Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
Data File : BE097731.D
Acq On : 4 Oct 2018 18:36
Operator : SJ/JU
Sample : J5220-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TS-03

Quant Time: Oct 05 06:51:24 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	3552	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	14153	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	8453	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	24725	0.40	ng		0.00
27) Chrysene-d12	21.49	240	31974	0.40	ng		0.00
34) Perylene-d12	24.04	264	31015	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	1266	0.15	ng		0.00
5) Phenol-d6	7.05	99	1193	0.09	ng		0.00
8) Nitrobenzene-d5	9.21	82	272	0.06	ng		0.17
11) 2-Methylnaphthalene-d10	12.30	152	8552	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	742	0.48	ng		-0.01
15) 2-Fluorobiphenyl	13.17	172	18133	0.49	ng		-0.02
25) Fluoranthene-d10	19.33	212	135521	0.43	ng		0.00
29) Terphenyl-d14	19.93	244	27856	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	191	0.027	ng	#	1
3) n-Nitrosodimethylamine	3.70	42	313	0.049	ng	#	20
9) Naphthalene	10.74	128	463877	3.252	ng		99
12) 2-Methylnaphthalene	12.37	142	27578	1.208	ng		98
16) Acenaphthylene	14.27	152	2388	0.064	ng	#	78
17) Acenaphthene	14.61	154	5853	0.244	ng		97
18) Fluorene	15.59	166	12300	0.386	ng		97
23) Phenanthrene	17.34	178	26461	0.415	ng		99
24) Anthracene	17.43	178	1664	0.030	ng	#	91
26) Fluoranthene	19.36	202	6702	0.083	ng	#	95
28) Pyrene	19.72	202	5871	0.072	ng	#	94
32) Bis(2-ethylhexyl)phthalate	21.41	149	15011	0.239	ng	#	99

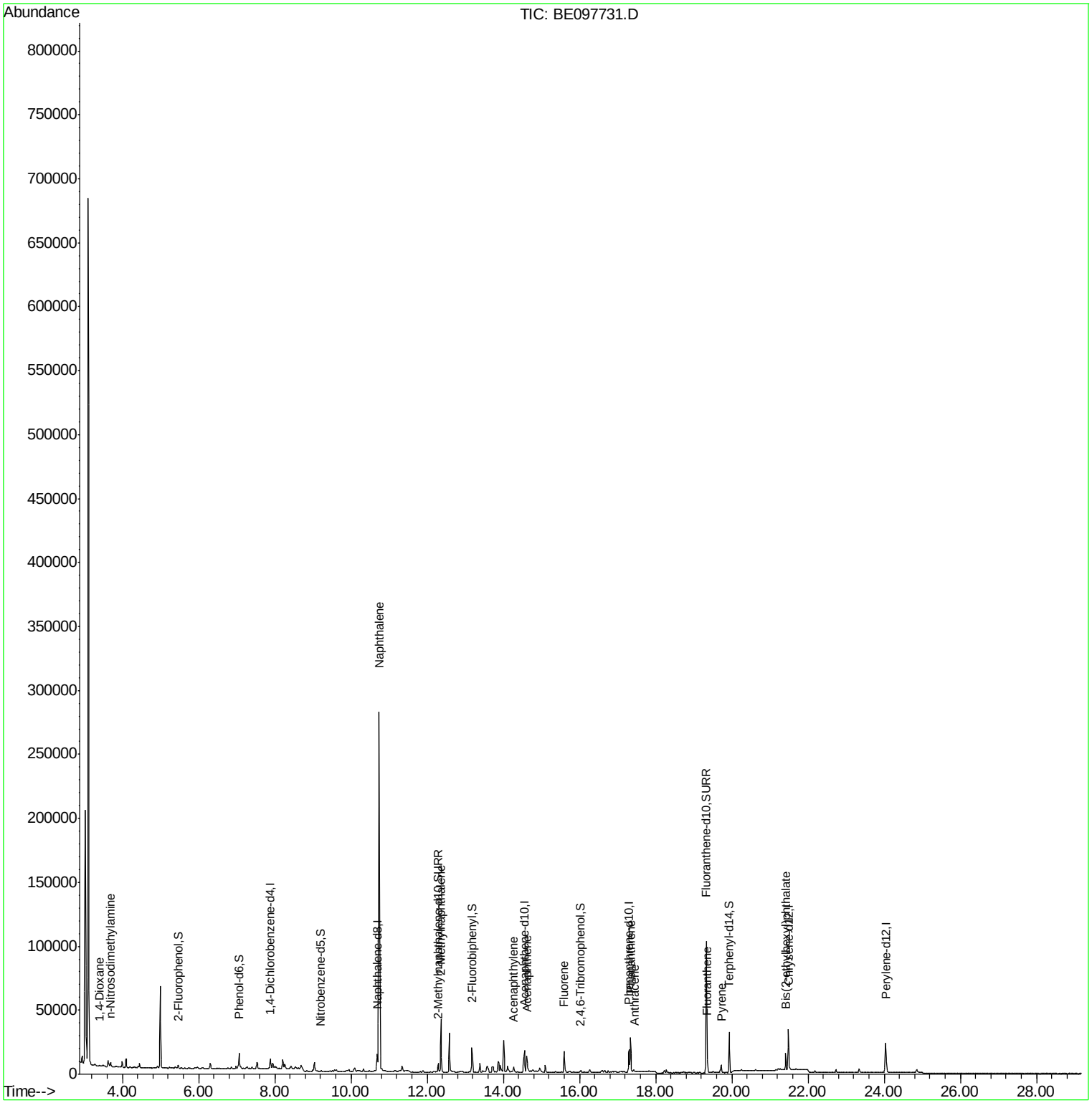
(#) = qualifier out of range (m) = manual integration (+) = signals summed

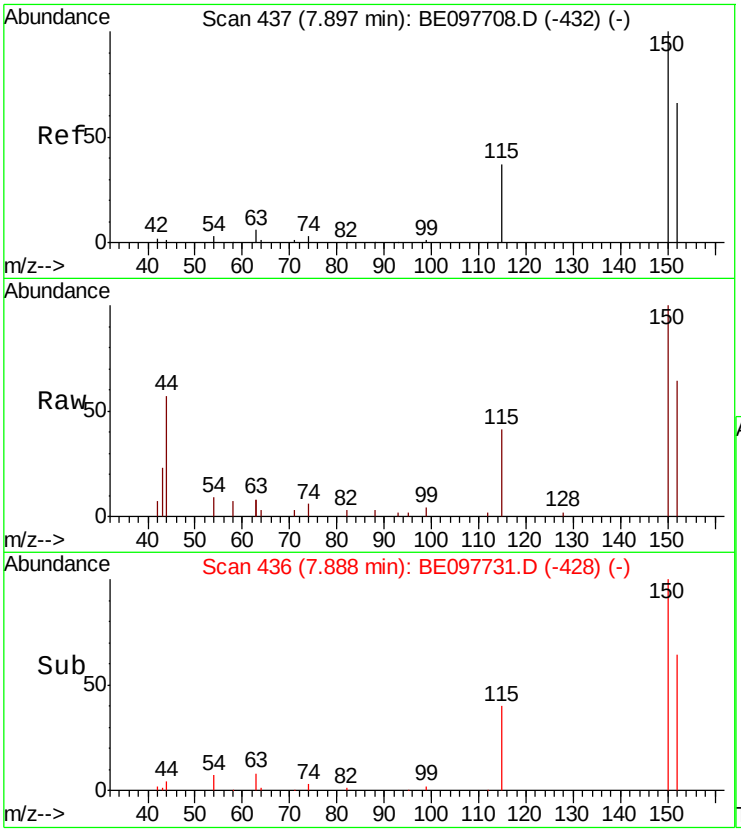
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
Data File : BE097731.D
Acq On : 4 Oct 2018 18:36
Operator : SJ/JU
Sample : J5220-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TS-03

Quant Time: Oct 05 06:51:24 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



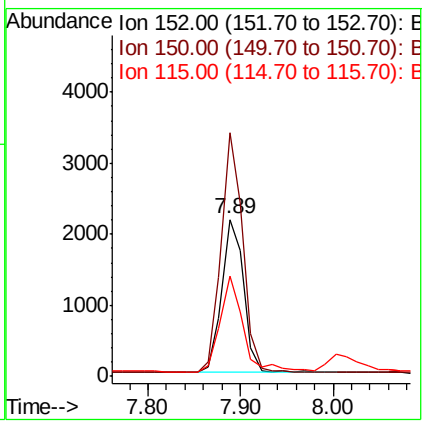


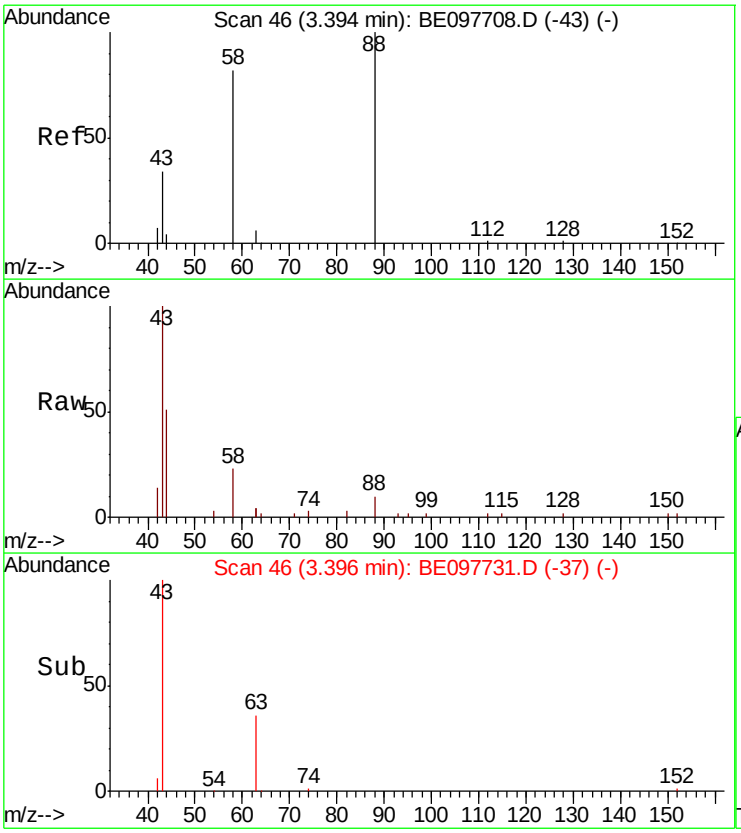
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion:152 Resp: 3552

Ion	Ratio	Lower	Upper
152	100		
150	155.1	120.9	181.3
115	63.9	46.6	69.8

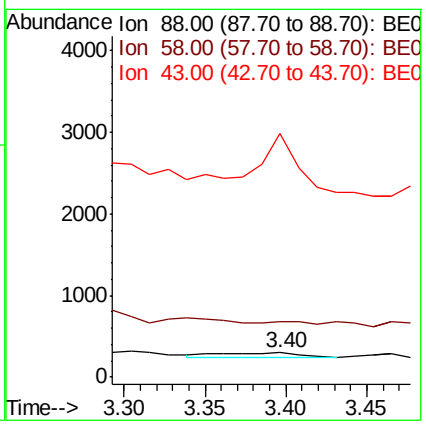


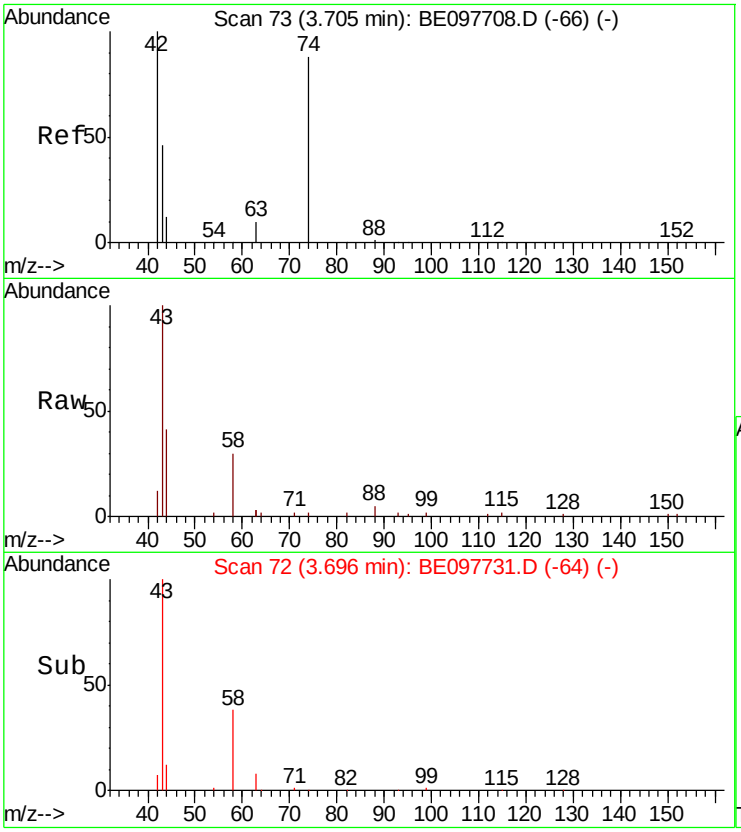


#2
1,4-Dioxane
Concen: 0.027 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion: 88 Resp: 191

Ion	Ratio	Lower	Upper
88	100		
58	0.0	70.8	106.2#
43	594.2	33.3	49.9#



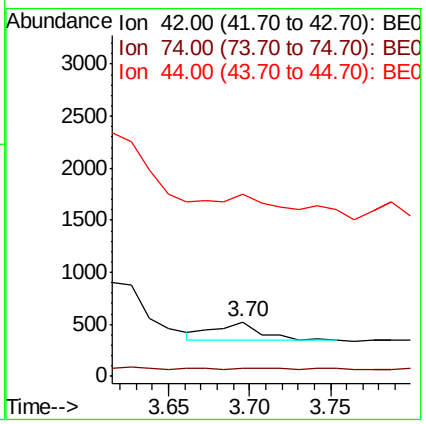


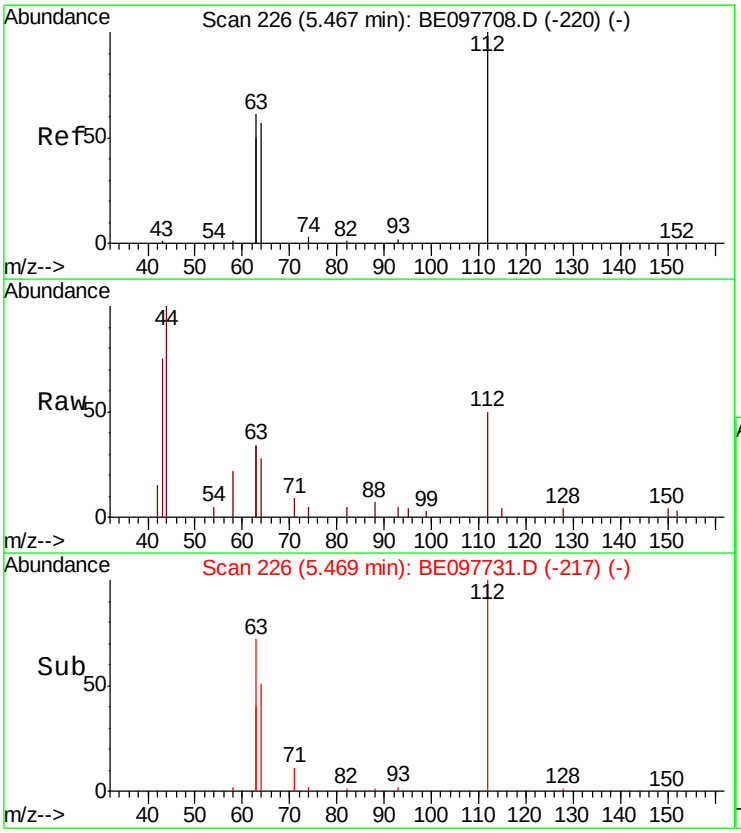
#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.70 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion: 42 Resp: 313

Ion	Ratio	Lower	Upper
42	100		
74	6.7	70.7	106.1#
44	0.0	15.0	22.4#

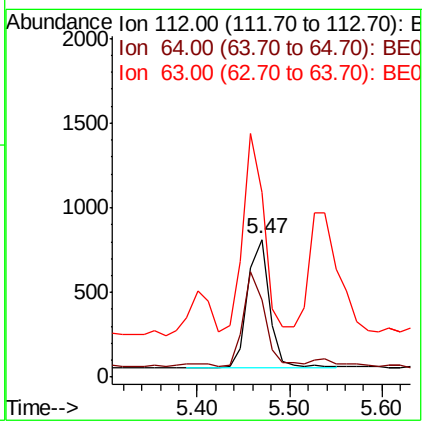


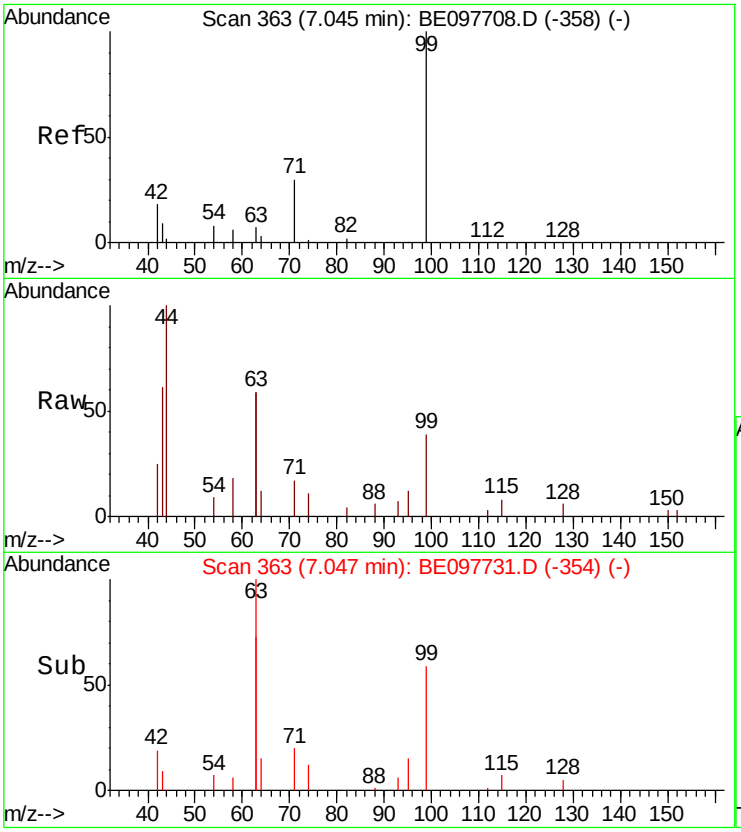


#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion:112 Resp: 1266

Ion	Ratio	Lower	Upper
112	100		
64	69.7	56.6	84.8
63	144.4	119.4	179.0



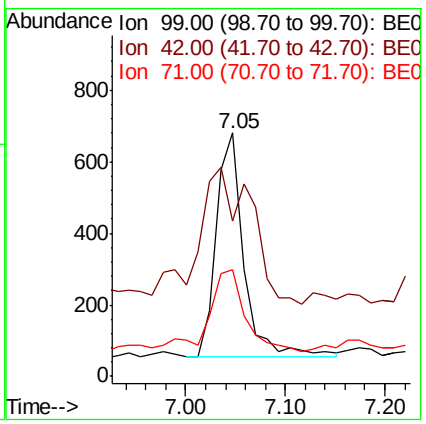


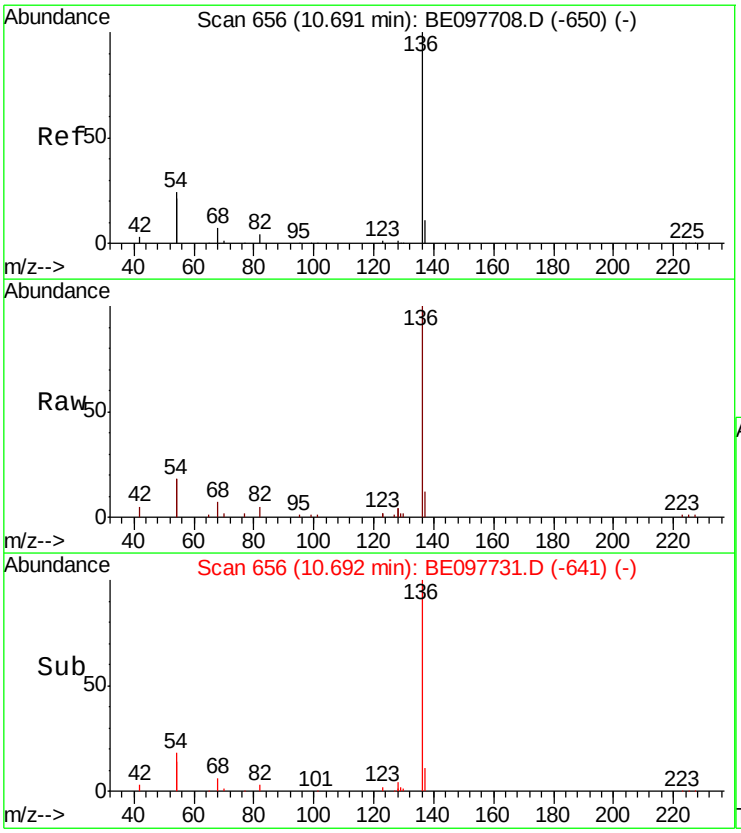
#5
Phenol-d6
Concen: 0.093 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion: 99 Resp: 1193

Ion	Ratio	Lower	Upper
99	100		
42	119.5	19.9	29.9#
71	50.3	25.4	38.2#

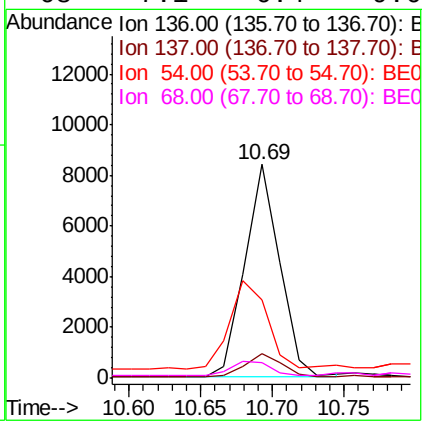


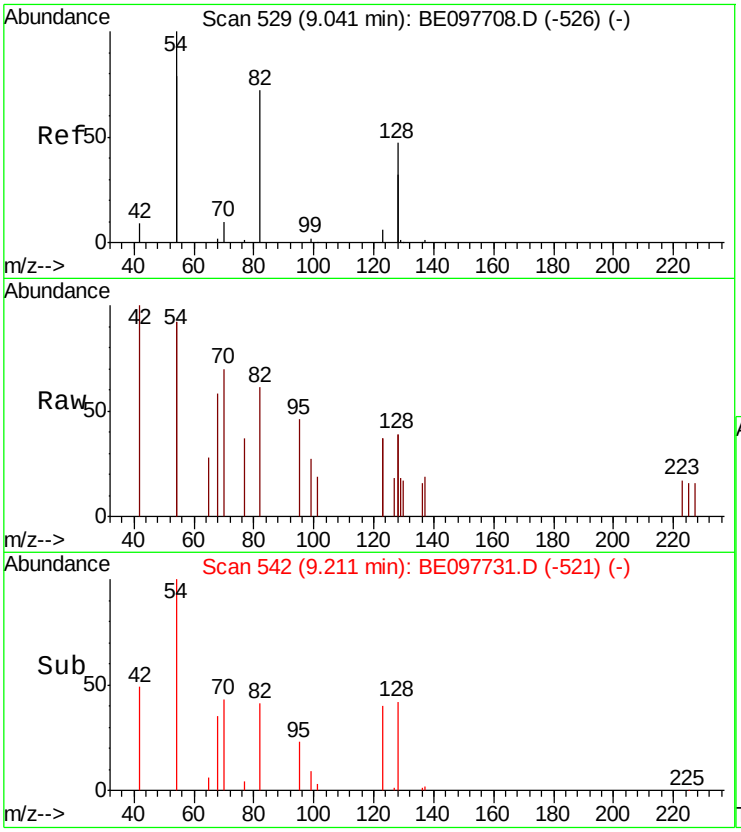


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion:136 Resp: 14153

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	36.6	37.8	56.6#
68	7.1	6.4	9.6



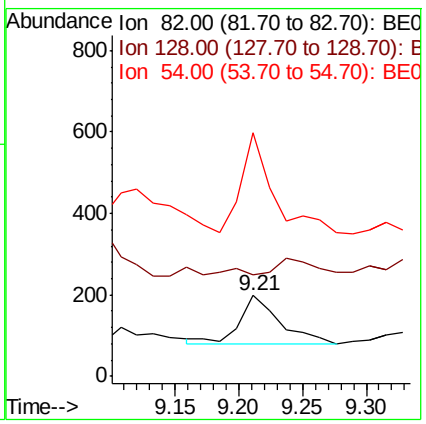


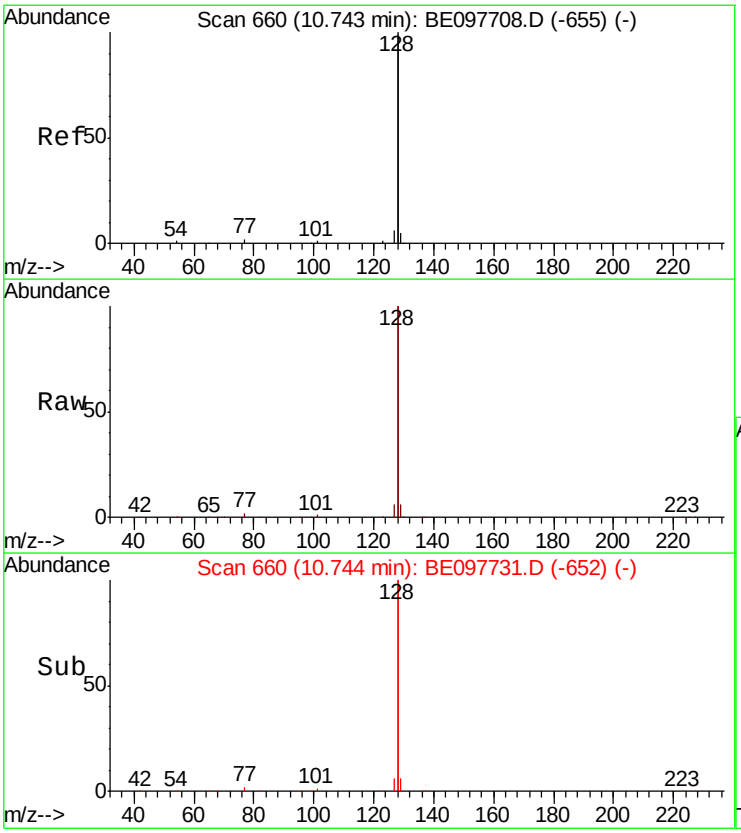
#8
Nitrobenzene-d5
Concen: 0.059 ng
RT: 9.21 min Scan# 542
Delta R.T. 0.17 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion: 82 Resp: 272

Ion	Ratio	Lower	Upper
82	100		
128	126.3	97.0	145.4
54	302.0	206.9	310.3

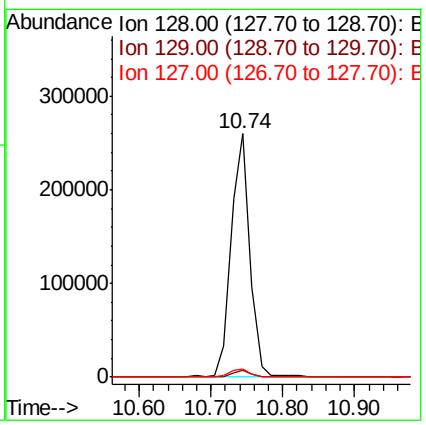


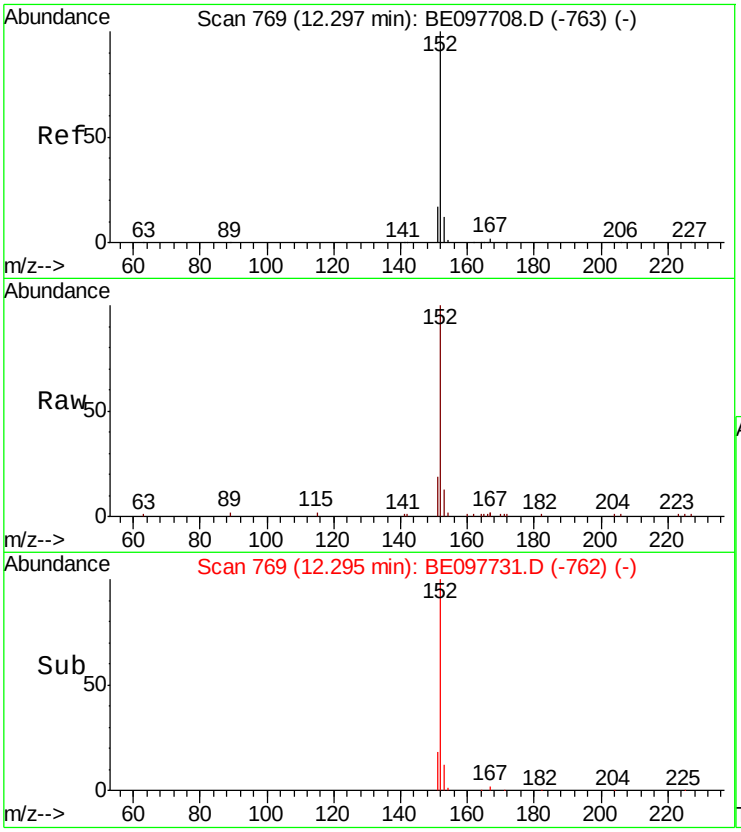


#9
Naphthalene
Concen: 3.252 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion:128 Resp: 463877

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.2
127	3.2	2.7	4.1



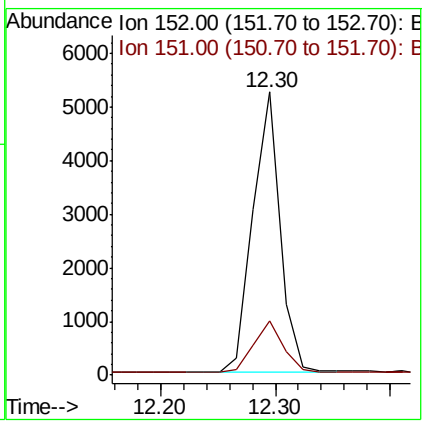


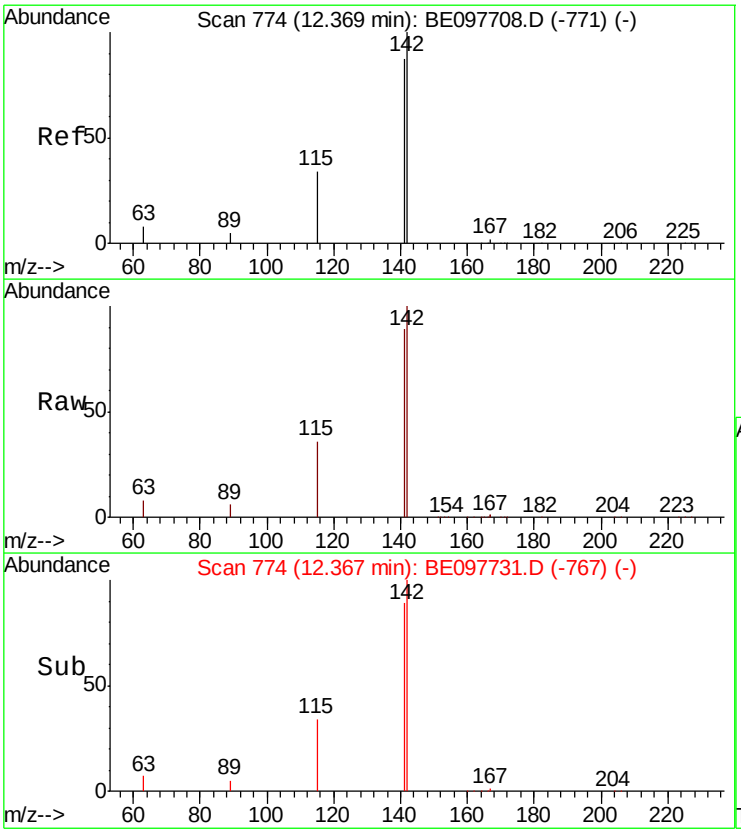
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion:152 Resp: 8552

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2

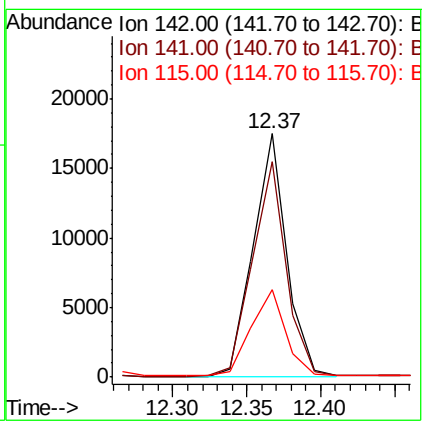


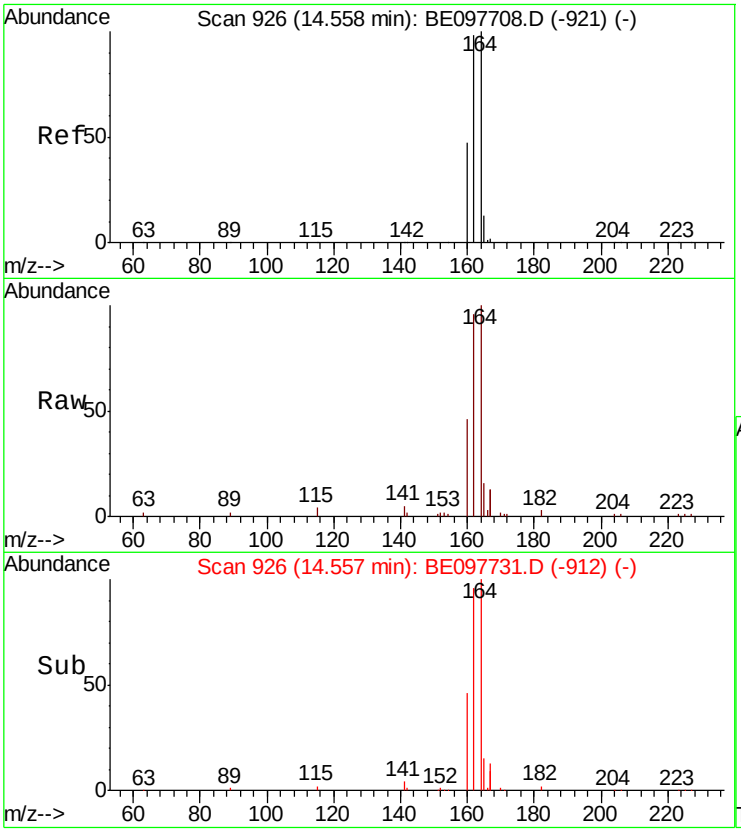


#12
2-Methylnaphthalene
Concen: 1.208 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion:142 Resp: 27578

Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.4	104.2
115	35.8	28.0	42.0



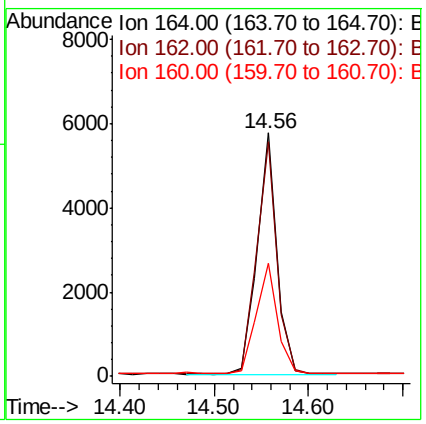


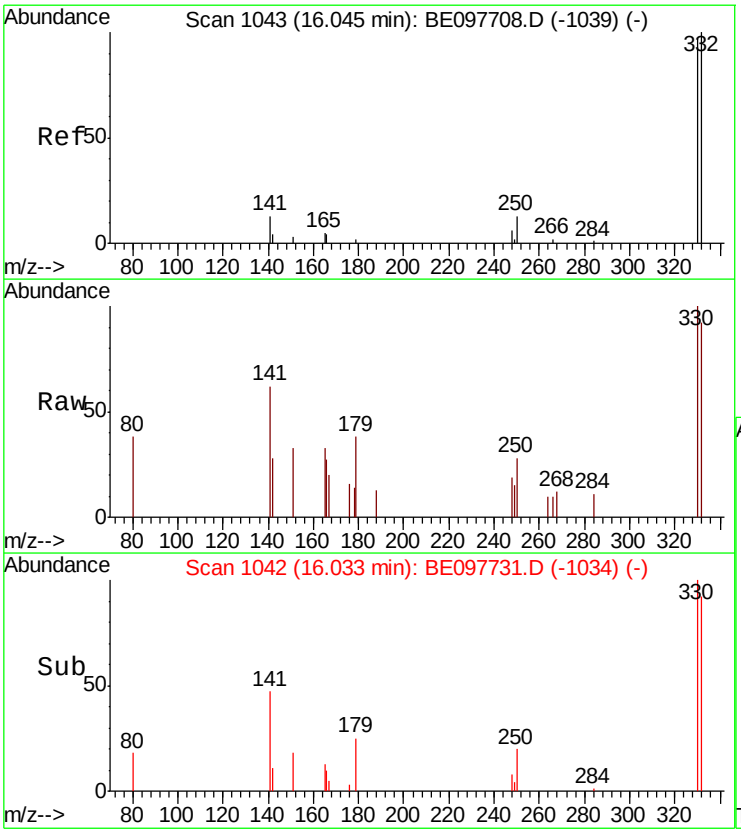
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion:164 Resp: 8453

Ion	Ratio	Lower	Upper
164	100		
162	96.4	78.6	117.8
160	46.4	37.8	56.6

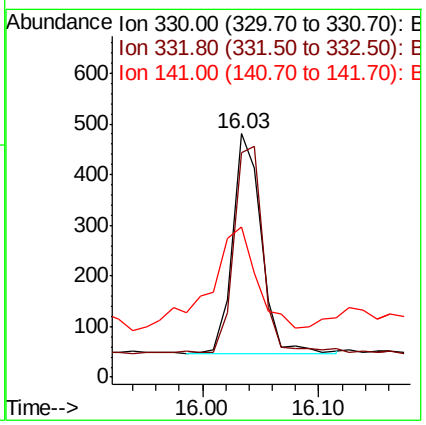


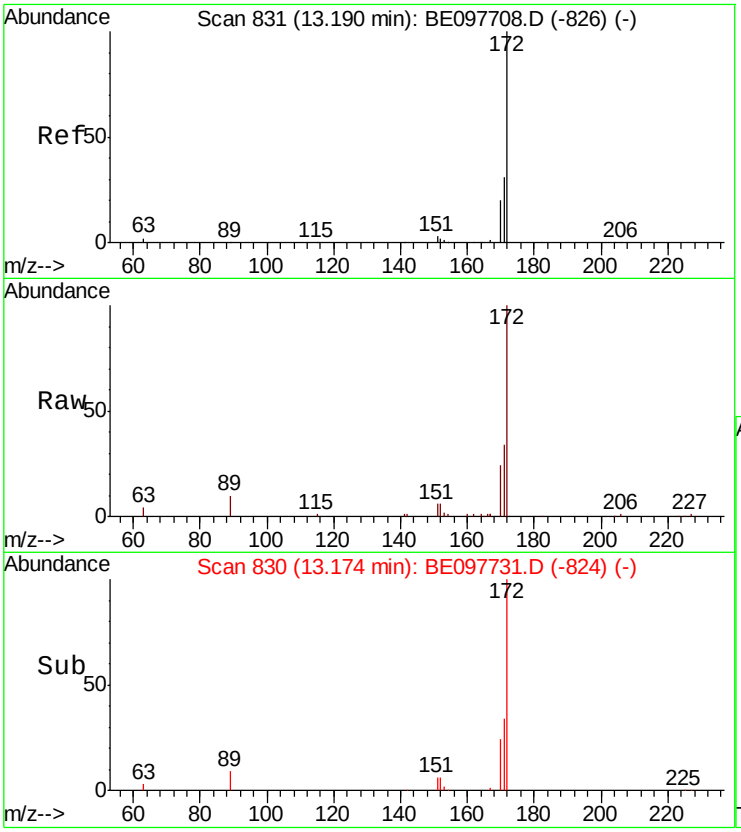


#14
2,4,6-Tribromophenol
Concen: 0.484 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion:330 Resp: 742

Ion	Ratio	Lower	Upper
330	100		
332	98.5	83.5	125.3
141	71.8	34.9	52.3#



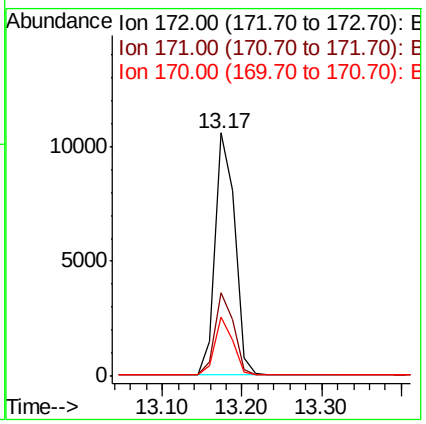


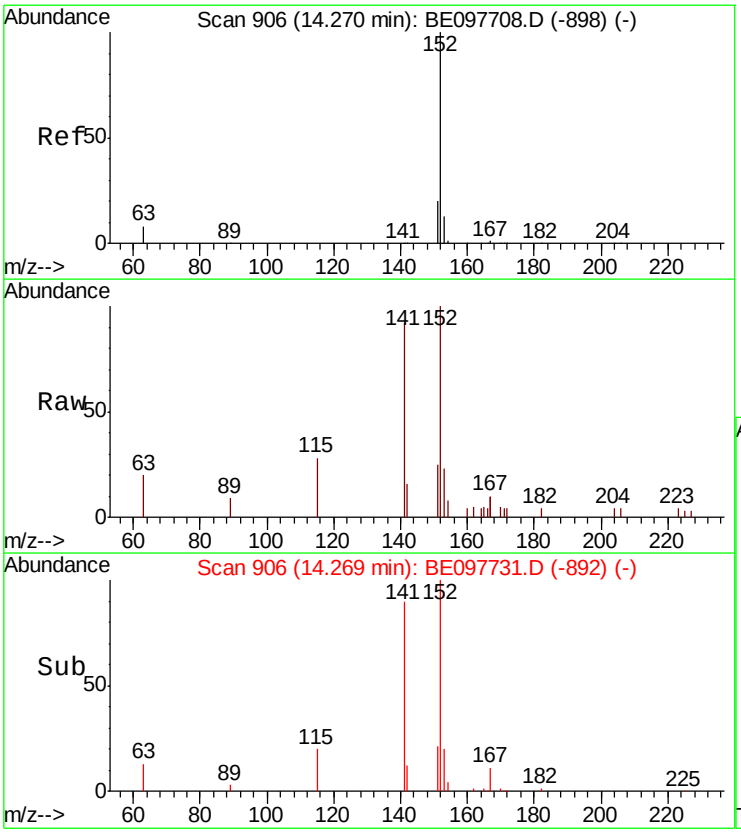
#15
2-Fluorobiphenyl
Concen: 0.487 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion:172 Resp: 18133

Ion	Ratio	Lower	Upper
172	100		
171	34.4	25.2	37.8
170	24.2	16.2	24.2

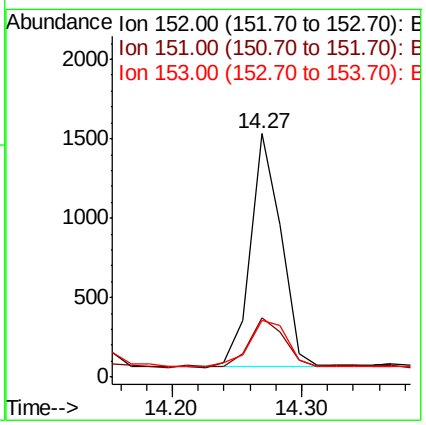


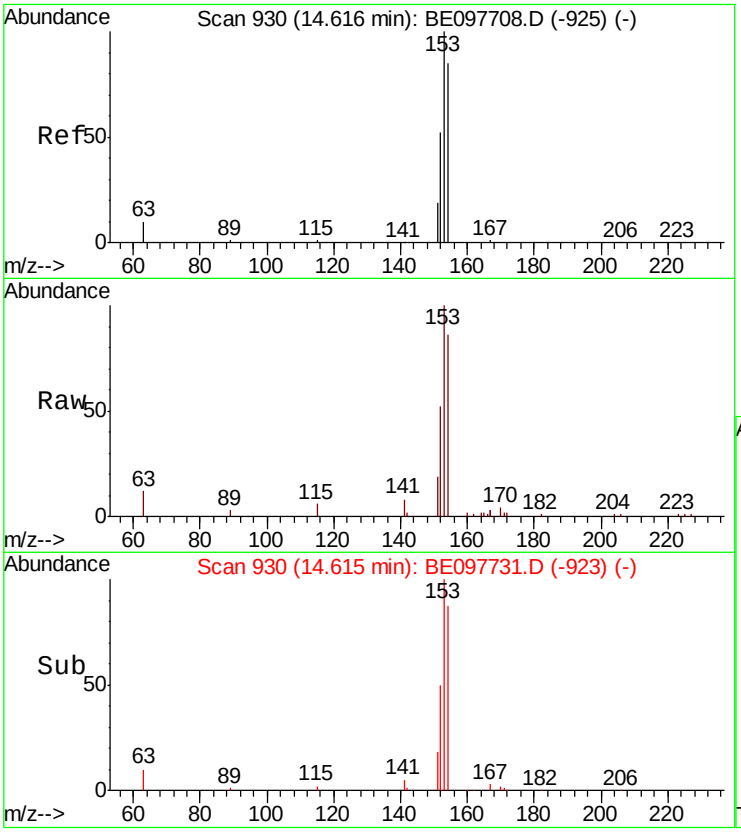


#16
Acenaphthylene
Concen: 0.064 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion:152 Resp: 2388

Ion	Ratio	Lower	Upper
152	100		
151	26.3	15.3	22.9#
153	25.7	10.8	16.2#



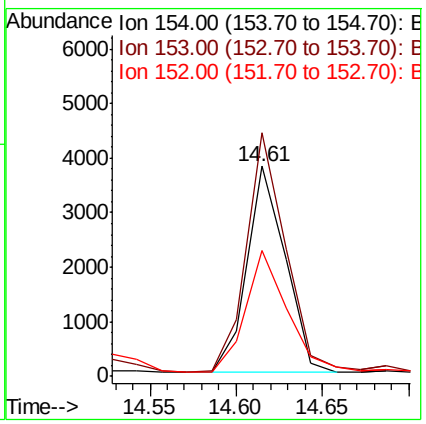


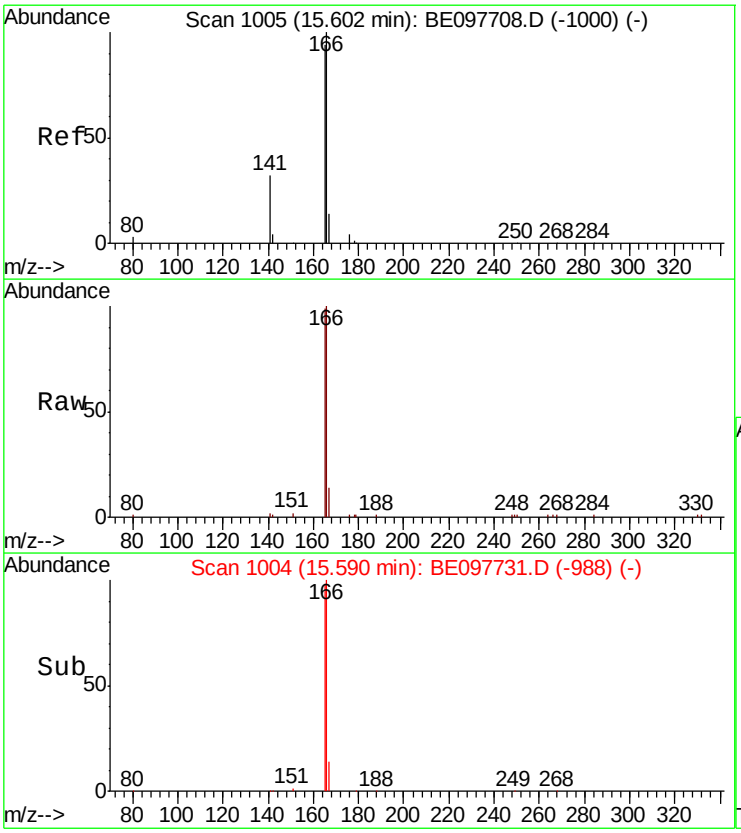
#17
Acenaphthene
Concen: 0.244 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion:154 Resp: 5853

Ion	Ratio	Lower	Upper
154	100		
153	118.8	93.3	139.9
152	64.2	48.9	73.3

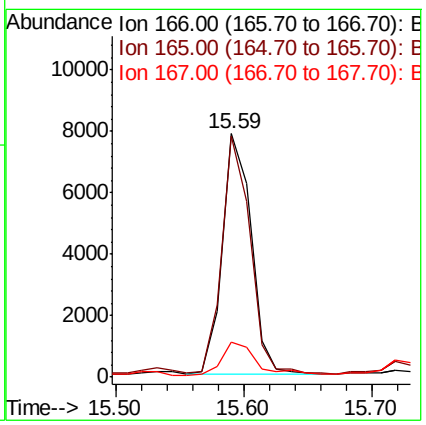


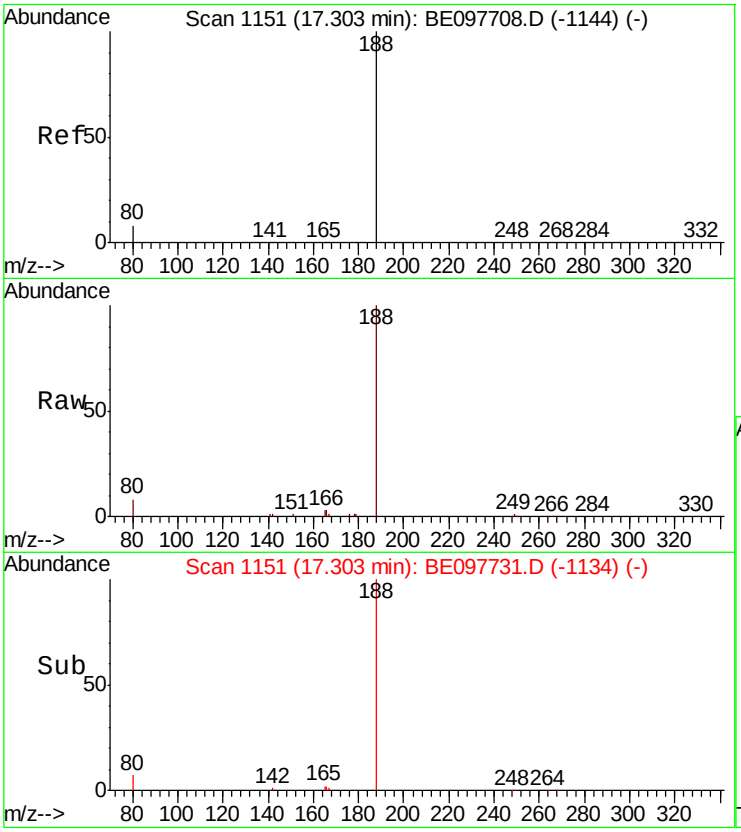


#18
Fluorene
Concen: 0.386 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion:166 Resp: 12300

Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.0	118.4
167	16.4	11.1	16.7



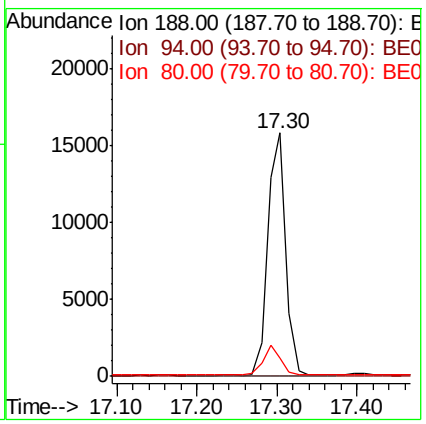


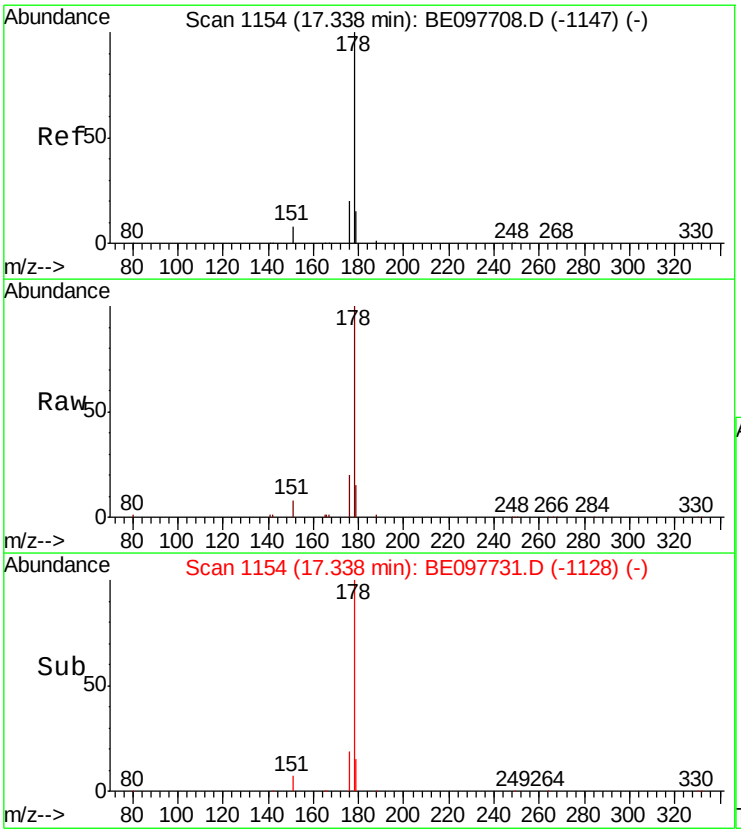
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion:188 Resp: 24725

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.6	9.8

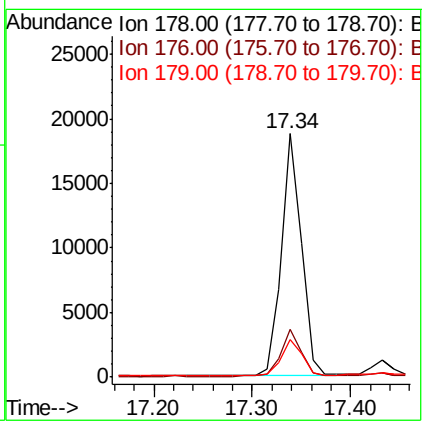


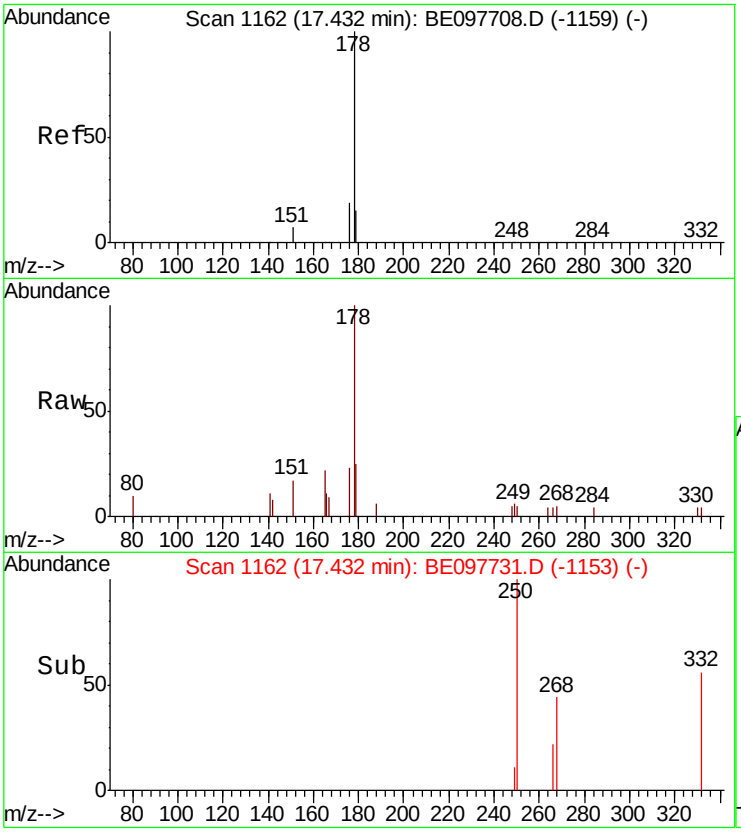


#23
Phenanthrene
Concen: 0.415 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion:178 Resp: 26461

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.0	12.2	18.4



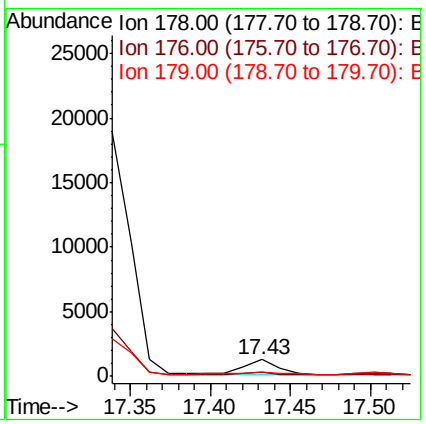


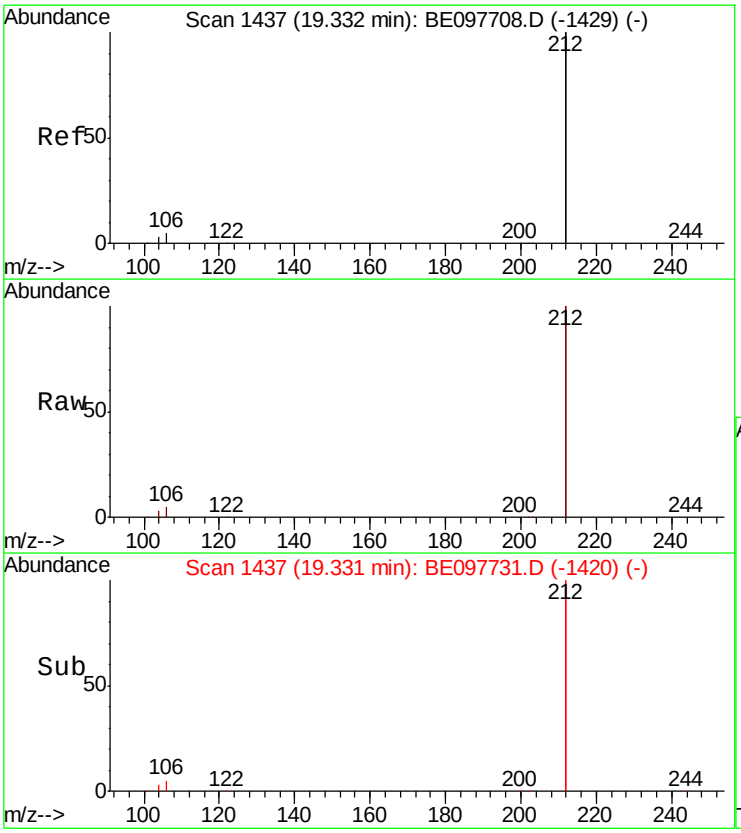
#24
Anthracene
Concen: 0.030 ng
RT: 17.43 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion:178 Resp: 1664

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.1	22.7
179	21.6	12.2	18.2#

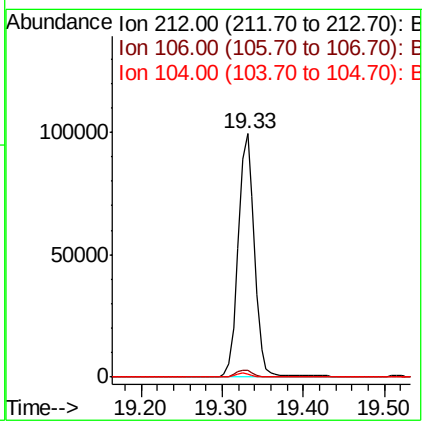


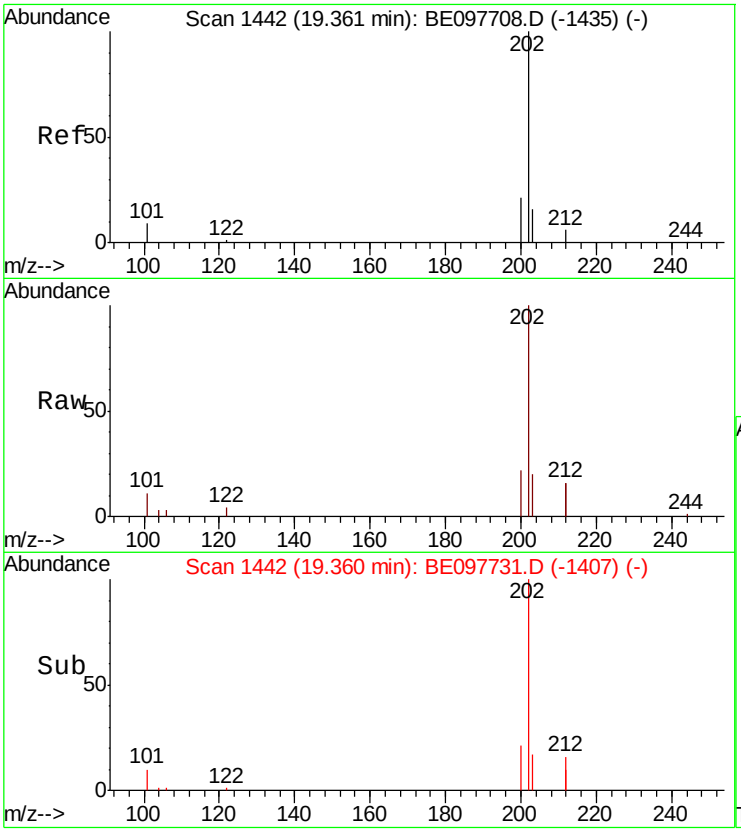


#25
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion:212 Resp: 135521

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



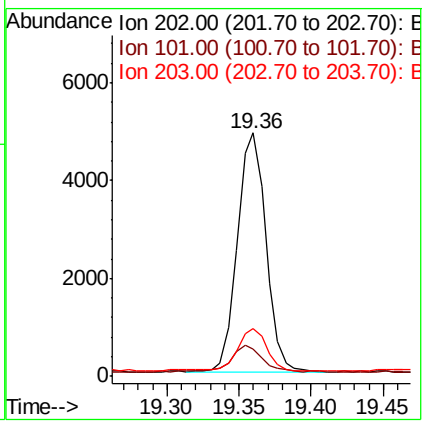


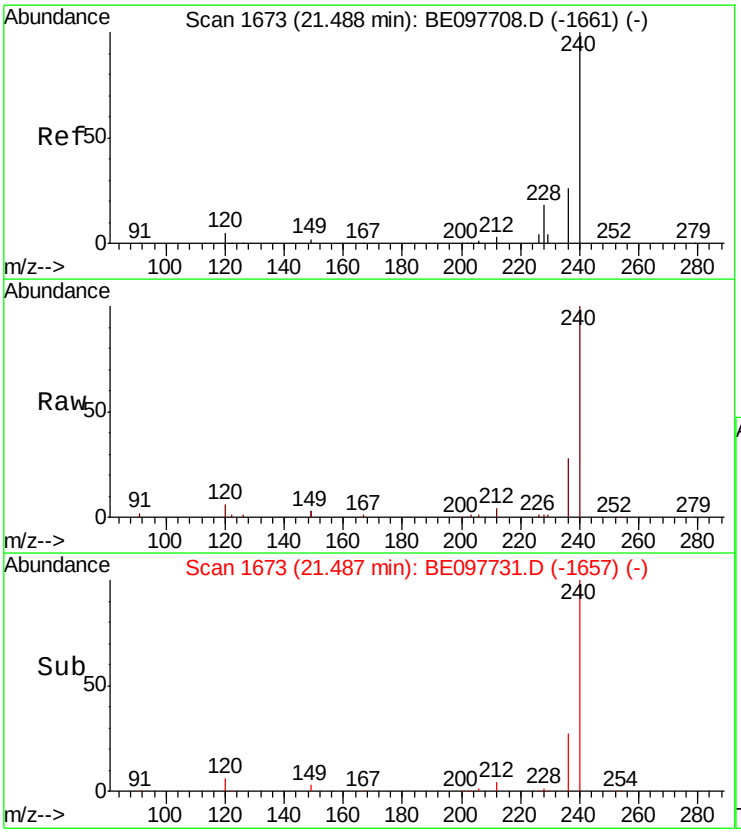
#26
Fluoranthene
Concen: 0.083 ng
RT: 19.36 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion:202 Resp: 6702

Ion	Ratio	Lower	Upper
202	100		
101	13.8	7.8	11.8#
203	18.1	13.8	20.6

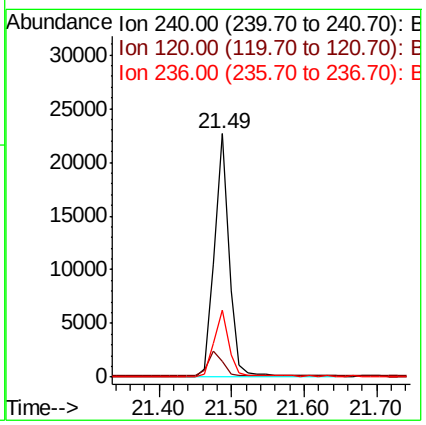


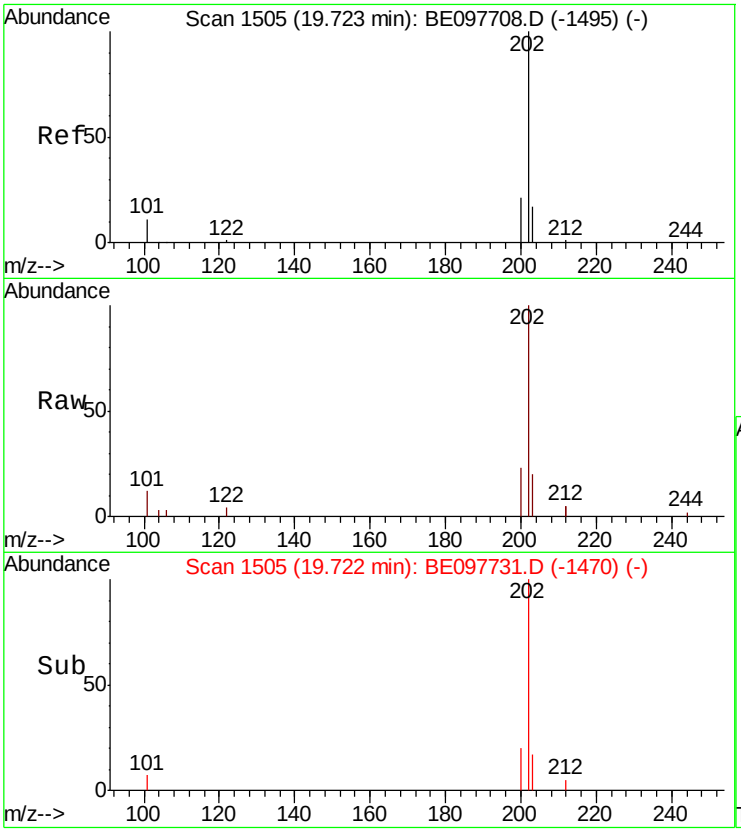


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion:240 Resp: 31974

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.7	7.1
236	27.7	20.8	31.2



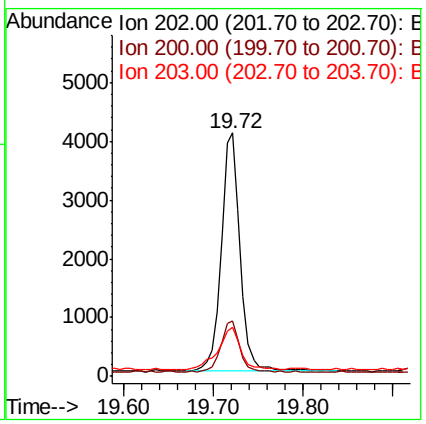


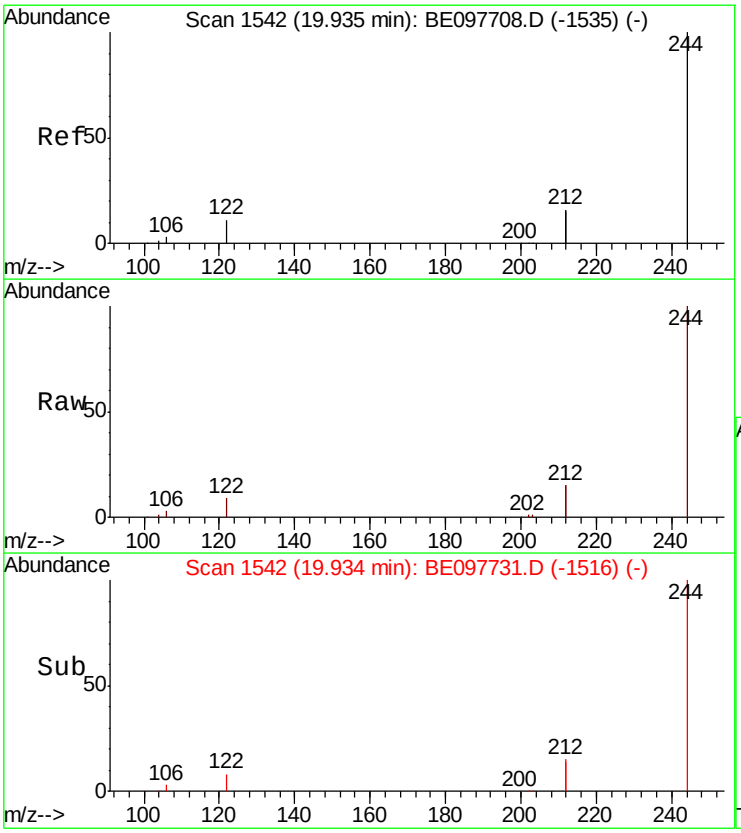
#28
Pyrene
Concen: 0.072 ng
RT: 19.72 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion:202 Resp: 5871

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	22.4	13.9	20.9#

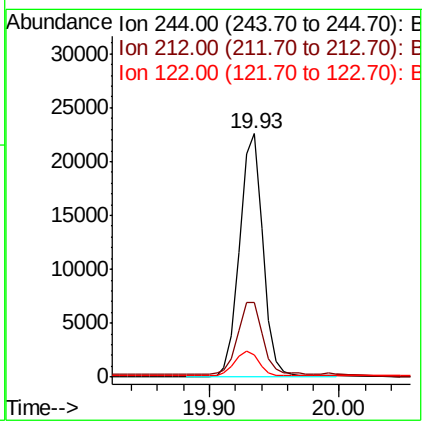


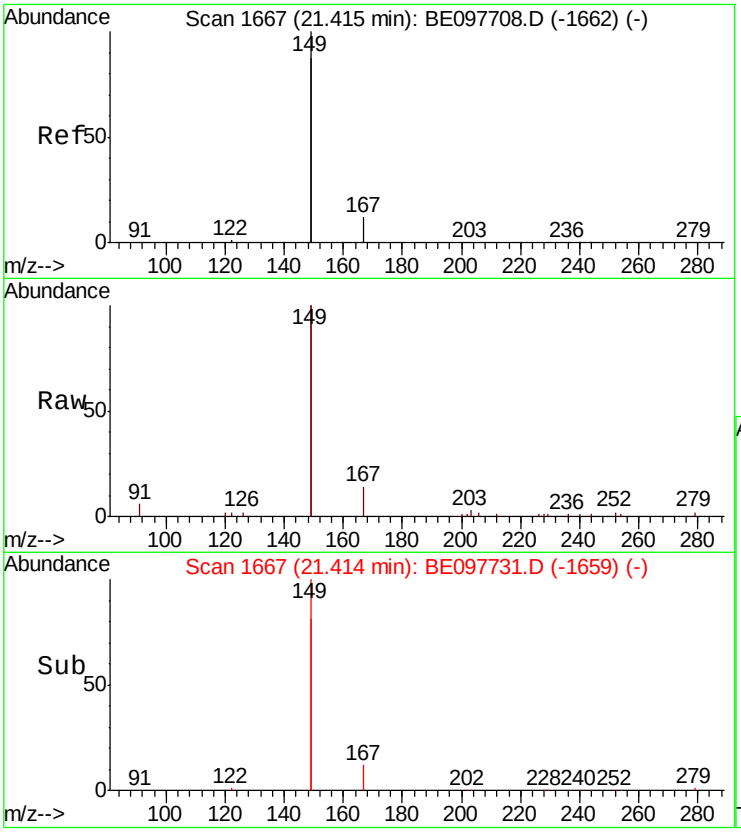


#29
Terphenyl-d14
Concen: 0.427 ng
RT: 19.93 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion:244 Resp: 27856

Ion	Ratio	Lower	Upper
244	100		
212	30.9	25.8	38.8
122	9.0	8.7	13.1



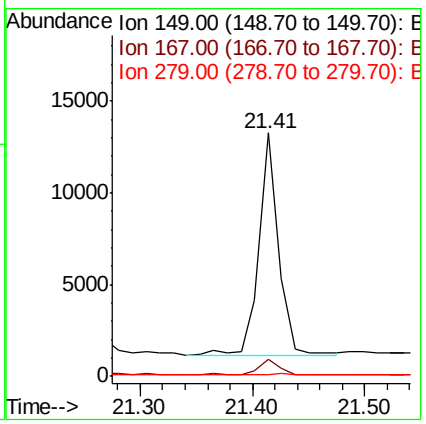


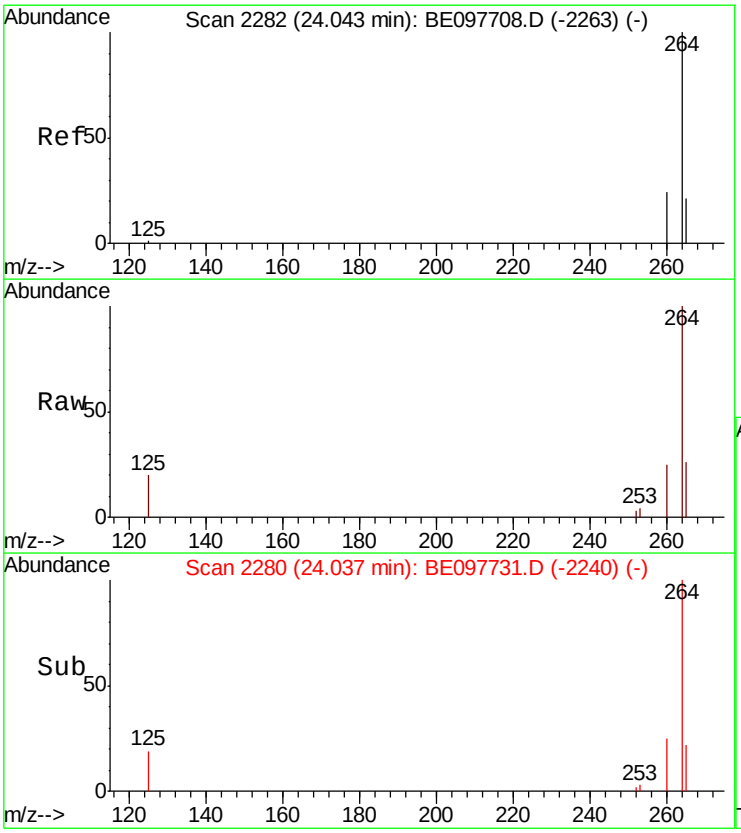
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.239 ng
RT: 21.41 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BE097731.D
Acq: 4 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
TS-03

Tgt Ion:149 Resp: 15011

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.5	8.3
279	1.4	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: BE097731.D
Acq: 4 Oct 2018 18:36

Tgt Ion:264 Resp: 31015

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.1	28.7
265	26.2	21.9	32.9