Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
Data File : BE100139.D
Acq On : 21 Jun 2019 16:51
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 22 02:03:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	484	0.40	ng		-0.01
7) Naphthalene-d8	10.52	136	2002	0.40	ng		-0.01
13) Acenaphthene-d10	14.40	164	1889	0.40	ng		-0.01
19) Phenanthrene-d10	17.15	188	6600	0.40	ng		-0.01
27) Chrysene-d12	21.34	240	7845	0.40	ng		0.00
34) Perylene-d12	23.83	264	8831	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	570	0.57	ng		-0.01
5) Phenol-d6	6.92	99	795	0.58	ng		-0.01
8) Nitrobenzene-d5	8.90	82	784	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	1680	0.44	ng		-0.01
14) 2,4,6-Tribromophenol	15.90	330	476	0.46	ng		-0.01
15) 2-Fluorobiphenyl	13.03	172	2898	0.39	ng		-0.01
25) Fluoranthene-d10	19.19	212	36424	0.39	ng		0.00
29) Terphenyl-d14	19.79	244	7383	0.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	330	0.425	ng	#	83
3) n-Nitrosodimethylamine	3.55	42	129	0.594	ng	#	100
6) bis(2-Chloroethyl)ether	7.16	93	551	0.421	ng	#	65
9) Naphthalene	10.58	128	8732	0.401	ng		100
10) Hexachlorobutadiene	10.85	225	746	0.349	ng		95
12) 2-Methylnaphthalene	12.21	142	1607	0.449	ng		98
16) Acenaphthylene	14.13	152	3754	0.419	ng		99
17) Acenaphthene	14.47	154	2096	0.418	ng		98
18) Fluorene	15.45	166	3290	0.441	ng		99
20) 4-Bromophenyl-phenylether	16.34	248	1578	0.402	ng	#	89
21) Hexachlorobenzene	16.45	284	1636	0.378	ng		98
22) Pentachlorophenol	16.83	266	372	0.507	ng		86
23) Phenanthrene	17.20	178	6166	0.390	ng		99
24) Anthracene	17.29	178	5373	0.403	ng		97
26) Fluoranthene	19.22	202	9641	0.380	ng		99
28) Pyrene	19.59	202	9954	0.494	ng		99
30) Benzo(a)anthracene	21.33	228	9833	0.421	ng		97
31) Chrysene	21.38	228	10887	0.401	ng		99
32) Bis(2-ethylhexyl)phthalate	21.25	149	15851	0.720	ng		100
33) Indeno(1,2,3-cd)pyrene	26.47	276	10258	0.336	ng	#	96
35) Benzo(b)fluoranthene	23.07	252	9670	0.373	ng		97
36) Benzo(k)fluoranthene	23.11	252	10510	0.357	ng		99
37) Benzo(a)pyrene	23.72	252	9301	0.372	ng		96
38) Dibenzo(a,h)anthracene	26.49	278	7521	0.293	ng		97
39) Benzo(g,h,i)perylene	27.28	276	9633	0.362	ng		98

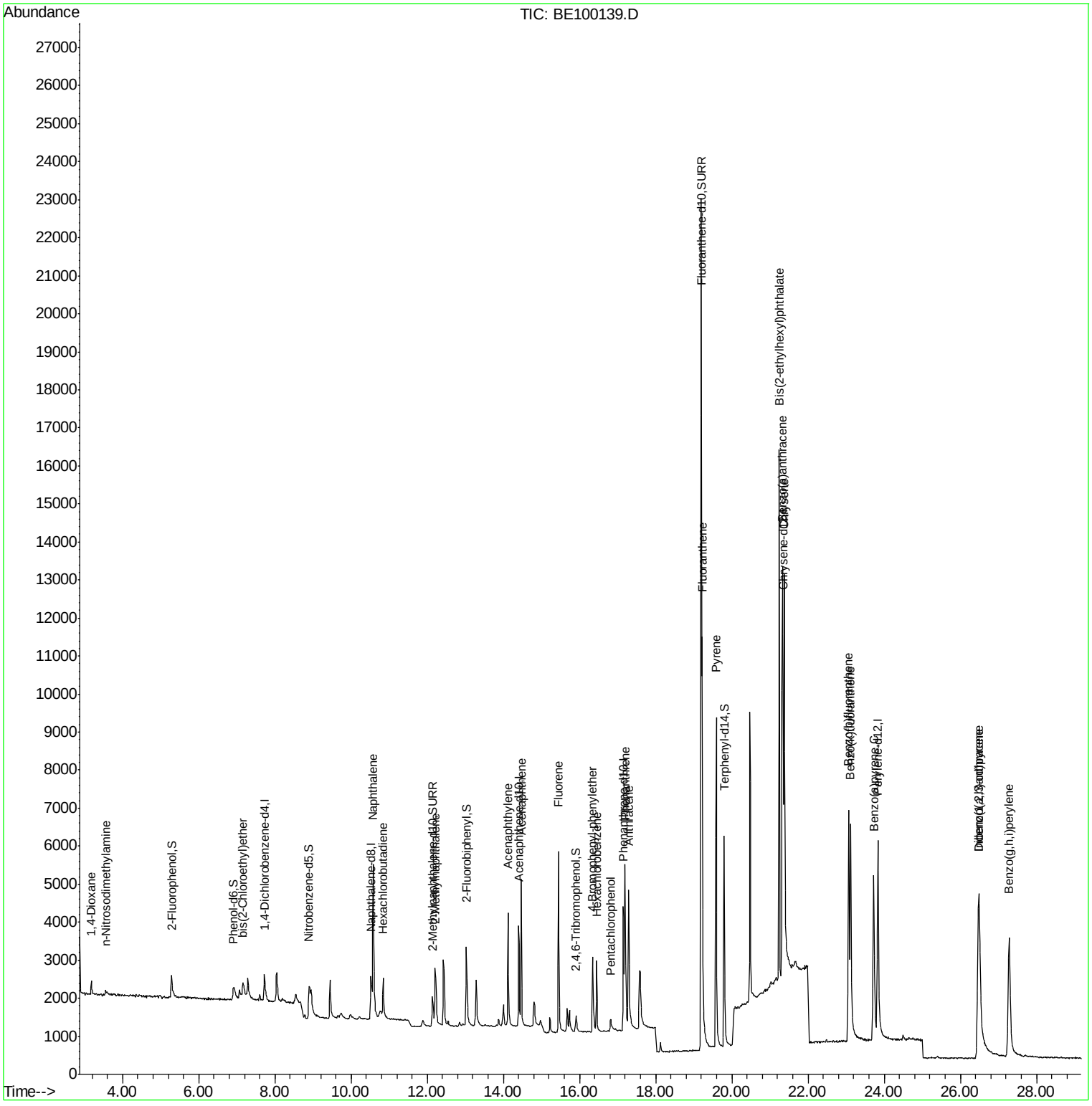
(#) = qualifier out of range (m) = manual integration (+) = signals summed

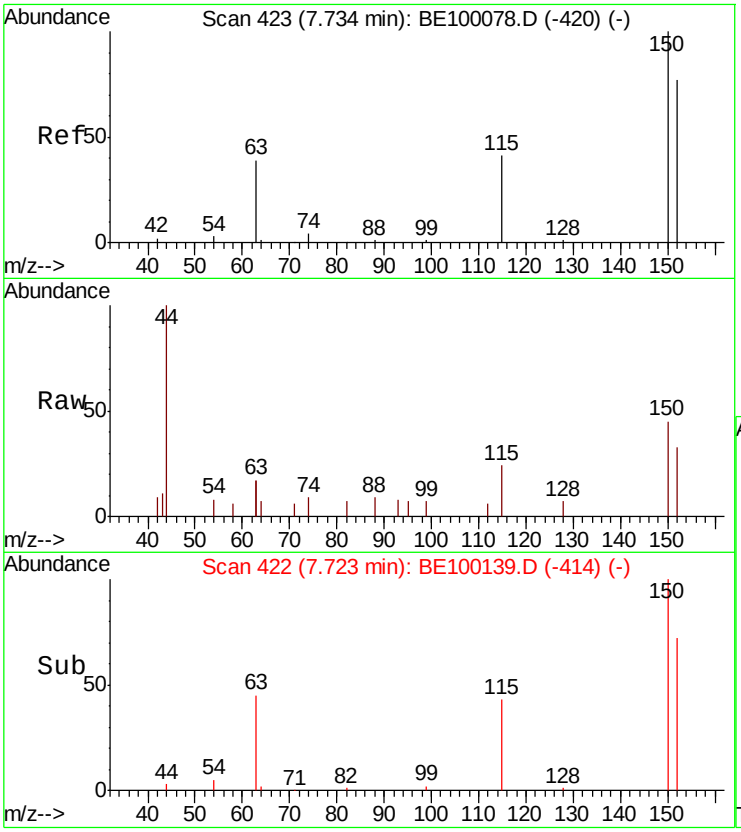
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
Data File : BE100139.D
Acq On : 21 Jun 2019 16:51
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 22 02:03:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



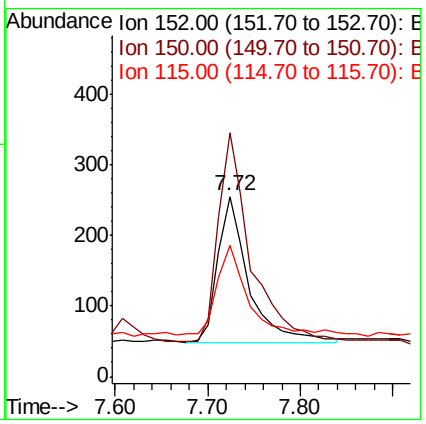


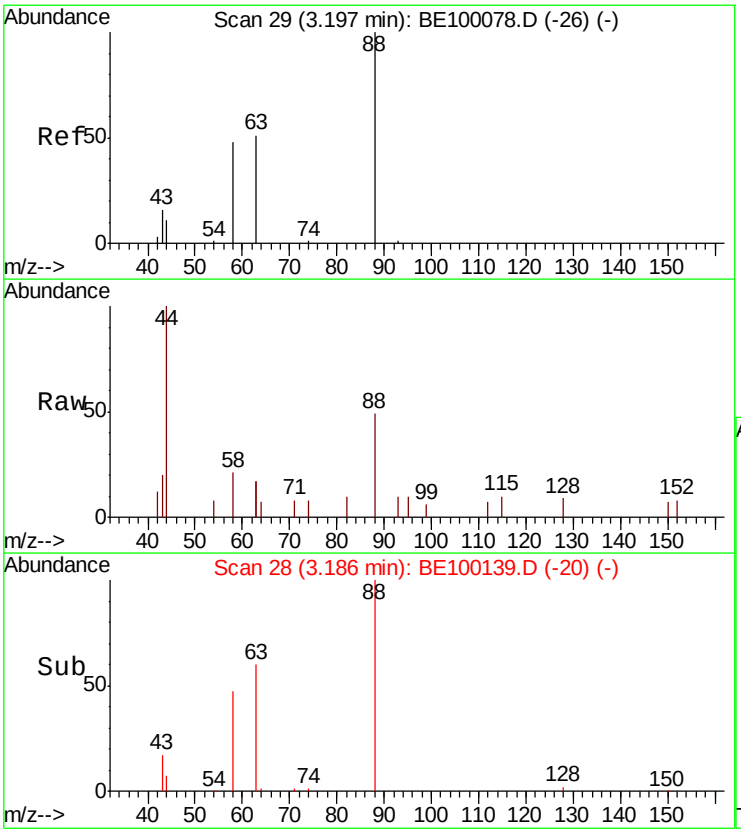
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 484

Ion	Ratio	Lower	Upper
152	100		
150	135.3	99.8	149.8
115	72.5	51.3	76.9

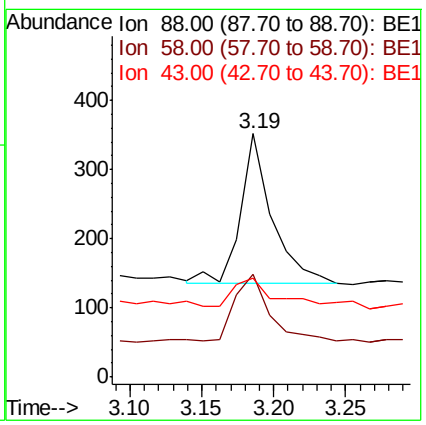


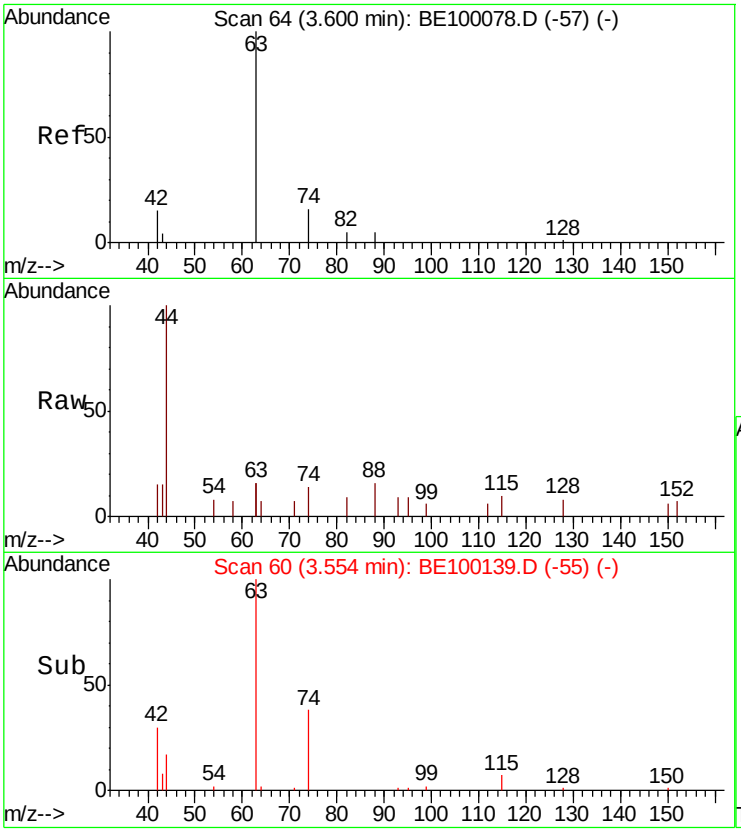


#2
1,4-Dioxane
Concen: 0.425 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion: 88 Resp: 330

Ion	Ratio	Lower	Upper
88	100		
58	48.8	51.1	76.7#
43	21.5	21.7	32.5#



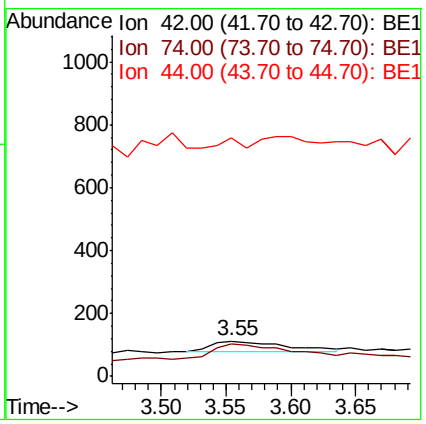


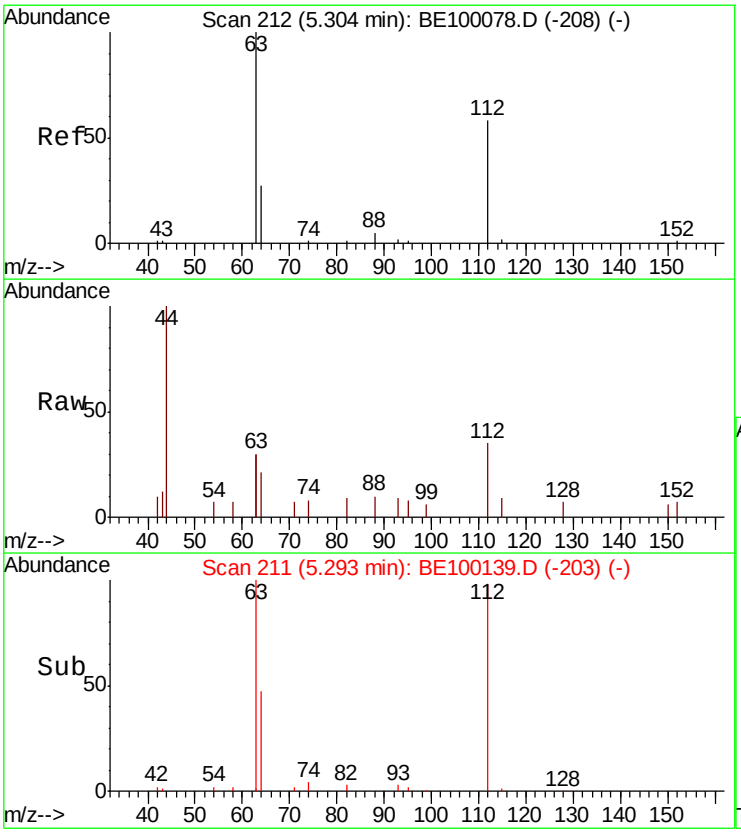
#3
n-Nitrosodimethylamine
Concen: 0.594 ng
RT: 3.55 min Scan# 60
Delta R.T. -0.04 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 129

Ion	Ratio	Lower	Upper
42	100		
74	143.4	0.0	0.0#
44	22.5	0.0	0.0#

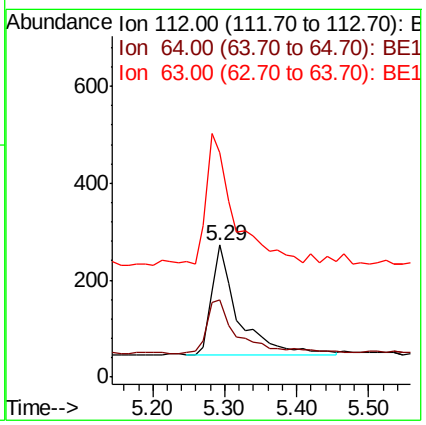


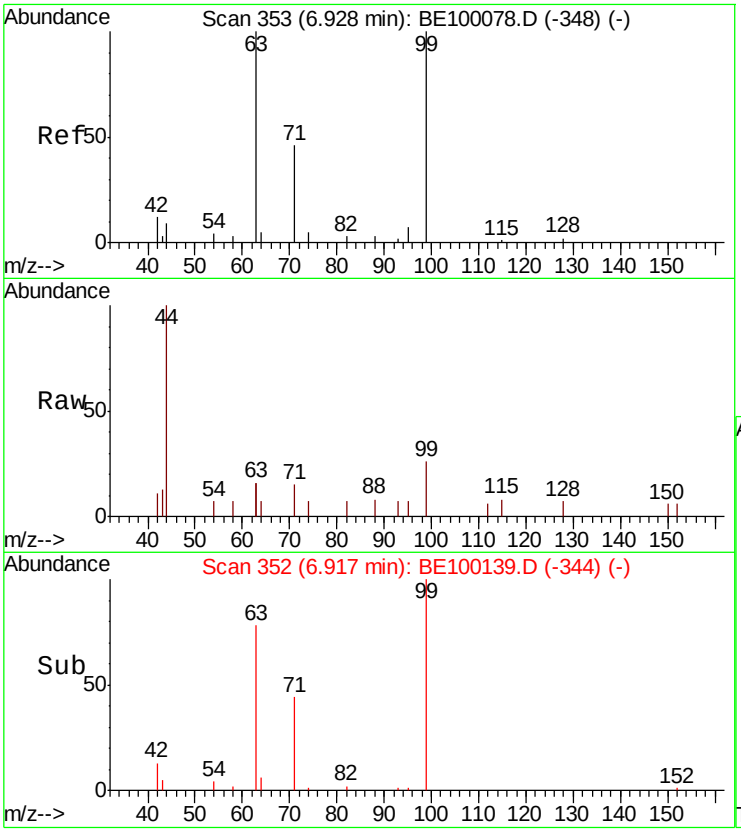


#4
2-Fluorophenol
Concen: 0.568 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:112 Resp: 570

Ion	Ratio	Lower	Upper
112	100		
64	58.9	22.0	33.0#
63	120.2	121.8	182.6#



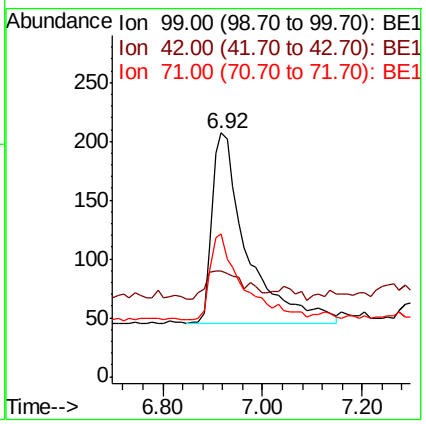


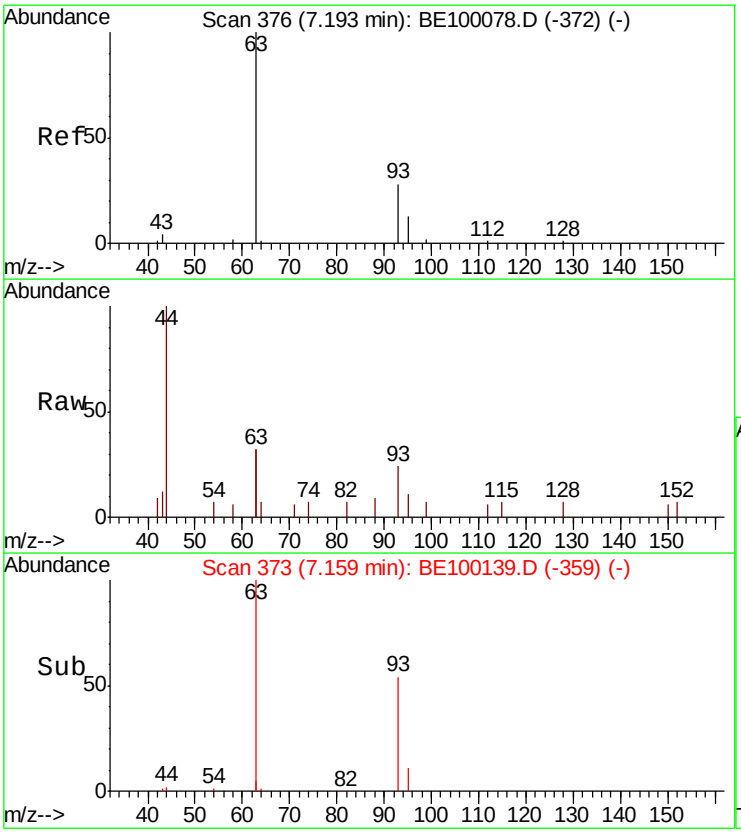
#5
Phenol-d6
Concen: 0.576 ng
RT: 6.92 min Scan# 352
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 795

Ion	Ratio	Lower	Upper
99	100		
42	16.4	0.0	0.0#
71	41.6	37.6	56.4

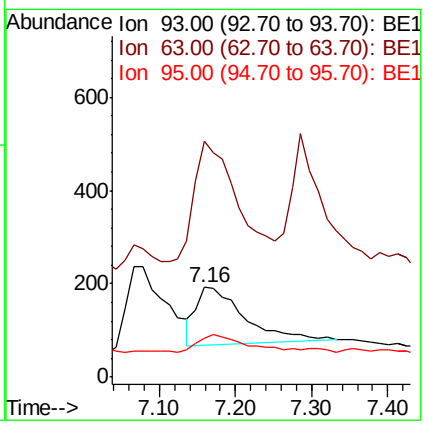


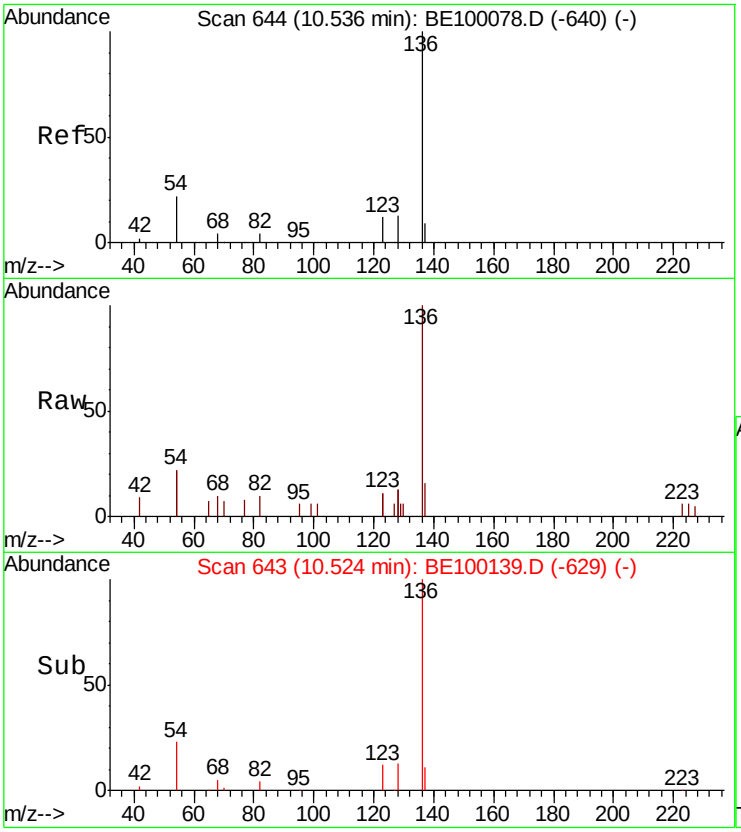


#6
bis(2-Chloroethyl)ether
Concen: 0.421 ng
RT: 7.16 min Scan# 373
Delta R.T. -0.03 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion: 93 Resp: 551

Ion	Ratio	Lower	Upper
93	100		
63	182.0	200.0	300.0#
95	30.9	24.0	36.0



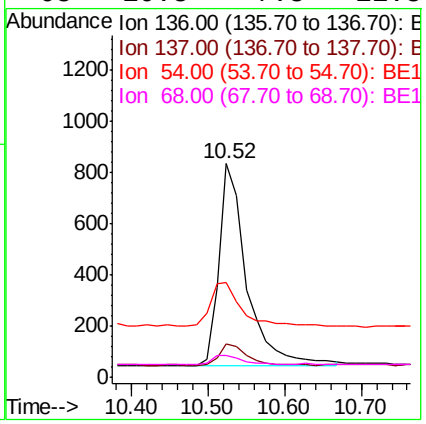


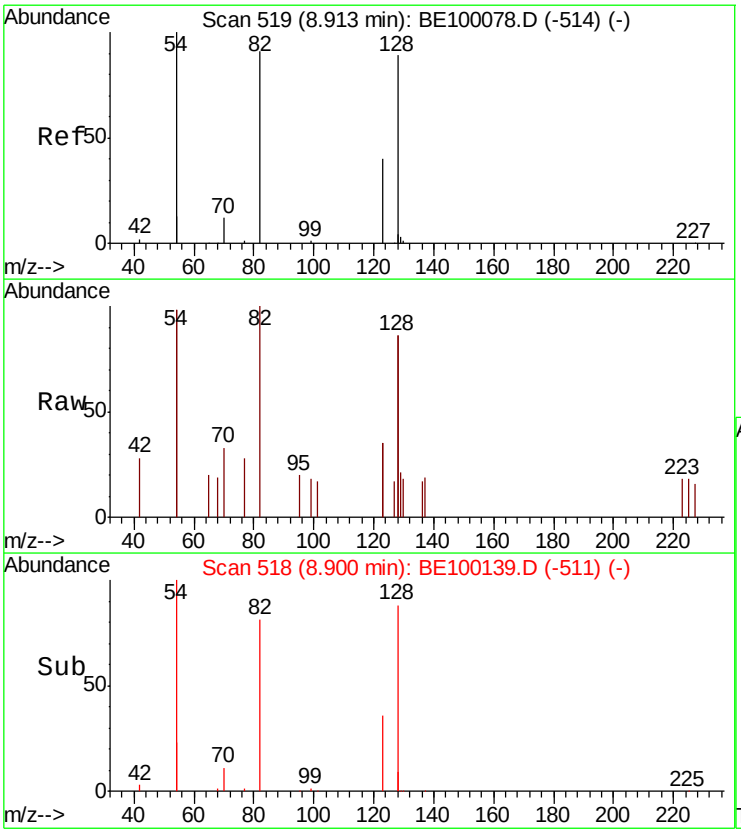
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 2002

Ion	Ratio	Lower	Upper
136	100		
137	15.6	11.6	17.4
54	44.4	33.9	50.9
68	10.3	7.8	11.8

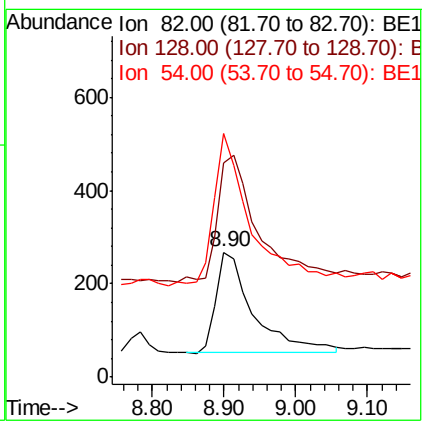


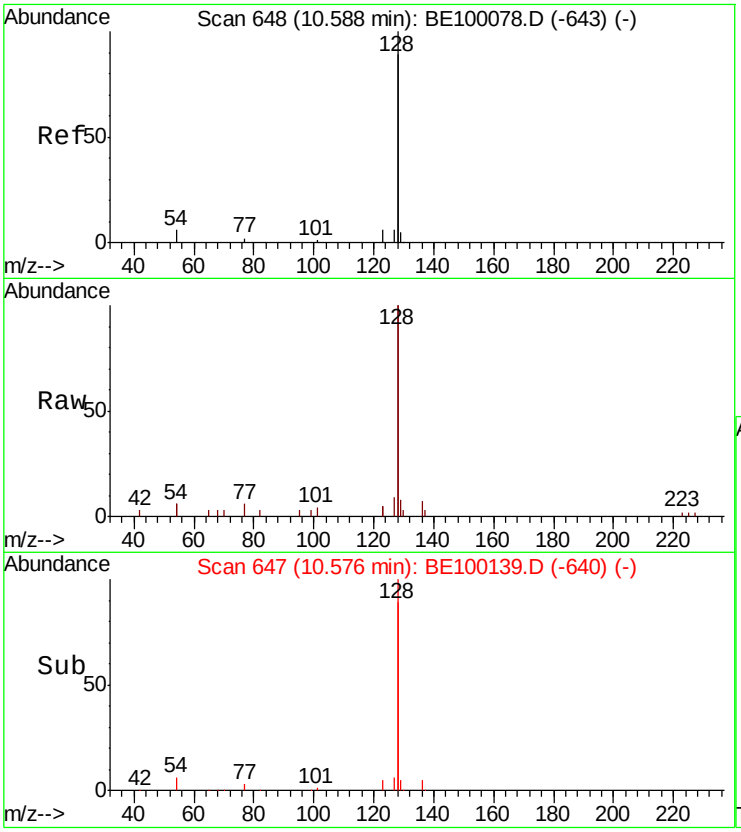


#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion: 82 Resp: 784

Ion	Ratio	Lower	Upper
82	100		
128	172.3	128.0	192.0
54	195.5	143.4	215.0



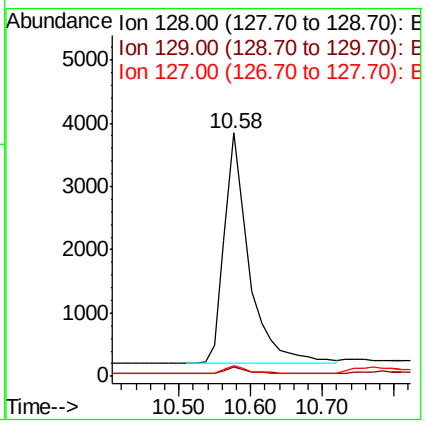


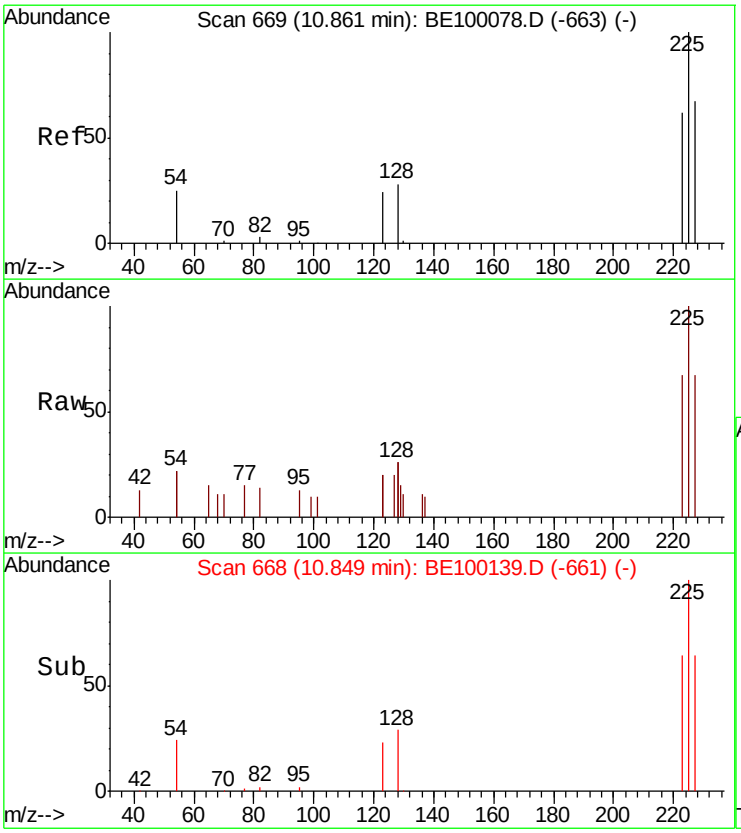
#9
Naphthalene
Concen: 0.401 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 8732

Ion	Ratio	Lower	Upper
128	100		
129	3.9	3.1	4.7
127	4.3	3.4	5.2

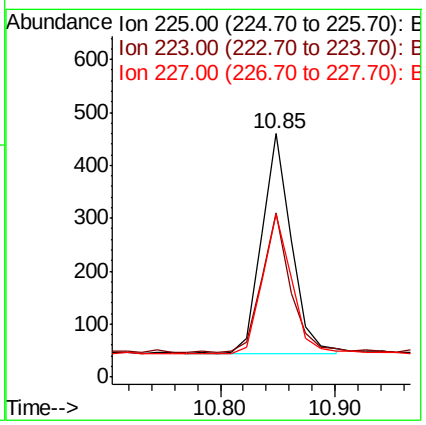


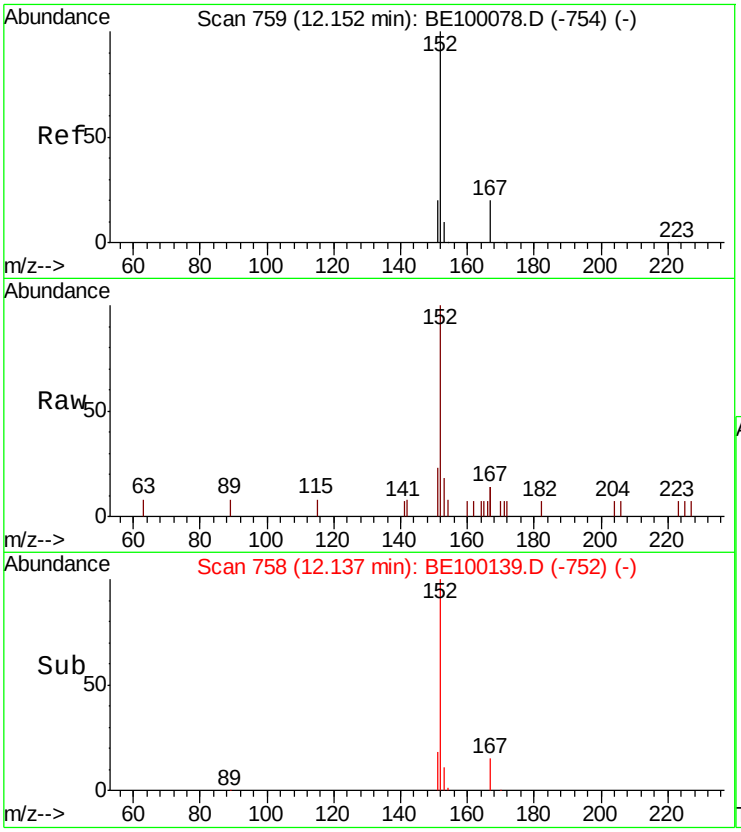


#10
Hexachlorobutadiene
Concen: 0.349 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:225 Resp: 746

Ion	Ratio	Lower	Upper
225	100		
223	61.3	52.2	78.4
227	62.7	53.0	79.6



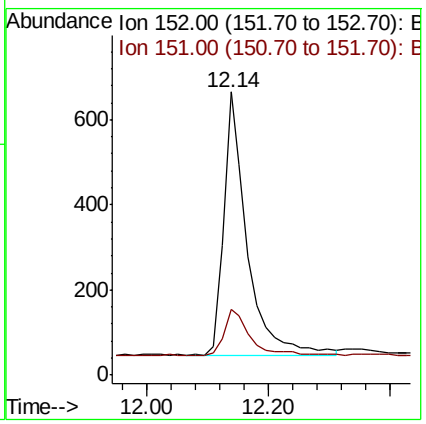


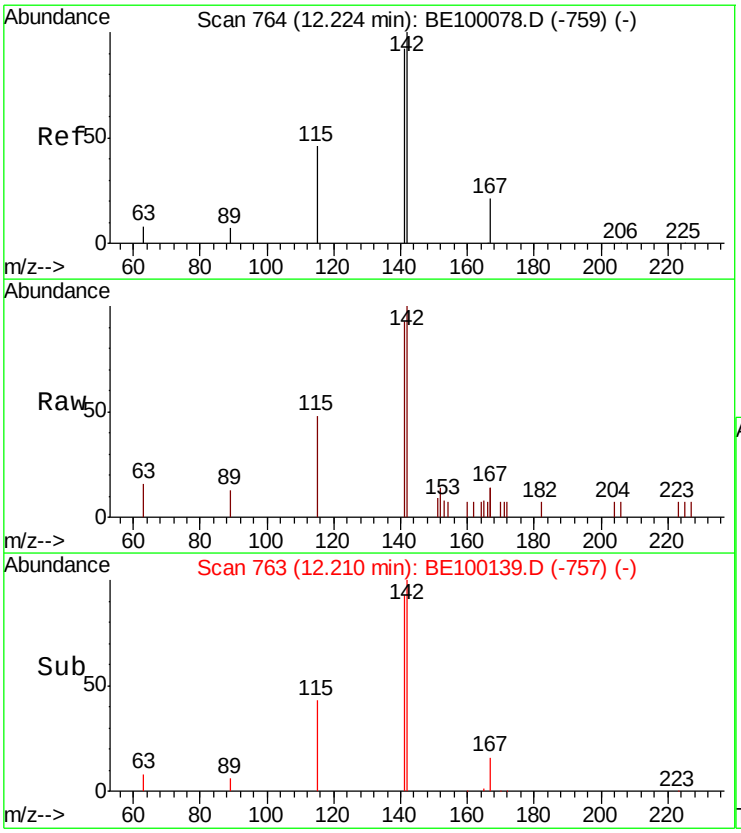
#11
2-Methylnaphthalene-d10
Concen: 0.441 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1680

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.3	24.5

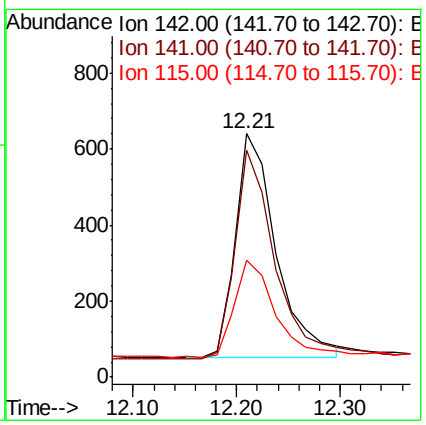


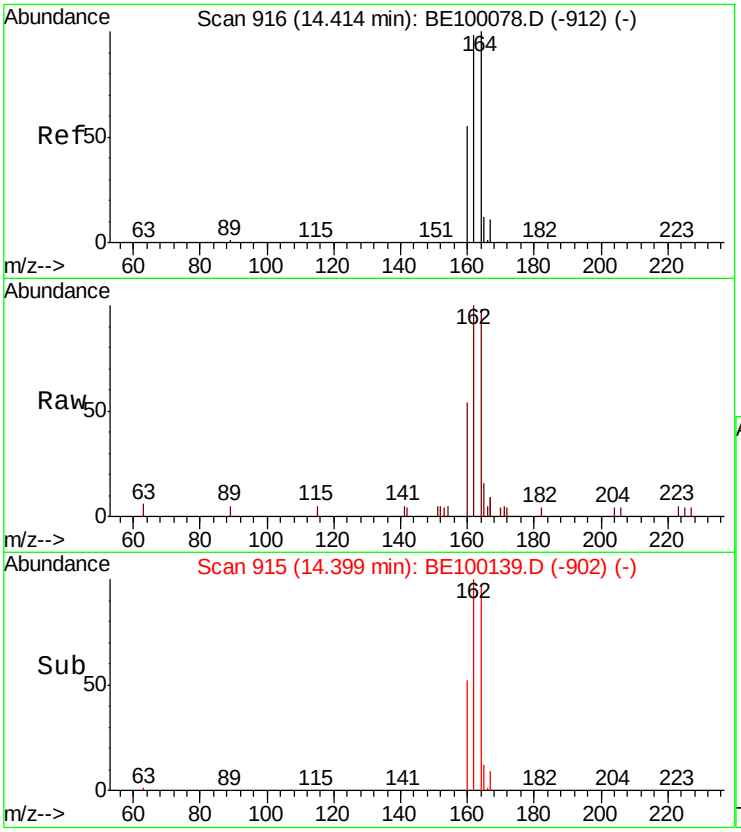


#12
2-Methylnaphthalene
Concen: 0.449 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:142 Resp: 1607

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.1	111.1
115	47.9	40.9	61.3



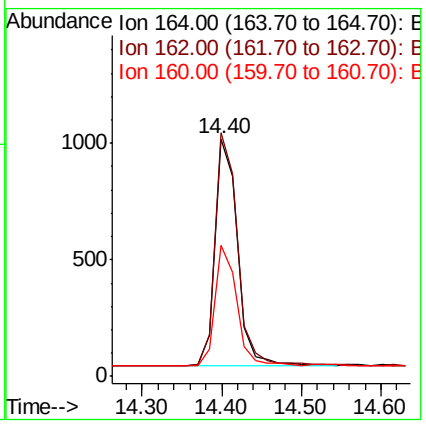


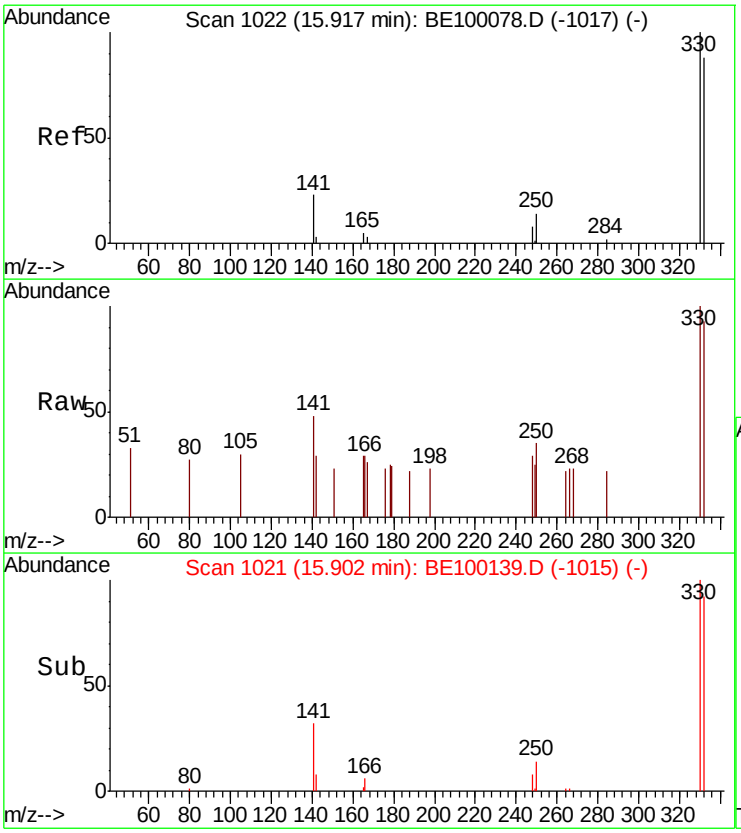
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 1889

Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.2	117.2
160	55.4	45.6	68.4

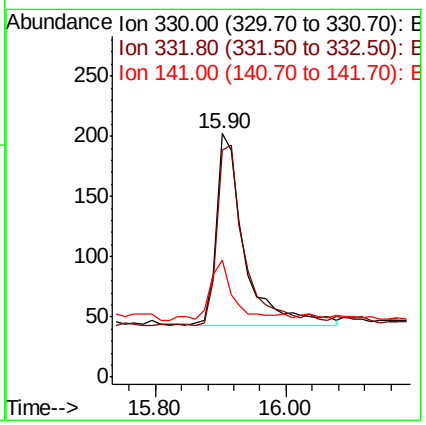


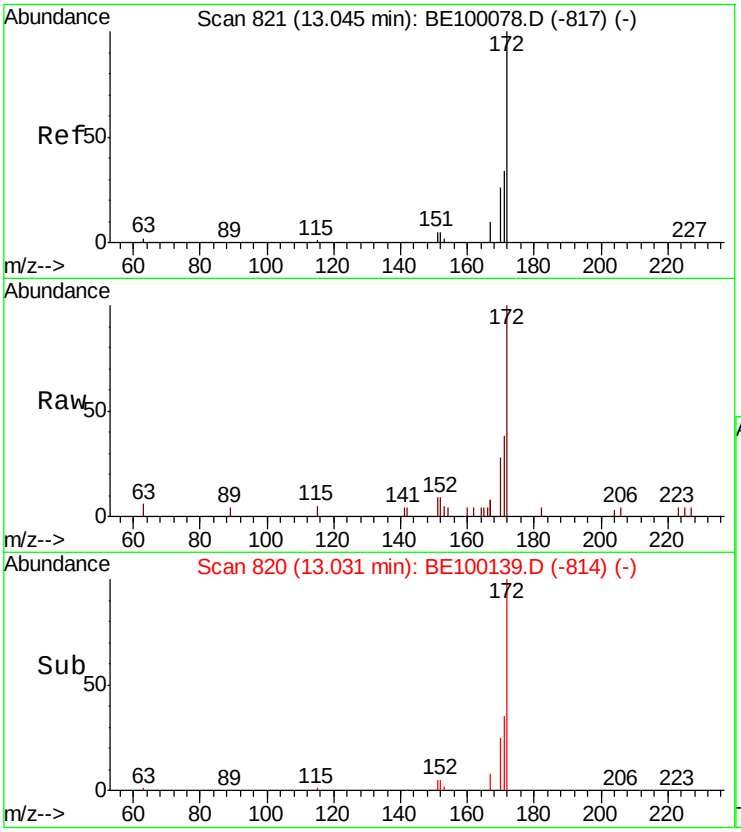


#14
2,4,6-Tribromophenol
Concen: 0.456 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:330 Resp: 476

Ion	Ratio	Lower	Upper
330	100		
332	95.6	73.3	109.9
141	27.9	22.2	33.2



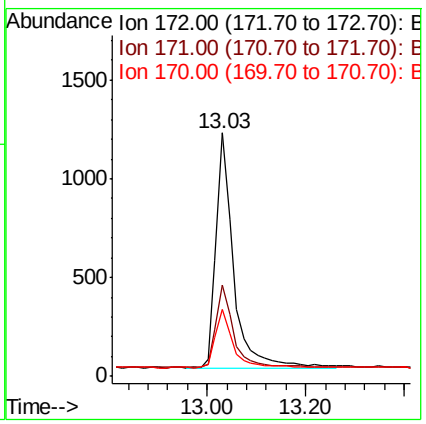


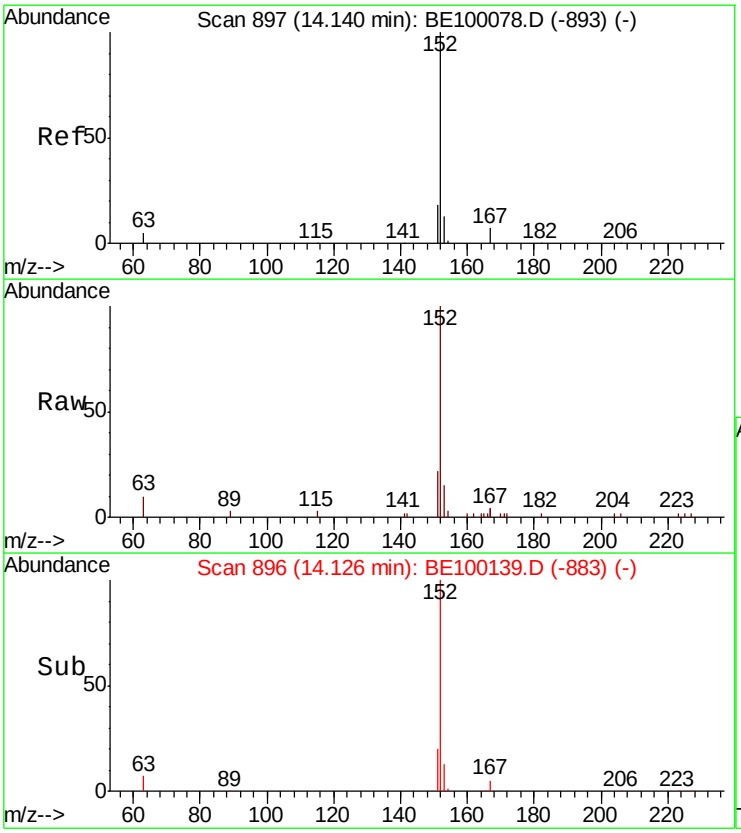
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 2898

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.8
170	27.7	23.2	34.8

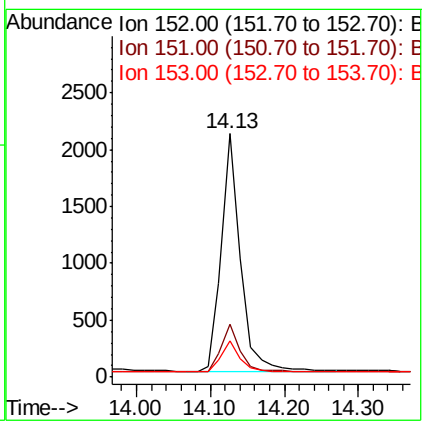


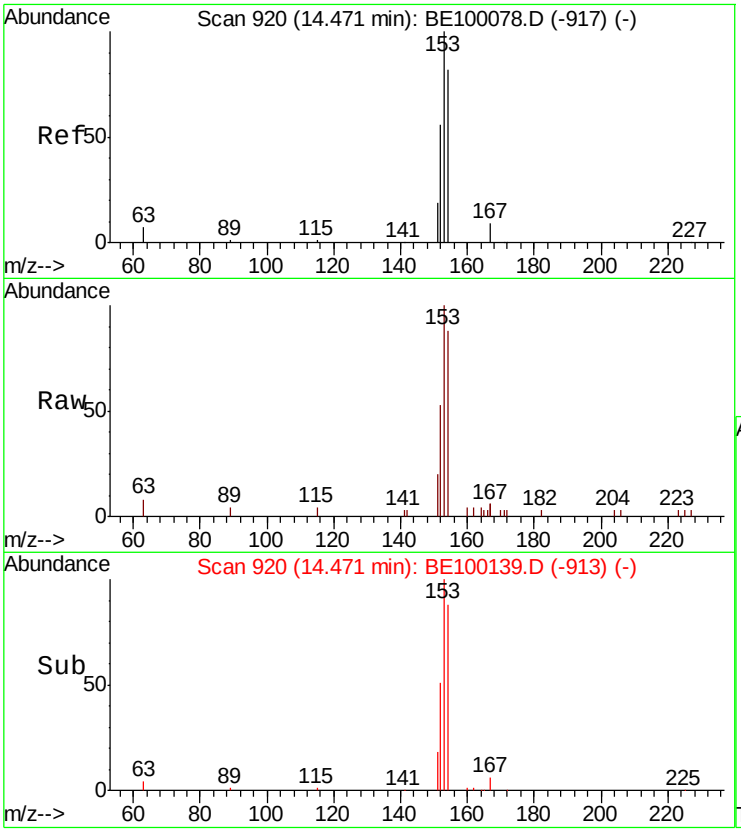


#16
Acenaphthylene
Concen: 0.419 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:152 Resp: 3754

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.7	10.1	15.1



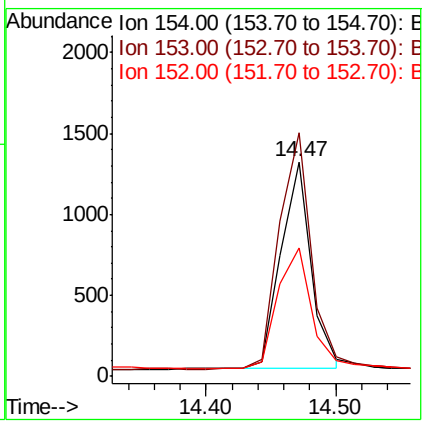


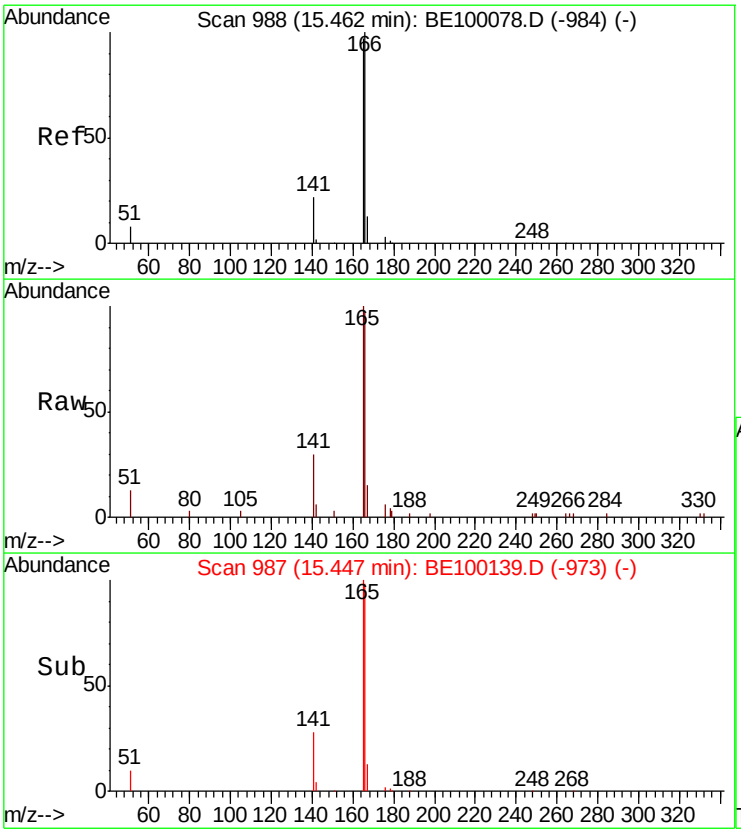
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2096

Ion	Ratio	Lower	Upper
154	100		
153	119.5	95.5	143.3
152	63.6	54.9	82.3

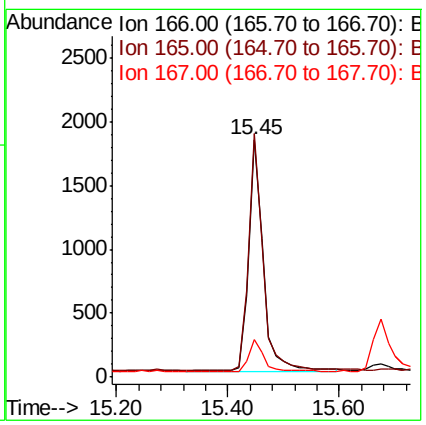


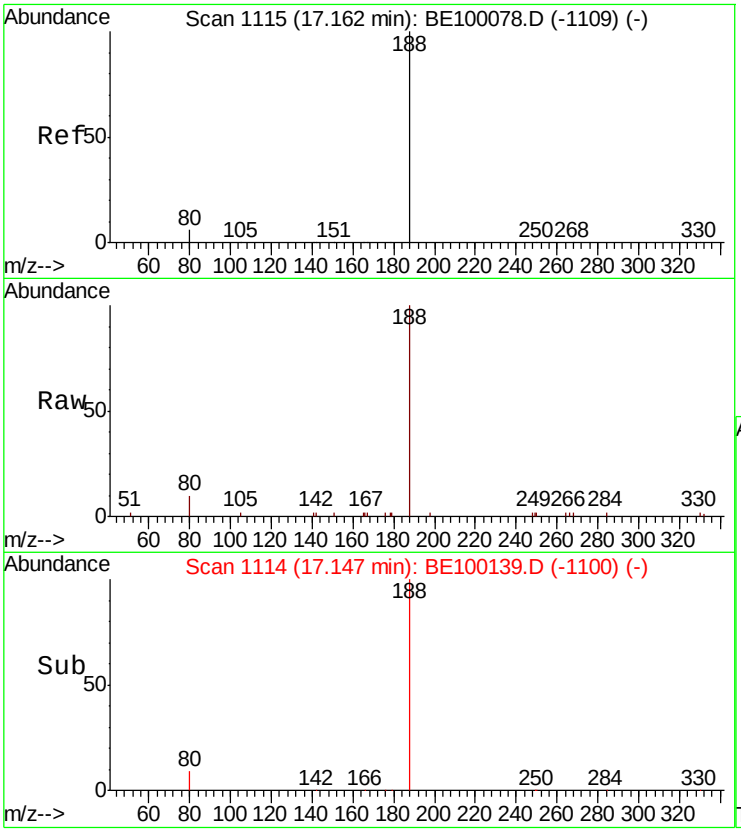


#18
Fluorene
Concen: 0.441 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:166 Resp: 3290

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.8
167	13.5	10.2	15.4



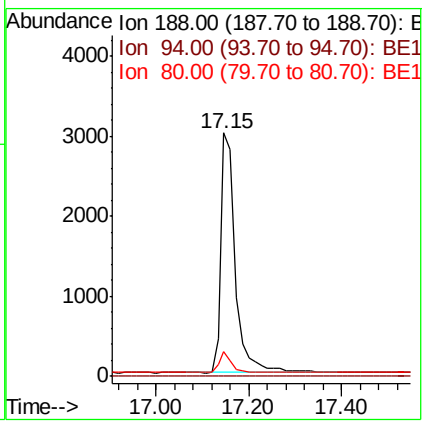


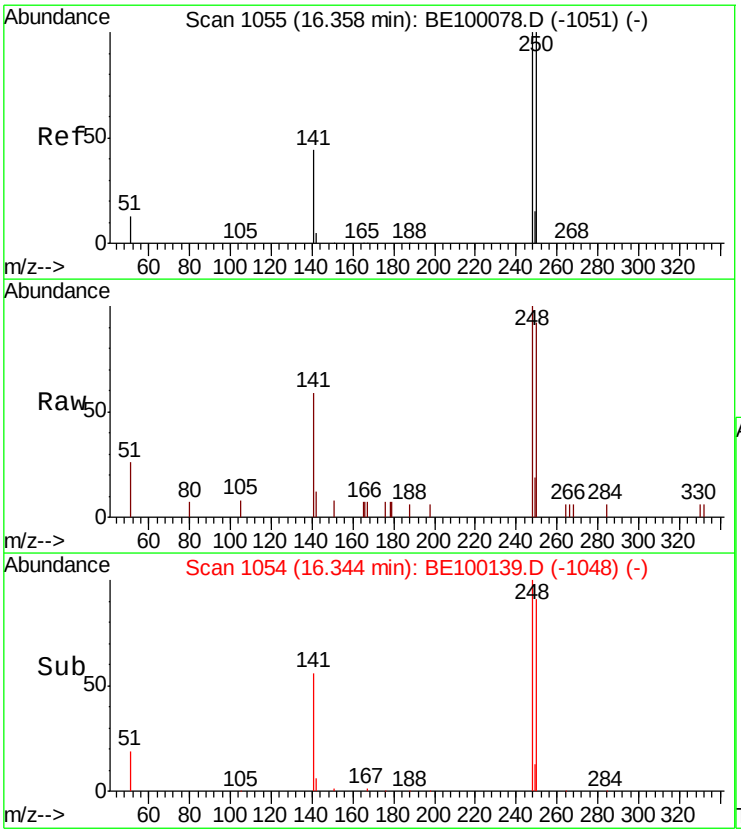
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 6600

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	6.3	9.5#

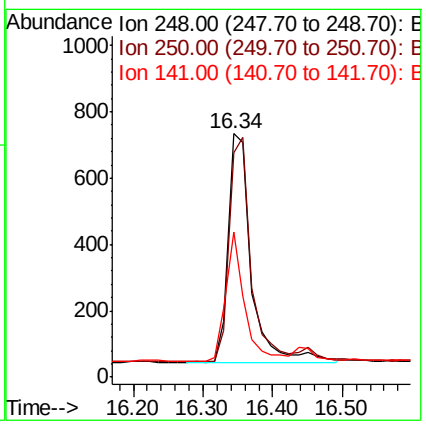


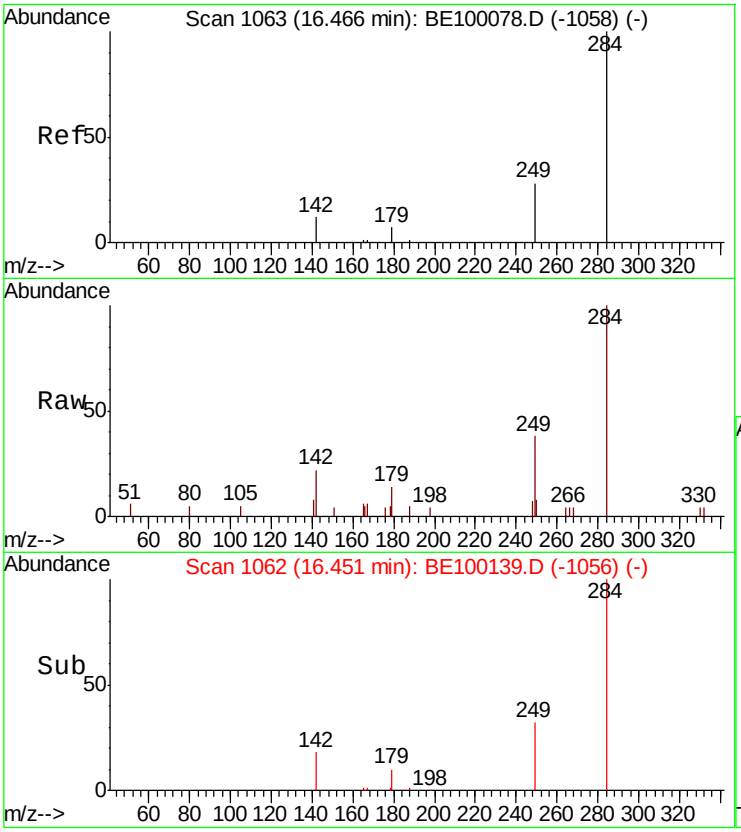


#20
4-Bromophenyl-phenylether
Concen: 0.402 ng
RT: 16.34 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:248 Resp: 1578

Ion	Ratio	Lower	Upper
248	100		
250	92.2	80.6	120.8
141	59.4	38.8	58.2#



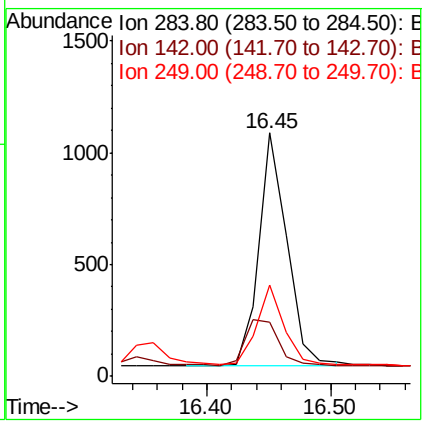


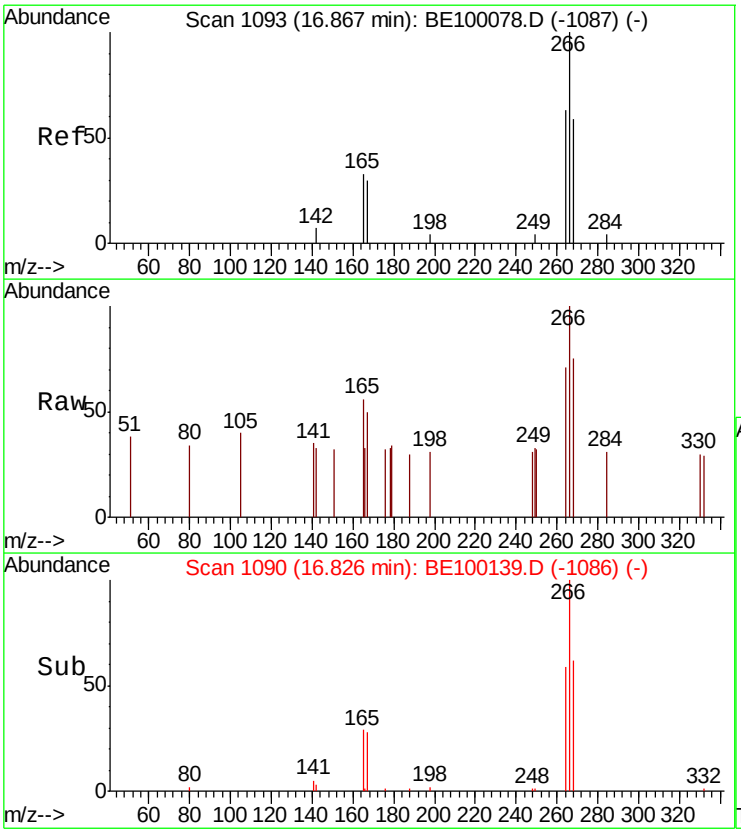
#21
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1636

Ion	Ratio	Lower	Upper
284	100		
142	24.0	20.7	31.1
249	32.5	26.6	39.8

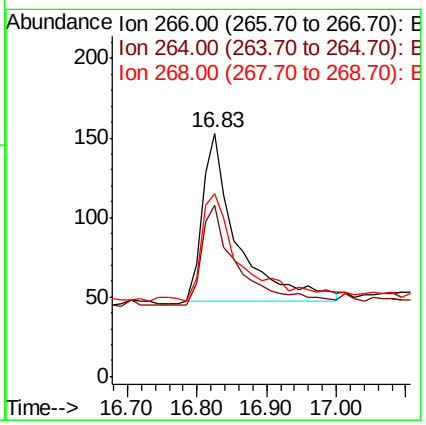


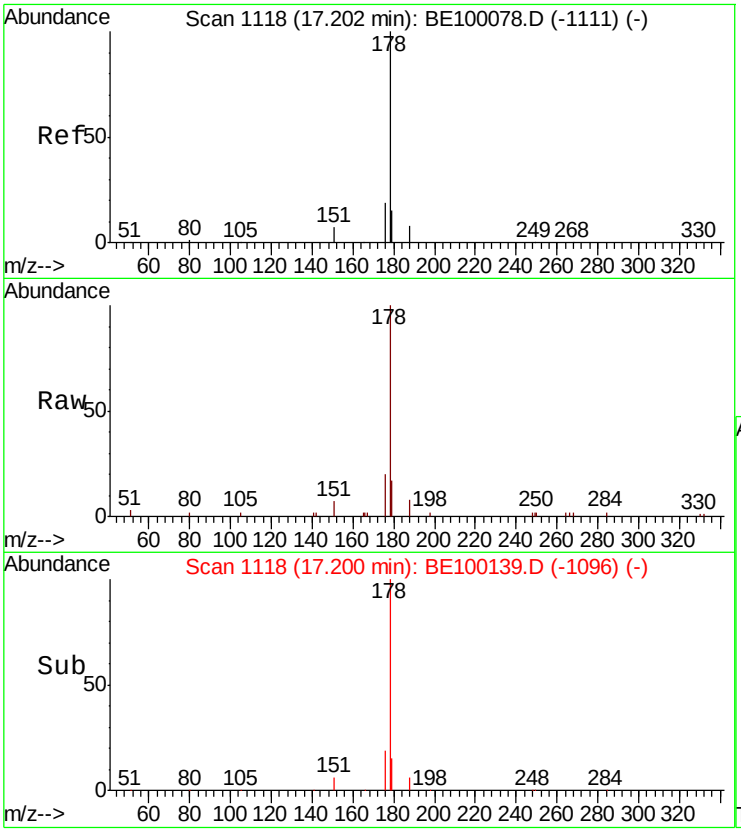


#22
Pentachlorophenol
Concen: 0.507 ng
RT: 16.83 min Scan# 1090
Delta R.T. -0.04 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:266 Resp: 372

Ion	Ratio	Lower	Upper
266	100		
264	70.6	67.8	101.6
268	75.2	70.0	105.0



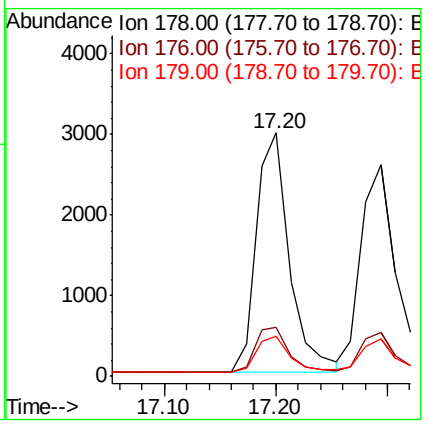


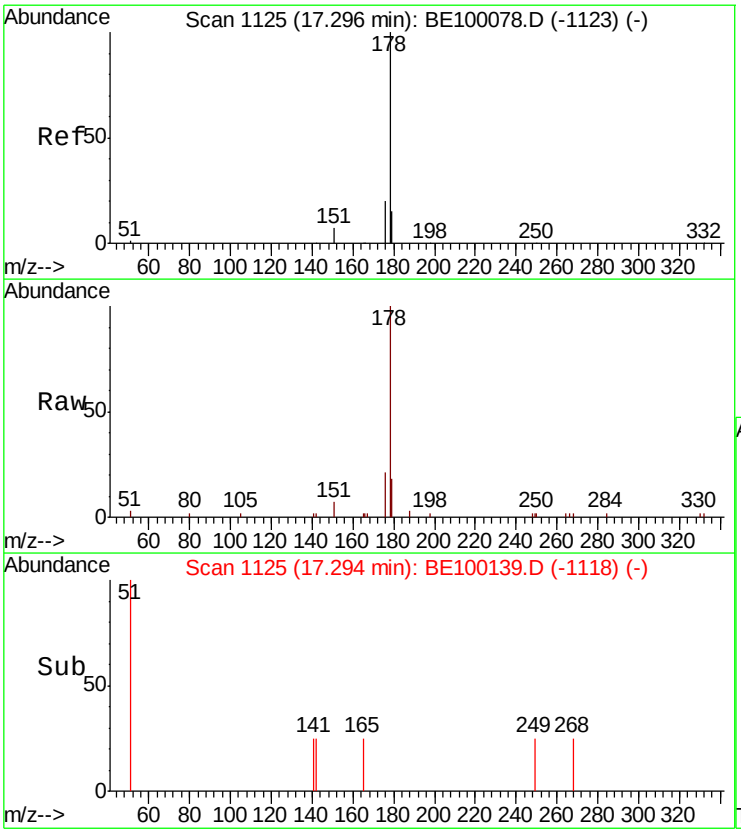
#23
Phenanthrene
Concen: 0.390 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6166

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.9	13.1	19.7

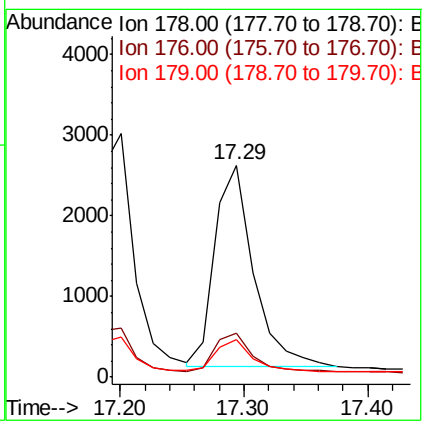


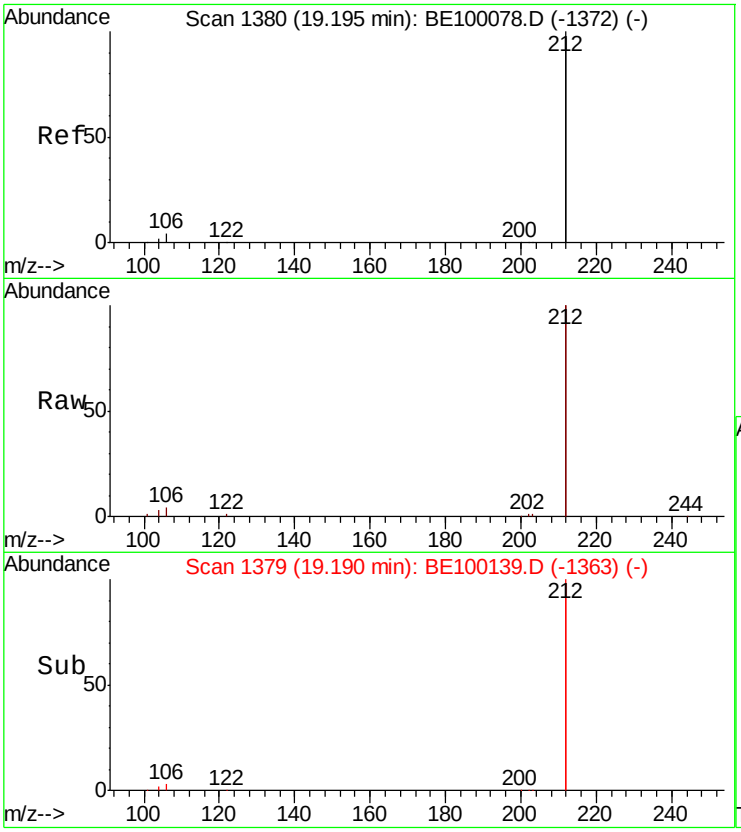


#24
Anthracene
Concen: 0.403 ng
RT: 17.29 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:178 Resp: 5373

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.6
179	15.6	12.0	18.0



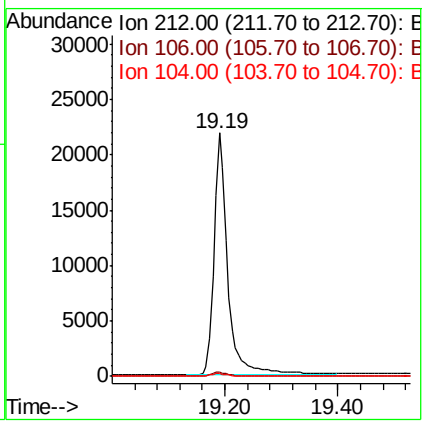


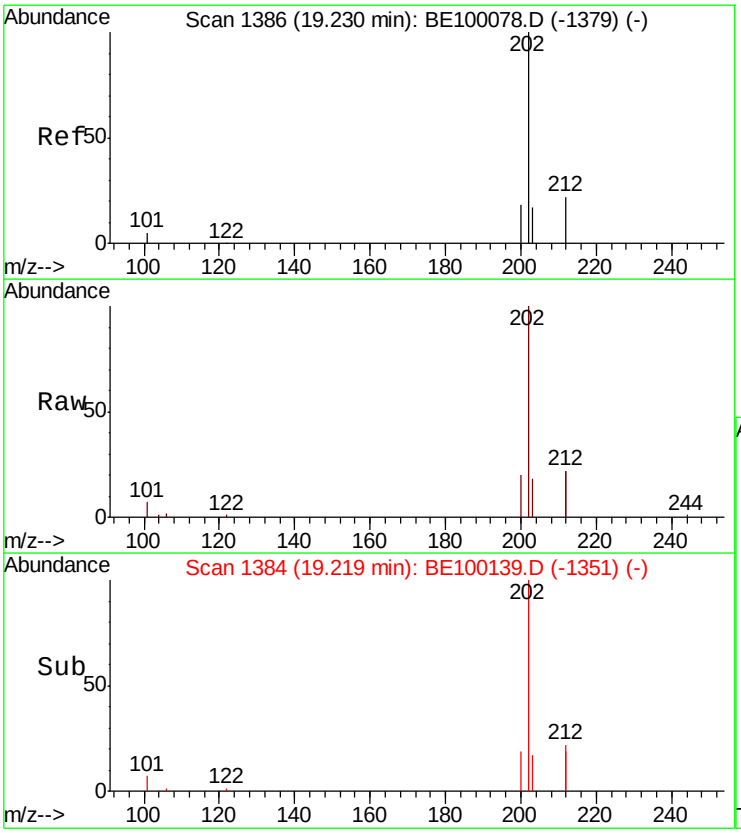
#25
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 36424

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

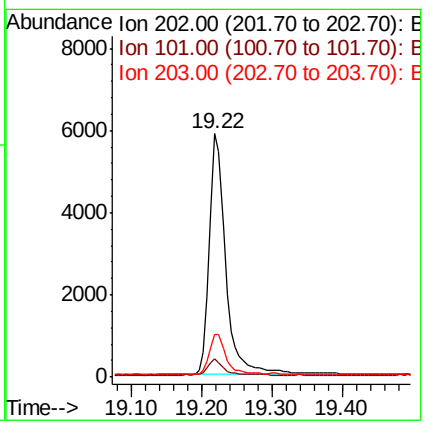


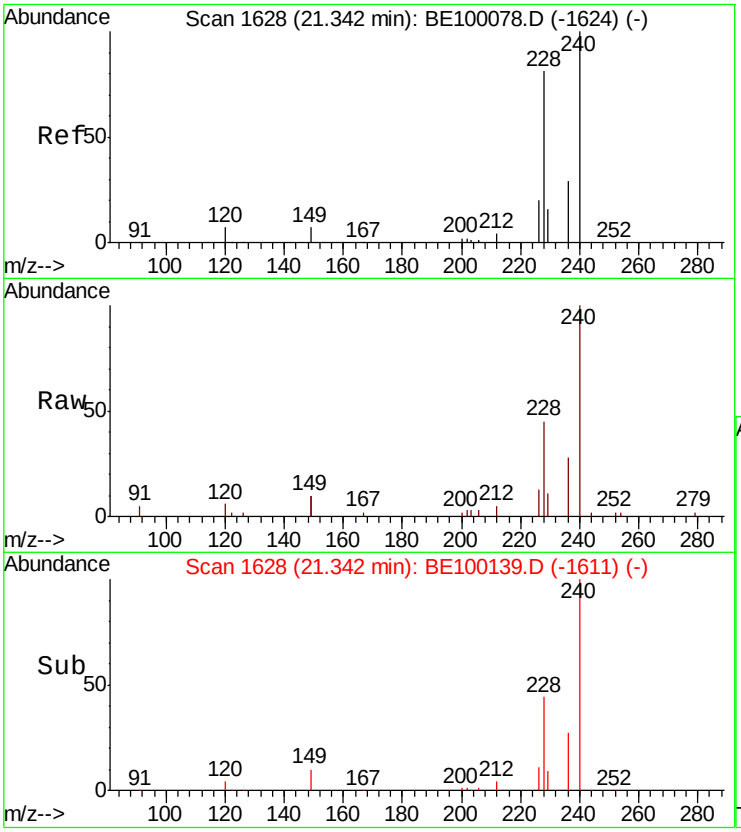


#26
Fluoranthene
Concen: 0.380 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:202 Resp: 9641

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.0	7.4
203	16.6	13.7	20.5



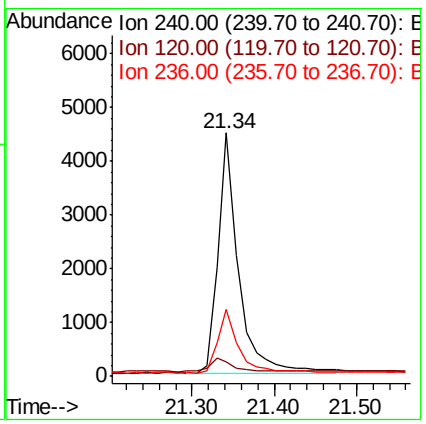


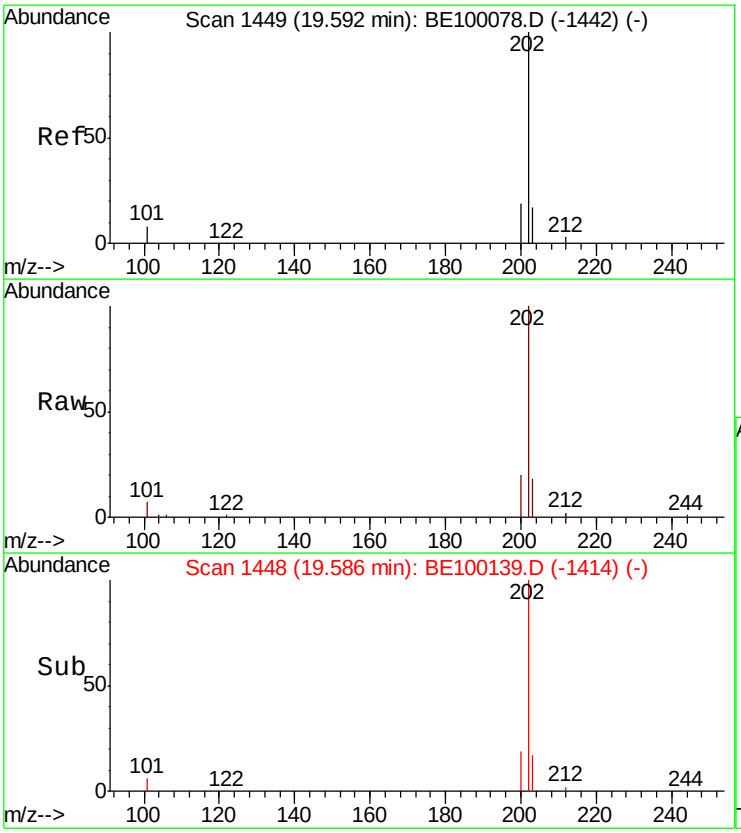
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 7845

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.6	10.0#
236	27.8	23.8	35.6

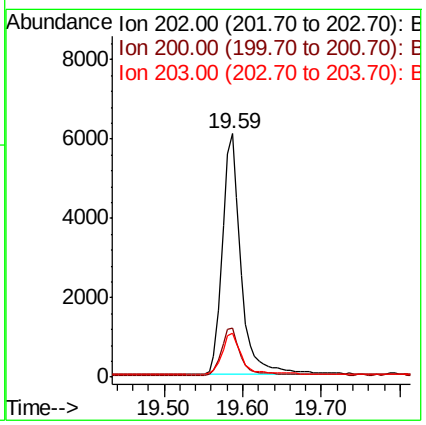


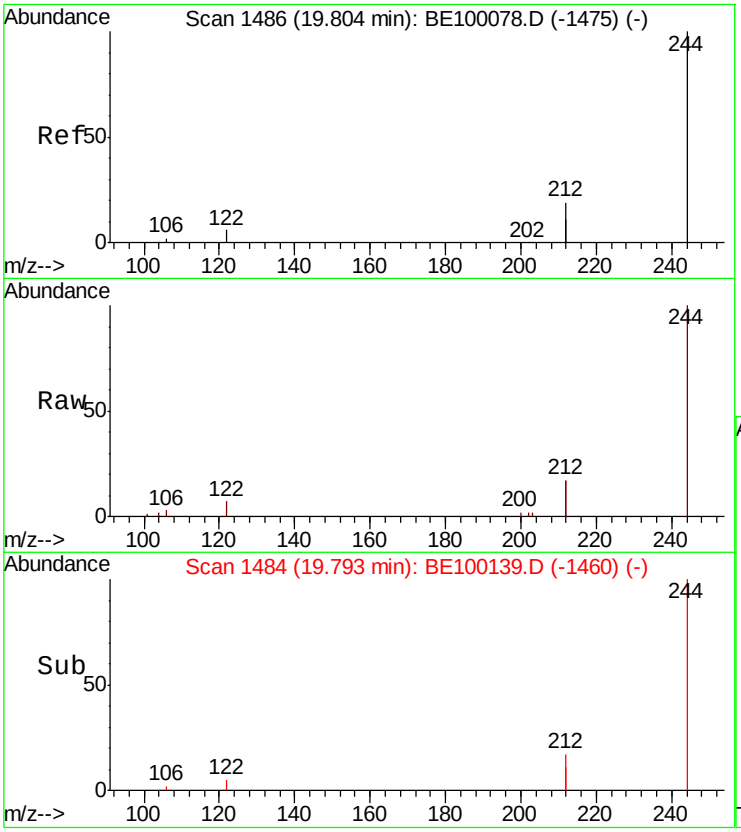


#28
Pyrene
Concen: 0.494 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:202 Resp: 9954

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	17.6	13.9	20.9



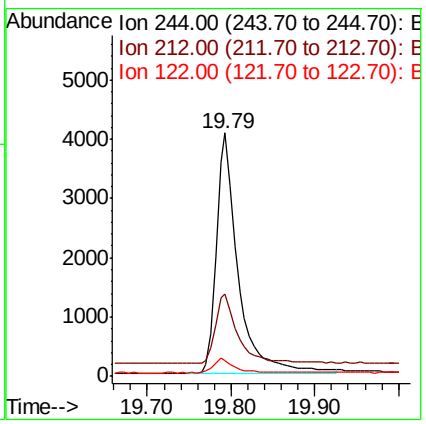


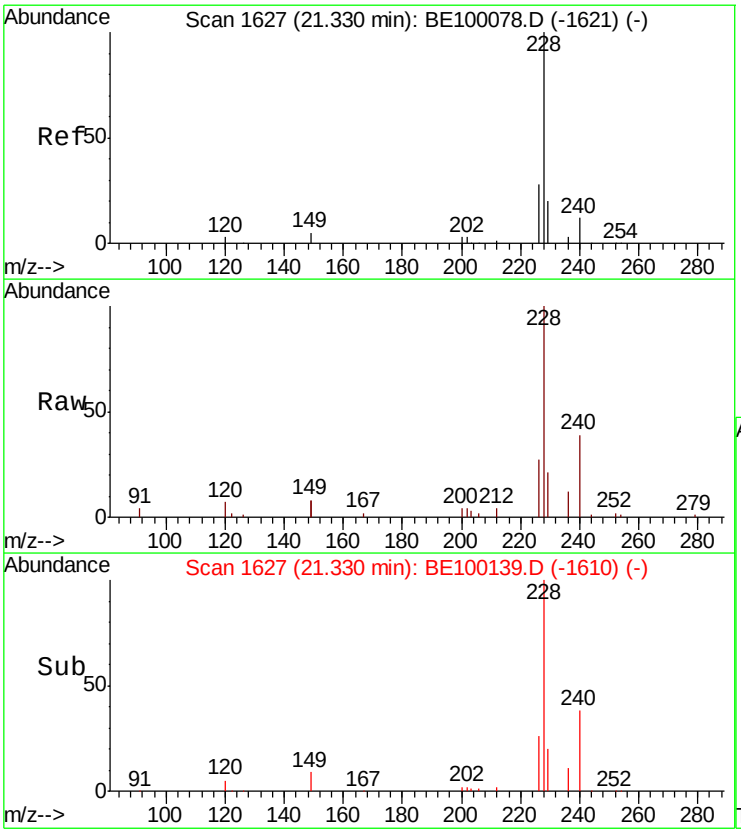
#29
Terphenyl-d14
Concen: 0.471 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7383

Ion	Ratio	Lower	Upper
244	100		
212	33.9	29.8	44.8
122	6.6	6.1	9.1

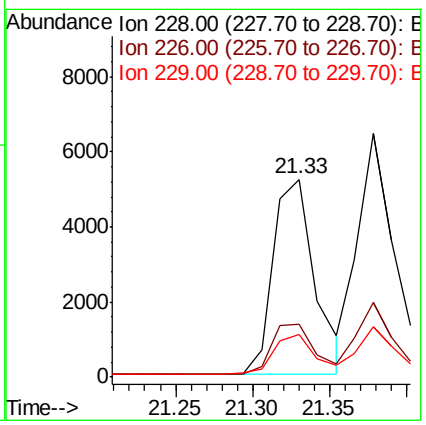


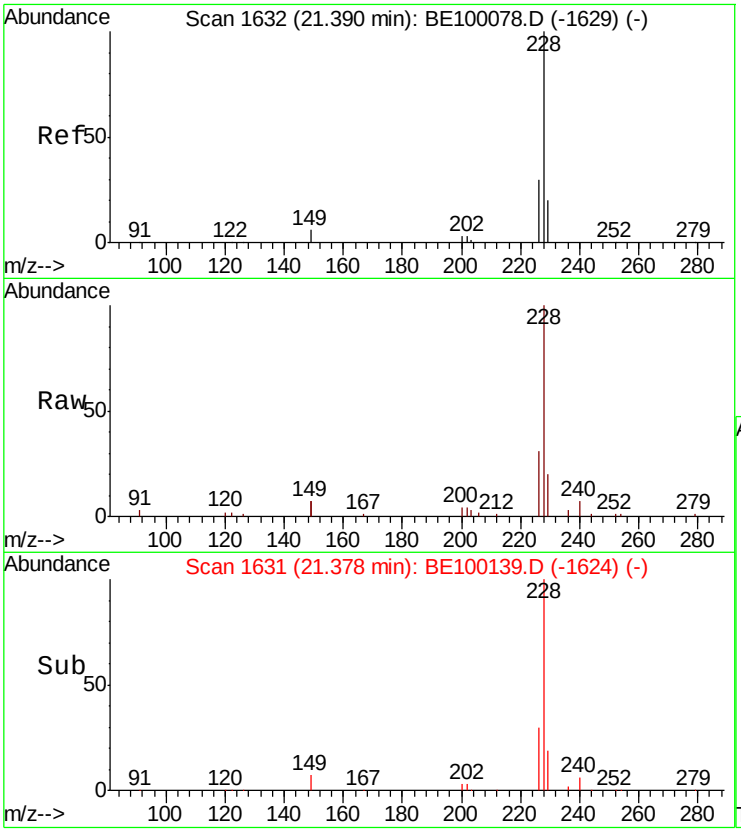


#30
Benzo(a)anthracene
Concen: 0.421 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:228 Resp: 9833

Ion	Ratio	Lower	Upper
228	100		
226	26.8	23.0	34.4
229	21.3	16.4	24.6



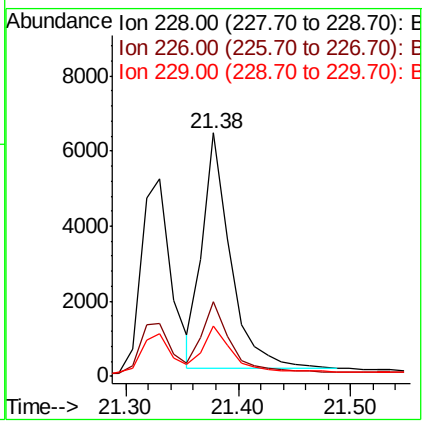


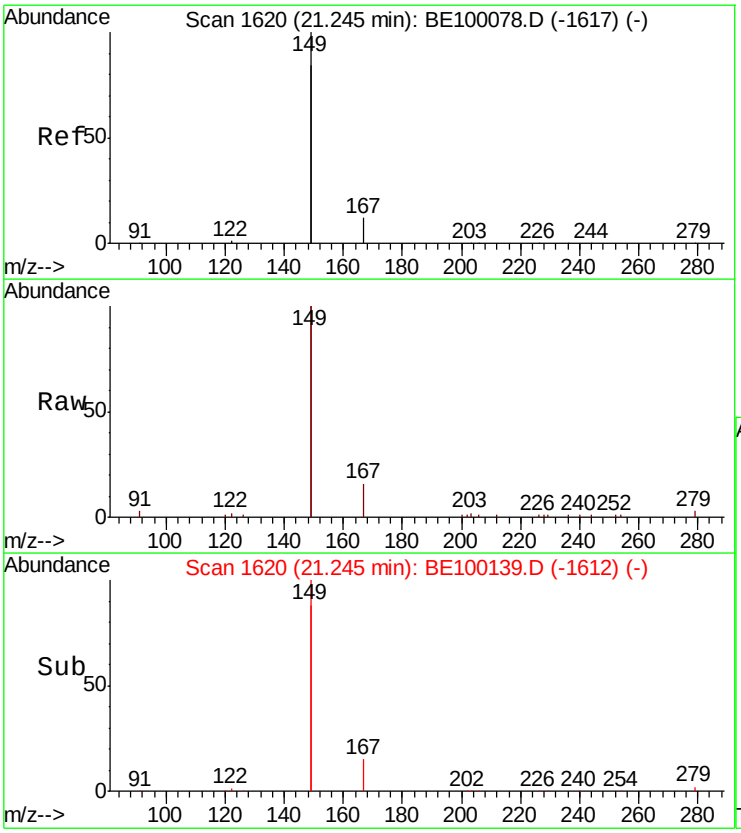
#31
Chrysene
Concen: 0.401 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 10887

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	20.5	16.3	24.5

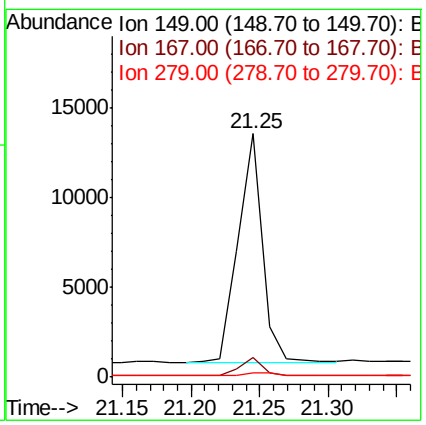


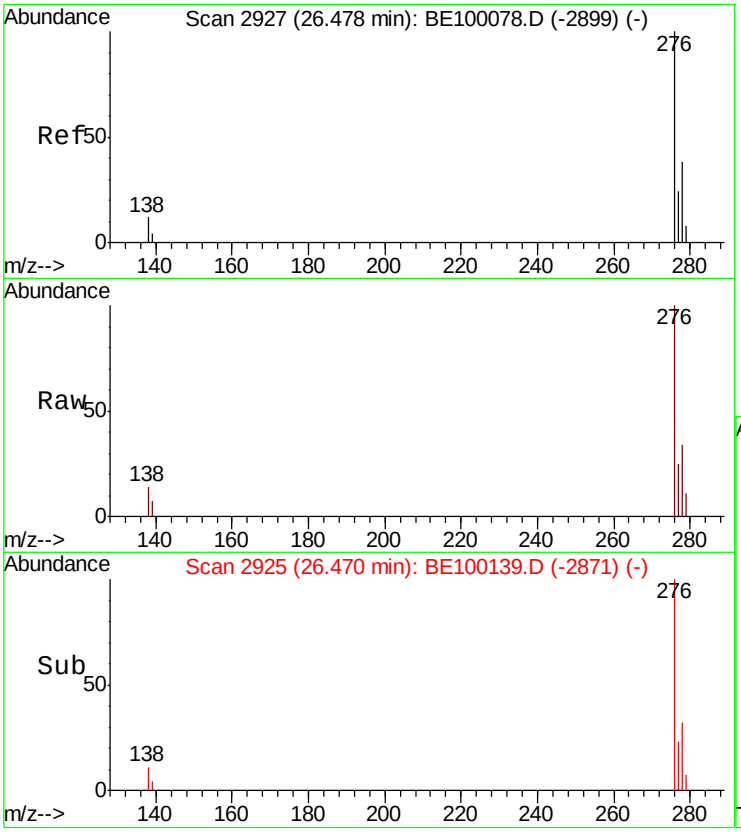


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.720 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:149 Resp: 15851

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.8	8.6
279	1.5	1.1	1.7



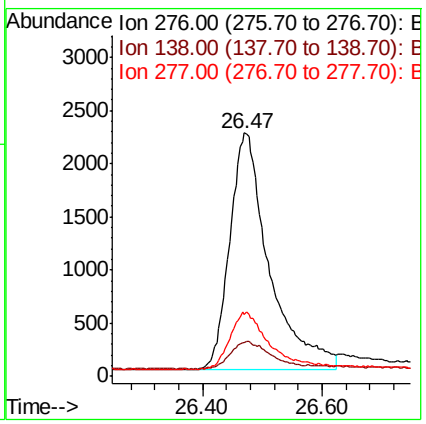


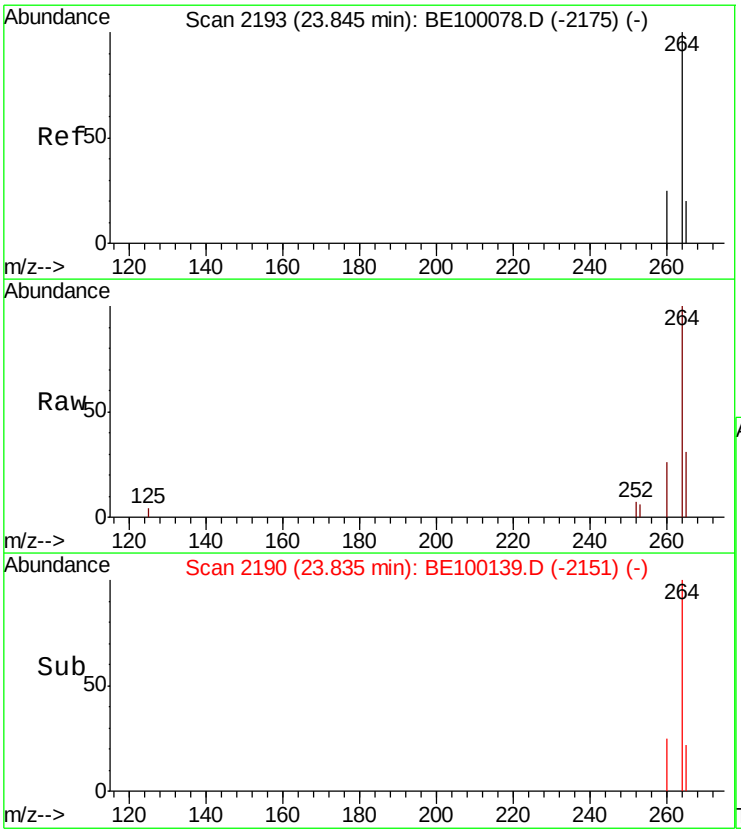
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng
RT: 26.47 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 10258

Ion	Ratio	Lower	Upper
276	100		
138	11.9	4.3	6.5#
277	24.6	19.4	29.0

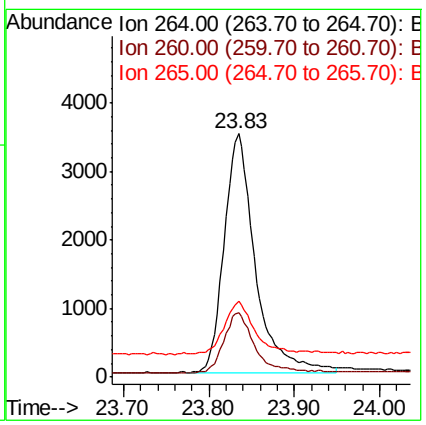


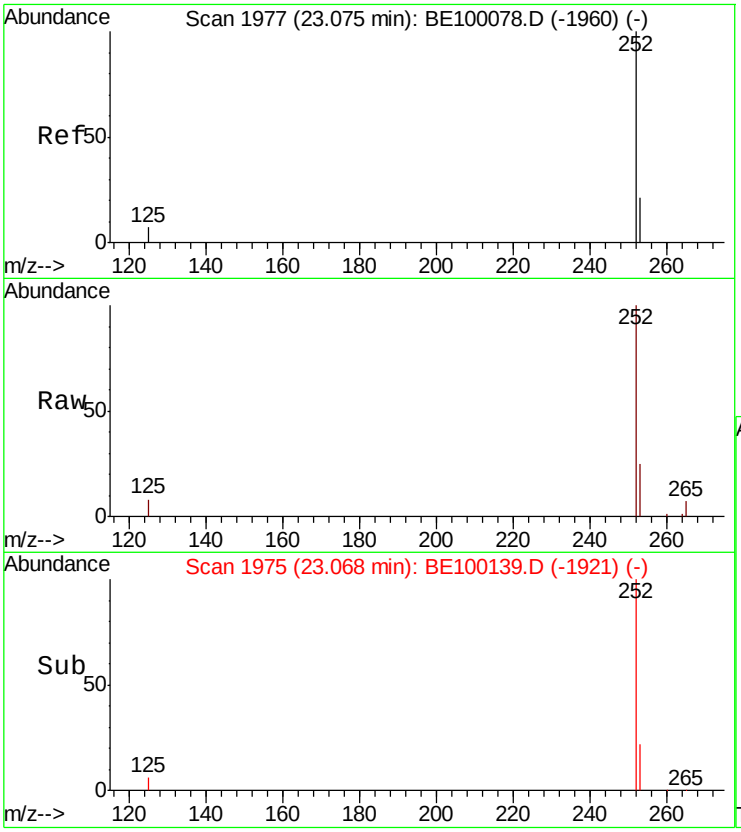


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:264 Resp: 8831

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.8	31.2
265	31.1	23.2	34.8



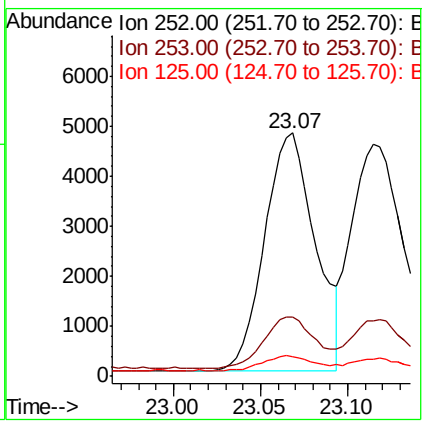


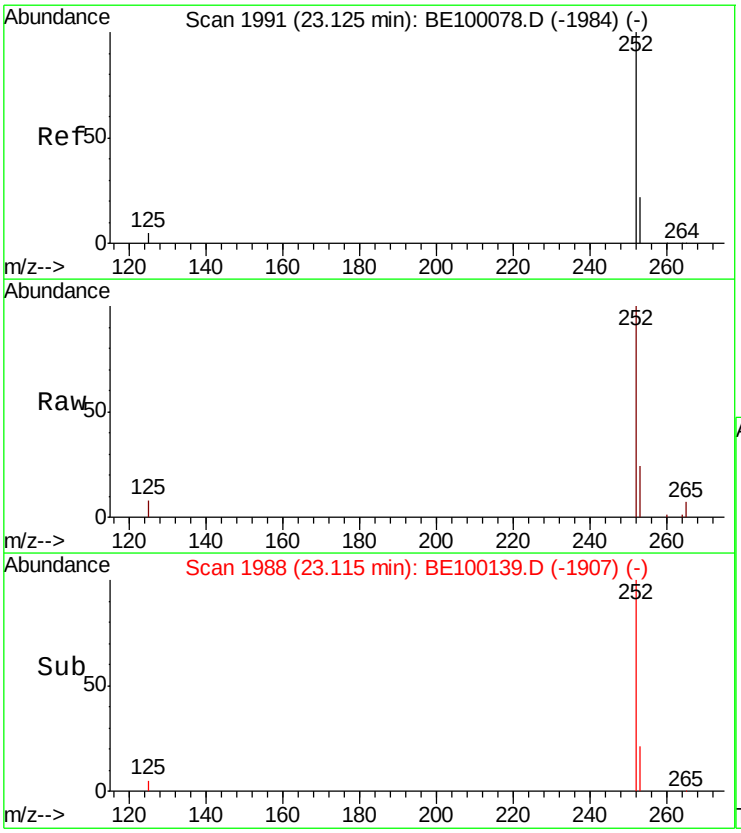
#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9670

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	8.3	6.4	9.6

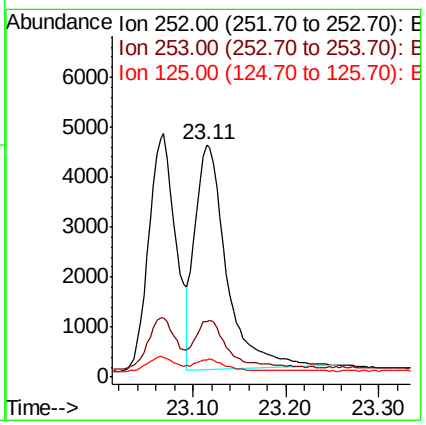


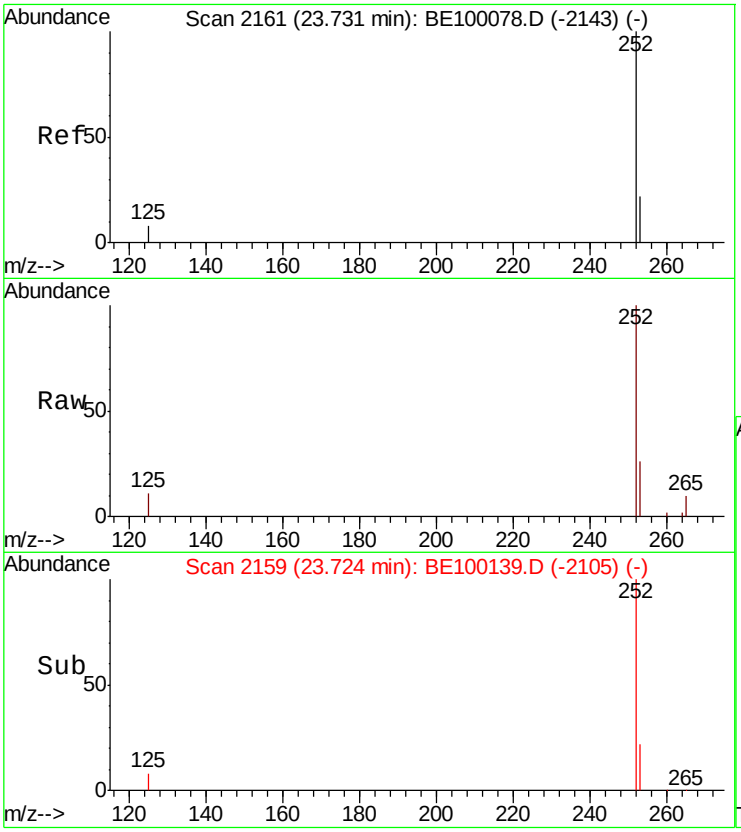


#36
Benzo(k)fluoranthene
Concen: 0.357 ng
RT: 23.11 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:252 Resp: 10510

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	7.6	5.3	7.9



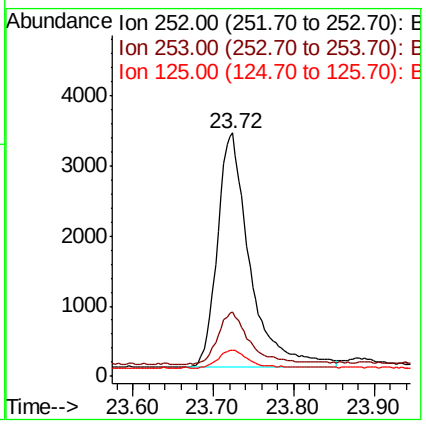


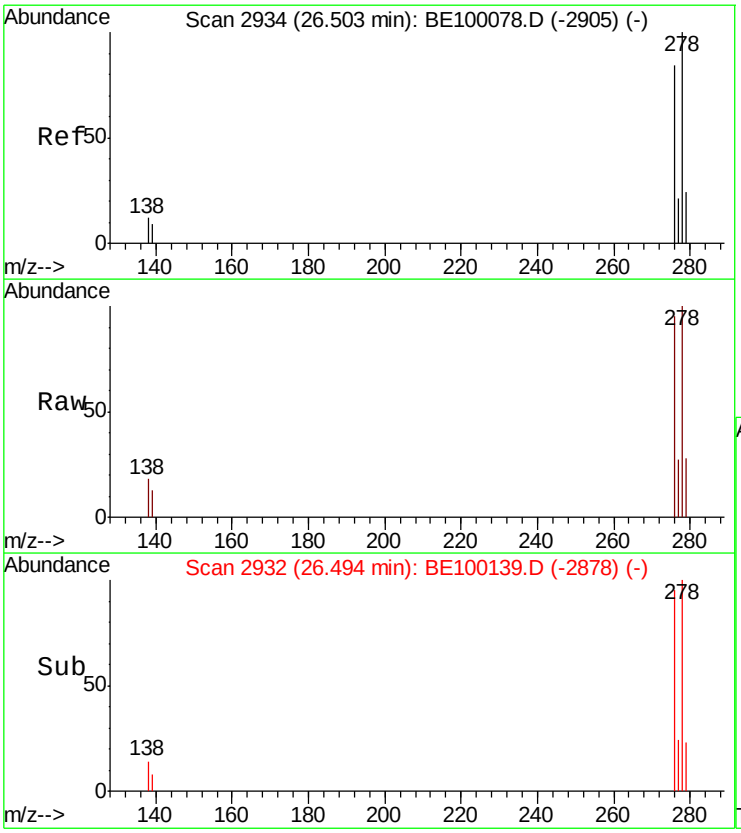
#37
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9301

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.4	29.2
125	10.9	8.0	12.0

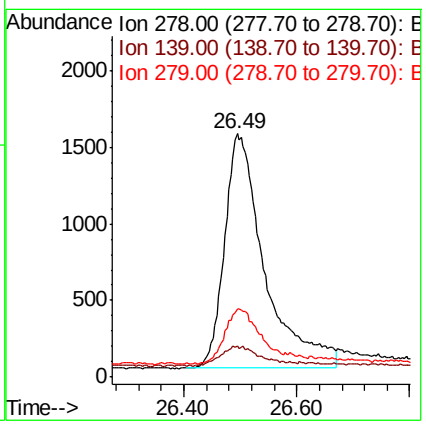


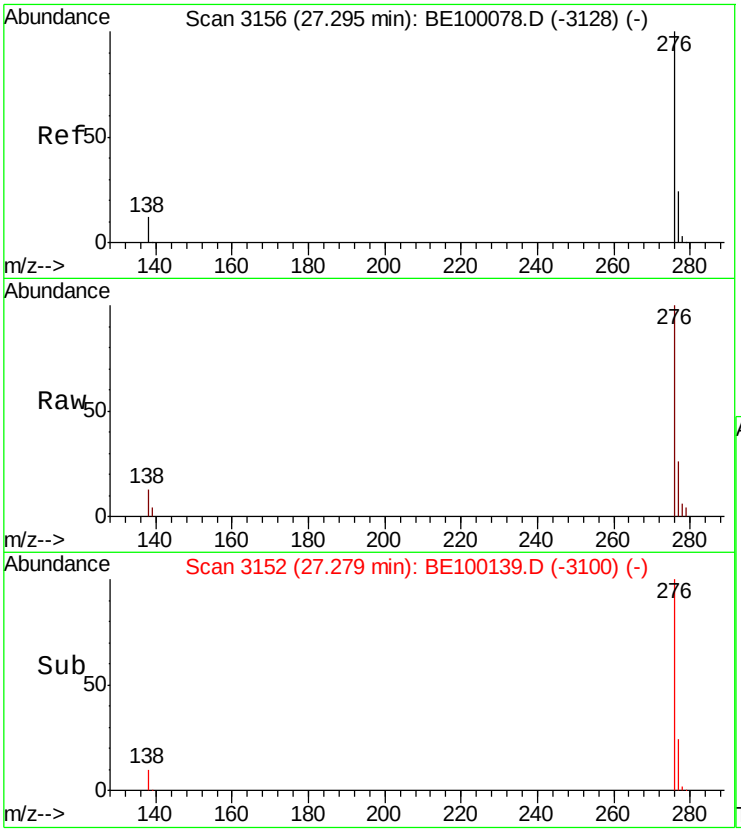


#38
Dibenzo(a,h)anthracene
Concen: 0.293 ng
RT: 26.49 min Scan# 2932
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:278 Resp: 7521

Ion	Ratio	Lower	Upper
278	100		
139	13.0	9.0	13.6
279	28.1	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.362 ng
RT: 27.28 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9633

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.3	30.5
138	13.2	11.3	16.9