Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
Data File : BE097741.D
Acq On : 5 Oct 2018 00:46
Operator : SJ/JU
Sample : J5189-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-131D1-20180927

Quant Time: Oct 05 06:53:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3168	0.40	ng		-0.01
7) Naphthalene-d8	10.69	136	12552	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	6868	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	19791	0.40	ng		0.00
27) Chrysene-d12	21.49	240	27444	0.40	ng		0.00
34) Perylene-d12	24.04	264	26554	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	1546	0.21	ng		0.00
5) Phenol-d6	7.04	99	1186	0.10	ng		0.00
8) Nitrobenzene-d5	9.04	82	2901	0.71	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	7635	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.04	330	643	0.52	ng		0.00
15) 2-Fluorobiphenyl	13.17	172	19518	0.65	ng		-0.02
25) Fluoranthene-d10	19.33	212	111661	0.45	ng		0.00
29) Terphenyl-d14	19.93	244	26477	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	43123	6.831	ng		97
9) Naphthalene	10.74	128	6270	0.050	ng	#	96
10) Hexachlorobutadiene	11.04	225	162	0.024	ng		97
12) 2-Methylnaphthalene	12.37	142	985	0.049	ng	#	93
18) Fluorene	15.60	166	601	0.023	ng	#	96
21) Hexachlorobenzene	16.60	284	278	0.024	ng	#	83
22) Pentachlorophenol	16.94	266	45	0.025	ng	#	62
23) Phenanthrene	17.34	178	1335	0.026	ng	#	91
26) Fluoranthene	19.36	202	2104	0.032	ng	#	96
28) Pyrene	19.72	202	2373	0.034	ng		98
30) Benzo(a)anthracene	21.46	228	2707	0.037	ng	#	91
31) Chrysene	21.52	228	3437	0.042	ng		99
32) Bis(2-ethylhexyl)phthalate	21.41	149	5020	0.093	ng		99
35) Benzo(b)fluoranthene	23.26	252	2001	0.027	ng	#	76
36) Benzo(k)fluoranthene	23.31	252	1845	0.023	ng	#	69
37) Benzo(a)pyrene	23.92	252	1600	0.024	ng	#	63

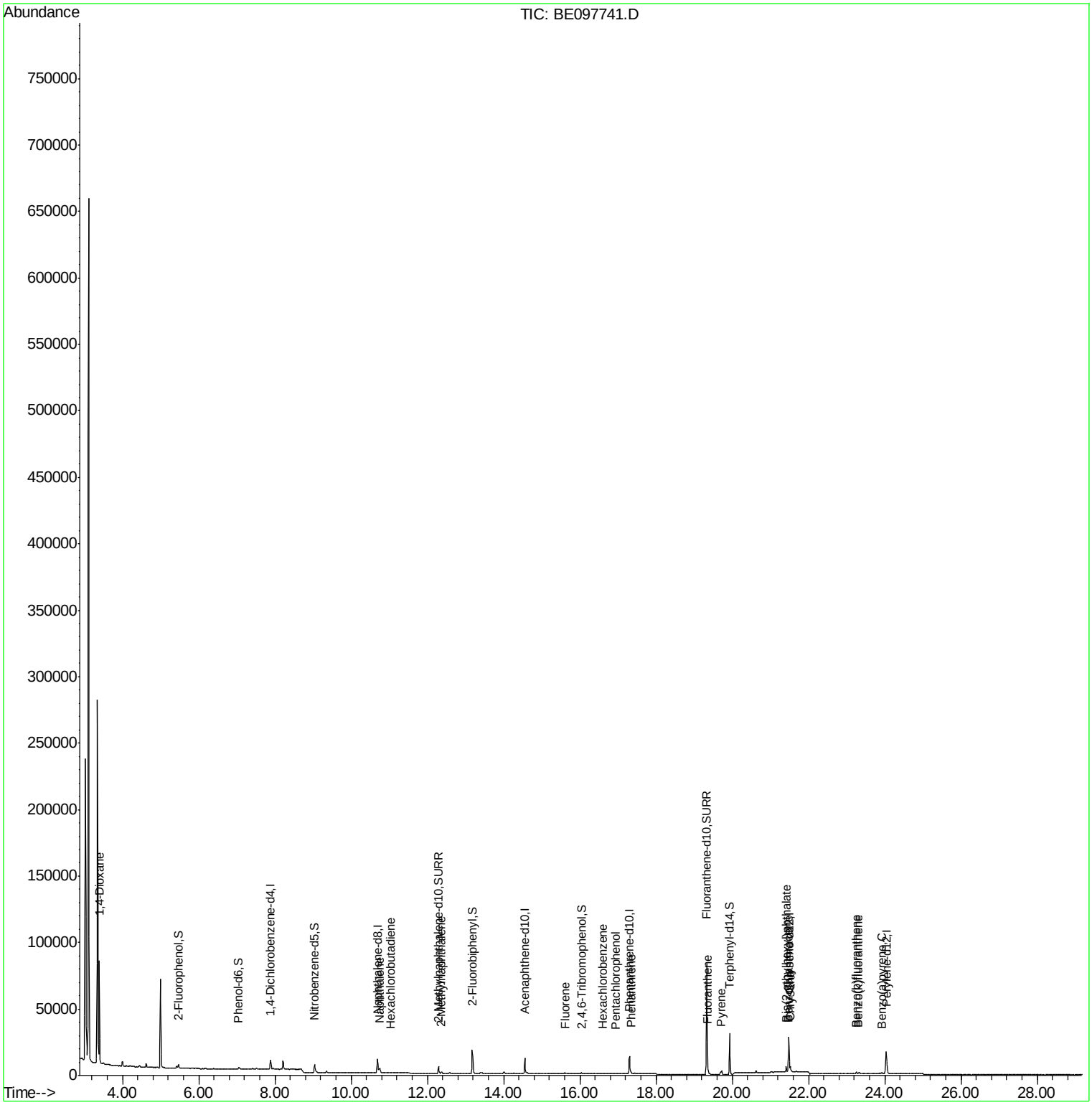
(#) = qualifier out of range (m) = manual integration (+) = signals summed

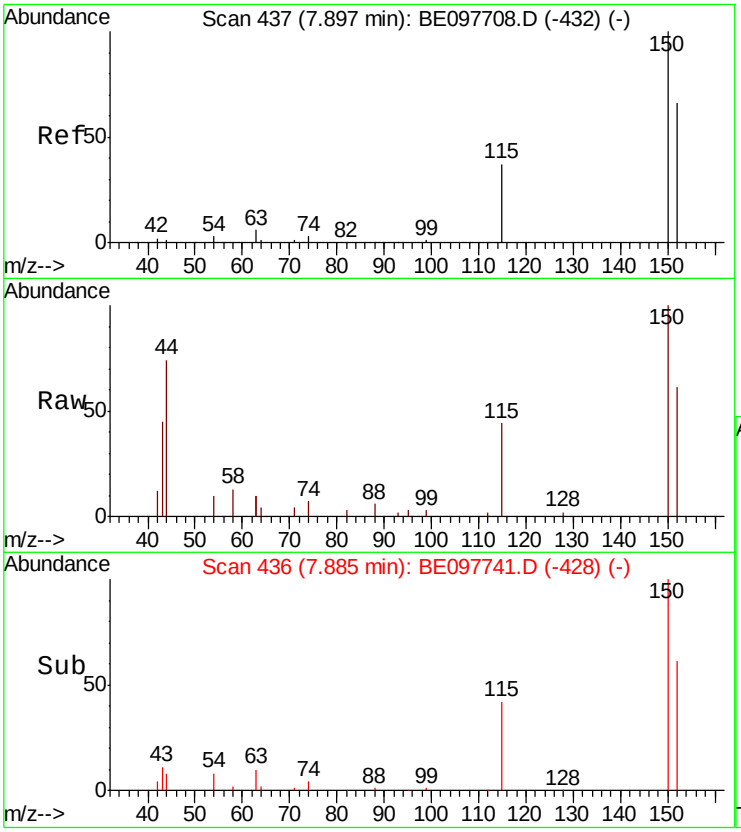
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
Data File : BE097741.D
Acq On : 5 Oct 2018 00:46
Operator : SJ/JU
Sample : J5189-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Quant Time: Oct 05 06:53:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration



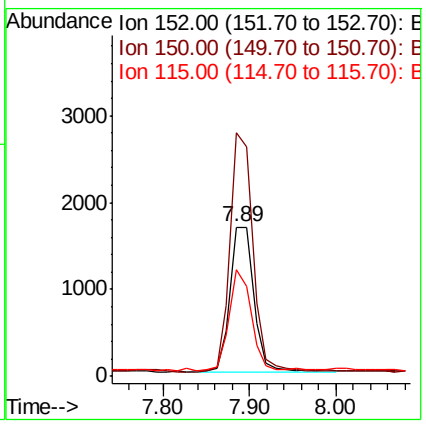


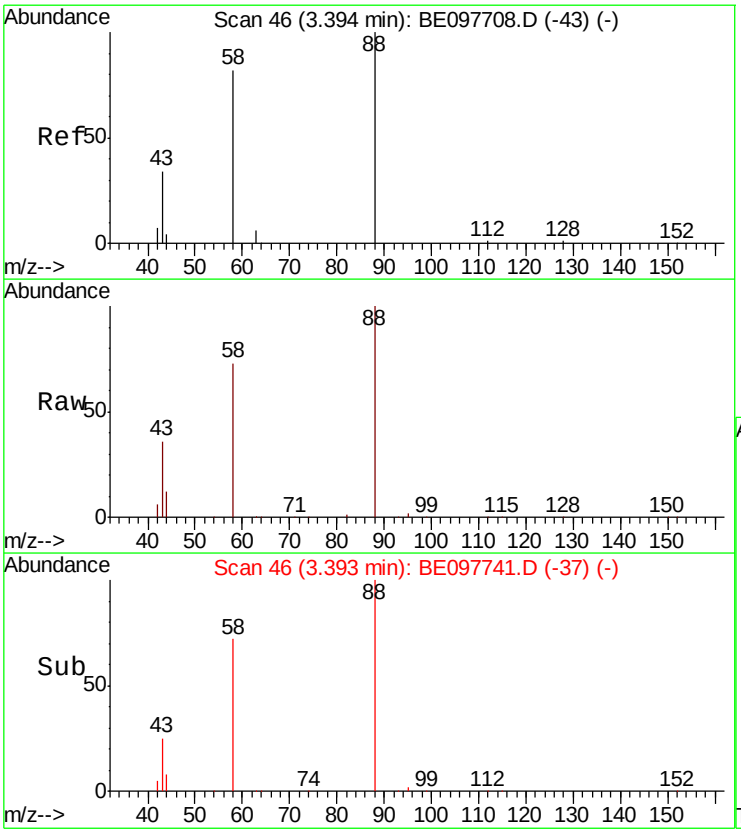
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:152 Resp: 3168

Ion	Ratio	Lower	Upper
152	100		
150	163.5	120.9	181.3
115	71.5	46.6	69.8#

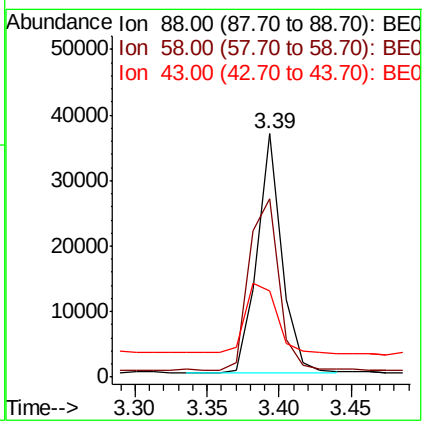


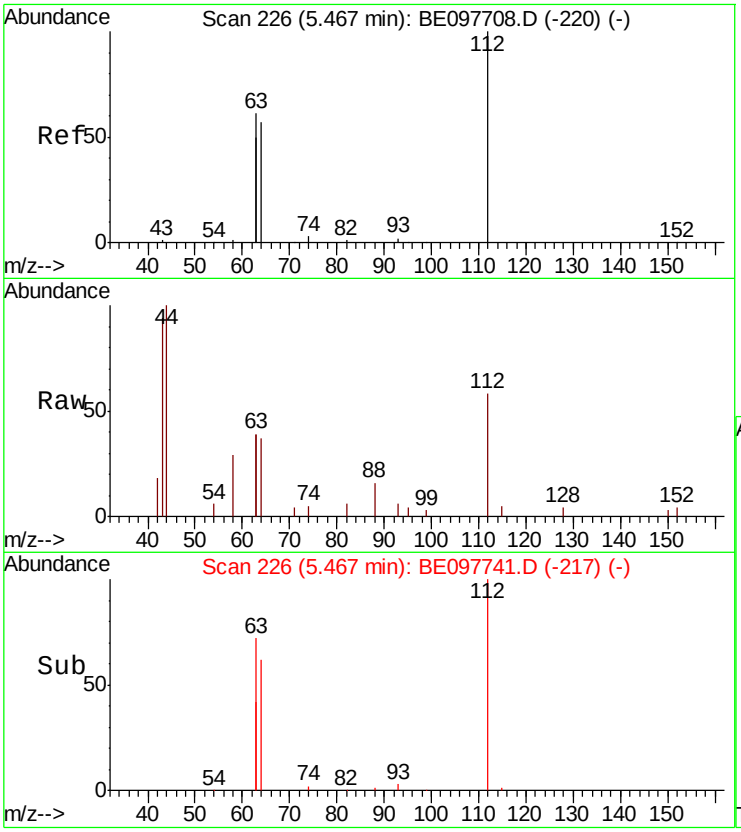


#2
1,4-Dioxane
Concen: 6.831 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion: 88 Resp: 43123

Ion	Ratio	Lower	Upper
88	100		
58	86.6	70.8	106.2
43	38.1	33.3	49.9



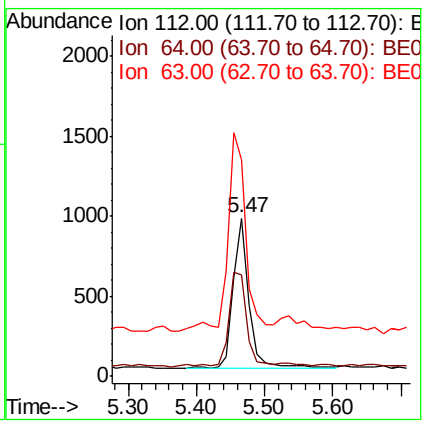


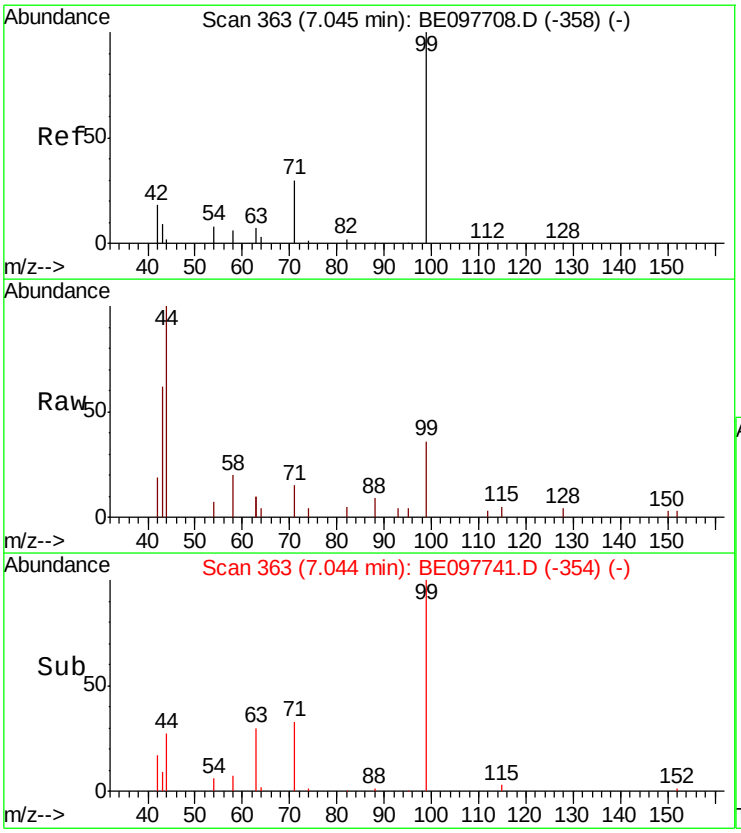
#4
2-Fluorophenol
Concen: 0.206 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:112 Resp: 1546

Ion	Ratio	Lower	Upper
112	100		
64	67.1	56.6	84.8
63	136.9	119.4	179.0

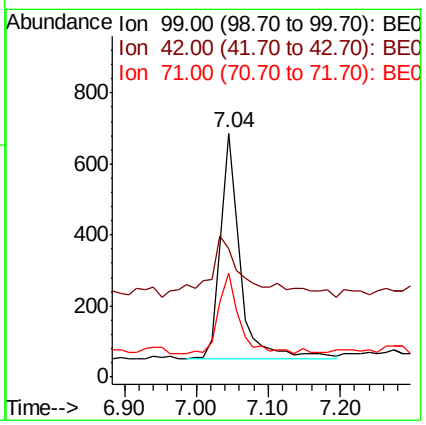


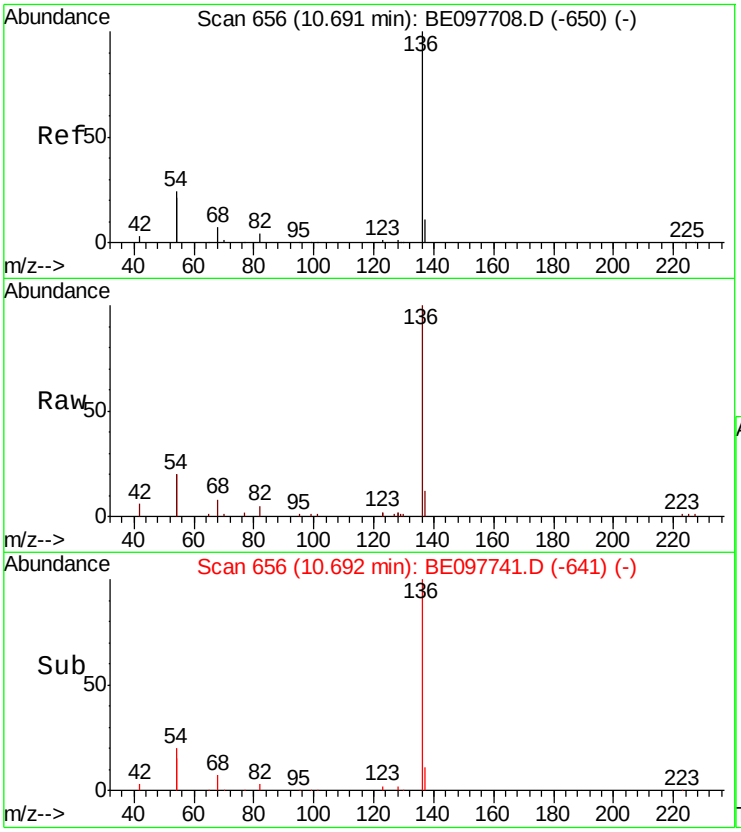


#5
Phenol-d6
Concen: 0.103 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion: 99 Resp: 1186

Ion	Ratio	Lower	Upper
99	100		
42	41.6	19.9	29.9#
71	37.4	25.4	38.2



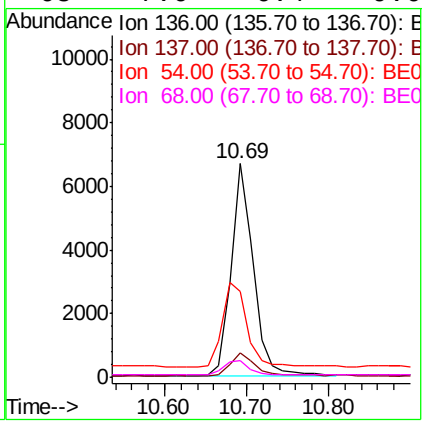


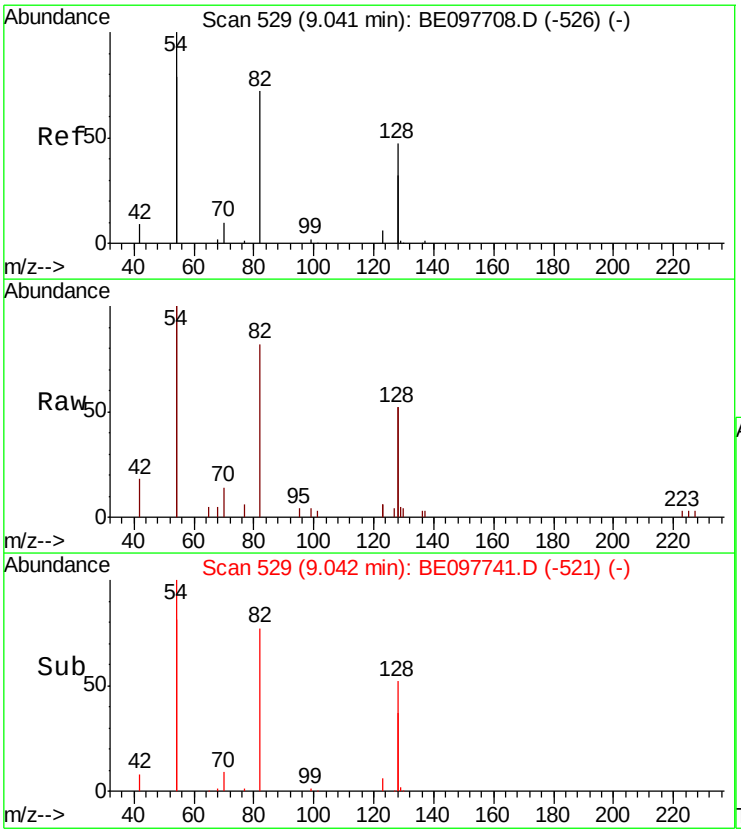
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:136 Resp: 12552

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	40.0	37.8	56.6
68	7.6	6.4	9.6

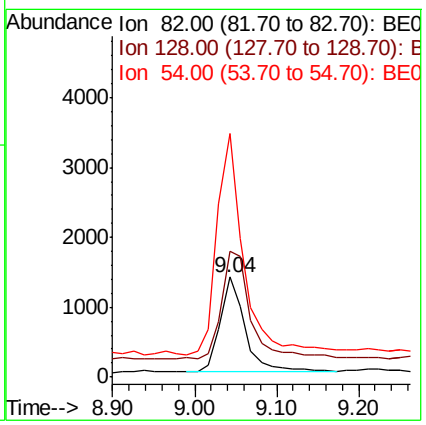


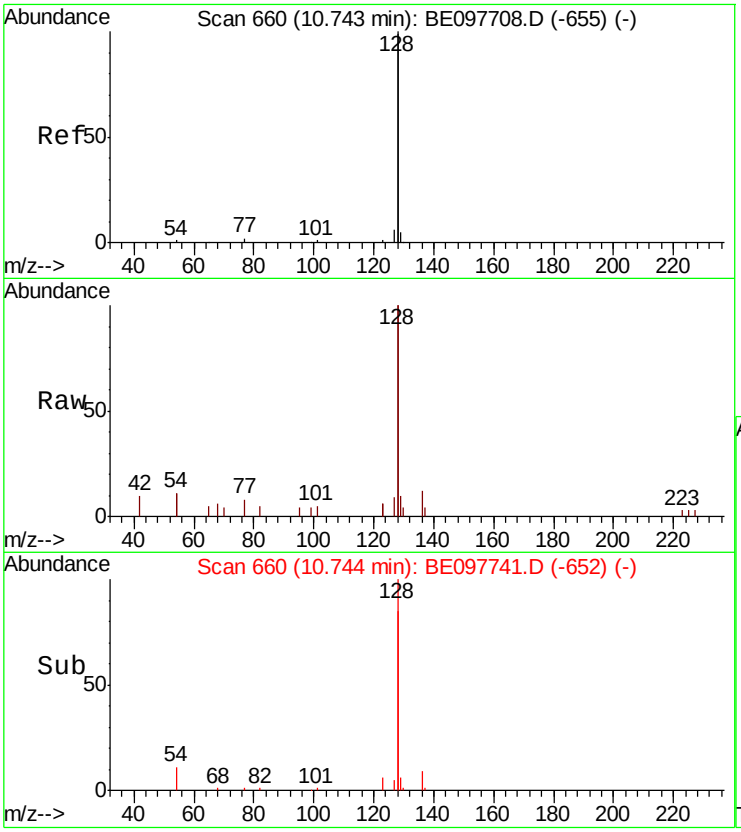


#8
Nitrobenzene-d5
Concen: 0.712 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion: 82 Resp: 2901

Ion	Ratio	Lower	Upper
82	100		
128	126.4	97.0	145.4
54	243.9	206.9	310.3



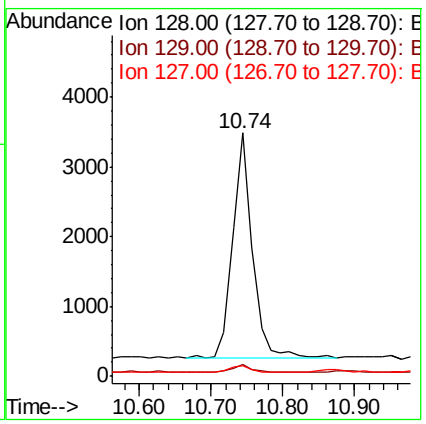


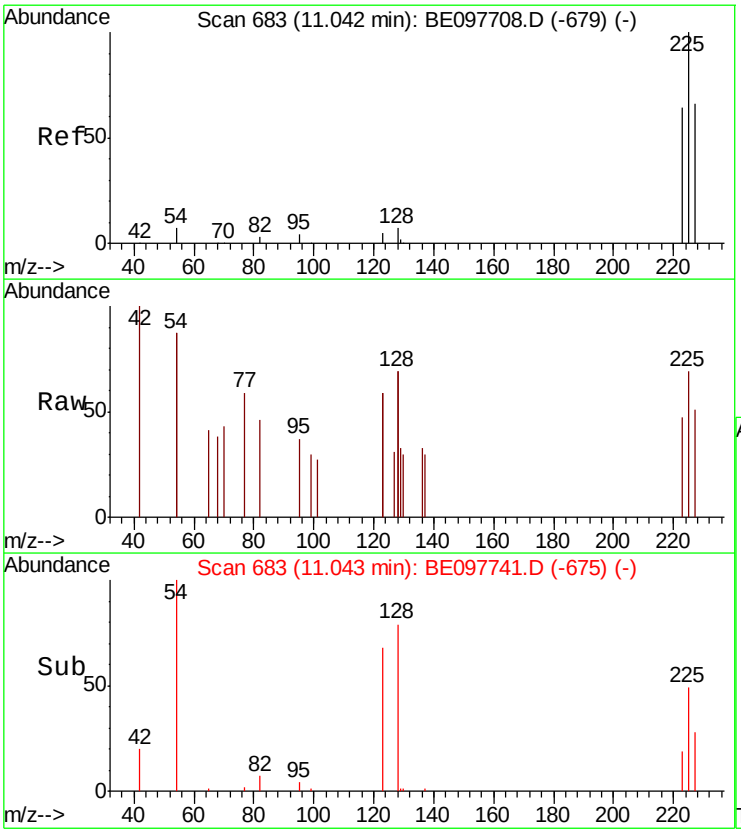
#9
Naphthalene
Concen: 0.050 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:128 Resp: 6270

Ion	Ratio	Lower	Upper
128	100		
129	4.8	2.2	3.2#
127	4.4	2.7	4.1#

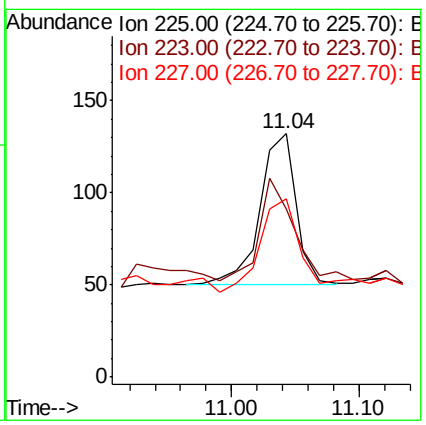


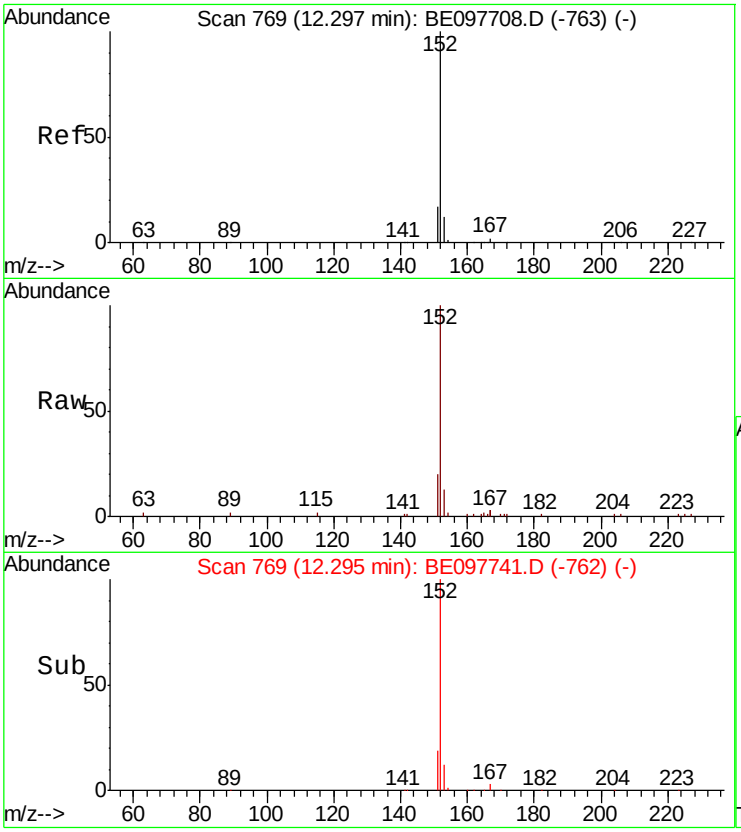


#10
Hexachlorobutadiene
Concen: 0.024 ng
RT: 11.04 min Scan# 683
Delta R.T. 0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:225 Resp: 162

Ion	Ratio	Lower	Upper
225	100		
223	65.4	52.2	78.4
227	69.1	51.2	76.8



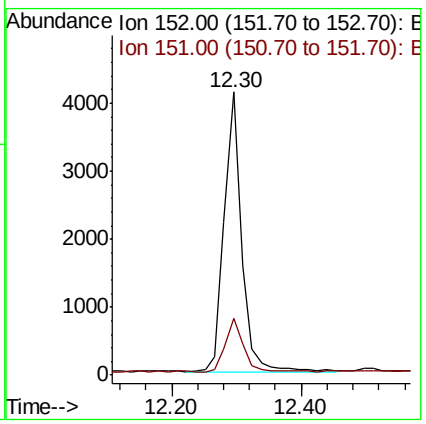


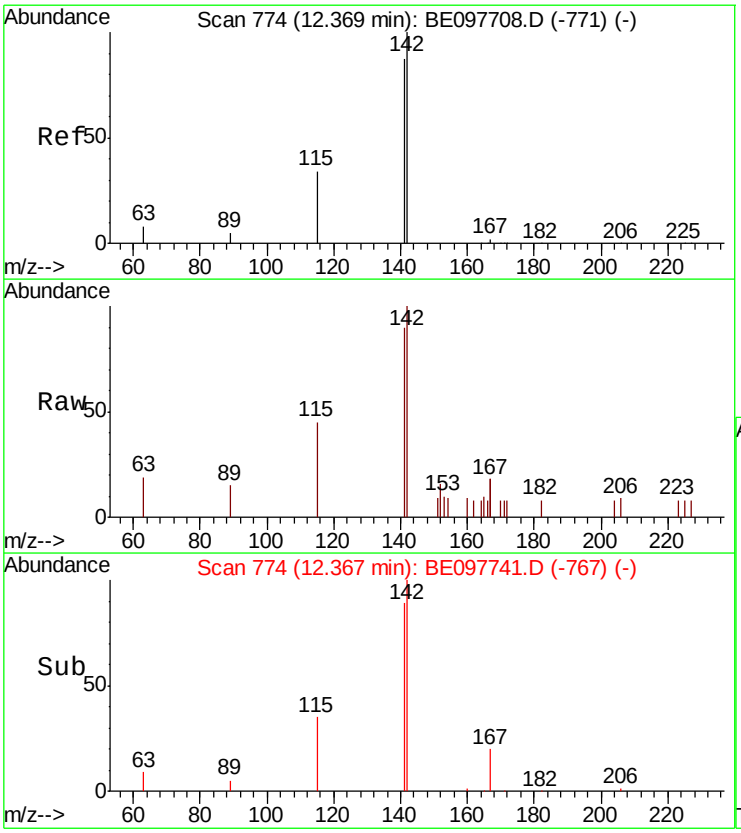
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:152 Resp: 7635

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

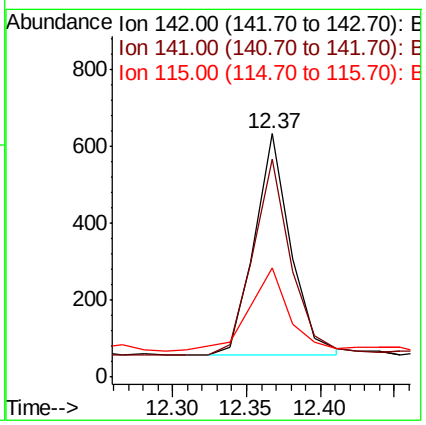


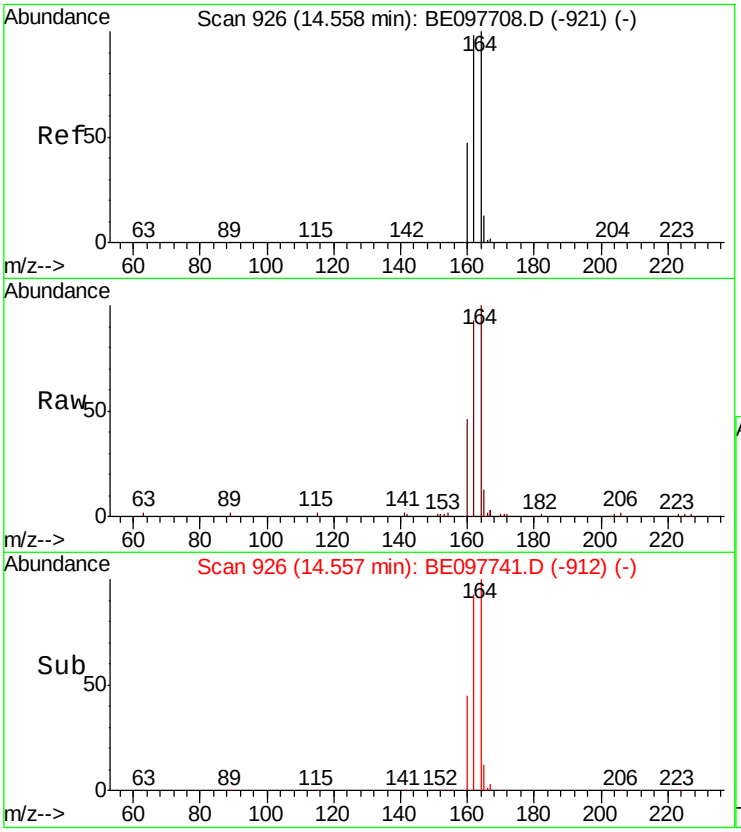


#12
2-Methylnaphthalene
Concen: 0.049 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:142 Resp: 985

Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.4	104.2
115	45.1	28.0	42.0#



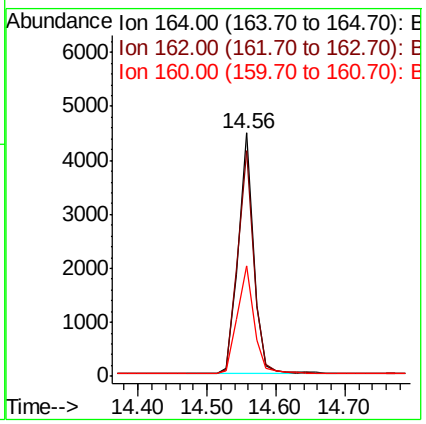


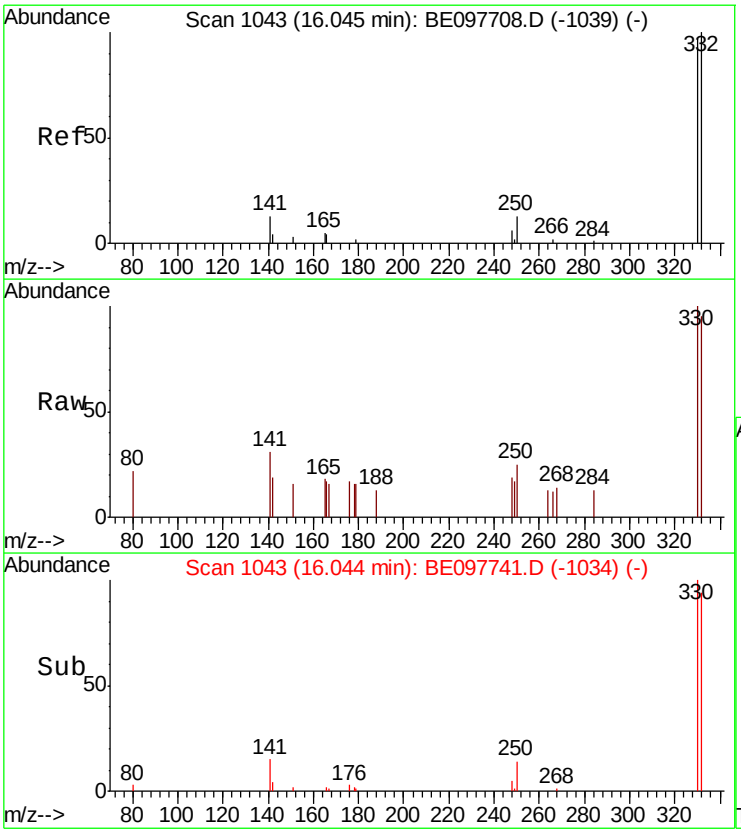
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:164 Resp: 6868

Ion	Ratio	Lower	Upper
164	100		
162	92.9	78.6	117.8
160	45.6	37.8	56.6

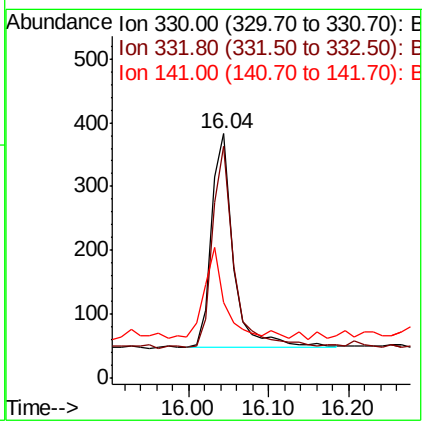


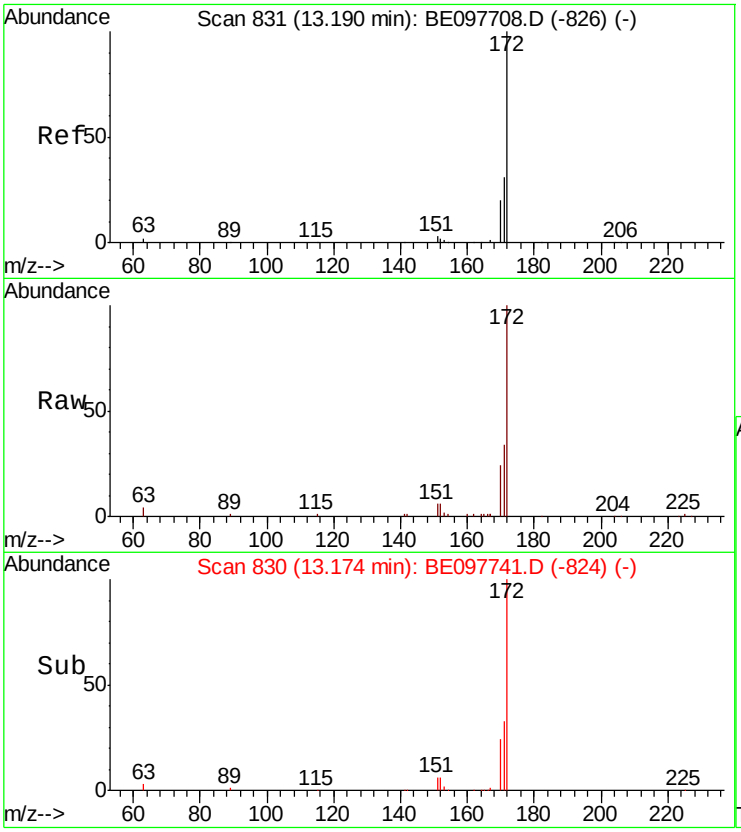


#14
2,4,6-Tribromophenol
Concen: 0.517 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:330 Resp: 643

Ion	Ratio	Lower	Upper
330	100		
332	94.9	83.5	125.3
141	39.0	34.9	52.3



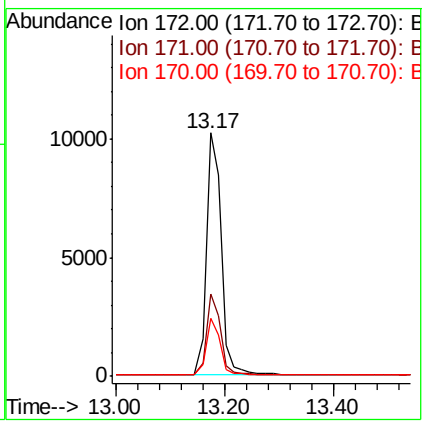


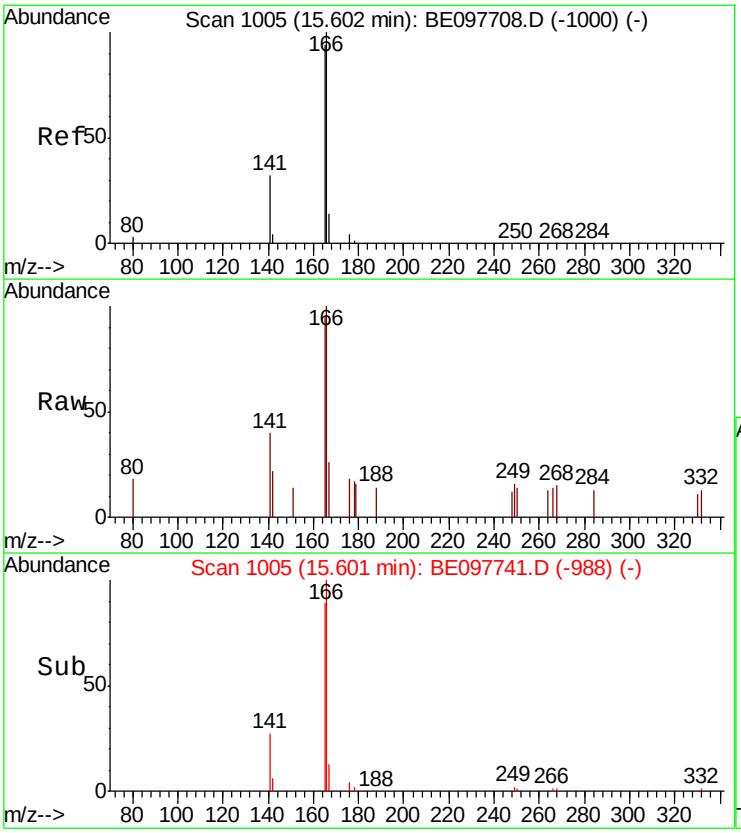
#15
2-Fluorobiphenyl
Concen: 0.645 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:172 Resp: 19518

Ion	Ratio	Lower	Upper
172	100		
171	33.8	25.2	37.8
170	24.0	16.2	24.2

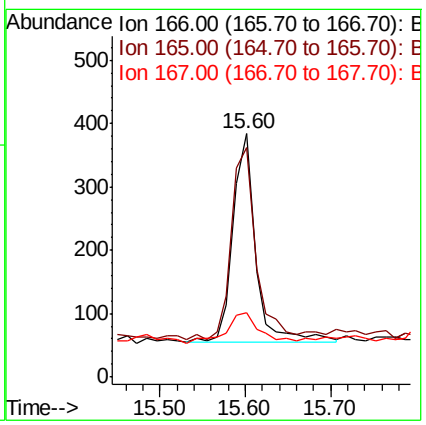


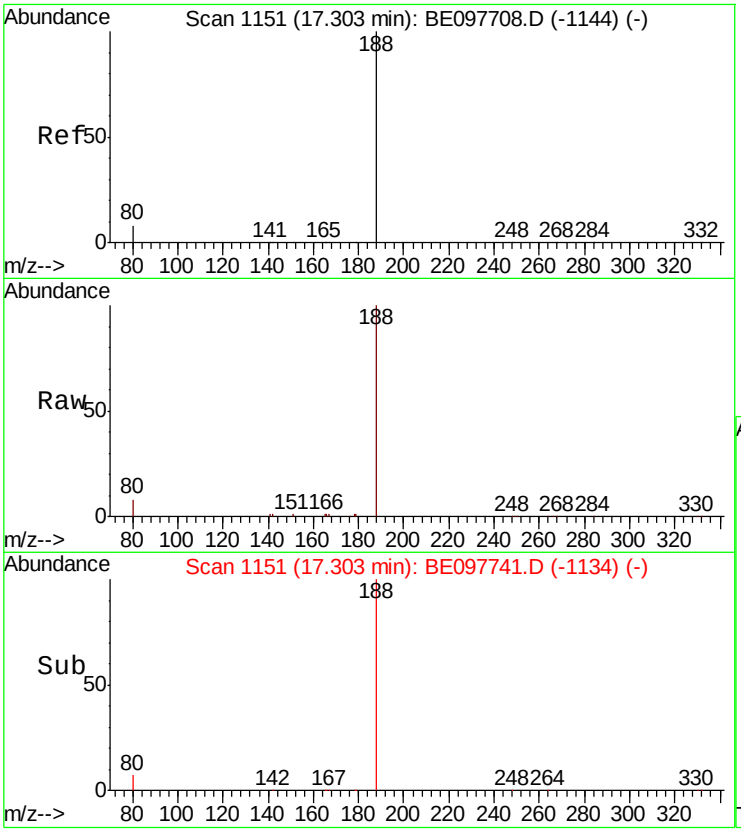


#18
Fluorene
Concen: 0.023 ng
RT: 15.60 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:166 Resp: 601

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.0	118.4
167	23.0	11.1	16.7#



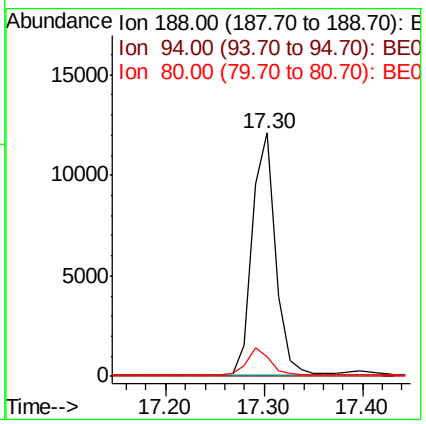


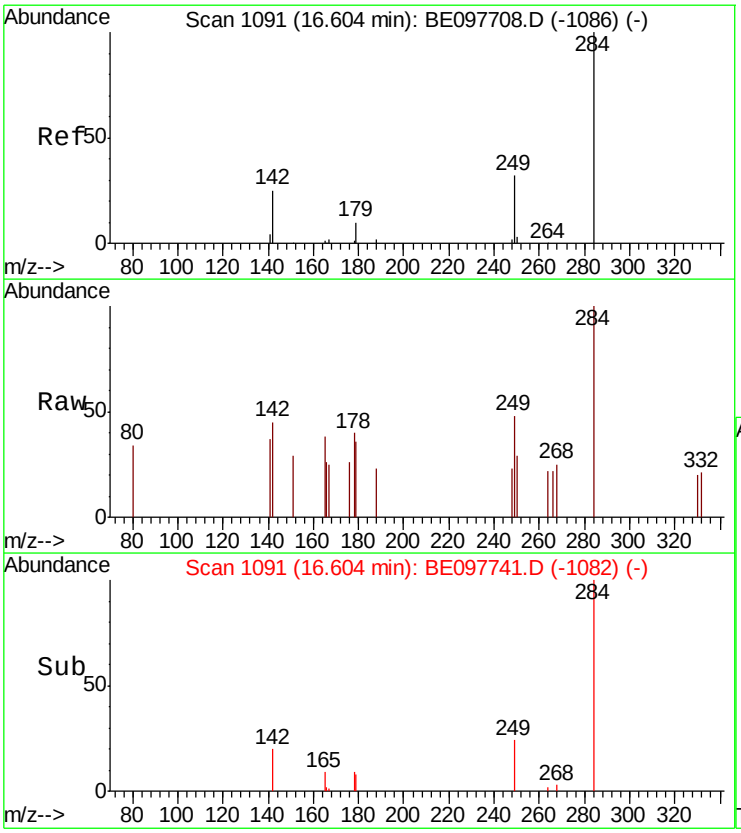
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:188 Resp: 19791

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.6	9.8

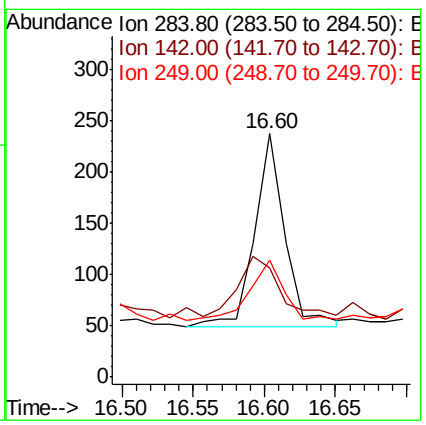


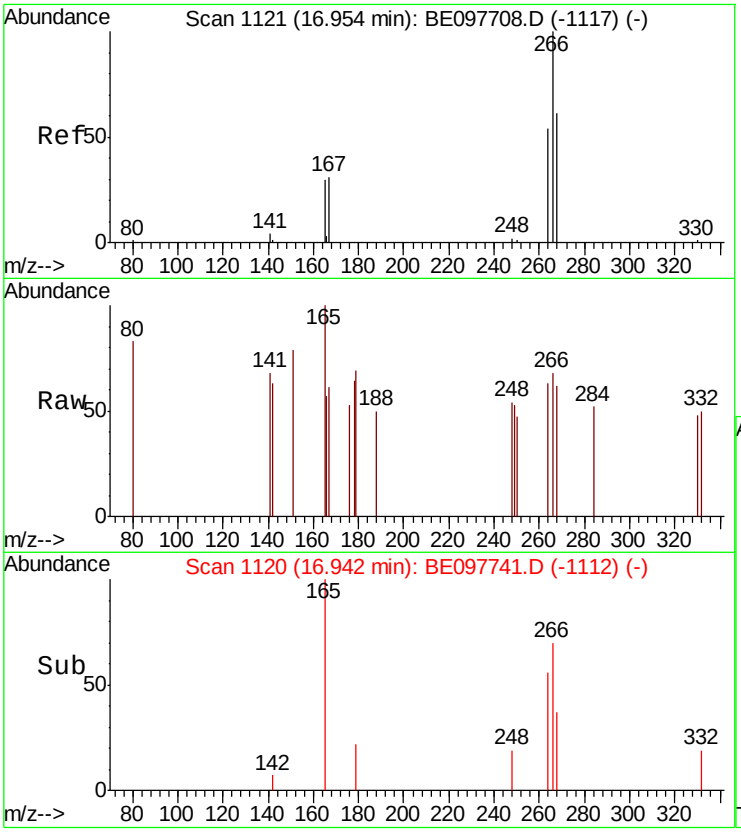


#21
Hexachlorobenzene
Concen: 0.024 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:284 Resp: 278

Ion	Ratio	Lower	Upper
284	100		
142	46.4	24.9	37.3#
249	36.3	25.8	38.8



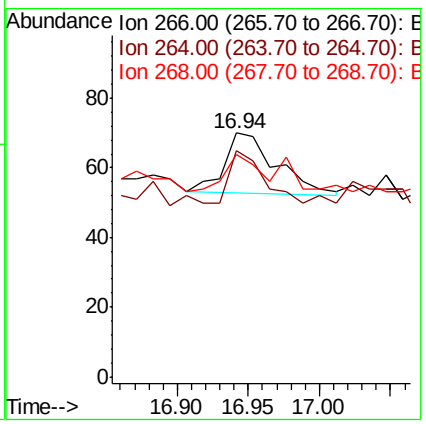


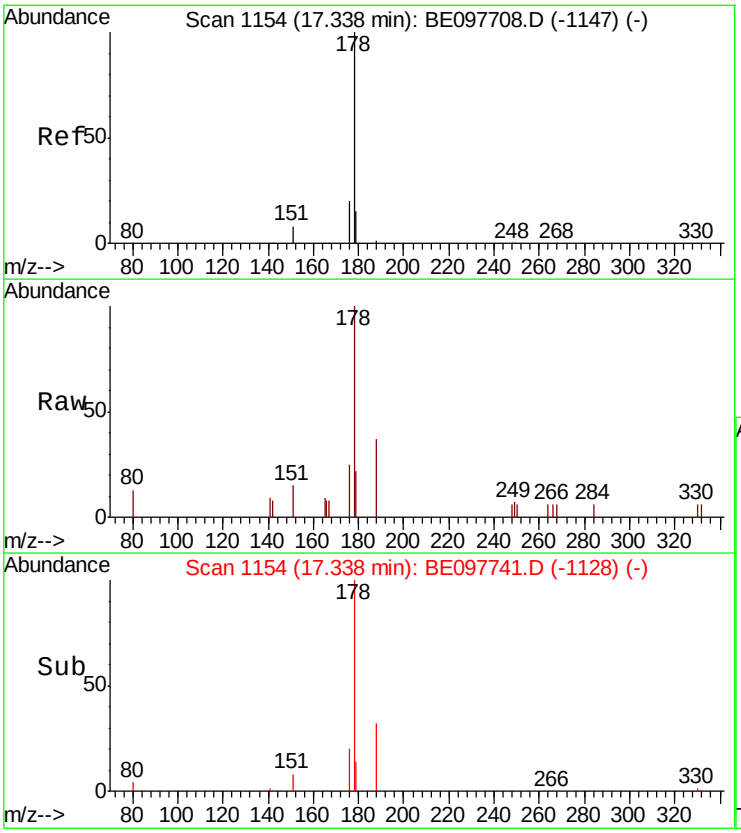
#22
Pentachlorophenol
Concen: 0.025 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:266 Resp: 45

Ion	Ratio	Lower	Upper
266	100		
264	92.9	46.8	70.2#
268	91.4	53.0	79.6#

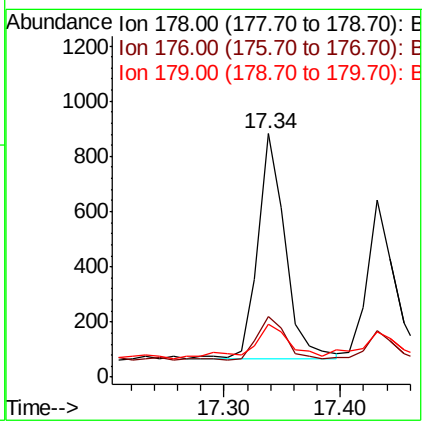


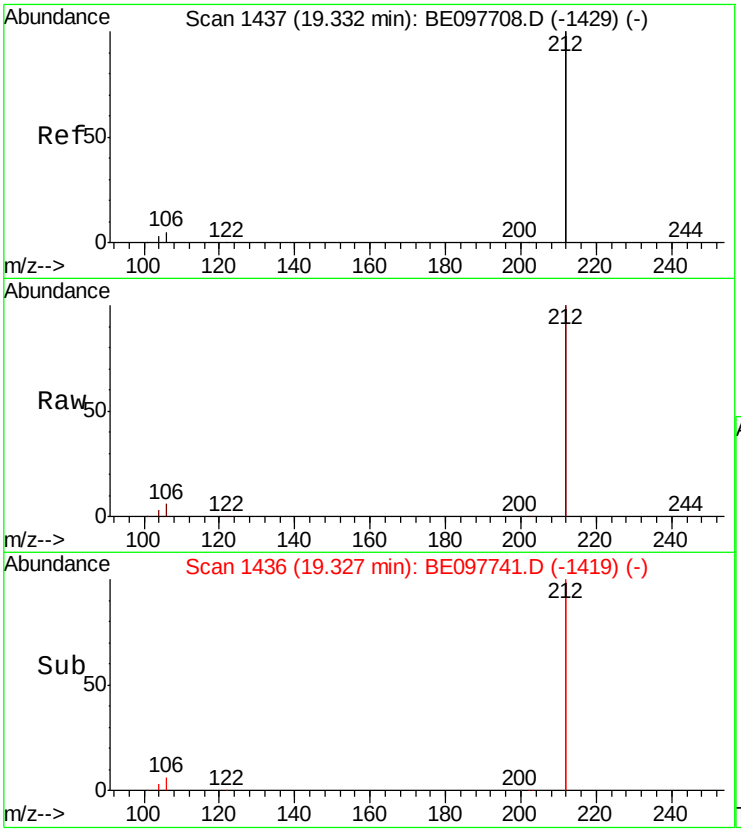


#23
Phenanthrene
Concen: 0.026 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:178 Resp: 1335

Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.4	23.2
179	21.0	12.2	18.4#



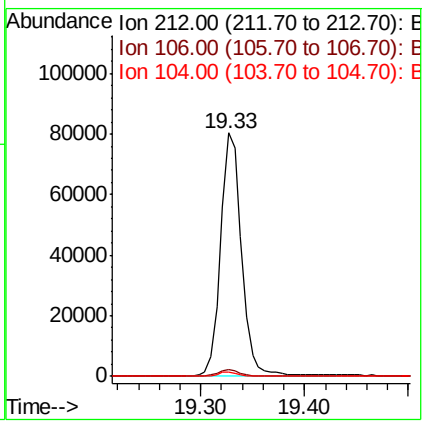


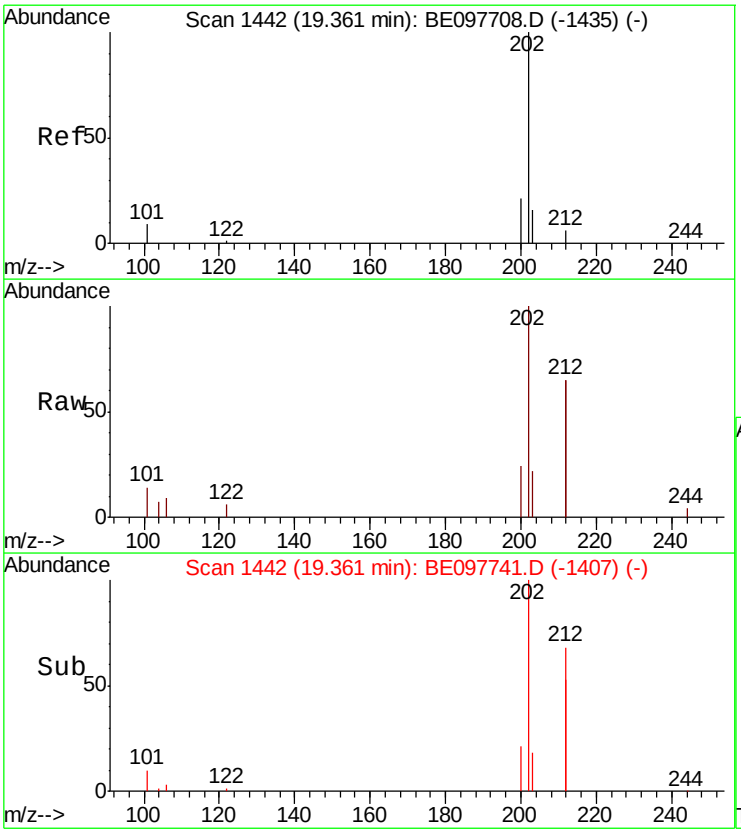
#25
Fluoranthene-d10
Concen: 0.446 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:212 Resp: 111661

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.6	1.2	1.8

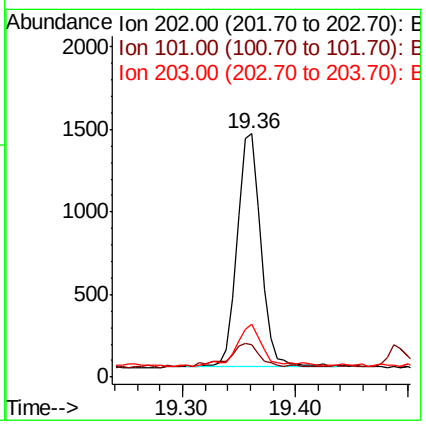


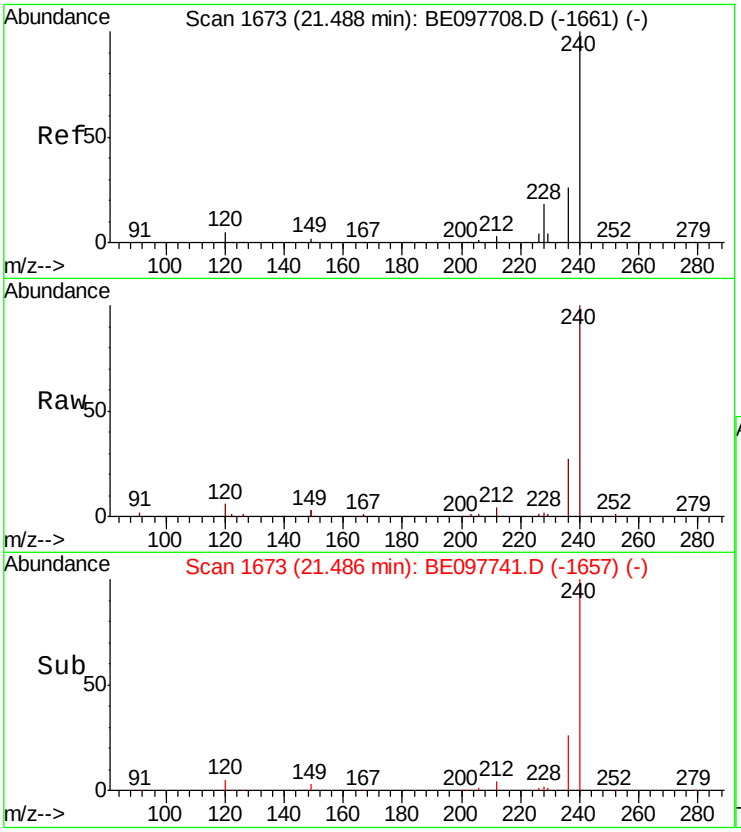


#26
Fluoranthene
Concen: 0.032 ng
RT: 19.36 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:202 Resp: 2104

Ion	Ratio	Lower	Upper
202	100		
101	12.4	7.8	11.8#
203	18.2	13.8	20.6



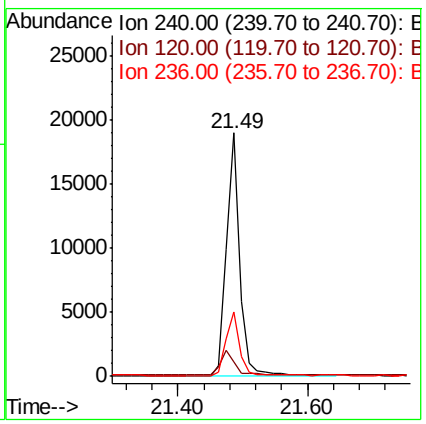


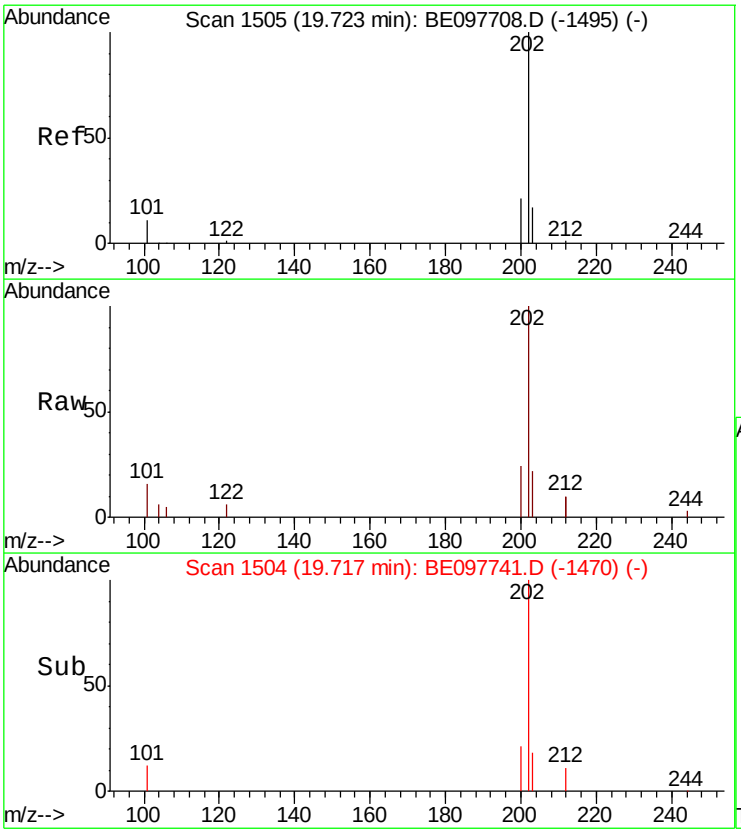
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:240 Resp: 27444

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.7	7.1
236	26.6	20.8	31.2

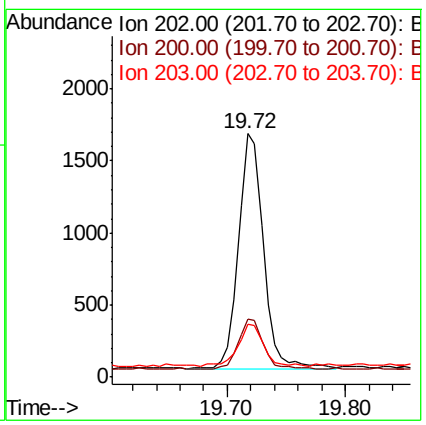


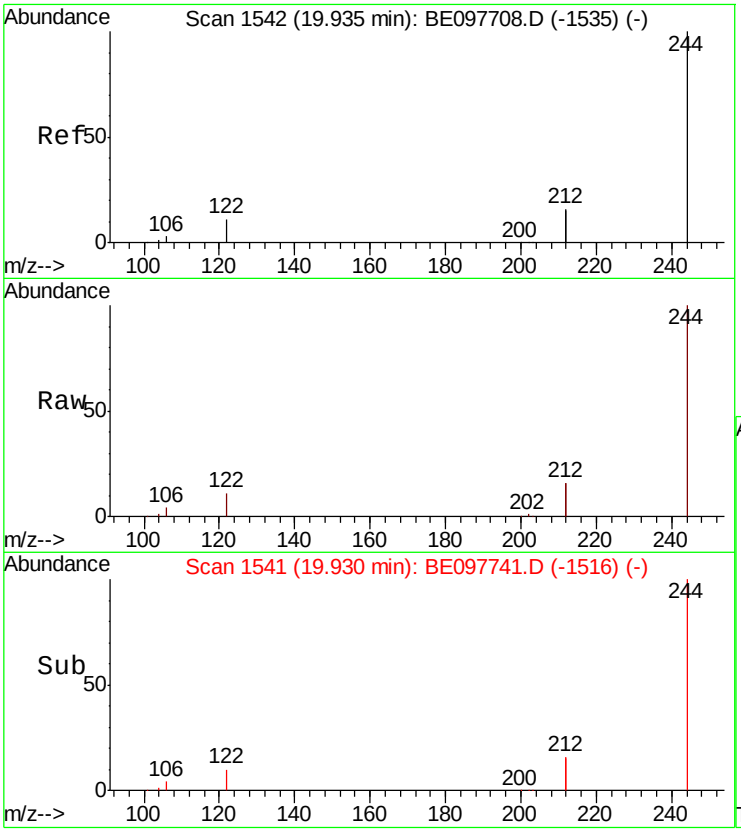


#28
Pyrene
Concen: 0.034 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:202 Resp: 2373

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	18.7	13.9	20.9



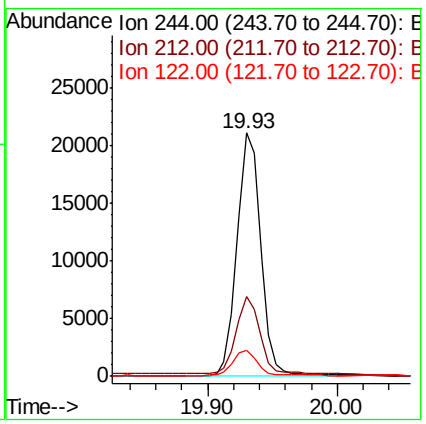


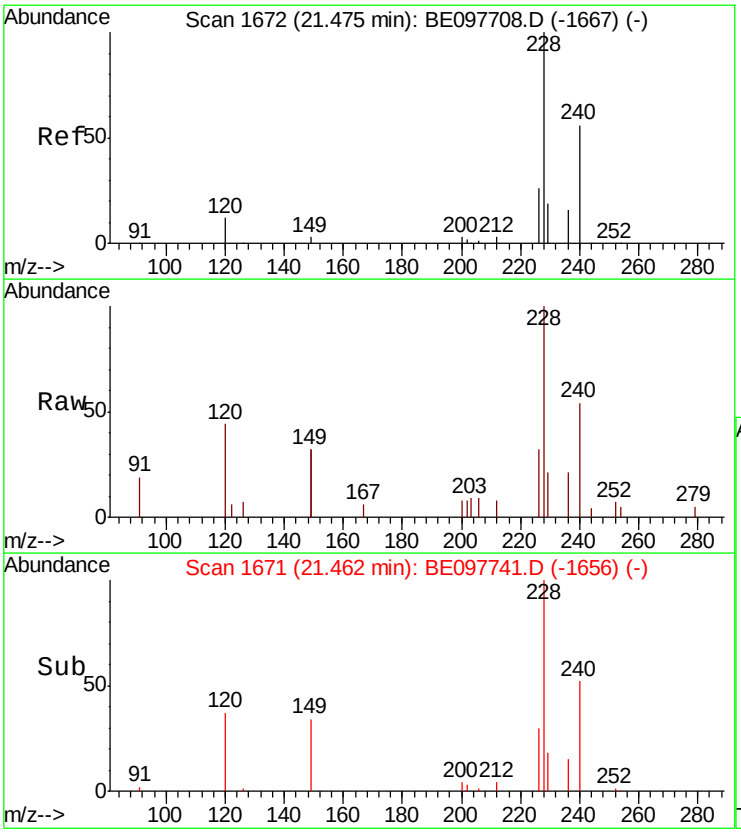
#29
Terphenyl-d14
Concen: 0.473 ng
RT: 19.93 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:244 Resp: 26477

Ion	Ratio	Lower	Upper
244	100		
212	32.6	25.8	38.8
122	10.7	8.7	13.1

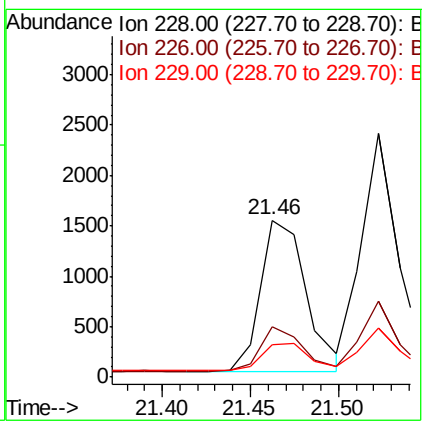


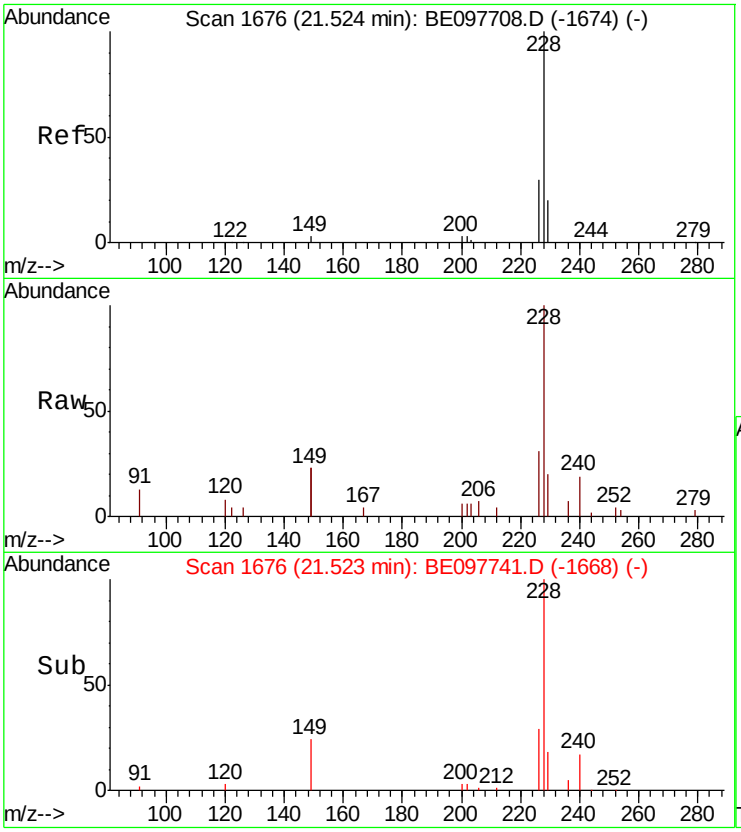


#30
Benzo(a)anthracene
Concen: 0.037 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:228 Resp: 2707

Ion	Ratio	Lower	Upper
228	100		
226	32.4	20.7	31.1#
229	21.0	15.7	23.5



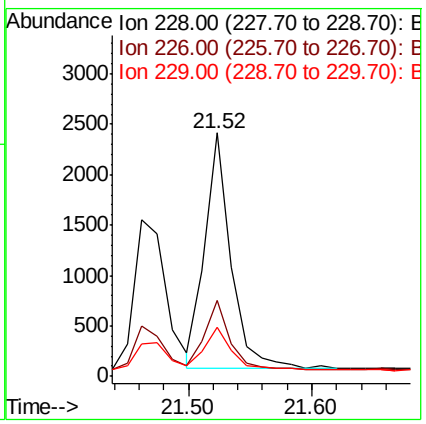


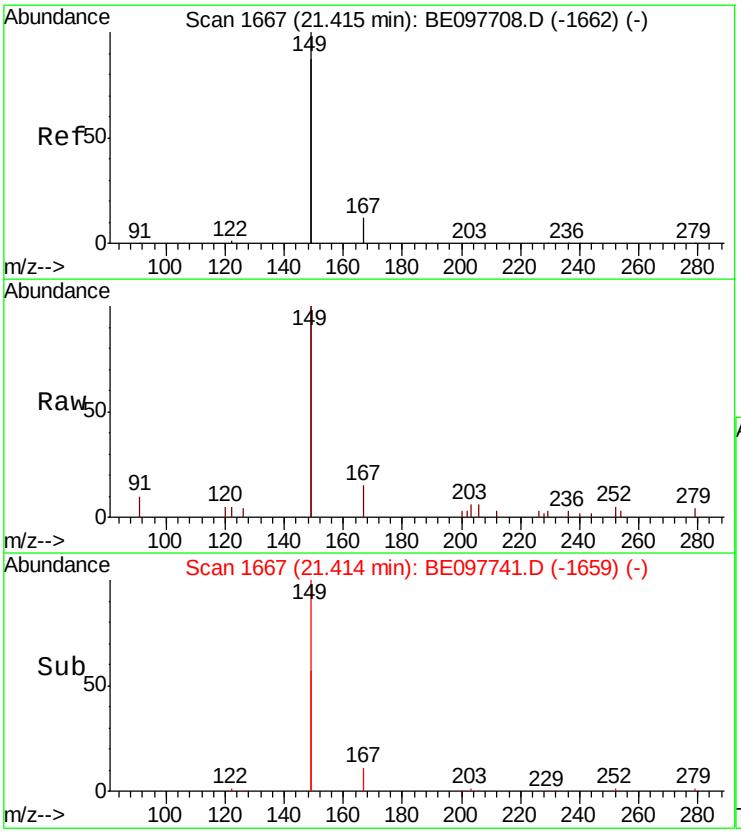
#31
Chrysene
Concen: 0.042 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:228 Resp: 3437

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	20.1	16.0	24.0

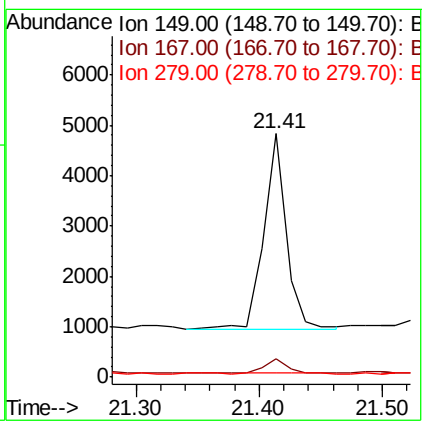


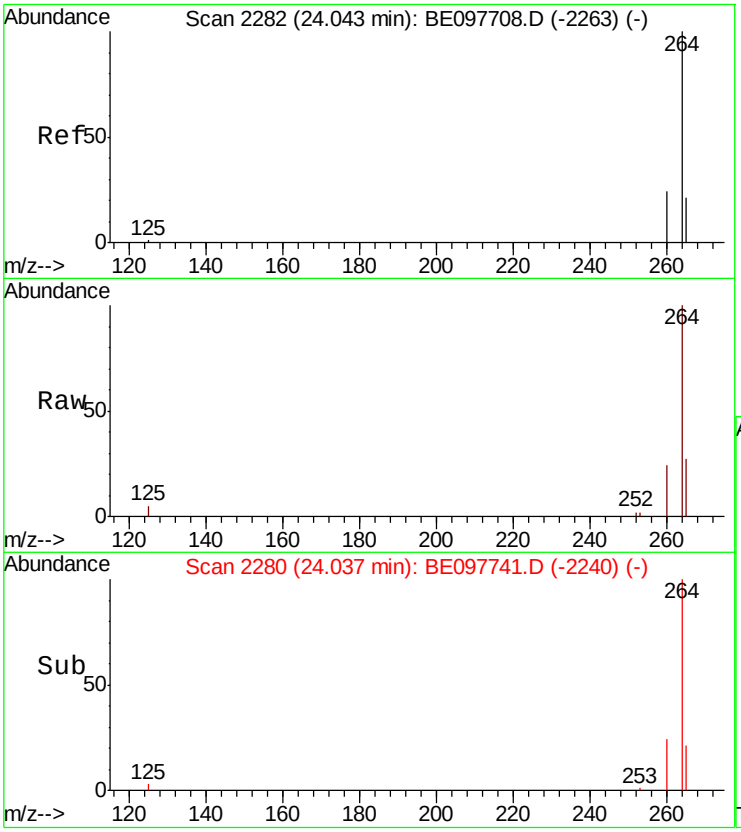


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 21.41 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:149 Resp: 5020

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.5	8.3
279	1.1	0.9	1.3



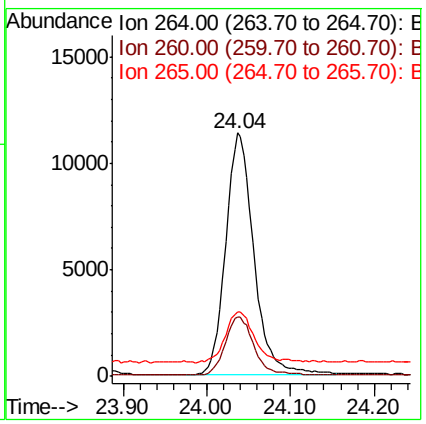


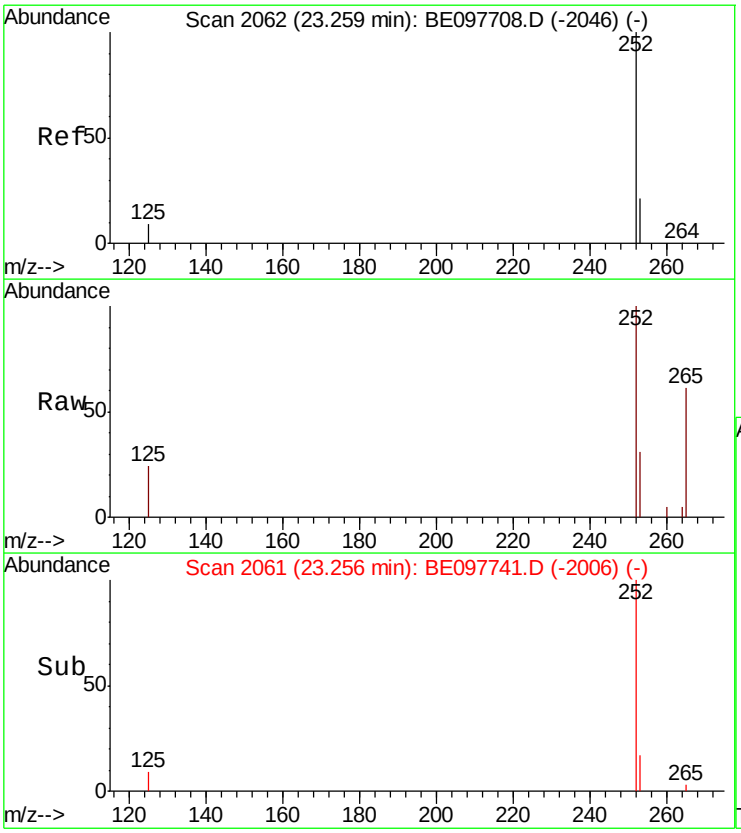
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:264 Resp: 26554

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	26.7	21.9	32.9

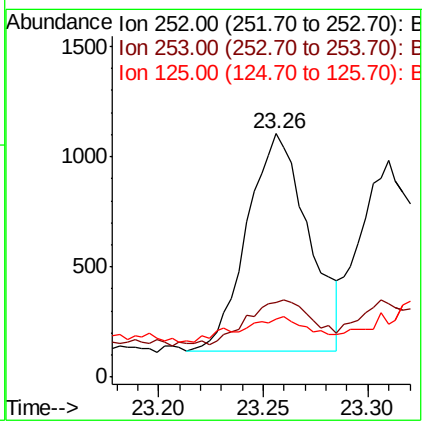


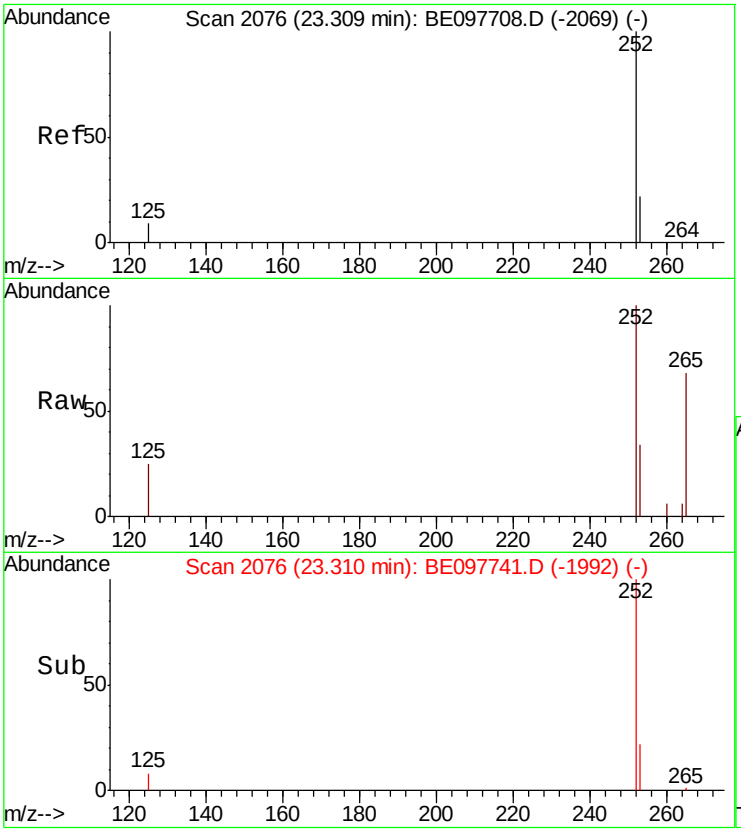


#35
Benzo(b)fluoranthene
Concen: 0.027 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:252 Resp: 2001

Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.5	26.3#
125	23.9	7.8	11.8#



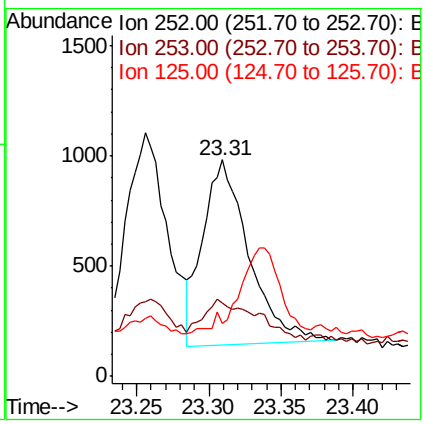


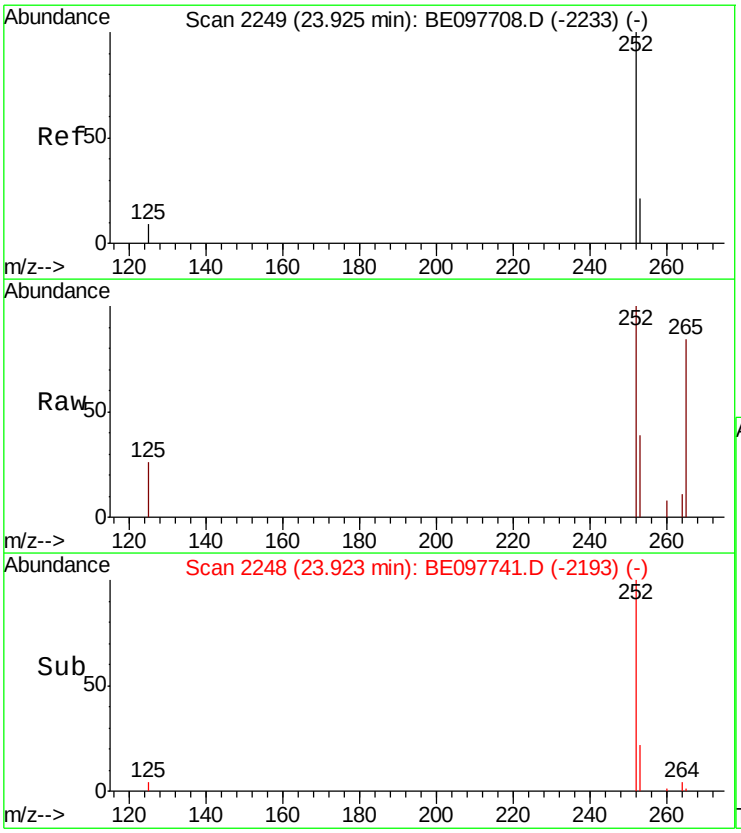
#36
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 23.31 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tgt Ion:252 Resp: 1845

Ion	Ratio	Lower	Upper
252	100		
253	34.1	17.5	26.3#
125	24.7	7.5	11.3#





#37
Benzo(a)pyrene
Concen: 0.024 ng
RT: 23.92 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:252 Resp: 1600

Ion	Ratio	Lower	Upper
252	100		
253	38.8	17.7	26.5#
125	26.4	8.3	12.5#