Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012220\

Quantitation Report (Not Reviewed)

Data File : BE101125.D
Acq On : 22 Jan 2020 21:36
Operator : CG/JU
Sample : L1148-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-32-(3-5)

Quant Time: Jan 23 04:09:35 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	2957	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	14719	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	11516	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	18641	0.40	ng	0.01
27) Chrysene-d12	21.32	240	26663	0.40	ng	0.04
34) Perylene-d12	23.75	264	29305	0.40	ng	0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2673	0.40	ng	0.00
5) Phenol-d6	6.92	99	3298	0.39	ng	0.00
8) Nitrobenzene-d5	8.86	82	3913	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	5367	0.19	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	1106	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	9029	0.21	ng	-0.01
25) Fluoranthene-d10	19.15	212	221132	0.85	ng	0.02
29) Terphenyl-d14	19.75	244	13404	0.20	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	199	Below Cal	#	26
6) bis(2-Chloroethyl)ether	7.17	93	2558	0.255	ng	# 1
9) Naphthalene	10.55	128	4730903	28.947	ng	100
12) 2-Methylnaphthalene	12.17	142	368217	14.894	ng	# 49
16) Acenaphthylene	14.08	152	1372453	29.261	ng	100
17) Acenaphthene	14.43	154	150364	4.479	ng	96
18) Fluorene	15.39	166	706317	16.645	ng	98
20) 4-Bromophenyl-phenylether	16.29	248	525	0.058	ng	# 1
22) Pentachlorophenol	16.77	266	4132	1.434	ng	# 89
23) Phenanthrene	17.15	178	3819079	75.027	ng	96
24) Anthracene	17.15	178	3819079	79.510	ng	95
26) Fluoranthene	19.21	202	4834392	75.837	ng	96
28) Pyrene	19.57	202	6119091	61.652	ng	# 90
30) Benzo(a)anthracene	21.29	228	3617995	47.554	ng	# 92
31) Chrysene	21.29	228	3617995	31.996	ng	94
32) Bis(2-ethylhexyl)phthalate	21.21	149	49363	0.389	ng	# 95
33) Indeno(1,2,3-cd)pyrene	26.36	276	2908157	32.551	ng	98
35) Benzo(b)fluoranthene	23.02	252	4282311	52.104	ng	# 97
36) Benzo(k)fluoranthene	23.02	252	4282311	35.956	ng	98
37) Benzo(a)pyrene	23.66	252	3274968	41.192	ng	99
38) Dibenzo(a,h)anthracene	26.37	278	631398	8.635	ng	98
39) Benzo(g,h,i)perylene	27.17	276	3410393	37.926	ng	99

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

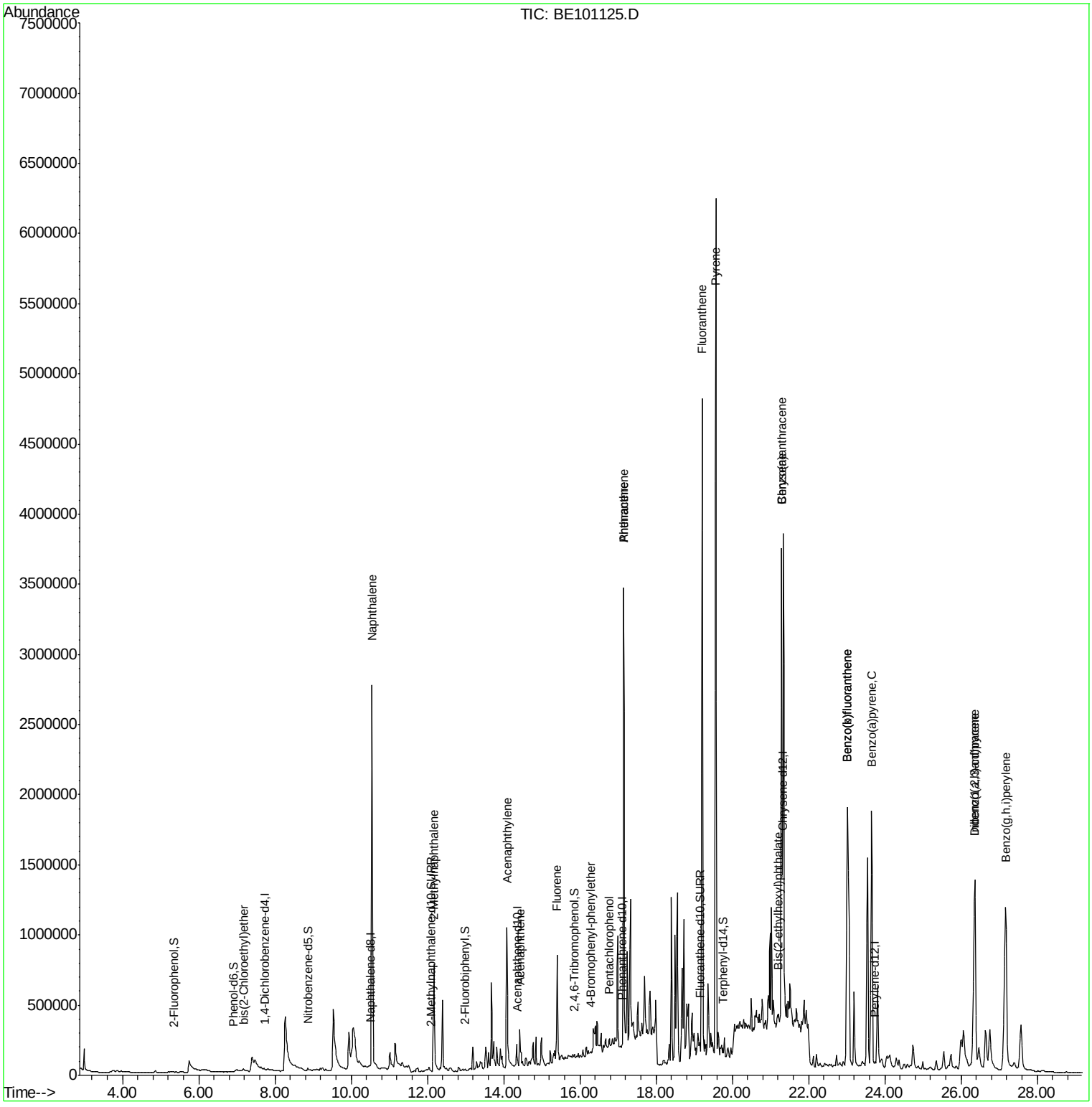
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012220\

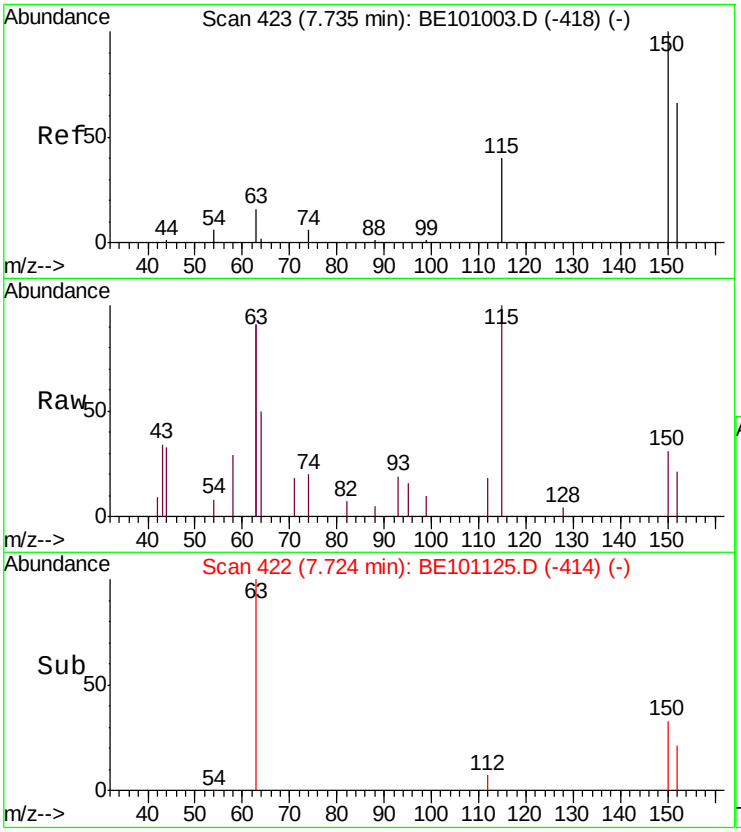
Quantitation Report (Not Reviewed)

Data File : BE101125.D
Acq On : 22 Jan 2020 21:36
Operator : CG/JU
Sample : L1148-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Quant Time: Jan 23 04:09:35 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



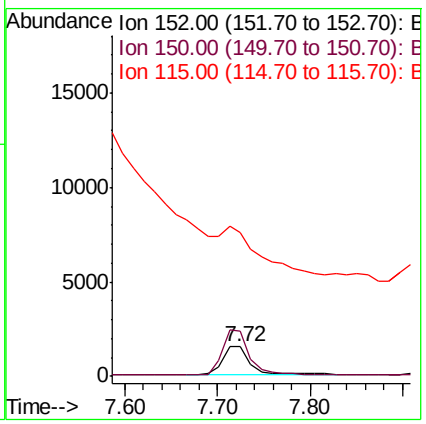


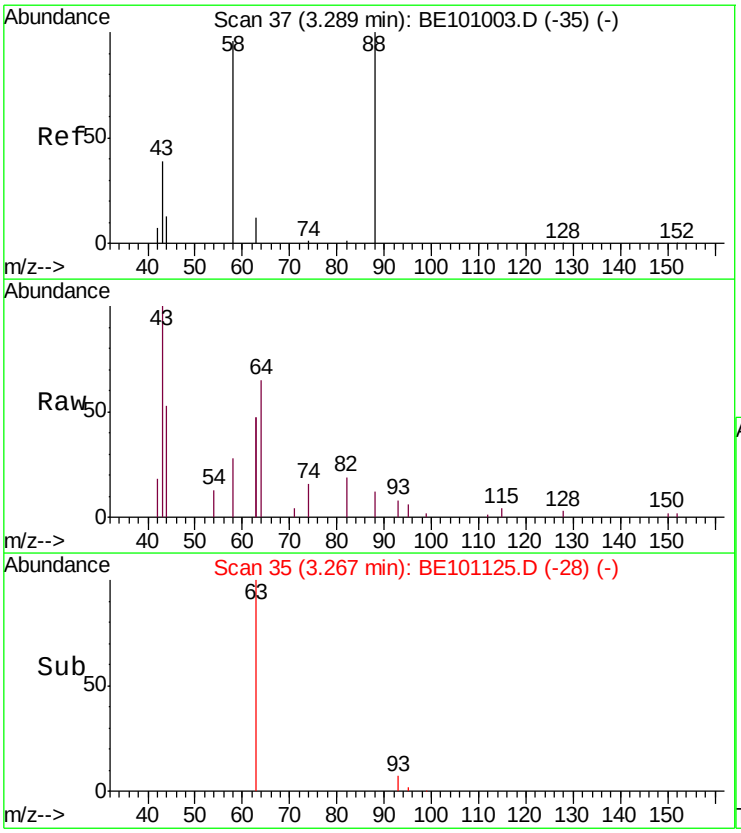
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:152 Resp: 2957

Ion	Ratio	Lower	Upper
152	100		
150	150.7	120.3	180.5
115	482.9	51.7	77.5#

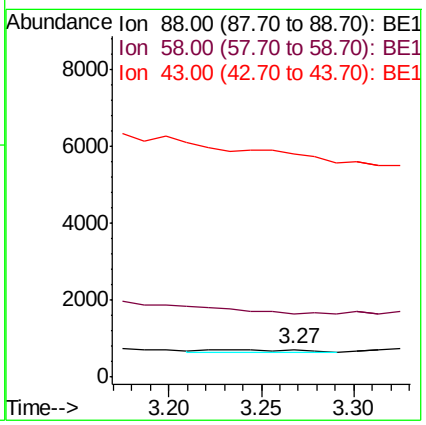


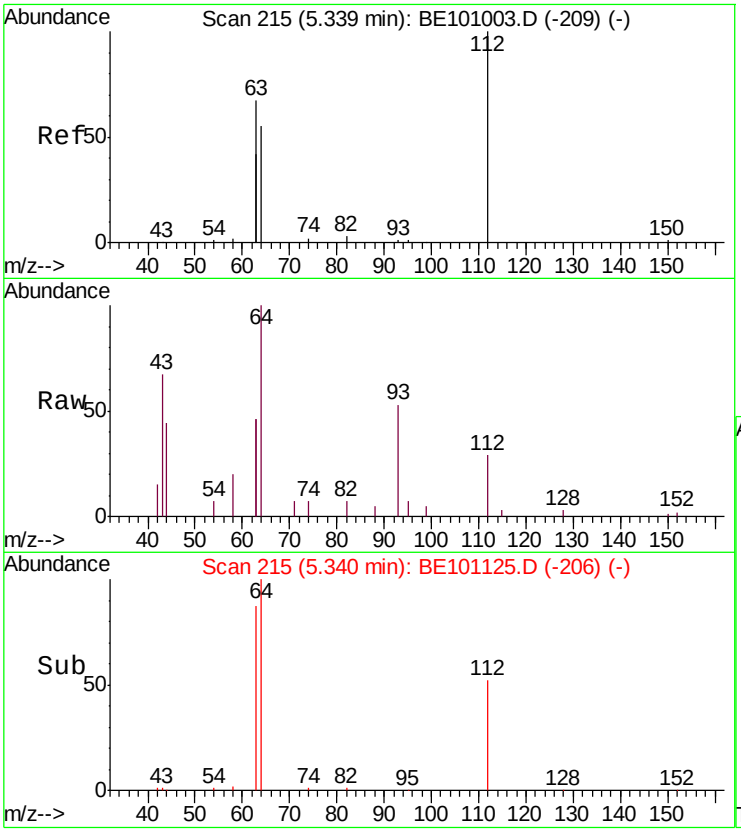


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.27 min Scan# 35
Delta R.T. -0.02 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion: 88 Resp: 199

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.0	79.4#
43	0.0	23.4	35.2#



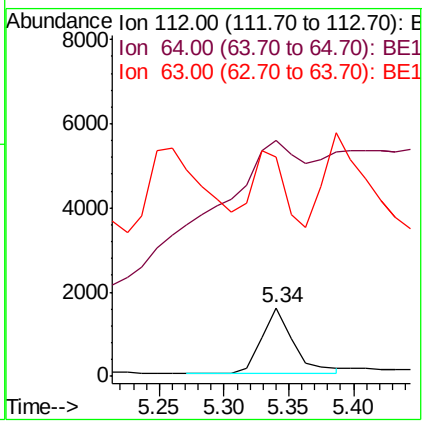


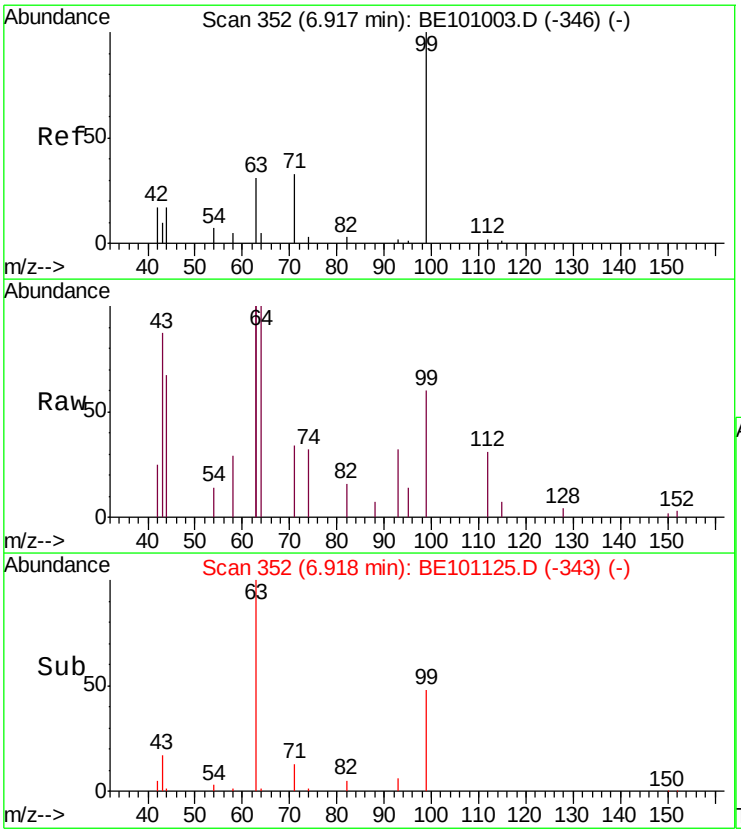
#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:112 Resp: 2673

Ion	Ratio	Lower	Upper
112	100		
64	293.3	53.6	80.4#
63	114.8	114.6	172.0

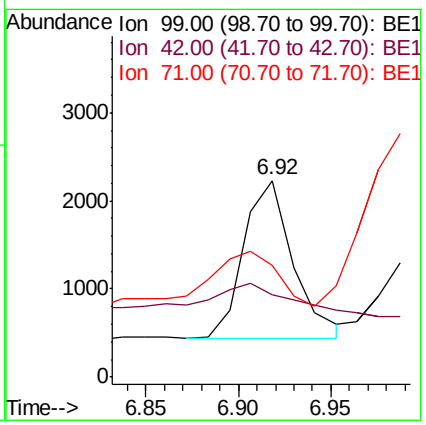


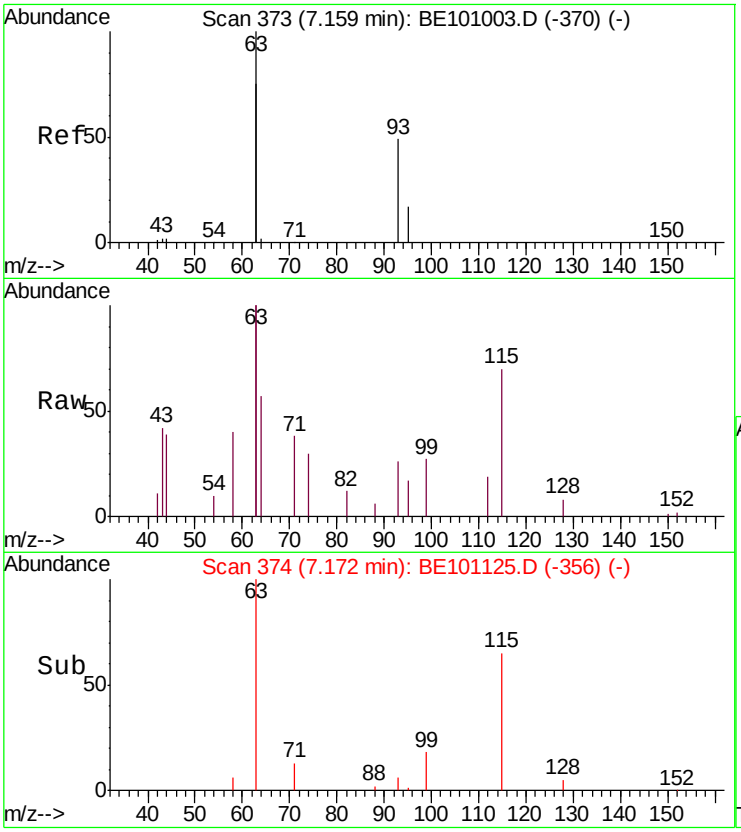


#5
Phenol-d6
Concen: 0.392 ng
RT: 6.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion: 99 Resp: 3298

Ion	Ratio	Lower	Upper
99	100		
42	49.0	18.3	27.5#
71	50.8	28.0	42.0#



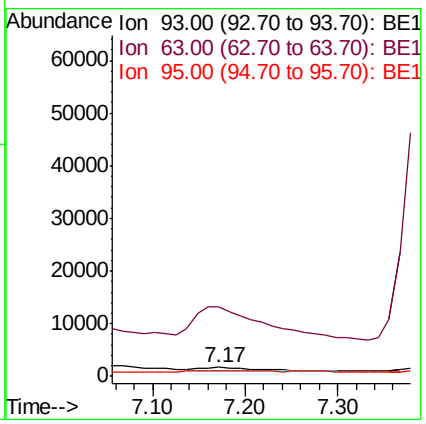


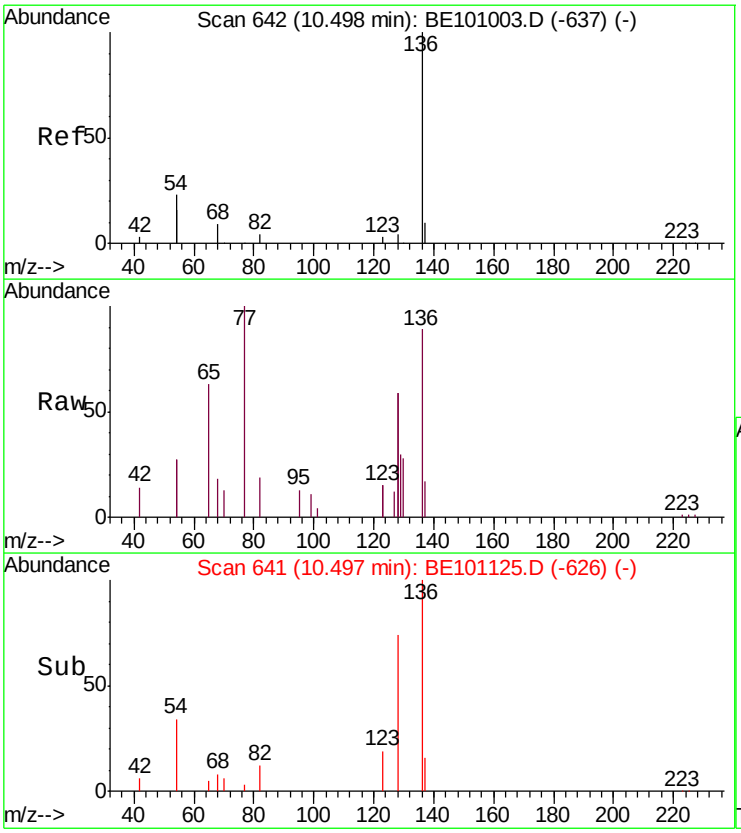
#6
bis(2-Chloroethyl)ether
Concen: 0.255 ng
RT: 7.17 min Scan# 374
Delta R.T. 0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion: 93 Resp: 2558

Ion	Ratio	Lower	Upper
93	100		
63	1069.0	233.9	350.9#
95	75.5	23.5	35.3#

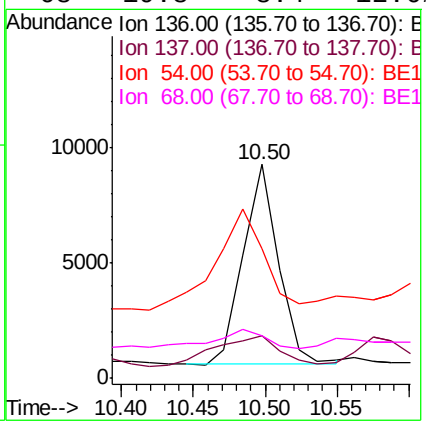


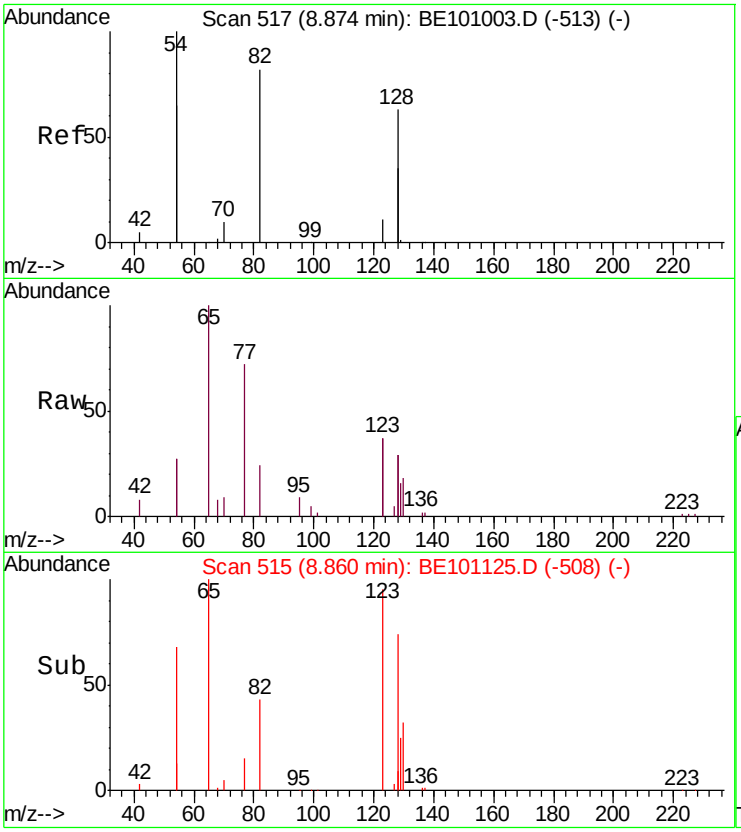


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:136 Resp: 14719

Ion	Ratio	Lower	Upper
136	100		
137	19.5	9.3	13.9#
54	60.5	36.8	55.2#
68	19.8	8.4	12.6#



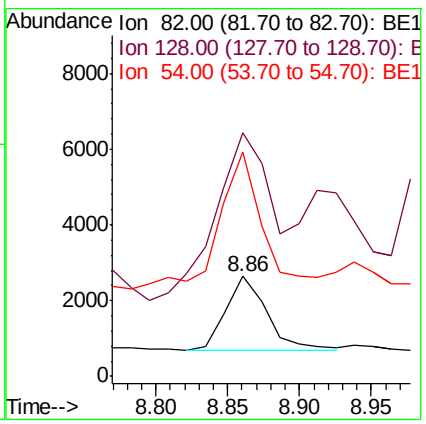


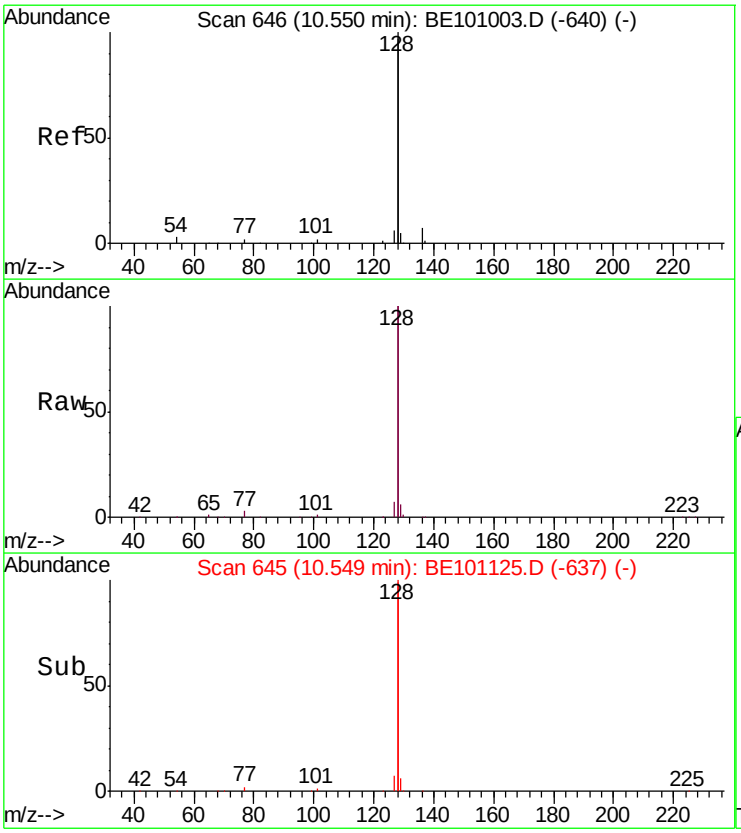
#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.86 min Scan# 515
Delta R.T. -0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion: 82 Resp: 3913

Ion	Ratio	Lower	Upper
82	100		
128	243.9	109.8	164.6#
54	224.7	174.5	261.7

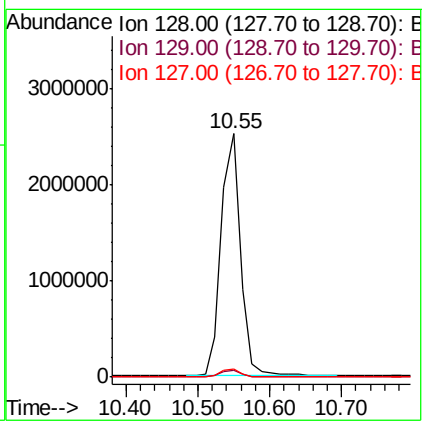


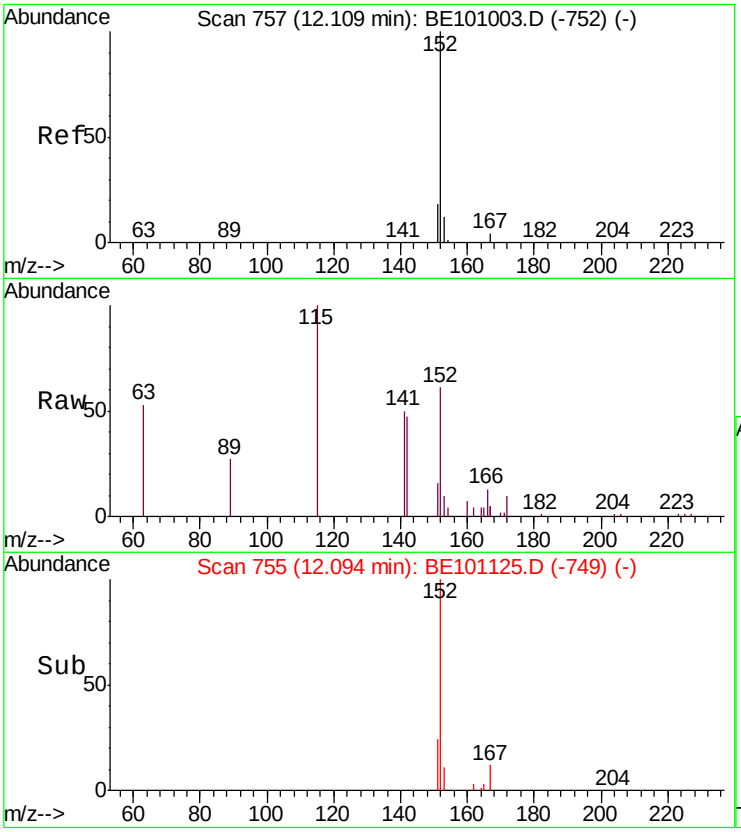


#9
Naphthalene
Concen: 28.947 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:128 Resp: 4730903

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.3	2.7	4.1



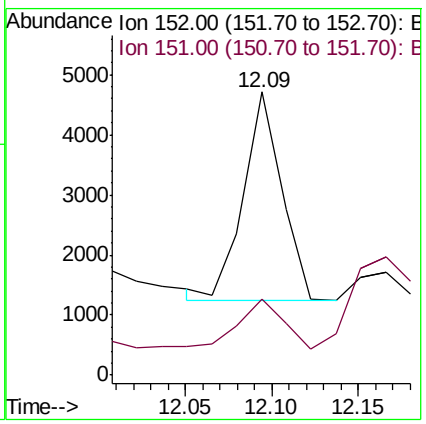


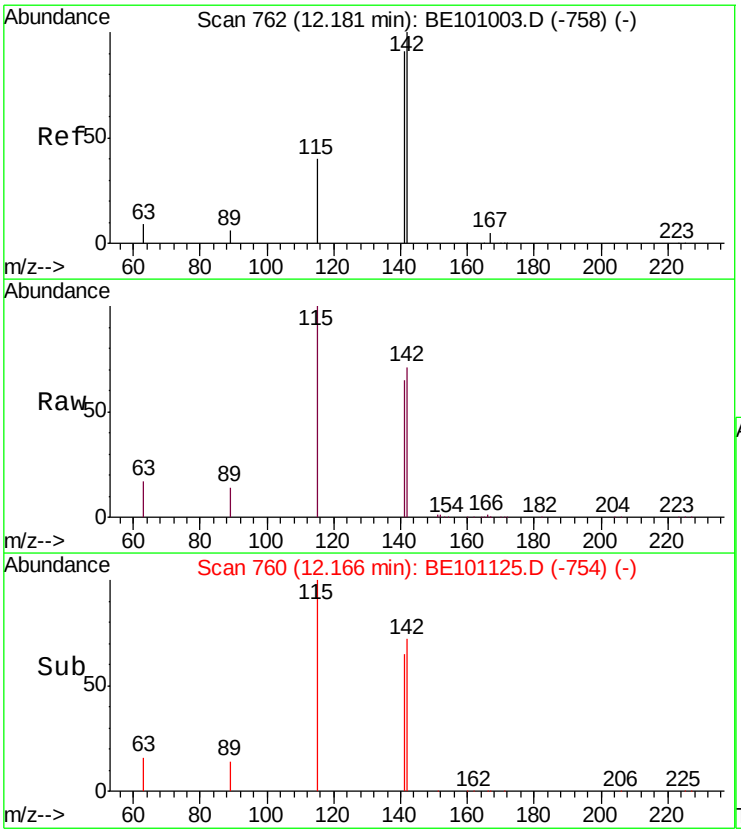
#11
2-Methylnaphthalene-d10
Concen: 0.191 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:152 Resp: 5367

Ion	Ratio	Lower	Upper
152	100		
151	27.7	15.0	22.6#

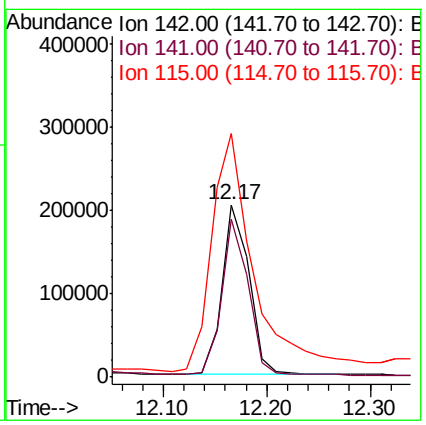


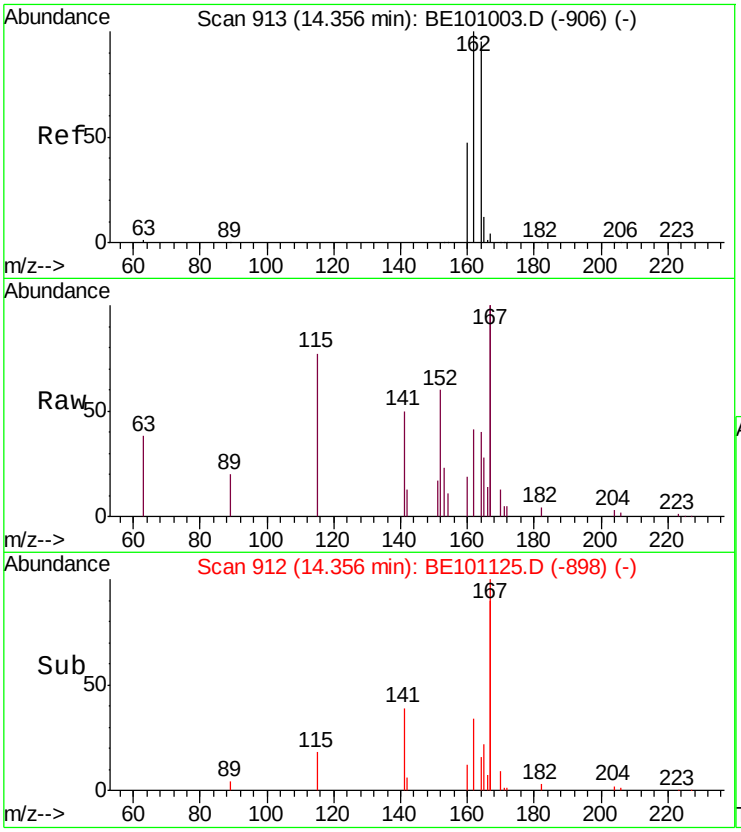


#12
2-Methylnaphthalene
Concen: 14.894 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:142 Resp: 368217

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.5	108.7
115	141.4	33.0	49.6#



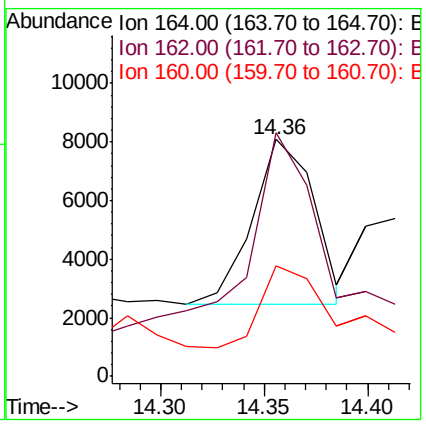


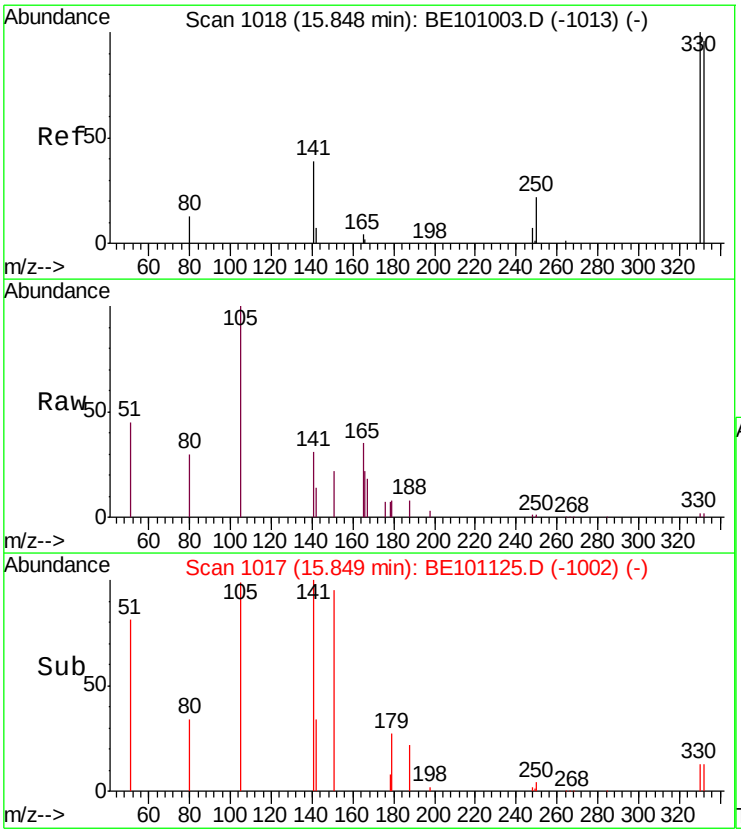
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:164 Resp: 11516

Ion	Ratio	Lower	Upper
164	100		
162	102.8	84.1	126.1
160	46.4	40.4	60.6

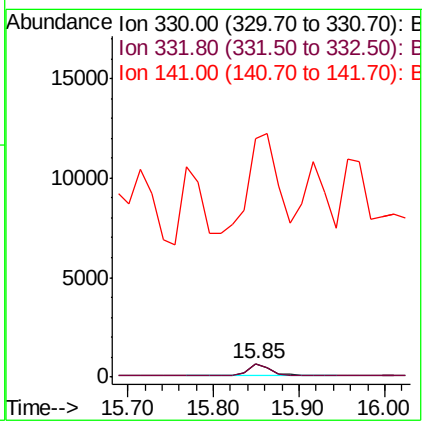


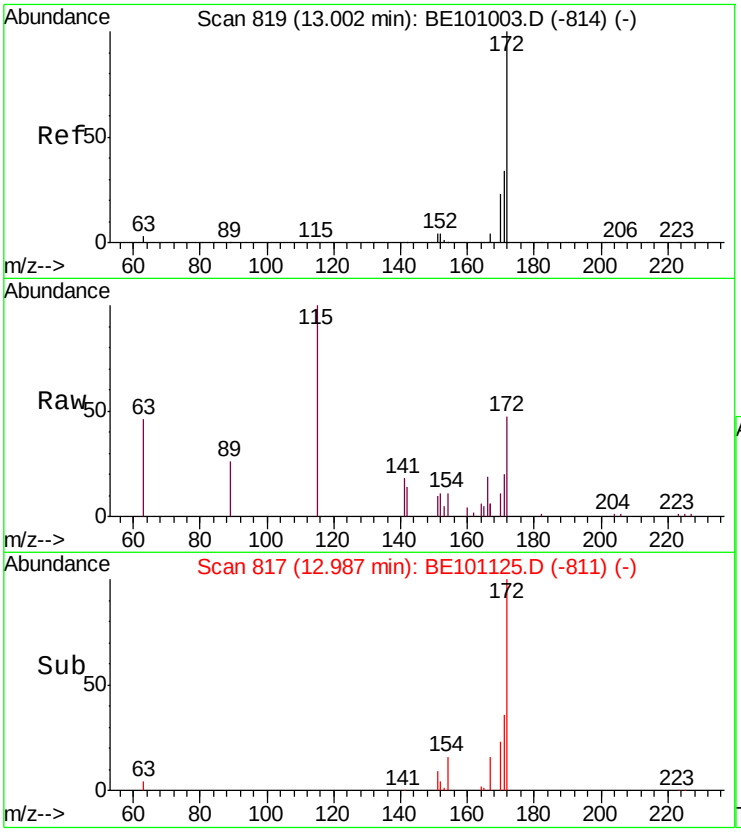


#14
2,4,6-Tribromophenol
Concen: 0.340 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:330 Resp: 1106

Ion	Ratio	Lower	Upper
330	100		
332	99.2	78.4	117.6
141	1041.8	37.0	55.4#



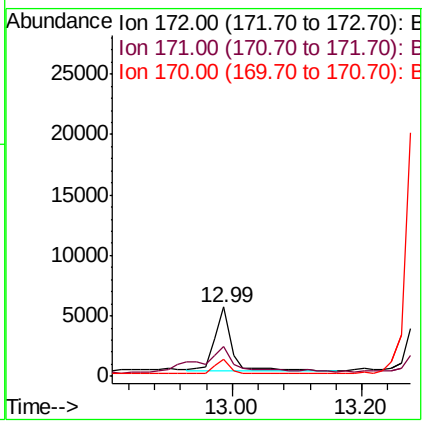


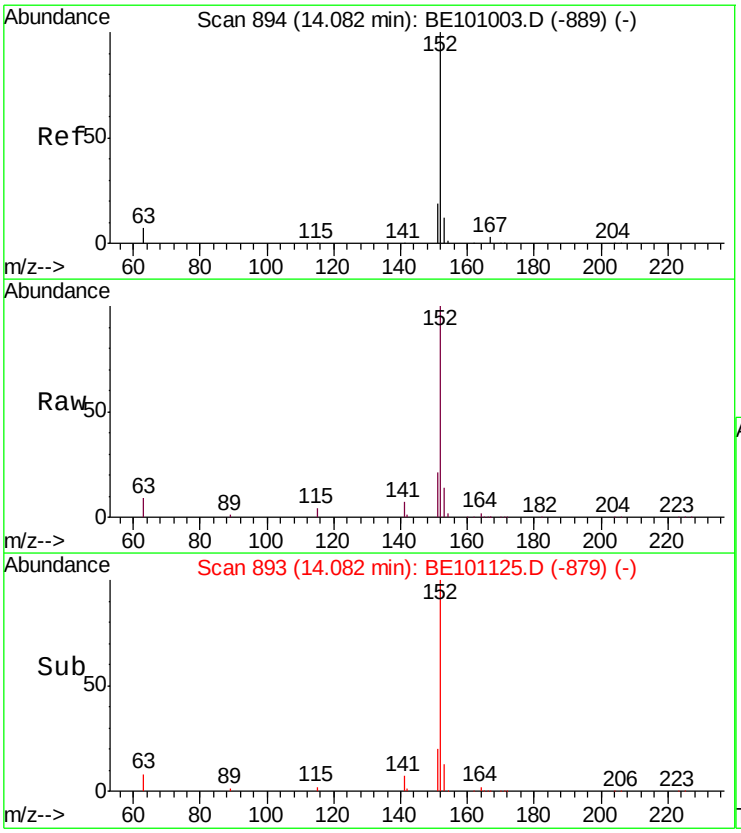
#15
2-Fluorobiphenyl
Concen: 0.206 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:172 Resp: 9029

Ion	Ratio	Lower	Upper
172	100		
171	42.6	28.2	42.2#
170	23.9	18.9	28.3

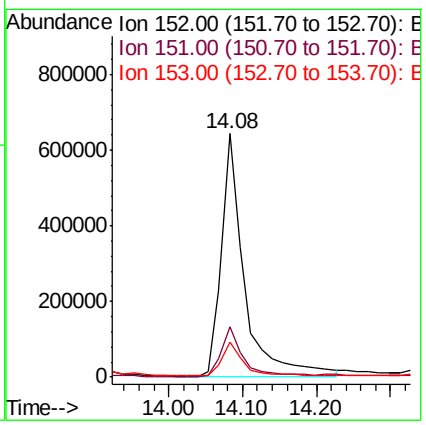


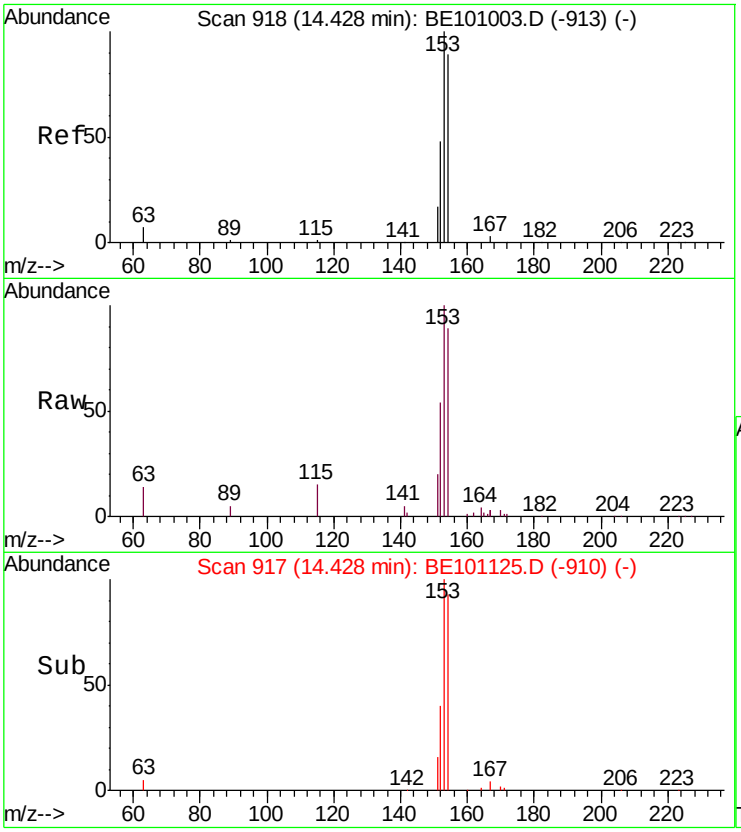


#16
Acenaphthylene
Concen: 29.261 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:152 Resp: 1372453

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.3	10.4	15.6



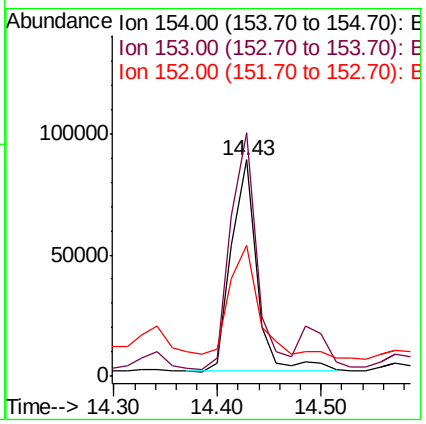


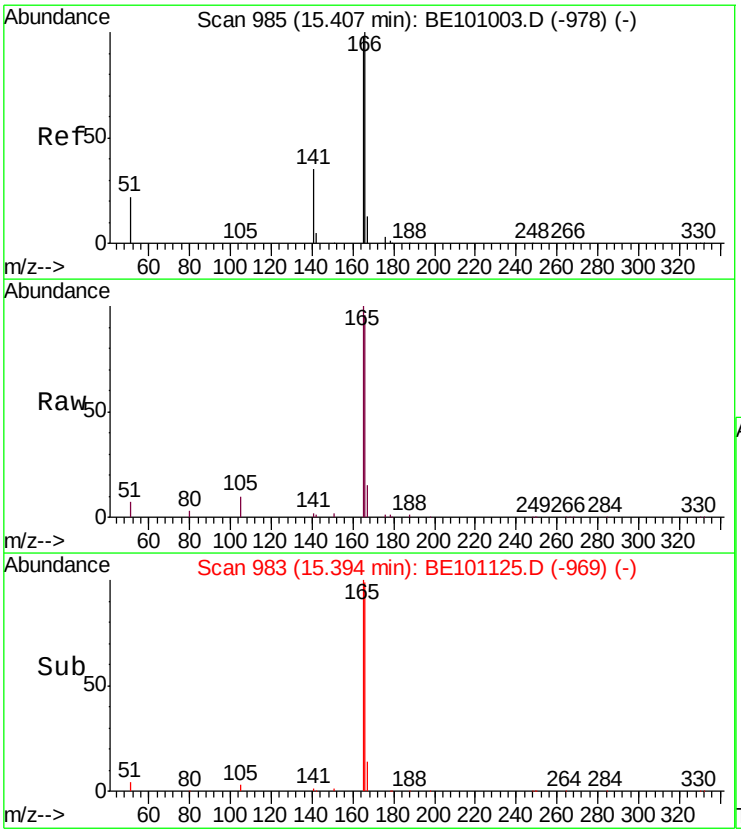
#17
Acenaphthene
Concen: 4.479 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:154 Resp: 150364

Ion	Ratio	Lower	Upper
154	100		
153	114.1	93.6	140.4
152	61.8	46.3	69.5

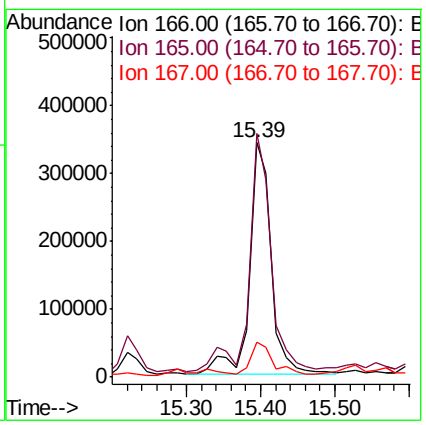


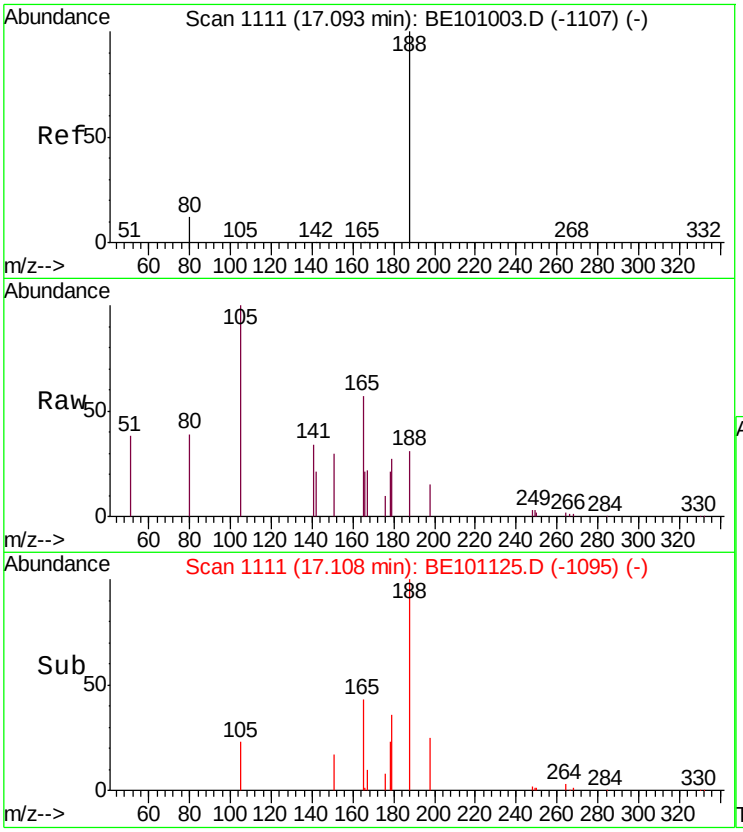


#18
Fluorene
Concen: 16.645 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:166 Resp: 706317

Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.8	119.8
167	14.3	11.0	16.6



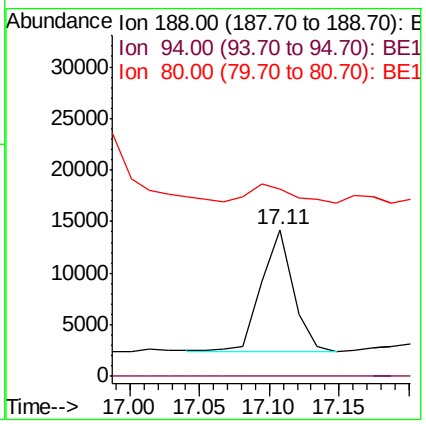


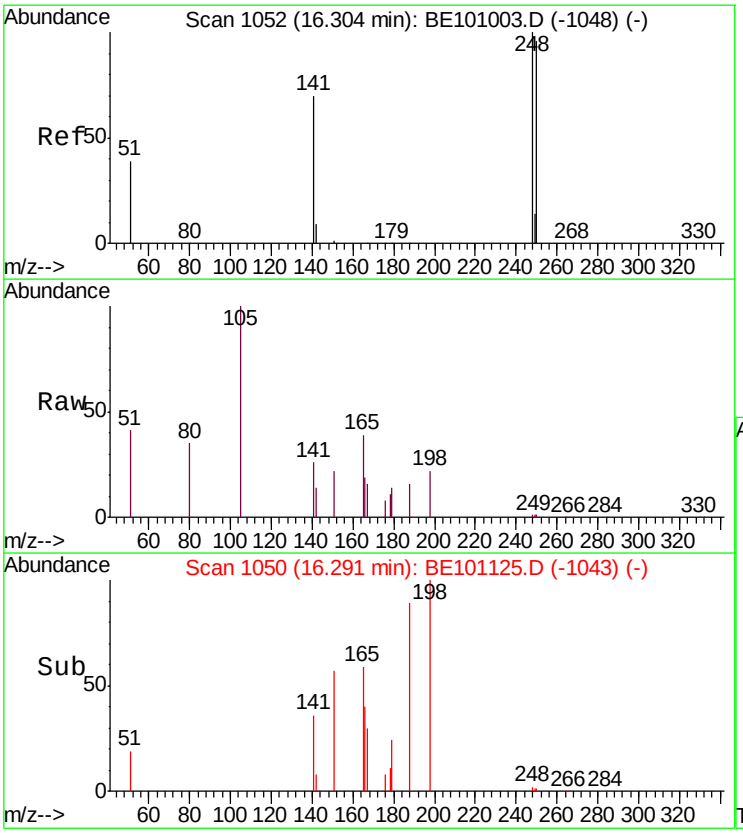
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:188 Resp: 18641

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	127.7	10.8	16.2#

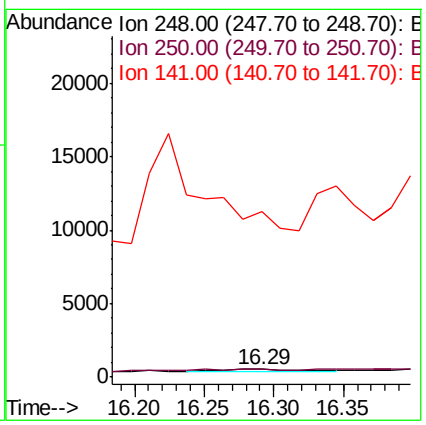


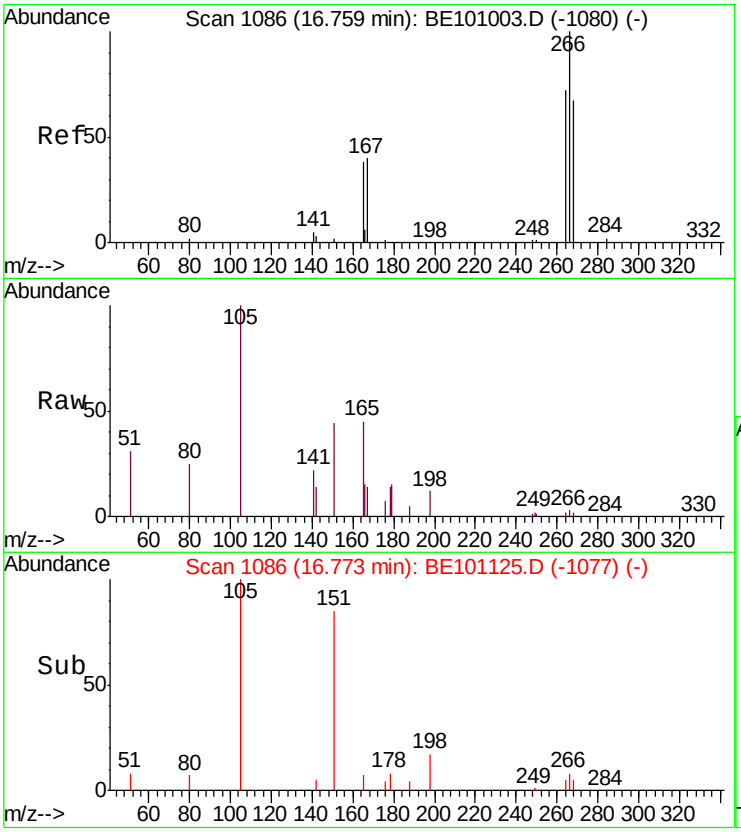


#20
4-Bromophenyl-phenylether
Concen: 0.058 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:248 Resp: 525

Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.6	115.0
141	2109.4	57.7	86.5#



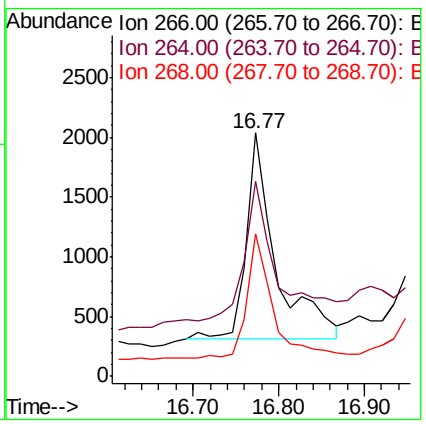


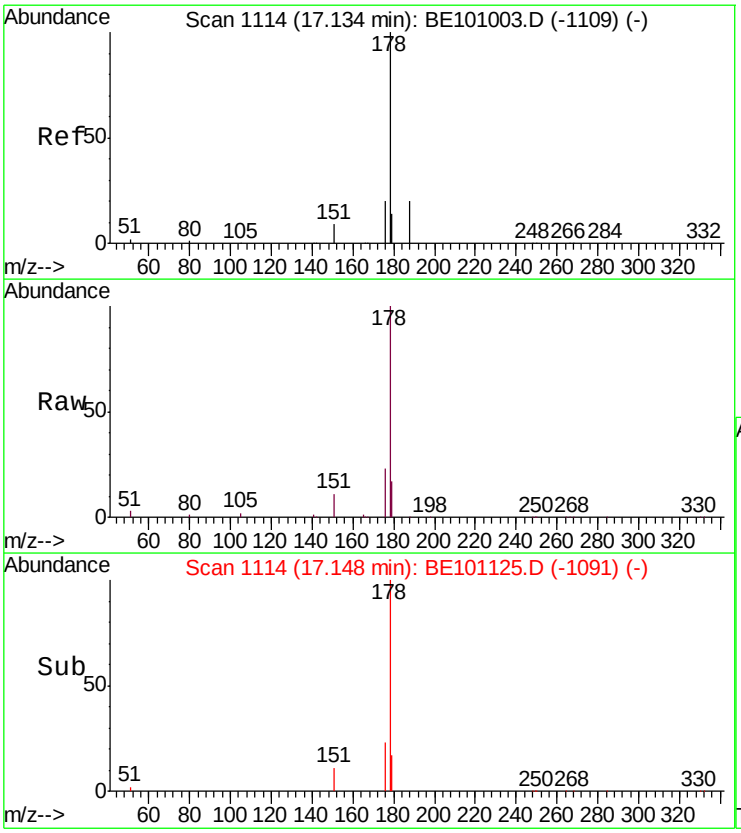
#22
Pentachlorophenol
Concen: 1.434 ng
RT: 16.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:266 Resp: 4132

Ion	Ratio	Lower	Upper
266	100		
264	79.9	61.0	91.4
268	58.4	58.5	87.7#

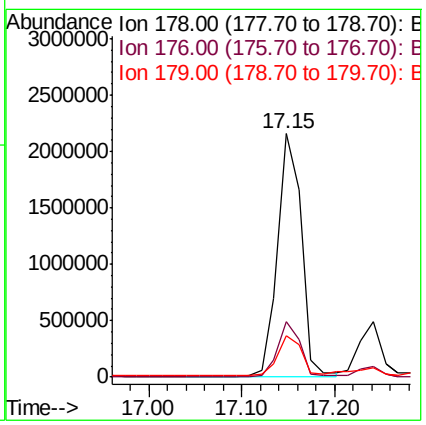


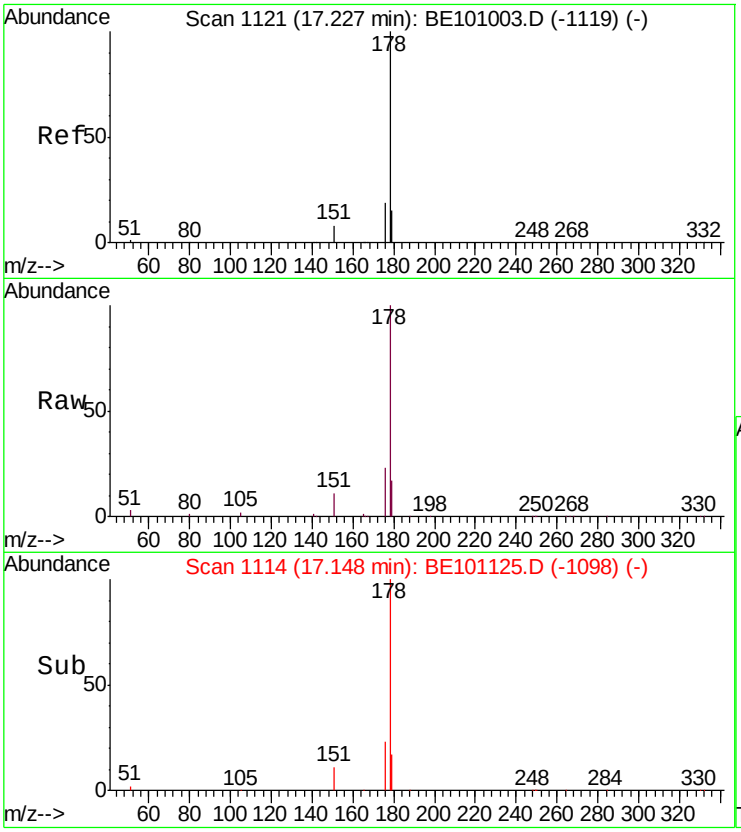


#23
Phenanthrene
Concen: 75.027 ng
RT: 17.15 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:178 Resp: 3819079

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.7	23.5
179	17.1	12.0	18.0



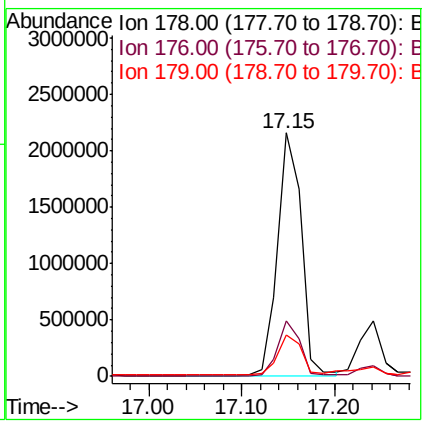


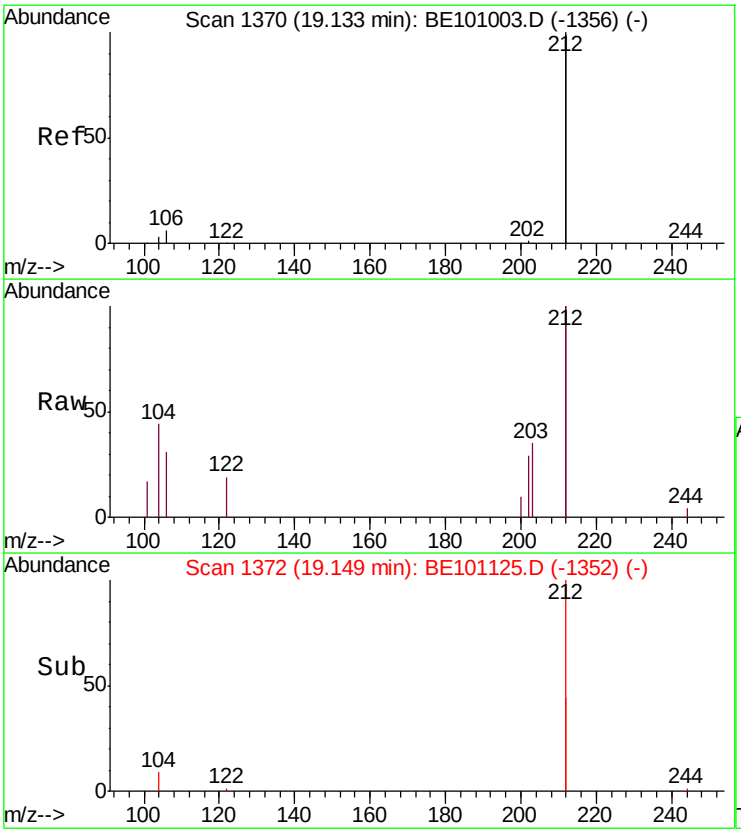
#24
Anthracene
Concen: 79.510 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.08 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:178 Resp: 3819079

Ion	Ratio	Lower	Upper
178	100		
176	21.3	14.8	22.2
179	17.1	12.4	18.6

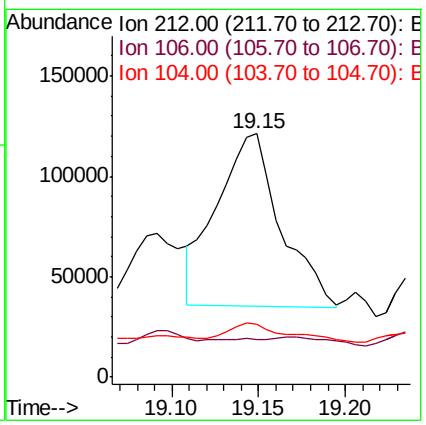


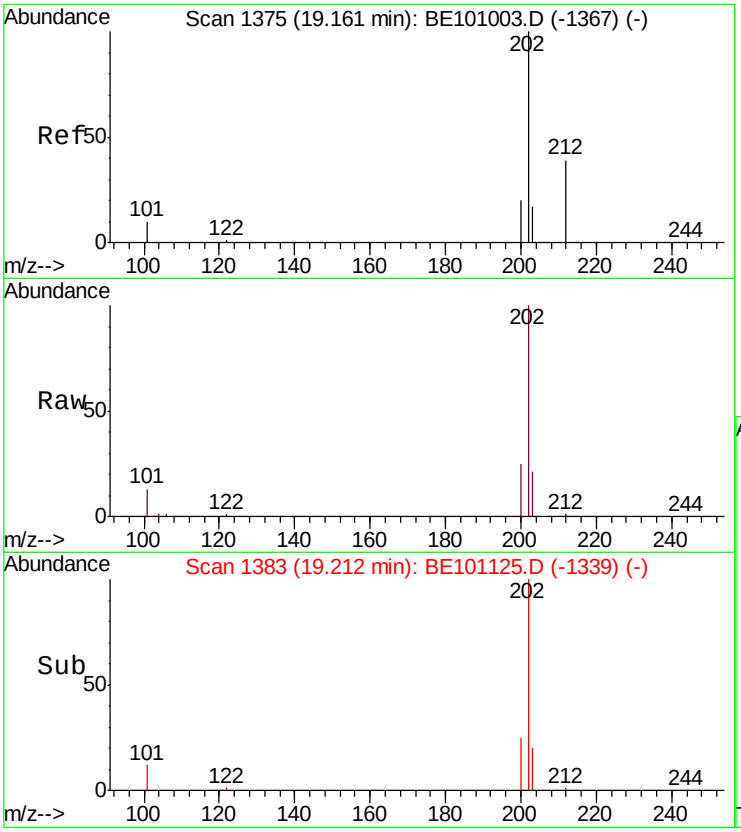


#25
Fluoranthene-d10
Concen: 0.854 ng
RT: 19.15 min Scan# 1372
Delta R.T. 0.02 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:212 Resp: 221132

Ion	Ratio	Lower	Upper
212	100		
106	0.0	2.6	3.8#
104	10.3	1.4	2.0#



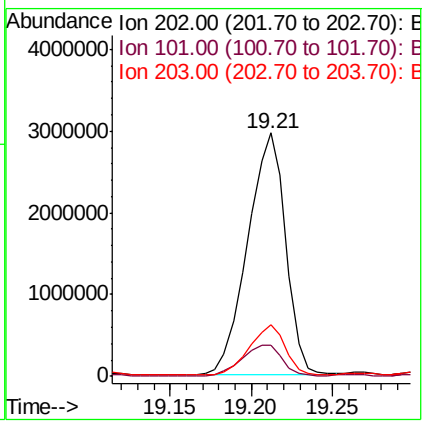


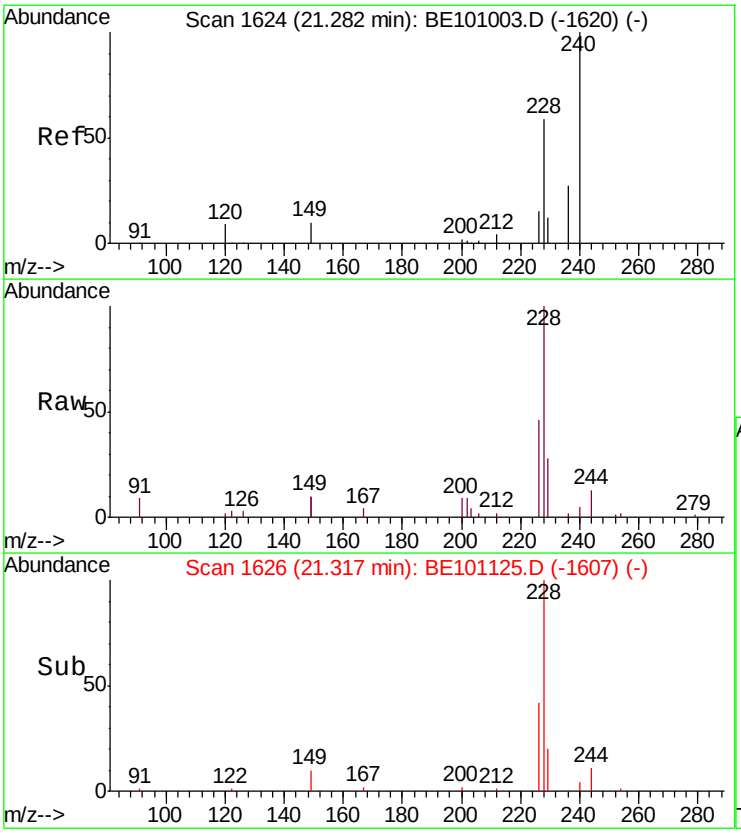
#26
Fluoranthene
Concen: 75.837 ng
RT: 19.21 min Scan# 1383
Delta R.T. 0.05 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:202 Resp: 4834392

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.6	14.4
203	19.4	13.8	20.6

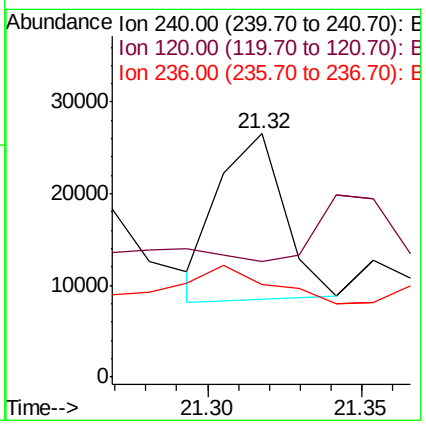


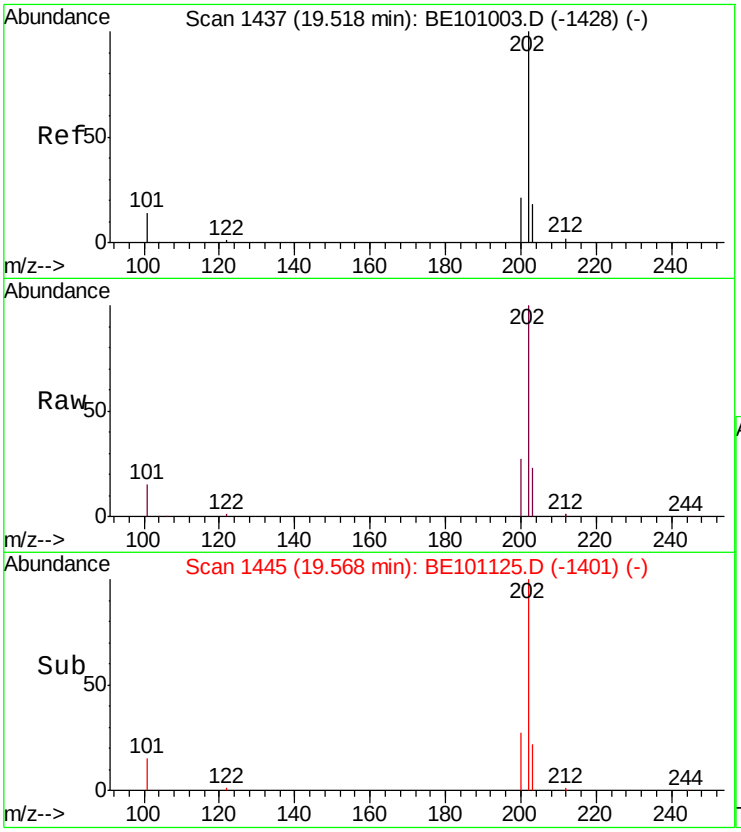


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.04 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:240 Resp: 26663

Ion	Ratio	Lower	Upper
240	100		
120	47.5	8.6	13.0#
236	38.2	22.2	33.4#



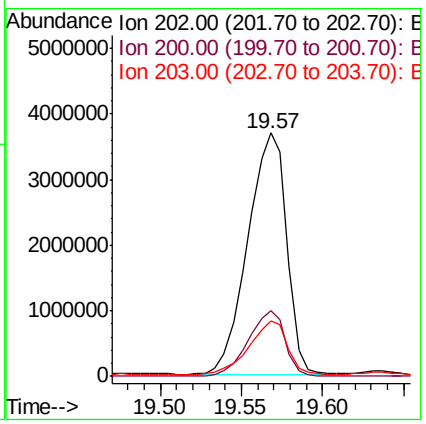


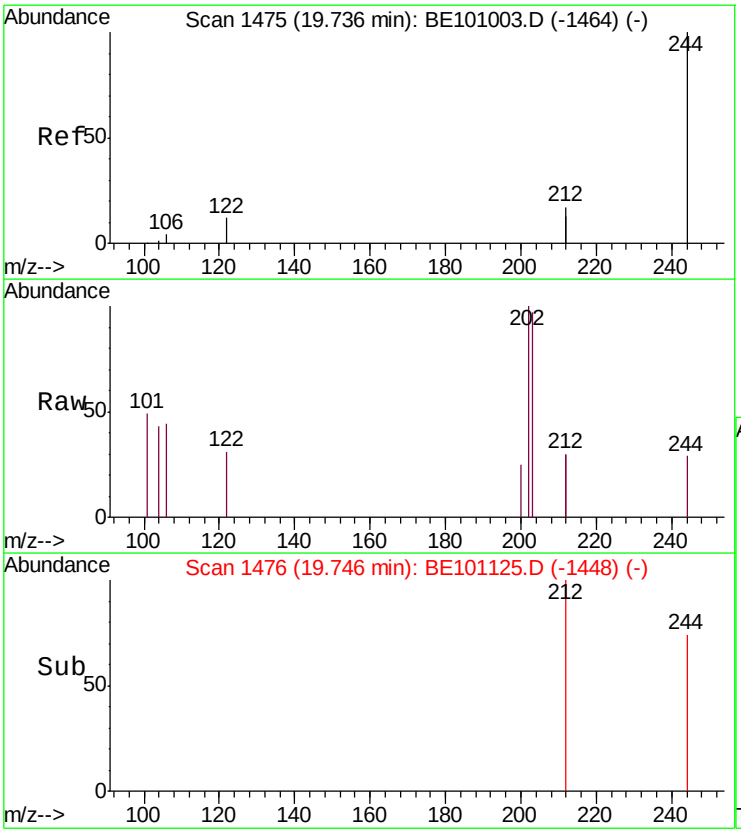
#28
Pyrene
Concen: 61.652 ng
RT: 19.57 min Scan# 1445
Delta R.T. 0.05 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:202 Resp: 6119091

Ion	Ratio	Lower	Upper
202	100		
200	25.3	17.0	25.4
203	22.2	13.8	20.6#

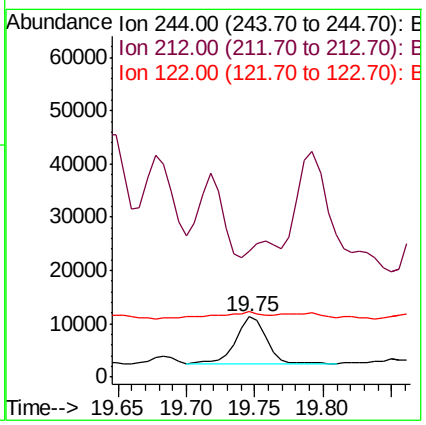


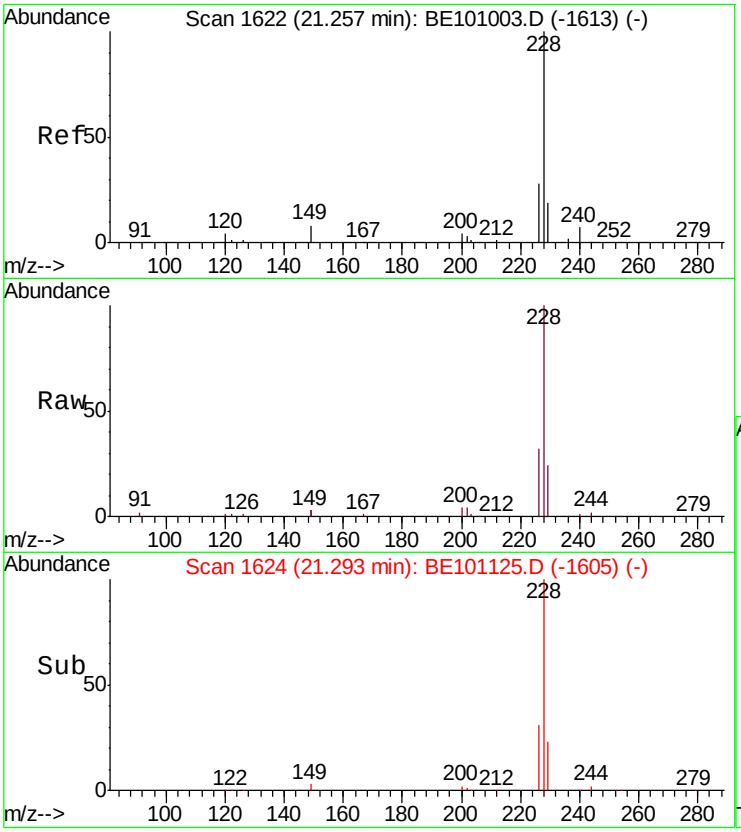


#29
Terphenyl-d14
Concen: 0.205 ng
RT: 19.75 min Scan# 1476
Delta R.T. 0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:244 Resp: 13404

Ion	Ratio	Lower	Upper
244	100		
212	210.4	27.2	40.8#
122	108.6	9.8	14.8#



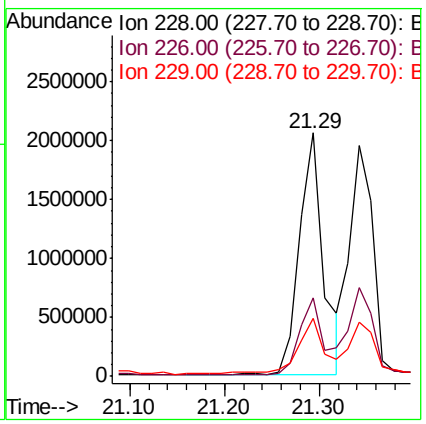


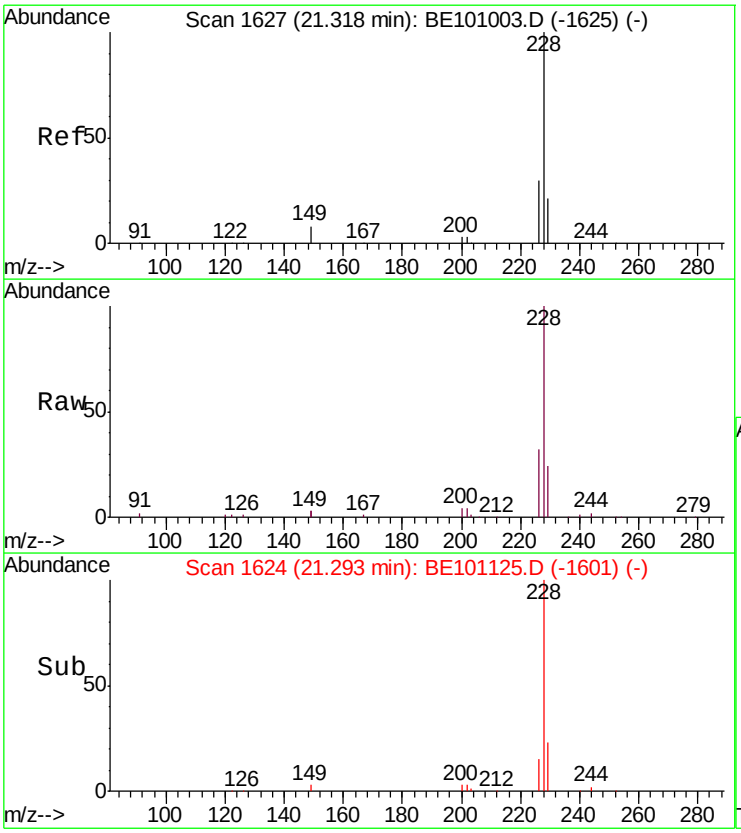
#30
Benzo(a)anthracene
Concen: 47.554 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.04 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:228 Resp: 3617995

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.7	34.1
229	23.9	15.5	23.3#

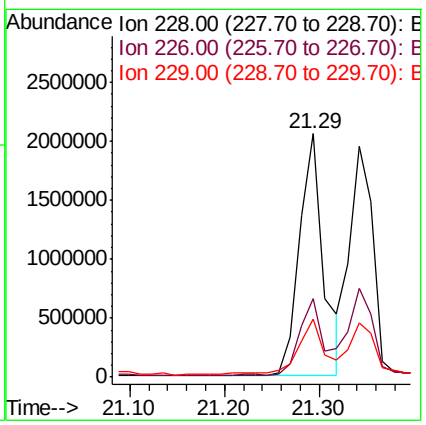


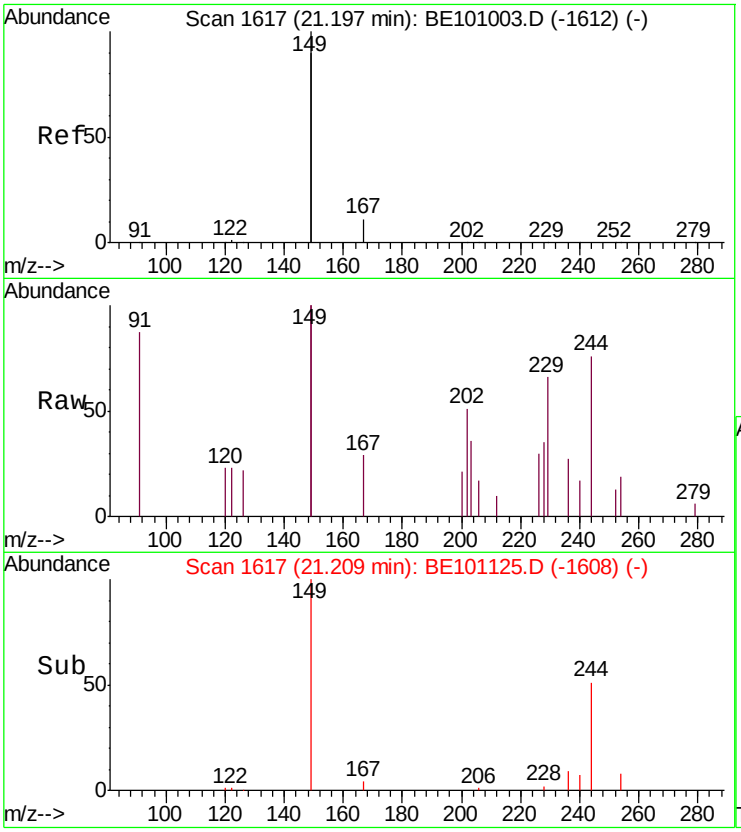


#31
Chrysene
Concen: 31.996 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:228 Resp: 3617995

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.5	35.3
229	23.9	16.7	25.1



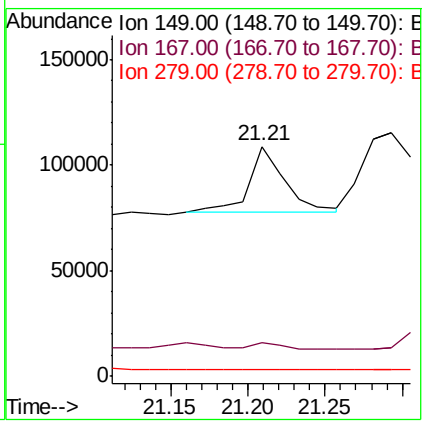


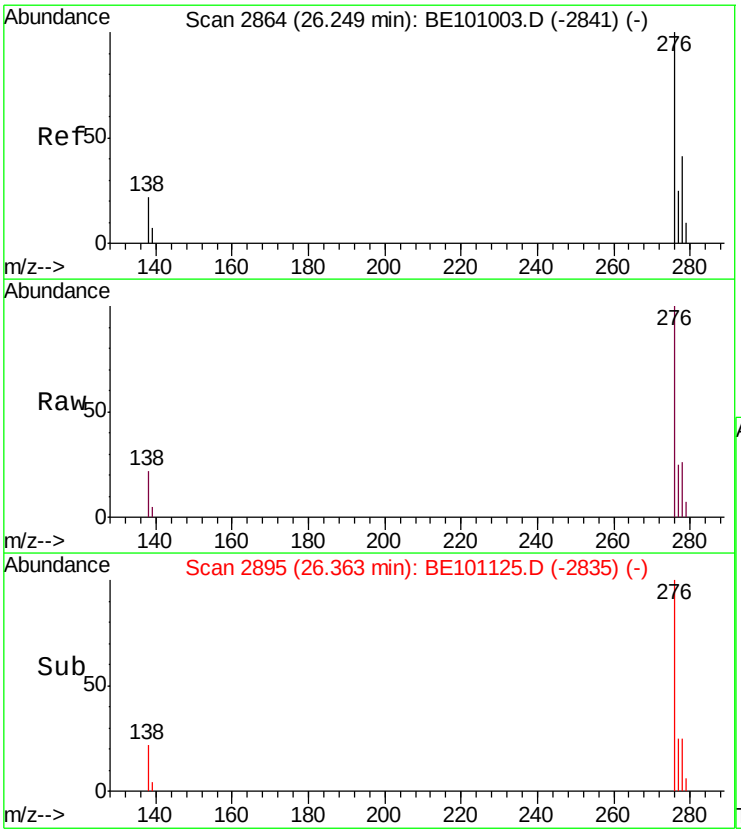
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.389 ng
RT: 21.21 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:149 Resp: 49363

Ion	Ratio	Lower	Upper
149	100		
167	8.3	5.2	7.8#
279	0.0	0.8	1.2#

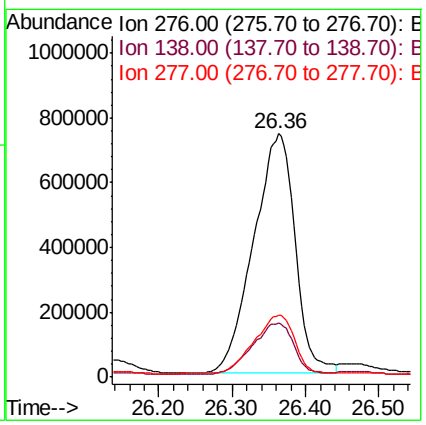


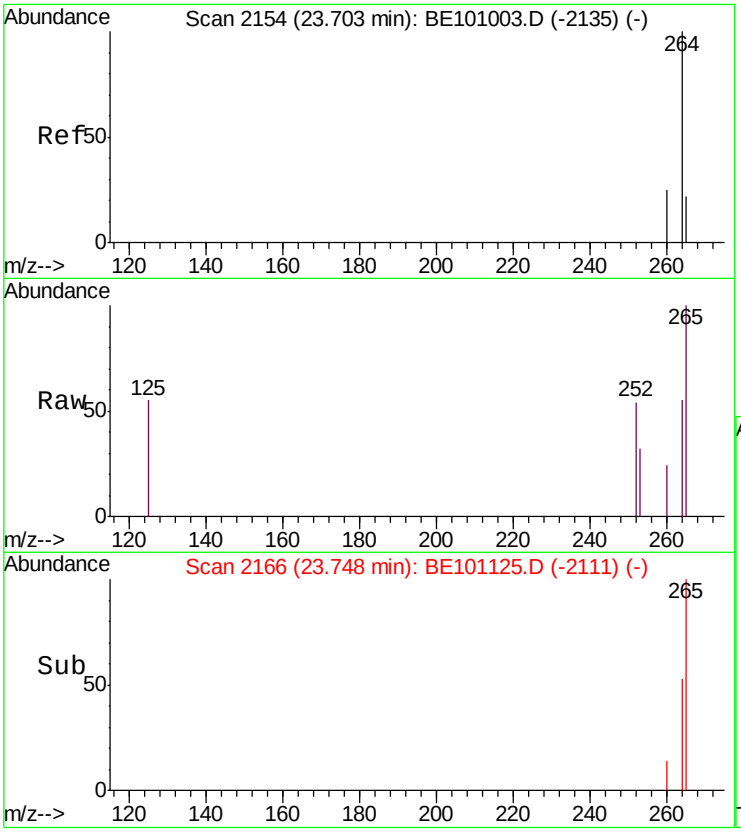


#33
Indeno(1,2,3-cd)pyrene
Concen: 32.551 ng
RT: 26.36 min Scan# 2895
Delta R.T. 0.11 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:276 Resp: 2908157

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.1	24.1
277	23.5	18.1	27.1



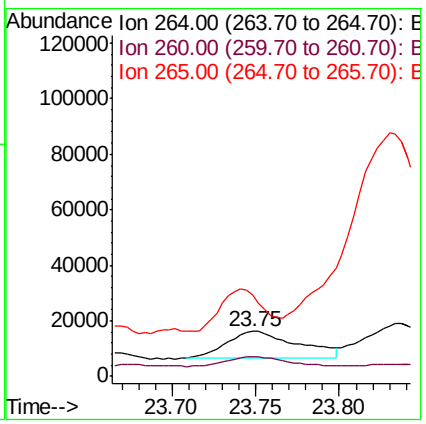


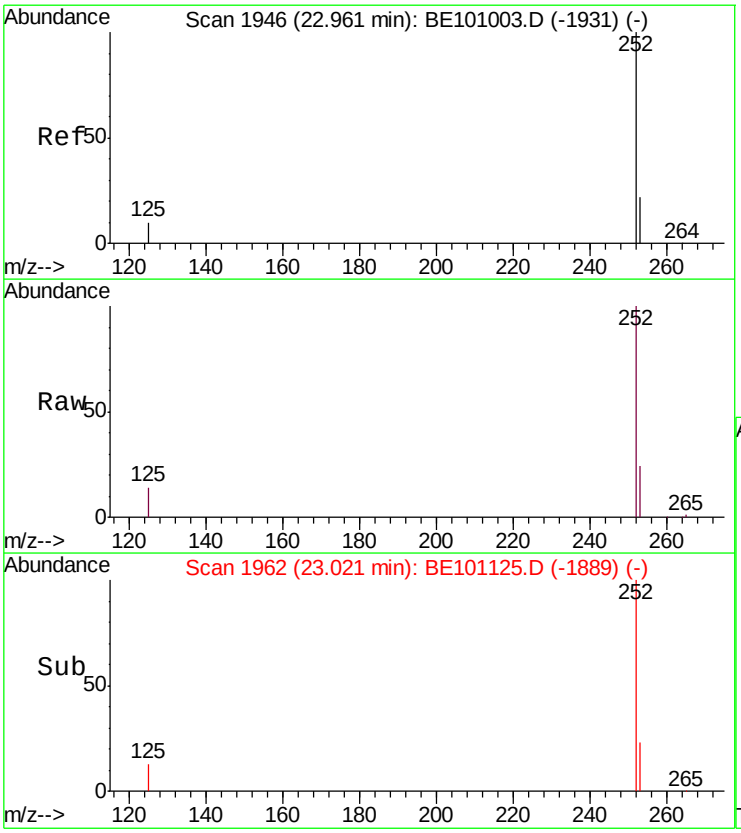
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.05 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:264 Resp: 29305

Ion	Ratio	Lower	Upper
264	100		
260	44.2	20.3	30.5#
265	181.8	27.0	40.4#

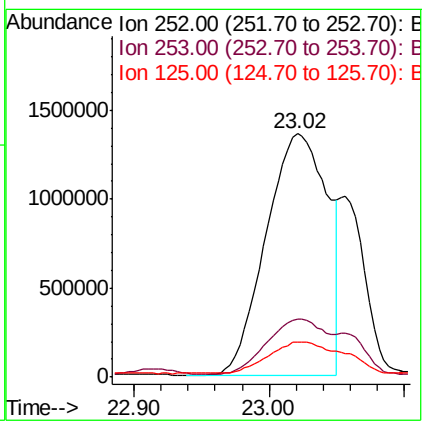


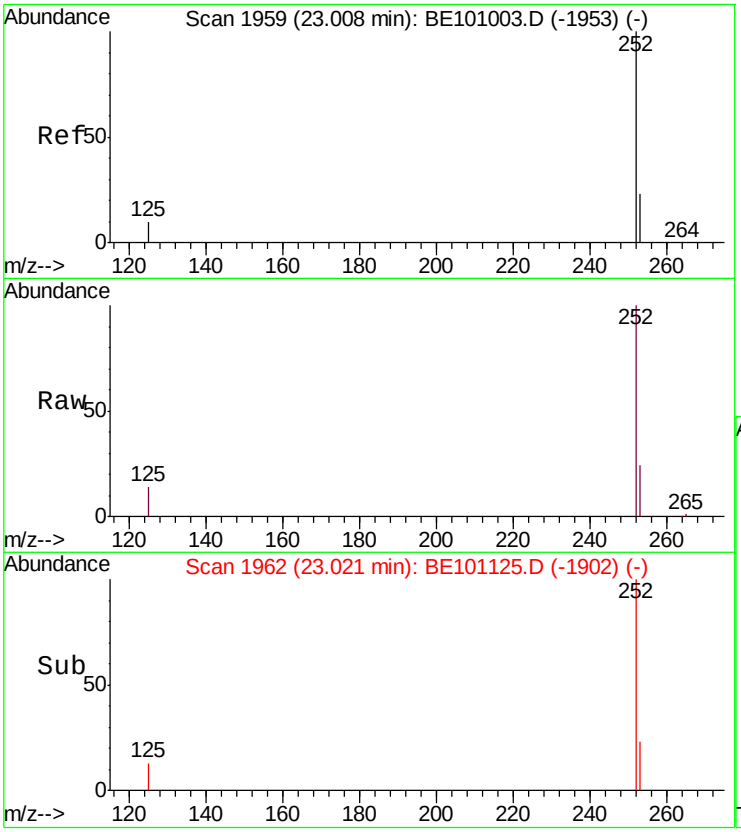


#35
Benzo(b)fluoranthene
Concen: 52.104 ng
RT: 23.02 min Scan# 1962
Delta R.T. 0.06 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:252 Resp: 4282311

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	14.3	9.5	14.3#



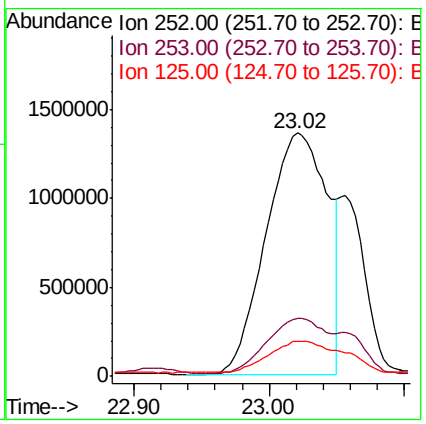


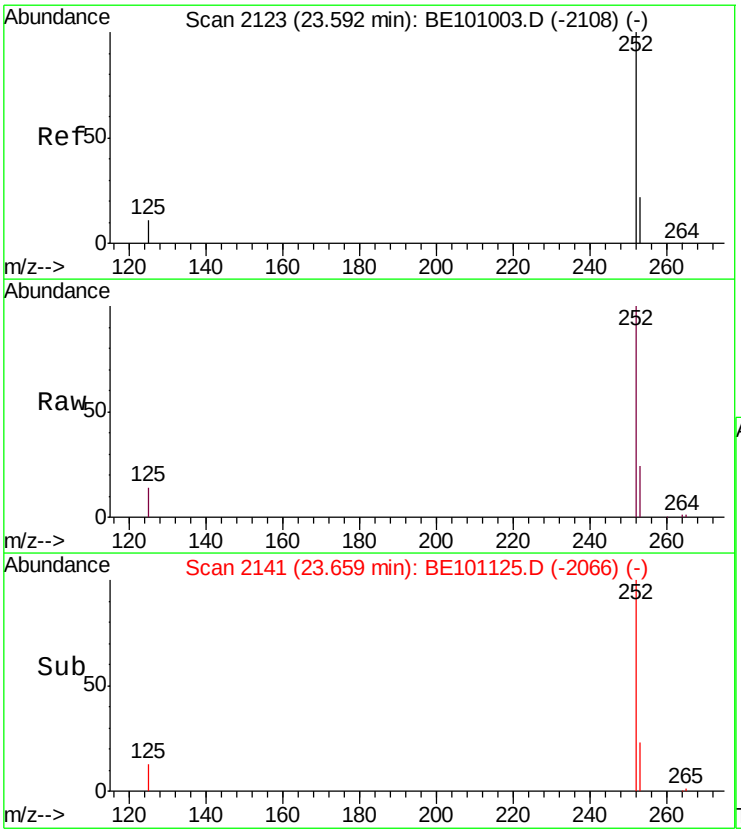
#36
Benzo(k)fluoranthene
Concen: 35.956 ng
RT: 23.02 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:252 Resp: 4282311

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	14.3	10.1	15.1

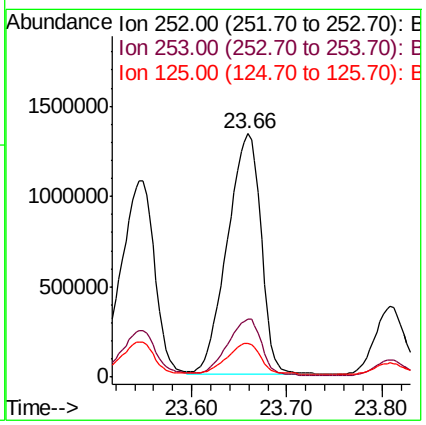


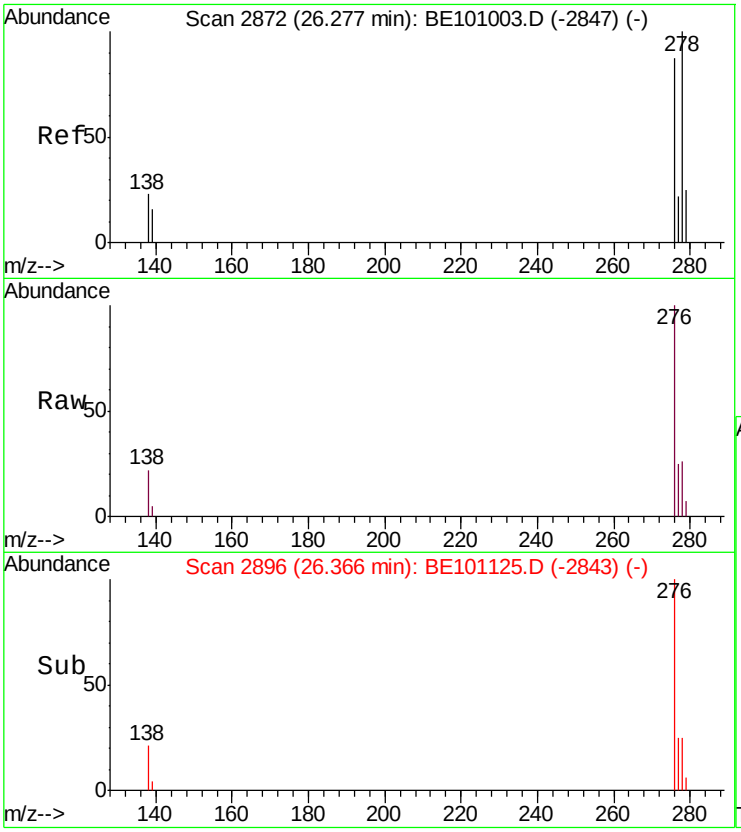


#37
Benzo(a)pyrene
Concen: 41.192 ng
RT: 23.66 min Scan# 2141
Delta R.T. 0.07 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:252 Resp: 3274968

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.2
125	14.0	11.8	17.6



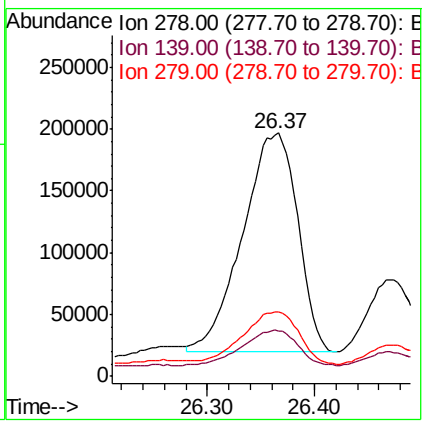


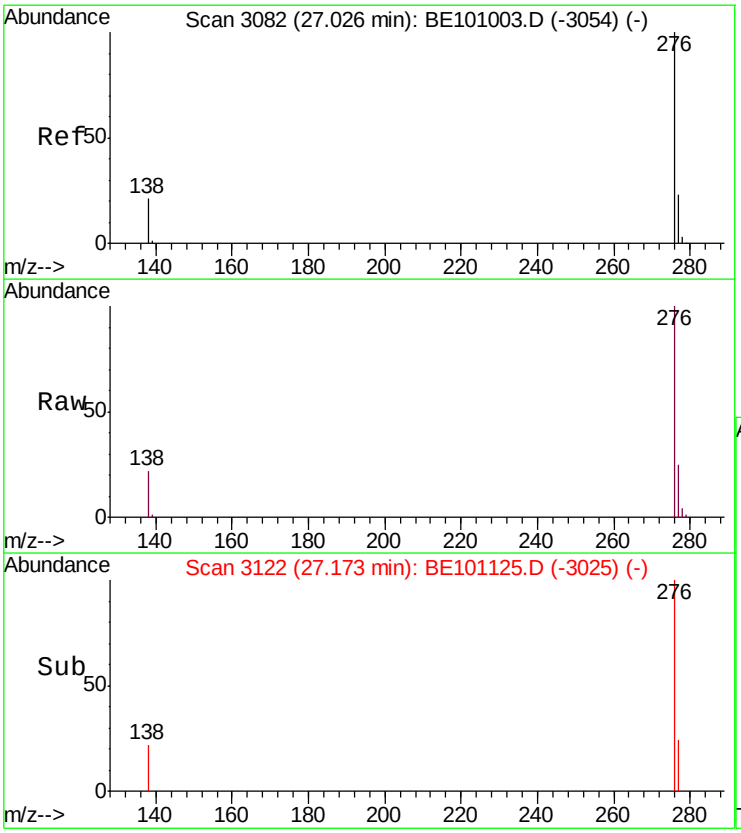
#38
Dibenzo(a,h)anthracene
Concen: 8.635 ng
RT: 26.37 min Scan# 2896
Delta R.T. 0.09 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Instrument :
BNA_E
ClientSampleId :
SB-32-(3-5)

Tgt Ion:278 Resp: 631398

Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.0	22.4
279	26.7	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 37.926 ng
RT: 27.17 min Scan# 3122
Delta R.T. 0.15 min
Lab File: BE101125.D
Acq: 22 Jan 2020 21:36

Tgt Ion:276 Resp: 3410393

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.2
138	22.4	17.9	26.9