6	73.0



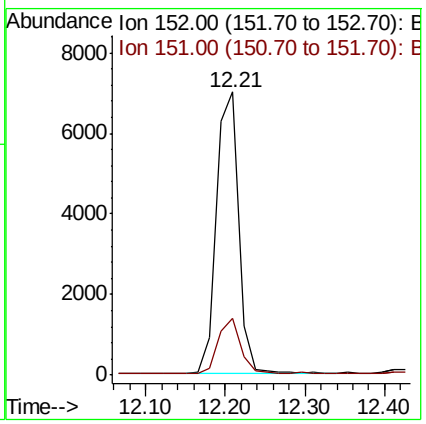


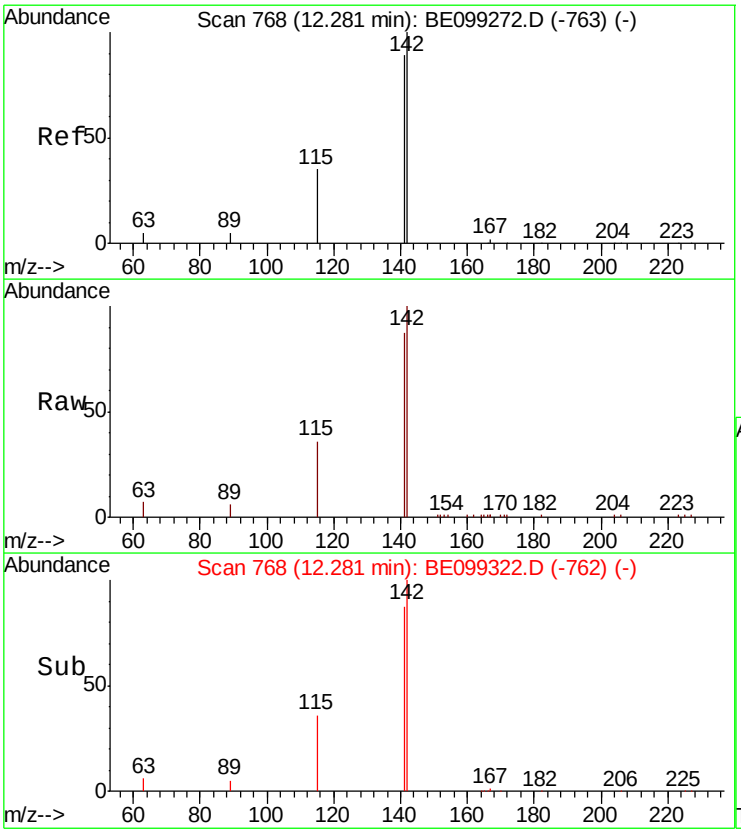
#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13422

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6

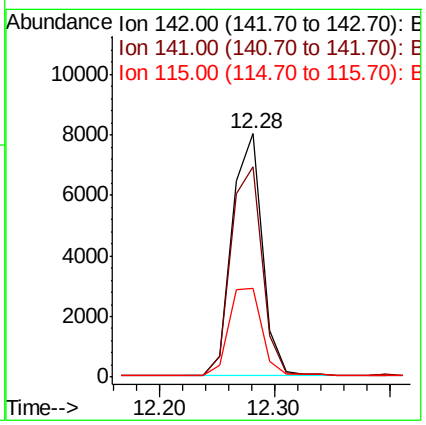


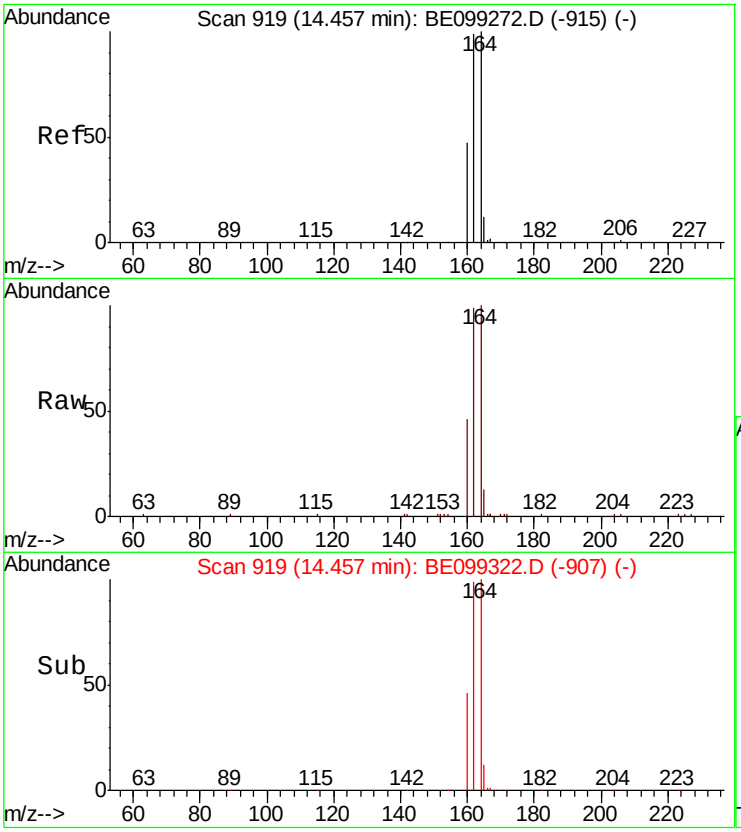


#12
2-Methylnaphthalene
Concen: 0.430 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:142 Resp: 14481

Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.3	106.9
115	36.3	30.4	45.6



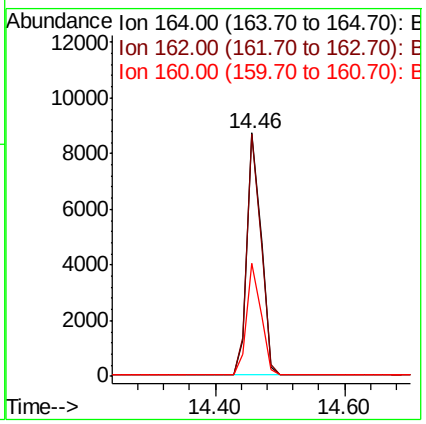


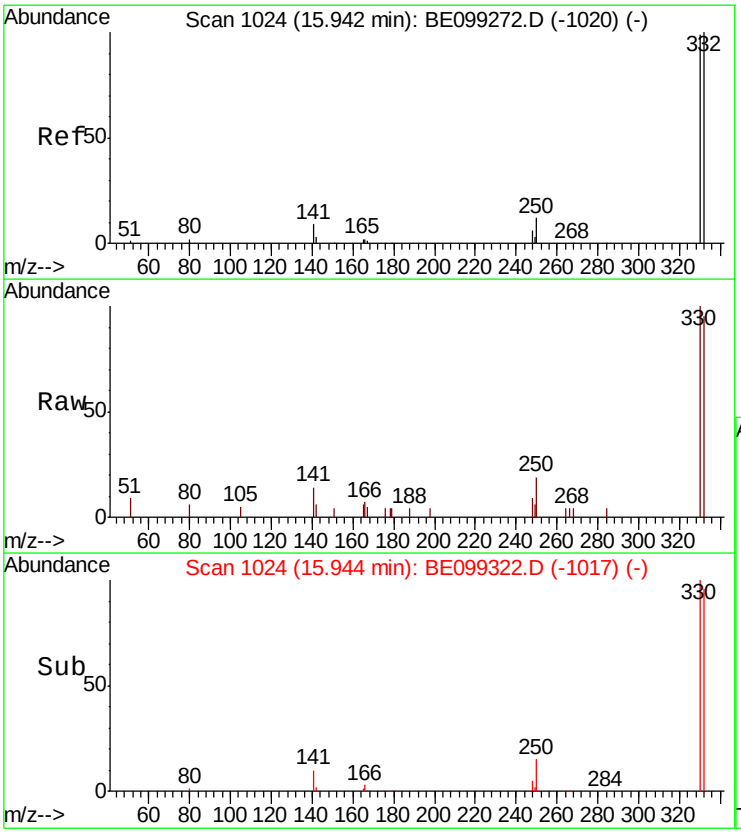
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13080

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.2	118.8
160	46.3	36.7	55.1

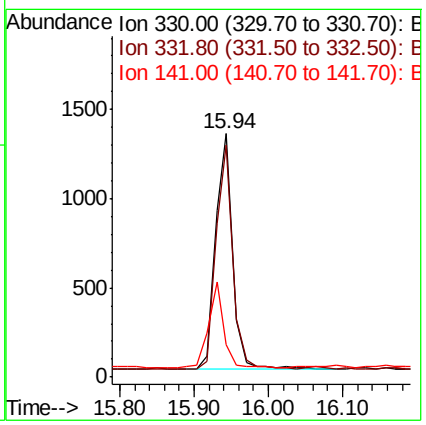


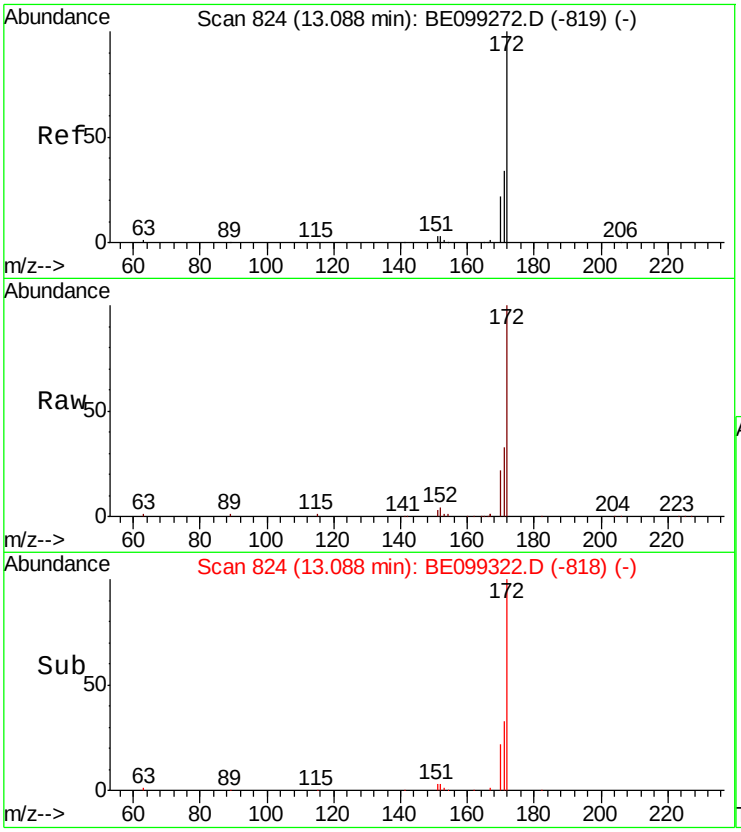


#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:330 Resp: 2109

Ion	Ratio	Lower	Upper
330	100		
332	95.0	71.3	106.9
141	33.9	21.7	32.5#



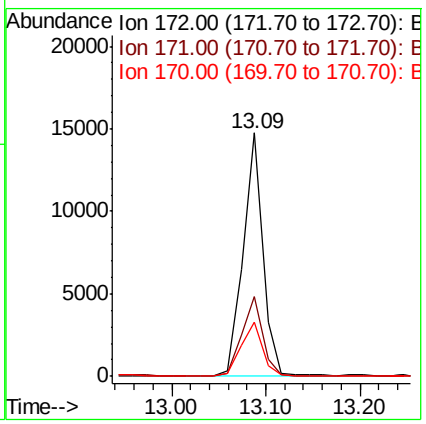


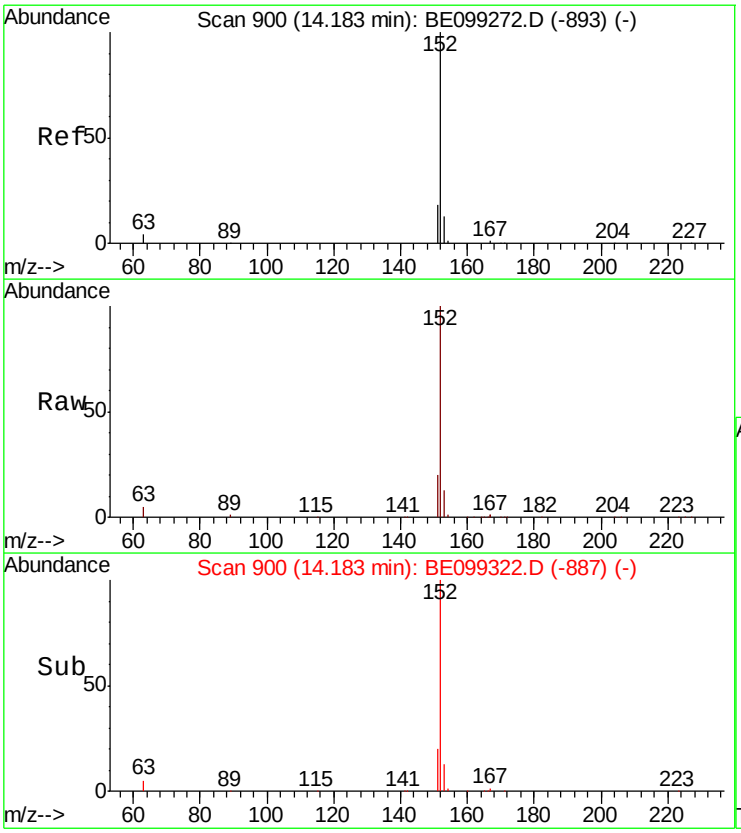
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 21490

Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.4	41.0
170	22.2	19.1	28.7

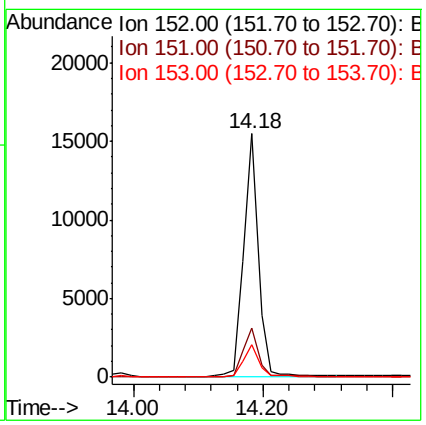


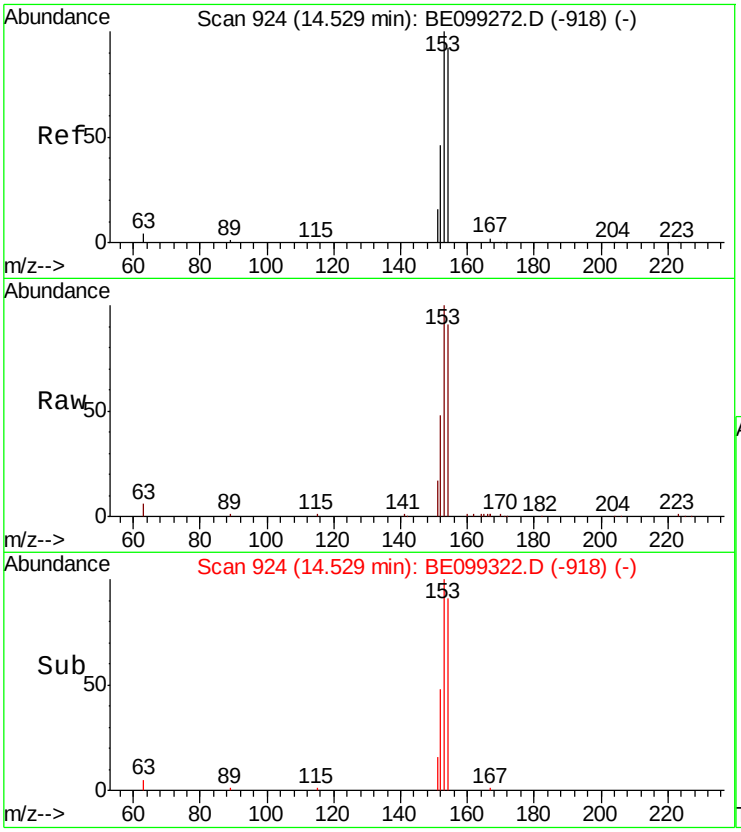


#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:152 Resp: 24187

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	12.9	10.6	15.8



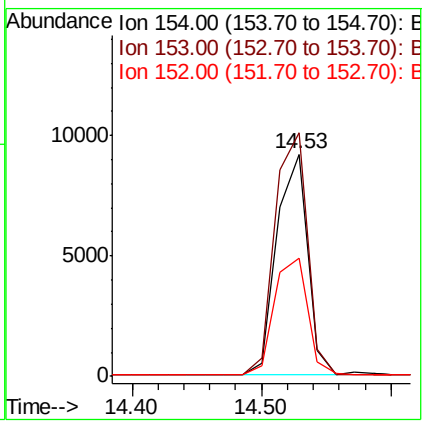


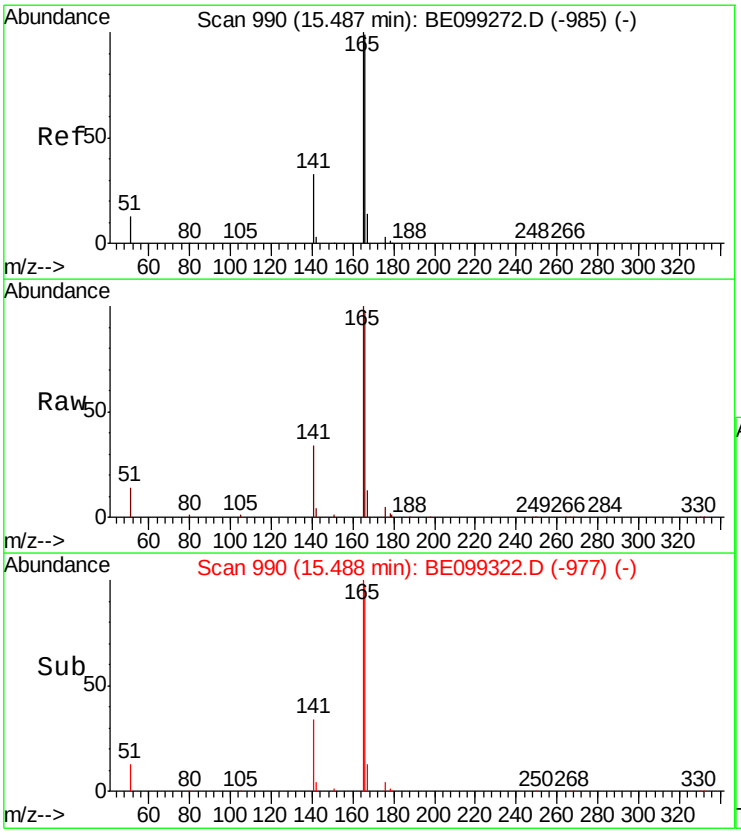
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 15299

Ion	Ratio	Lower	Upper
154	100		
153	115.1	93.4	140.0
152	57.0	46.6	69.8

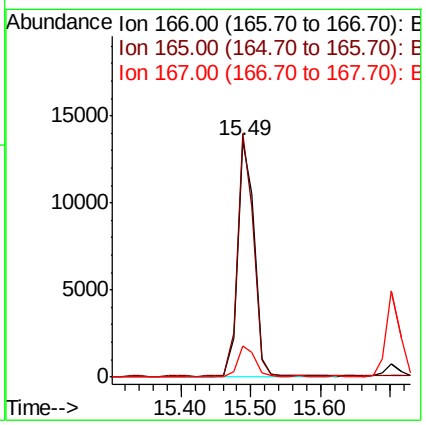


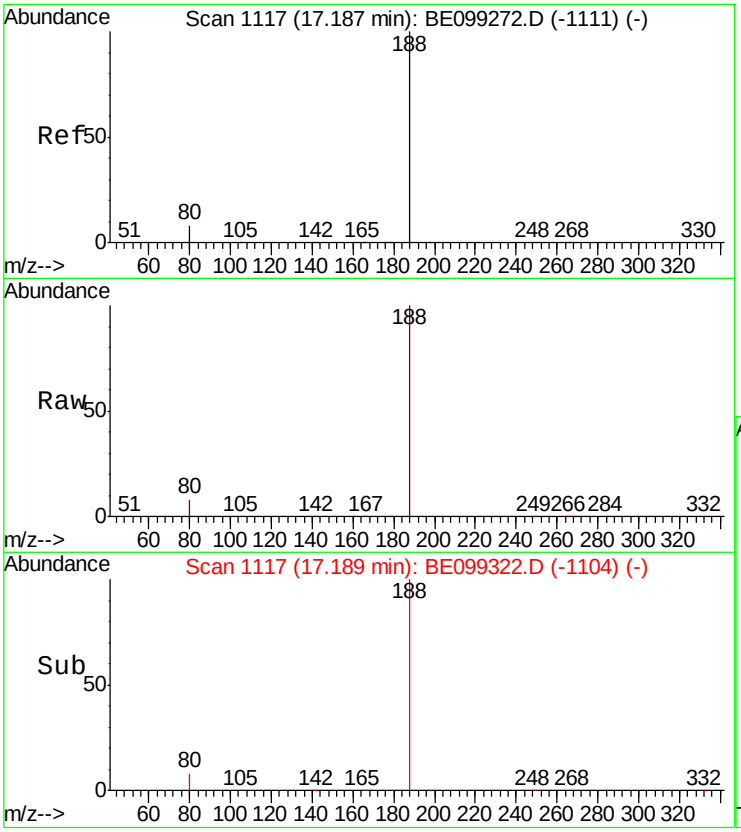


#18
Fluorene
Concen: 0.417 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:166 Resp: 22005

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.9	118.3
167	13.5	10.9	16.3



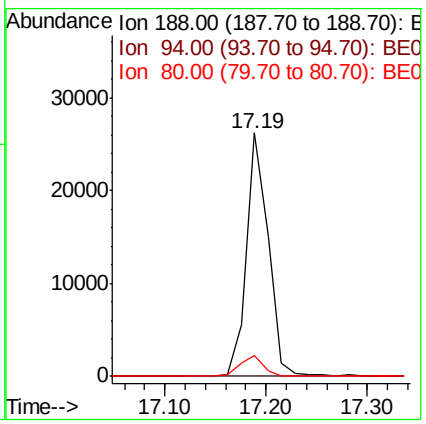


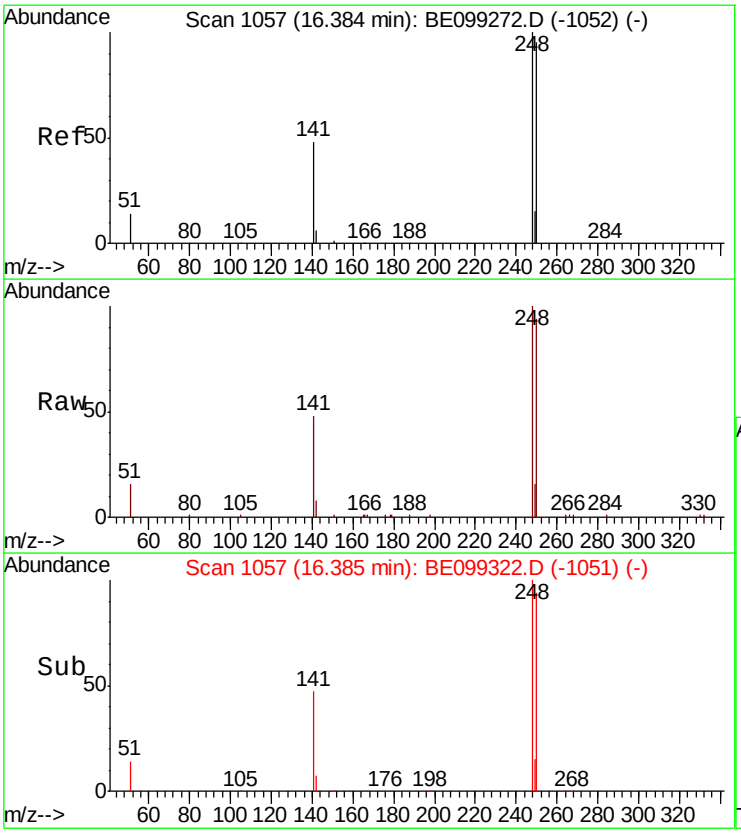
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 39024

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	4.5	6.7#

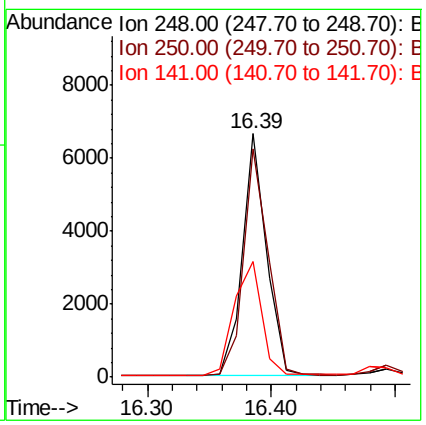


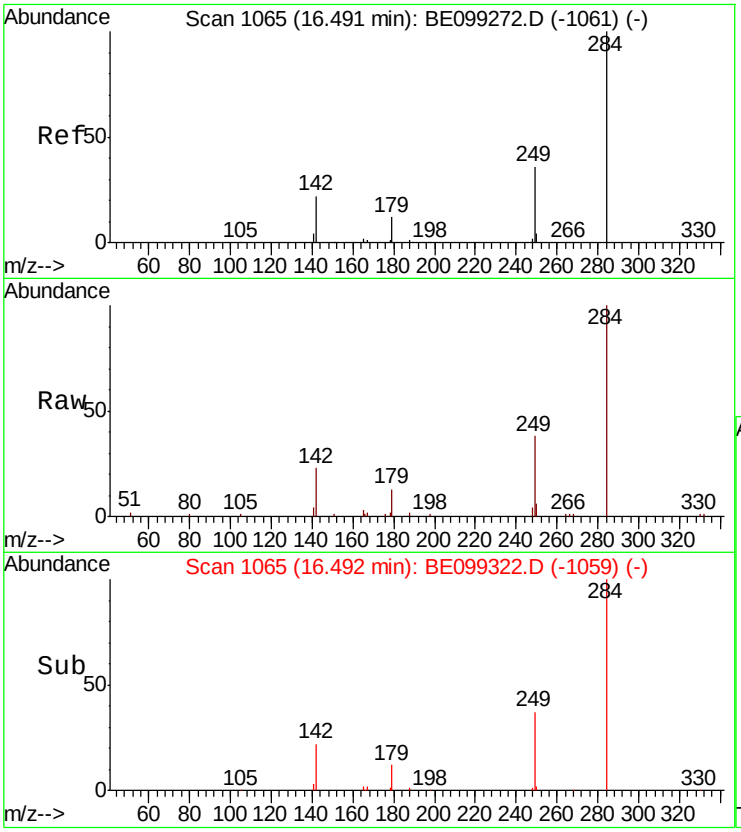


#20
4-Bromophenyl-phenylether
Concen: 0.402 ng
RT: 16.39 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:248 Resp: 8910

Ion	Ratio	Lower	Upper
248	100		
250	94.0	84.2	126.2
141	47.6	21.8	32.6#



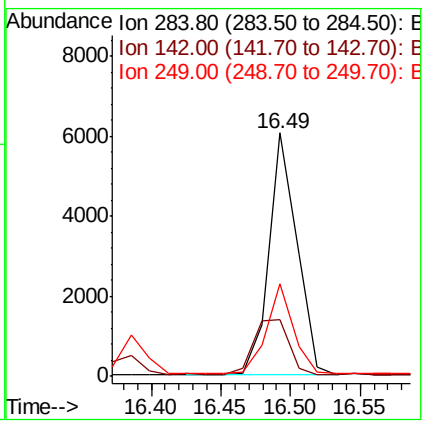


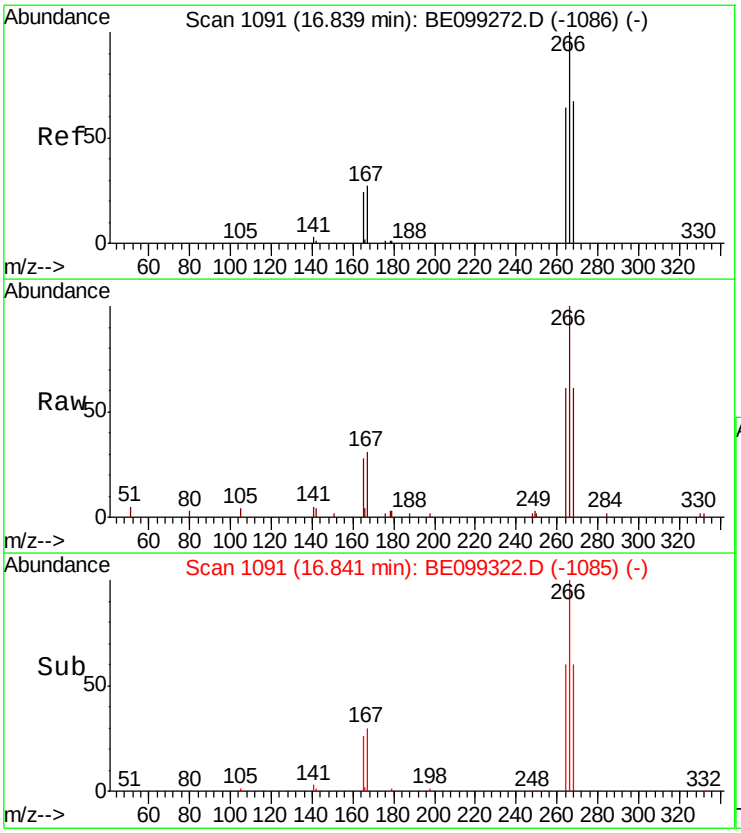
#21
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 8417

Ion	Ratio	Lower	Upper
284	100		
142	28.3	22.7	34.1
249	35.8	26.9	40.3

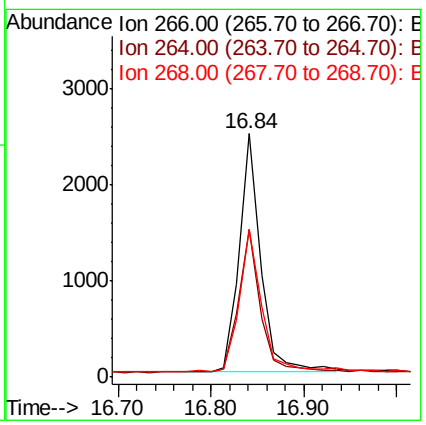


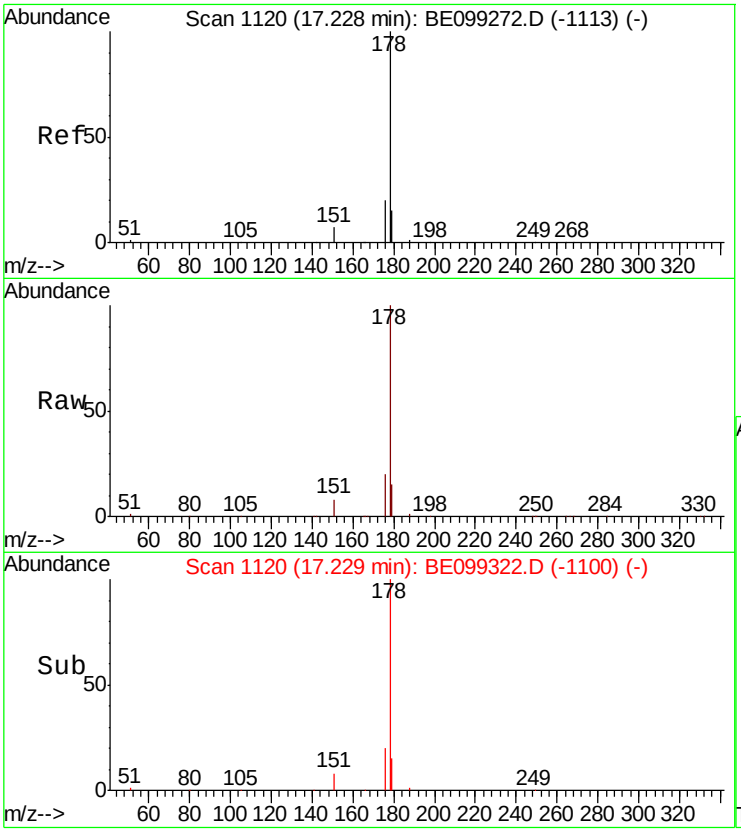


#22
Pentachlorophenol
Concen: 0.451 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:266 Resp: 3948

Ion	Ratio	Lower	Upper
266	100		
264	60.6	54.4	81.6
268	60.6	61.3	91.9#



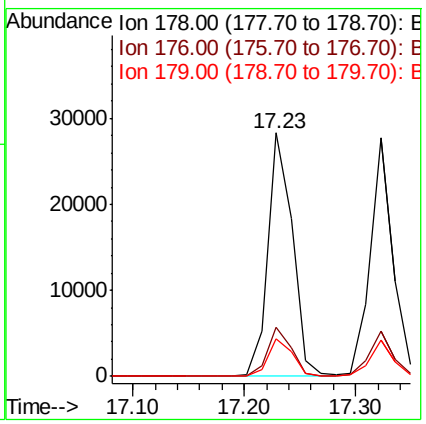


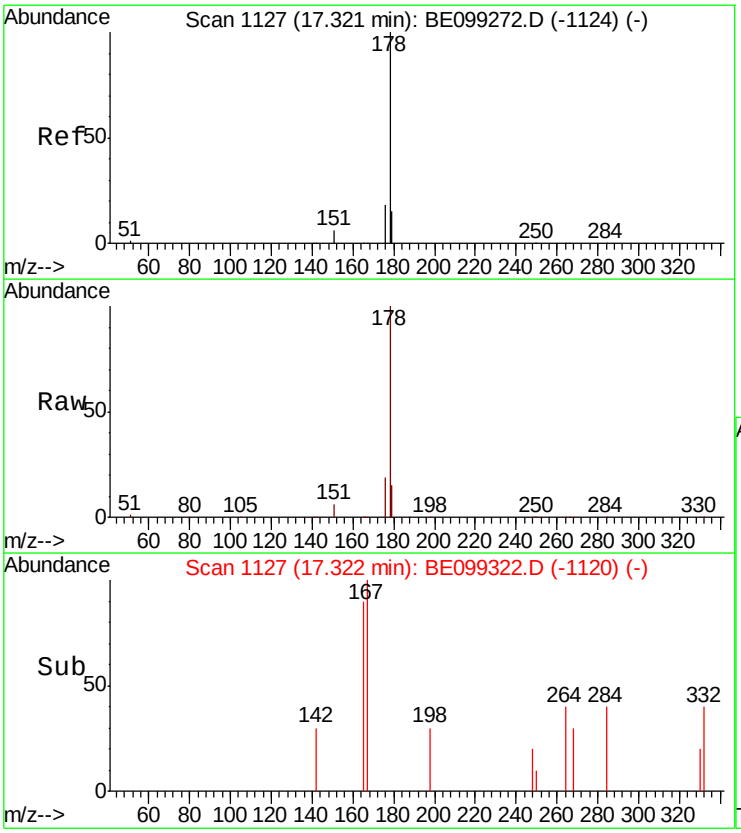
#23
Phenanthrene
Concen: 0.429 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 43299

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.3	18.5

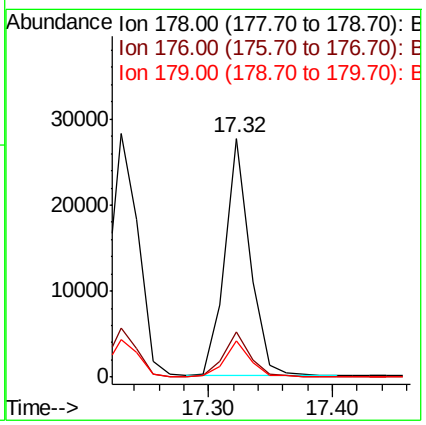


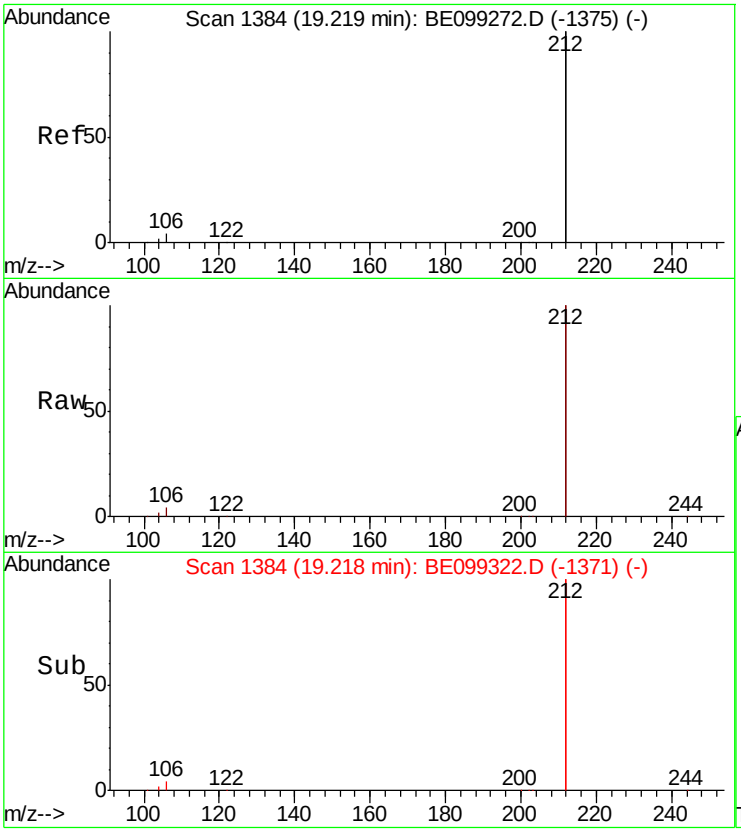


#24
Anthracene
Concen: 0.412 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:178 Resp: 39258

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	14.8	12.4	18.6



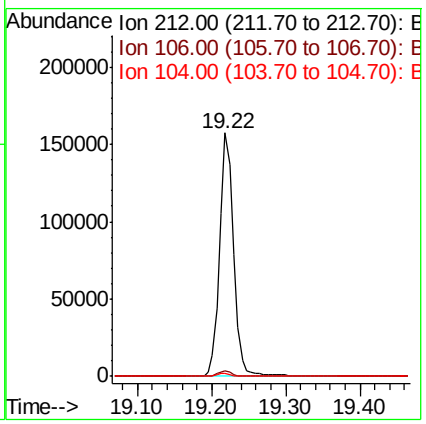


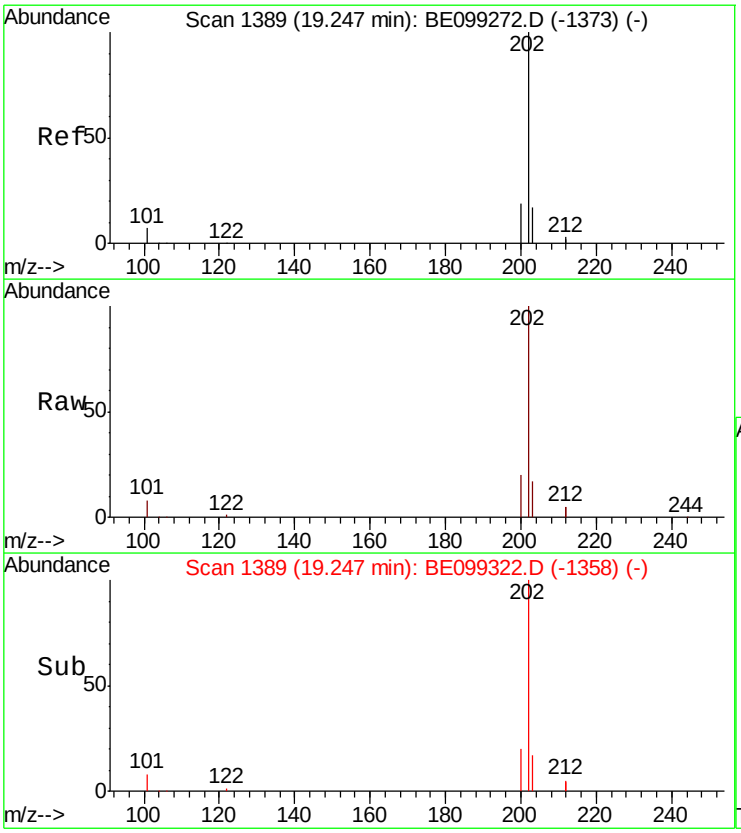
#25
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 205112

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.2	1.1	1.7

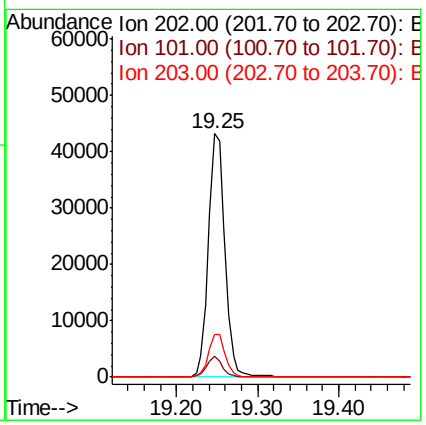


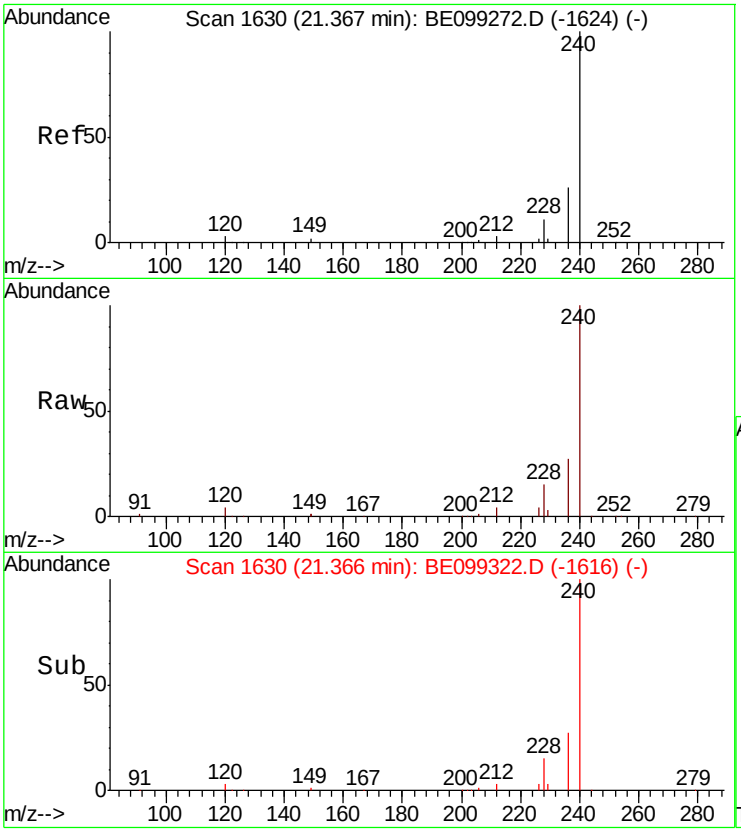


#26
Fluoranthene
Concen: 0.405 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:202 Resp: 60400

Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
203	17.4	13.8	20.6



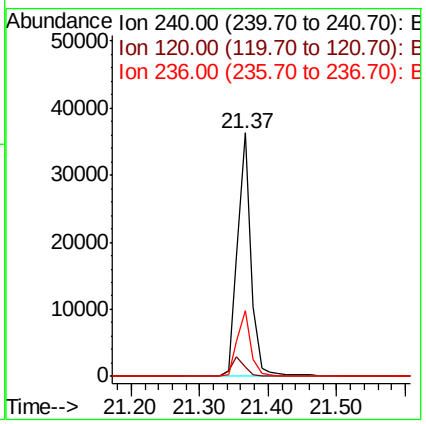


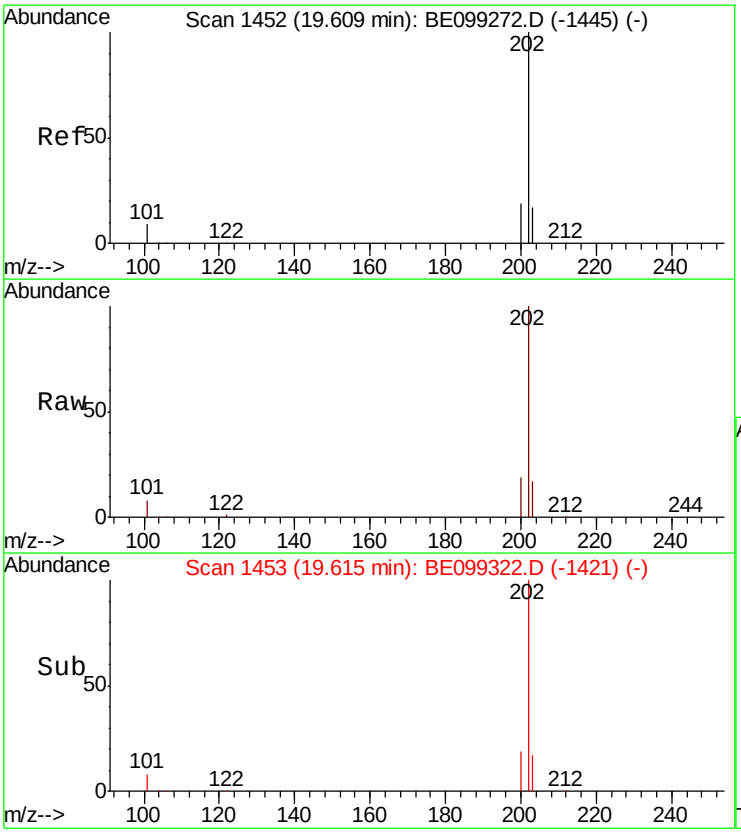
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 49526

Ion	Ratio	Lower	Upper
240	100		
120	3.8	2.6	3.8
236	27.0	20.9	31.3

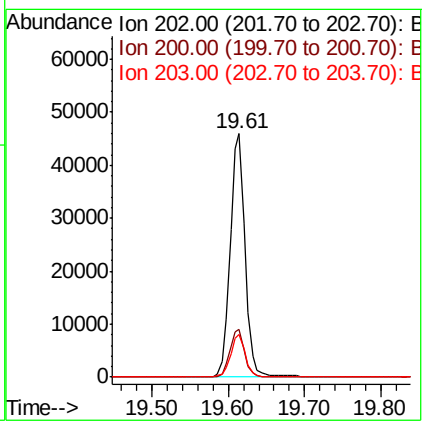


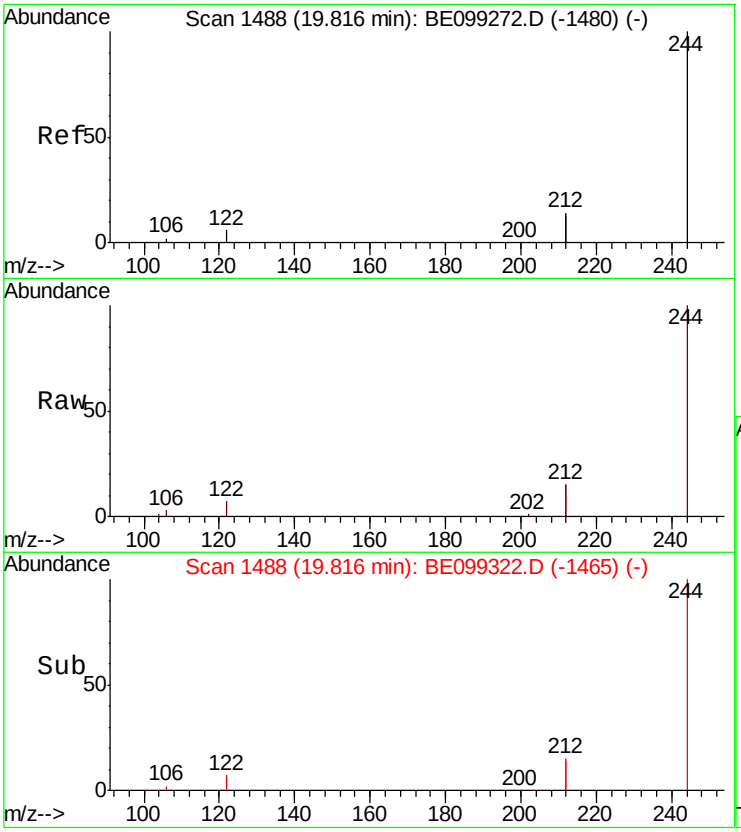


#28
Pyrene
Concen: 0.476 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:202 Resp: 62199

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.8	23.8
203	17.5	14.1	21.1



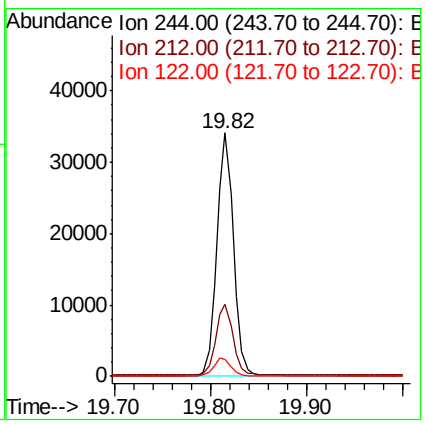


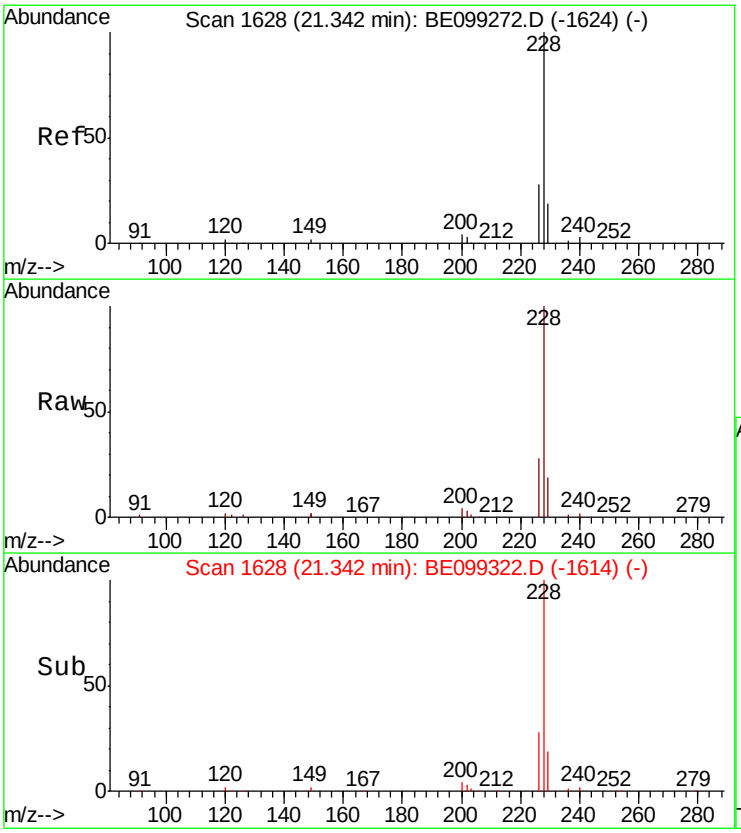
#29
Terphenyl-d14
Concen: 0.458 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 41358

Ion	Ratio	Lower	Upper
244	100		
212	29.8	22.7	34.1
122	7.0	5.8	8.6

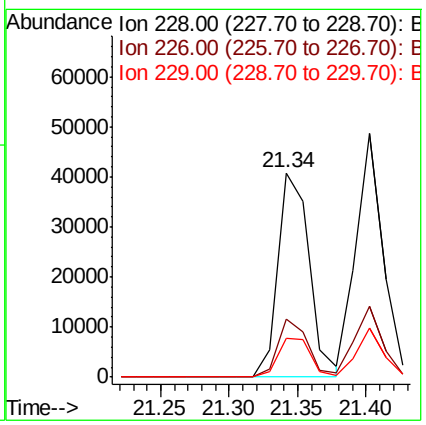


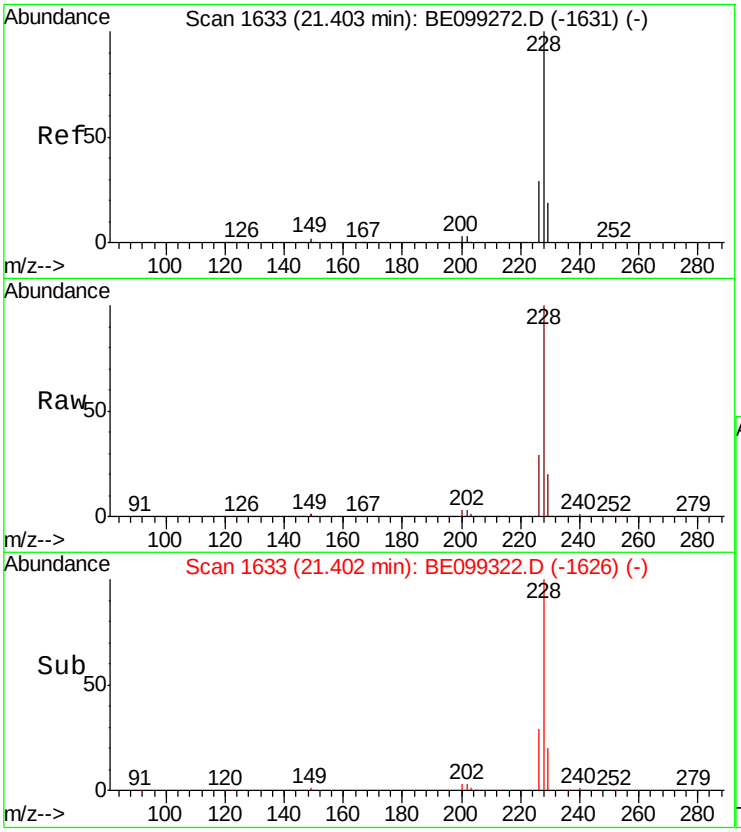


#30
Benzo(a)anthracene
Concen: 0.413 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:228 Resp: 64455

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.7	32.5
229	19.3	15.9	23.9



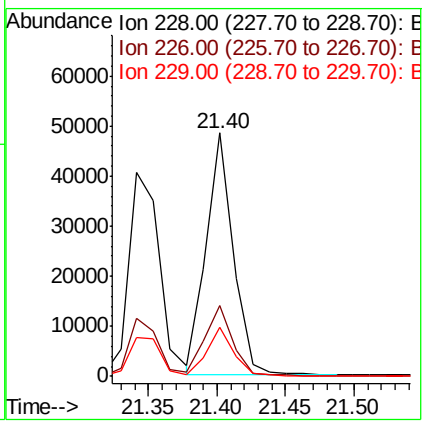


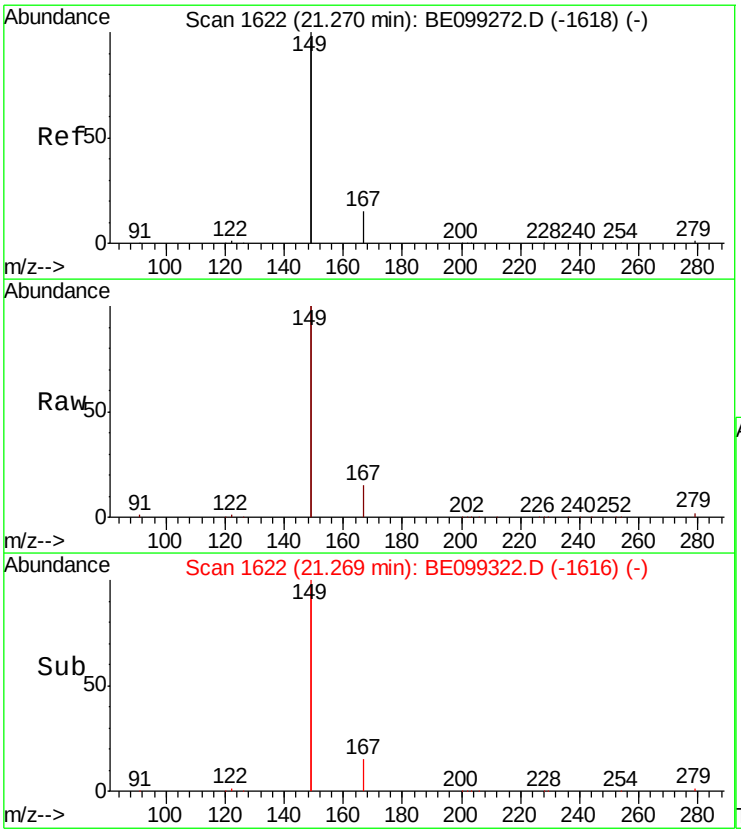
#31
Chrysene
Concen: 0.435 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 66547

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.8	37.2
229	20.0	15.4	23.0

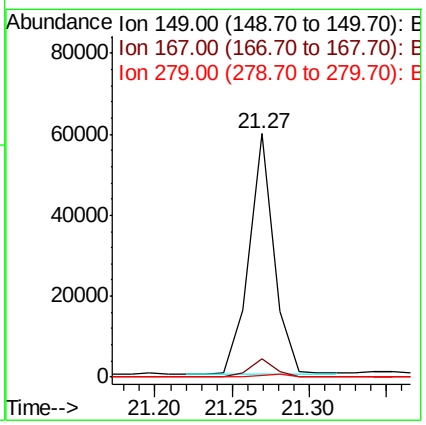


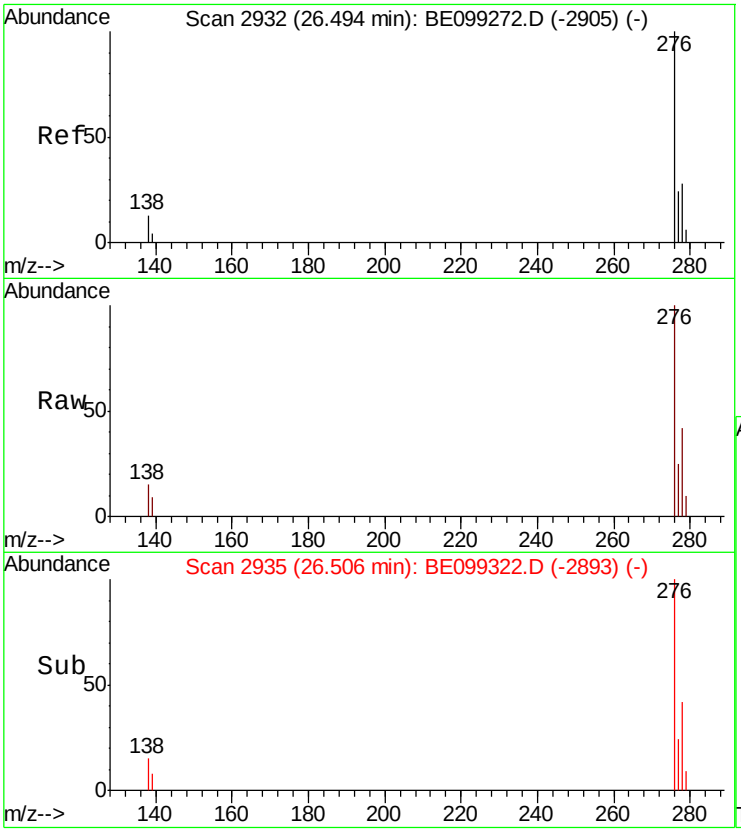


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.334 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:149 Resp: 66442

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.3	1.0	1.6



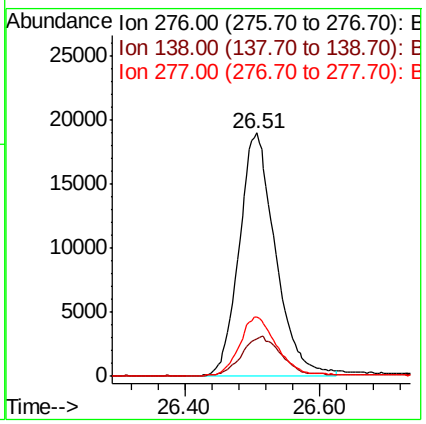


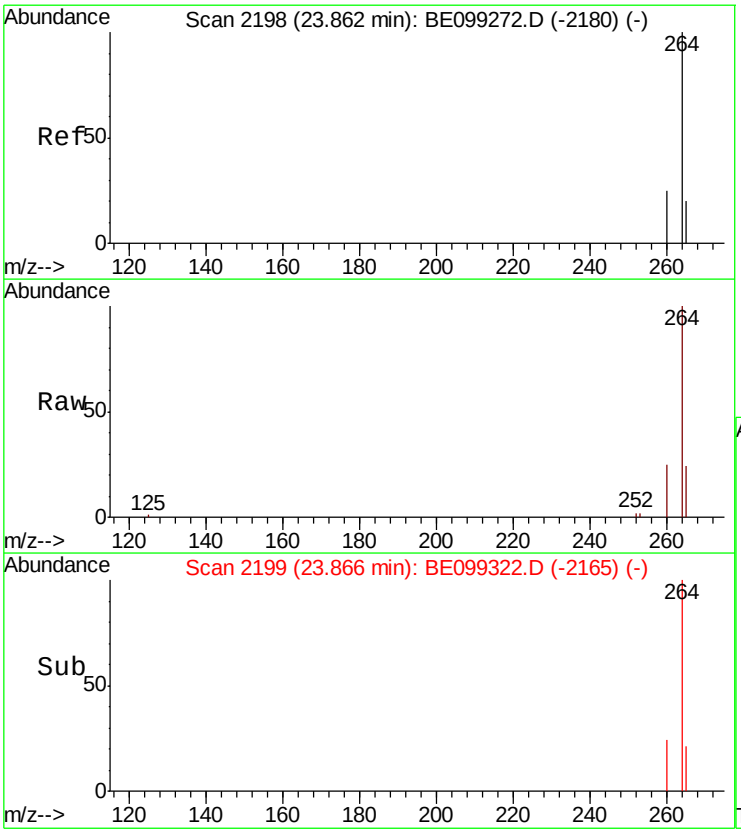
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 26.51 min Scan# 2935
Delta R.T. -0.05 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 70402

Ion	Ratio	Lower	Upper
276	100		
138	17.3	12.9	19.3
277	24.9	18.3	27.5

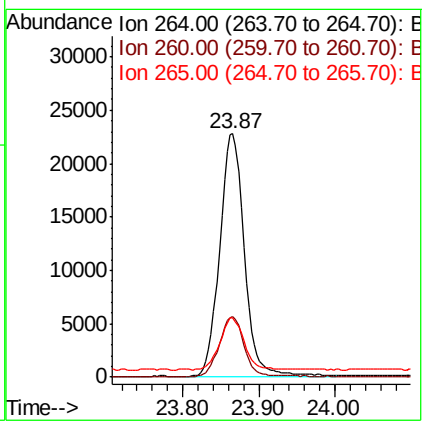


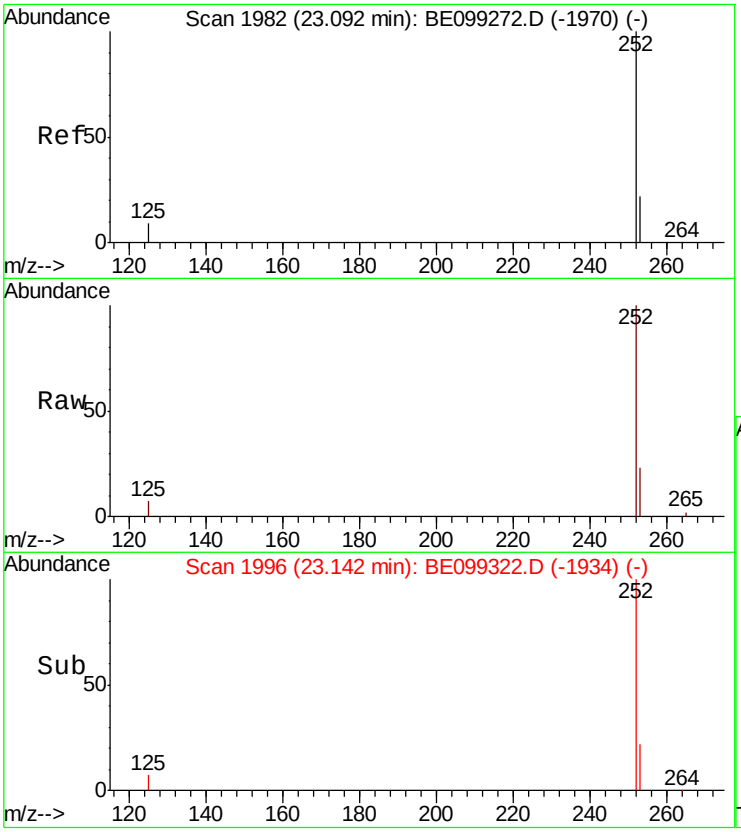


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:264 Resp: 50993

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	24.3	21.8	32.8



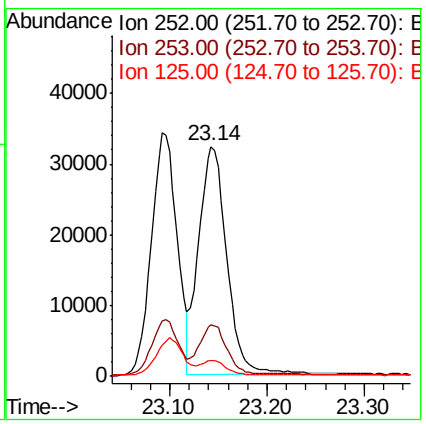


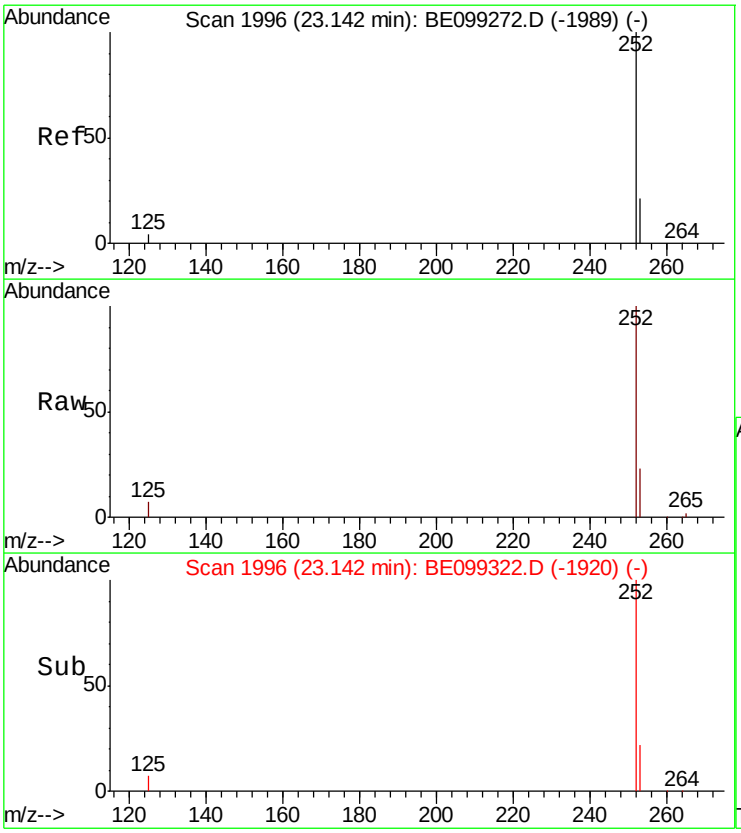
#35
Benzo(b)fluoranthene
Concen: 0.425 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.02 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 64655

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	7.1	6.1	9.1

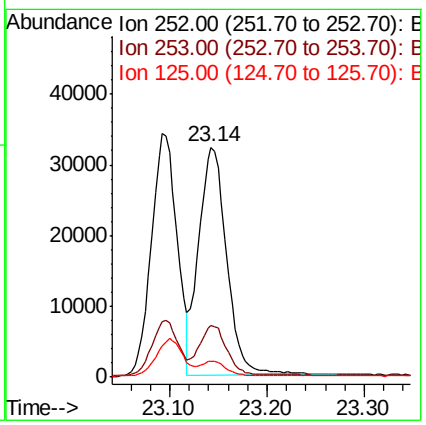


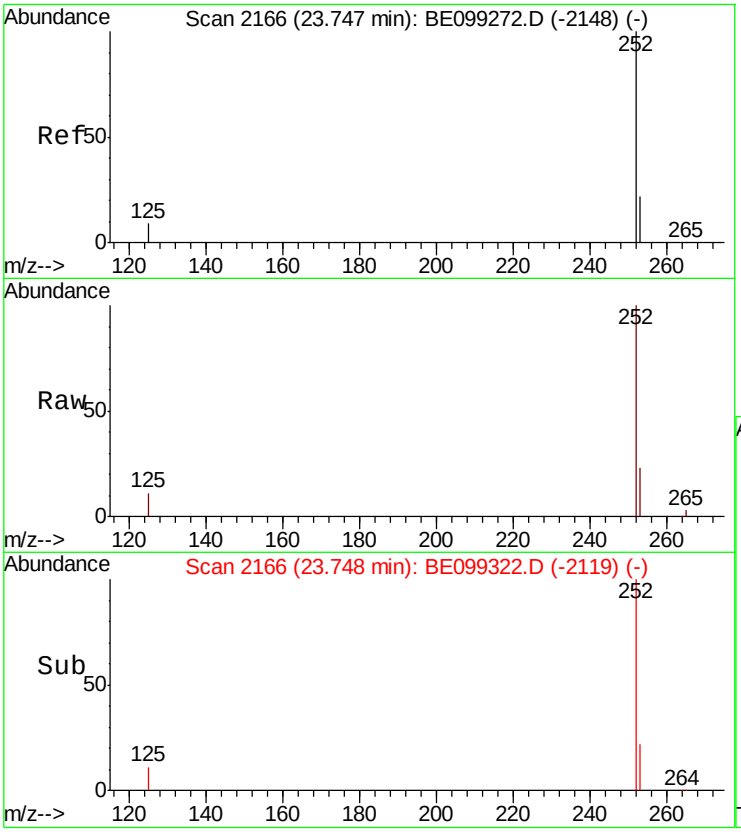


#36
Benzo(k)fluoranthene
Concen: 0.437 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:252 Resp: 64655

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	7.1	5.9	8.9



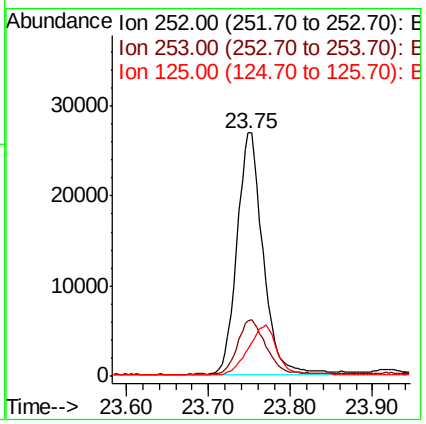


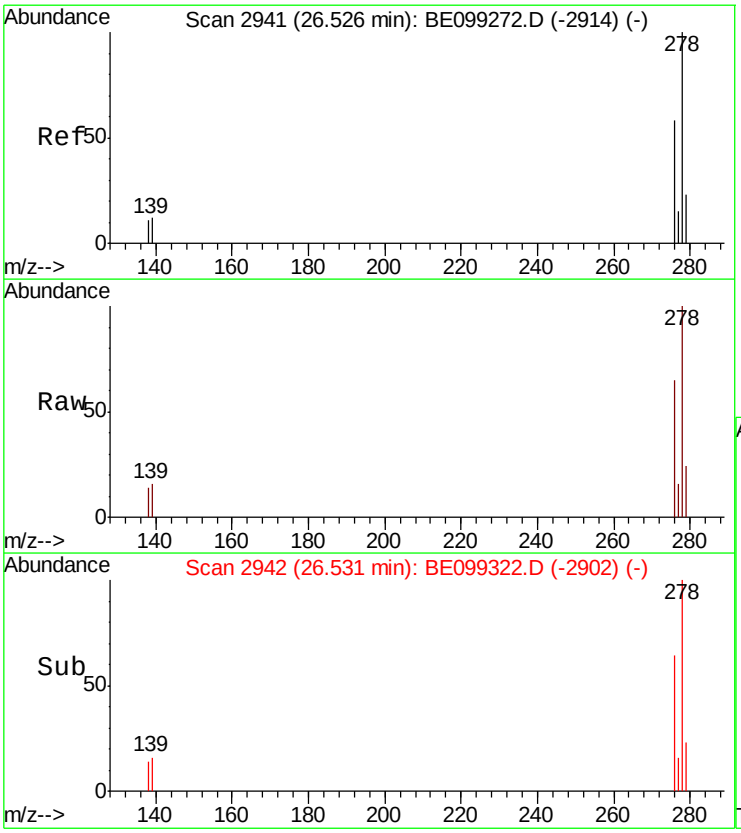
#37
Benzo(a)pyrene
Concen: 0.414 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.03 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 59142

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.4	6.8	10.2#

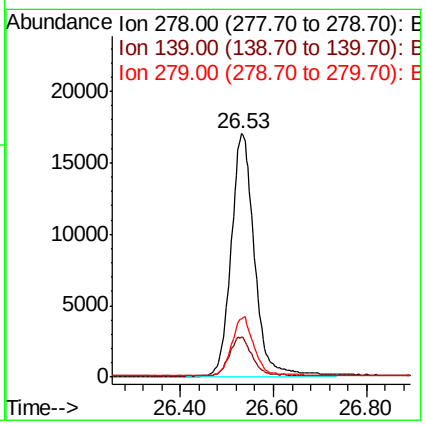


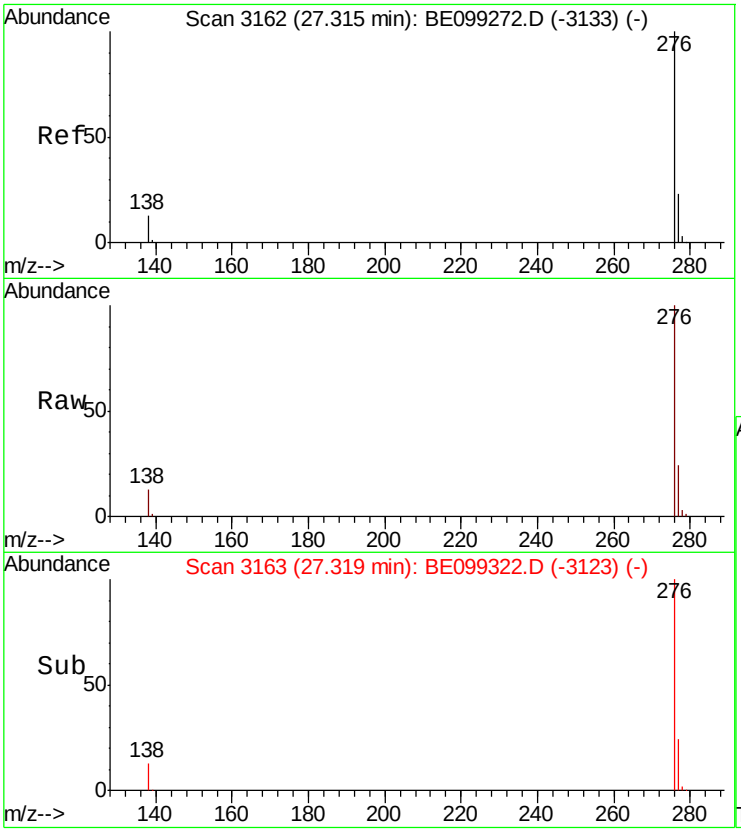


#38
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.06 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Tgt Ion:278 Resp: 59215

Ion	Ratio	Lower	Upper
278	100		
139	16.3	9.5	14.3#
279	24.1	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.408 ng
RT: 27.32 min Scan# 3163
Delta R.T. -0.06 min
Lab File: BE099322.D
Acq: 15 Apr 2019 9:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 57875

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	13.3	11.1	16.7