Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097535.D
Acq On : 19 Sep 2018 11:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 19 17:58:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 16:26:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	917	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	4209	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2414	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	6568	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8611	0.40	ng		0.00
34) Perylene-d12	23.21	264	8885	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1026	0.37	ng		0.01
5) Phenol-d6	6.60	99	1252	0.36	ng		0.00
8) Nitrobenzene-d5	8.53	82	1207	0.37	ng		0.01
11) 2-Methylnaphthalene-d10	11.71	152	2282	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	386	0.42	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3456	0.41	ng		0.00
25) Fluoranthene-d10	18.80	212	29751	0.35	ng		0.00
29) Terphenyl-d14	19.42	244	6172	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	596	0.378	ng	#	86
3) n-Nitrosodimethylamine	3.38	42	485	0.365	ng	#	89
6) bis(2-Chloroethyl)ether	6.83	93	1308	0.401	ng	#	66
9) Naphthalene	10.17	128	15300	0.404	ng		99
10) Hexachlorobutadiene	10.46	225	688	0.394	ng		98
12) 2-Methylnaphthalene	11.79	142	2329	0.394	ng		99
16) Acenaphthylene	13.72	152	3682	0.386	ng		100
17) Acenaphthene	14.06	154	2515	0.393	ng		96
18) Fluorene	15.06	166	3238	0.388	ng	#	78
20) 4-Bromophenyl-phenylether	15.96	248	1166	0.394	ng		88
21) Hexachlorobenzene	16.07	284	1289	0.396	ng	#	83
22) Pentachlorophenol	16.45	266	416	0.415	ng	#	77
23) Phenanthrene	16.80	178	5979	0.383	ng		98
24) Anthracene	16.89	178	5151	0.374	ng		95
26) Fluoranthene	18.83	202	7623	0.352	ng		99
28) Pyrene	19.20	202	8063	0.411	ng		100
30) Benzo(a)anthracene	20.95	228	8302	0.383	ng		97
31) Chrysene	21.00	228	9503	0.409	ng		100
32) Bis(2-ethylhexyl)phthalate	20.91	149	13448	0.380	ng	#	100
35) Benzo(b)fluoranthene	22.53	252	8324	0.365	ng	#	90
36) Benzo(k)fluoranthene	22.53	252	8324	0.320	ng		94
37) Benzo(a)pyrene	23.11	252	8634	0.392	ng	#	92

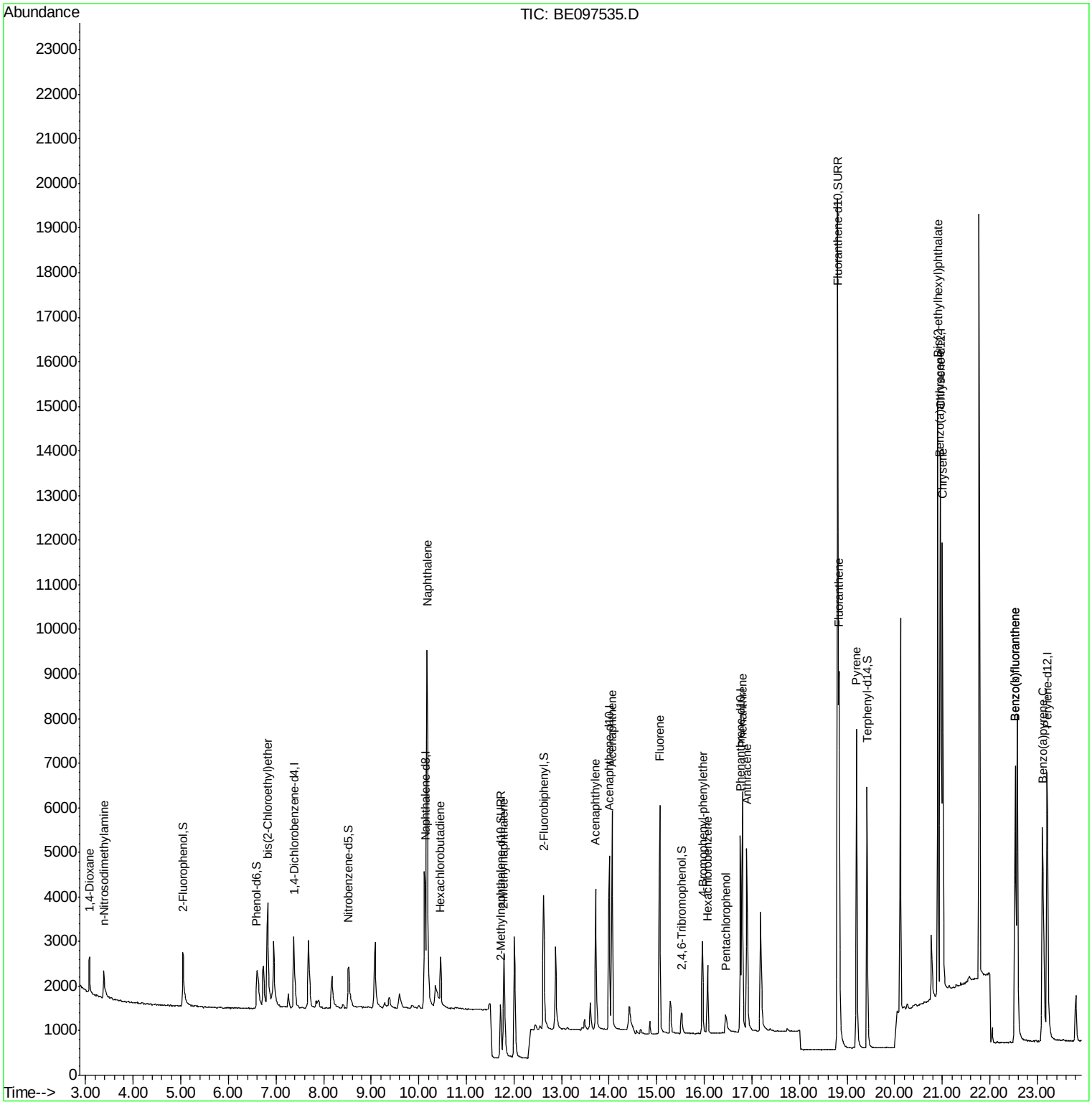
(#) = qualifier out of range (m) = manual integration (+) = signals summed

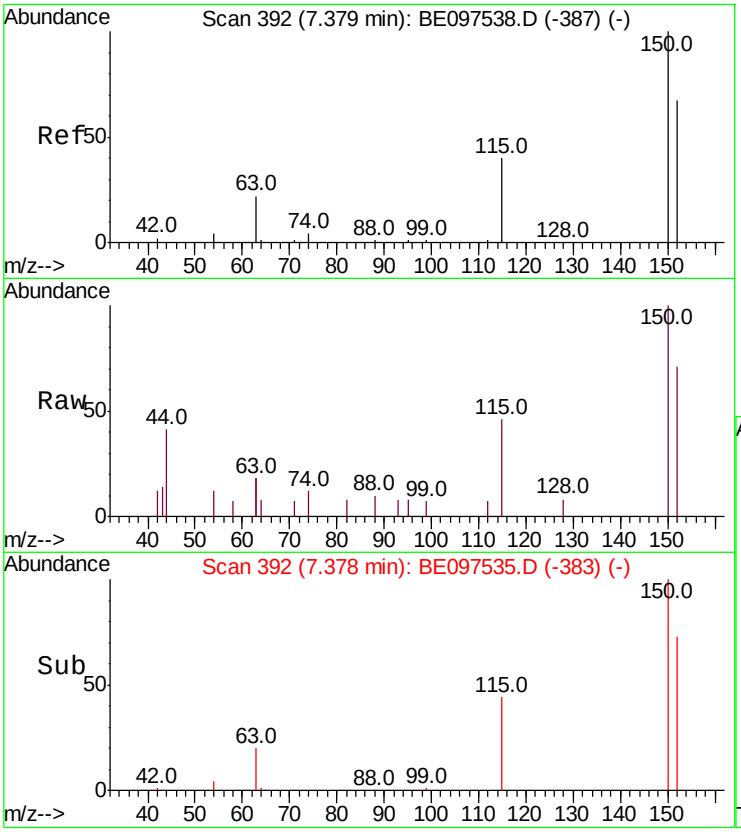
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097535.D
Acq On : 19 Sep 2018 11:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 19 17:58:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 16:26:00 2018
Response via : Initial Calibration



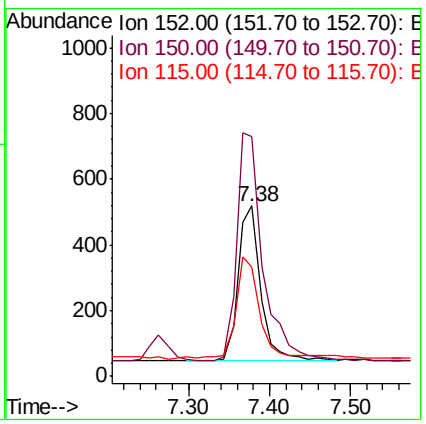


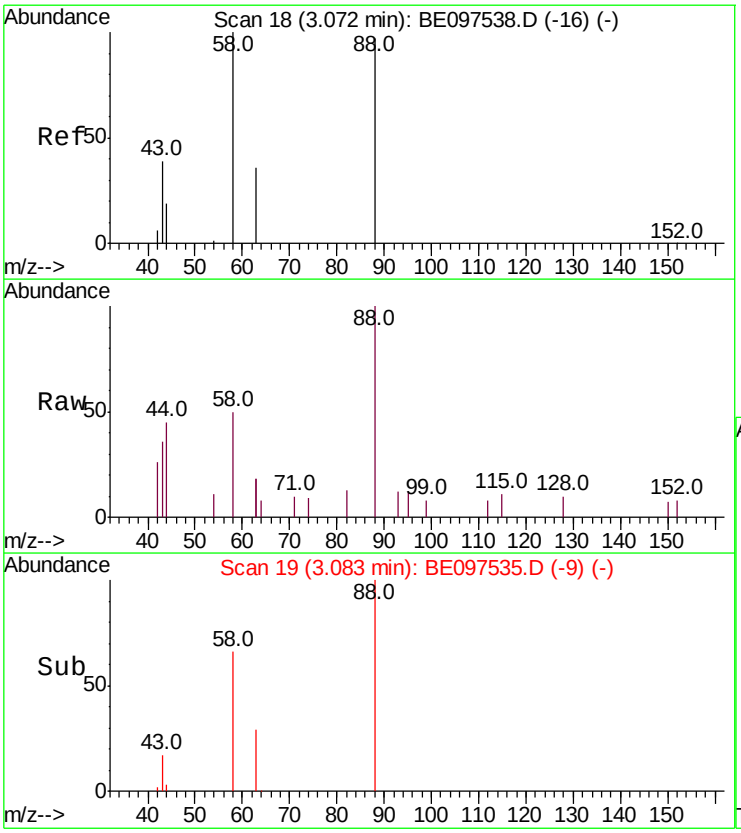
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 917

Ion	Ratio	Lower	Upper
152	100		
150	140.8	117.2	175.8
115	64.4	57.0	85.6

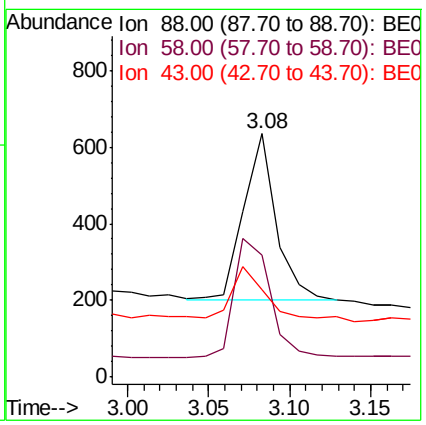


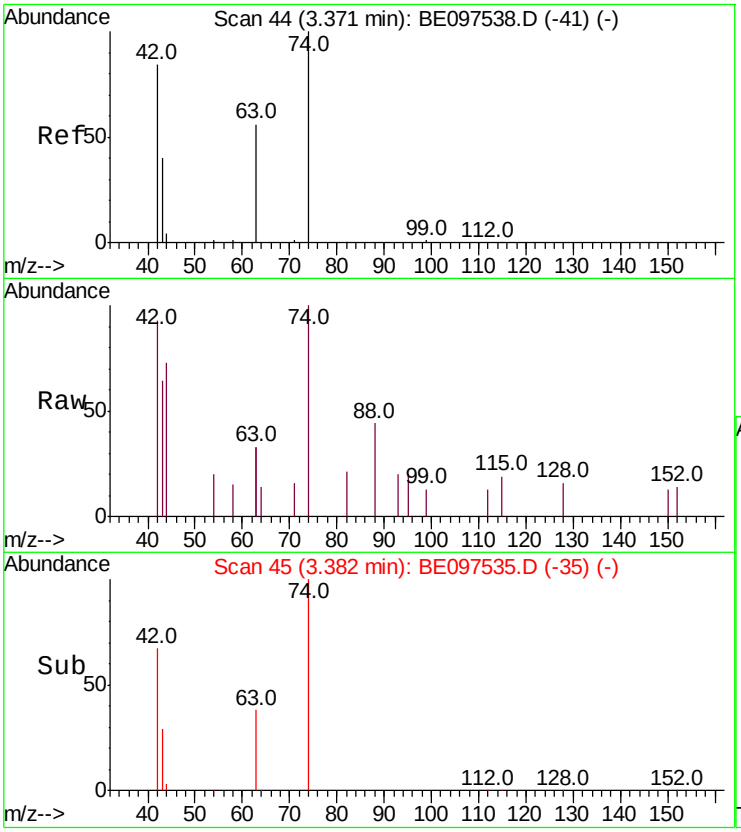


#2
1,4-Dioxane
Concen: 0.378 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion: 88 Resp: 596

Ion	Ratio	Lower	Upper
88	100		
58	80.5	63.2	94.8
43	27.9	41.2	61.8#



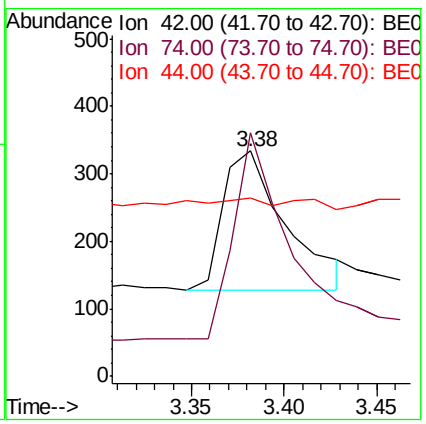


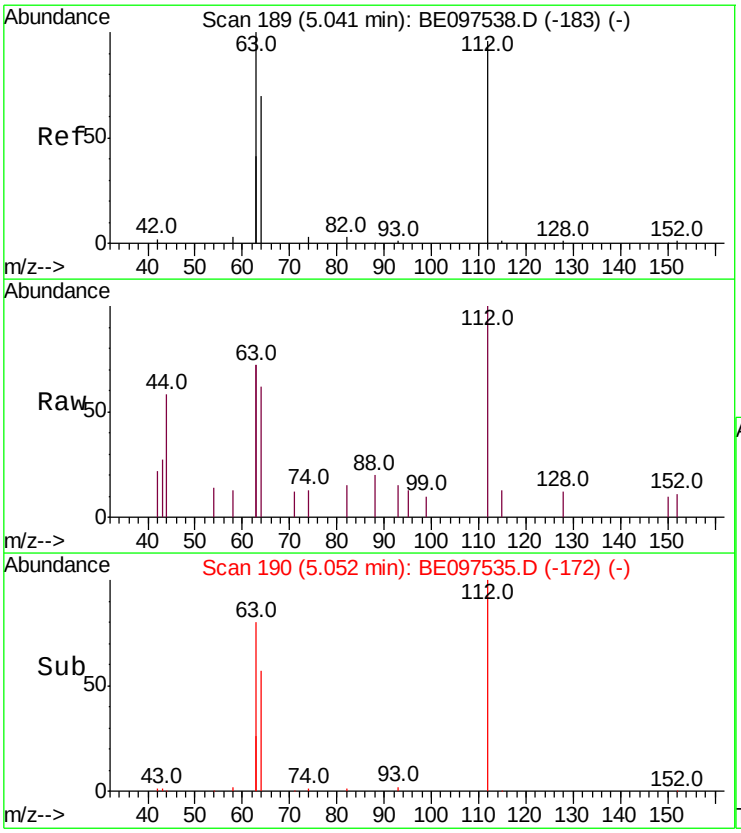
#3
n-Nitrosodimethylamine
Concen: 0.365 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 485

Ion	Ratio	Lower	Upper
42	100		
74	131.1	96.0	144.0
44	5.8	12.0	18.0#

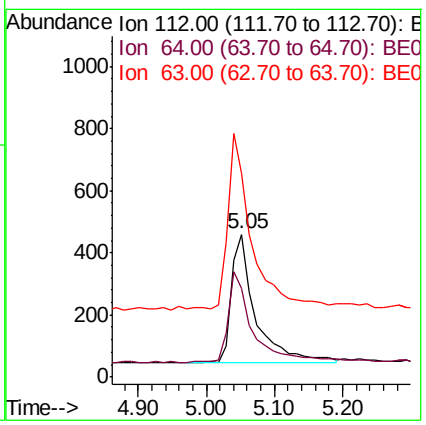


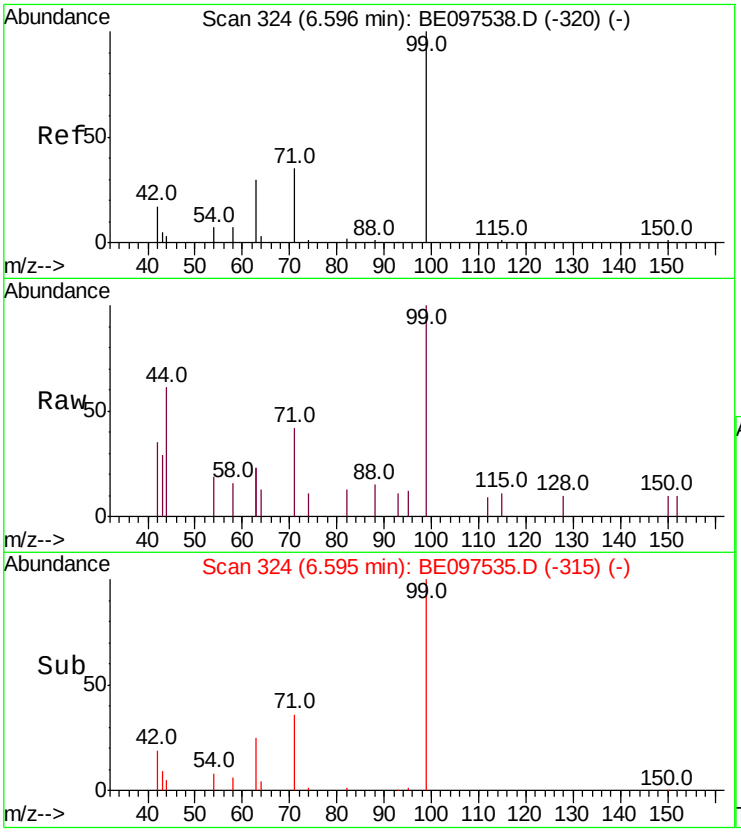


#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.01 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:112 Resp: 1026

Ion	Ratio	Lower	Upper
112	100		
64	68.6	60.1	90.1
63	130.4	116.8	175.2



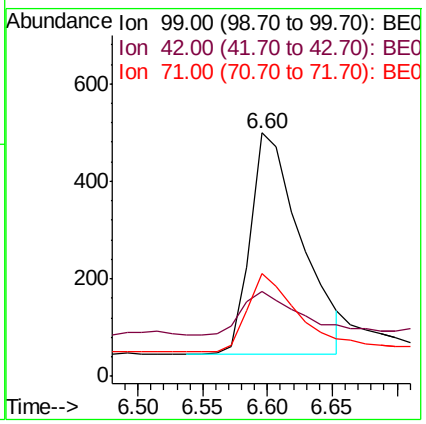


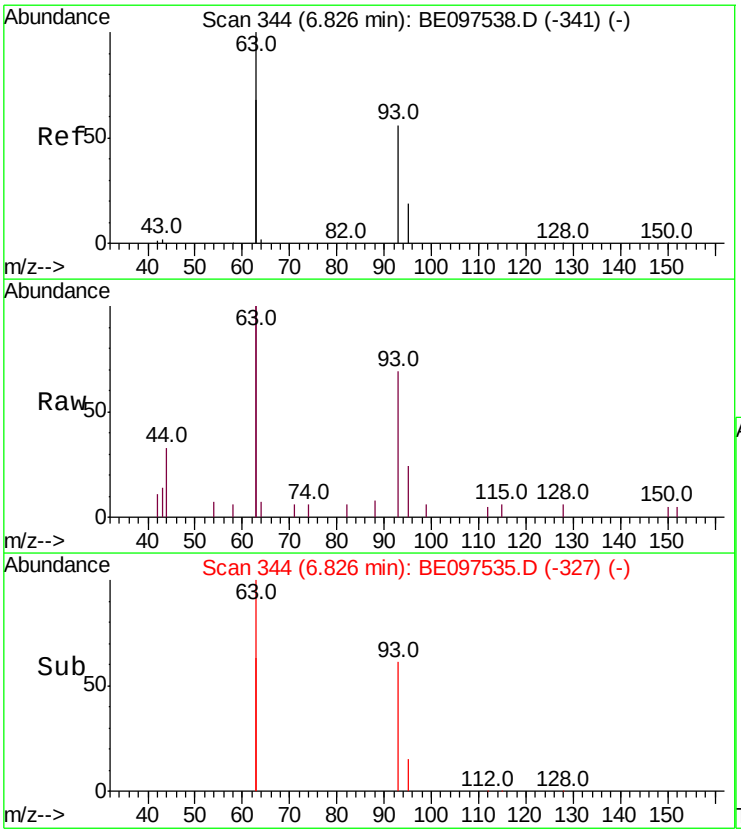
#5
Phenol-d6
Concen: 0.356 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1252

Ion	Ratio	Lower	Upper
99	100		
42	21.4	20.2	30.2
71	34.2	28.4	42.6

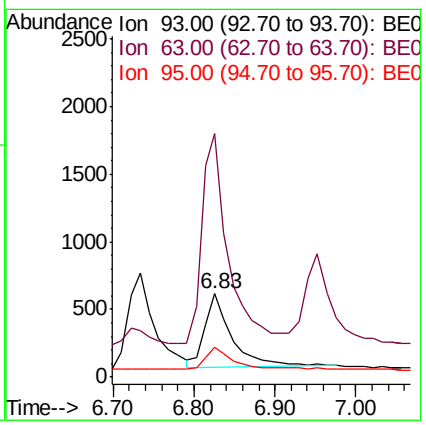


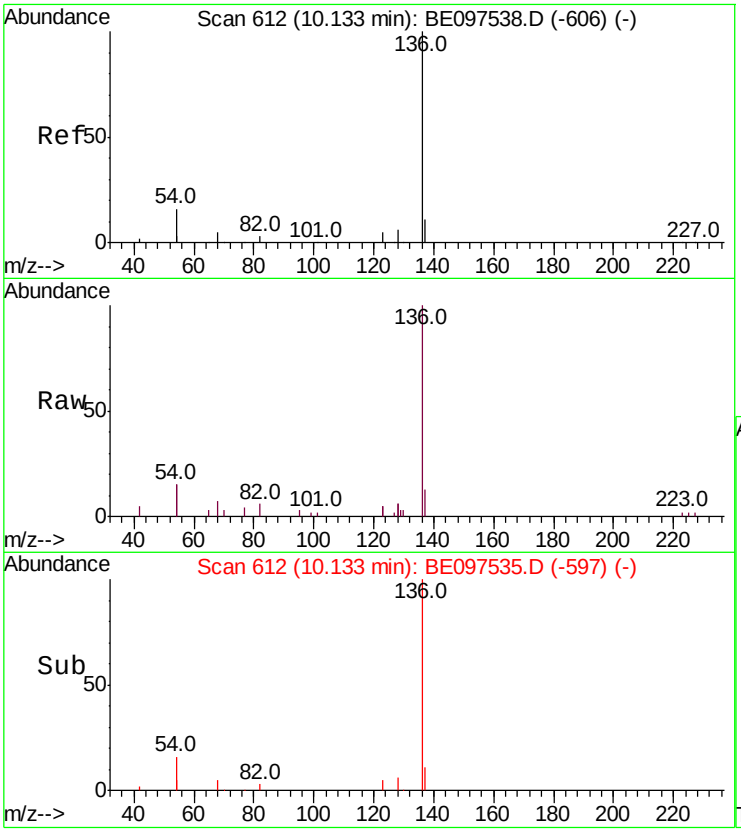


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion: 93 Resp: 1308

Ion	Ratio	Lower	Upper
93	100		
63	266.1	275.3	412.9#
95	30.2	25.2	37.8



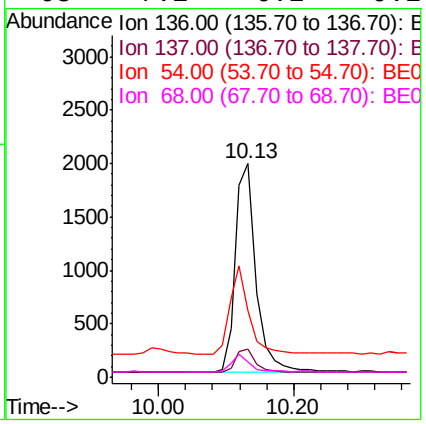


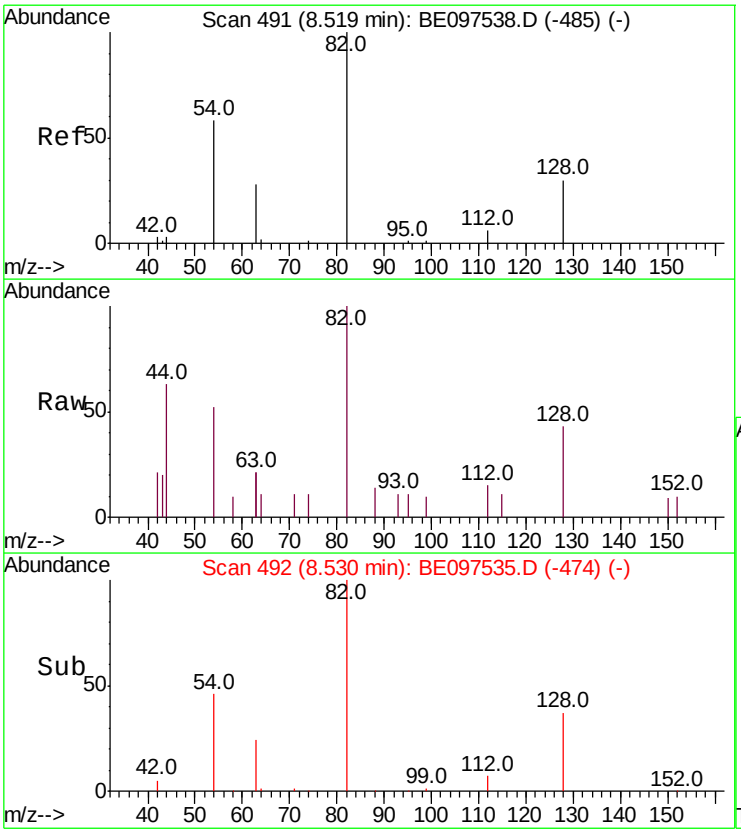
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4209

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.5	14.3
54	30.9	29.1	43.7
68	7.2	6.2	9.2

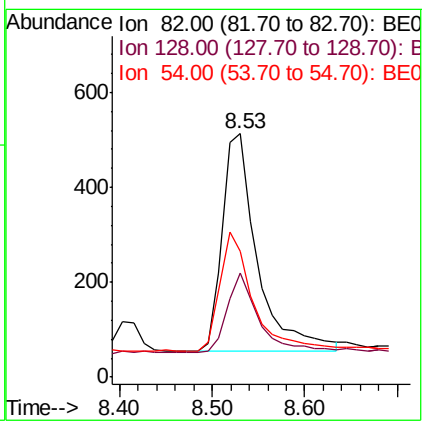


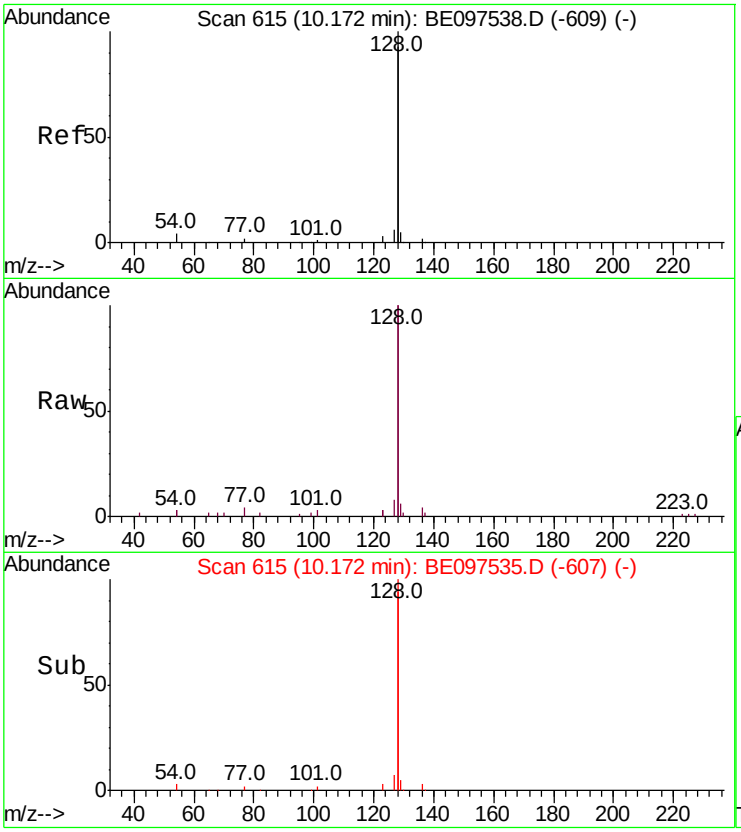


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion: 82 Resp: 1207

Ion	Ratio	Lower	Upper
82	100		
128	42.9	24.0	36.0#
54	51.7	40.0	60.0



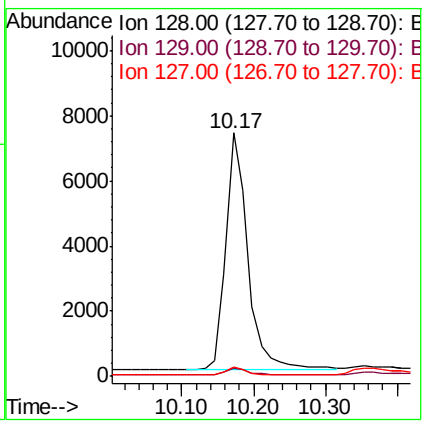


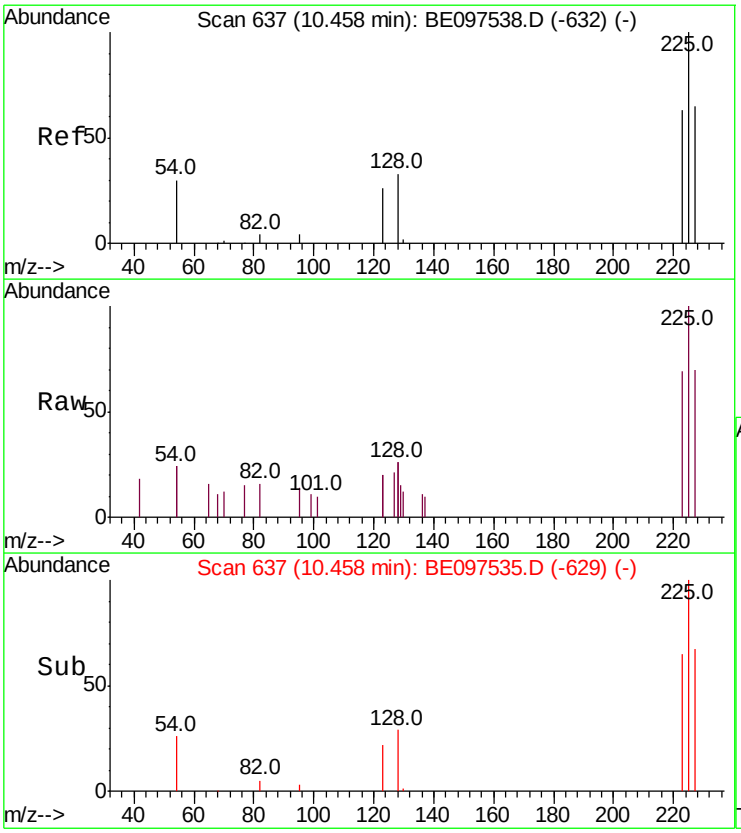
#9
Naphthalene
Concen: 0.404 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15300

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.9	2.8	4.2

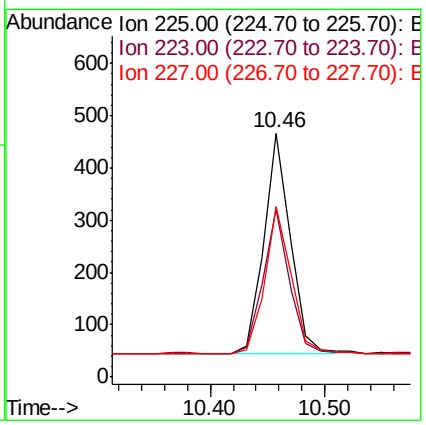


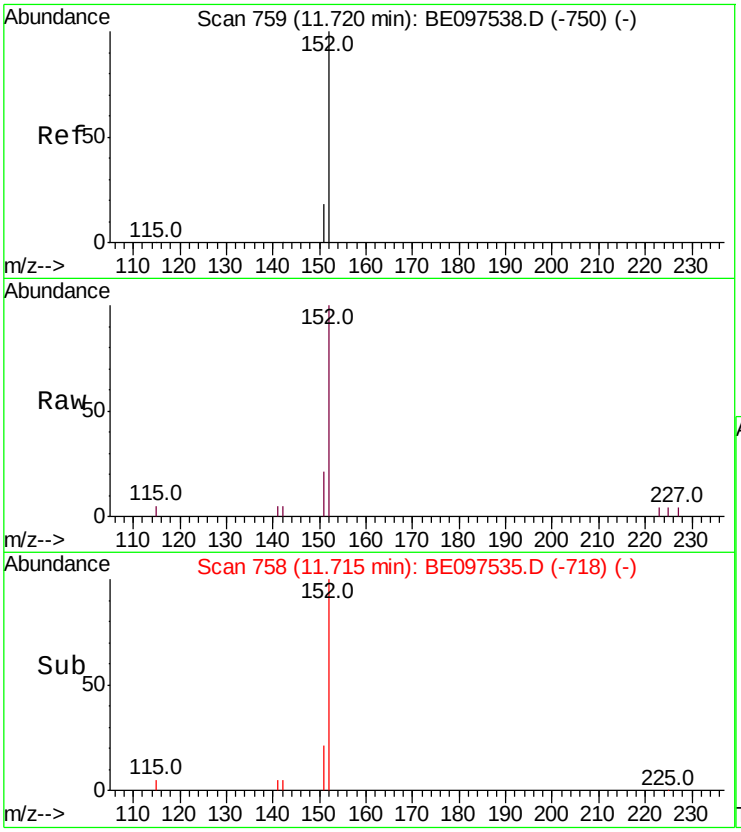


#10
Hexachlorobutadiene
Concen: 0.394 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:225 Resp: 688

Ion	Ratio	Lower	Upper
225	100		
223	65.0	53.0	79.6
227	66.1	51.4	77.2



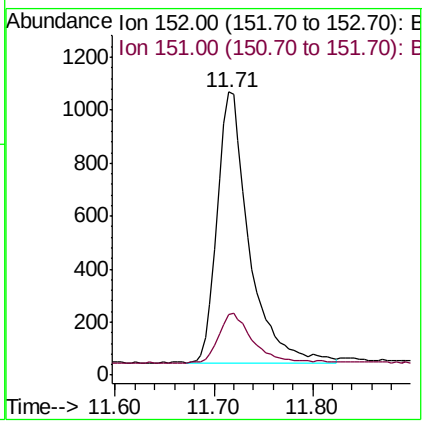


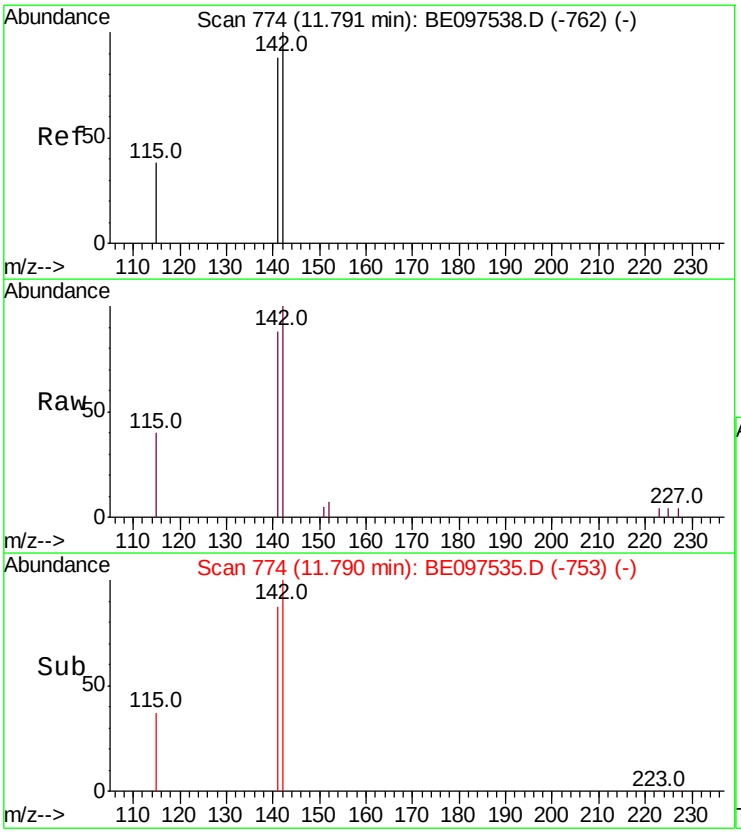
#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 11.71 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2282

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0

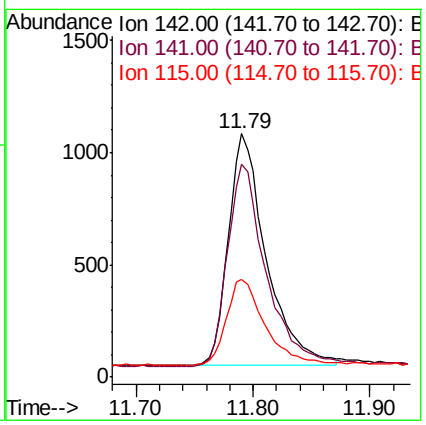


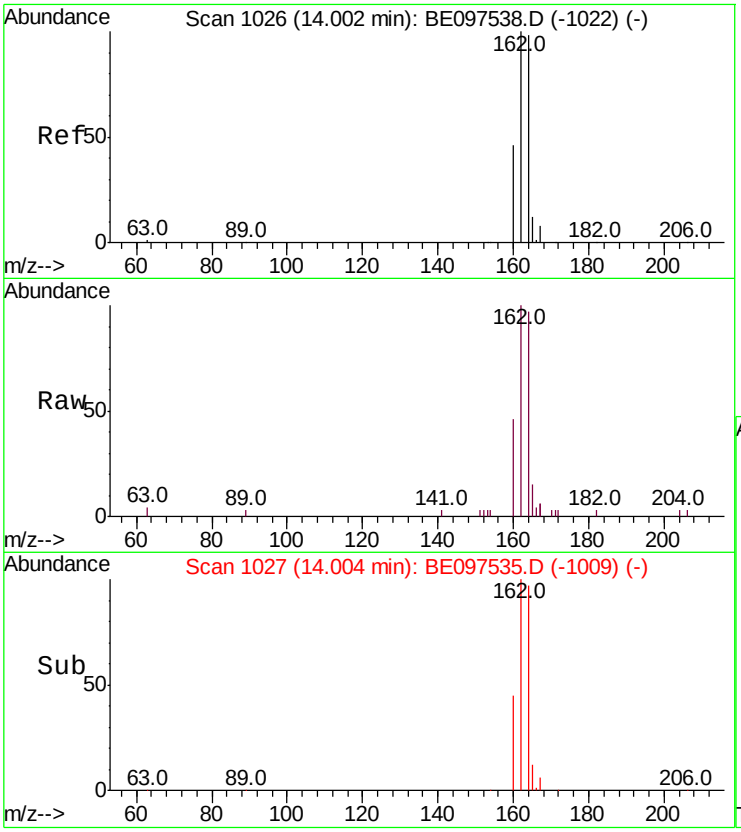


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:142 Resp: 2329

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	40.3	31.7	47.5



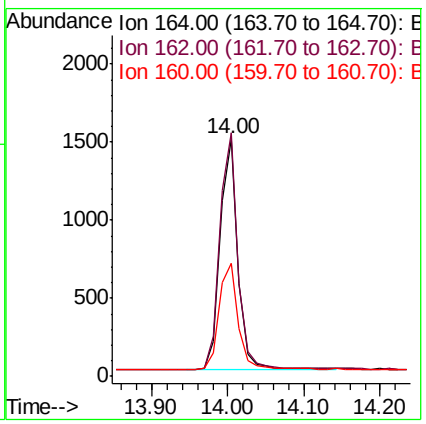


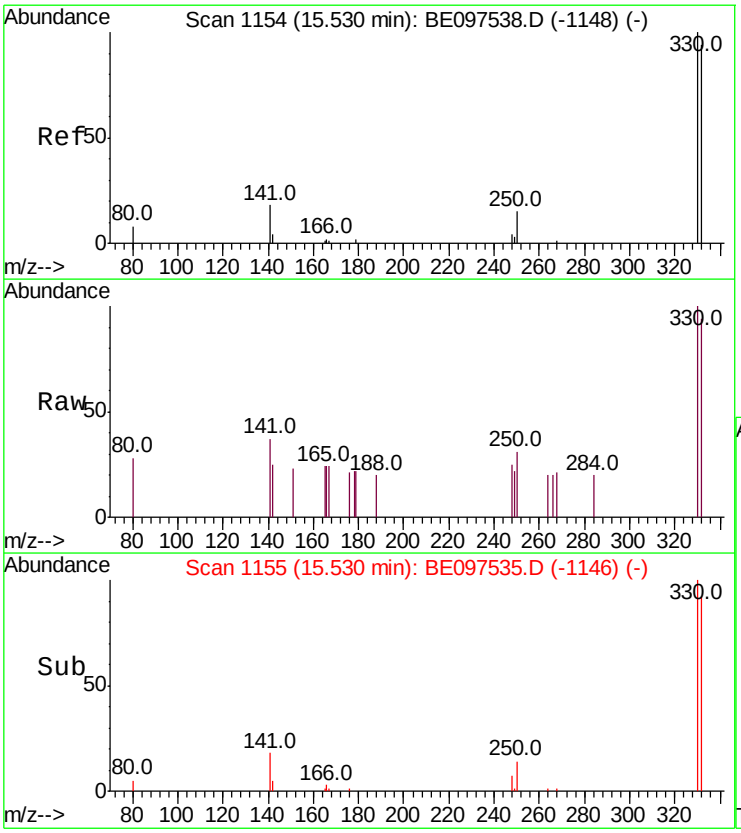
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2414

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.1	124.7
160	47.7	37.1	55.7

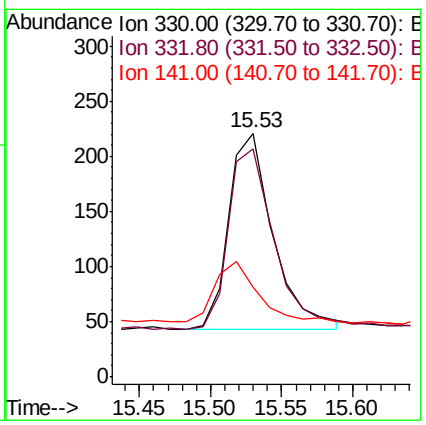


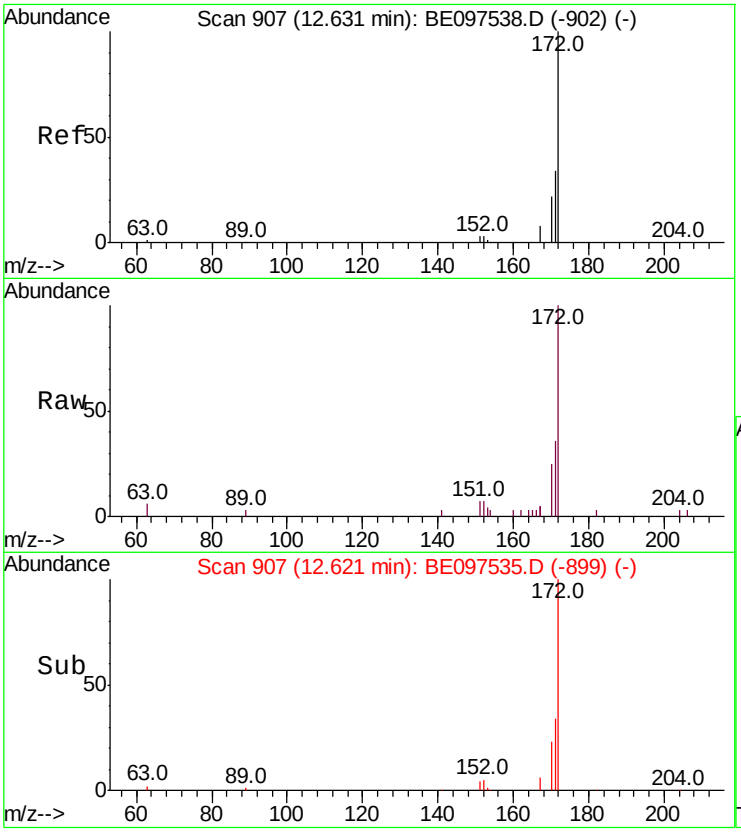


#14
2,4,6-Tribromophenol
Concen: 0.421 ng
RT: 15.53 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:330 Resp: 386

Ion	Ratio	Lower	Upper
330	100		
332	94.8	152.7	229.1#
141	29.3	33.7	50.5#



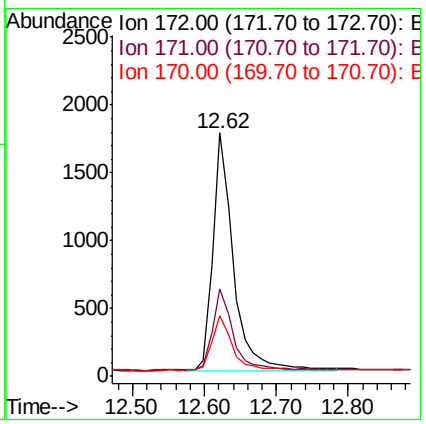


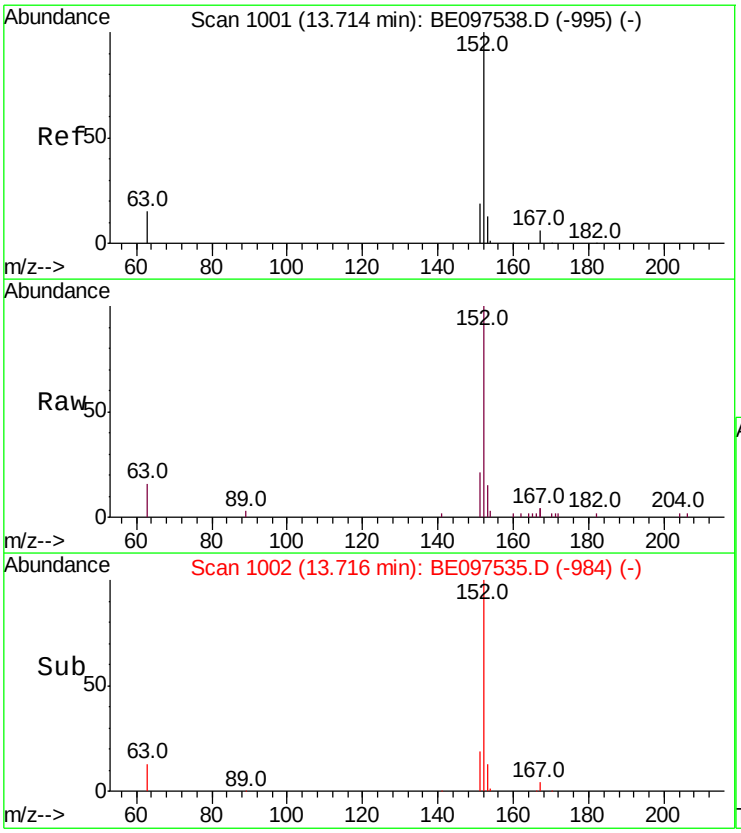
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3456

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	25.1	21.8	32.8

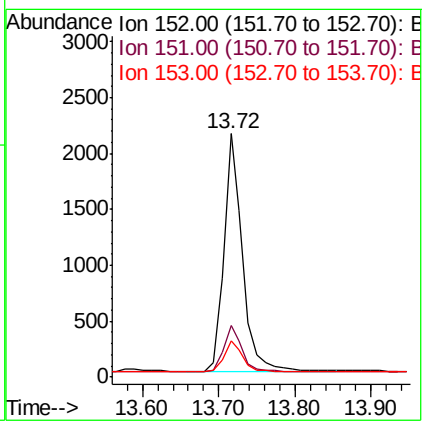


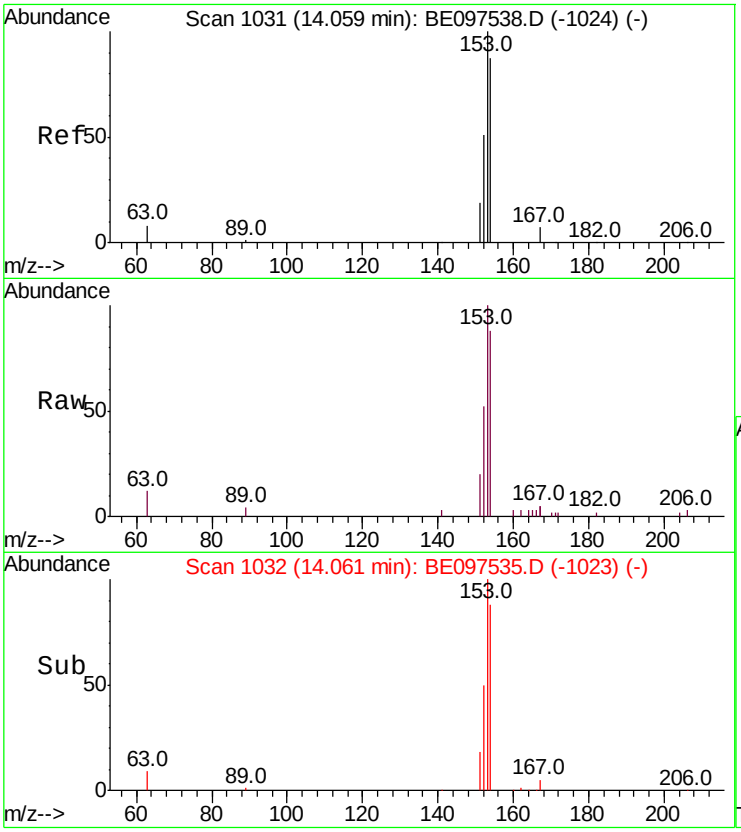


#16
Acenaphthylene
Concen: 0.386 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:152 Resp: 3682

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.3	10.5	15.7



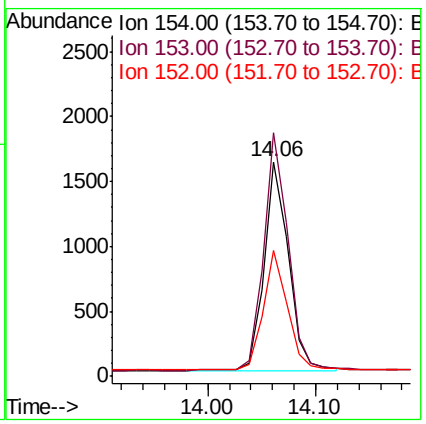


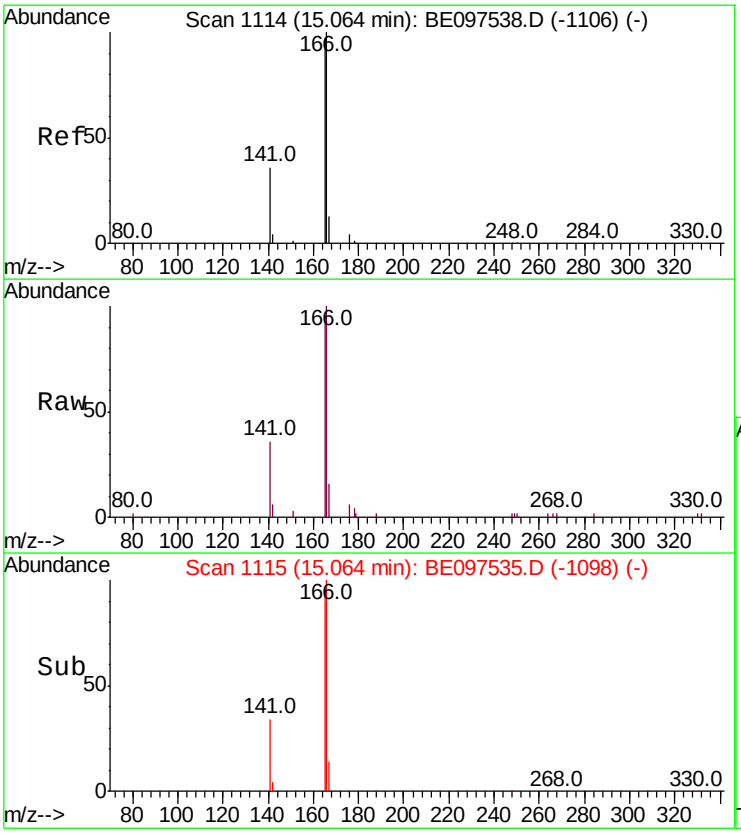
#17
Acenaphthene
Concen: 0.393 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2515

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.2	133.8
152	57.1	42.0	63.0

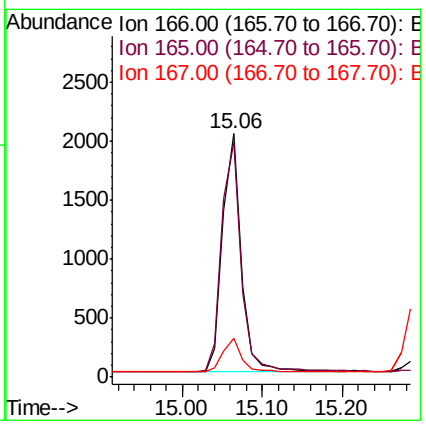


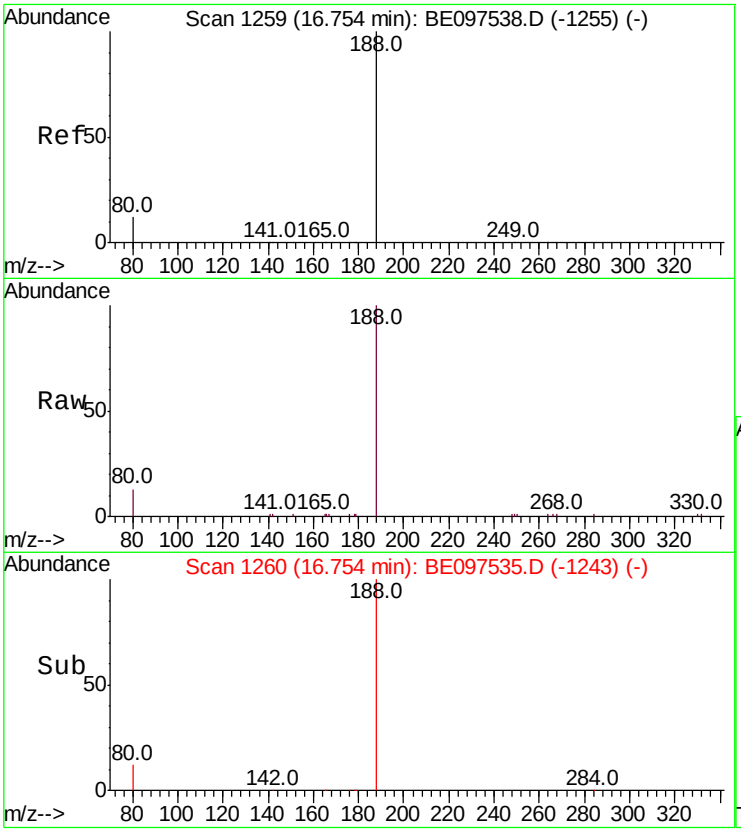


#18
Fluorene
Concen: 0.388 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:166 Resp: 3238

Ion	Ratio	Lower	Upper
166	100		
165	101.1	77.8	116.6
167	13.5	42.4	63.6#



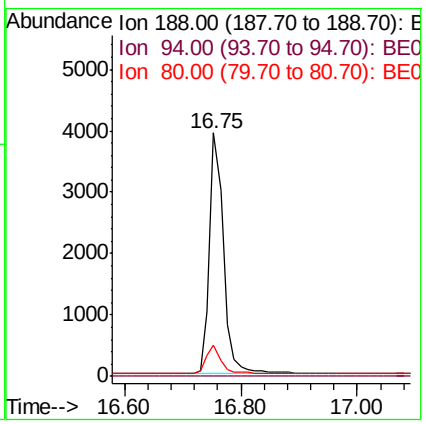


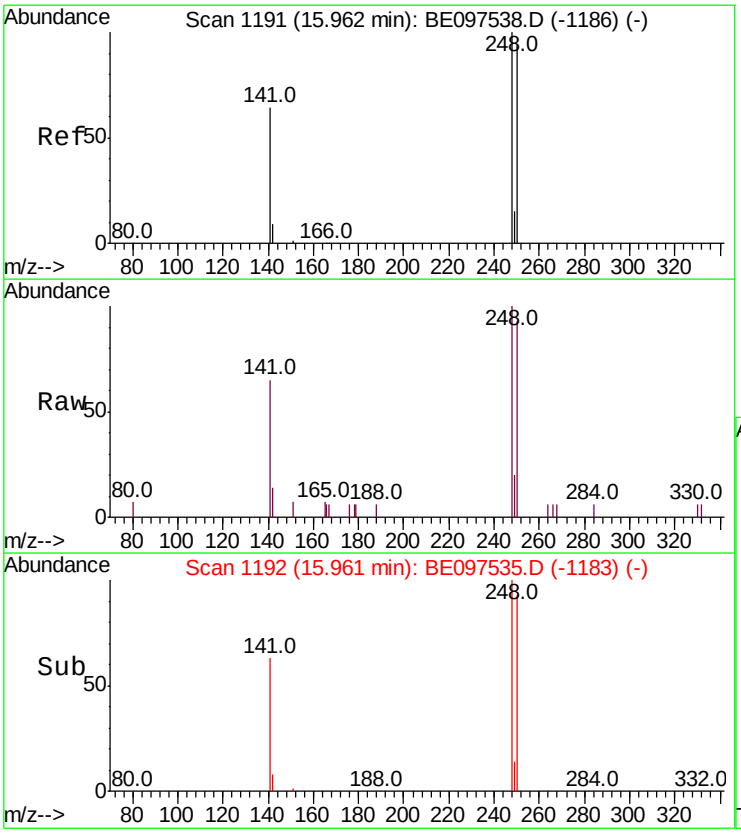
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6568

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.0	3.6	5.4#

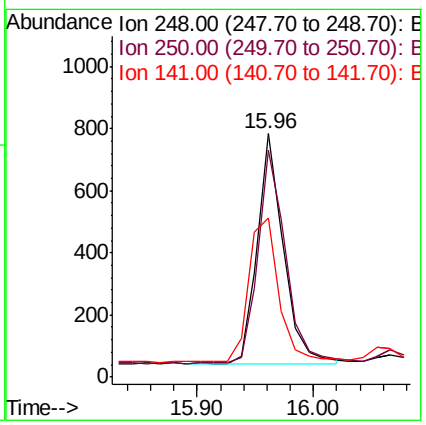


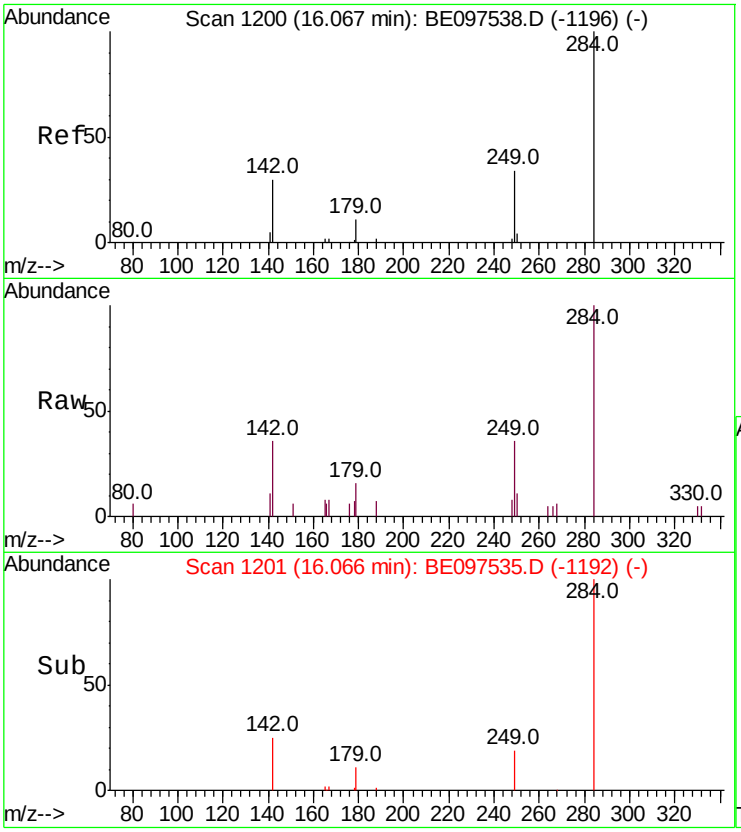


#20
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:248 Resp: 1166

Ion	Ratio	Lower	Upper
248	100		
250	93.1	62.7	94.1
141	65.3	48.2	72.2



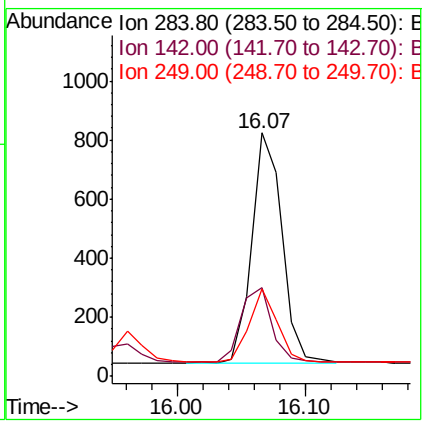


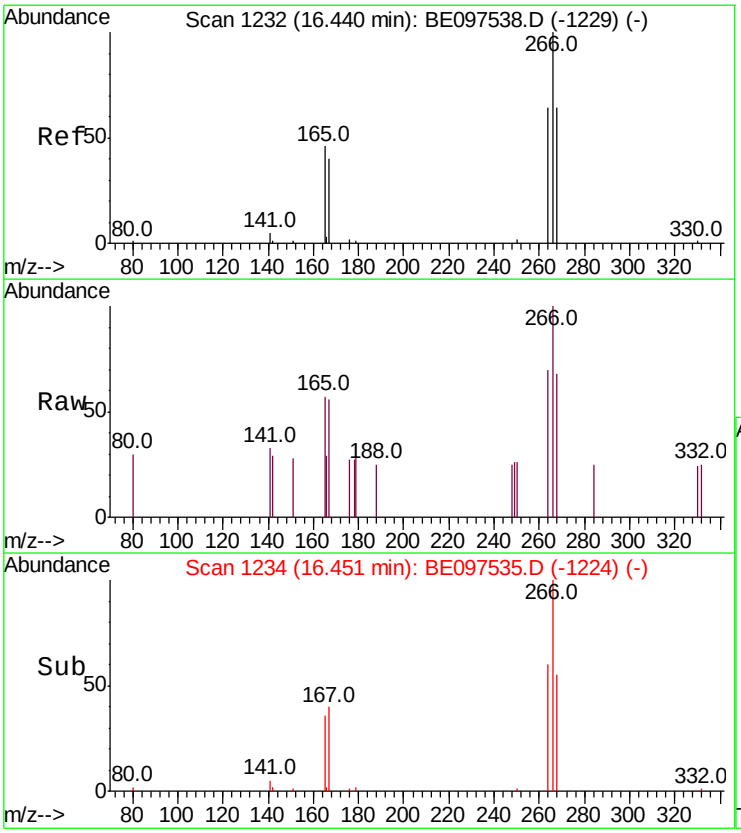
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1289

Ion	Ratio	Lower	Upper
284	100		
142	32.9	22.1	33.1
249	29.3	34.8	52.2#

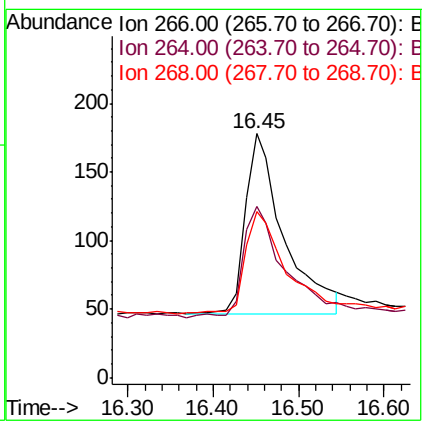


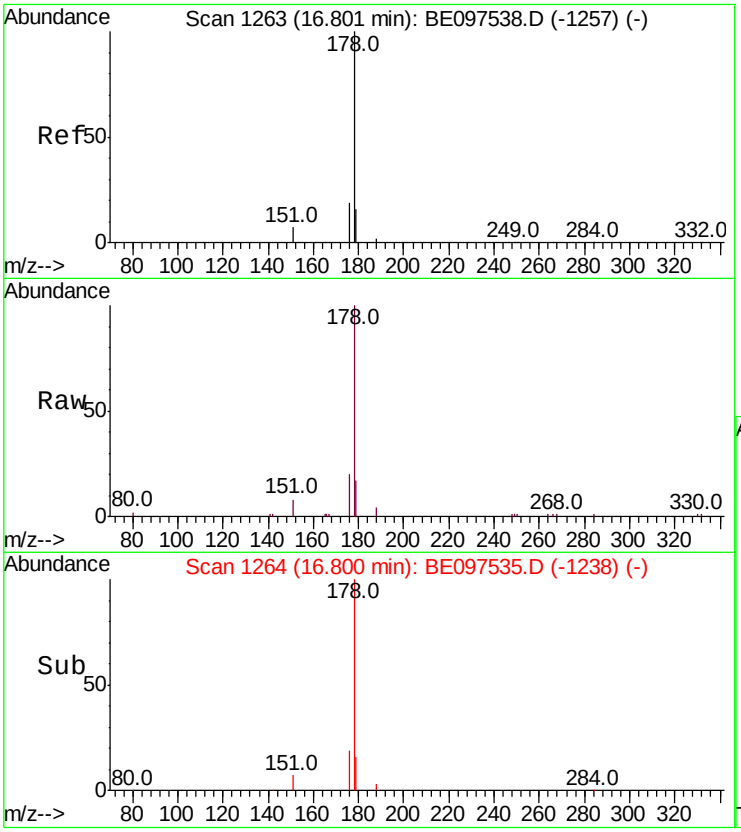


#22
Pentachlorophenol
Concen: 0.415 ng
RT: 16.45 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:266 Resp: 416

Ion	Ratio	Lower	Upper
266	100		
264	70.2	72.5	108.7#
268	68.0	73.8	110.6#



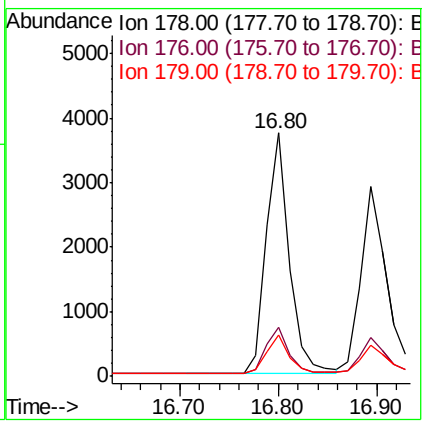


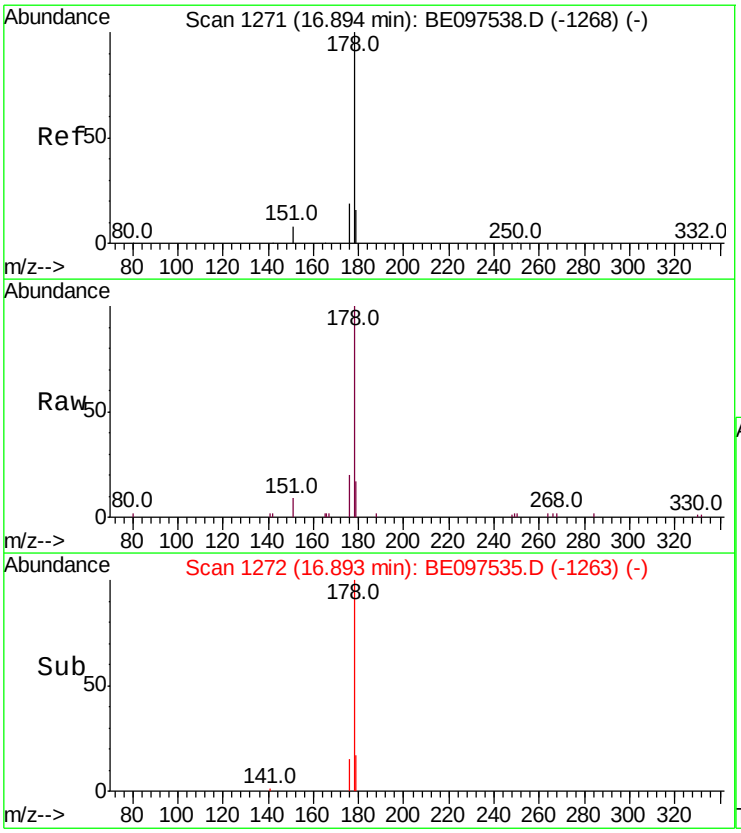
#23
Phenanthrene
Concen: 0.383 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 5979

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.8	11.8	17.6

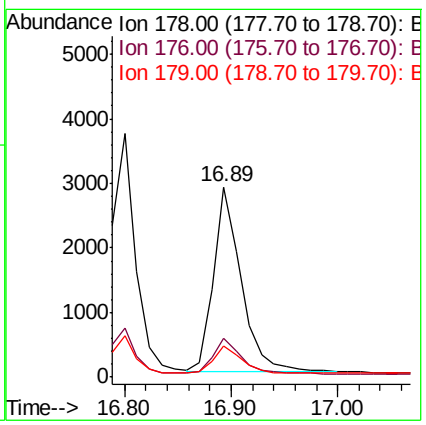


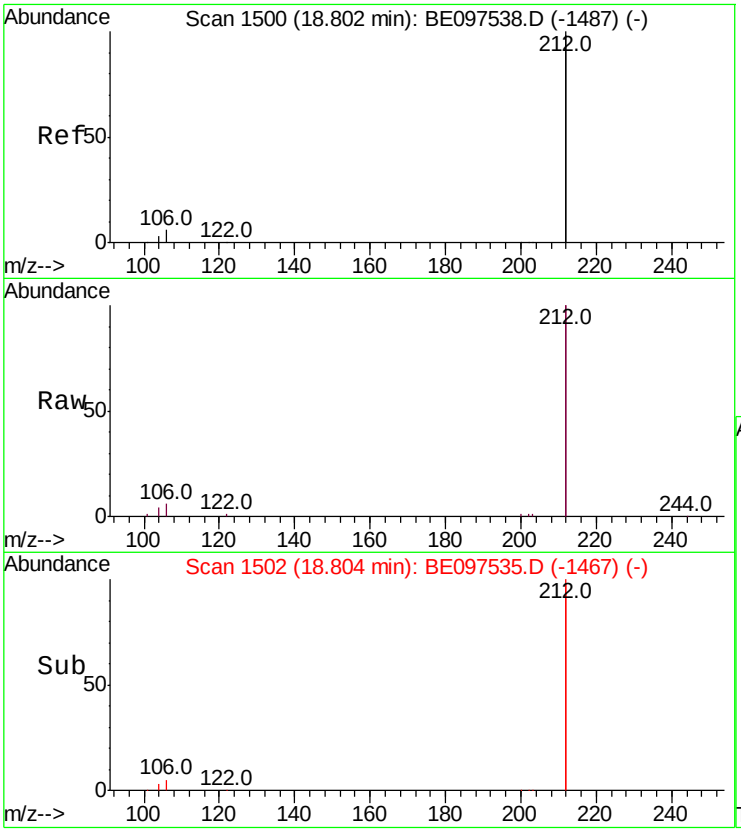


#24
Anthracene
Concen: 0.374 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:178 Resp: 5151

Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	15.0	13.0	19.6



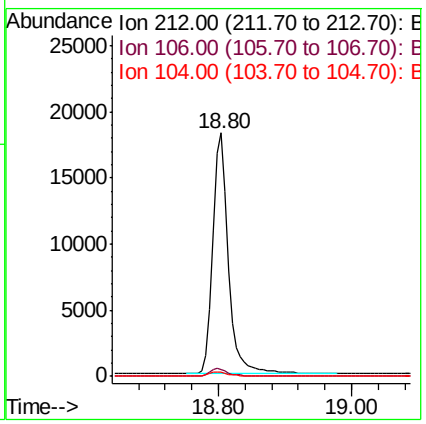


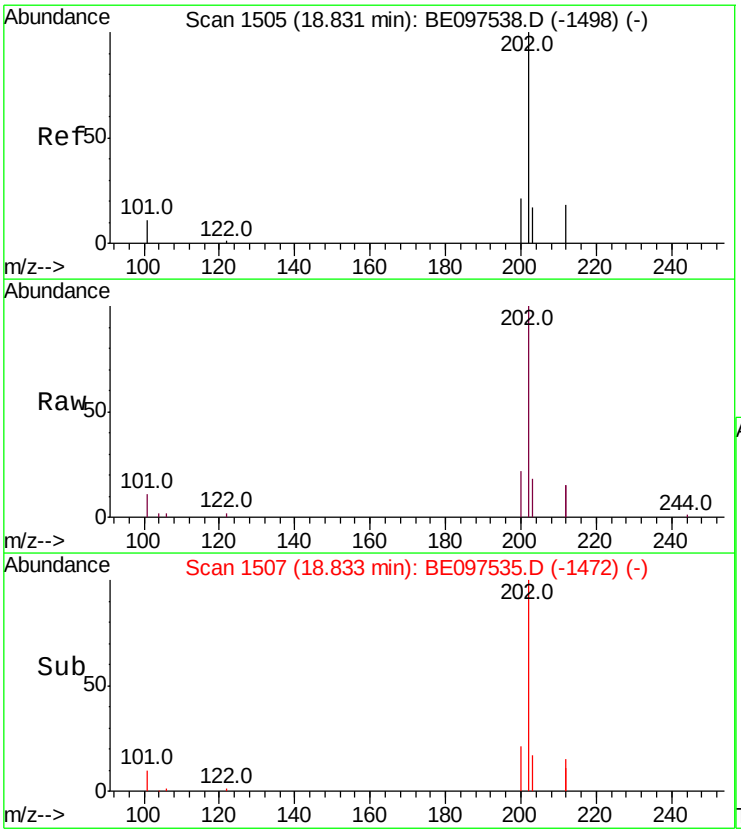
#25
Fluoranthene-d10
Concen: 0.354 ng
RT: 18.80 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 29751

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.8	1.6	2.4

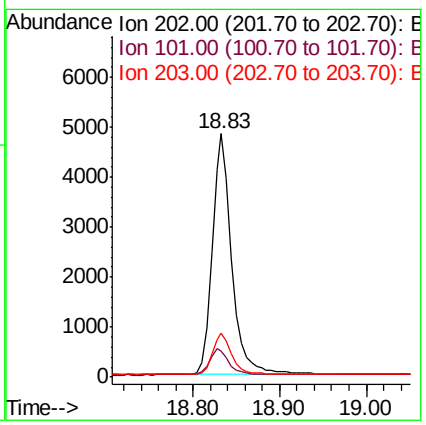


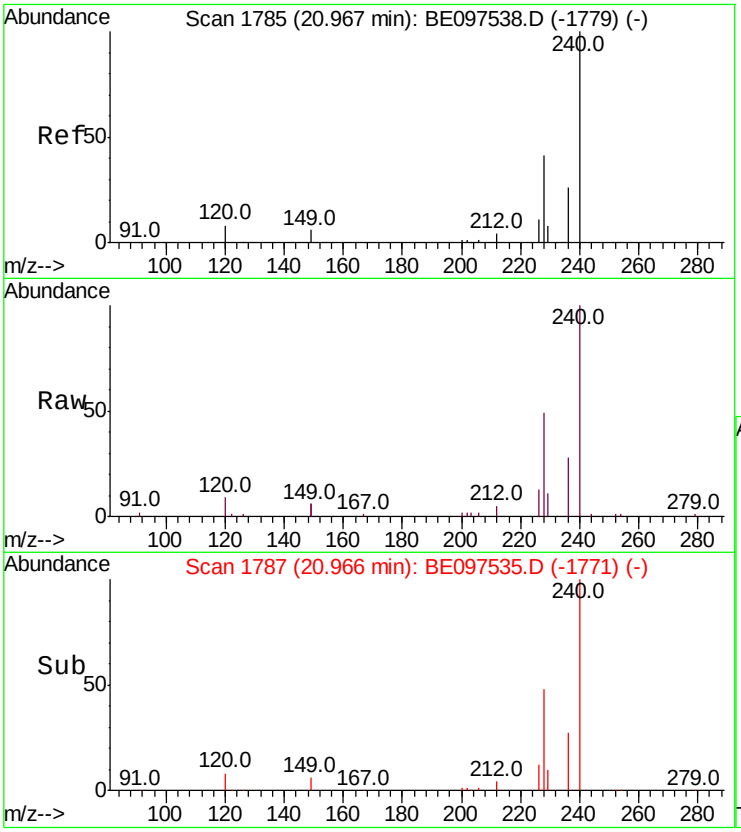


#26
Fluoranthene
Concen: 0.352 ng
RT: 18.83 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:202 Resp: 7623

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
203	17.0	13.7	20.5



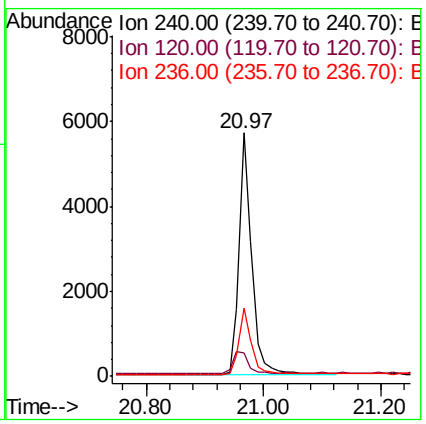


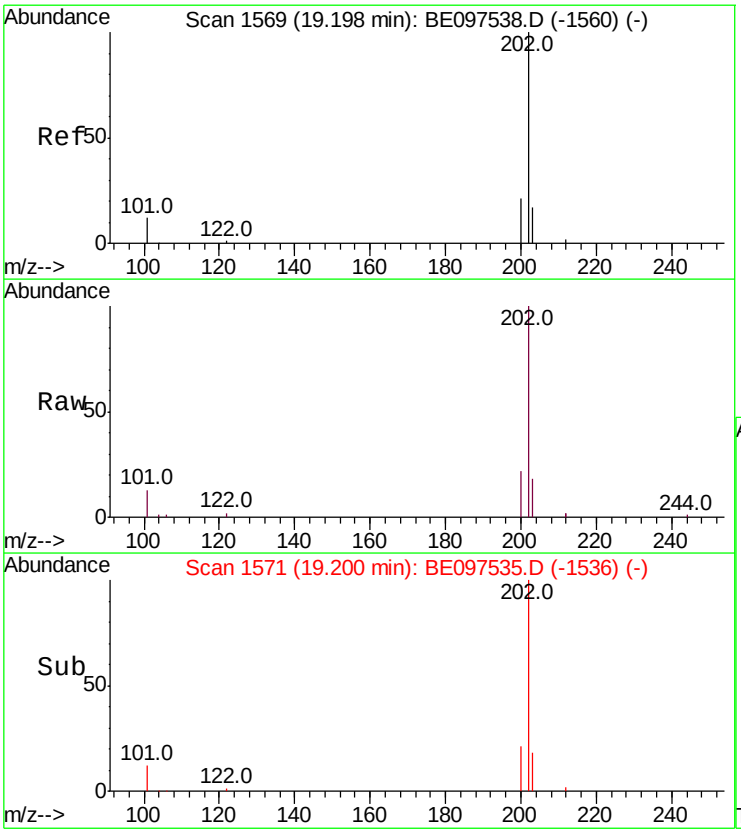
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8611

Ion	Ratio	Lower	Upper
240	100		
120	9.4	5.5	8.3#
236	27.8	20.7	31.1

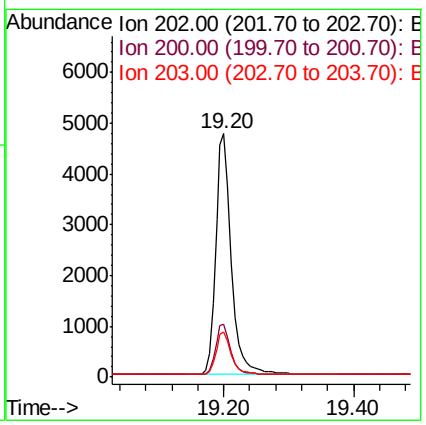


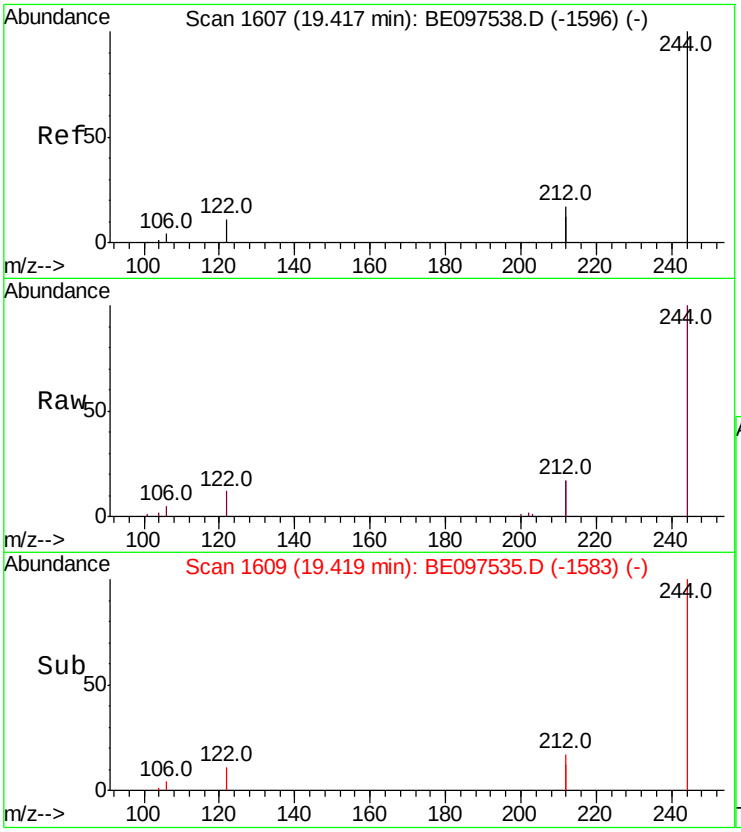


#28
Pyrene
Concen: 0.411 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:202 Resp: 8063

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.5	13.8	20.8



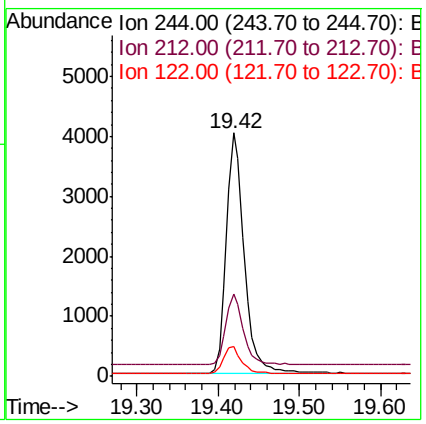


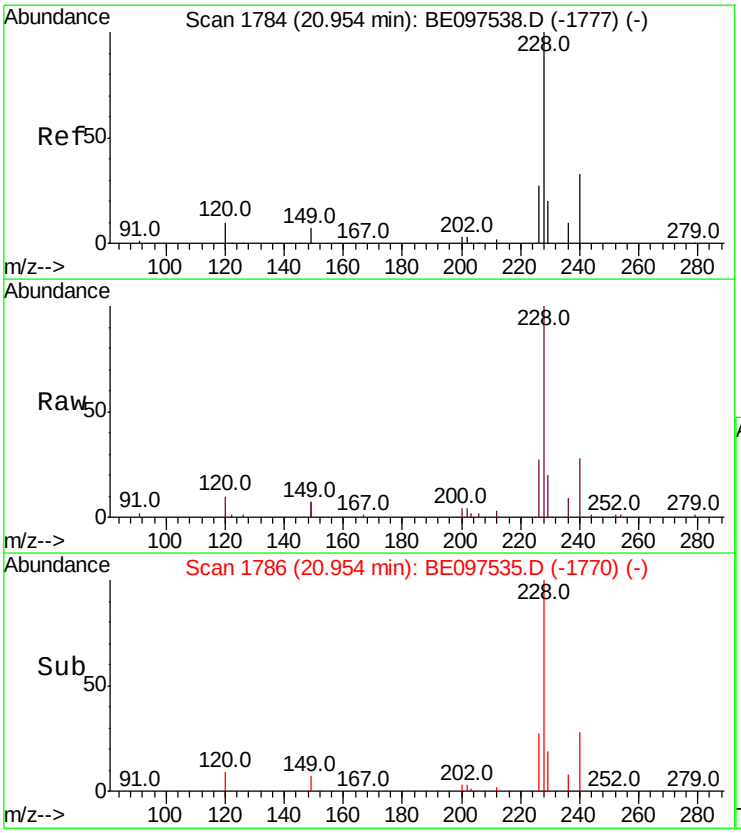
#29
Terphenyl-d14
Concen: 0.392 ng
RT: 19.42 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6172

Ion	Ratio	Lower	Upper
244	100		
212	33.8	25.4	38.0
122	12.0	8.1	12.1

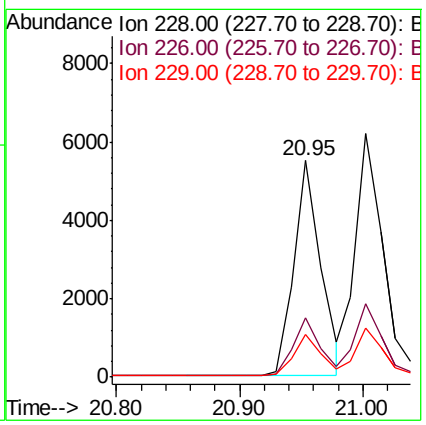


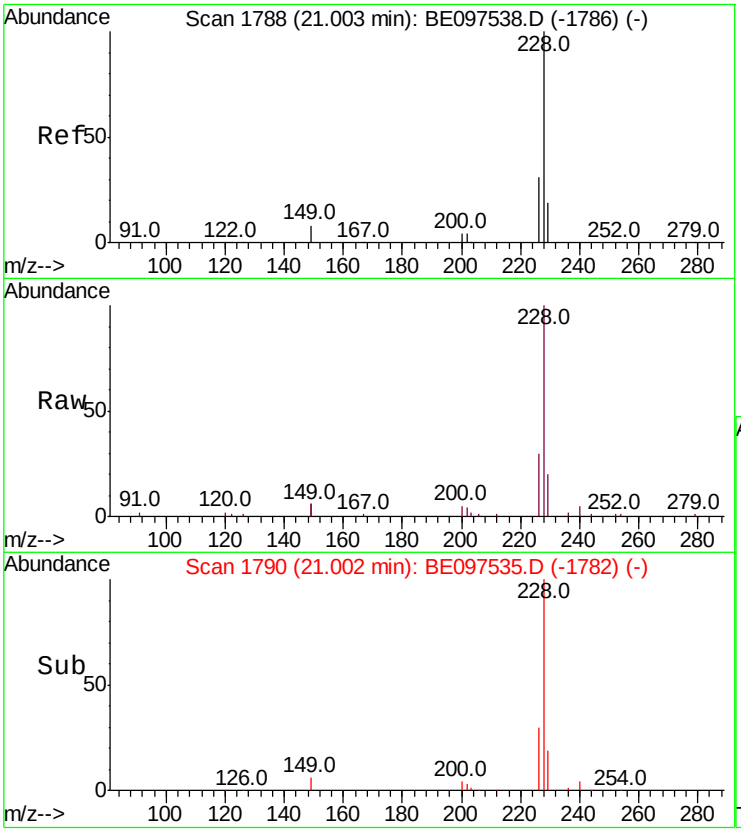


#30
Benzo(a)anthracene
Concen: 0.383 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:228 Resp: 8302

Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.0	36.0
229	19.9	16.0	24.0



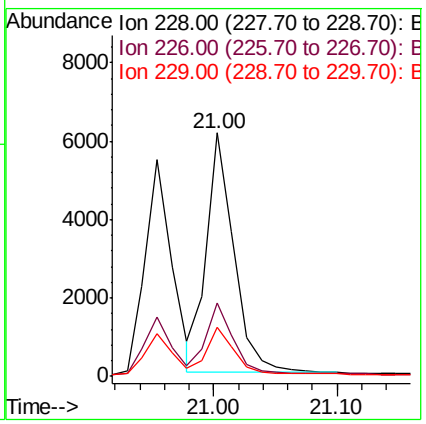


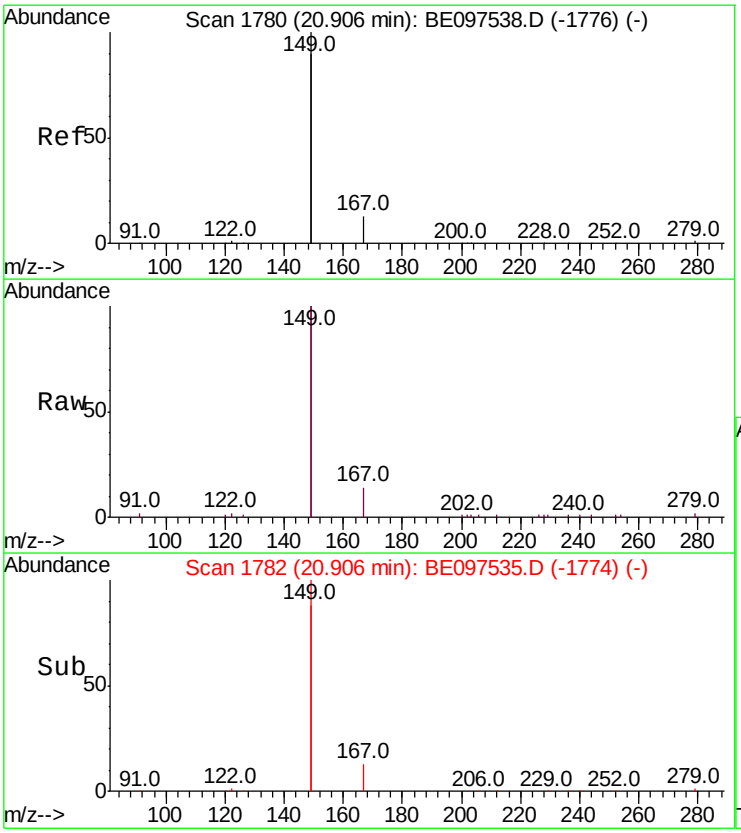
#31
Chrysene
Concen: 0.409 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9503

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.9	16.0	24.0

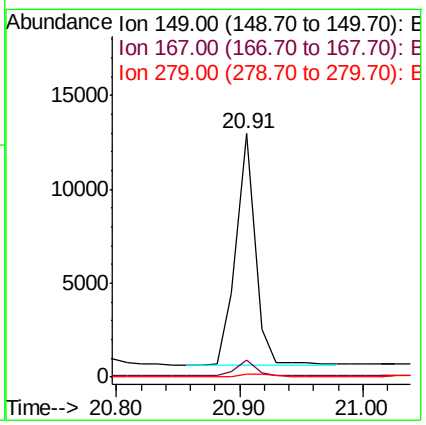


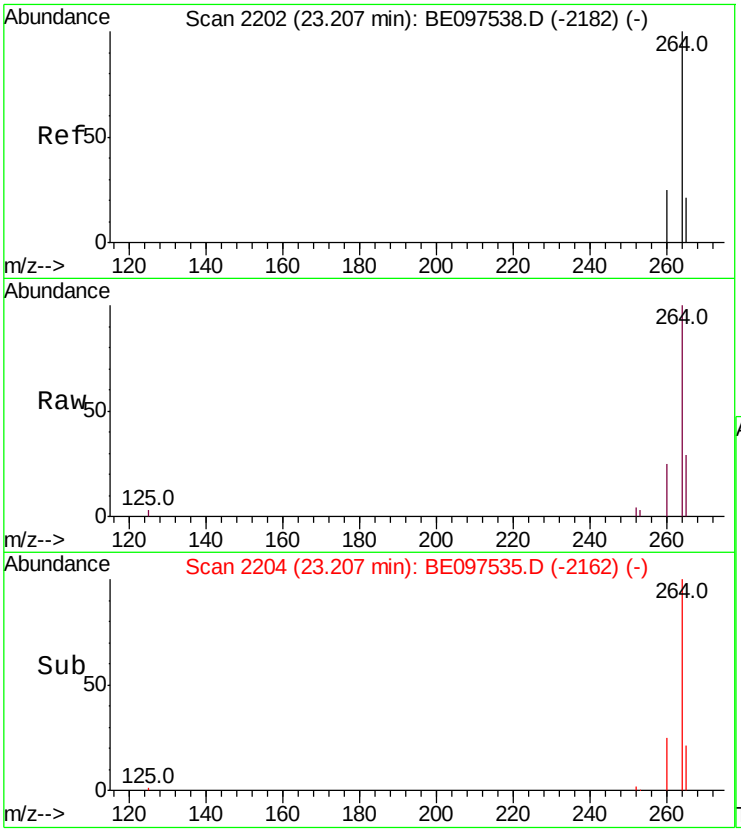


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.380 ng
RT: 20.91 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:149 Resp: 13448

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.2	0.7	1.1#



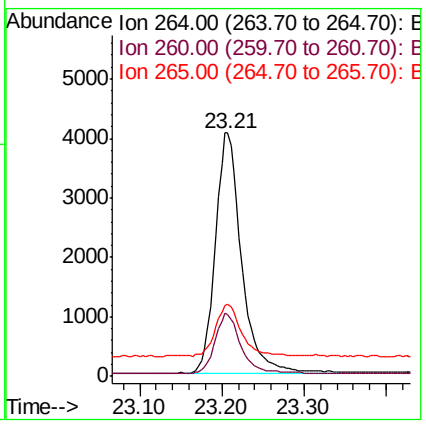


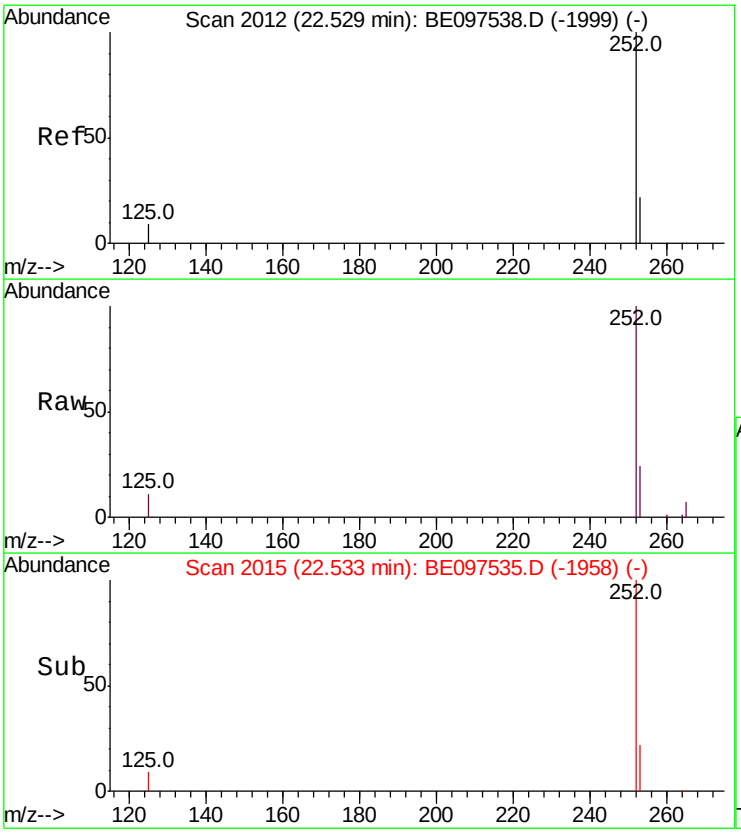
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 8885

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	29.4	22.8	34.2

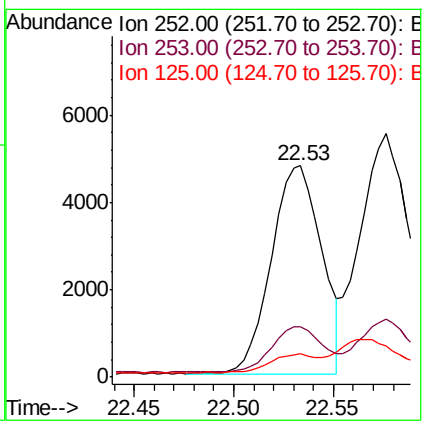


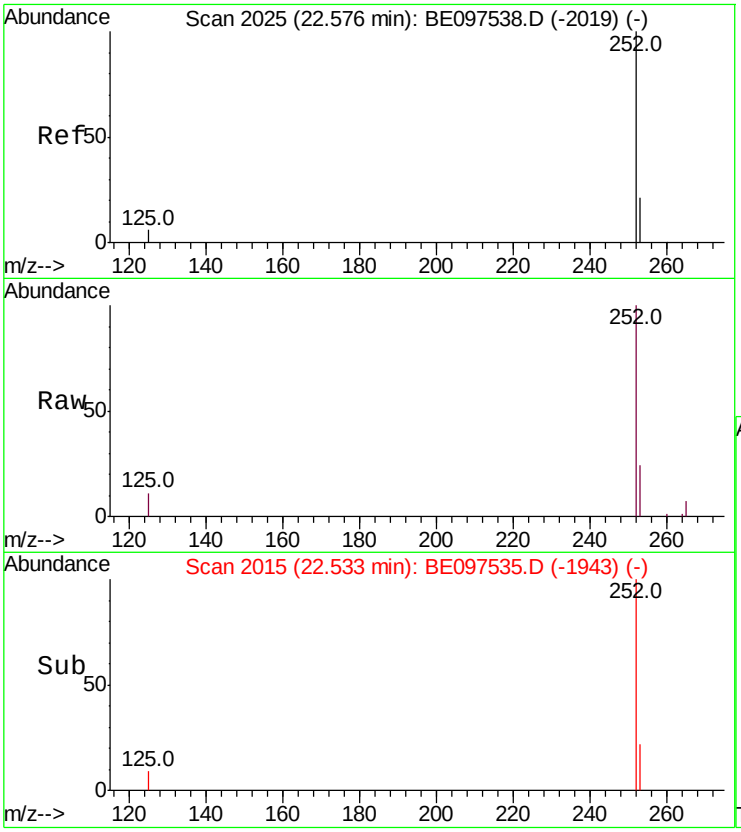


#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 22.53 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:252 Resp: 8324

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.0	30.0
125	10.8	16.0	24.0#



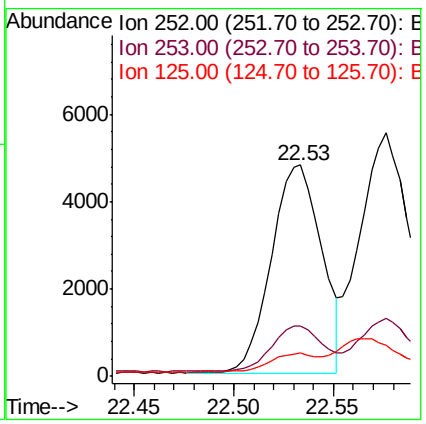


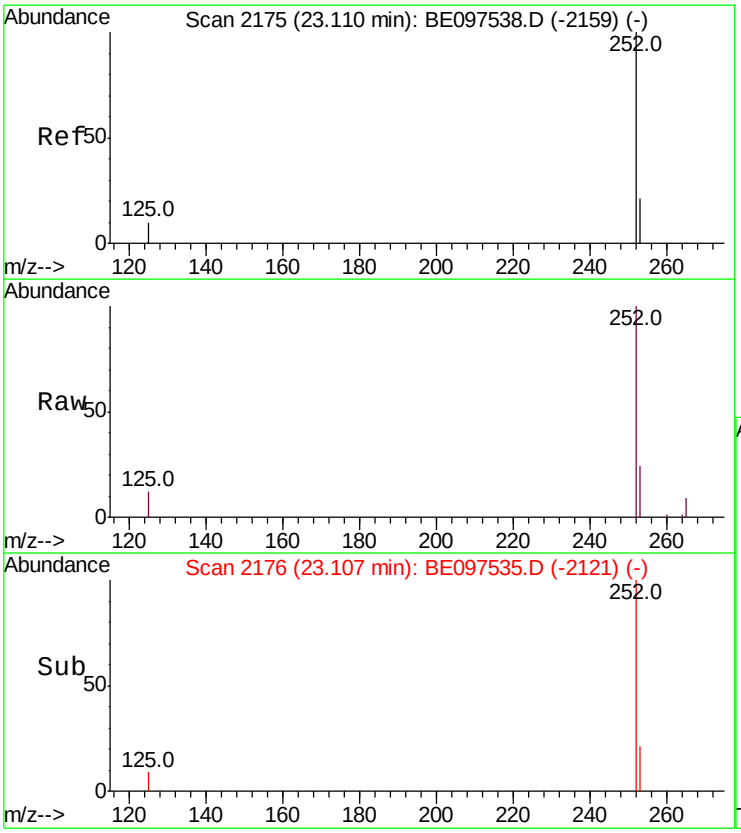
#36
Benzo(k)fluoranthene
Concen: 0.320 ng
RT: 22.53 min Scan# 2015
Delta R.T. -0.04 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8324

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	10.8	8.0	12.0





#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE097535.D
Acq: 19 Sep 2018 11:37

Tgt Ion:252 Resp: 8634

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.0	24.0#
125	12.5	12.0	18.0