Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052319\
Data File : BE099734.D
Acq On : 23 May 2019 15:43
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 23 16:26:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1455	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	5012	0.40	ng		0.01
13) Acenaphthene-d10	14.49	164	3373	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	9917	0.40	ng		0.00
27) Chrysene-d12	21.41	240	16181	0.40	ng		0.00
34) Perylene-d12	23.95	264	18502	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	1650	0.45	ng		0.00
5) Phenol-d6	6.98	99	2177	0.45	ng		0.00
8) Nitrobenzene-d5	8.98	82	2045	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	3591	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	1034	0.53	ng		-0.01
15) 2-Fluorobiphenyl	13.12	172	5472	0.43	ng		0.01
25) Fluoranthene-d10	19.26	212	54961	0.41	ng		0.00
29) Terphenyl-d14	19.86	244	11403	0.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	824	0.383	ng	#	93
3) n-Nitrosodimethylamine	3.61	42	536	0.451	ng	#	84
6) bis(2-Chloroethyl)ether	7.24	93	1784	0.412	ng		96
9) Naphthalene	10.68	128	21705	0.405	ng		99
10) Hexachlorobutadiene	10.95	225	1602	0.406	ng		97
12) 2-Methylnaphthalene	12.30	142	3574	0.409	ng		98
16) Acenaphthylene	14.21	152	6791	0.432	ng		99
17) Acenaphthene	14.54	154	3810	0.432	ng		98
18) Fluorene	15.53	166	5354	0.412	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	2320	0.406	ng		97
21) Hexachlorobenzene	16.53	284	2399	0.410	ng		99
22) Pentachlorophenol	16.89	266	1236	0.829	ng		90
23) Phenanthrene	17.27	178	9820	0.405	ng		100
24) Anthracene	17.36	178	9225	0.420	ng		99
26) Fluoranthene	19.29	202	15458	0.403	ng		99
28) Pyrene	19.66	202	16254	0.400	ng		99
30) Benzo(a)anthracene	21.39	228	20623	0.449	ng		98
31) Chrysene	21.45	228	19776	0.402	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	29528	0.557	ng		99
33) Indeno(1,2,3-cd)pyrene	26.64	276	25440	0.429	ng		98
35) Benzo(b)fluoranthene	23.22	252	20484	0.404	ng		99
36) Benzo(k)fluoranthene	23.22	252	20484	0.388	ng		99
37) Benzo(a)pyrene	23.83	252	20093	0.412	ng	#	97
38) Dibenzo(a,h)anthracene	26.67	278	20927	0.408	ng	#	97
39) Benzo(g,h,i)perylene	27.47	276	20979	0.406	ng		100

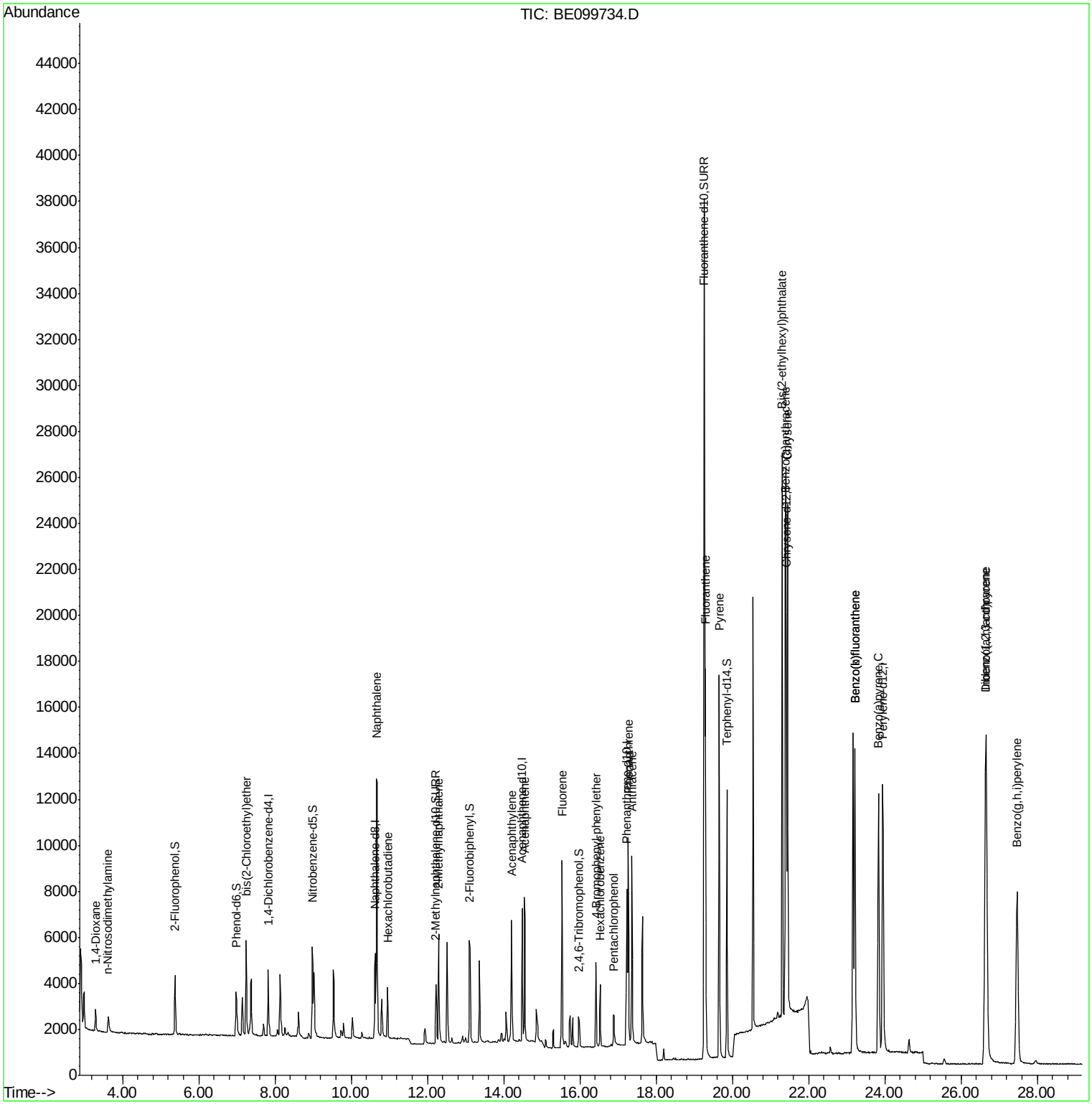
(#) = qualifier out of range (m) = manual integration (+) = signals summed

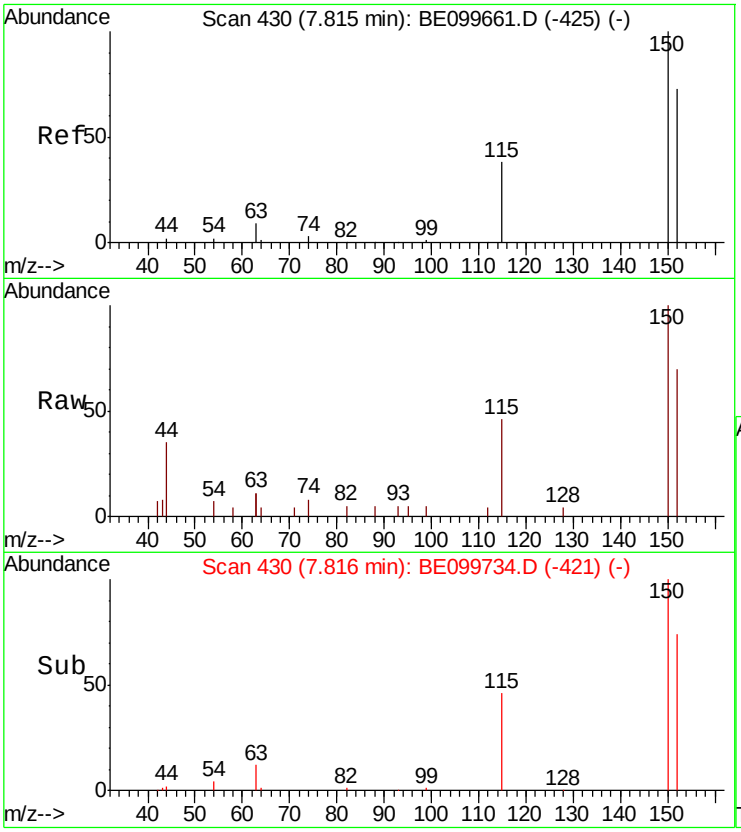
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052319\
Data File : BE099734.D
Acq On : 23 May 2019 15:43
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 23 16:26:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



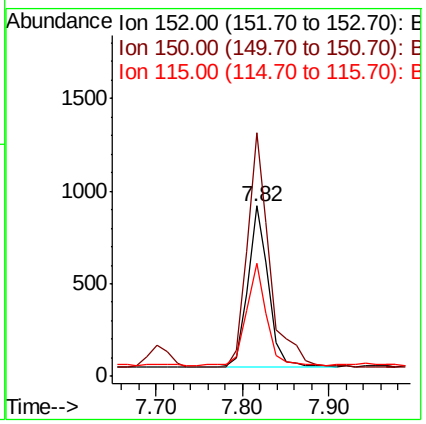


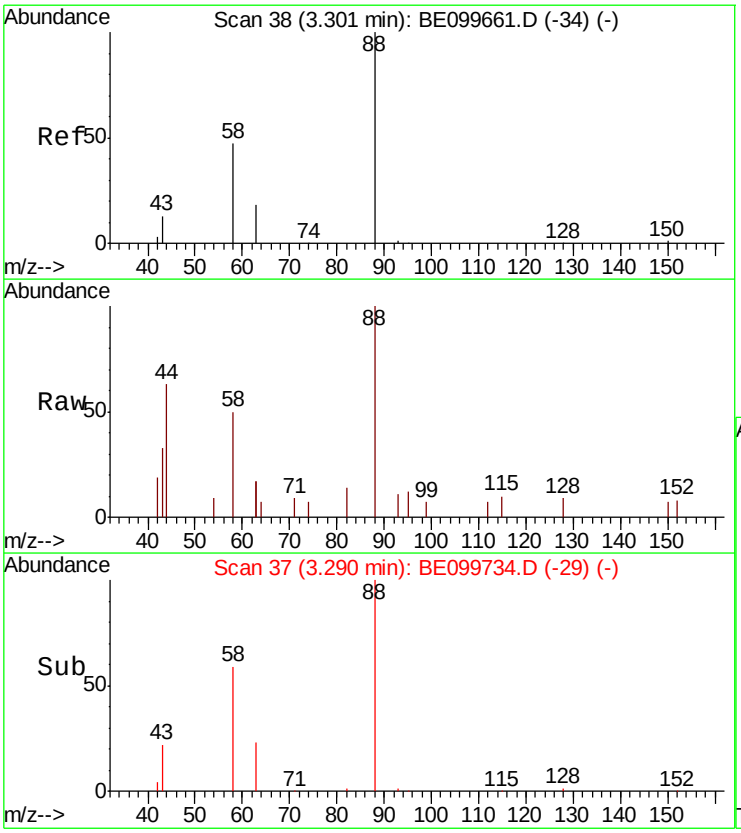
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1455

Ion	Ratio	Lower	Upper
152	100		
150	142.8	109.2	163.8
115	66.2	43.7	65.5#

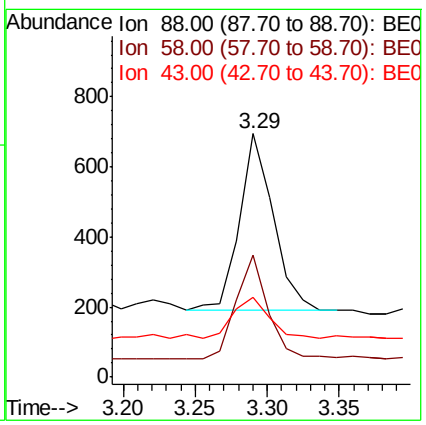


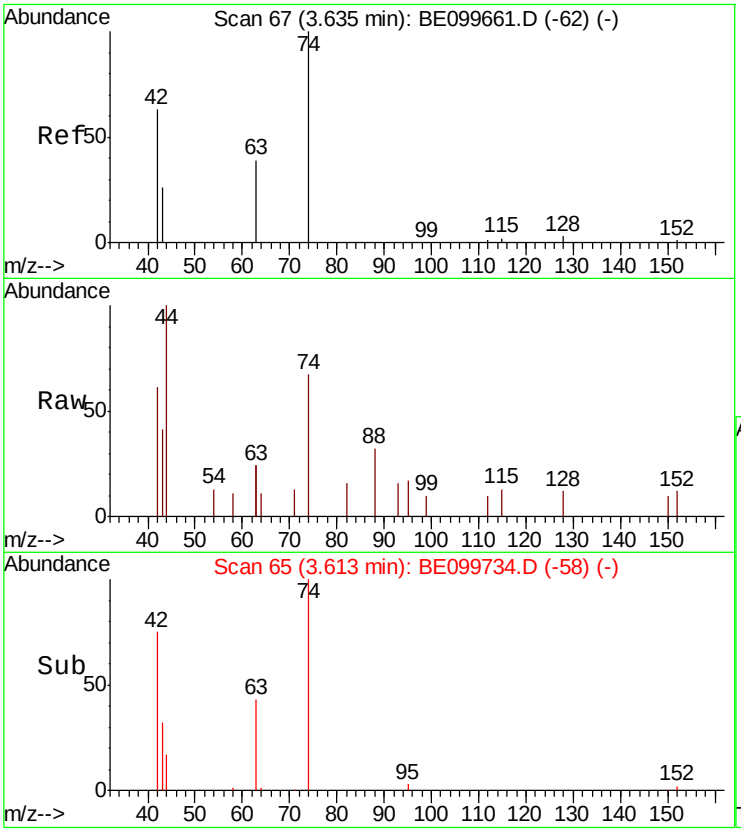


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion: 88 Resp: 824

Ion	Ratio	Lower	Upper
88	100		
58	56.4	41.8	62.8
43	23.4	15.0	22.4#



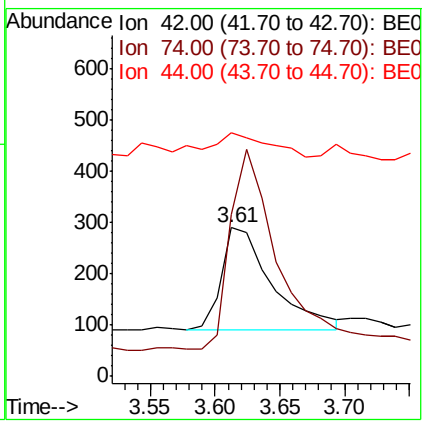


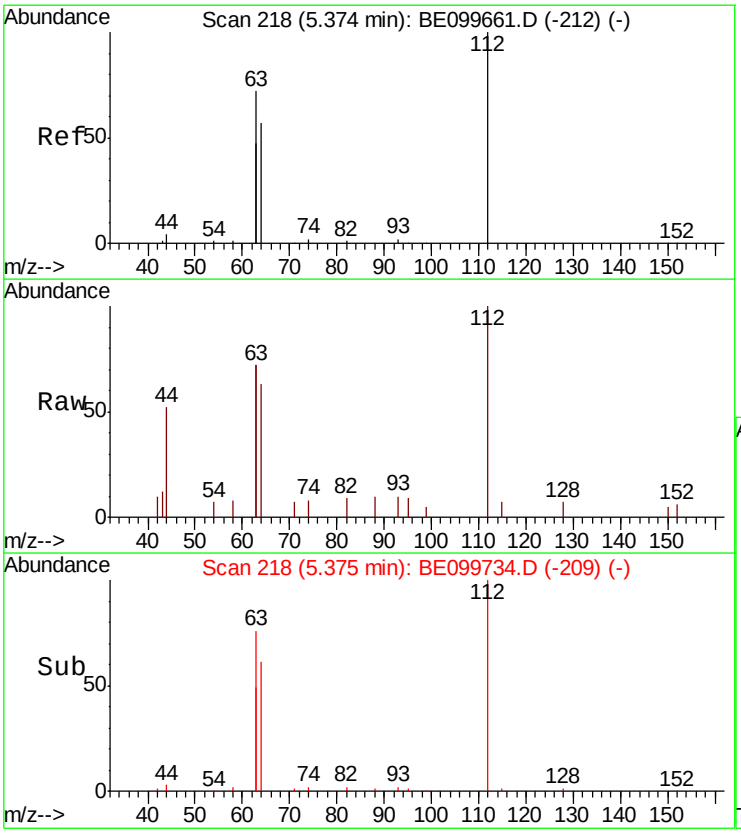
#3
n-Nitrosodimethylamine
Concen: 0.451 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.02 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 536

Ion	Ratio	Lower	Upper
42	100		
74	182.5	129.2	193.8
44	27.1	0.0	0.0#

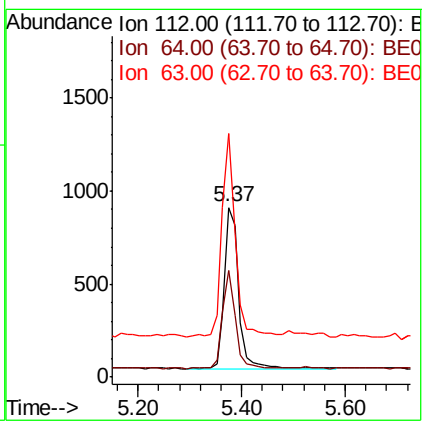


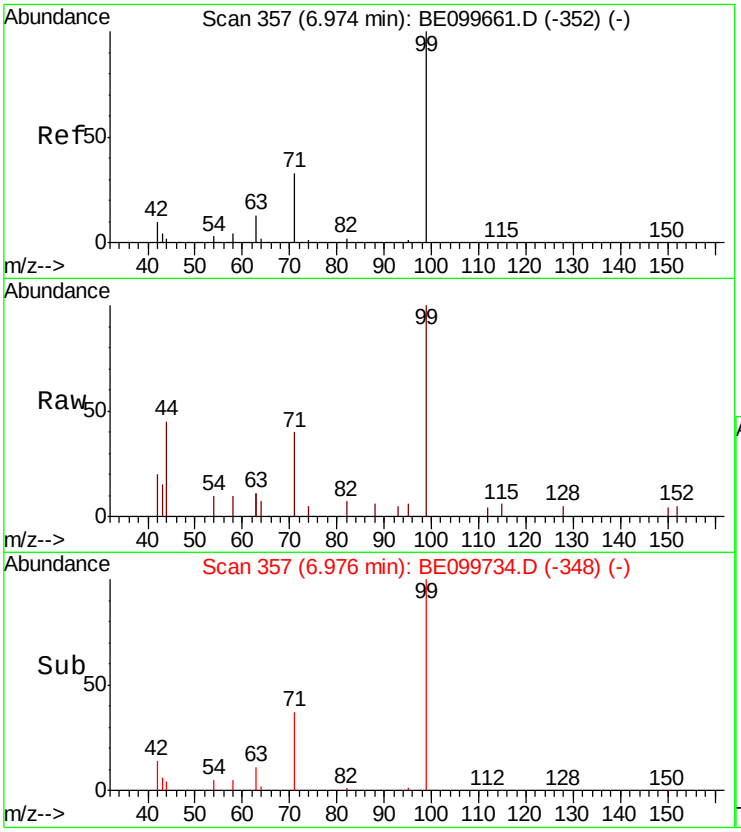


#4
2-Fluorophenol
Concen: 0.449 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:112 Resp: 1650

Ion	Ratio	Lower	Upper
112	100		
64	55.0	43.4	65.2
63	118.7	96.9	145.3



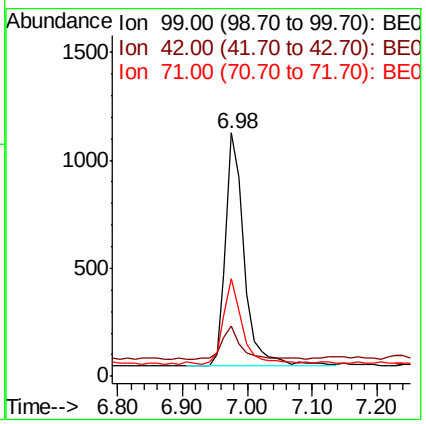


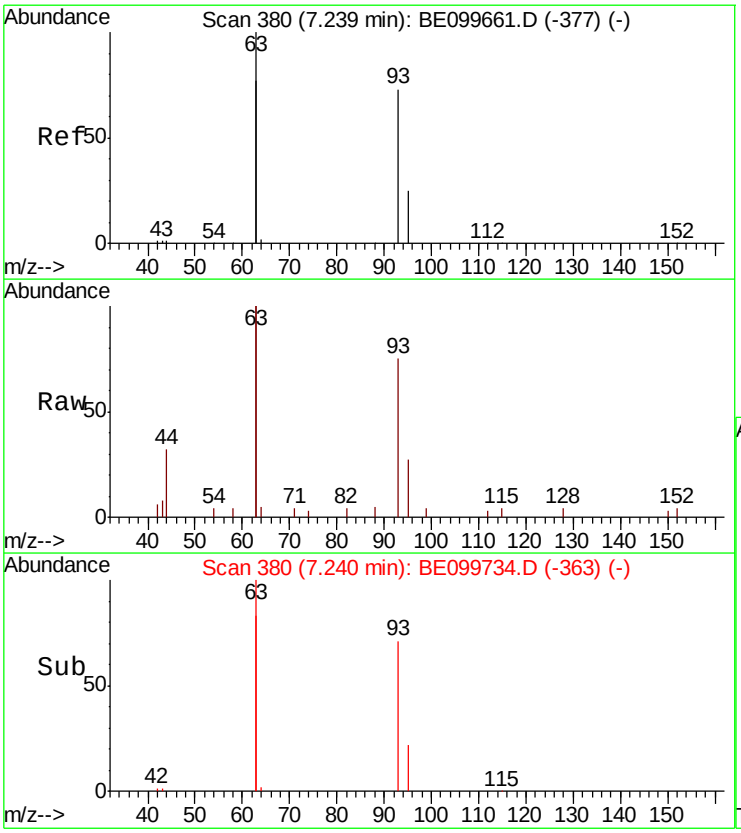
#5
Phenol-d6
Concen: 0.447 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2177

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.2	18.2
71	36.8	28.9	43.3

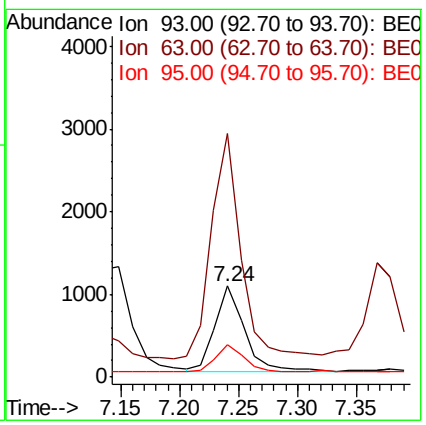


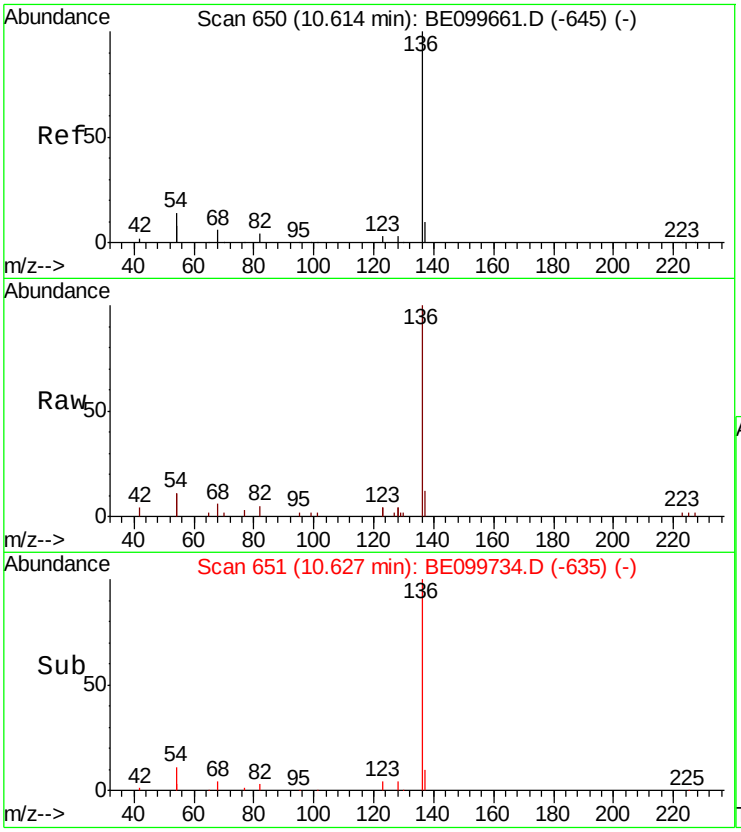


#6
bis(2-Chloroethyl)ether
Concen: 0.412 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion: 93 Resp: 1784

Ion	Ratio	Lower	Upper
93	100		
63	268.1	207.8	311.6
95	32.3	25.9	38.9



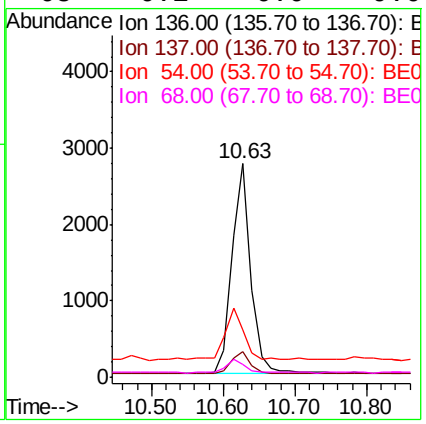


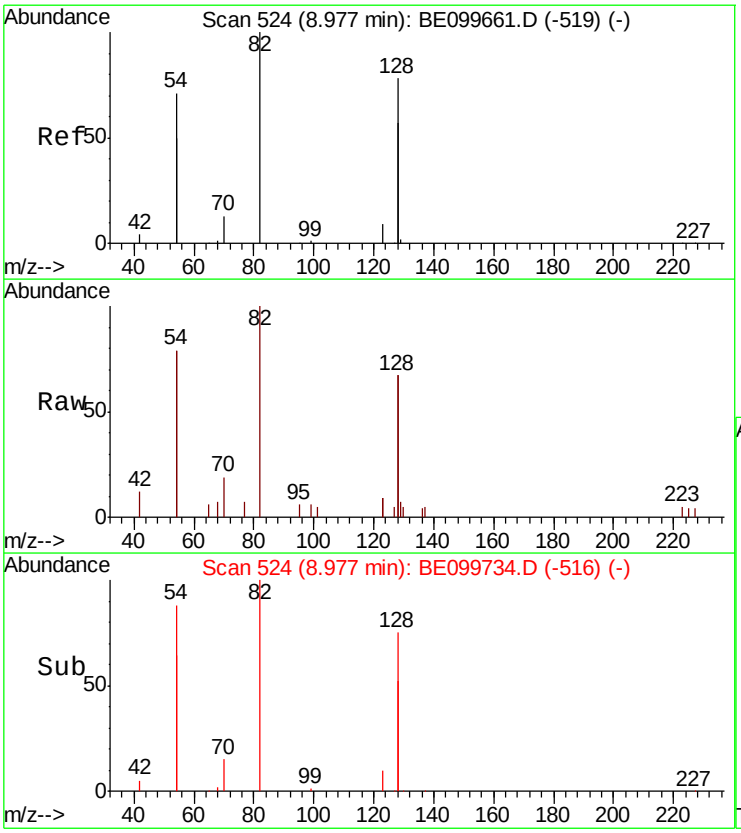
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 5012

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.6
54	22.1	22.3	33.5#
68	6.1	6.0	9.0

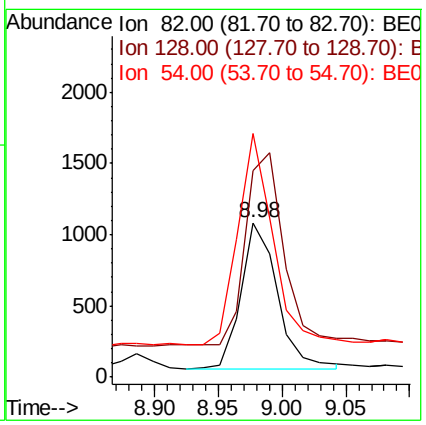


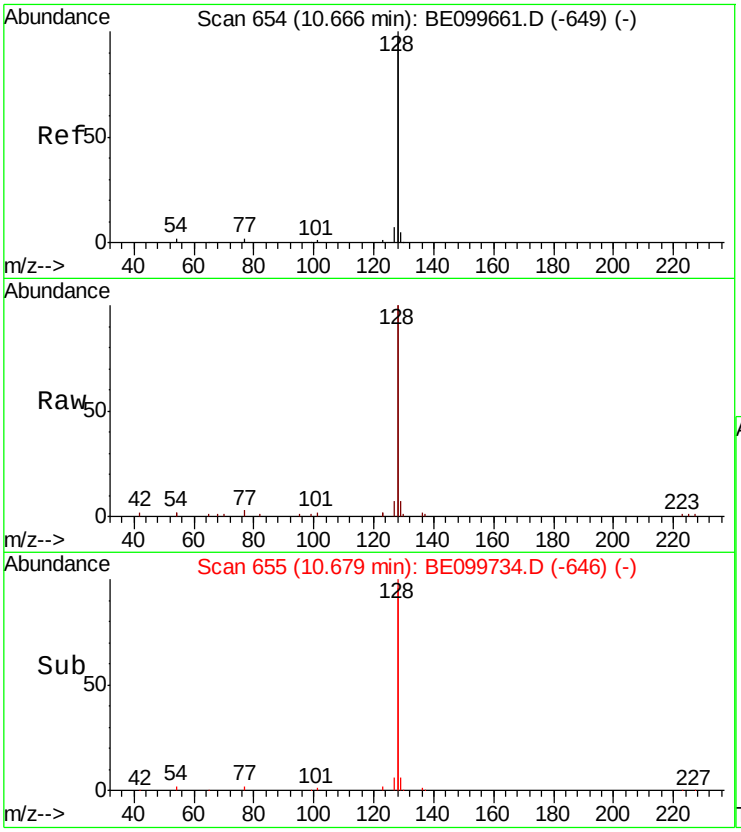


#8
Nitrobenzene-d5
Concen: 0.471 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion: 82 Resp: 2045

Ion	Ratio	Lower	Upper
82	100		
128	134.4	117.7	176.5
54	158.0	106.6	160.0



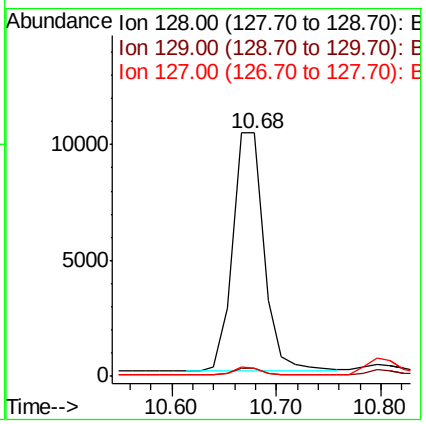


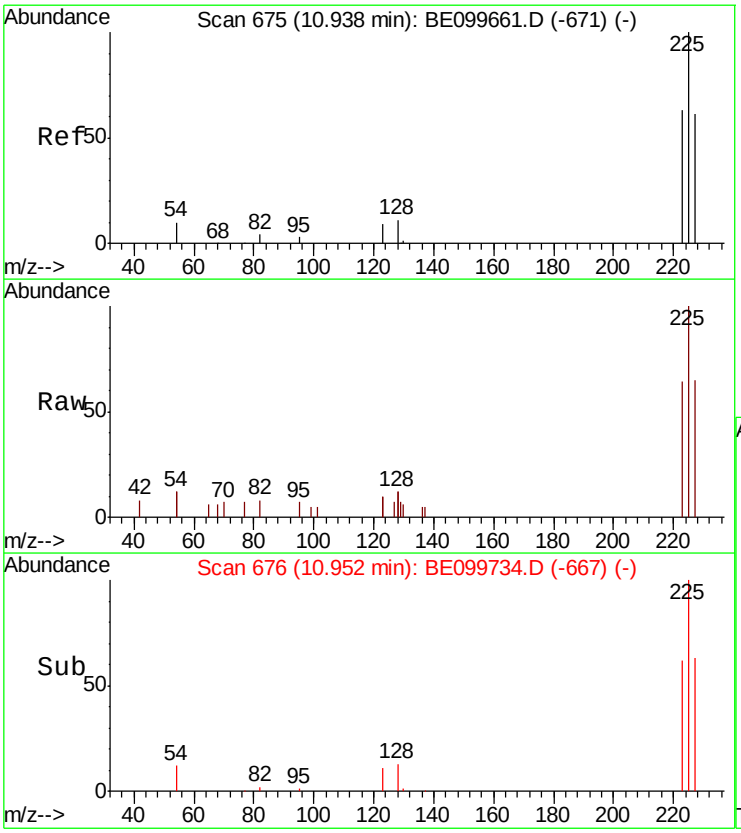
#9
Naphthalene
Concen: 0.405 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 21705

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.4	3.6
127	3.5	2.9	4.3

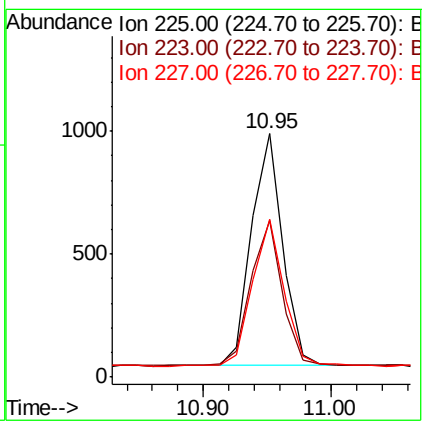


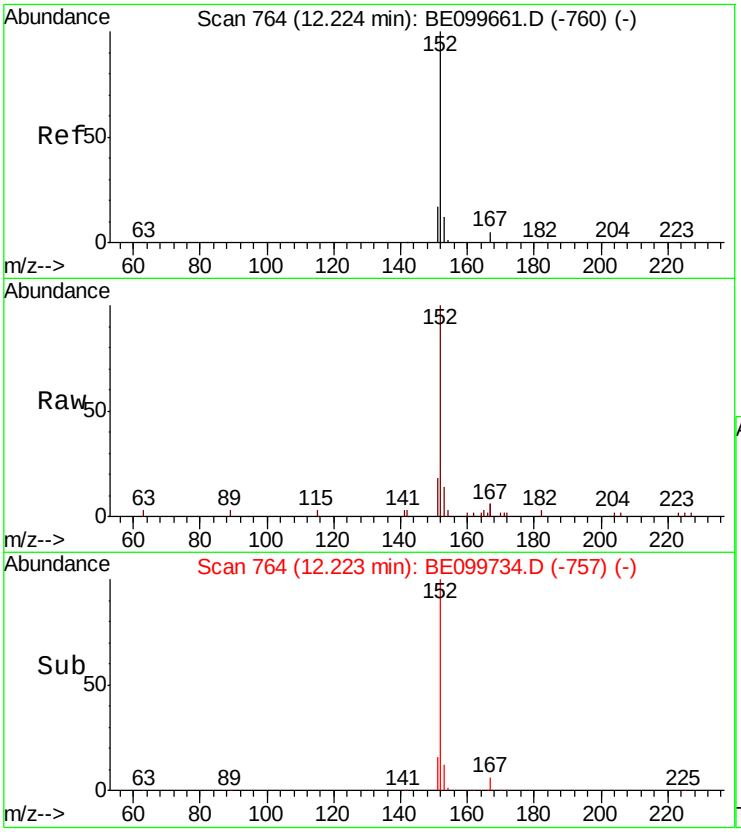


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:225 Resp: 1602

Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.8	77.6
227	63.9	52.6	79.0



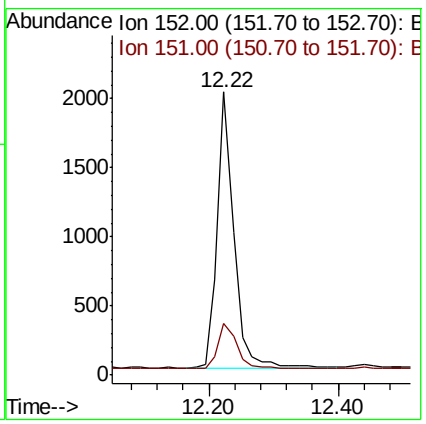


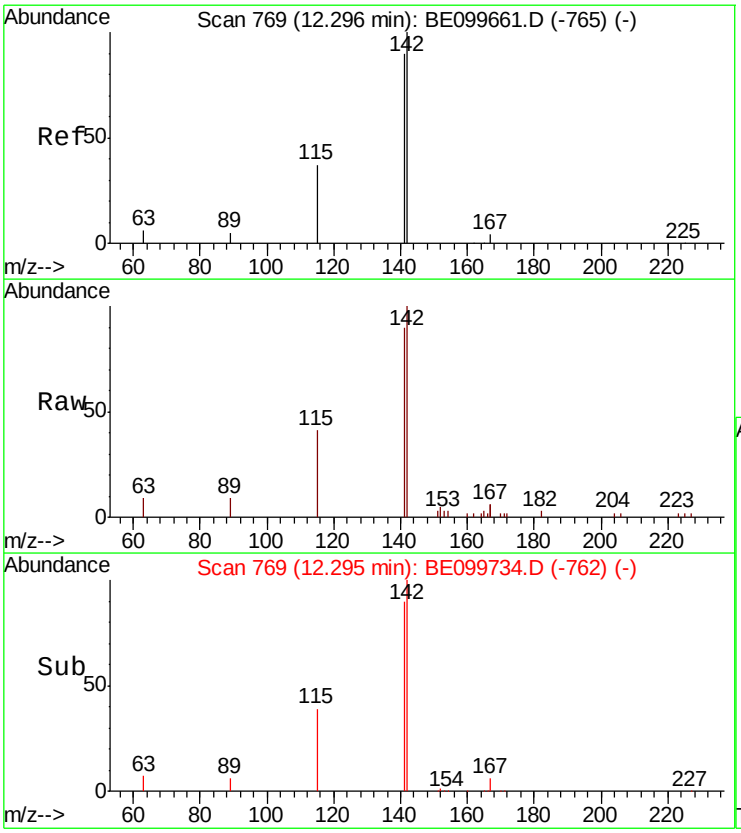
#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3591

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.0	22.4

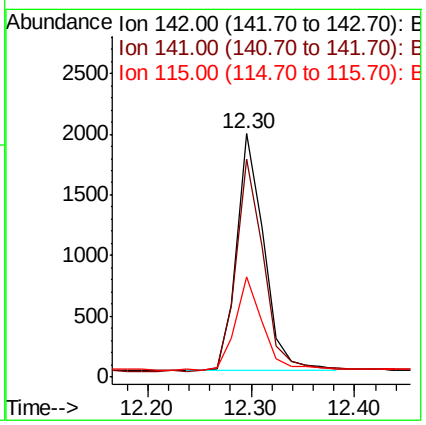


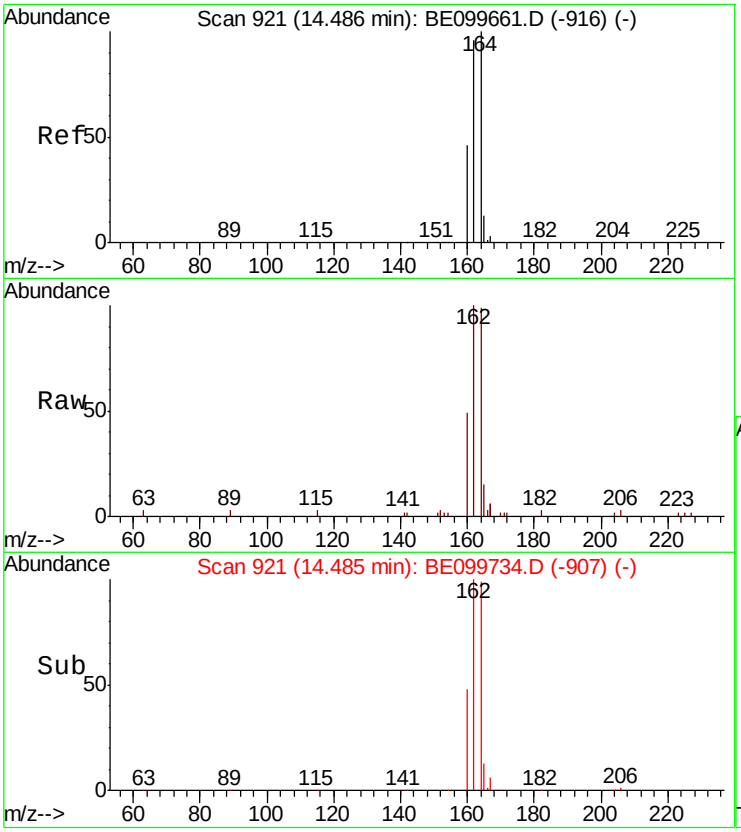


#12
2-Methylnaphthalene
Concen: 0.409 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:142 Resp: 3574

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.0	108.0
115	41.3	31.0	46.4



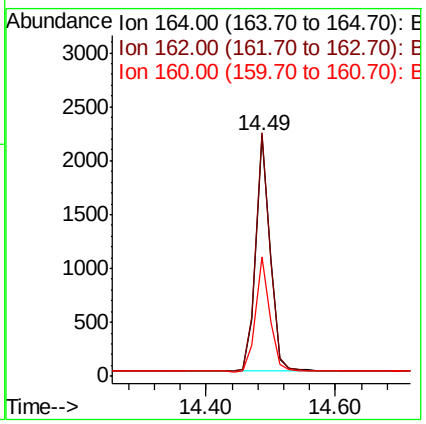


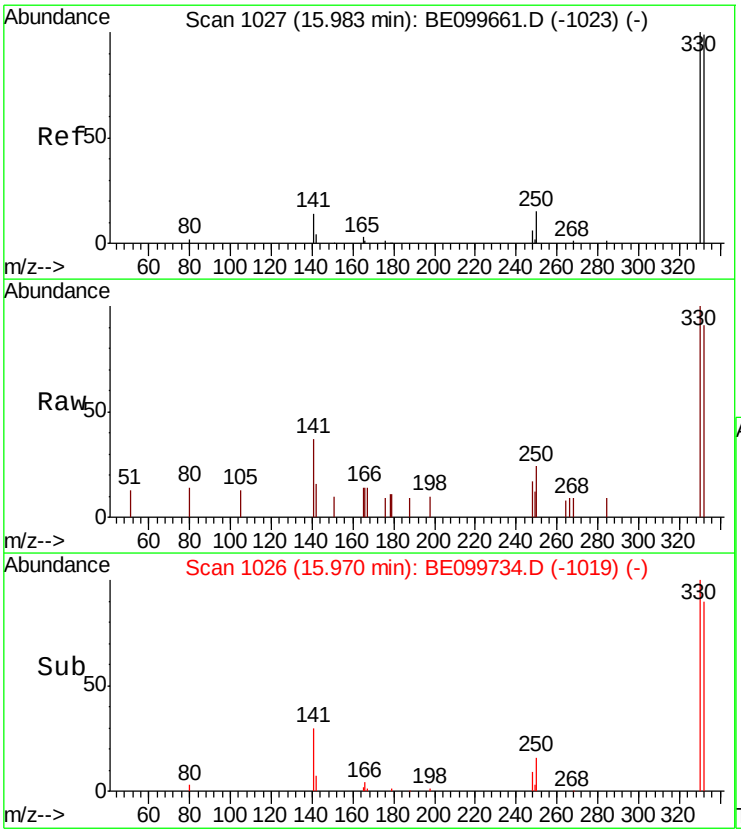
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3373

Ion	Ratio	Lower	Upper
164	100		
162	101.1	76.5	114.7
160	49.6	37.4	56.2

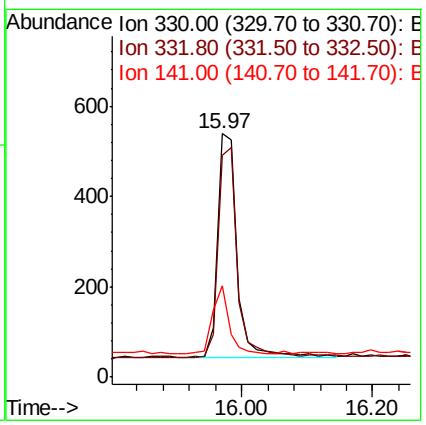


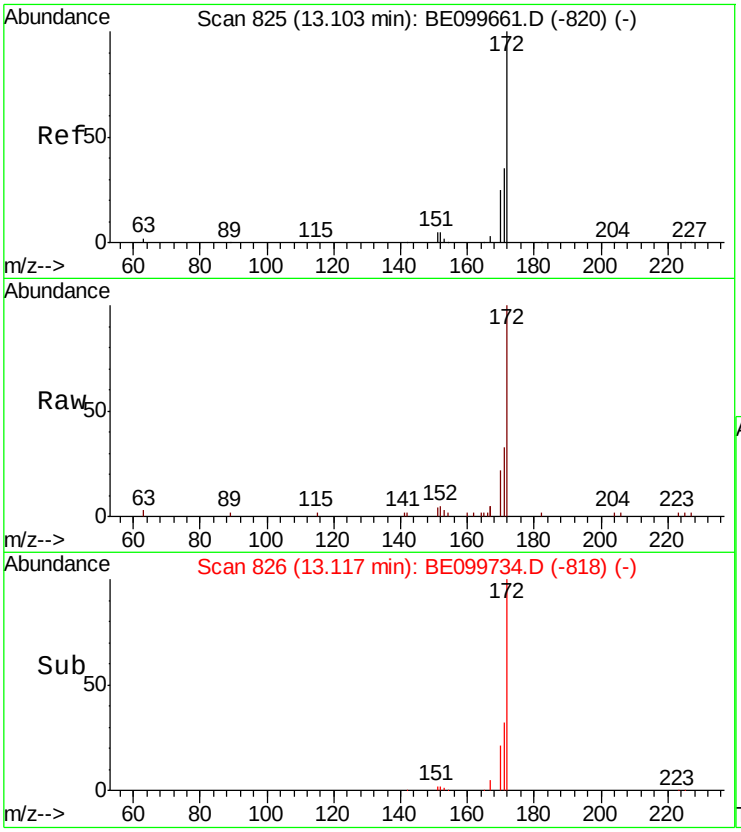


#14
2,4,6-Tribromophenol
Concen: 0.528 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:330 Resp: 1034

Ion	Ratio	Lower	Upper
330	100		
332	92.9	77.3	115.9
141	25.6	18.9	28.3



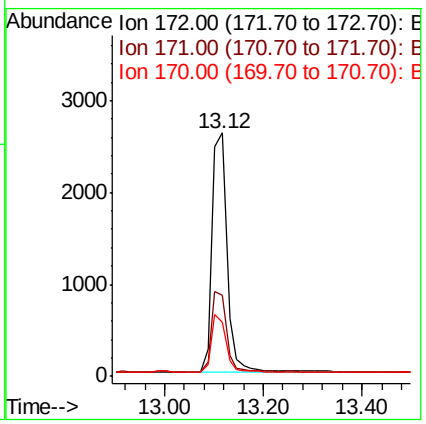


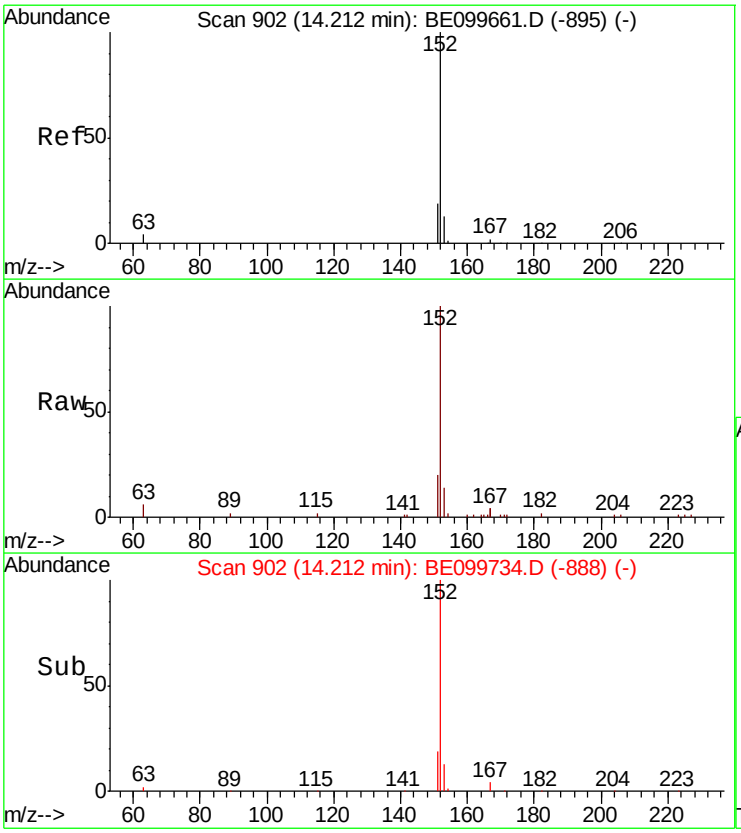
#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5472

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.7	43.1
170	22.1	20.9	31.3

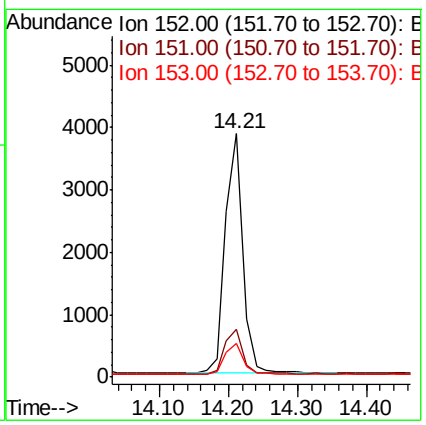


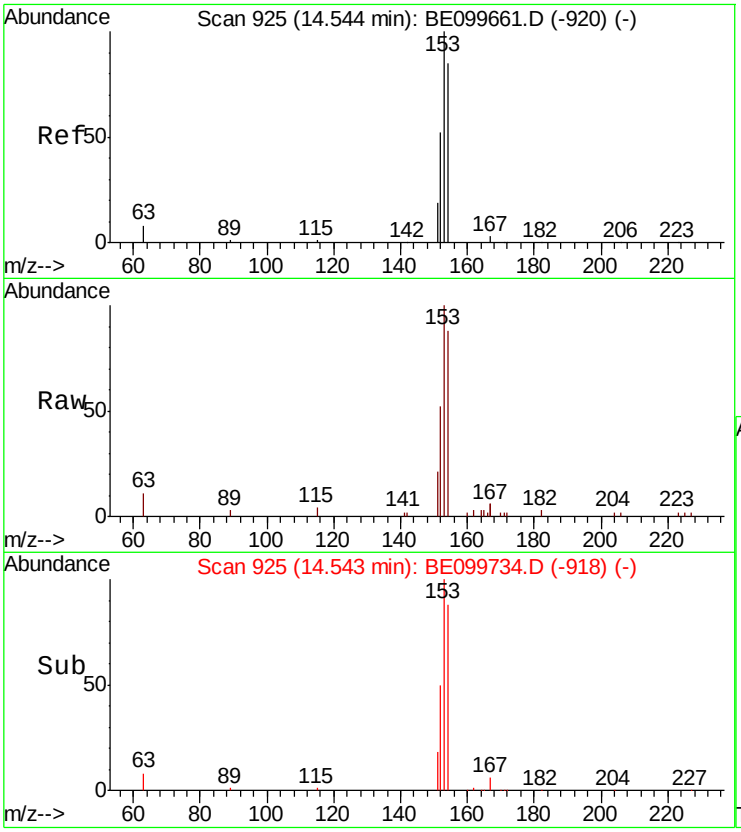


#16
Acenaphthylene
Concen: 0.432 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:152 Resp: 6791

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.0	10.6	16.0



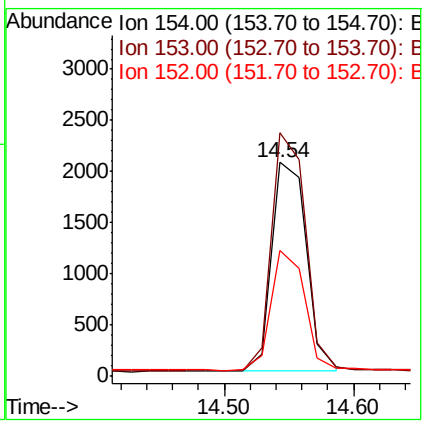


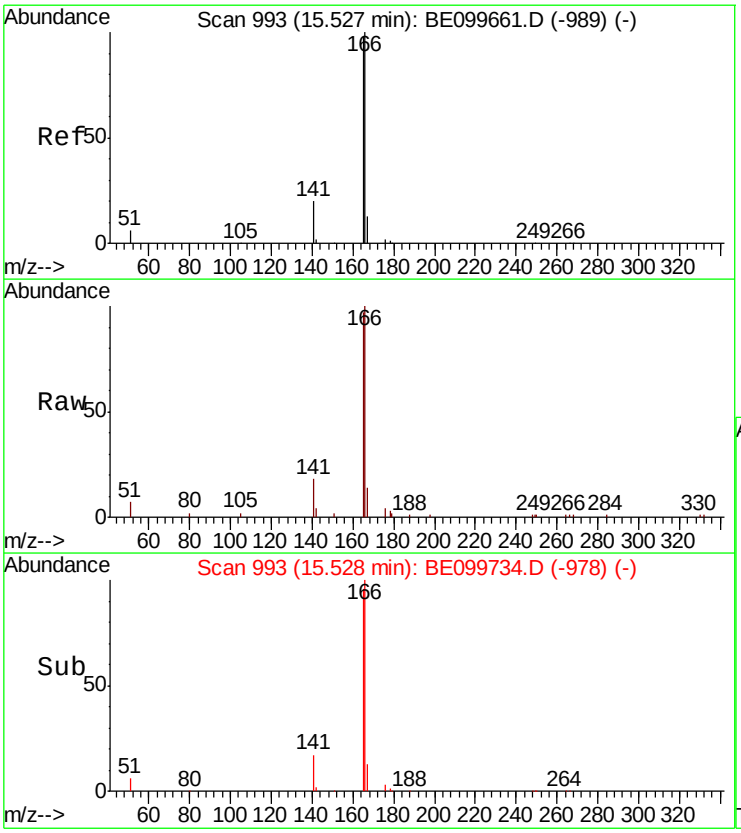
#17
Acenaphthene
Concen: 0.432 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3810

Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.8	137.6
152	55.7	46.0	69.0

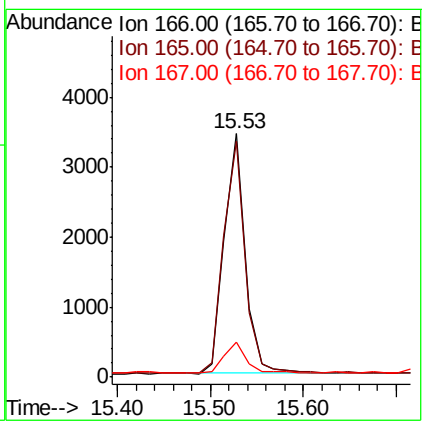


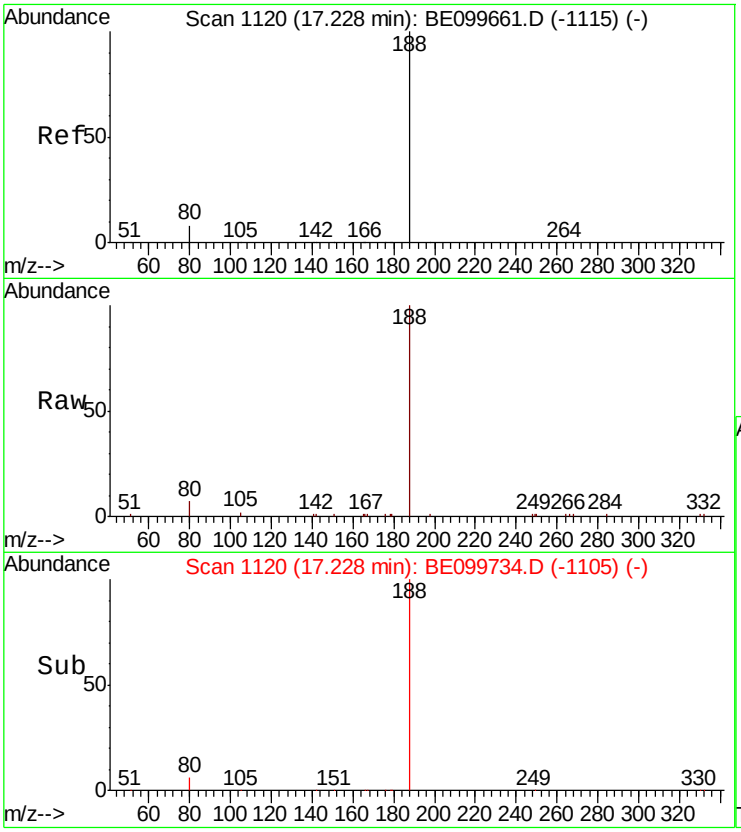


#18
Fluorene
Concen: 0.412 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:166 Resp: 5354

Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.3	120.5
167	13.4	10.6	16.0



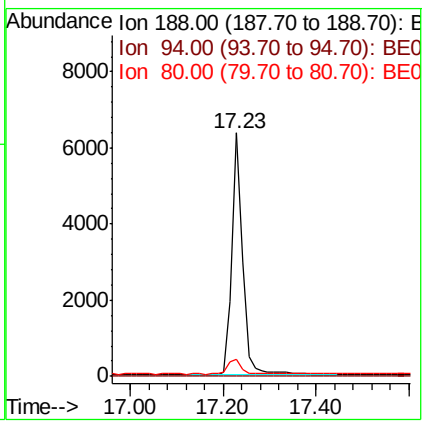


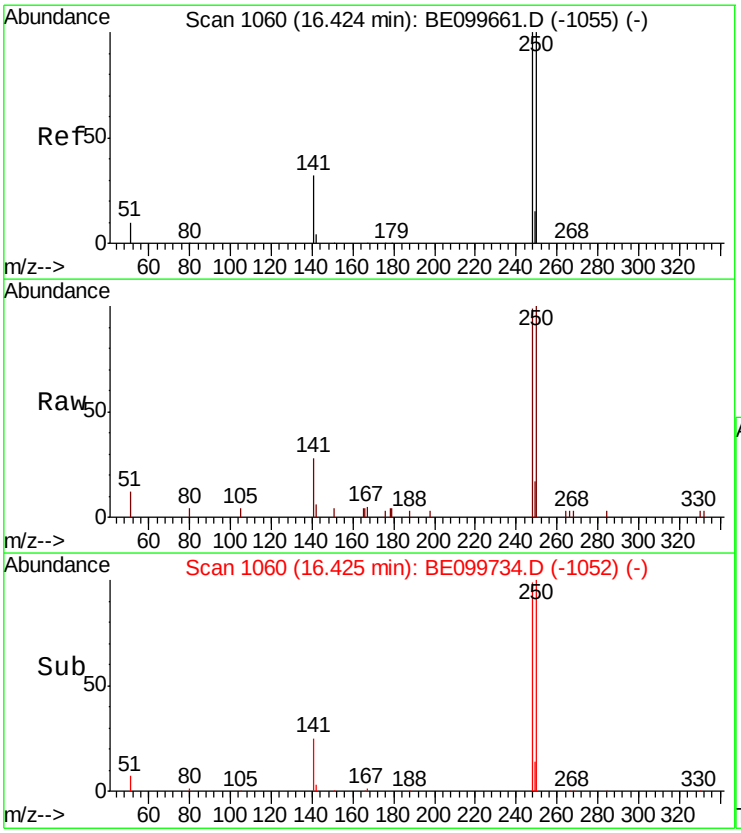
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 9917

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	6.7	10.1

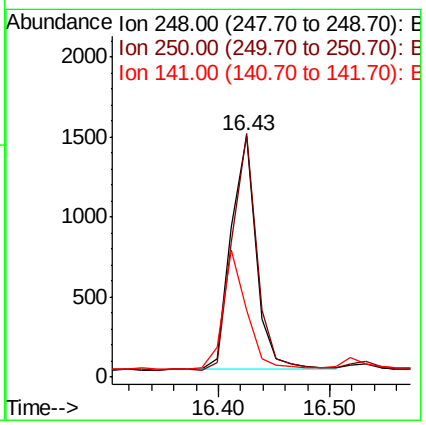


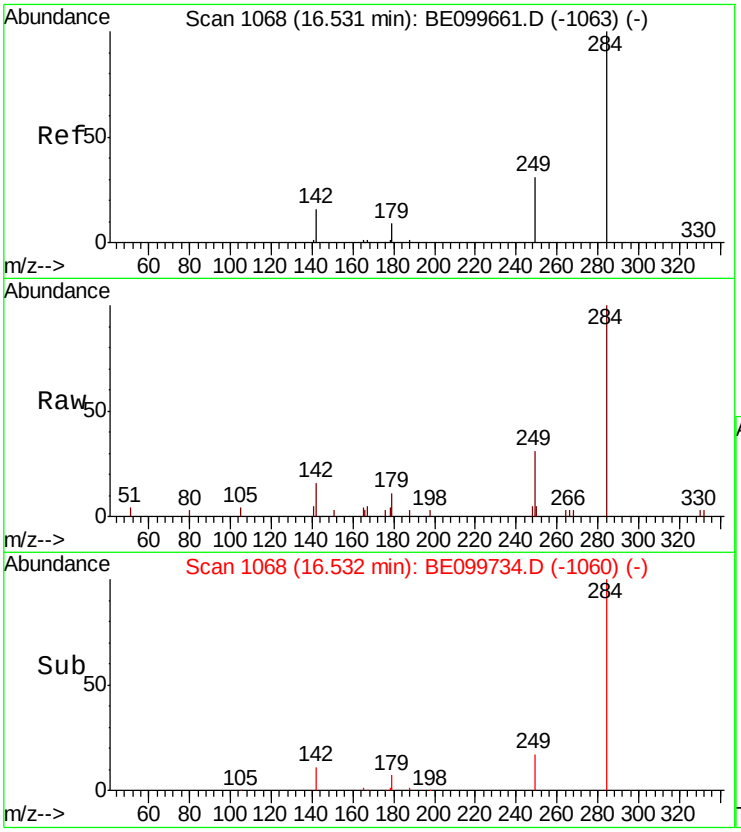


#20
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:248 Resp: 2320

Ion	Ratio	Lower	Upper
248	100		
250	100.8	79.8	119.8
141	27.8	27.0	40.6



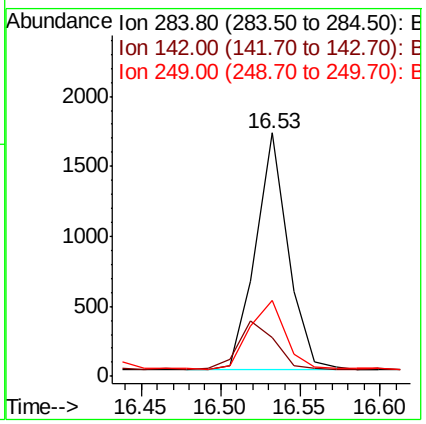


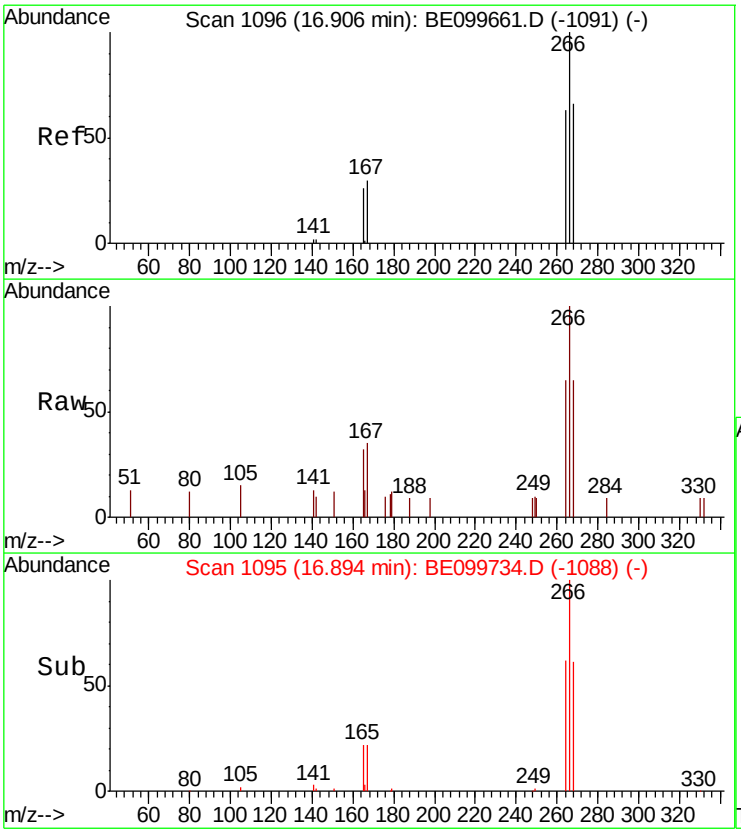
#21
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2399

Ion	Ratio	Lower	Upper
284	100		
142	22.8	17.8	26.6
249	31.1	24.8	37.2

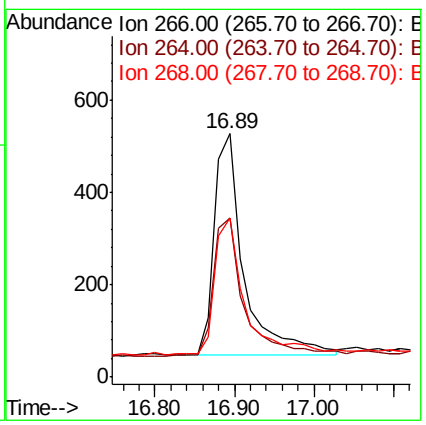


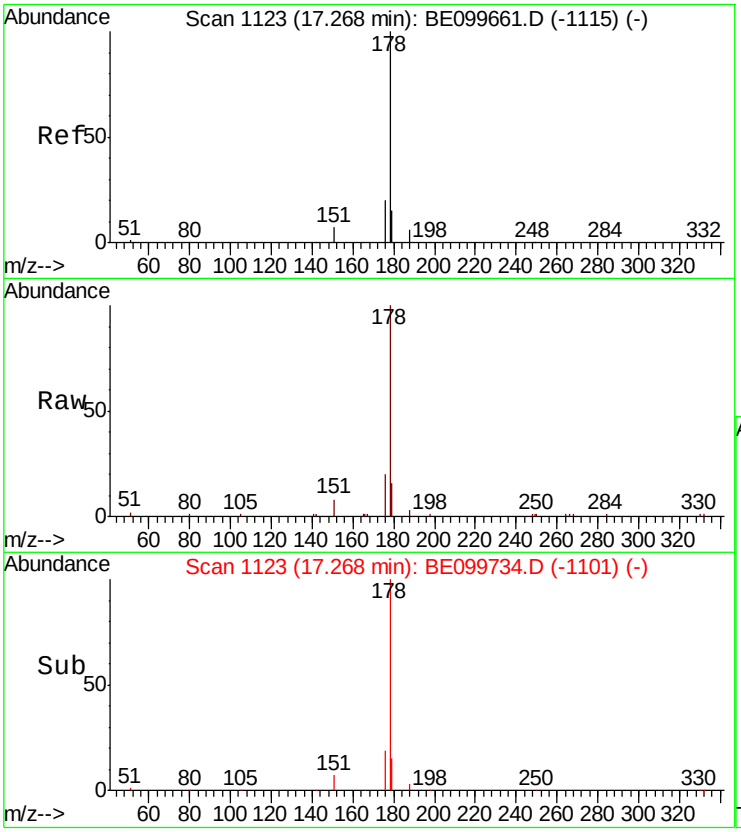


#22
Pentachlorophenol
Concen: 0.829 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:266 Resp: 1236

Ion	Ratio	Lower	Upper
266	100		
264	65.3	57.2	85.8
268	65.3	60.5	90.7



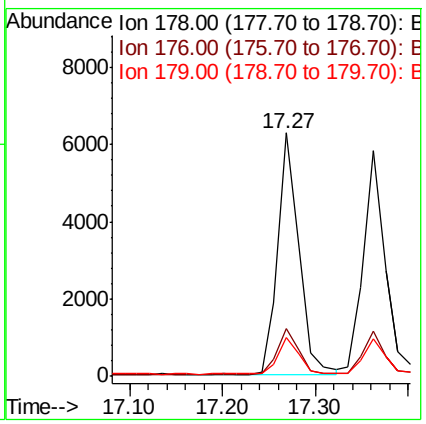


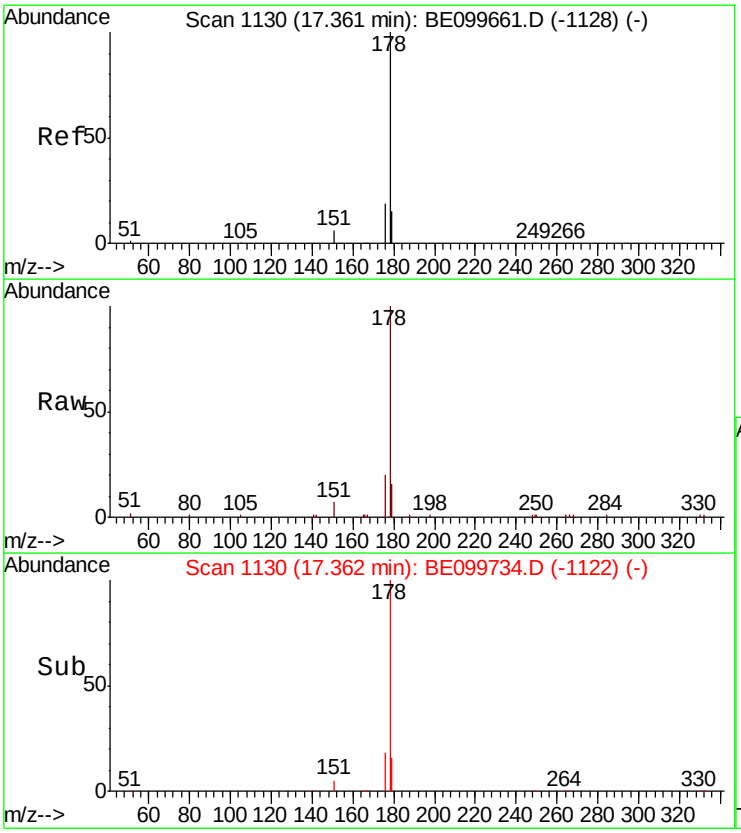
#23
Phenanthrene
Concen: 0.405 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 9820

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.6	12.2	18.4

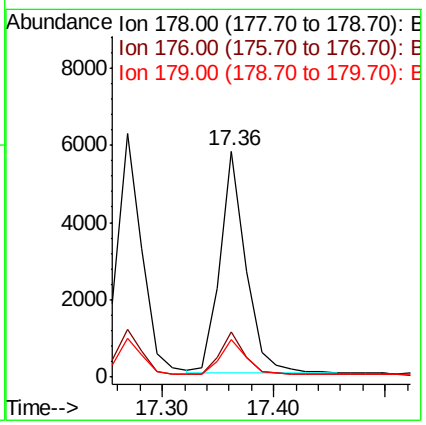


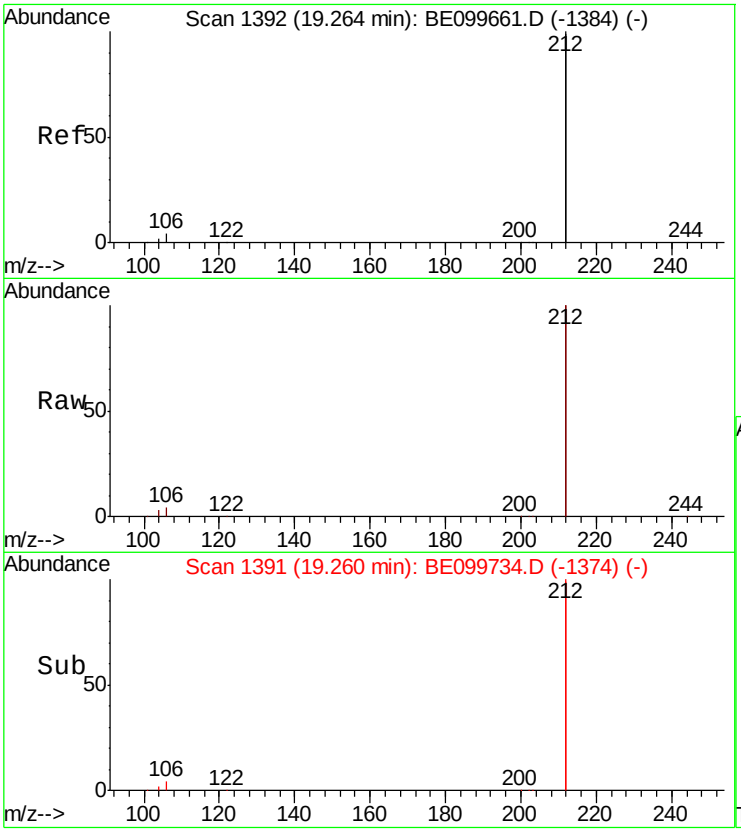


#24
Anthracene
Concen: 0.420 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:178 Resp: 9225

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.1	12.0	18.0



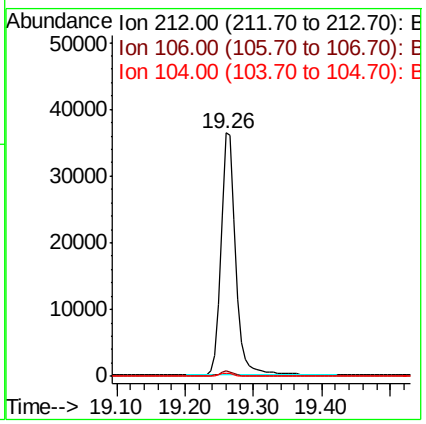


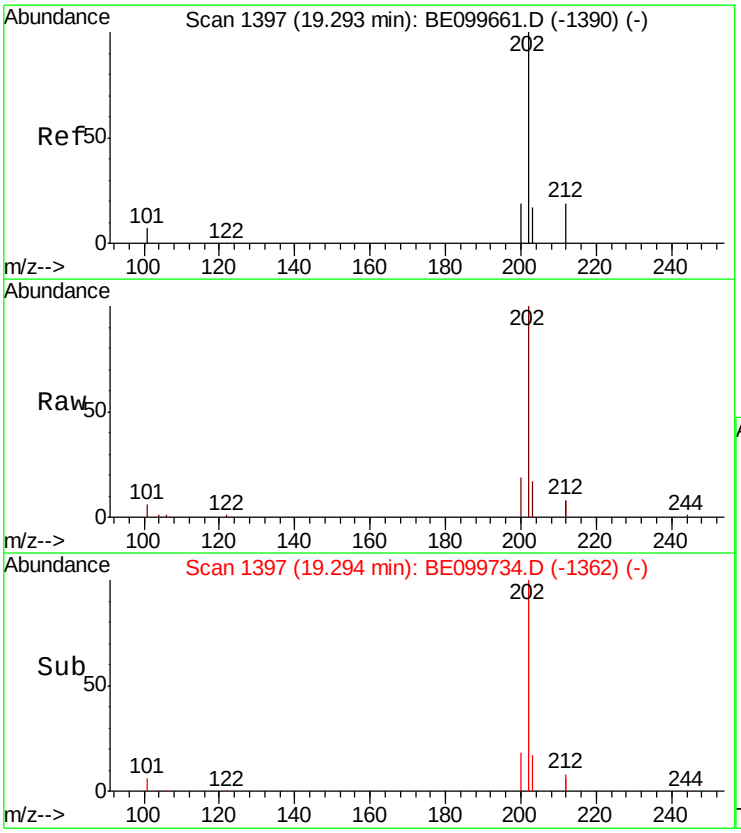
#25
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 54961

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.1	0.8	1.2

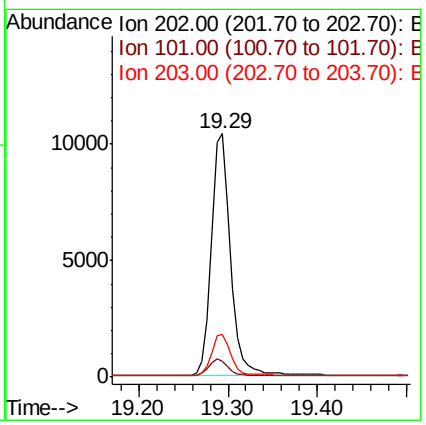


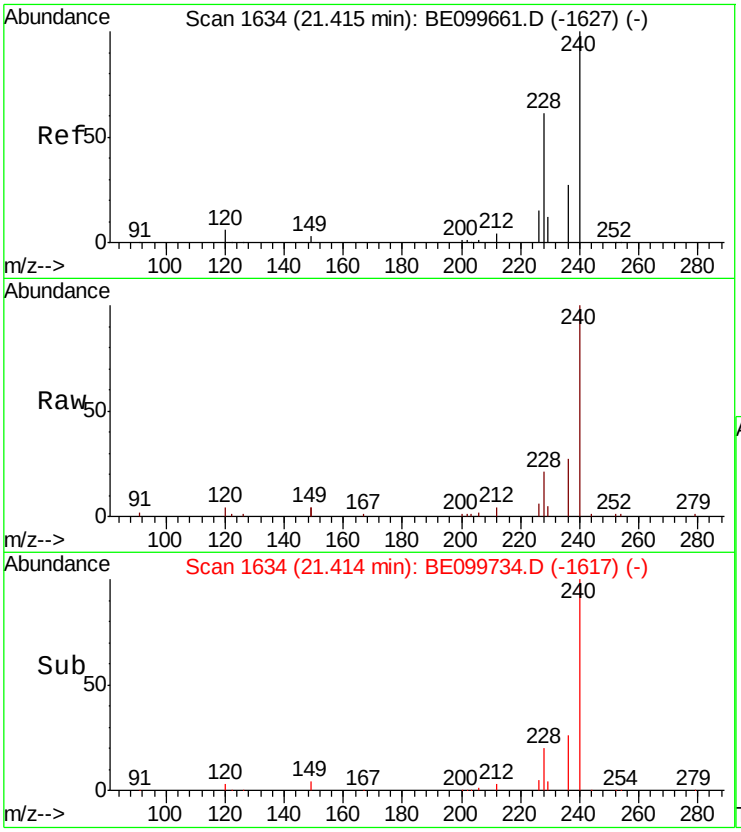


#26
Fluoranthene
Concen: 0.403 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:202 Resp: 15458

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.2	7.8
203	17.0	13.8	20.6



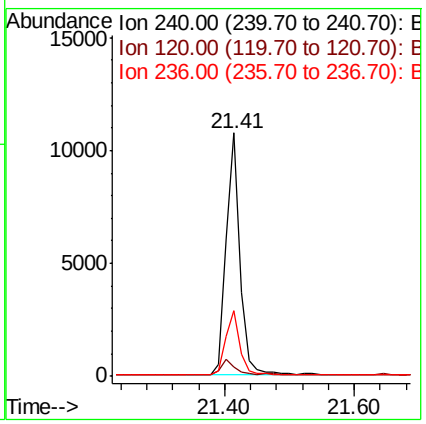


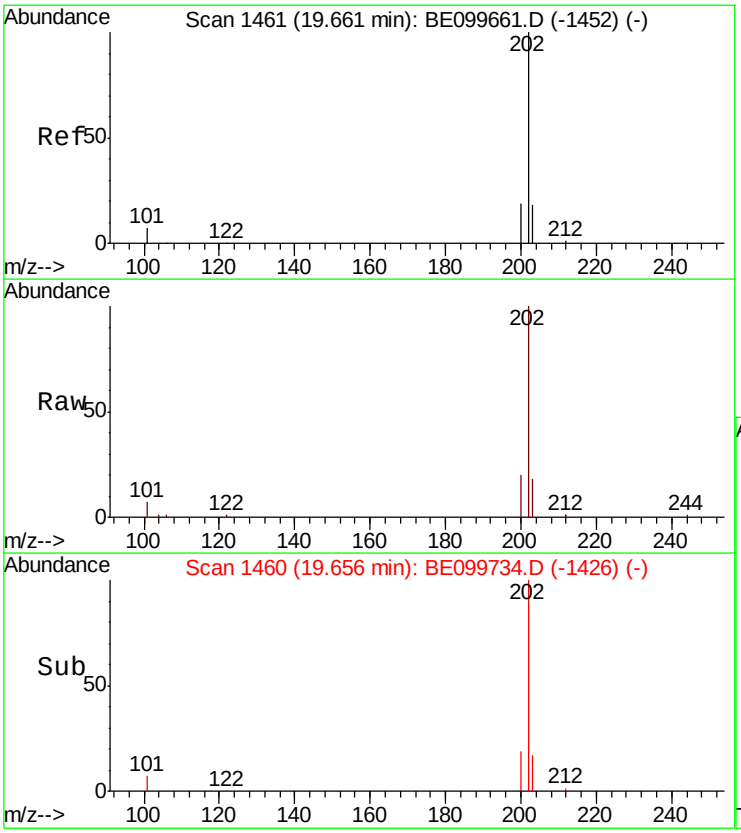
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 16181

Ion	Ratio	Lower	Upper
240	100		
120	3.8	5.4	8.0#
236	27.0	21.7	32.5

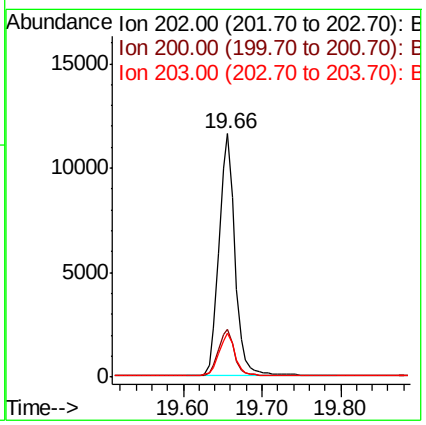


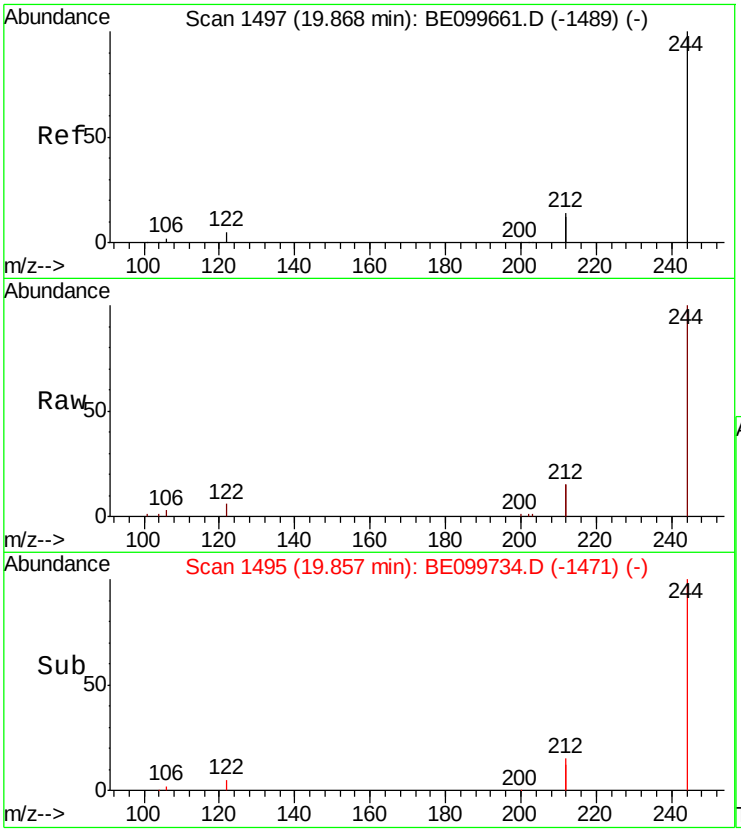


#28
Pyrene
Concen: 0.400 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:202 Resp: 16254

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.4	23.2
203	17.7	13.8	20.8



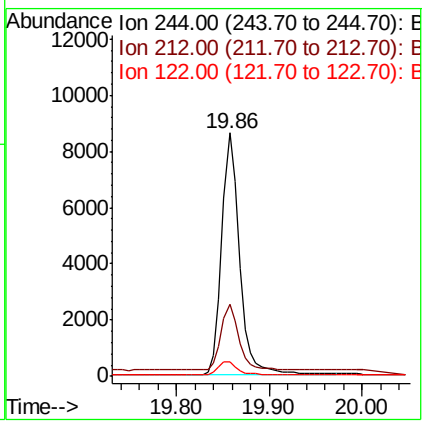


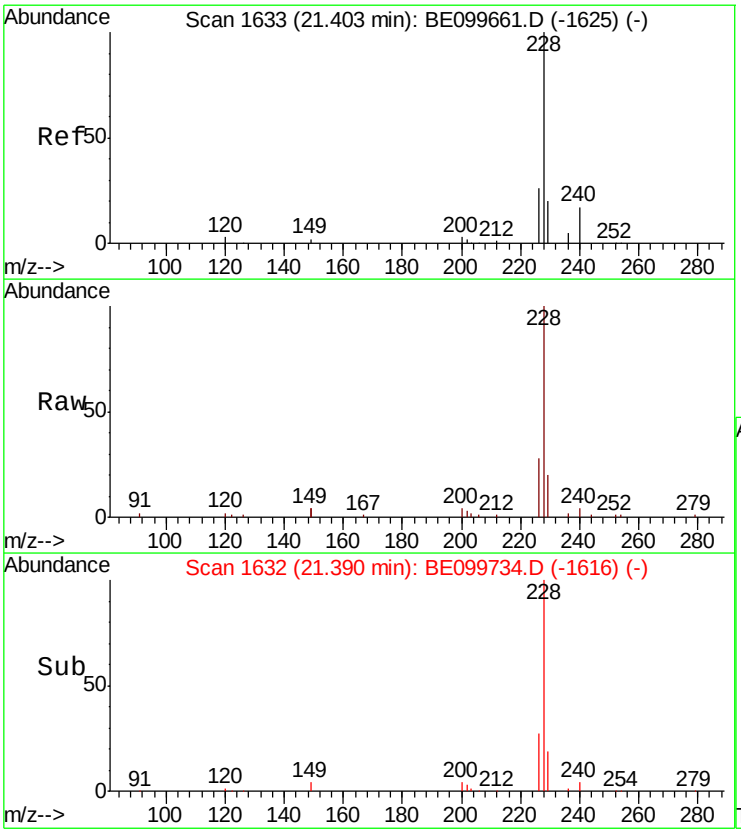
#29
Terphenyl-d14
Concen: 0.395 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 11403

Ion	Ratio	Lower	Upper
244	100		
212	29.8	22.5	33.7
122	6.0	4.3	6.5

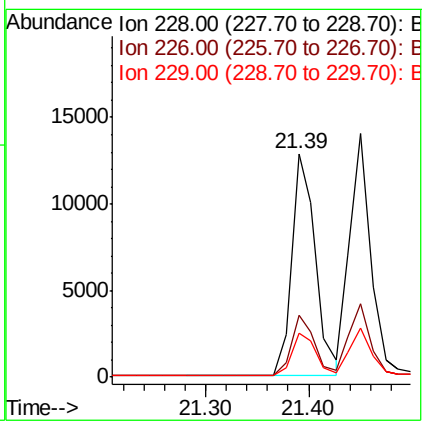


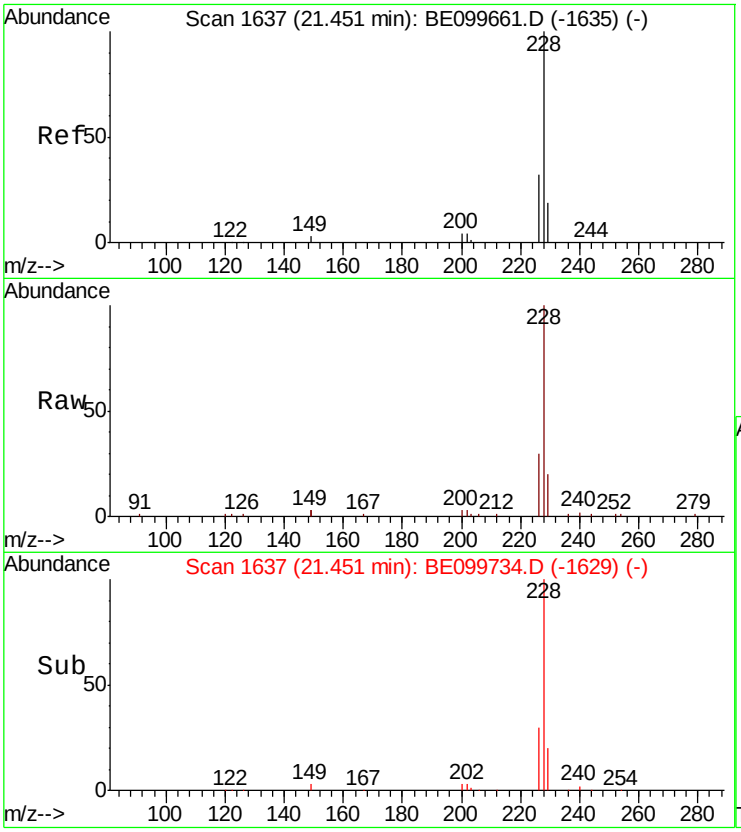


#30
Benzo(a)anthracene
Concen: 0.449 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:228 Resp: 20623

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.3	31.9
229	19.8	16.1	24.1



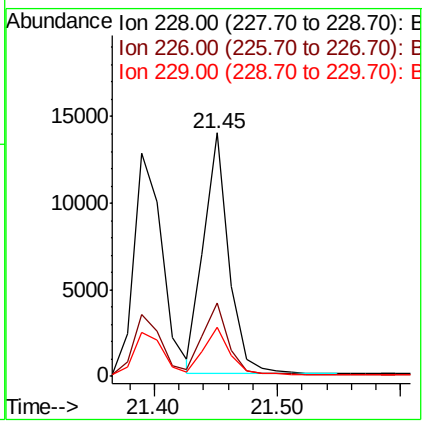


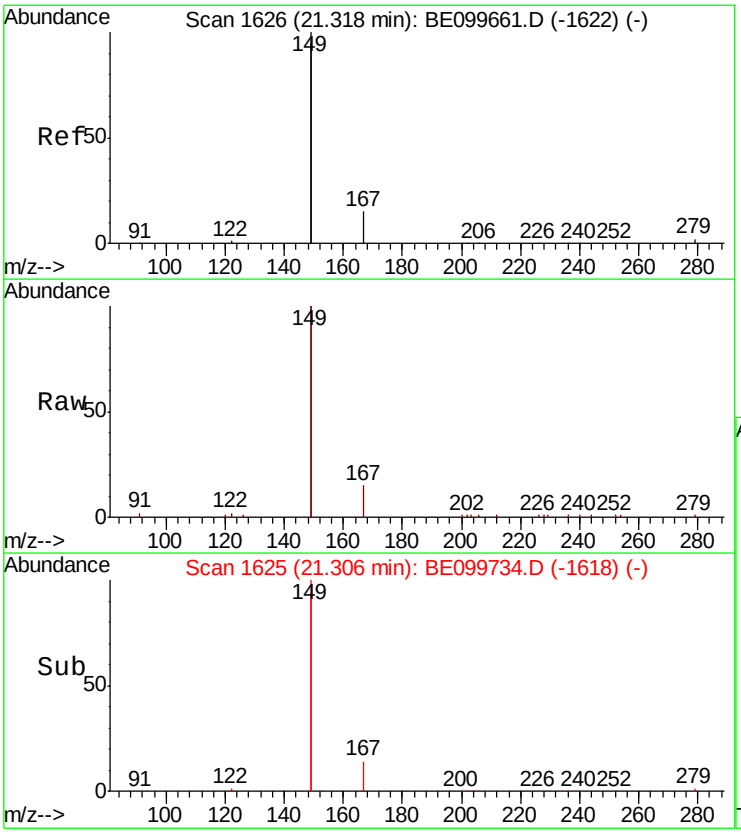
#31
Chrysene
Concen: 0.402 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 19776

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	20.3	15.8	23.6

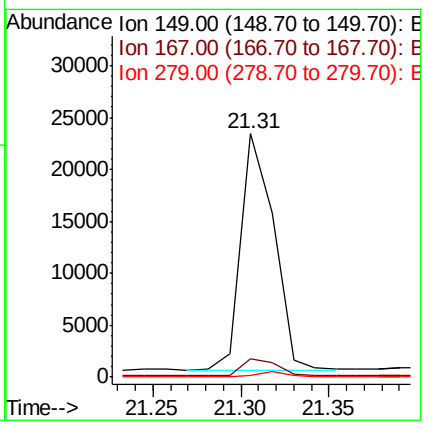


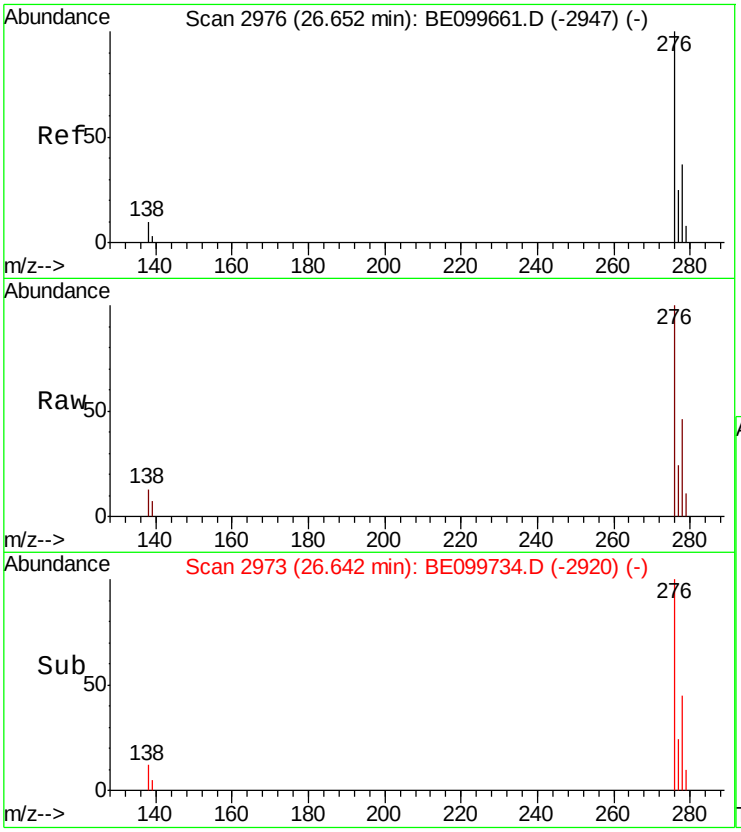


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.557 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:149 Resp: 29528

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.2	9.4
279	1.5	1.2	1.8



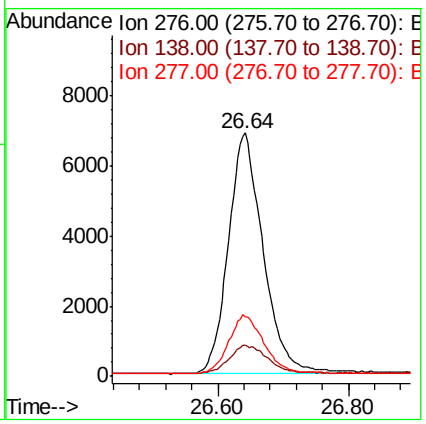


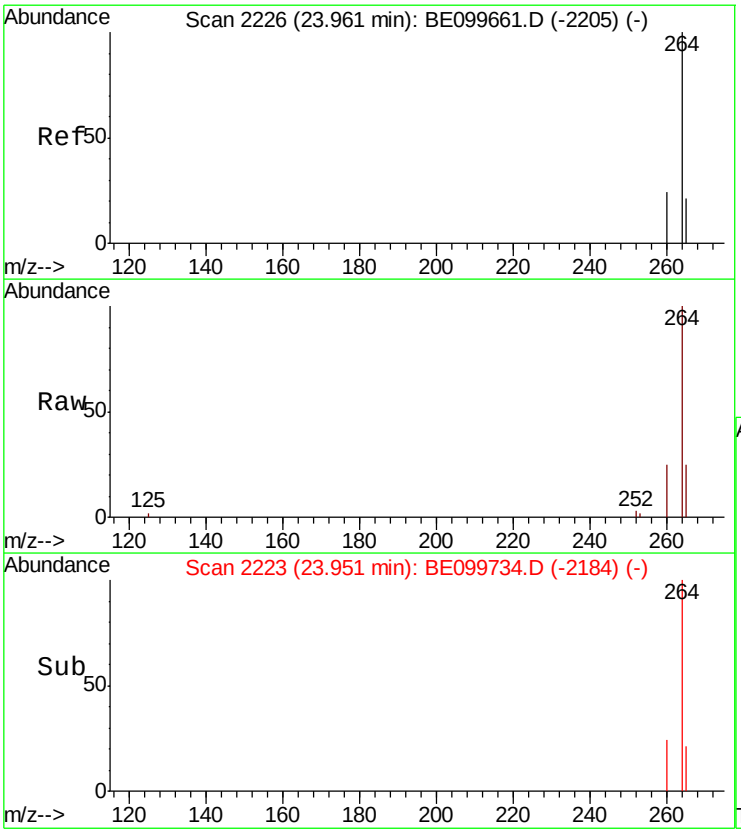
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.429 ng
RT: 26.64 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 25440

Ion	Ratio	Lower	Upper
276	100		
138	12.6	9.6	14.4
277	24.8	19.2	28.8

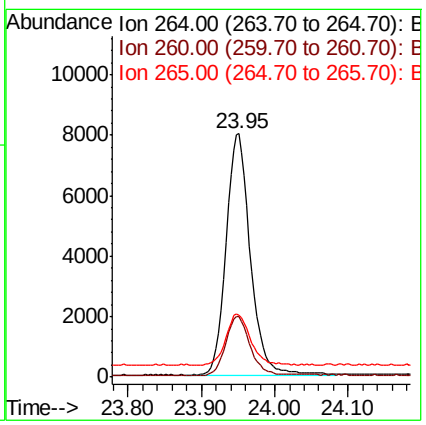


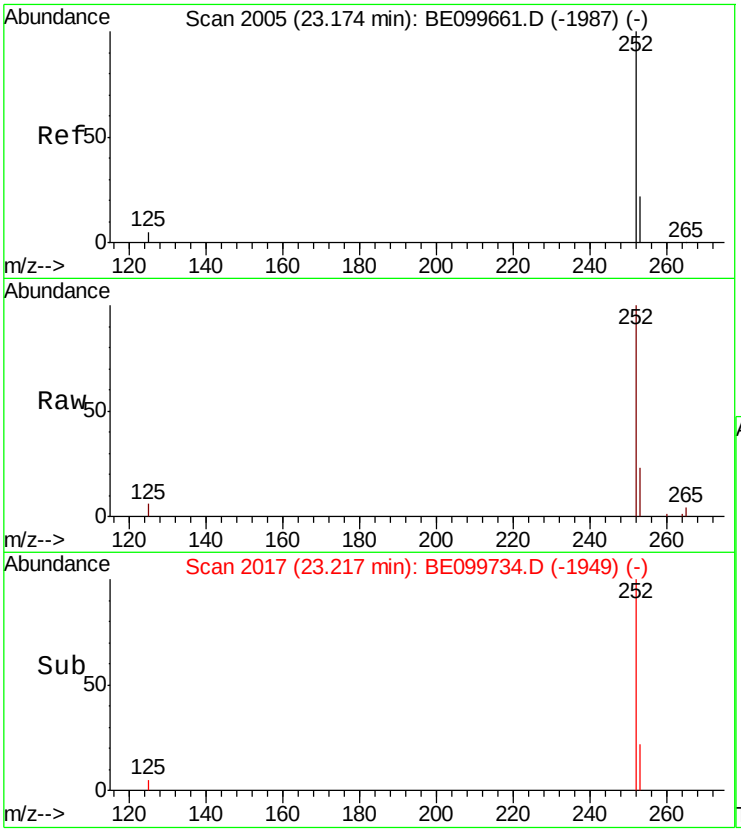


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:264 Resp: 18502

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	25.2	19.1	28.7



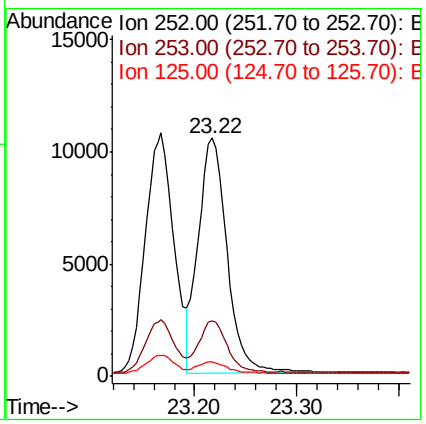


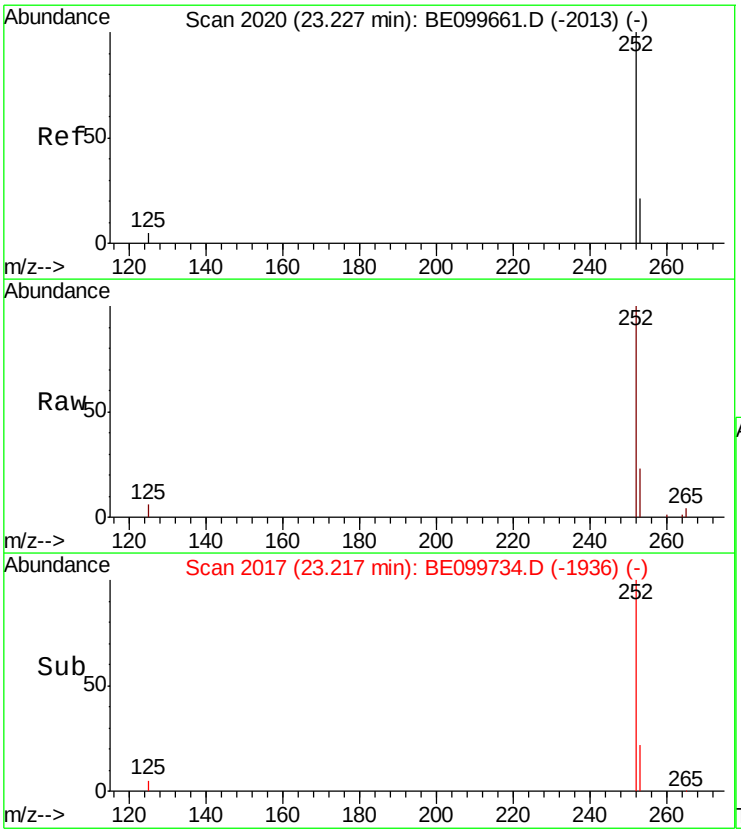
#35
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 23.22 min Scan# 2017
Delta R.T. 0.04 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 20484

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	6.0	4.5	6.7

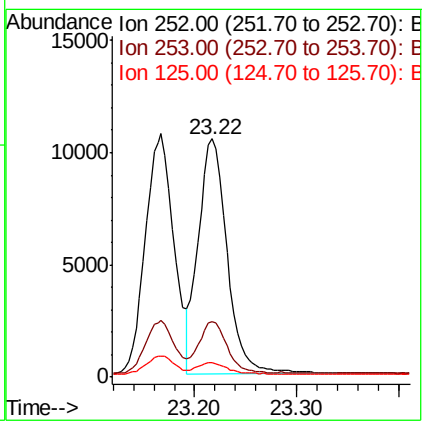


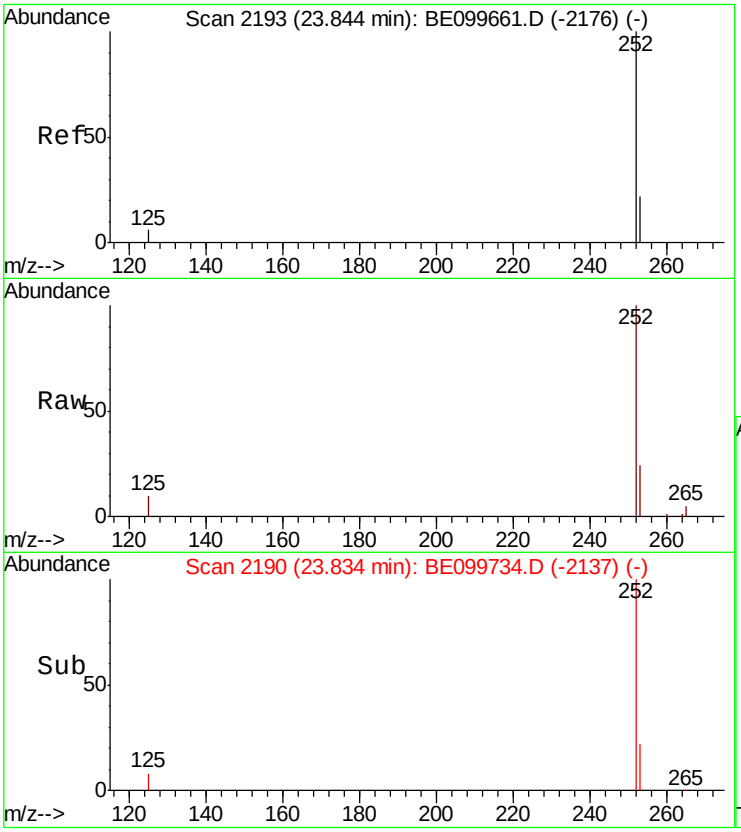


#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 23.22 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:252 Resp: 20484

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	6.0	4.6	6.8



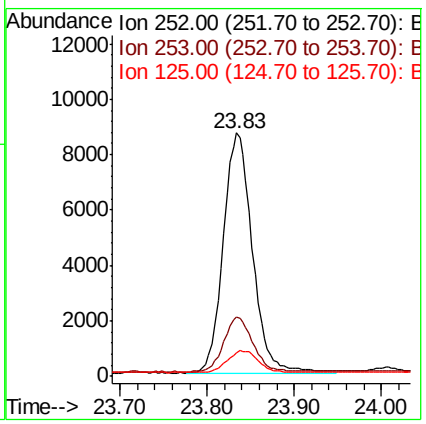


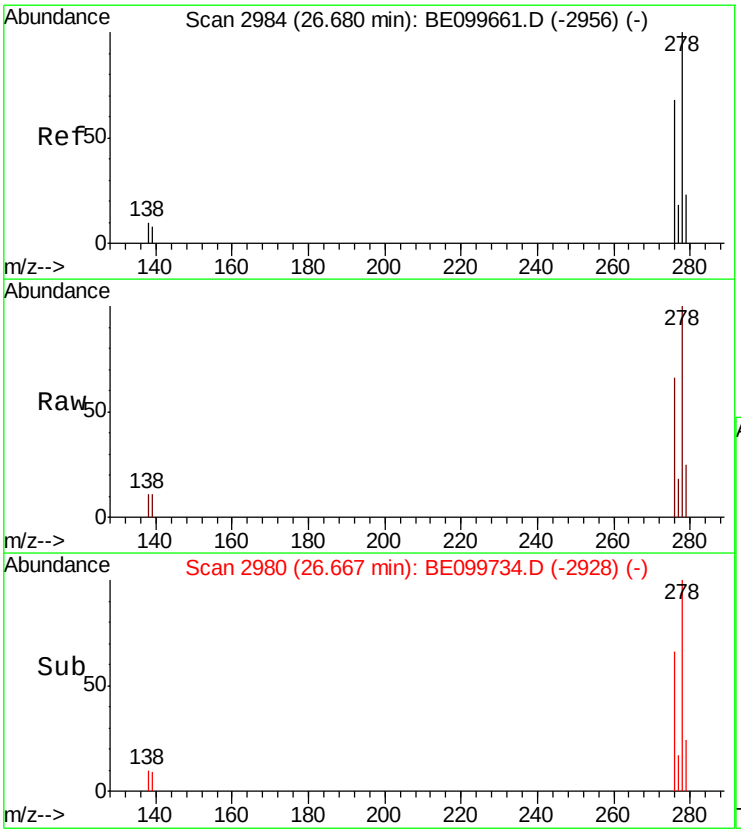
#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 20093

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	9.5	5.4	8.0#

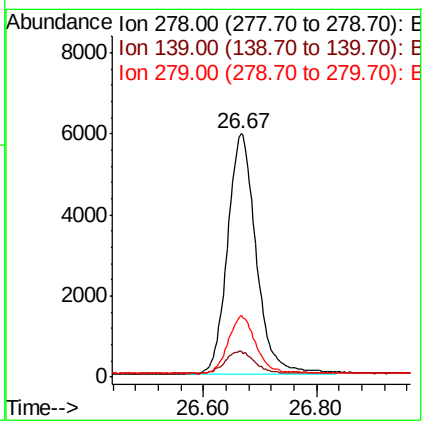


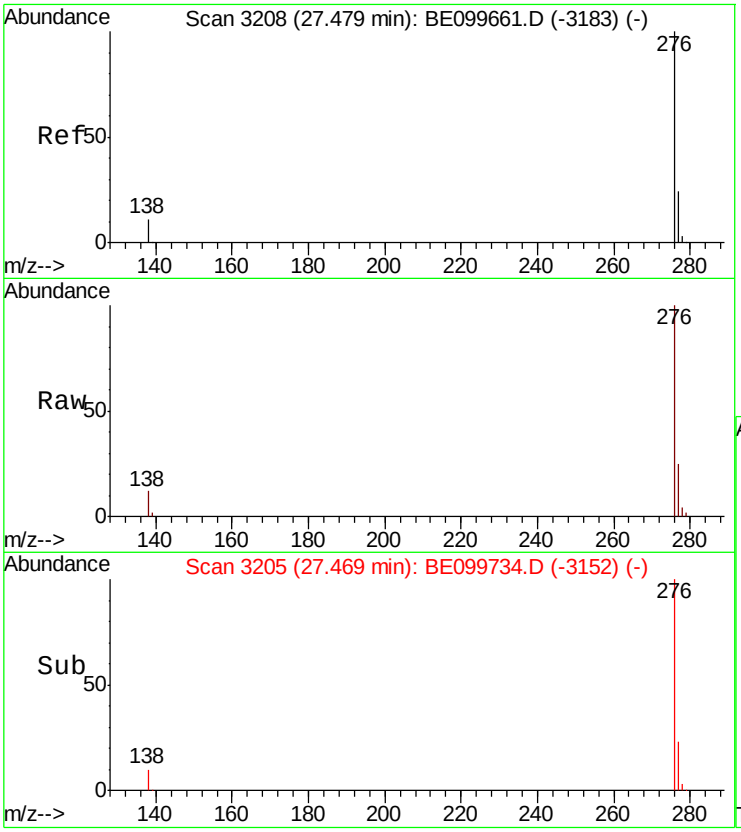


#38
Dibenzo(a,h)anthracene
Concen: 0.408 ng
RT: 26.67 min Scan# 2980
Delta R.T. -0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Tgt Ion:278 Resp: 20927

Ion	Ratio	Lower	Upper
278	100		
139	10.6	6.9	10.3#
279	25.3	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.406 ng
RT: 27.47 min Scan# 3205
Delta R.T. -0.01 min
Lab File: BE099734.D
Acq: 23 May 2019 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 20979

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.6
138	11.9	9.2	13.8