Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011520\

Quantitation Report (Not Reviewed)

Data File : BE101068.D
Acq On : 15 Jan 2020 21:33
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jan 16 04:15:49 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	3545	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	15465	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	8561	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	18152	0.40	ng		0.00
27) Chrysene-d12	21.27	240	17220	0.40	ng		-0.01
34) Perylene-d12	23.69	264	24279	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	4051	0.51	ng		-0.01
5) Phenol-d6	6.91	99	4814	0.48	ng		-0.01
8) Nitrobenzene-d5	8.87	82	4764	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	10803	0.37	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	961	0.40	ng		-0.01
15) 2-Fluorobiphenyl	12.99	172	13245	0.41	ng		-0.01
25) Fluoranthene-d10	19.12	212	97538	0.39	ng		-0.01
29) Terphenyl-d14	19.72	244	15834	0.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	3283	0.377	ng		95
3) n-Nitrosodimethylamine	3.60	42	2248	0.456	ng	#	88
6) bis(2-Chloroethyl)ether	7.16	93	4692	0.390	ng		96
9) Naphthalene	10.55	128	73827	0.430	ng		100
10) Hexachlorobutadiene	10.84	225	3161	0.435	ng		99
12) 2-Methylnaphthalene	12.17	142	10523	0.405	ng		99
16) Acenaphthylene	14.07	152	15635	0.448	ng		99
17) Acenaphthene	14.41	154	10716	0.429	ng		98
18) Fluorene	15.39	166	13134	0.416	ng		98
20) 4-Bromophenyl-phenylether	16.29	248	3574	0.404	ng		97
21) Hexachlorobenzene	16.40	284	4136	0.426	ng		99
22) Pentachlorophenol	16.75	266	997	0.543	ng		92
23) Phenanthrene	17.13	178	20056	0.405	ng		100
24) Anthracene	17.23	178	20399	0.436	ng		100
26) Fluoranthene	19.15	202	25524	0.411	ng		100
28) Pyrene	19.51	202	26564	0.414	ng		99
30) Benzo(a)anthracene	21.26	228	21601	0.440	ng		98
31) Chrysene	21.31	228	33147	0.454	ng		99
32) Bis(2-ethylhexyl)phthalate	21.20	149	47802	0.584	ng		100
33) Indeno(1,2,3-cd)pyrene	26.23	276	34175	0.592	ng	#	92
35) Benzo(b)fluoranthene	22.95	252	24417	0.359	ng		99
36) Benzo(k)fluoranthene	22.95	252	24417	0.247	ng		97
37) Benzo(a)pyrene	23.58	252	27642	0.420	ng		98
38) Dibenzo(a,h)anthracene	26.26	278	26947	0.445	ng		96
39) Benzo(g,h,i)perylene	27.01	276	30851	0.414	ng		100

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

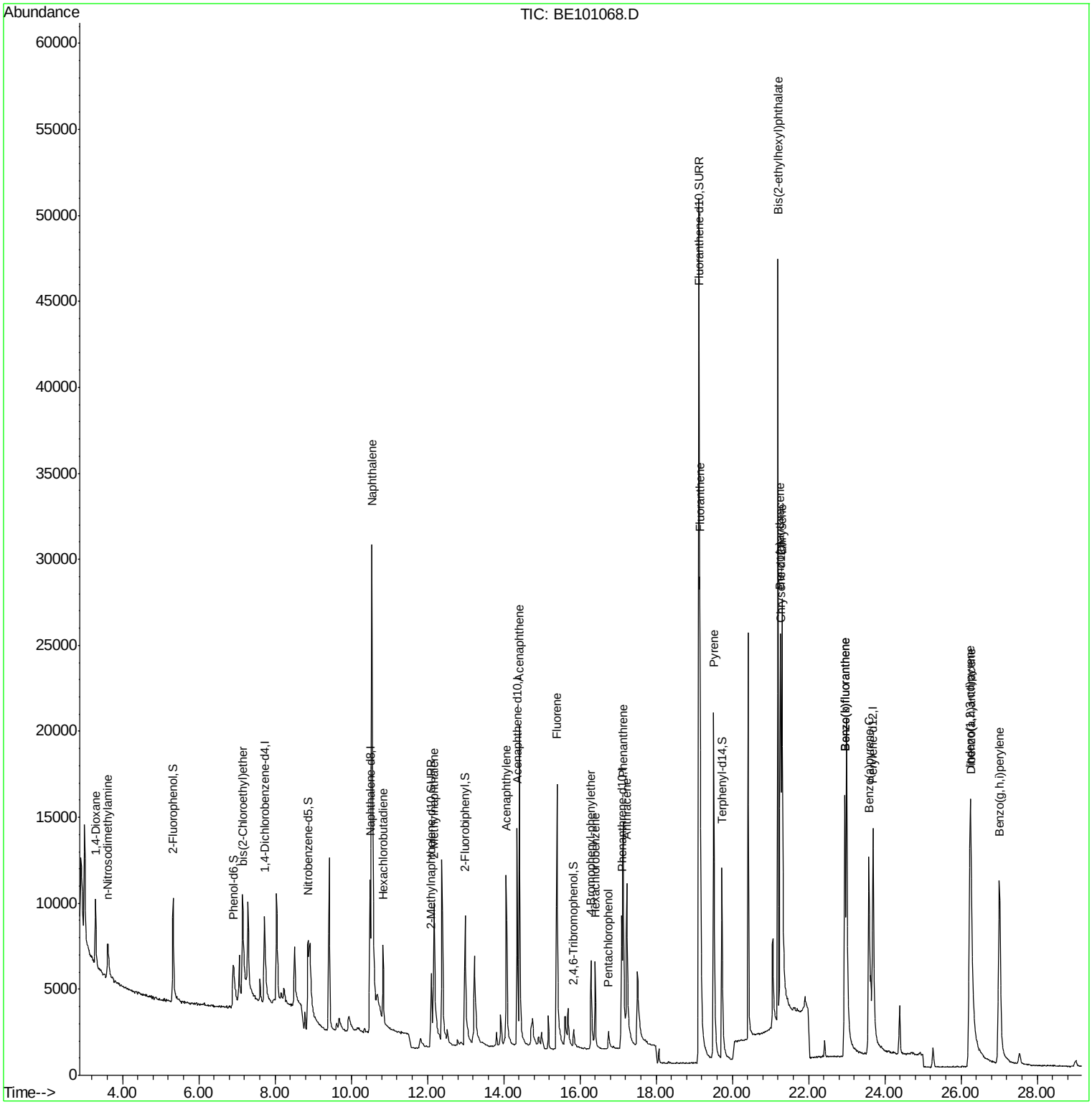
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011520\

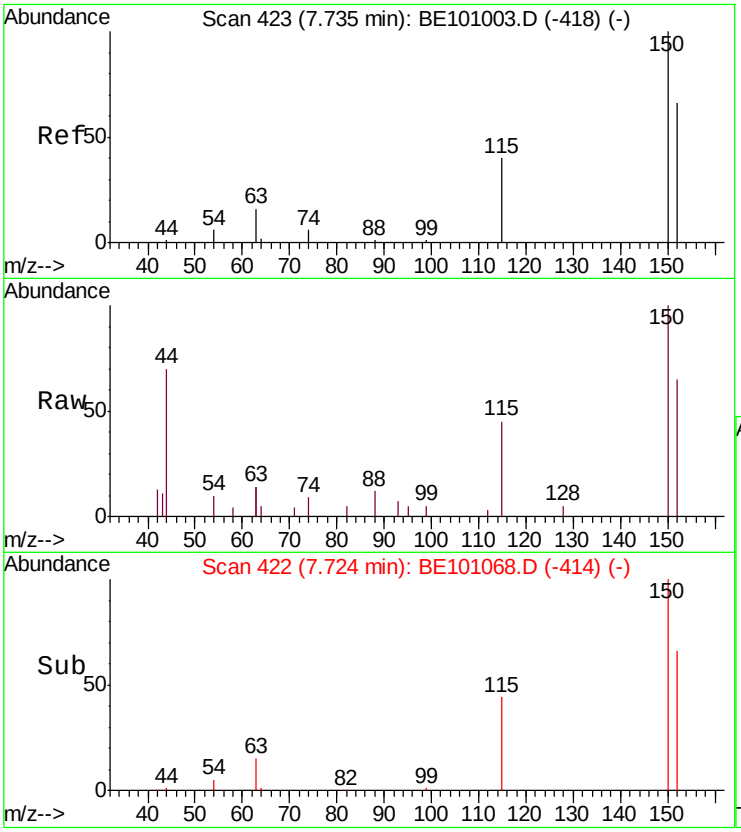
Quantitation Report (Not Reviewed)

Data File : BE101068.D
Acq On : 15 Jan 2020 21:33
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jan 16 04:15:49 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



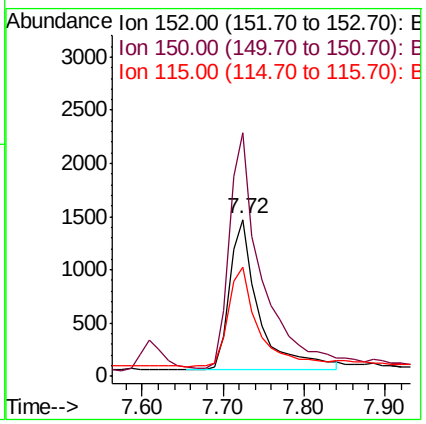


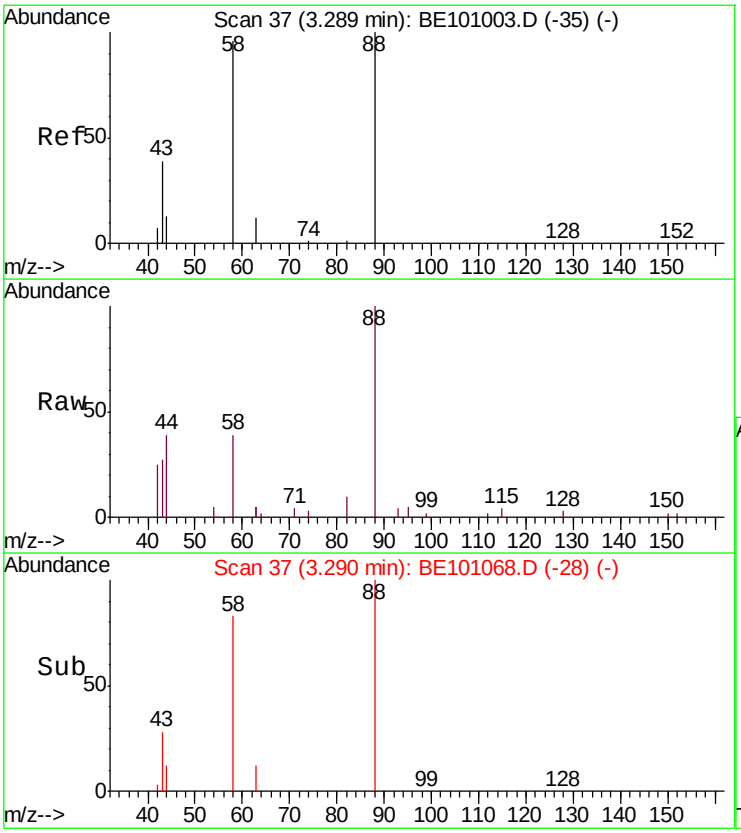
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3545

Ion	Ratio	Lower	Upper
152	100		
150	154.9	120.3	180.5
115	69.7	51.7	77.5

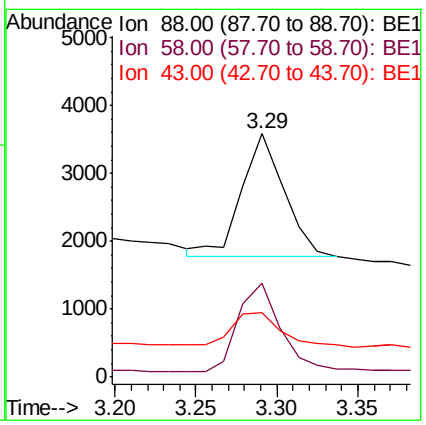


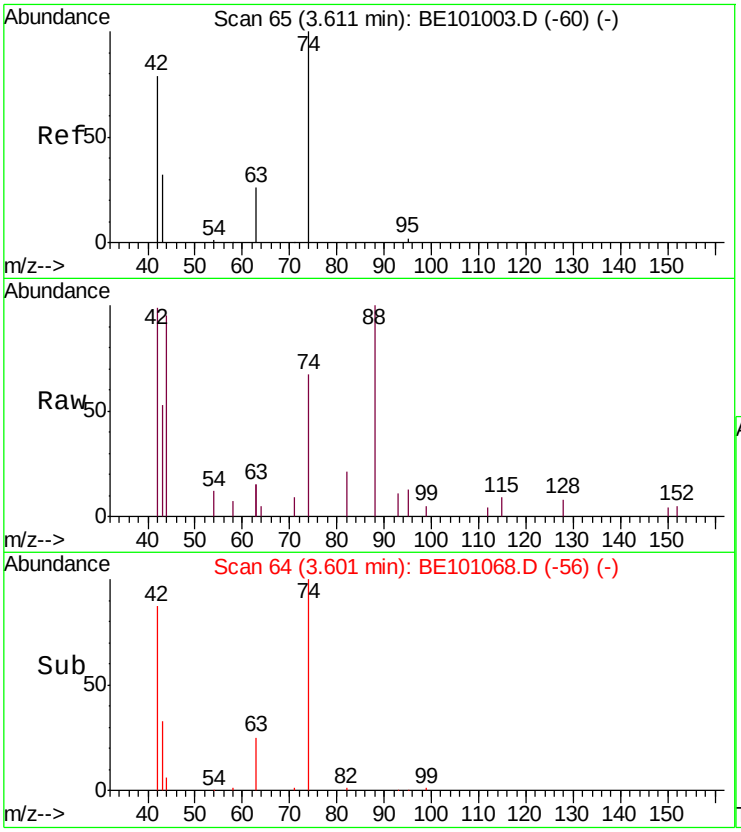


#2
1,4-Dioxane
Concen: 0.377 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion: 88 Resp: 3283

Ion	Ratio	Lower	Upper
88	100		
58	71.5	53.0	79.4
43	28.4	23.4	35.2



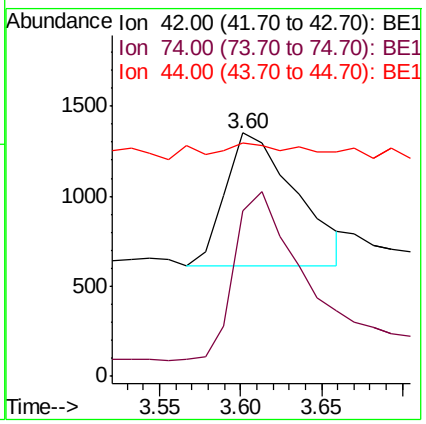


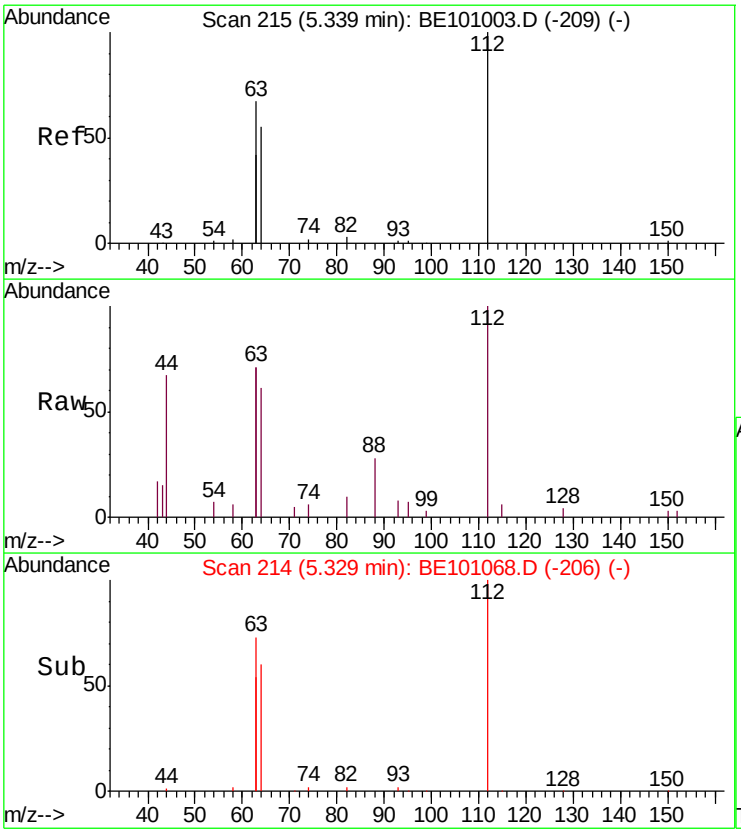
#3
n-Nitrosodimethylamine
Concen: 0.456 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2248

Ion	Ratio	Lower	Upper
42	100		
74	117.7	105.7	158.5
44	16.1	10.0	15.0#

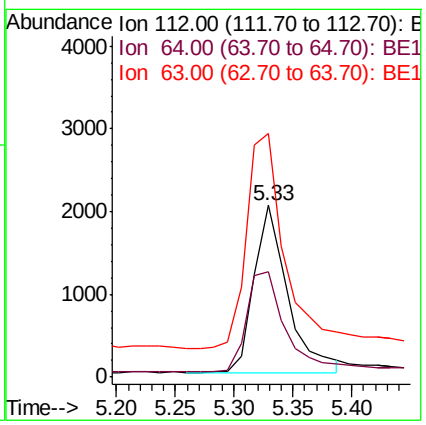


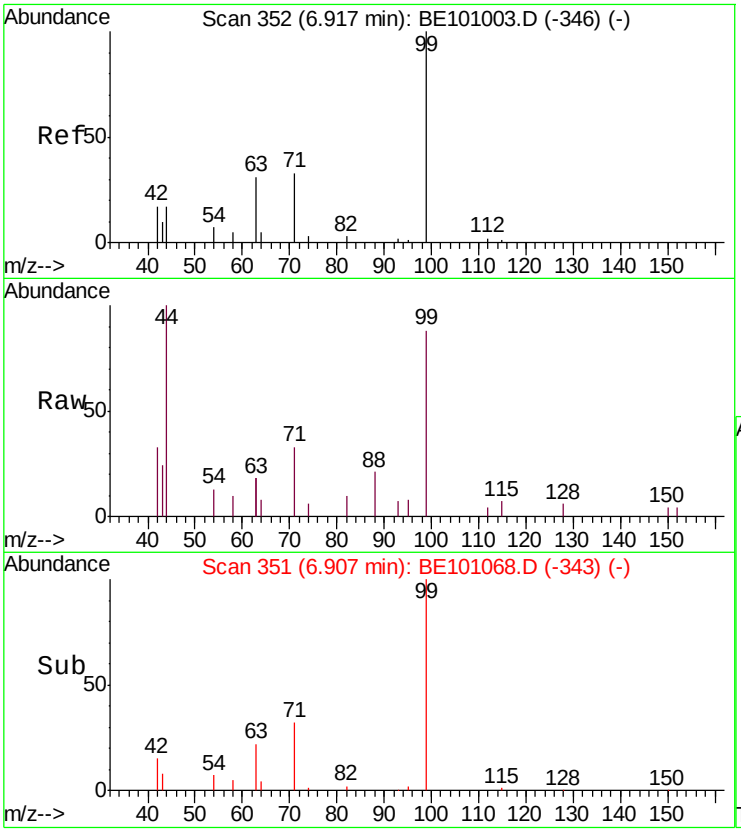


#4
2-Fluorophenol
Concen: 0.508 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:112 Resp: 4051

Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.6	80.4
63	144.9	114.6	172.0



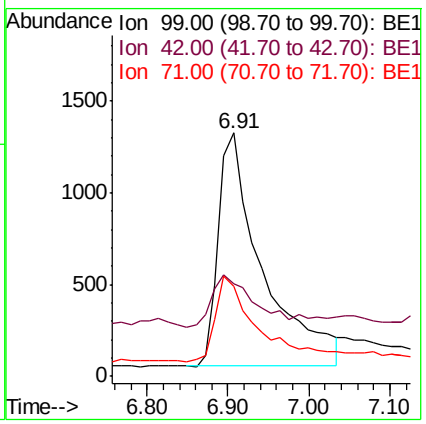


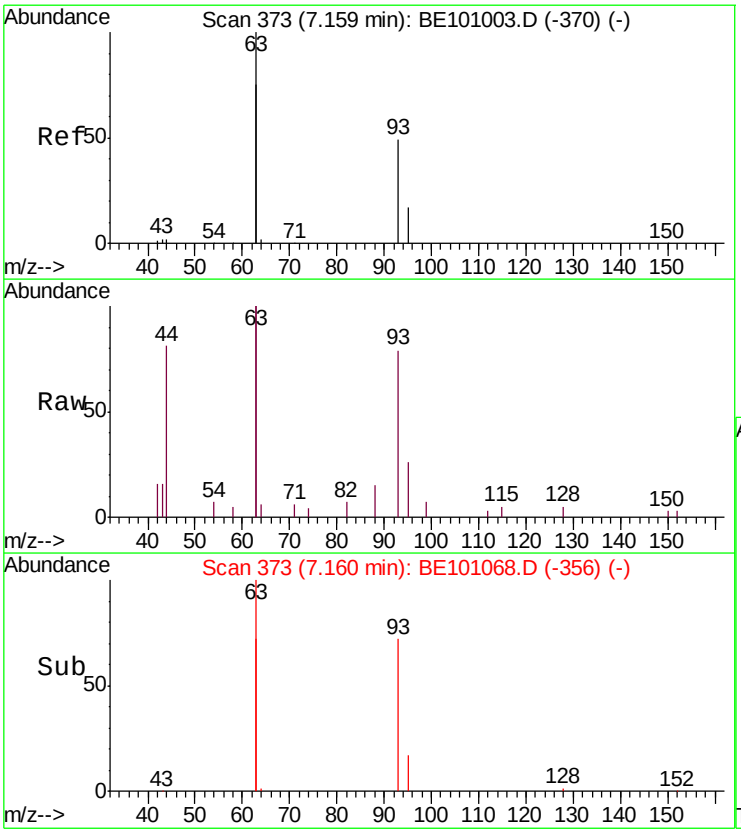
#5
Phenol-d6
Concen: 0.477 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4814

Ion	Ratio	Lower	Upper
99	100		
42	25.2	18.3	27.5
71	34.9	28.0	42.0

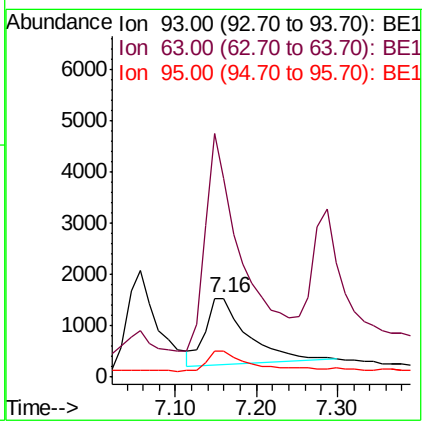


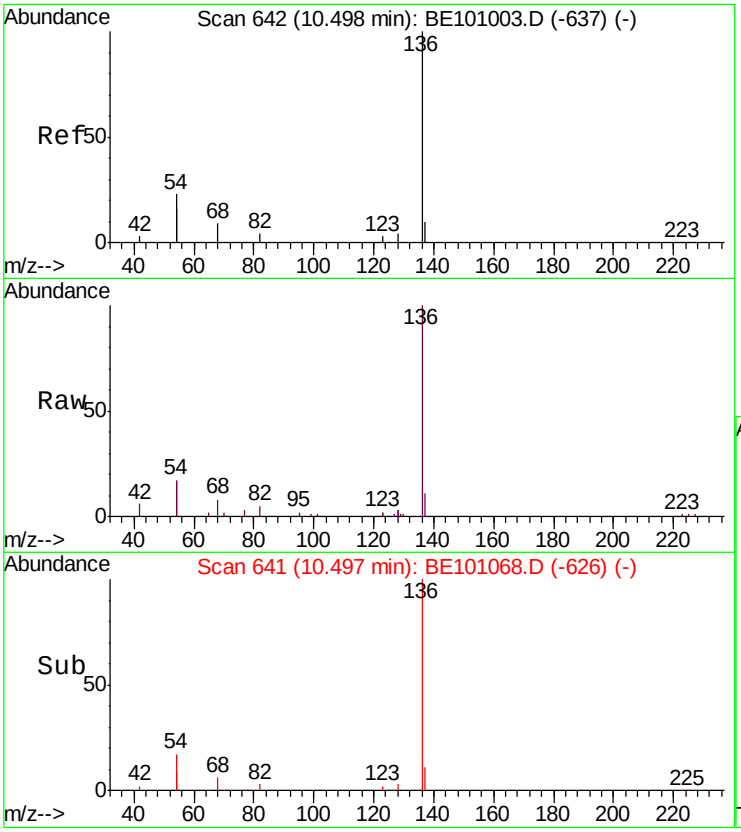


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion: 93 Resp: 4692

Ion	Ratio	Lower	Upper
93	100		
63	283.8	233.9	350.9
95	31.2	23.5	35.3



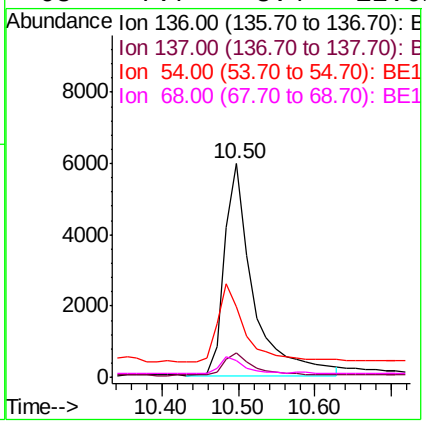


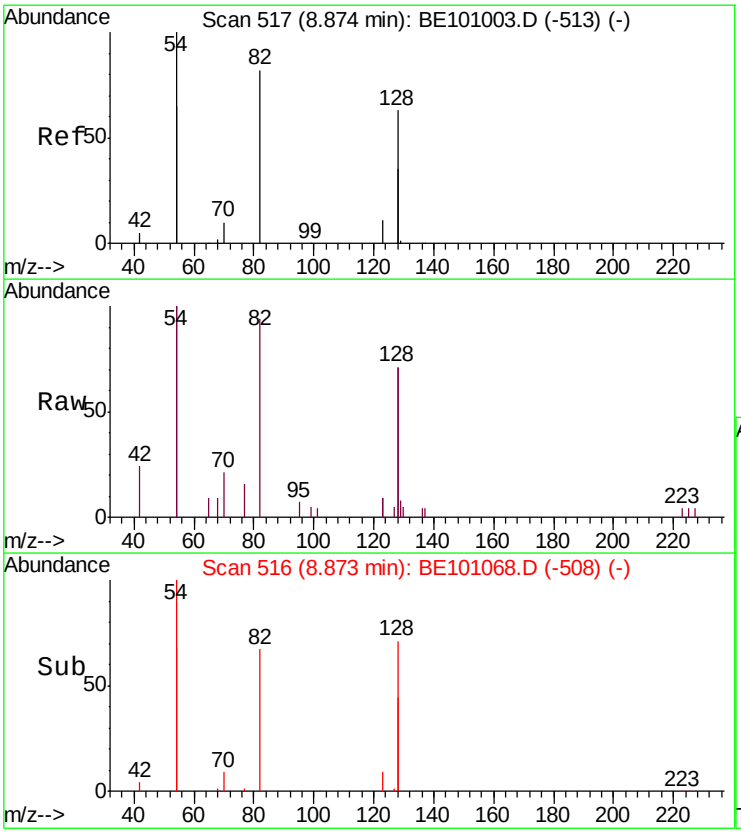
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15465

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	33.1	36.8	55.2#
68	7.7	8.4	12.6#

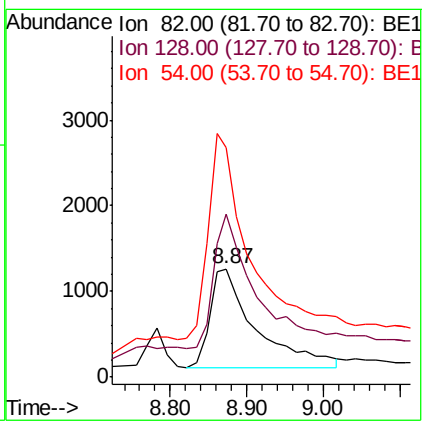


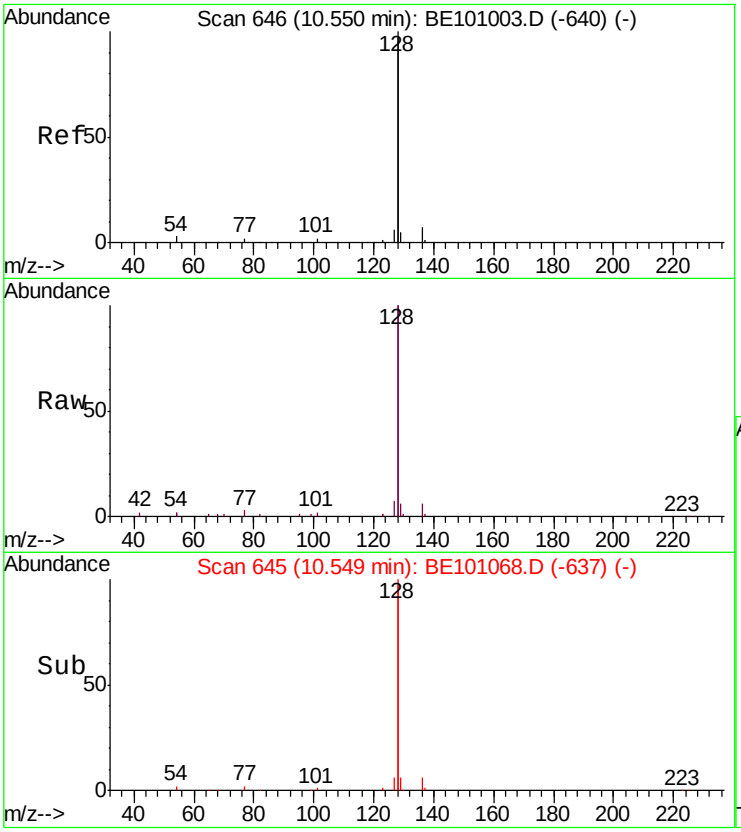


#8
Nitrobenzene-d5
Concen: 0.431 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion: 82 Resp: 4764

Ion	Ratio	Lower	Upper
82	100		
128	150.8	109.8	164.6
54	212.2	174.5	261.7



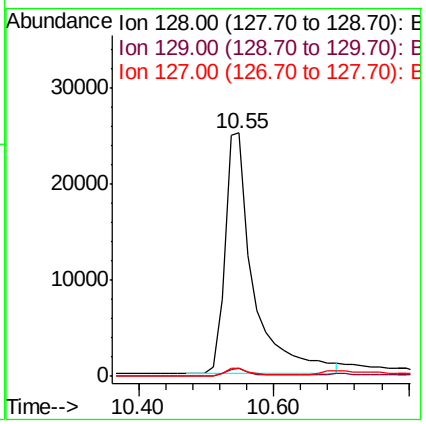


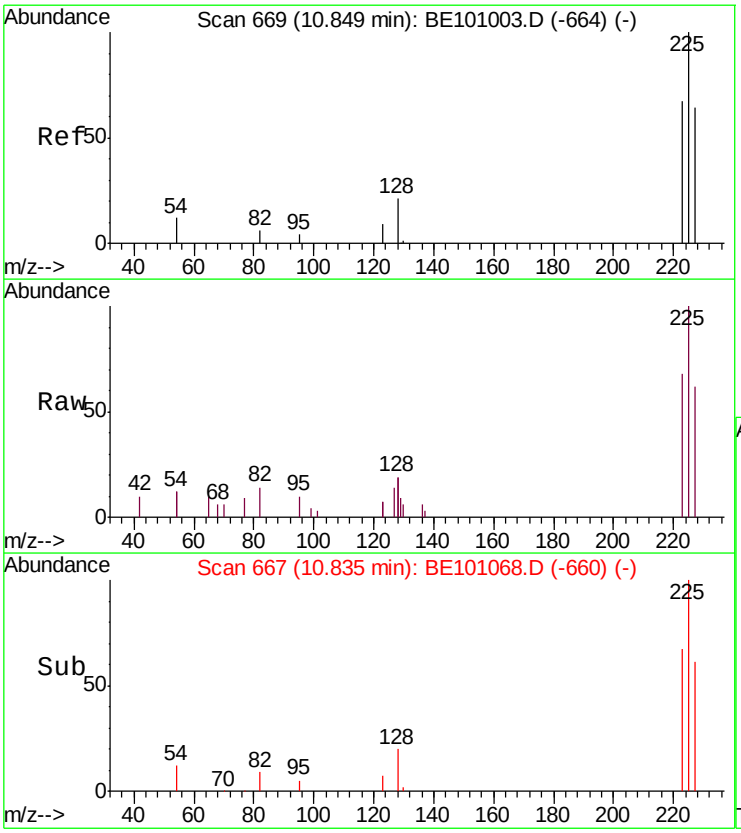
#9
Naphthalene
Concen: 0.430 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 73827

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.3	3.5
127	3.3	2.7	4.1

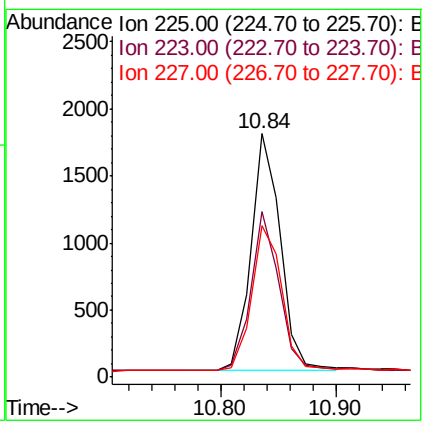


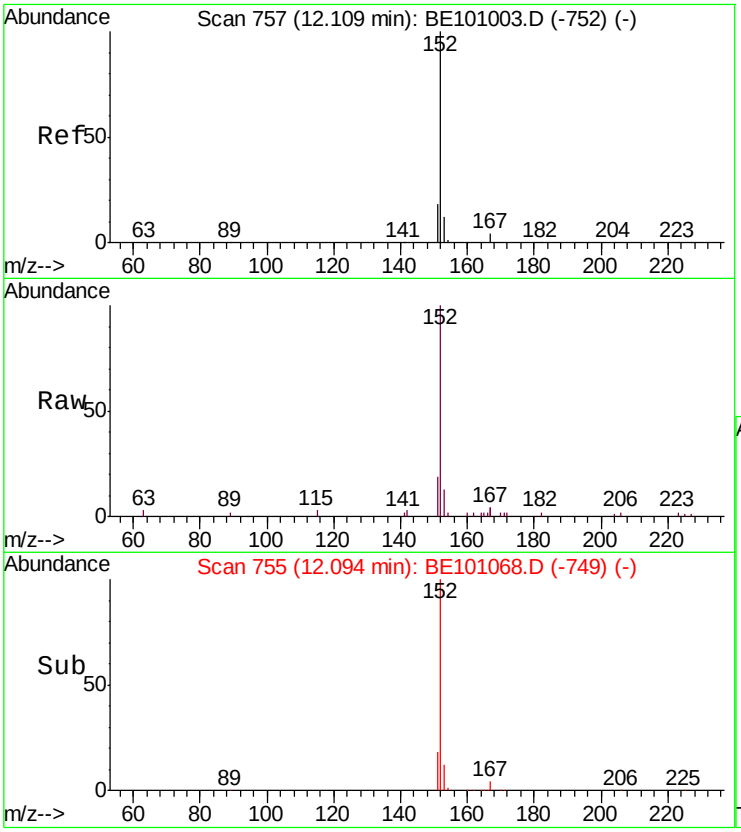


#10
Hexachlorobutadiene
Concen: 0.435 ng
RT: 10.84 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:225 Resp: 3161

Ion	Ratio	Lower	Upper
225	100		
223	64.3	52.2	78.4
227	62.5	49.9	74.9



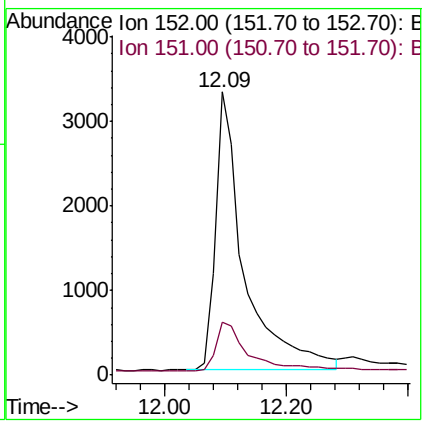


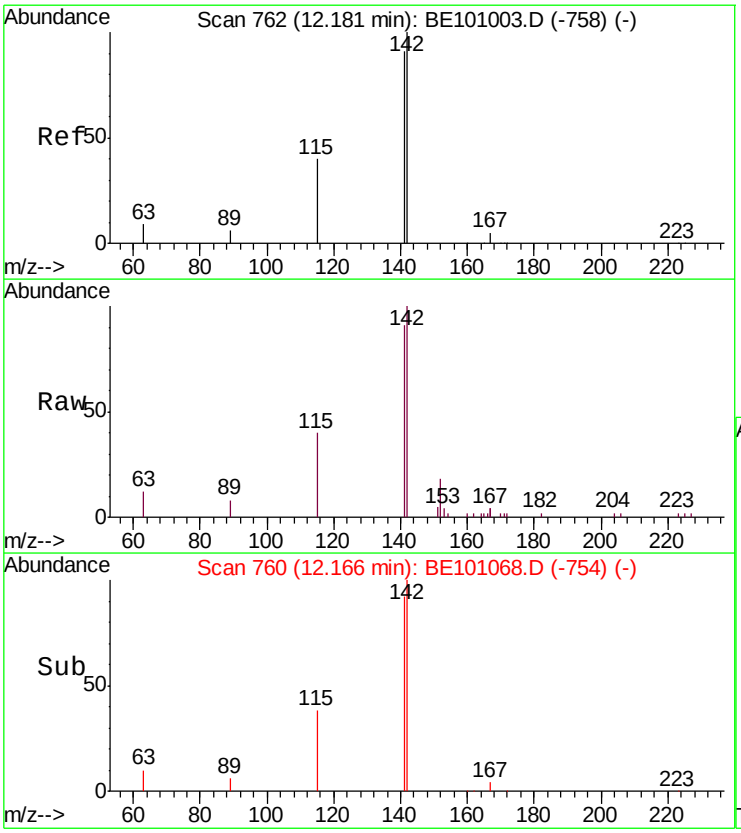
#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 10803

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.0	22.6

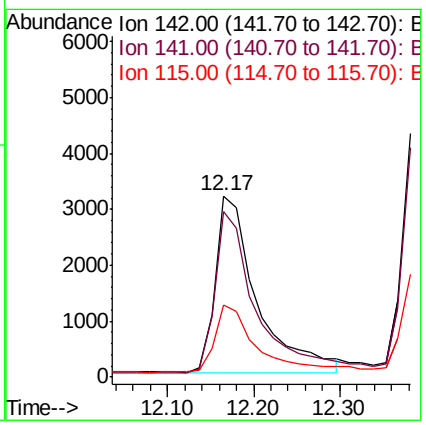


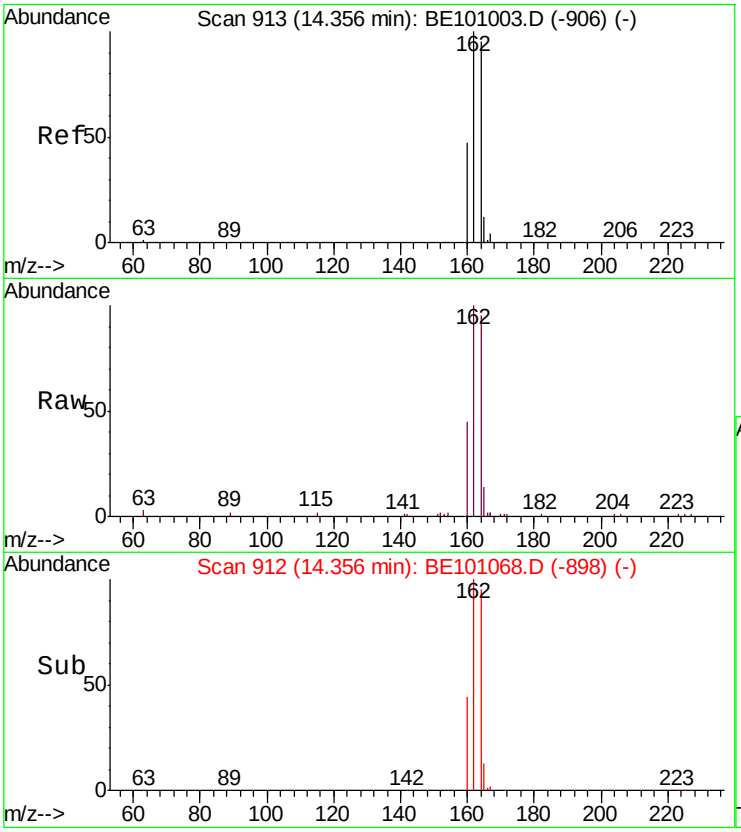


#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:142 Resp: 10523

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.5	108.7
115	39.8	33.0	49.6



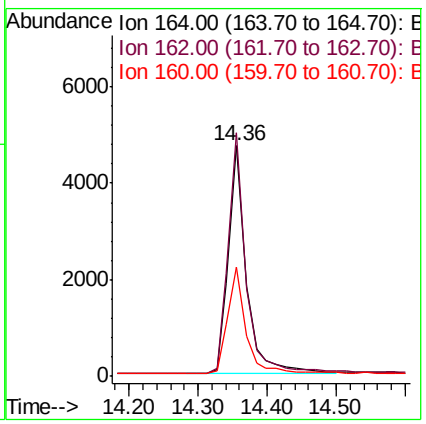


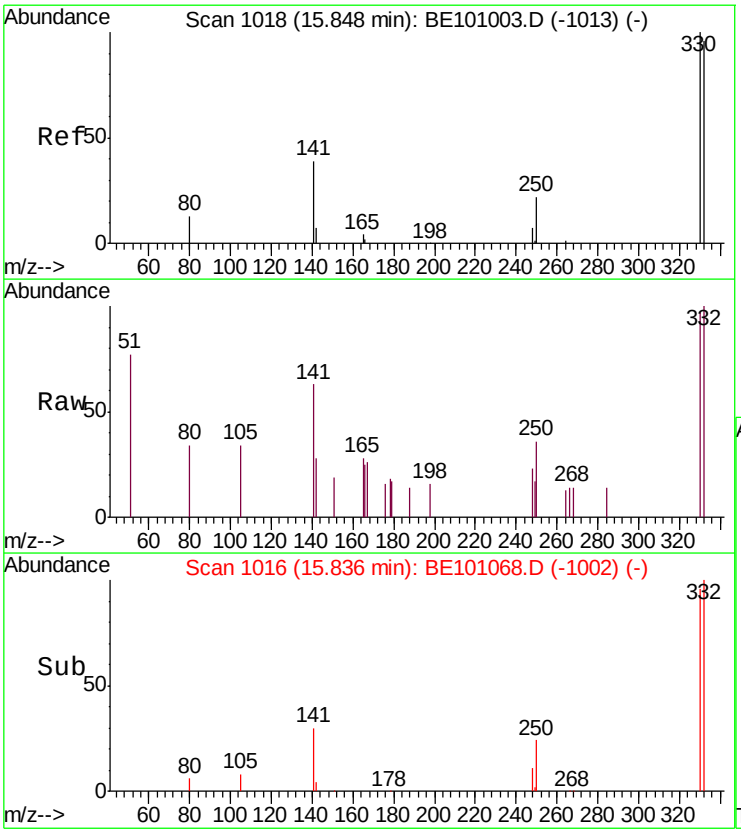
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8561

Ion	Ratio	Lower	Upper
164	100		
162	105.6	84.1	126.1
160	47.2	40.4	60.6

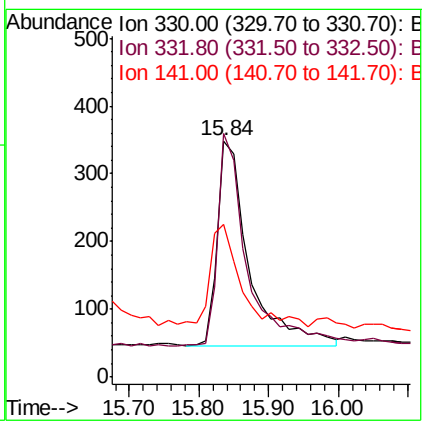


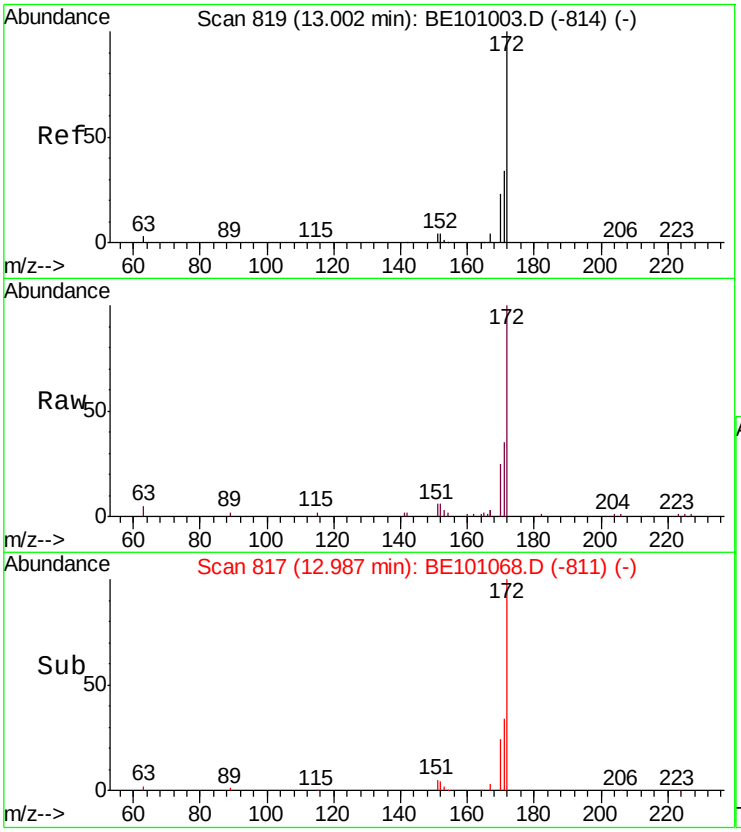


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:330 Resp: 961

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.4	117.6
141	47.3	37.0	55.4



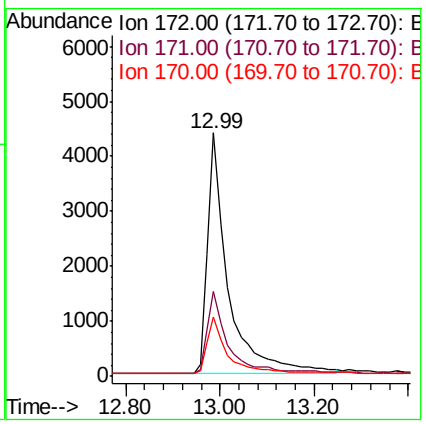


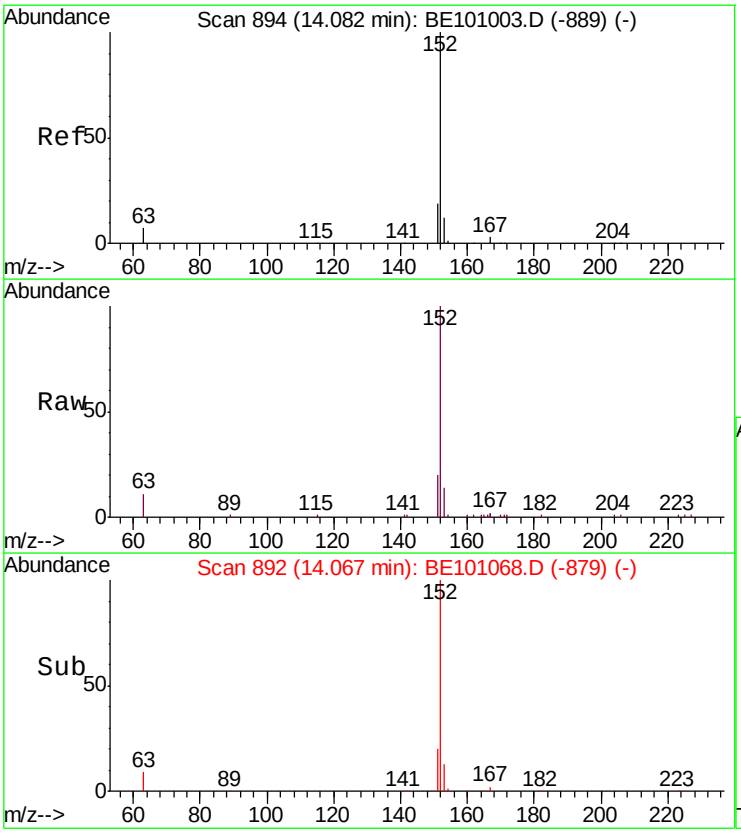
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 13245

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	24.5	18.9	28.3

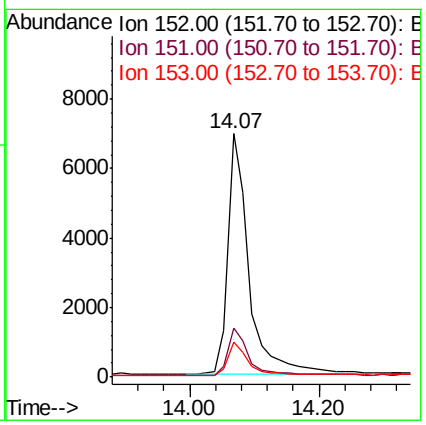


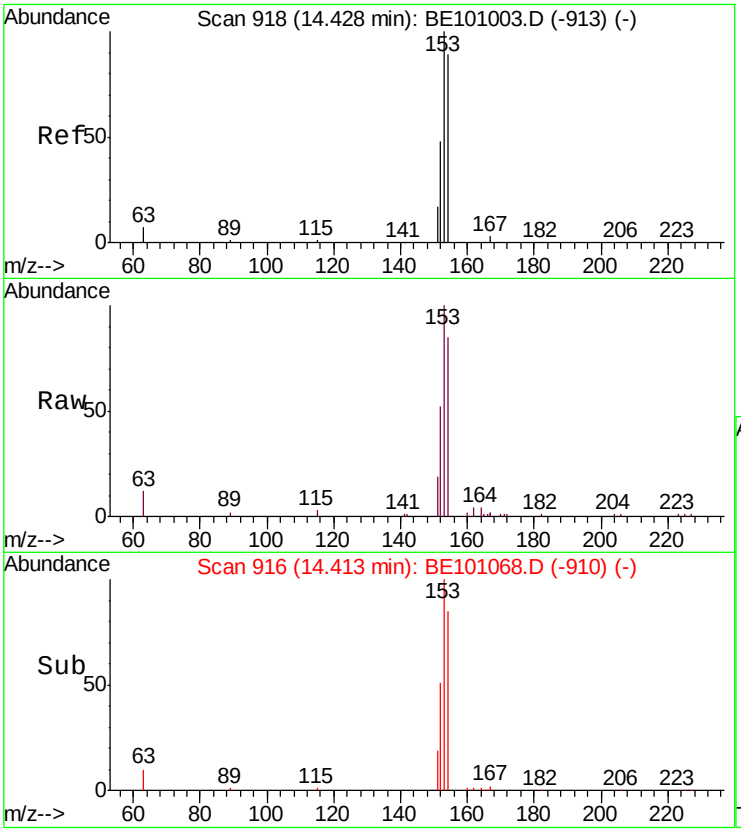


#16
Acenaphthylene
Concen: 0.448 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:152 Resp: 15635

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.5	10.4	15.6



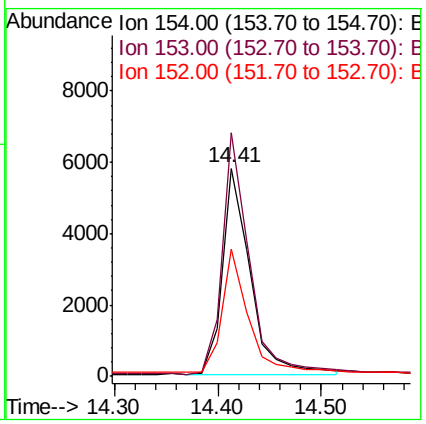


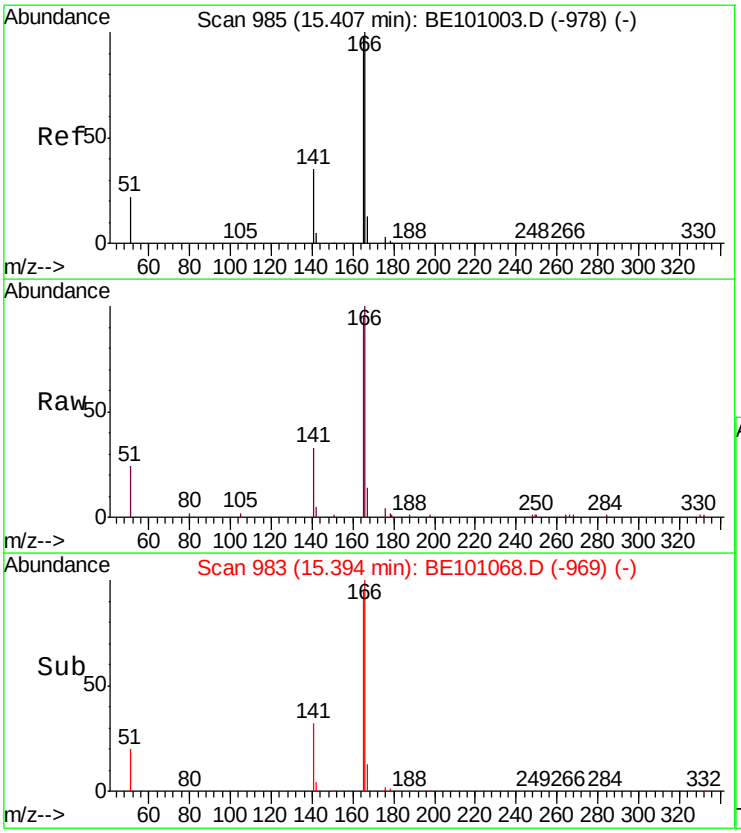
#17
Acenaphthene
Concen: 0.429 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10716

Ion	Ratio	Lower	Upper
154	100		
153	114.7	93.6	140.4
152	57.7	46.3	69.5

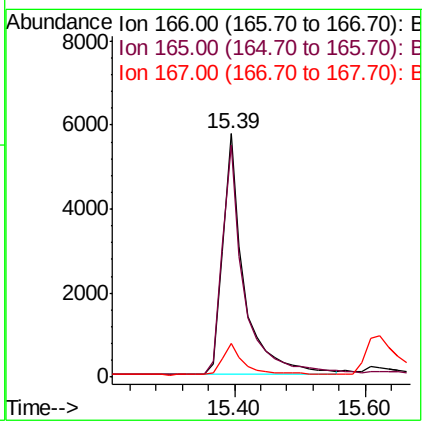


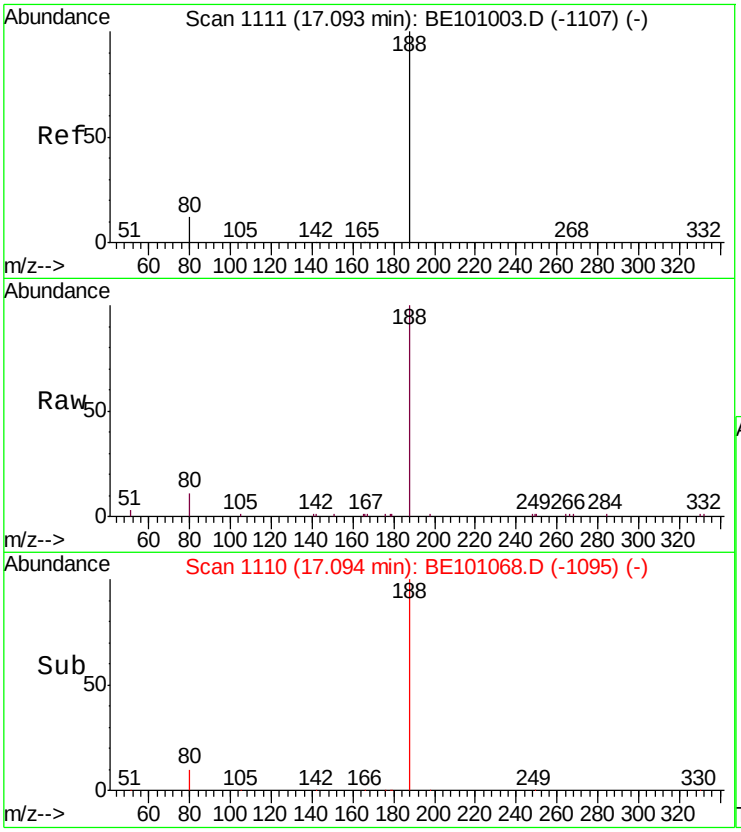


#18
Fluorene
Concen: 0.416 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:166 Resp: 13134

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.8	119.8
167	13.9	11.0	16.6



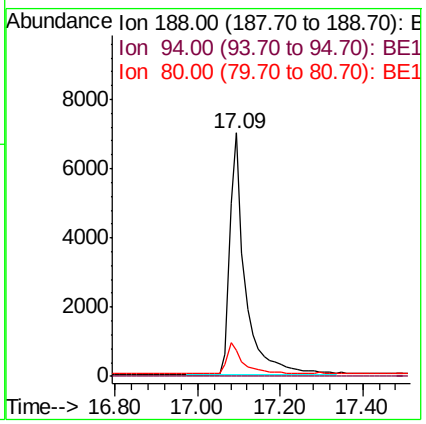


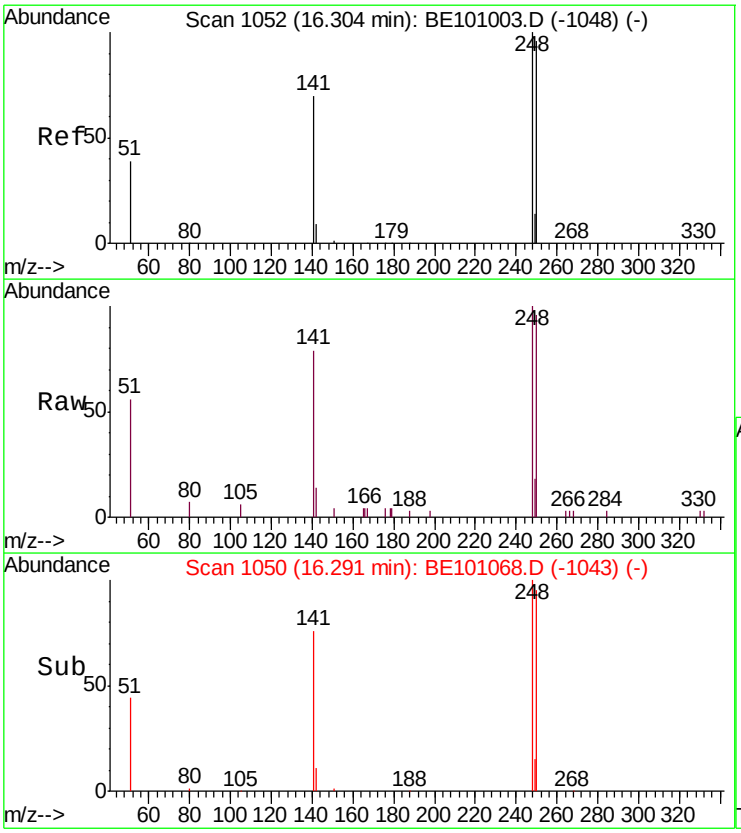
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 18152

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

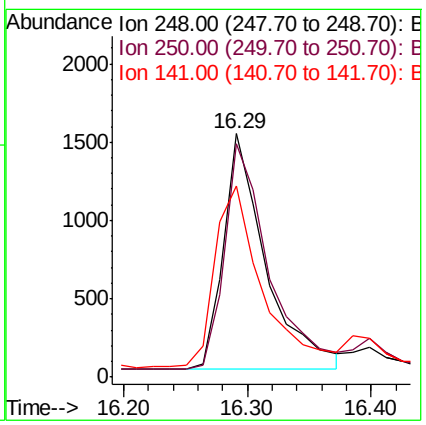


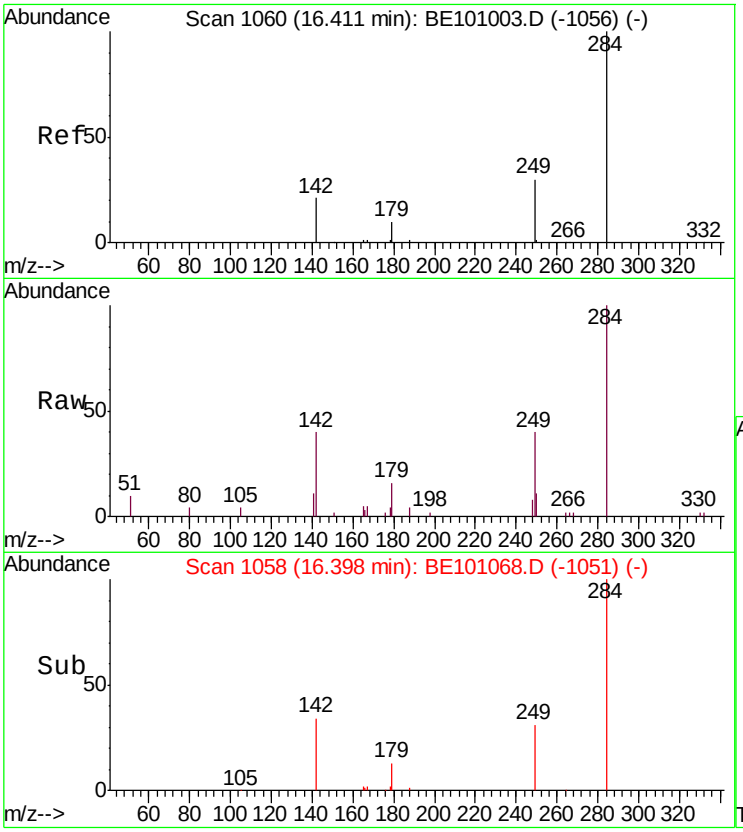


#20
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:248 Resp: 3574

Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.6	115.0
141	78.6	57.7	86.5



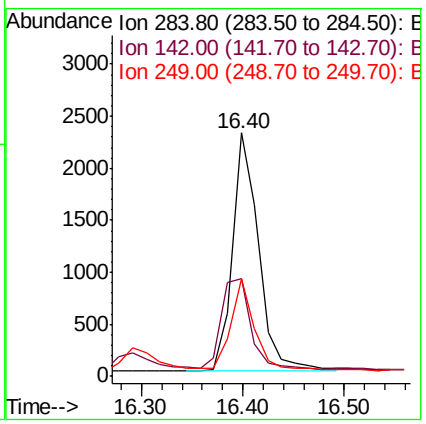


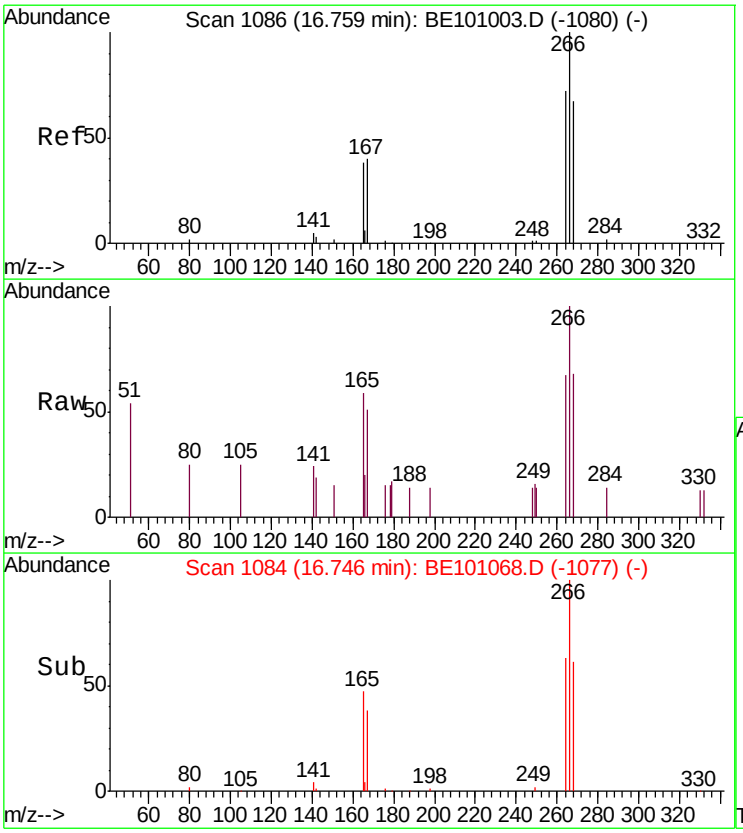
#21
Hexachlorobenzene
Concen: 0.426 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4136

Ion	Ratio	Lower	Upper
284	100		
142	42.3	34.0	51.0
249	34.3	28.2	42.4

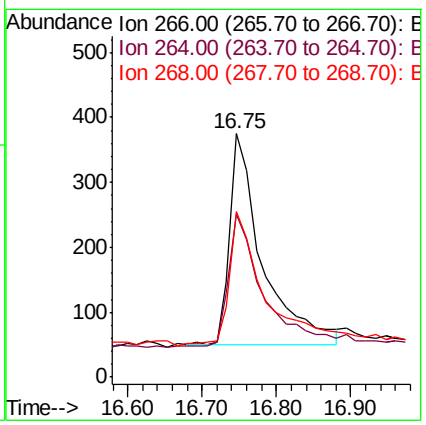


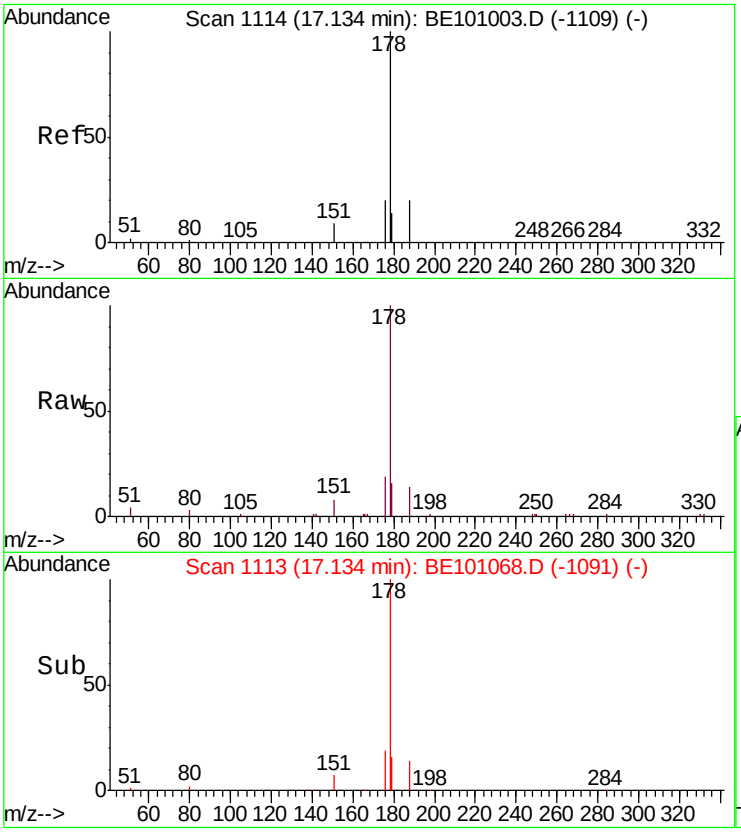


#22
Pentachlorophenol
Concen: 0.543 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:266 Resp: 997

Ion	Ratio	Lower	Upper
266	100		
264	67.2	61.0	91.4
268	68.3	58.5	87.7



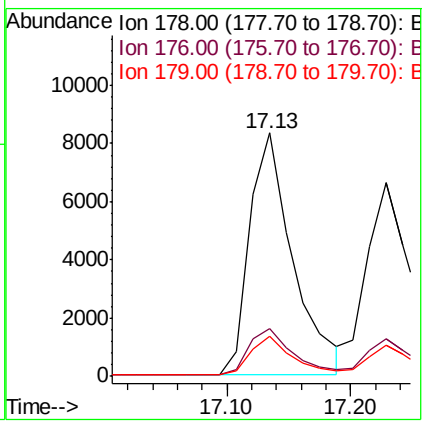


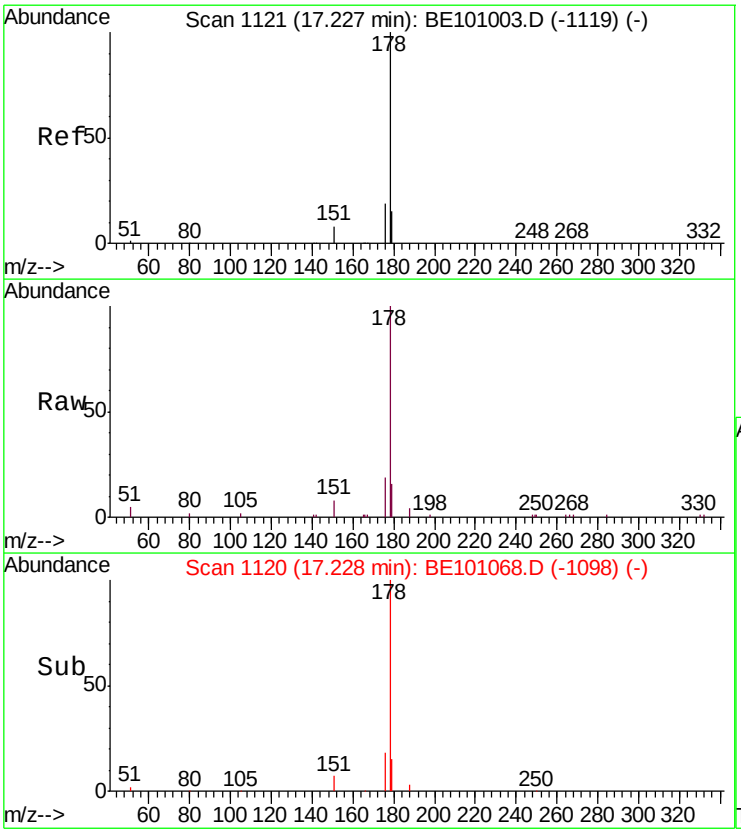
#23
Phenanthrene
Concen: 0.405 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 20056

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.3	12.0	18.0

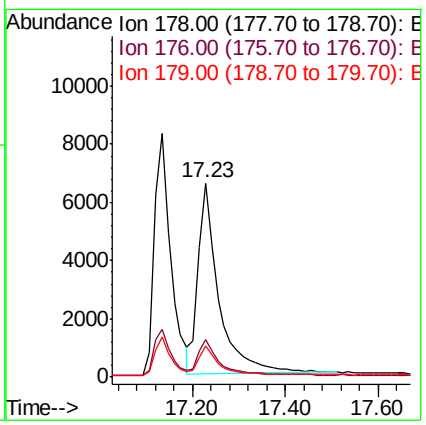


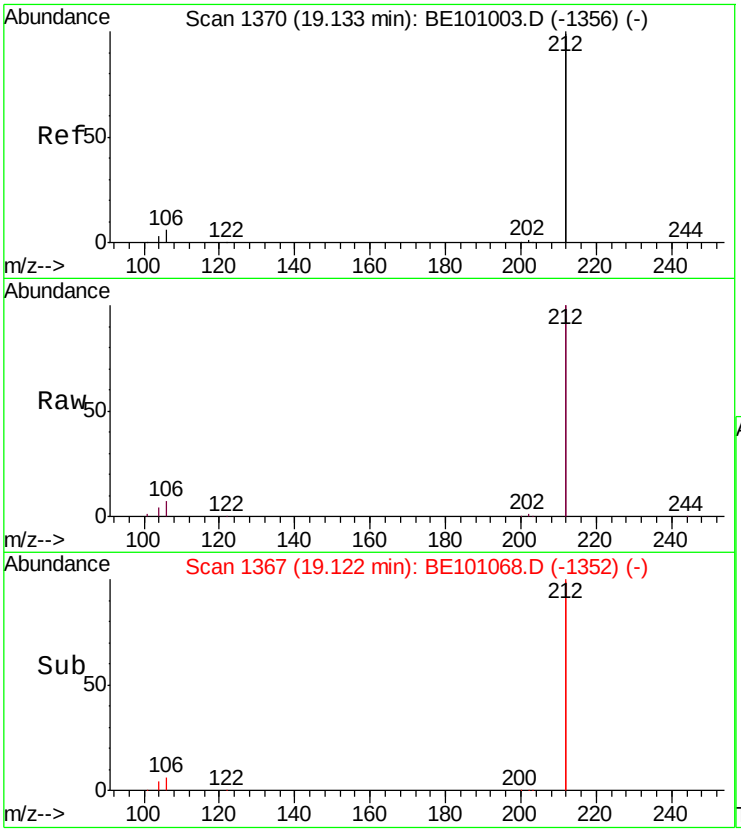


#24
Anthracene
Concen: 0.436 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:178 Resp: 20399

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.1	12.4	18.6



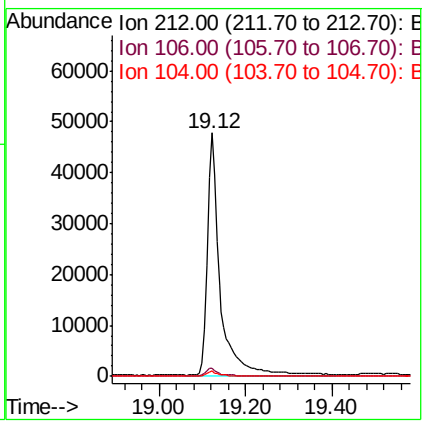


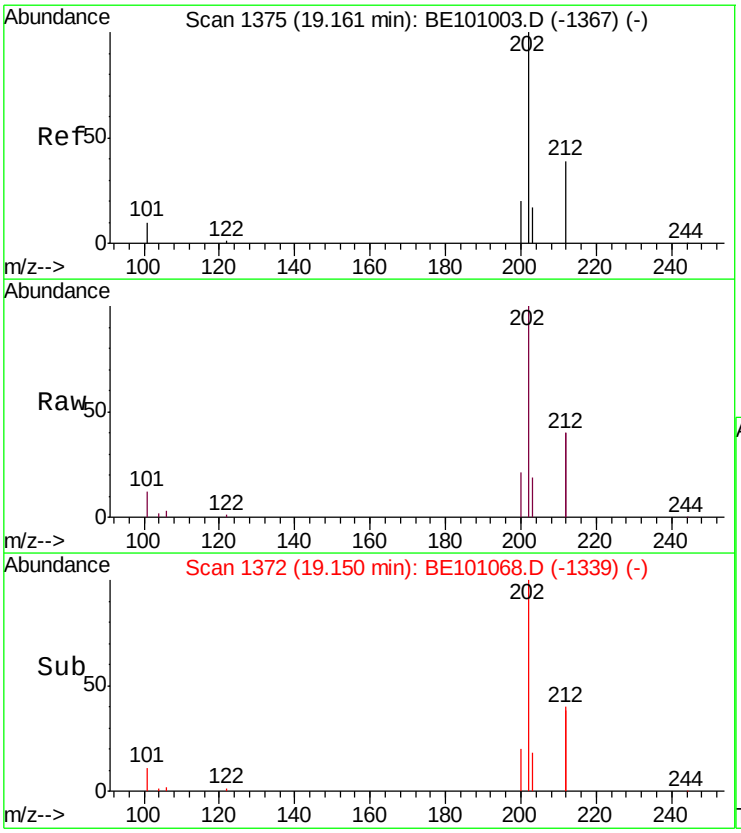
#25
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 97538

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.9	1.4	2.0

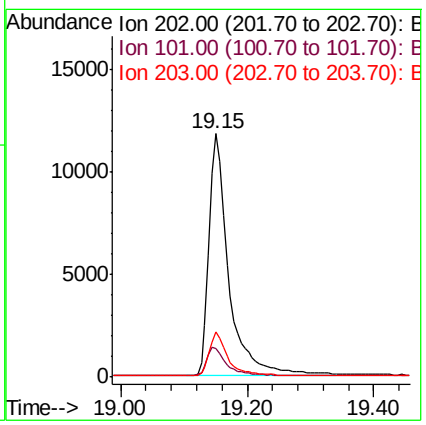


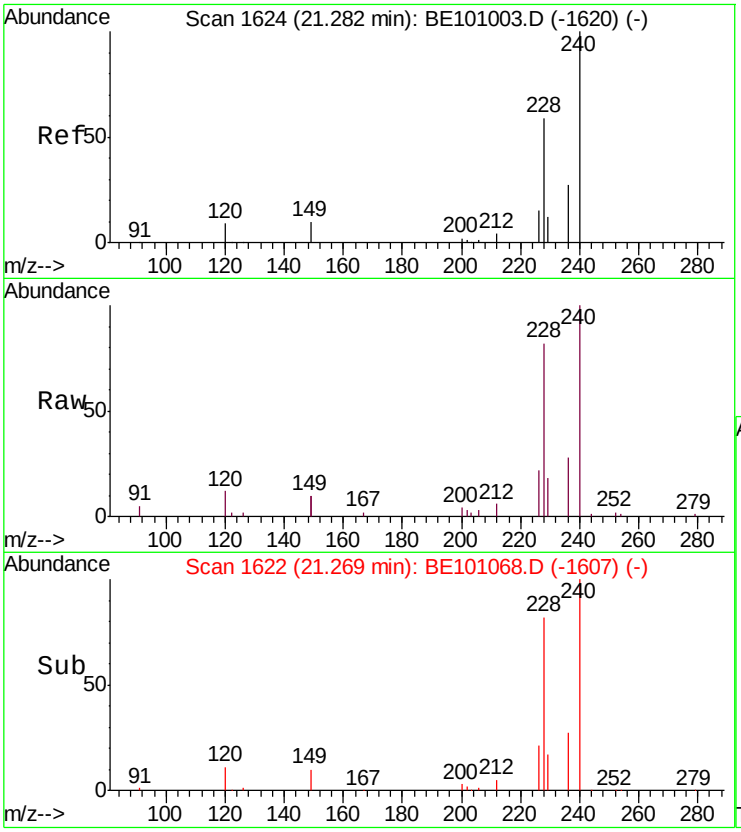


#26
Fluoranthene
Concen: 0.411 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:202 Resp: 25524

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	17.1	13.8	20.6



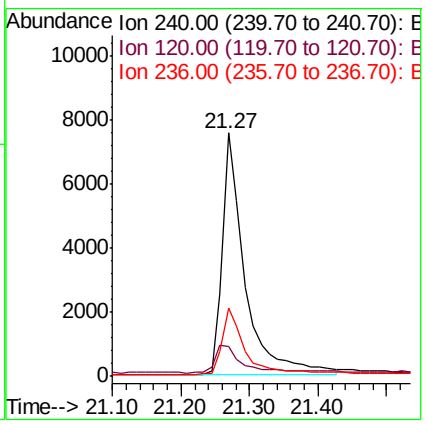


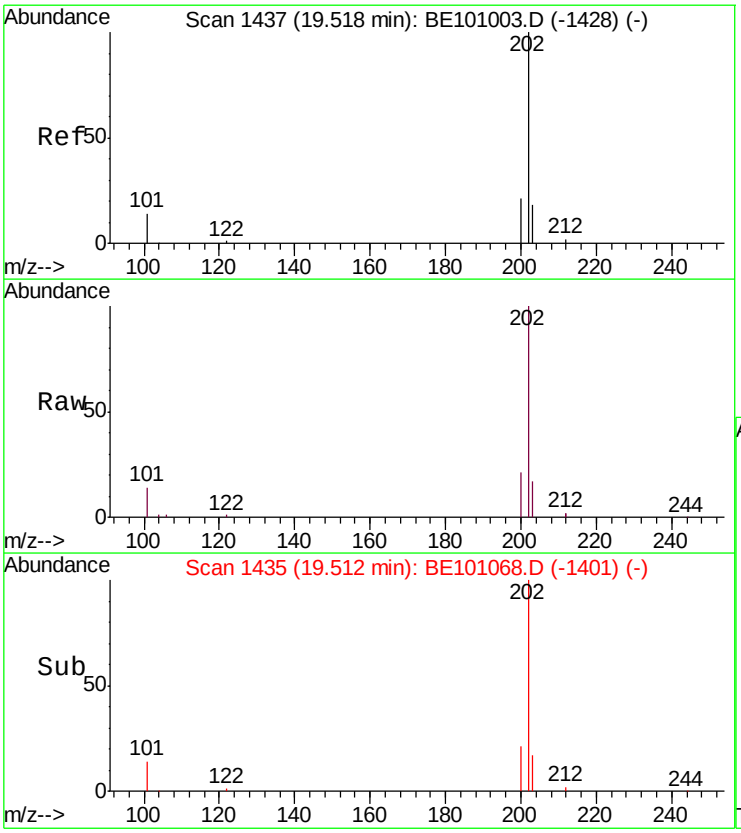
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 17220

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.6	13.0
236	28.0	22.2	33.4

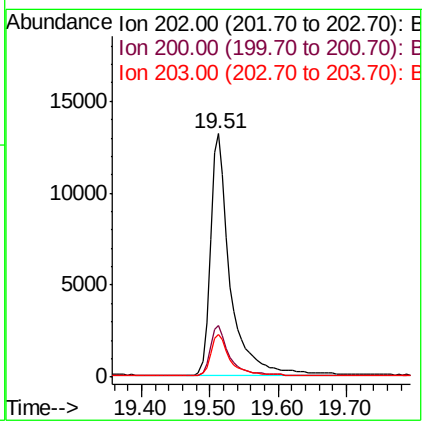


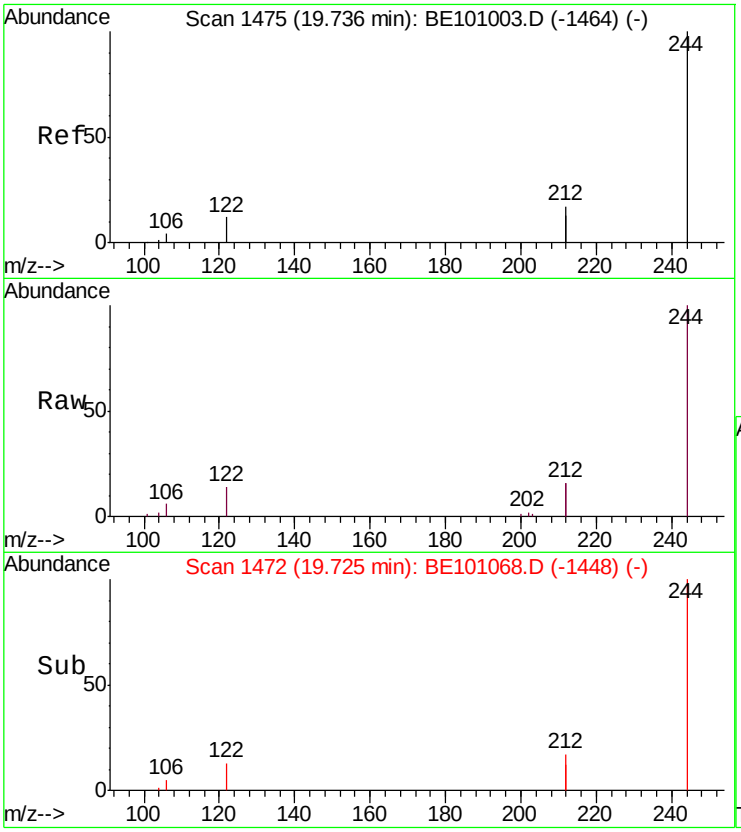


#28
Pyrene
Concen: 0.414 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:202 Resp: 26564

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.6	13.8	20.6



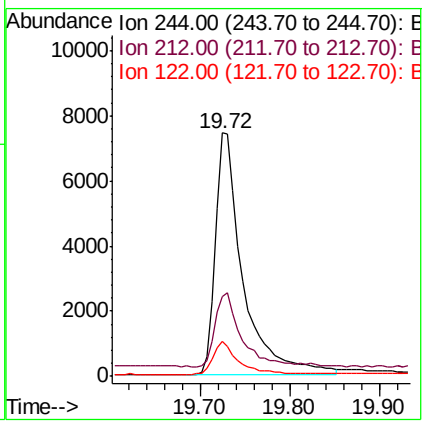


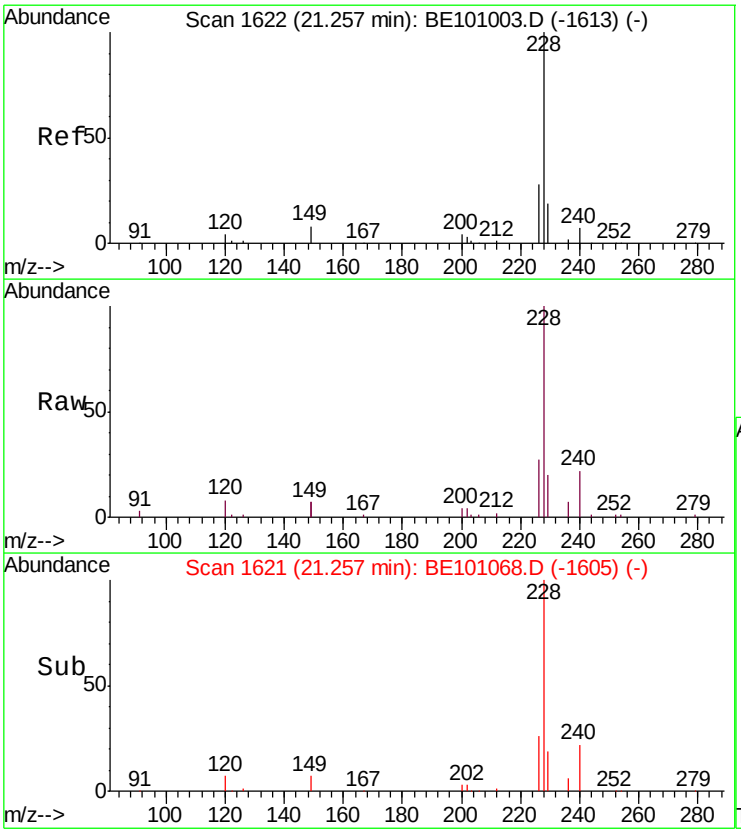
#29
Terphenyl-d14
Concen: 0.375 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 15834

Ion	Ratio	Lower	Upper
244	100		
212	32.9	27.2	40.8
122	14.2	9.8	14.8

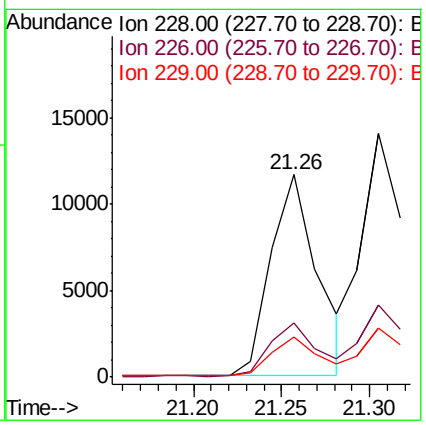


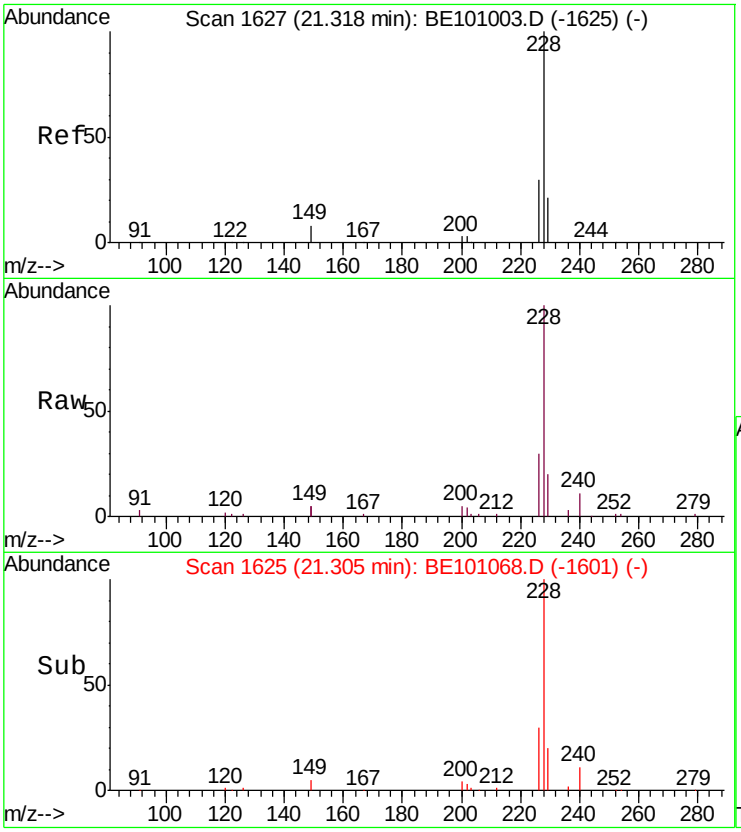


#30
Benzo(a)anthracene
Concen: 0.440 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:228 Resp: 21601

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.7	34.1
229	20.0	15.5	23.3



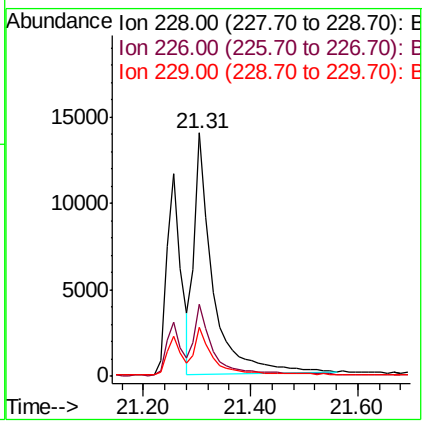


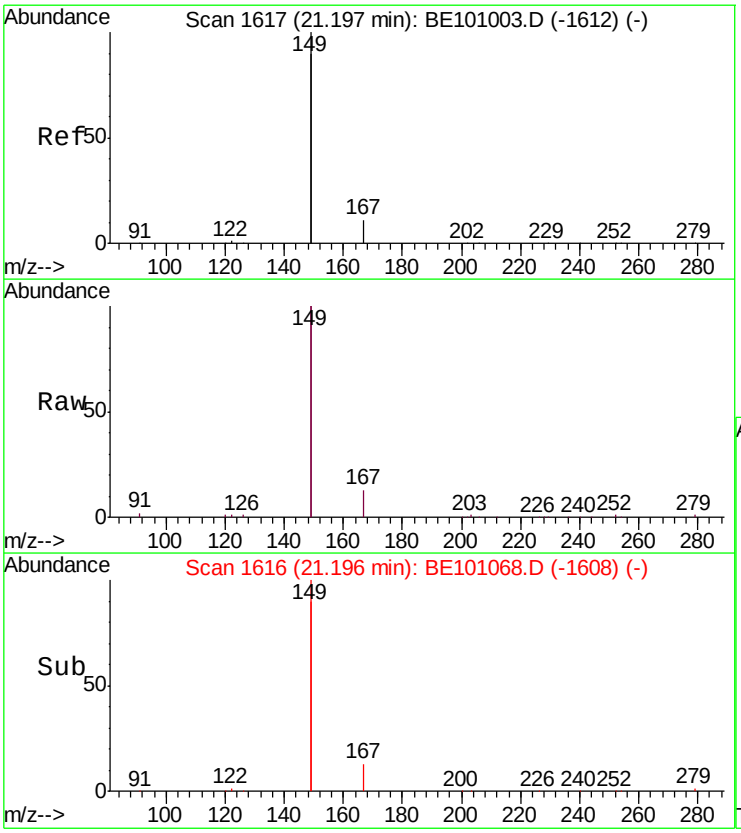
#31
Chrysene
Concen: 0.454 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 33147

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.5	35.3
229	20.3	16.7	25.1

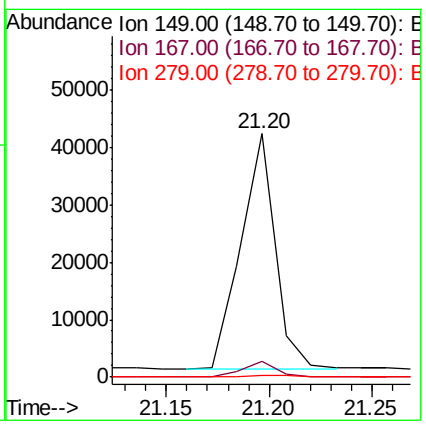


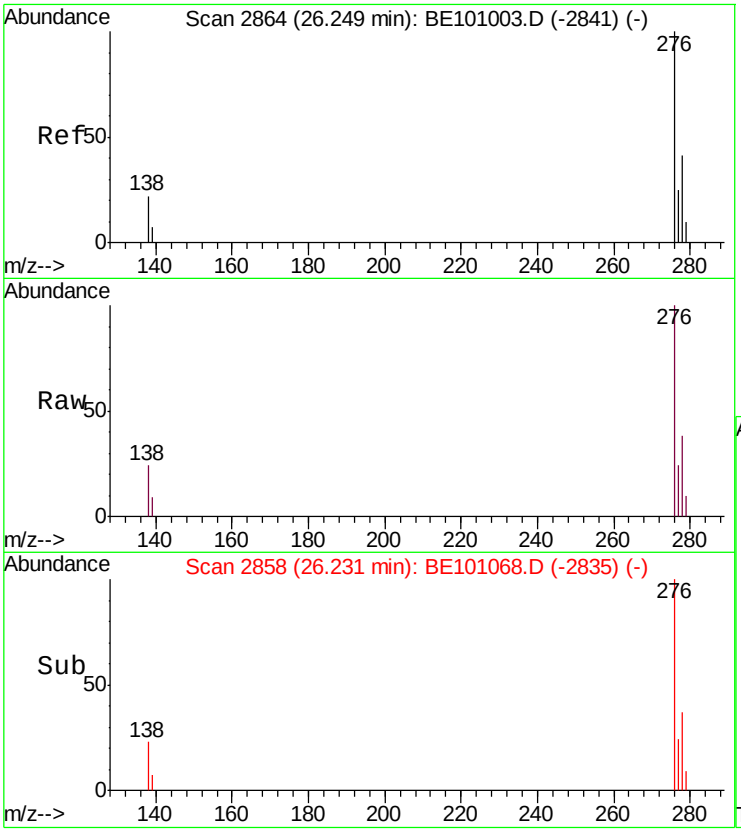


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.584 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:149 Resp: 47802

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.2	7.8
279	0.8	0.8	1.2



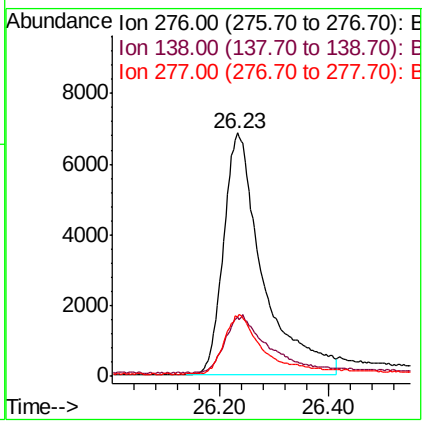


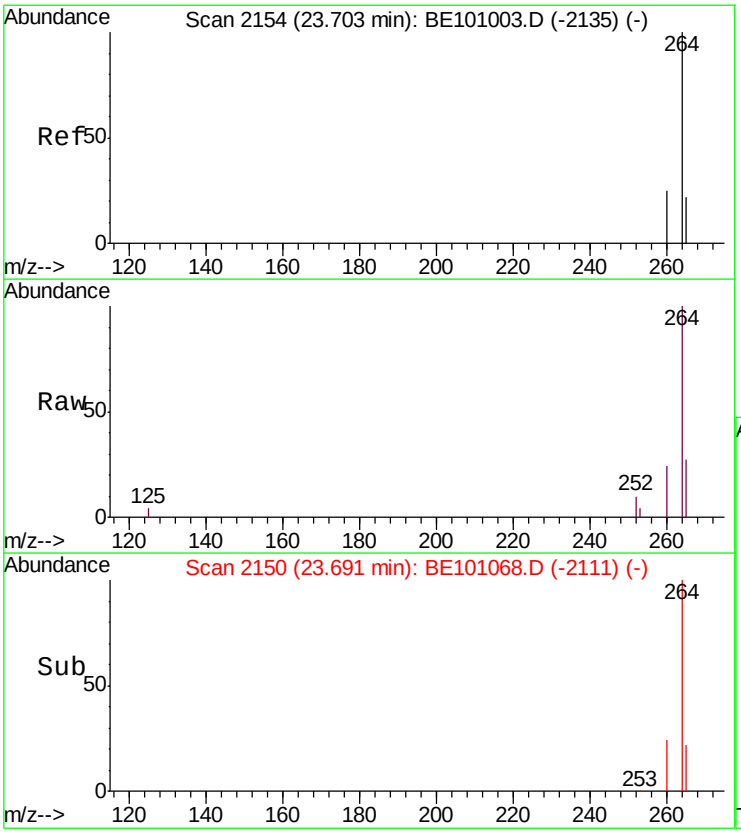
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.592 ng
RT: 26.23 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 34175

Ion	Ratio	Lower	Upper
276	100		
138	26.0	16.1	24.1#
277	24.7	18.1	27.1

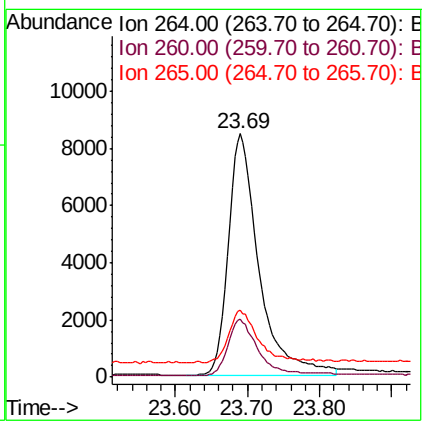


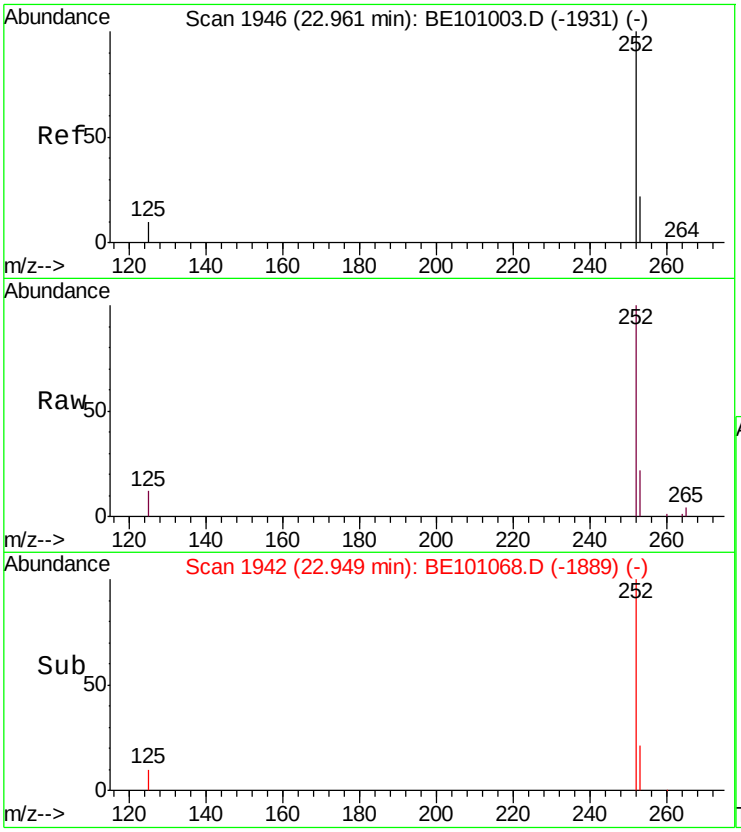


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:264 Resp: 24279

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	27.3	27.0	40.4



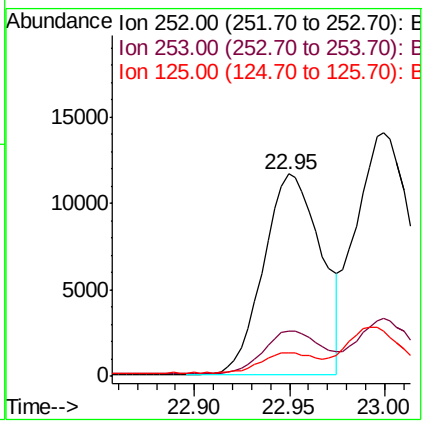


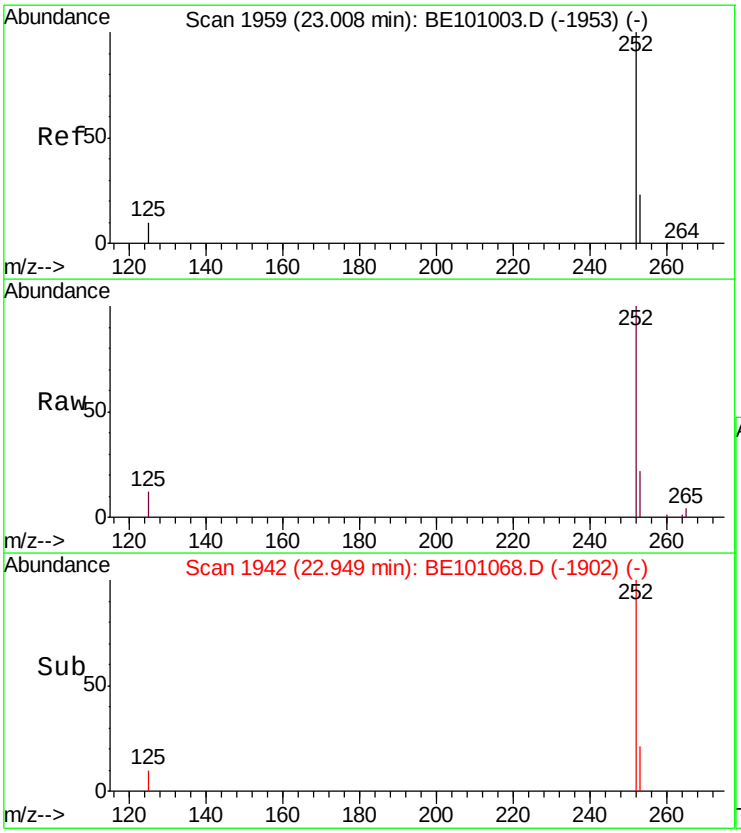
#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 24417

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	11.9	9.5	14.3

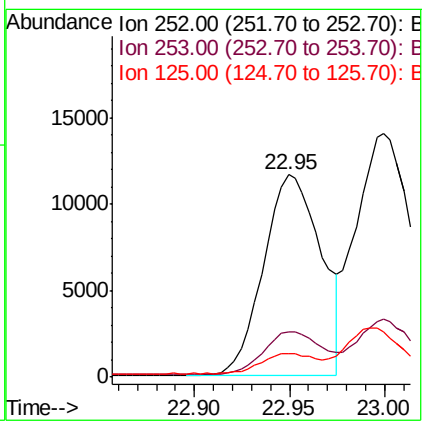


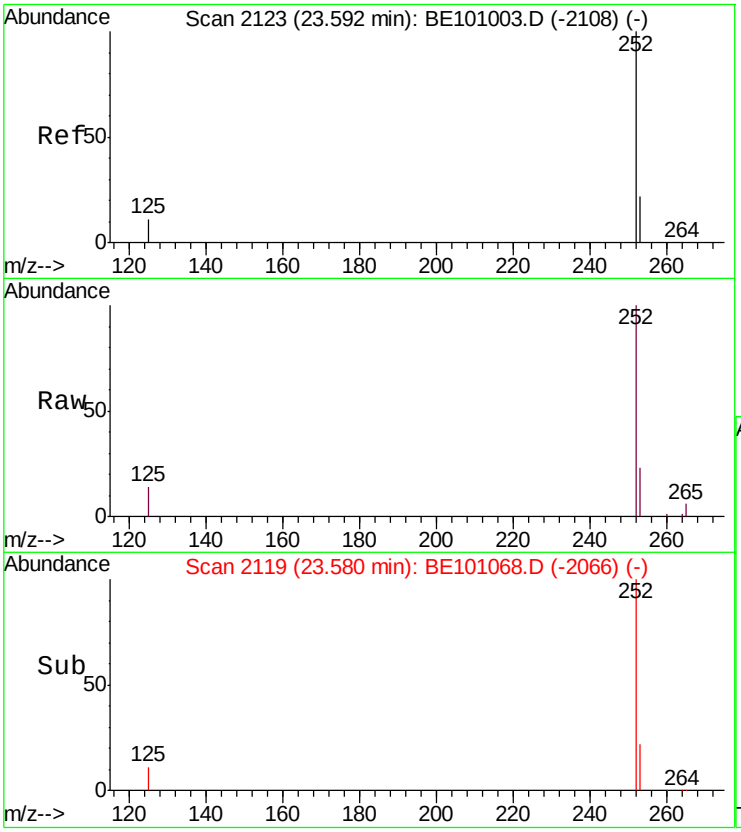


#36
Benzo(k)fluoranthene
Concen: 0.247 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.06 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:252 Resp: 24417

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	11.9	10.1	15.1



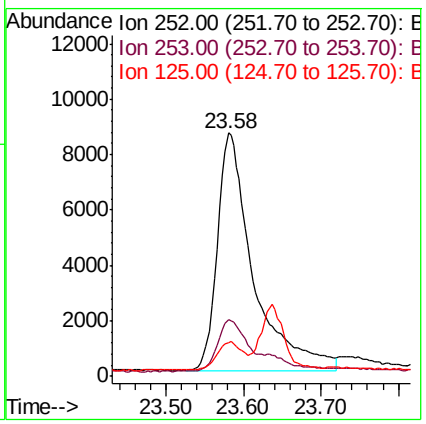


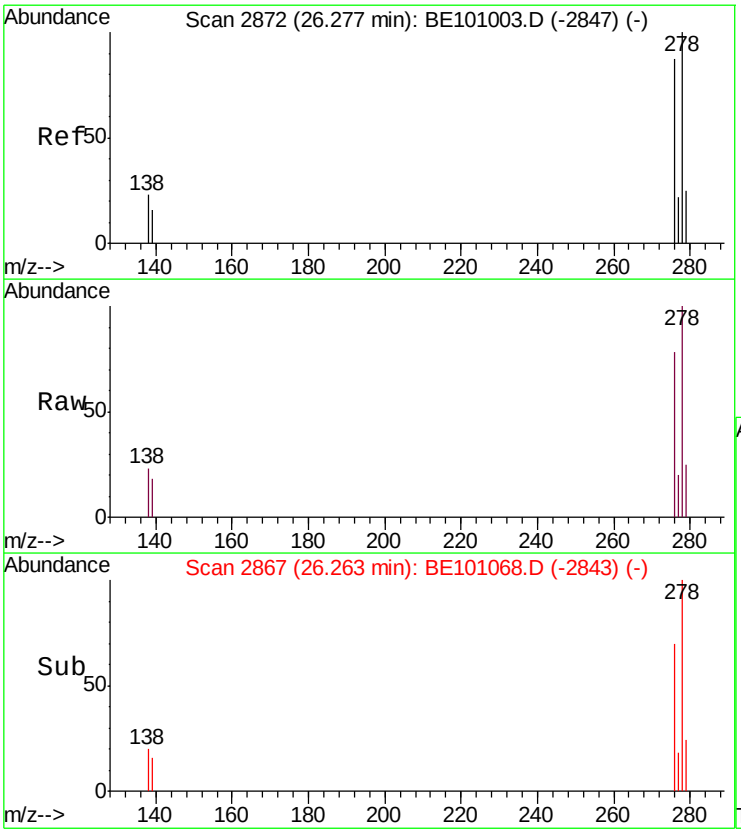
#37
Benzo(a)pyrene
Concen: 0.420 ng
RT: 23.58 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 27642

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.4	29.2
125	13.8	11.8	17.6

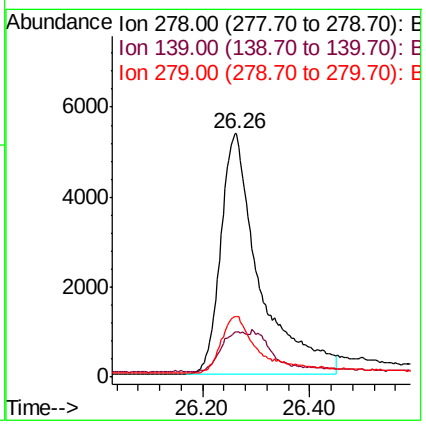


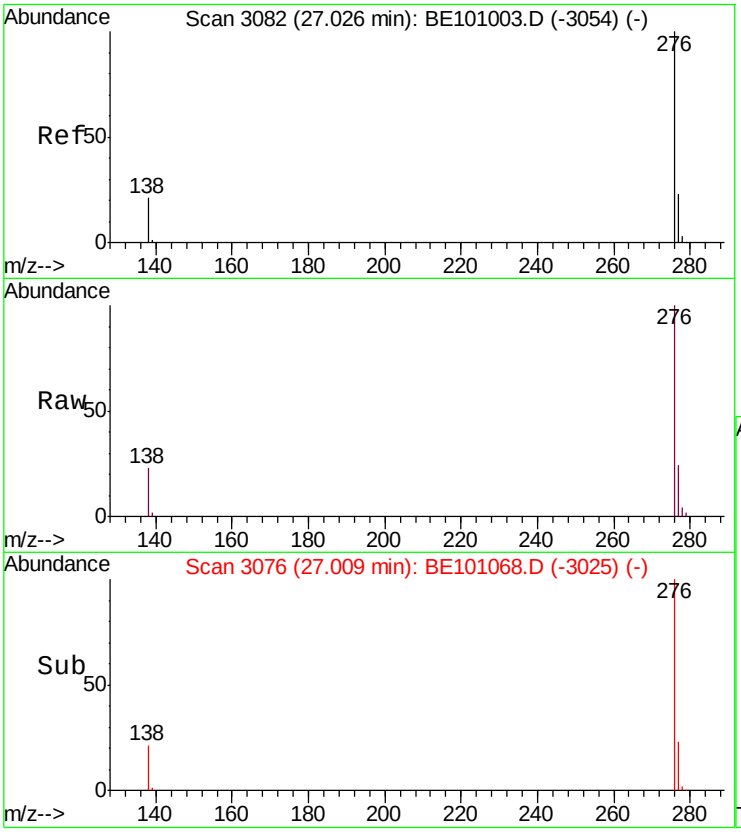


#38
Dibenzo(a,h)anthracene
Concen: 0.445 ng
RT: 26.26 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Tgt Ion:278 Resp: 26947

Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.0	22.4
279	25.1	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.414 ng
RT: 27.01 min Scan# 3076
Delta R.T. -0.02 min
Lab File: BE101068.D
Acq: 15 Jan 2020 21:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 30851

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	22.6	17.9	26.9