Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012020\

Quantitation Report (Not Reviewed)

Data File : BE101102.D
Acq On : 20 Jan 2020 15:05
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jan 21 02:07:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1656	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	7559	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	5461	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	13731	0.40	ng		0.00
27) Chrysene-d12	21.27	240	16315	0.40	ng		-0.01
34) Perylene-d12	23.69	264	19599	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	1716	0.46	ng		-0.01
5) Phenol-d6	6.91	99	1771	0.38	ng		-0.01
8) Nitrobenzene-d5	8.87	82	1959	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	5697	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	527	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	7119	0.34	ng		-0.01
25) Fluoranthene-d10	19.12	212	80205	0.42	ng		-0.01
29) Terphenyl-d14	19.72	244	13383	0.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	1716	0.443	ng		97
3) n-Nitrosodimethylamine	3.60	42	831	0.361	ng	#	87
6) bis(2-Chloroethyl)ether	7.16	93	1843	0.328	ng		96
9) Naphthalene	10.55	128	33211	0.396	ng		99
10) Hexachlorobutadiene	10.84	225	1508	0.424	ng		97
12) 2-Methylnaphthalene	12.18	142	4788	0.377	ng		96
16) Acenaphthylene	14.08	152	8396	0.377	ng		99
17) Acenaphthene	14.41	154	5854	0.368	ng		100
18) Fluorene	15.39	166	7608	0.378	ng		100
20) 4-Bromophenyl-phenylether	16.29	248	2446	0.365	ng		95
21) Hexachlorobenzene	16.40	284	2653	0.361	ng		97
22) Pentachlorophenol	16.76	266	330	0.378	ng		95
23) Phenanthrene	17.14	178	13083	0.349	ng		99
24) Anthracene	17.23	178	13935	0.394	ng		99
26) Fluoranthene	19.15	202	19451	0.414	ng		99
28) Pyrene	19.51	202	20461	0.337	ng		99
30) Benzo(a)anthracene	21.26	228	18048	0.388	ng		98
31) Chrysene	21.31	228	27421	0.396	ng		97
32) Bis(2-ethylhexyl)phthalate	21.20	149	43360	0.559	ng		100
35) Benzo(b)fluoranthene	22.95	252	18314	0.333	ng		99
36) Benzo(k)fluoranthene	22.95	252	18314	0.230	ng		99
37) Benzo(a)pyrene	23.58	252	20090	0.378	ng		99

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

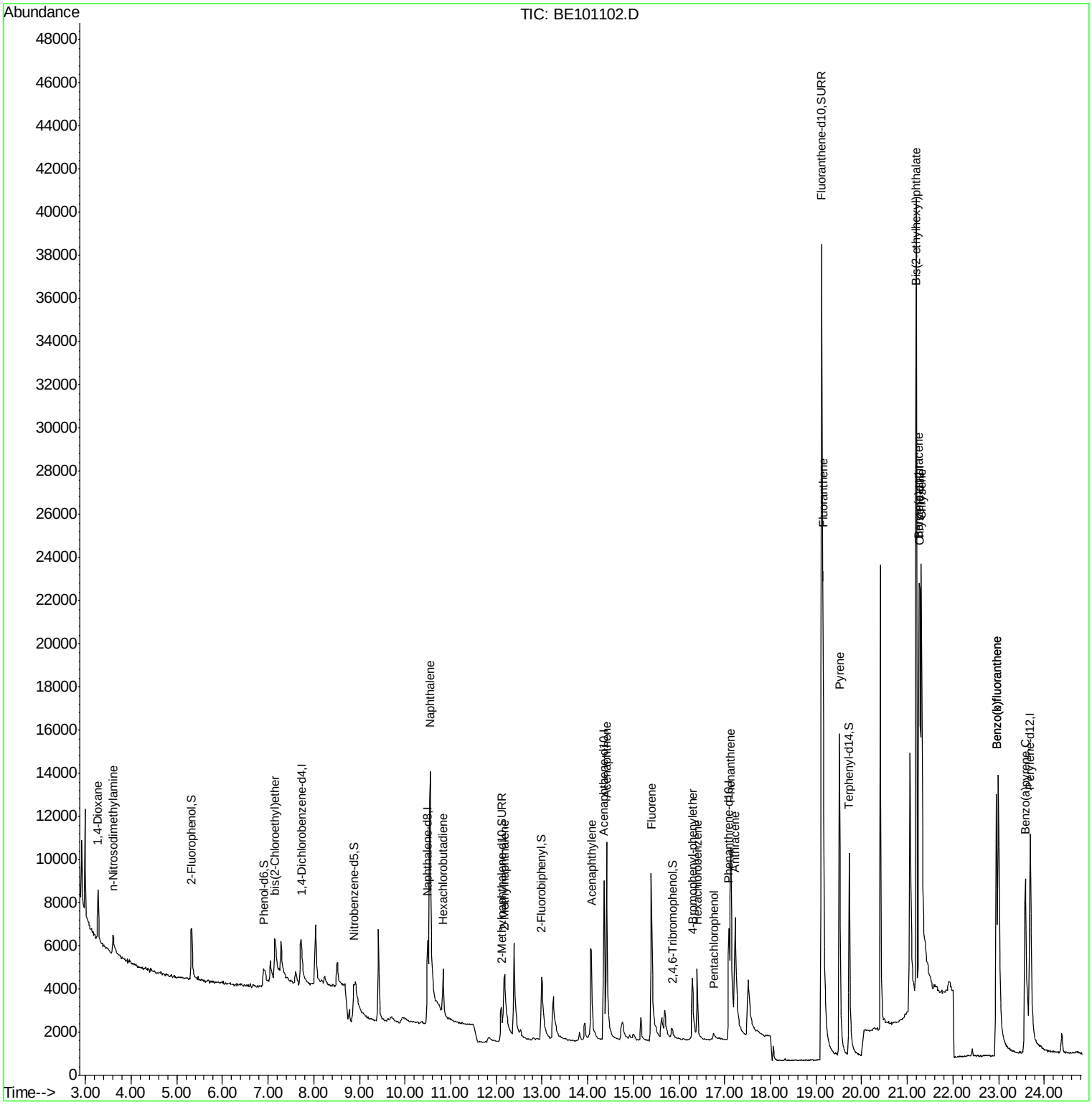
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012020\

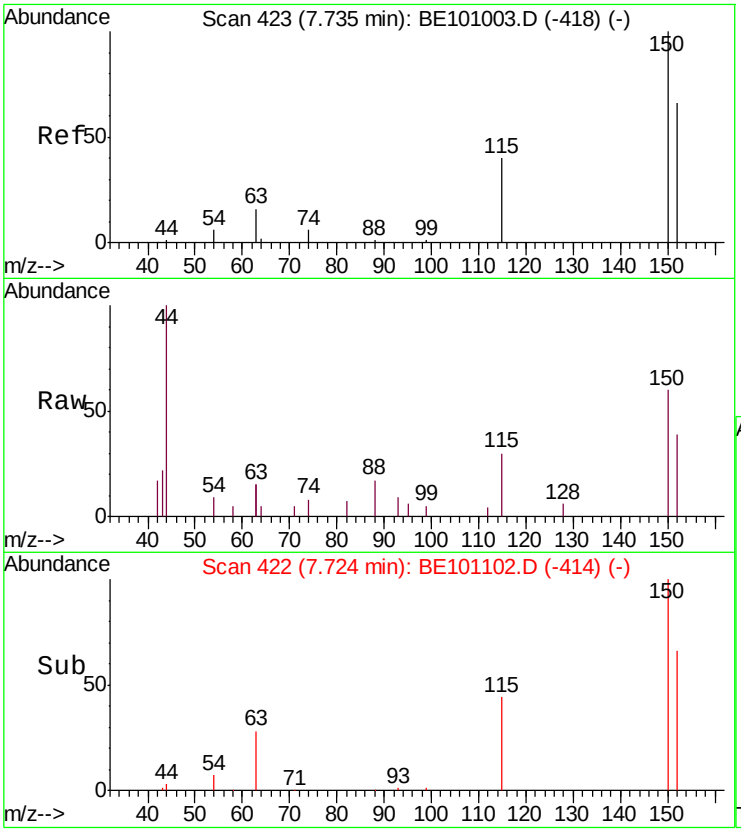
Quantitation Report (Not Reviewed)

Data File : BE101102.D
Acq On : 20 Jan 2020 15:05
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 21 02:07:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



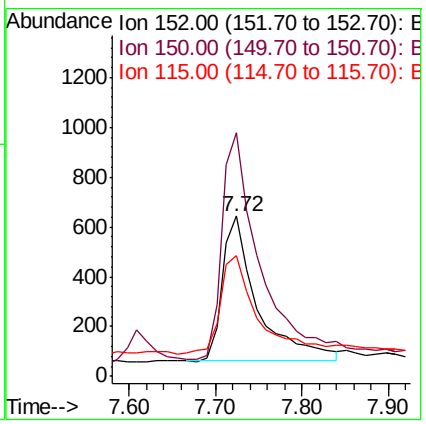


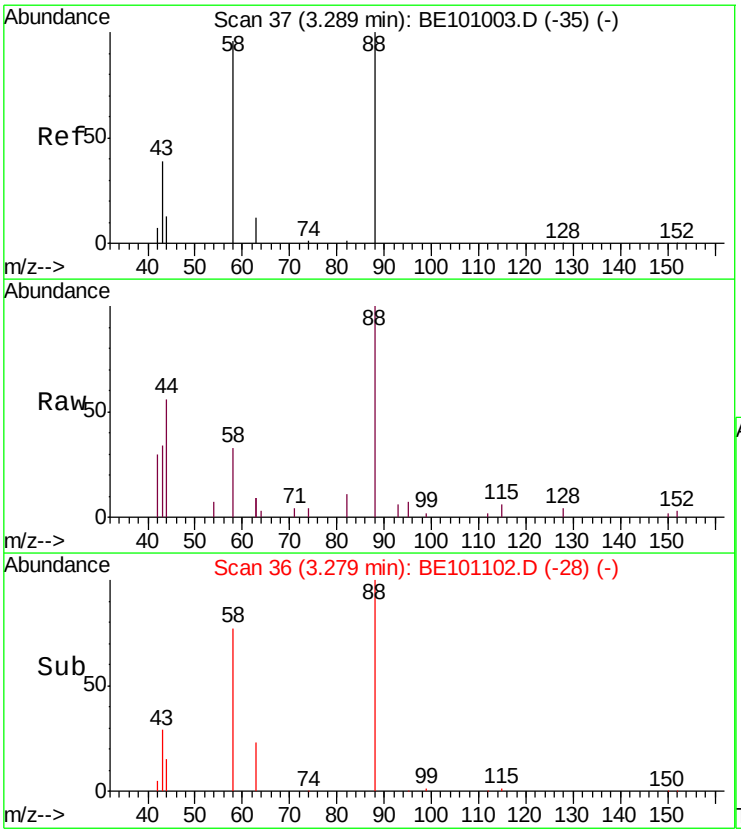
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1656

Ion	Ratio	Lower	Upper
152	100		
150	151.9	120.3	180.5
115	75.5	51.7	77.5

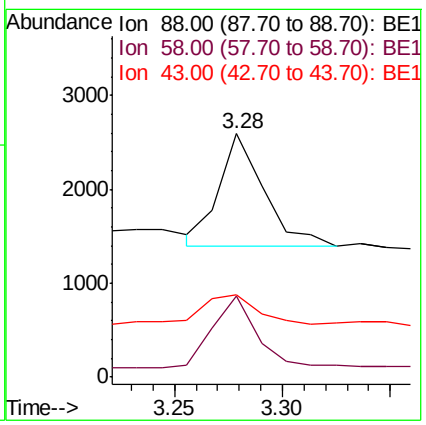


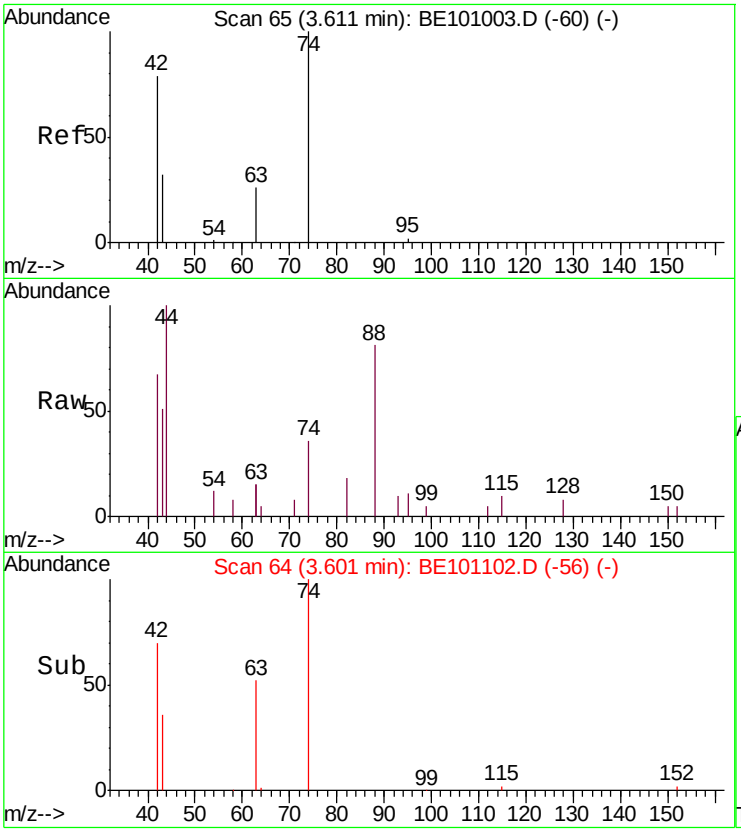


#2
1,4-Dioxane
Concen: 0.443 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion: 88 Resp: 1716

Ion	Ratio	Lower	Upper
88	100		
58	65.4	53.0	79.4
43	33.4	23.4	35.2



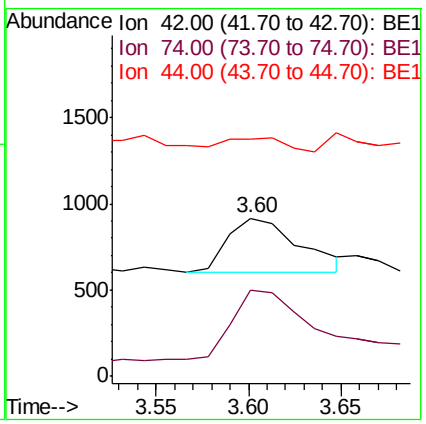


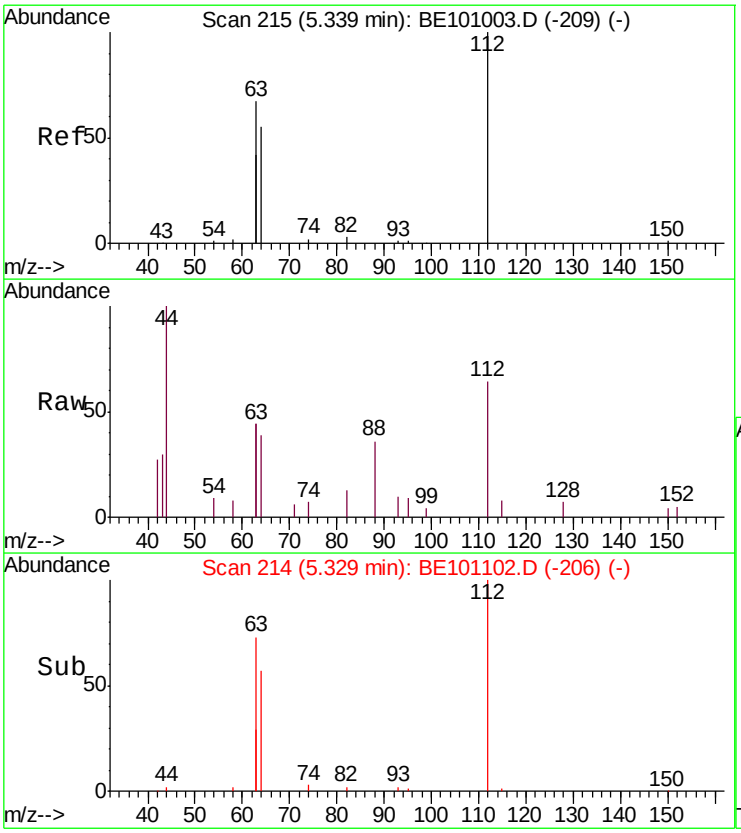
#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 831

Ion	Ratio	Lower	Upper
42	100		
74	146.3	105.7	158.5
44	20.0	10.0	15.0#

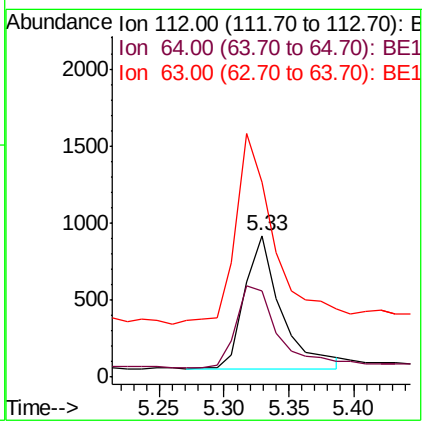


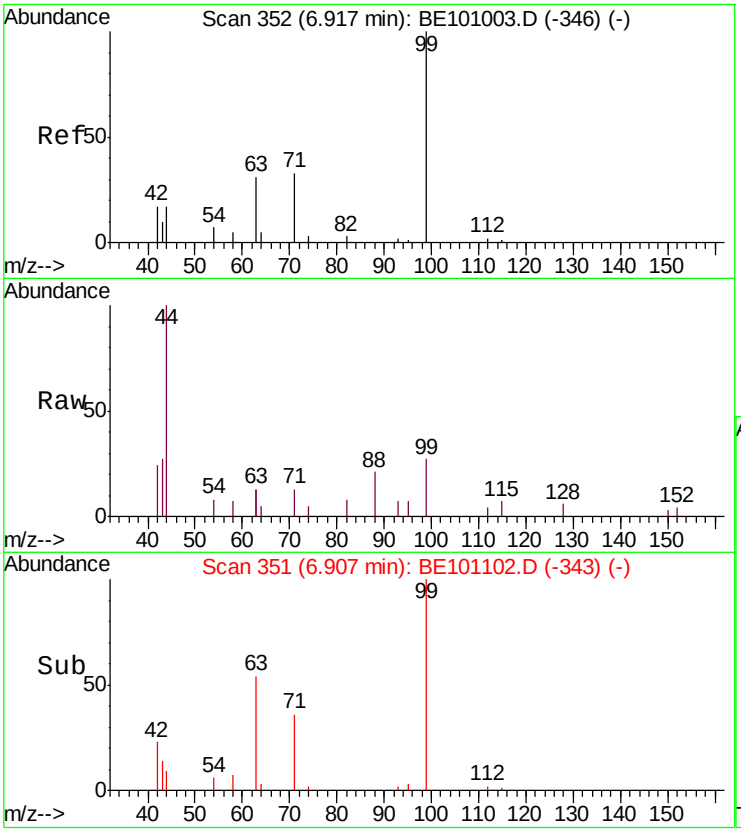


#4
2-Fluorophenol
Concen: 0.460 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:112 Resp: 1716

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.6	80.4
63	152.4	114.6	172.0



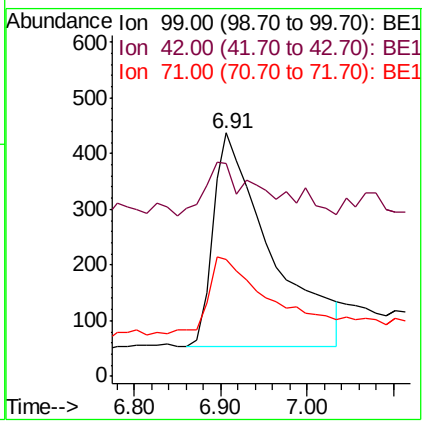


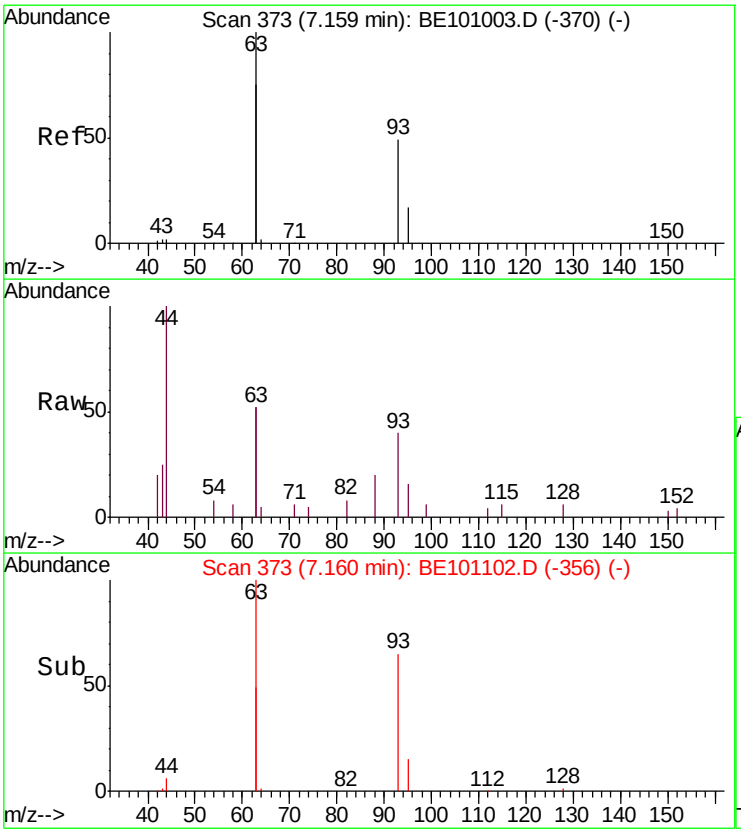
#5
Phenol-d6
Concen: 0.376 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1771

Ion	Ratio	Lower	Upper
99	100		
42	26.0	18.3	27.5
71	38.0	28.0	42.0

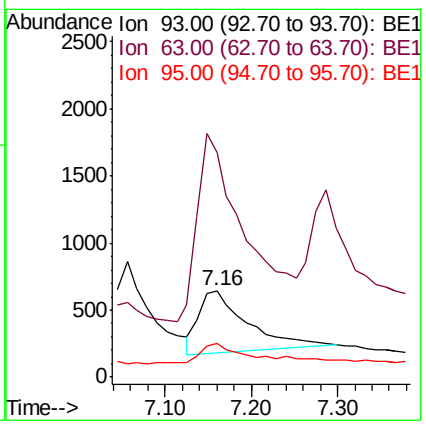


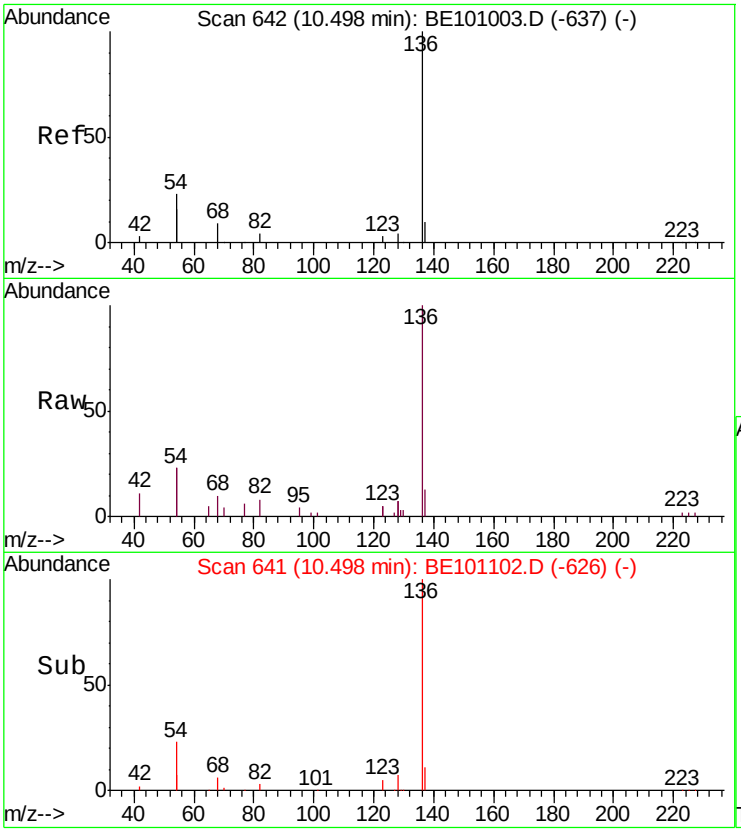


#6
bis(2-Chloroethyl)ether
Concen: 0.328 ng
RT: 7.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion: 93 Resp: 1843

Ion	Ratio	Lower	Upper
93	100		
63	298.3	233.9	350.9
95	34.3	23.5	35.3



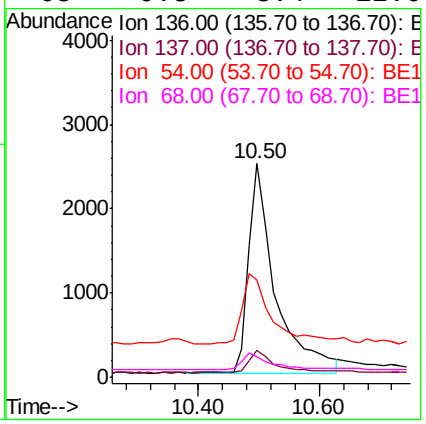


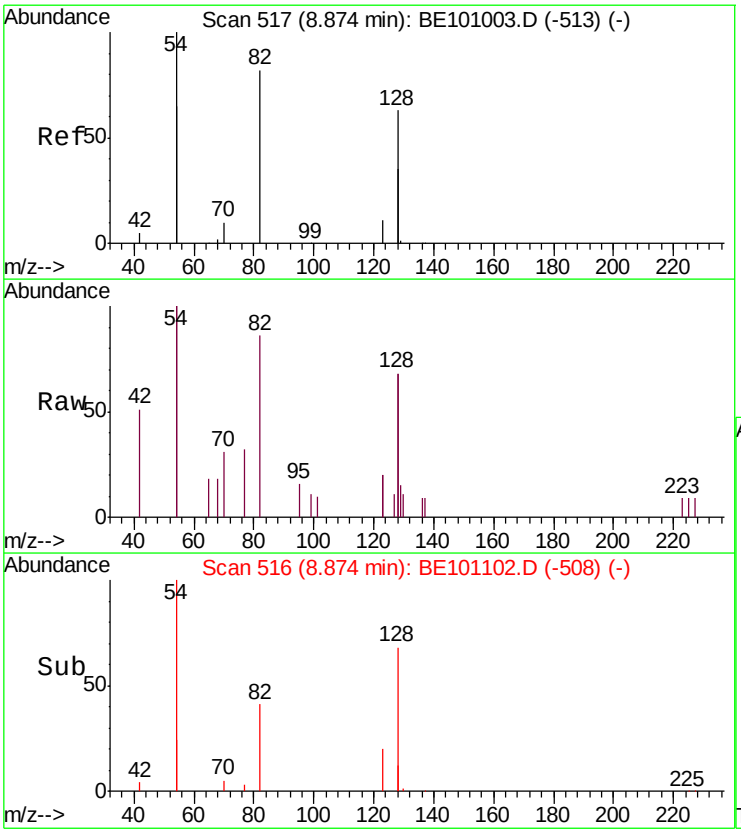
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 7559

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.3	13.9
54	45.7	36.8	55.2
68	9.8	8.4	12.6

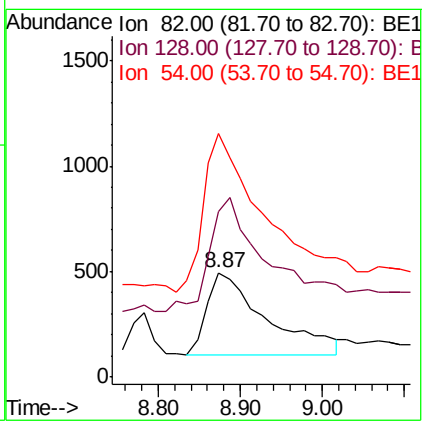


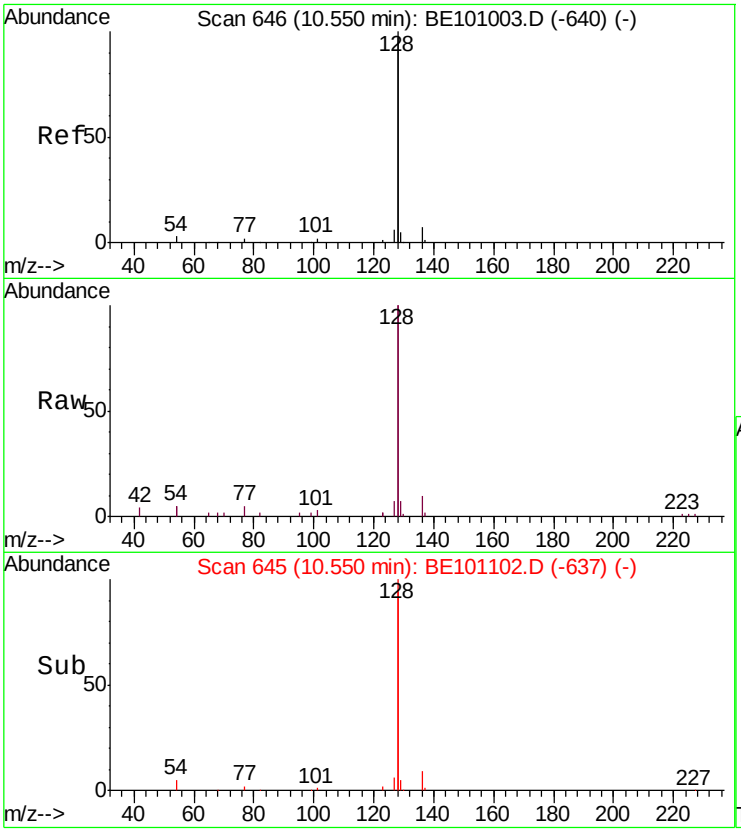


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion: 82 Resp: 1959

Ion	Ratio	Lower	Upper
82	100		
128	159.1	109.8	164.6
54	233.6	174.5	261.7



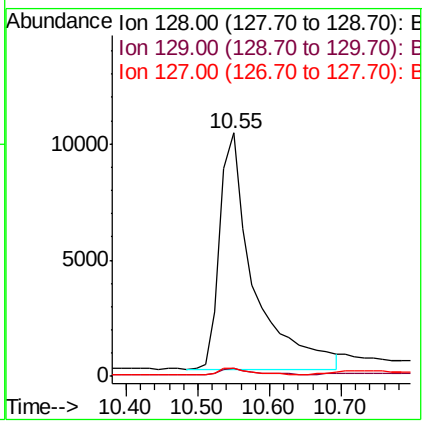


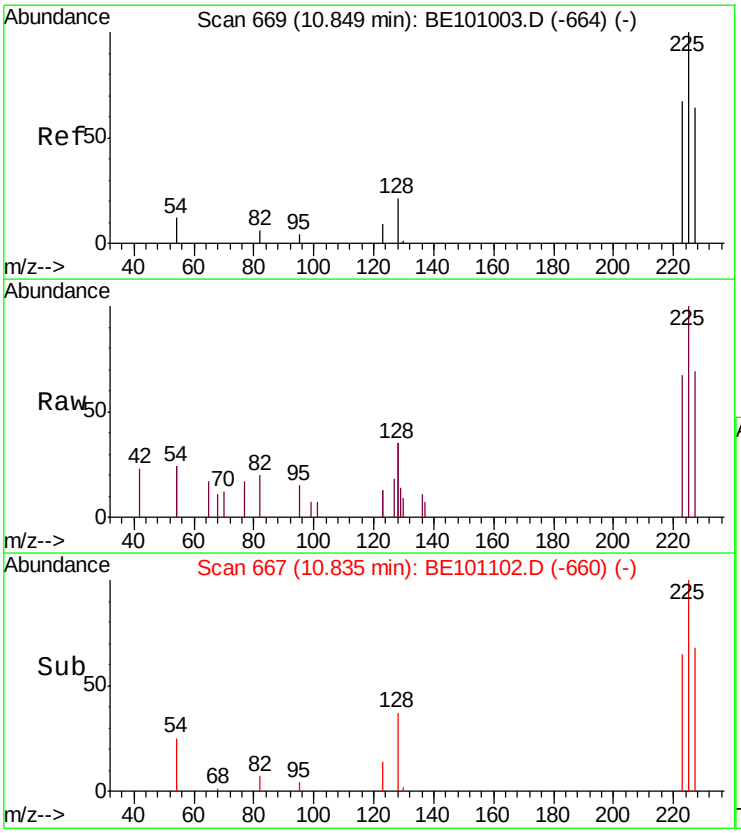
#9
Naphthalene
Concen: 0.396 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 33211

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.3	3.5
127	3.5	2.7	4.1

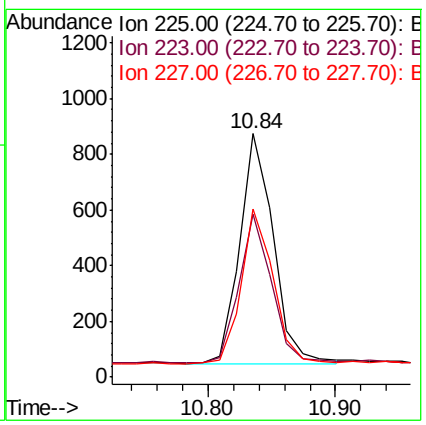


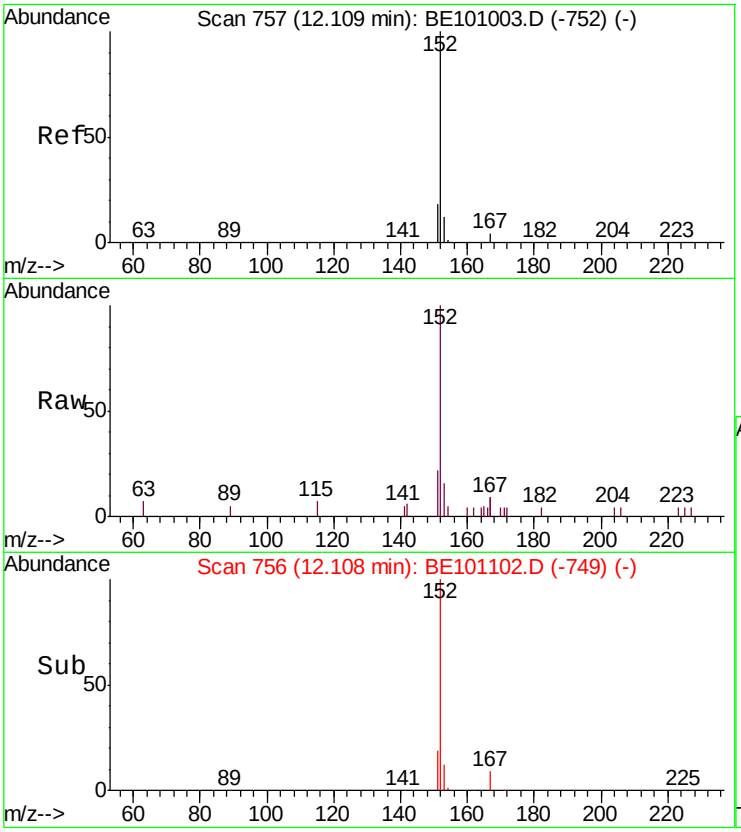


#10
Hexachlorobutadiene
Concen: 0.424 ng
RT: 10.84 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:225 Resp: 1508

Ion	Ratio	Lower	Upper
225	100		
223	61.8	52.2	78.4
227	64.1	49.9	74.9



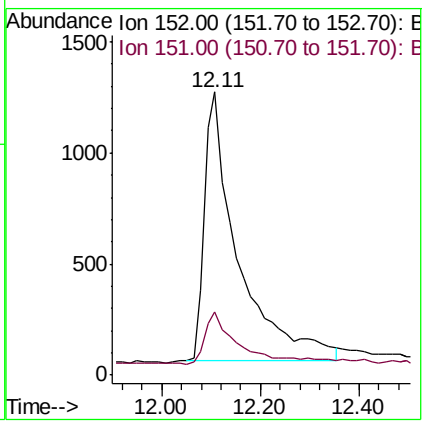


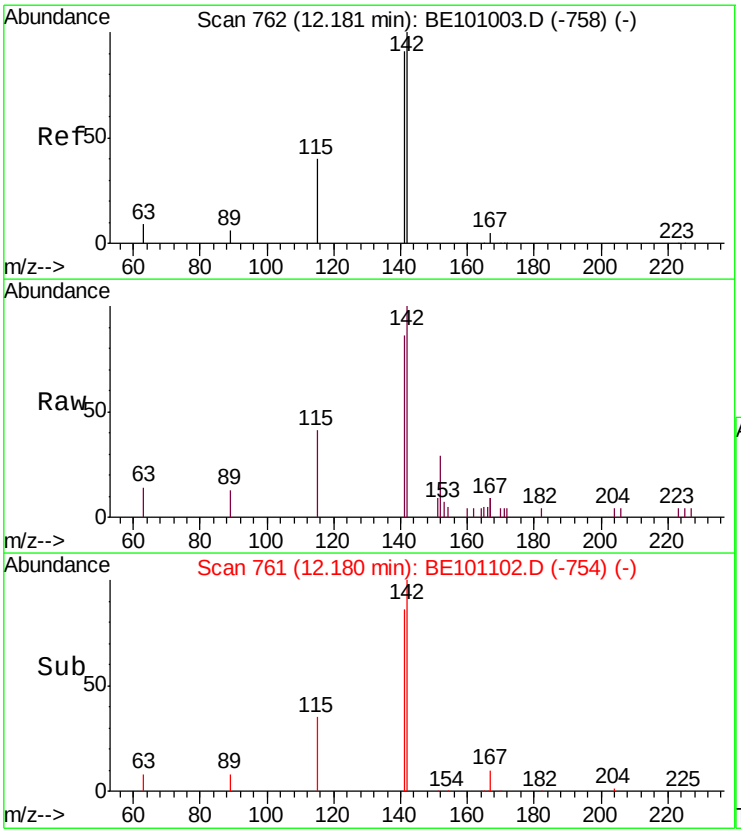
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5697

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.6

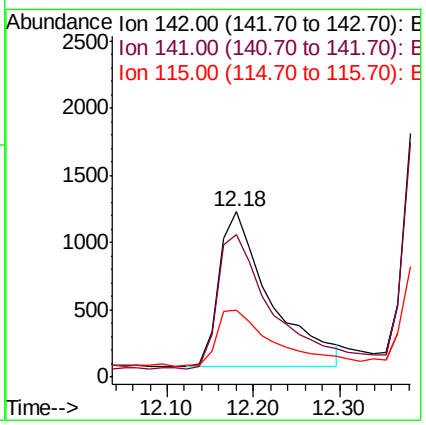


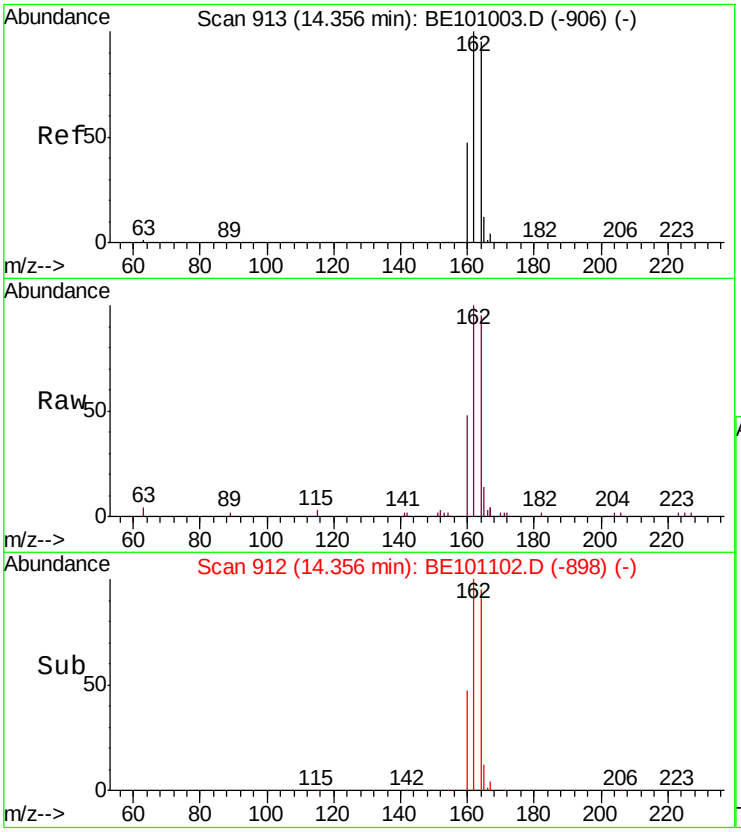


#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:142 Resp: 4788

Ion	Ratio	Lower	Upper
142	100		
141	86.1	72.5	108.7
115	40.5	33.0	49.6



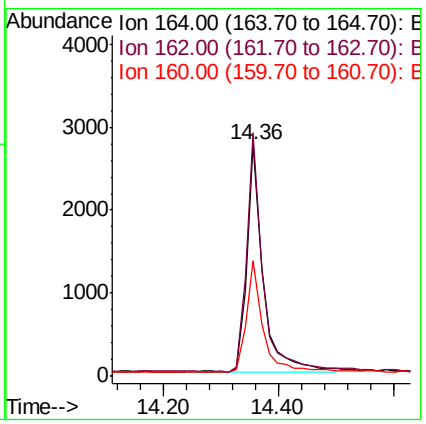


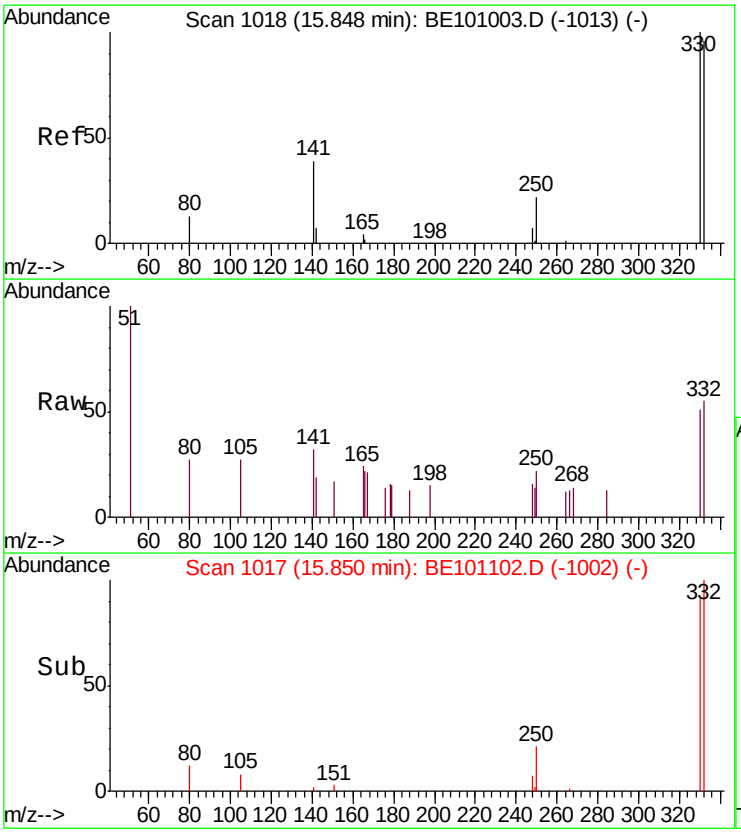
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5461

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.1	126.1
160	49.9	40.4	60.6

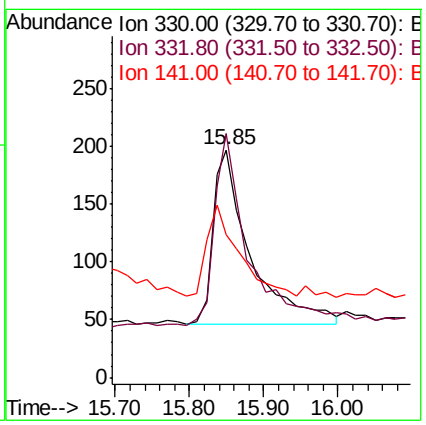


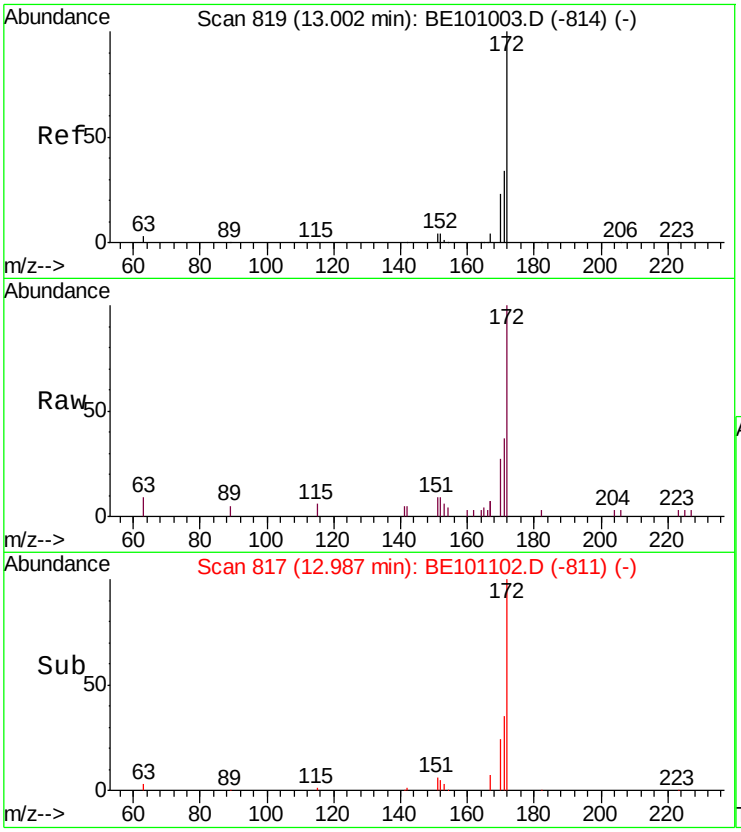


#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:330 Resp: 527

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.4	117.6
141	45.7	37.0	55.4



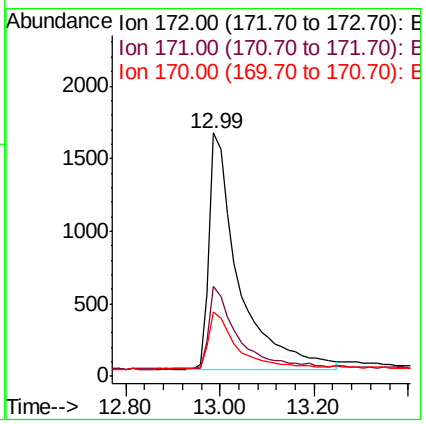


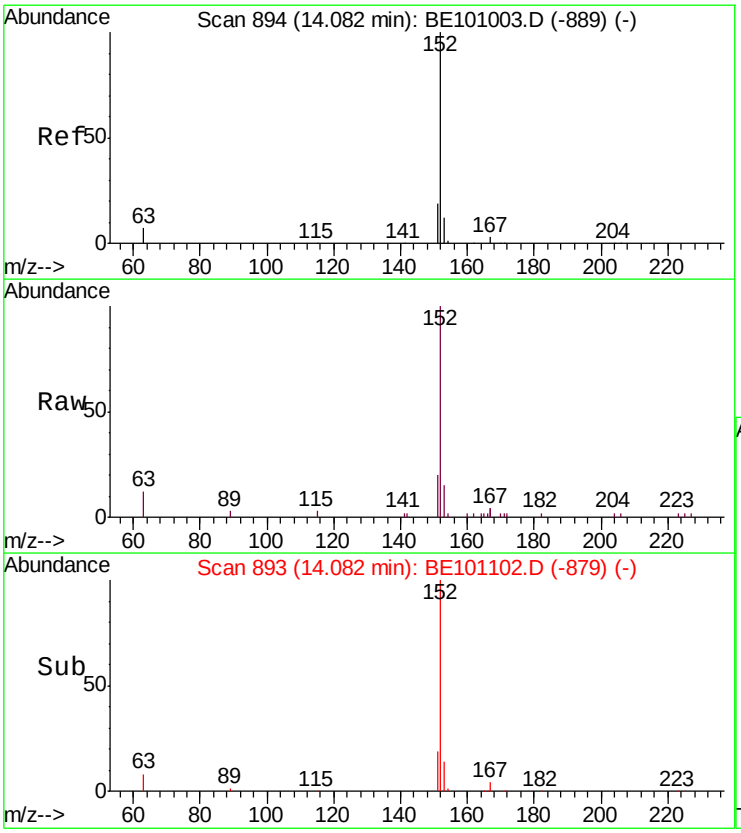
#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 7119

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.2	42.2
170	26.6	18.9	28.3

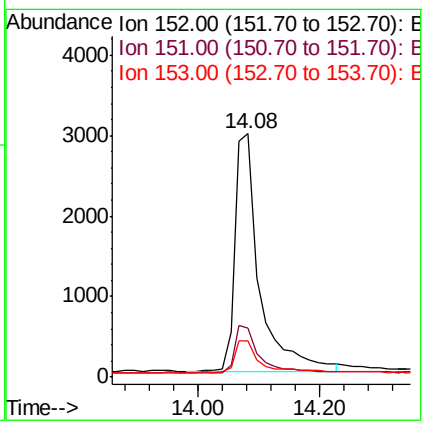


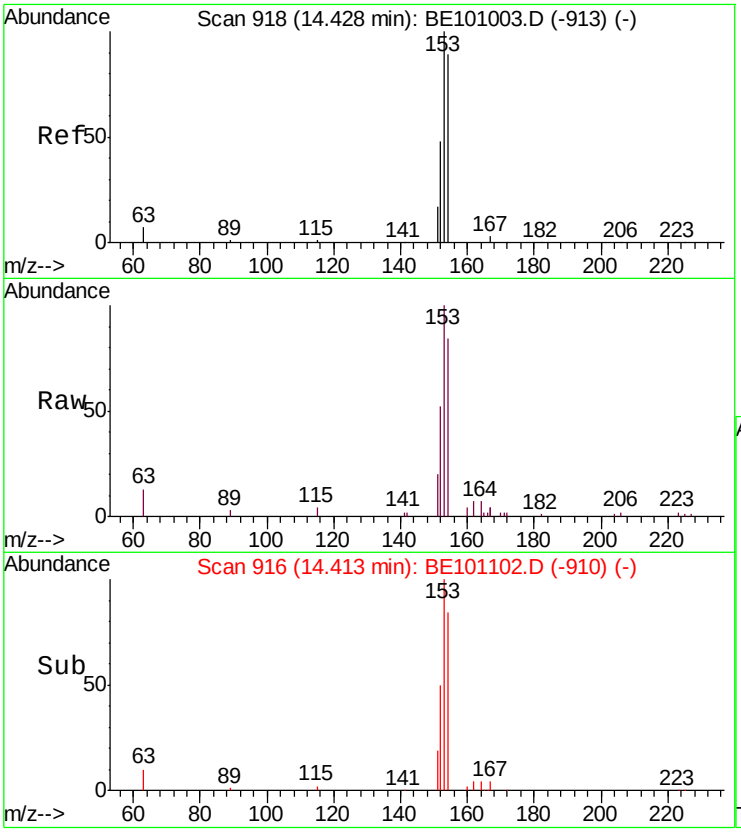


#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:152 Resp: 8396

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.4	10.4	15.6



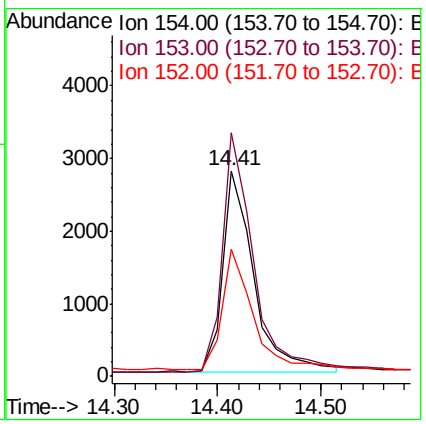


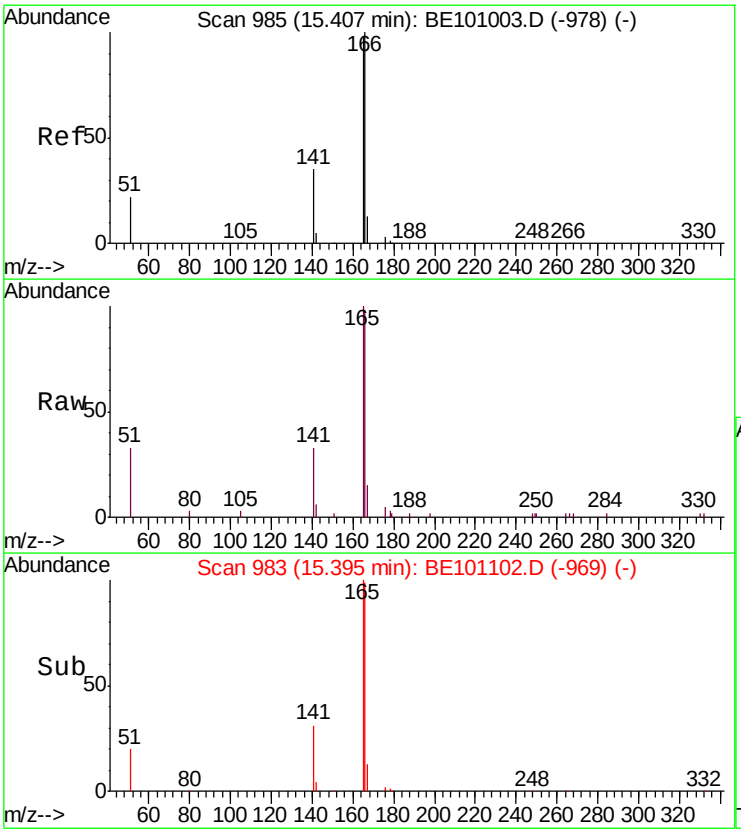
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 5854

Ion	Ratio	Lower	Upper
154	100		
153	117.5	93.6	140.4
152	57.7	46.3	69.5

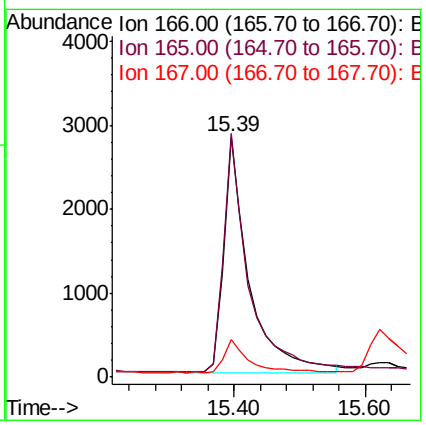


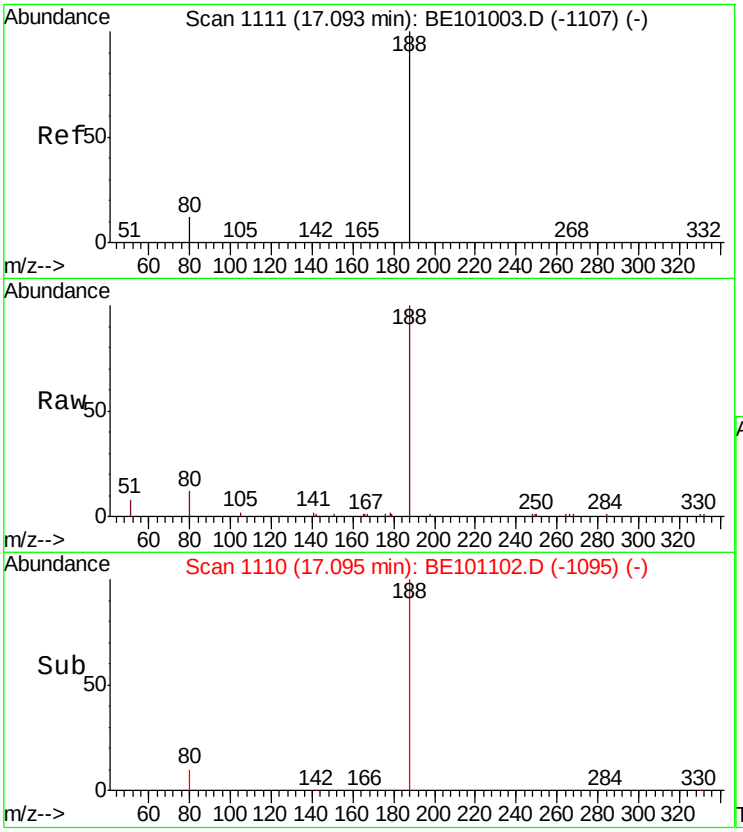


#18
Fluorene
Concen: 0.378 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:166 Resp: 7608

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.8	11.0	16.6



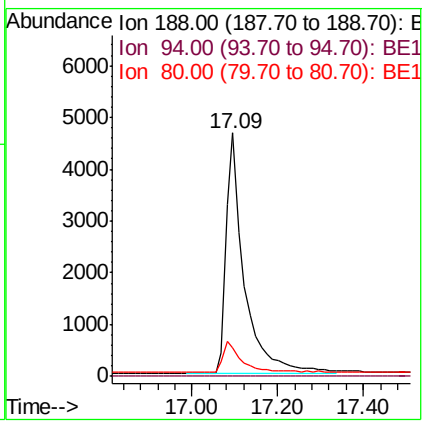


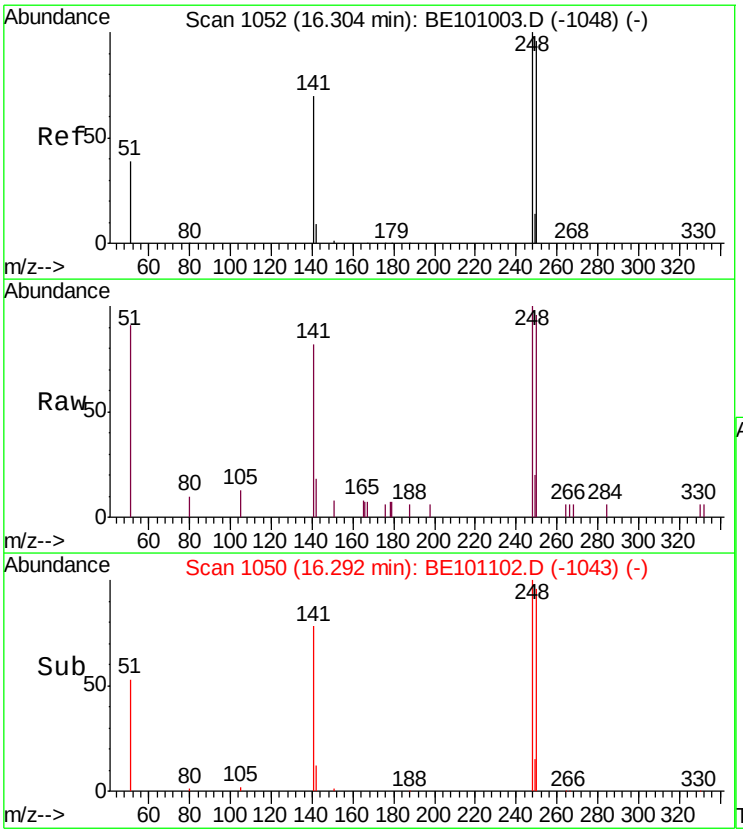
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 13731

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	10.8	16.2

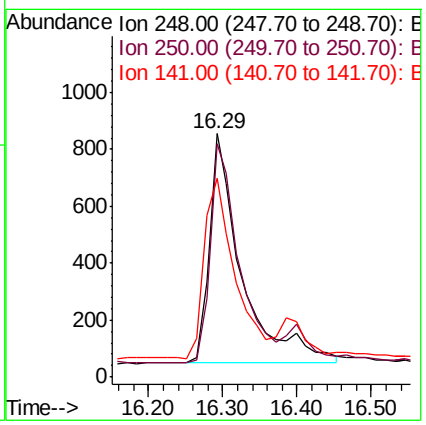


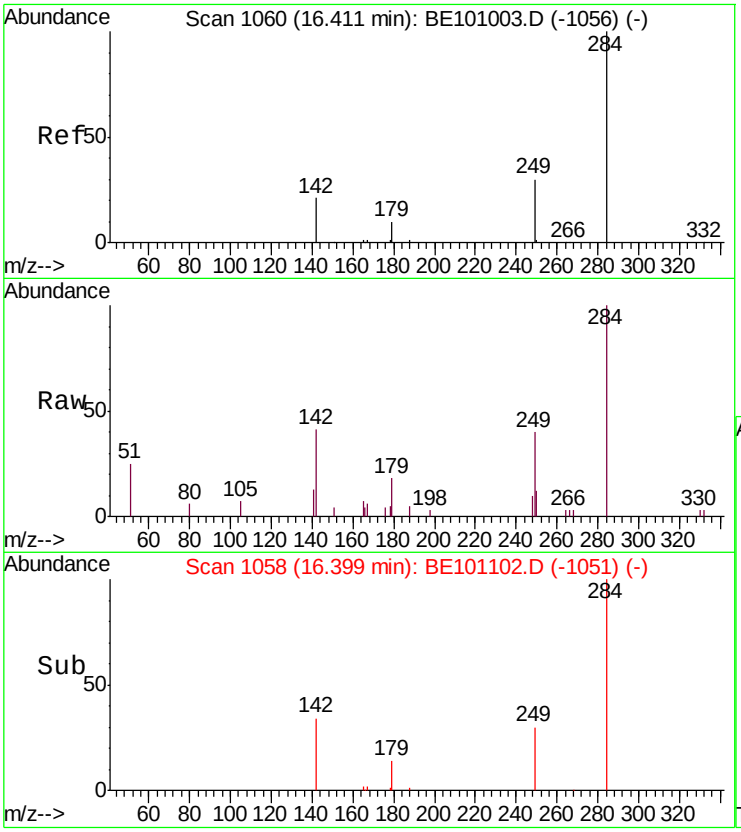


#20
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:248 Resp: 2446

Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.6	115.0
141	81.5	57.7	86.5



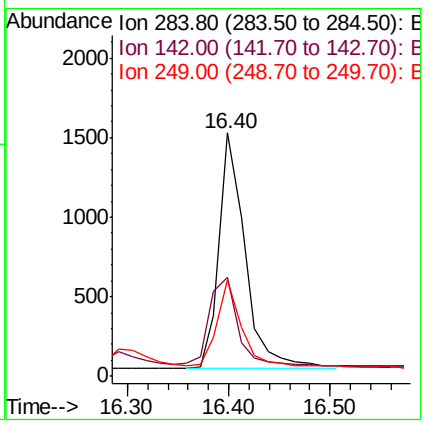


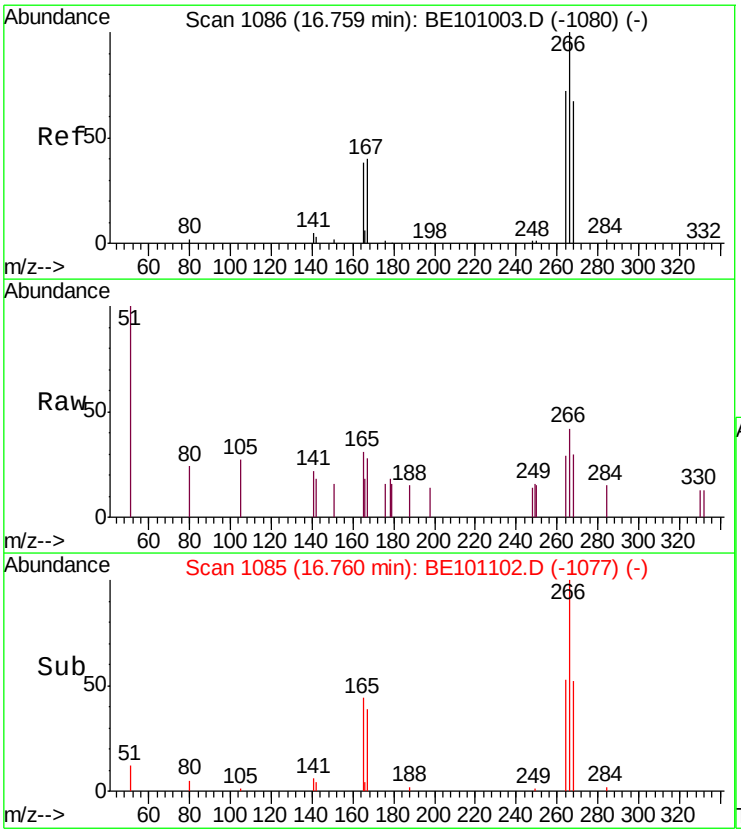
#21
Hexachlorobenzene
Concen: 0.361 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2653

Ion	Ratio	Lower	Upper
284	100		
142	40.6	34.0	51.0
249	33.2	28.2	42.4

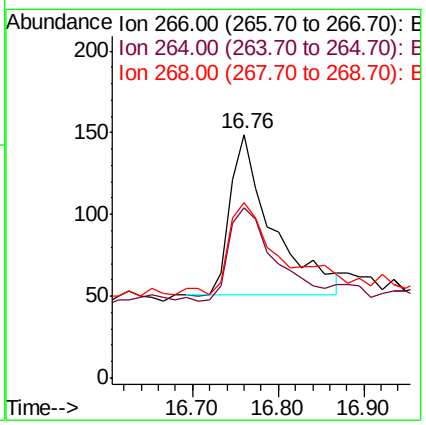


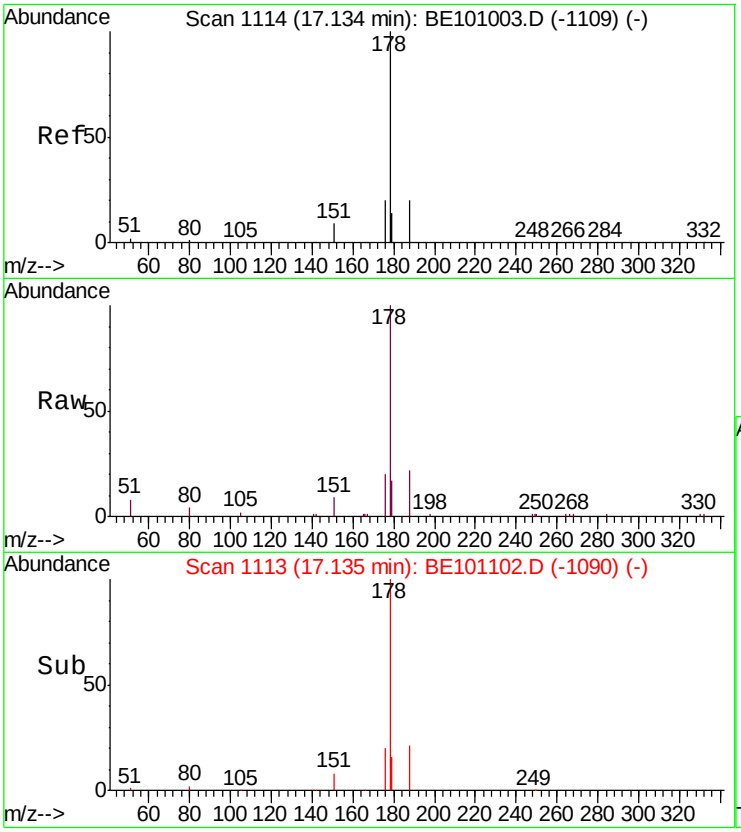


#22
Pentachlorophenol
Concen: 0.378 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:266 Resp: 330

Ion	Ratio	Lower	Upper
266	100		
264	69.8	61.0	91.4
268	71.8	58.5	87.7



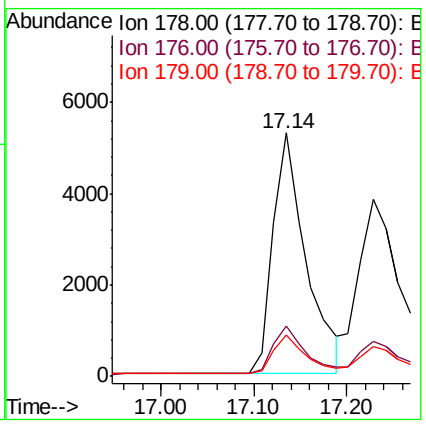


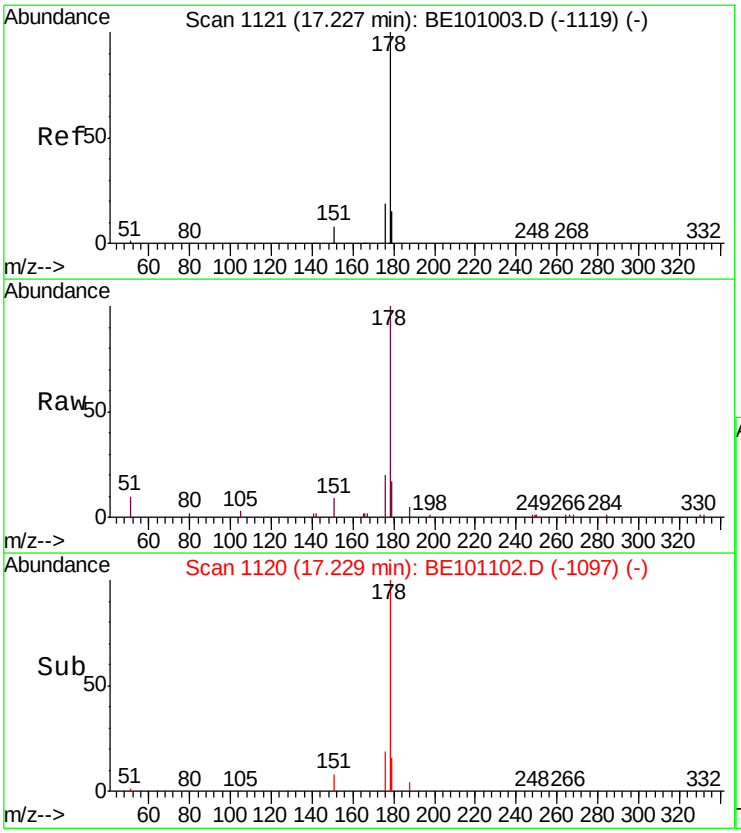
#23
Phenanthrene
Concen: 0.349 ng
RT: 17.14 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 13083

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.7	12.0	18.0

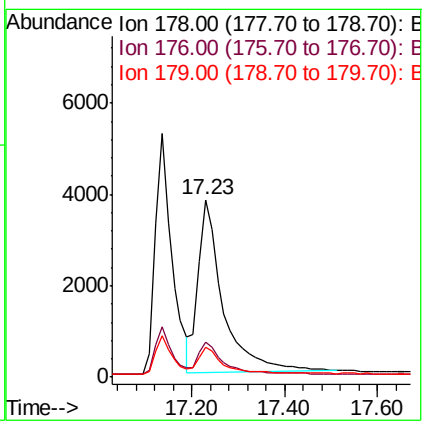


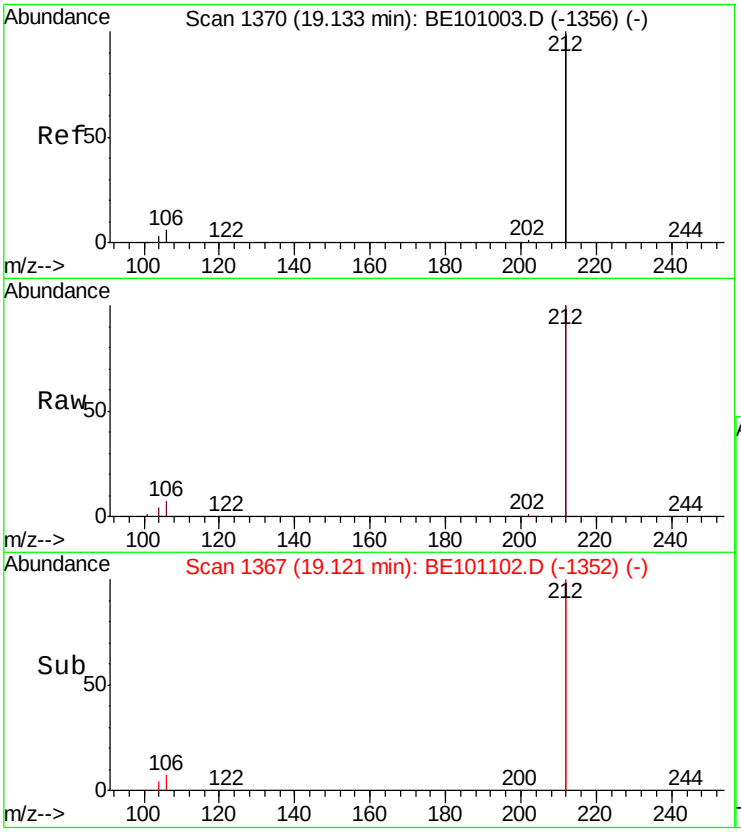


#24
Anthracene
Concen: 0.394 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:178 Resp: 13935

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	15.8	12.4	18.6



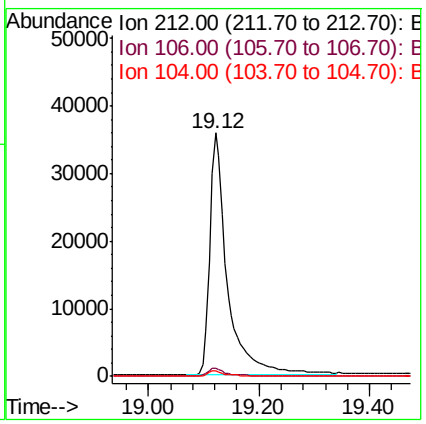


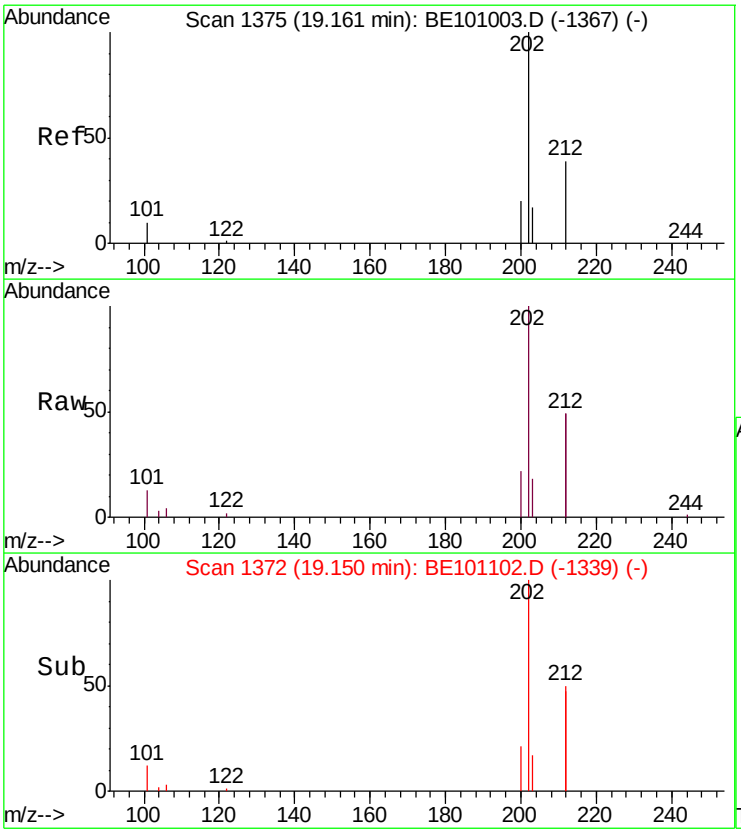
#25
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 80205

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.8	1.4	2.0

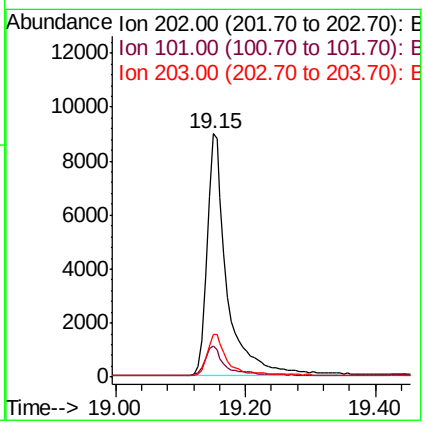


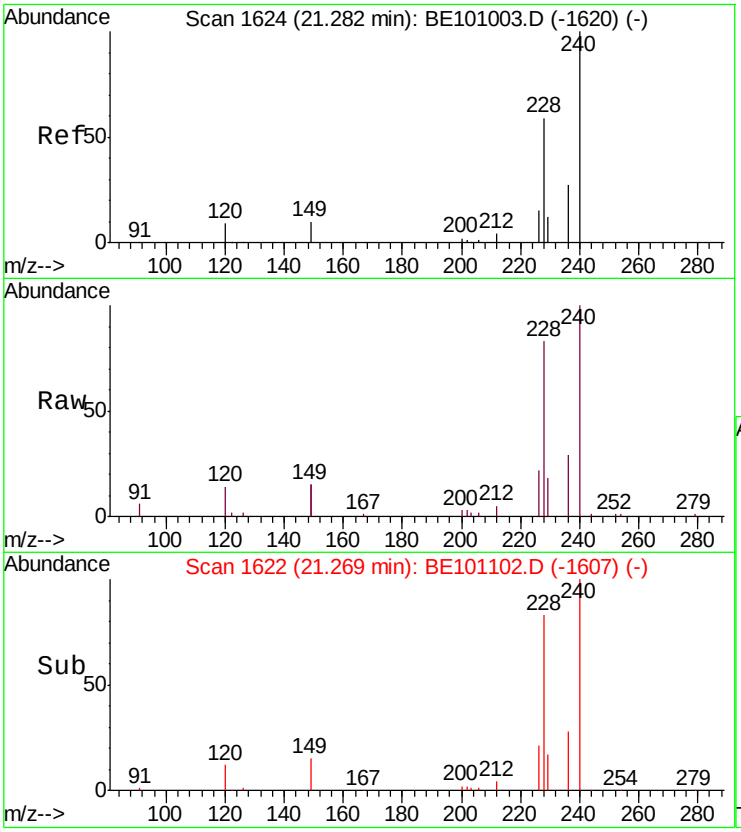


#26
Fluoranthene
Concen: 0.414 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:202 Resp: 19451

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.6	14.4
203	16.7	13.8	20.6



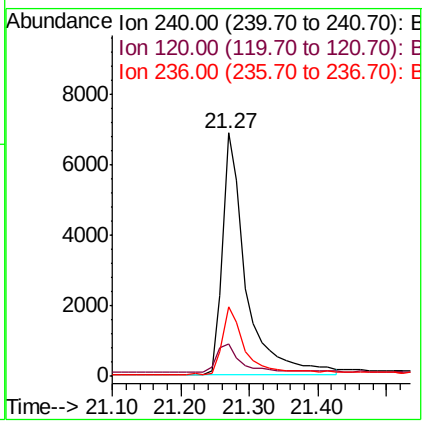


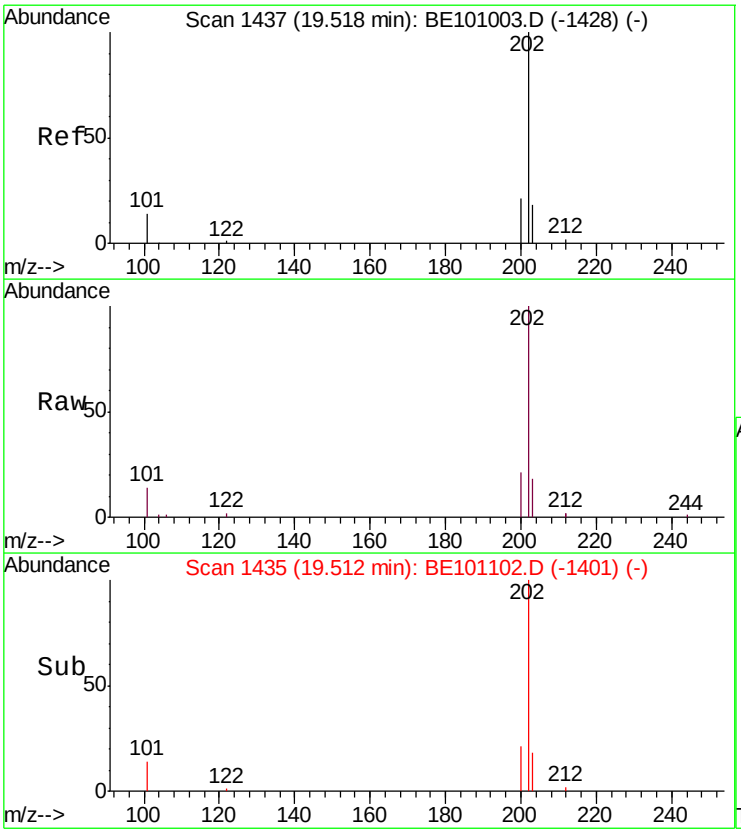
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 16315

Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.6	13.0#
236	28.5	22.2	33.4

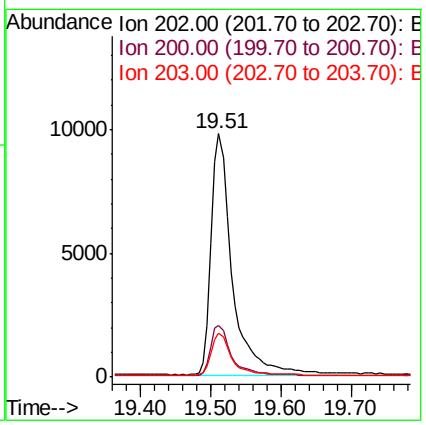


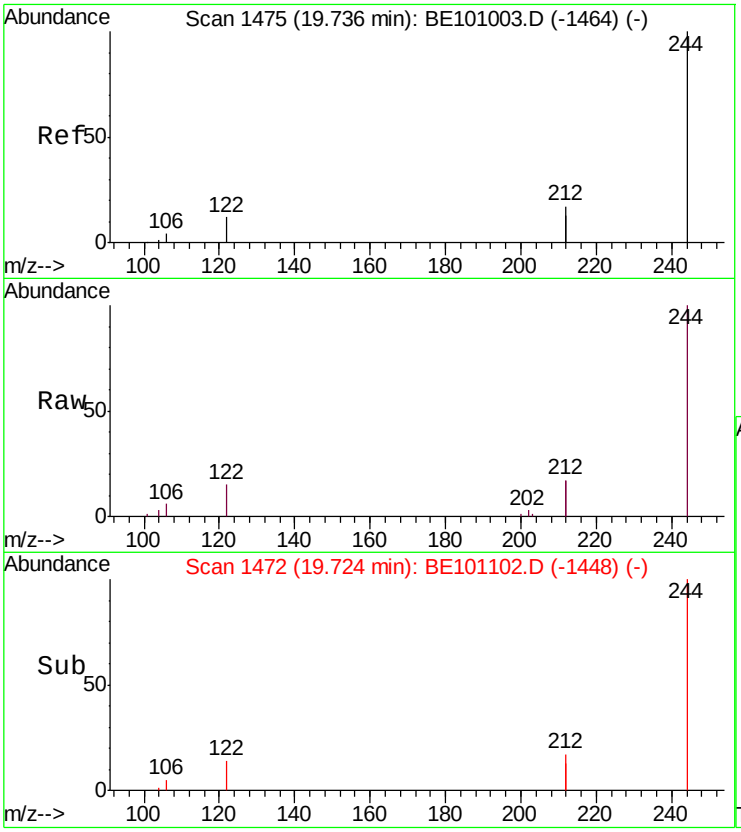


#28
Pyrene
Concen: 0.337 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:202 Resp: 20461

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	17.6	13.8	20.6



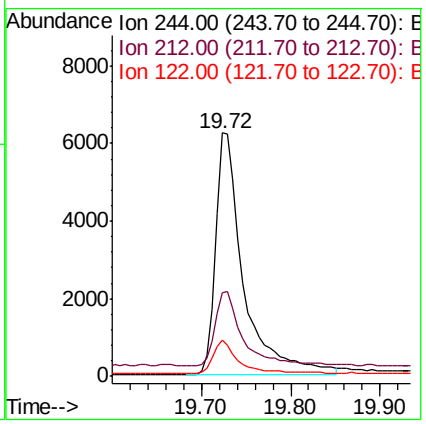


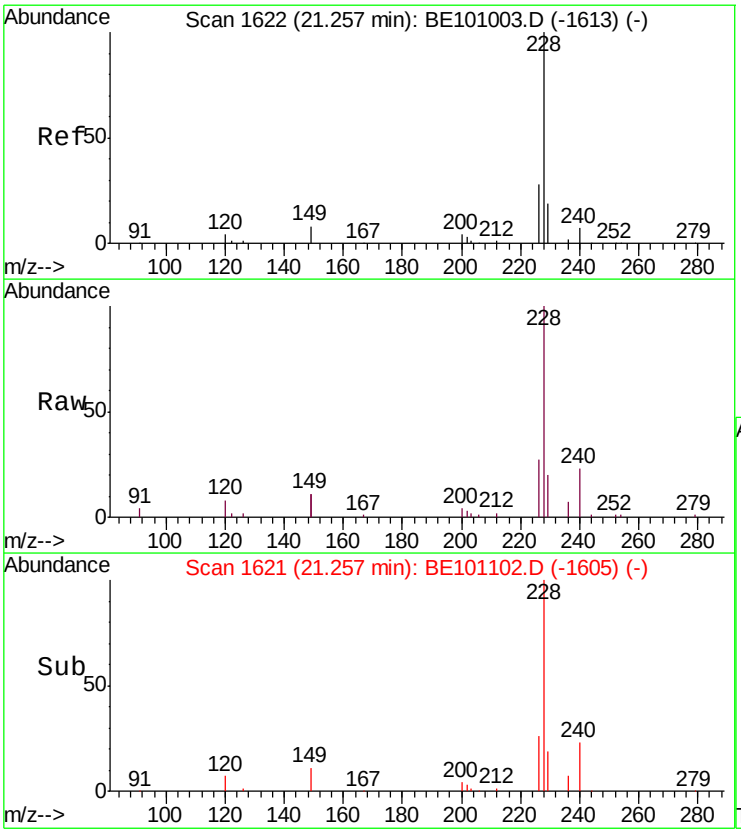
#29
Terphenyl-d14
Concen: 0.334 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 13383

Ion	Ratio	Lower	Upper
244	100		
212	34.4	27.2	40.8
122	14.7	9.8	14.8

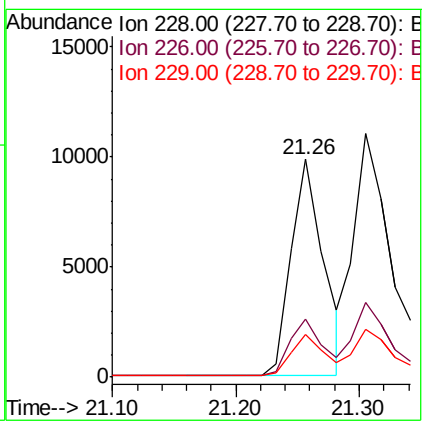


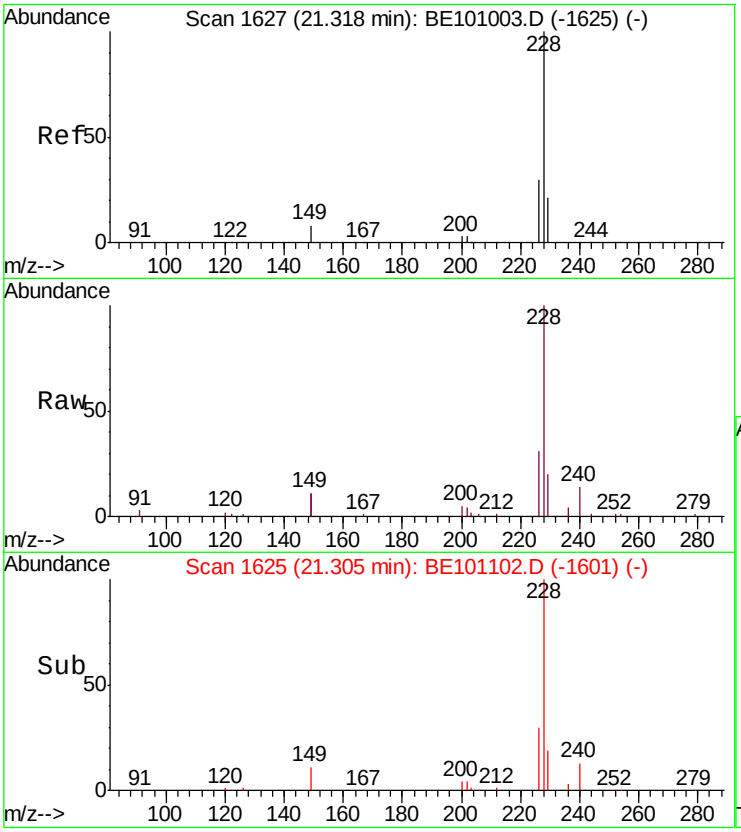


#30
Benzo(a)anthracene
Concen: 0.388 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:228 Resp: 18048

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.7	34.1
229	19.8	15.5	23.3



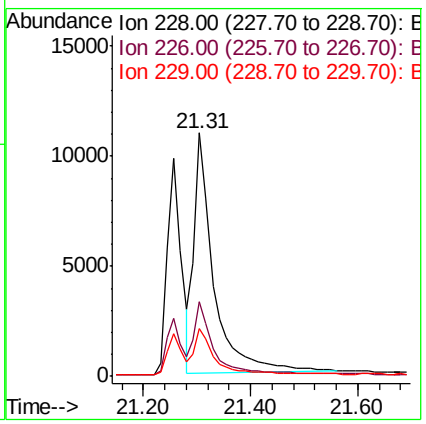


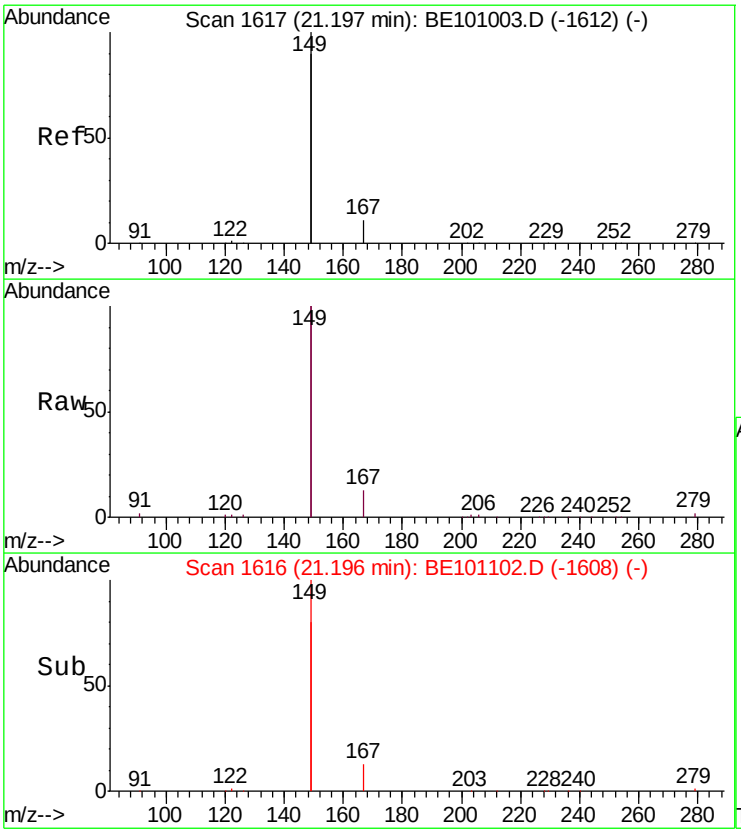
#31
Chrysene
Concen: 0.396 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 27421

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.5	35.3
229	19.6	16.7	25.1

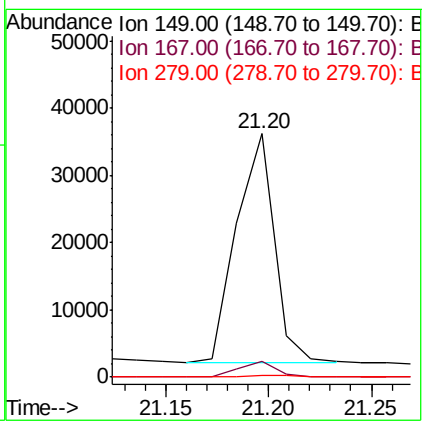


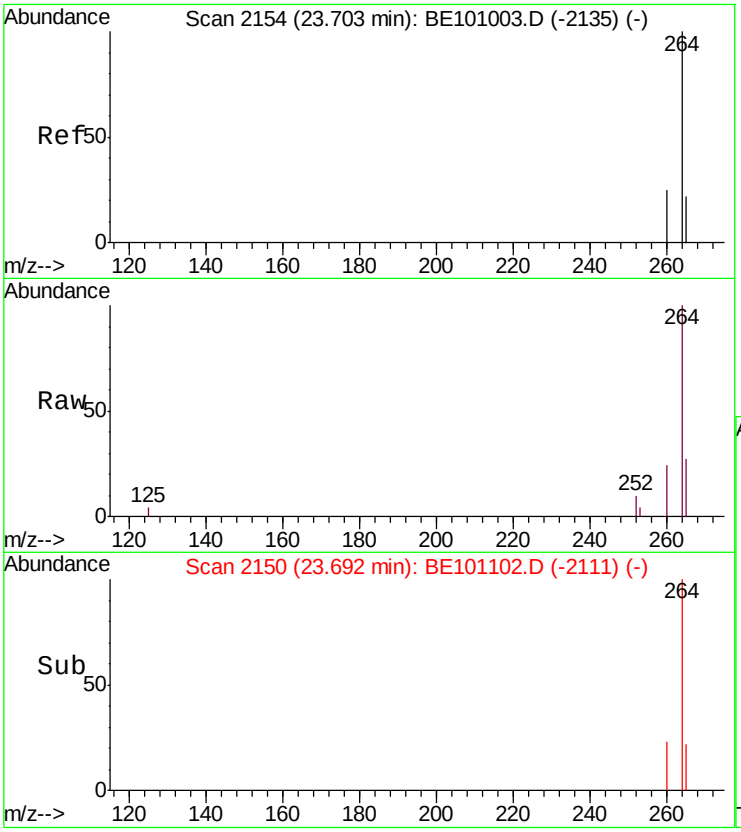


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.559 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:149 Resp: 43360

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.2	7.8
279	0.9	0.8	1.2



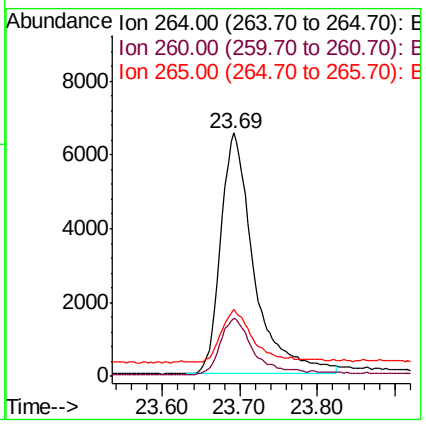


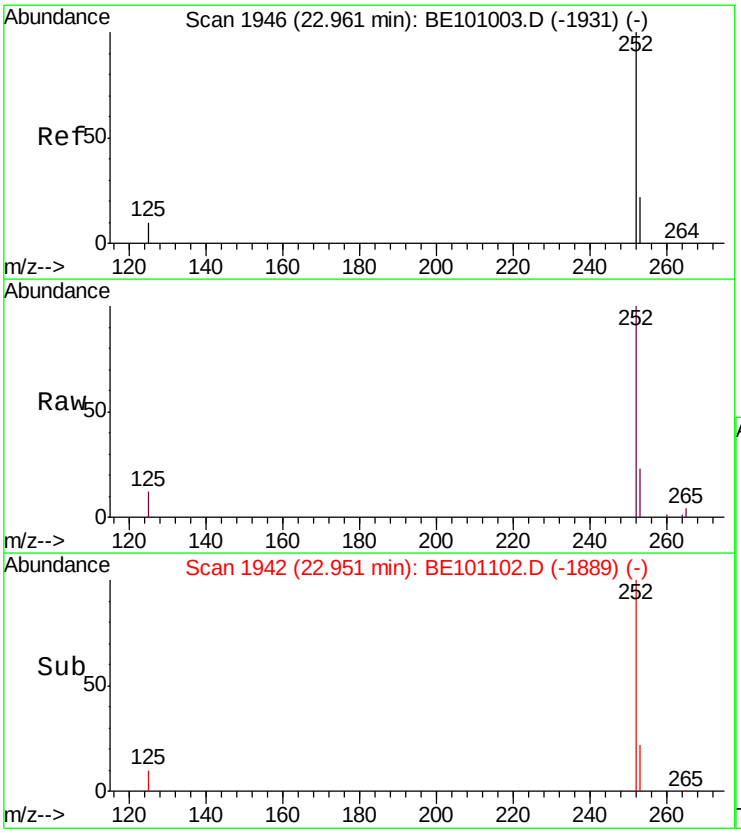
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 19599

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	27.3	27.0	40.4

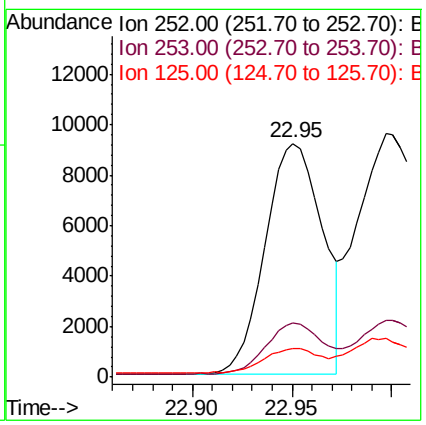


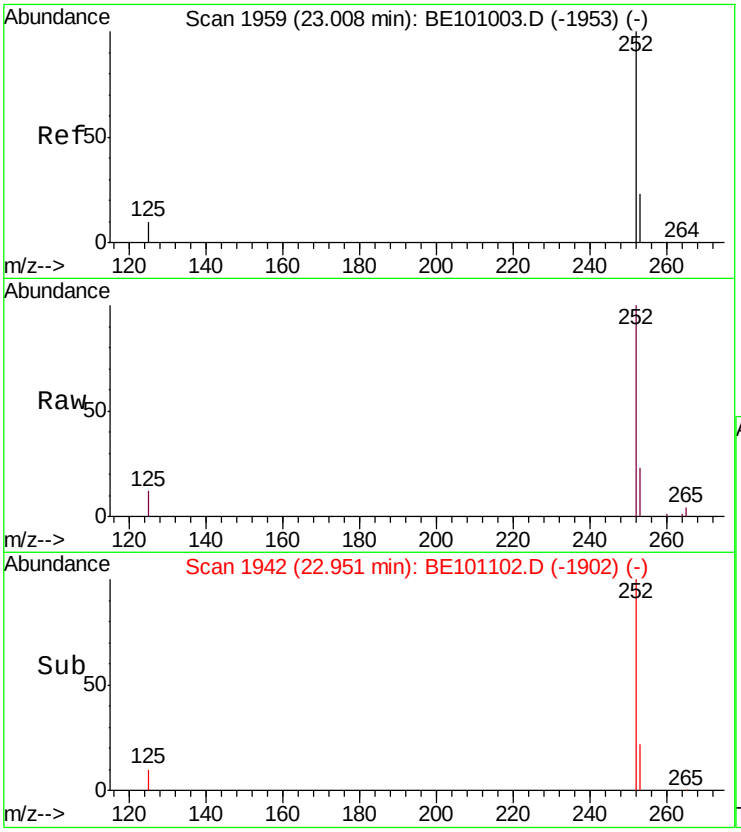


#35
Benzo(b)fluoranthene
Concen: 0.333 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:252 Resp: 18314

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	12.3	9.5	14.3



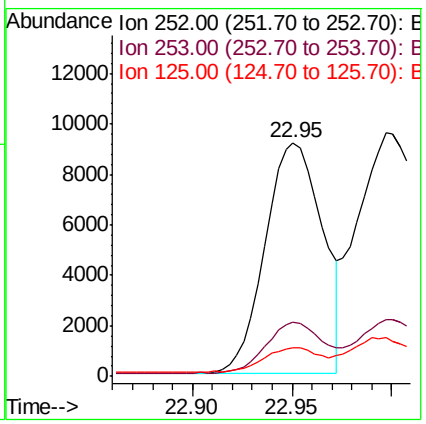


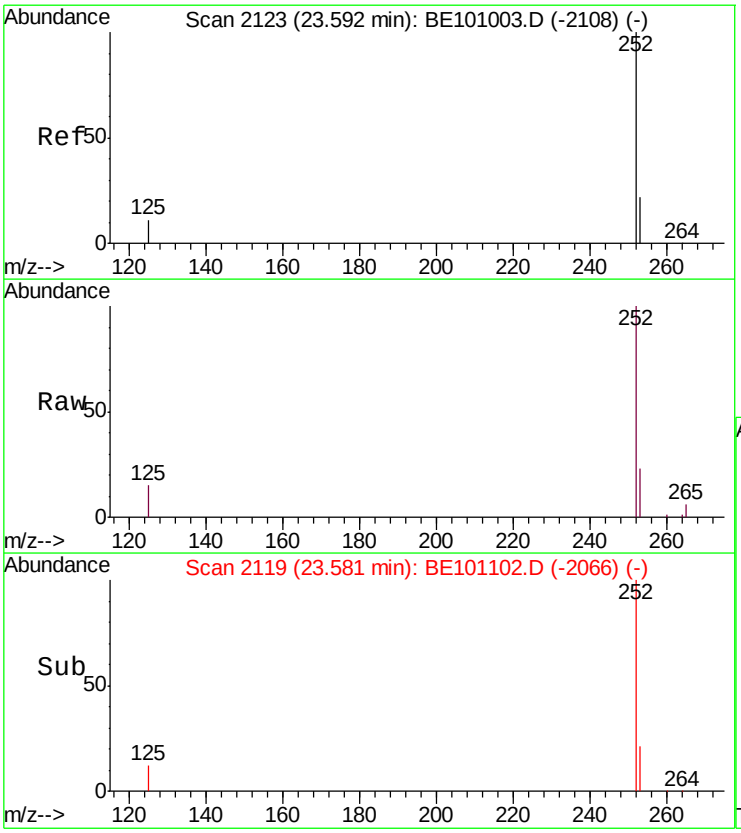
#36
Benzo(k)fluoranthene
Concen: 0.230 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.06 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 18314

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	12.3	10.1	15.1





#37
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.58 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:252 Resp: 20090

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.4	29.2
125	14.7	11.8	17.6