Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097488.D
Acq On : 17 Sep 2018 9:27
Operator : SJ/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DFTPP

Quant Time: Sep 18 10:46:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 18:57:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	11	0.40	ng		0.00
7) Naphthalene-d8	10.11	136	4	0.40	ng		-0.02
13) Acenaphthene-d10	13.99	164	9	0.40	ng		-0.02
19) Phenanthrene-d10	16.71	188	4	0.40	ng		-0.05
27) Chrysene-d12	20.91	240	15	0.40	ng		-0.05
34) Perylene-d12	23.13	264	35	0.40	ng		-0.07
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	9	0.24	ng		0.00
5) Phenol-d6	6.60	99	91	1.92	ng		-0.01
8) Nitrobenzene-d5	8.43	82	12	3.73	ng		-0.10
11) 2-Methylnaphthalene-d10	11.71	152	6	1.05	ng		0.00
14) 2,4,6-Tribromophenol	15.51	330	9	1.89	ng		-0.01
15) 2-Fluorobiphenyl	12.61	172	12	0.38	ng		0.00
25) Fluoranthene-d10	18.73	212	8	0.17	ng		-0.07
29) Terphenyl-d14	19.41	244	21	0.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	41	2.155	ng	#	1
3) n-Nitrosodimethylamine	3.40	42	25	1.572	ng	#	67
6) bis(2-Chloroethyl)ether	6.81	93	10	0.265	ng	#	1
9) Naphthalene	10.15	128	5	0.138	ng	#	1
10) Hexachlorobutadiene	10.43	225	16	9.283	ng	#	80
12) 2-Methylnaphthalene	11.84	142	10	1.722	ng		88
16) Acenaphthylene	13.72	152	21	0.536	ng	#	1
17) Acenaphthene	14.04	154	10	0.414	ng	#	5
18) Fluorene	15.03	166	14	0.454	ng	#	83
20) 4-Bromophenyl-phenylether	15.91	248	6	3.107	ng	#	78
21) Hexachlorobenzene	16.01	284	2	0.977	ng	#	1
22) Pentachlorophenol	16.42	266	10609	285.780	ng	#	74
23) Phenanthrene	16.75	178	10	1.063	ng	#	1
24) Anthracene	16.82	178	13	1.497	ng	#	37
26) Fluoranthene	18.78	202	7	0.571	ng	#	1
28) Pyrene	19.16	202	25	0.648	ng	#	25
30) Benzo(a)anthracene	20.92	228	24	0.609	ng	#	36
31) Chrysene	20.95	228	20	0.494	ng	#	58
32) Bis(2-ethylhexyl)phthalate	20.86	149	25	0.298	ng	#	1
33) Indeno(1,2,3-cd)pyrene	25.43	276	13	0.269	ng	#	3
35) Benzo(b)fluoranthene	22.47	252	29	0.324	ng	#	1
36) Benzo(k)fluoranthene	22.51	252	25	0.256	ng	#	1
37) Benzo(a)pyrene	23.04	252	34	0.382	ng	#	1
38) Dibenzo(a,h)anthracene	25.44	278	27	0.291	ng	#	1
39) Benzo(g,h,i)perylene	26.12	276	25	0.264	ng	#	1

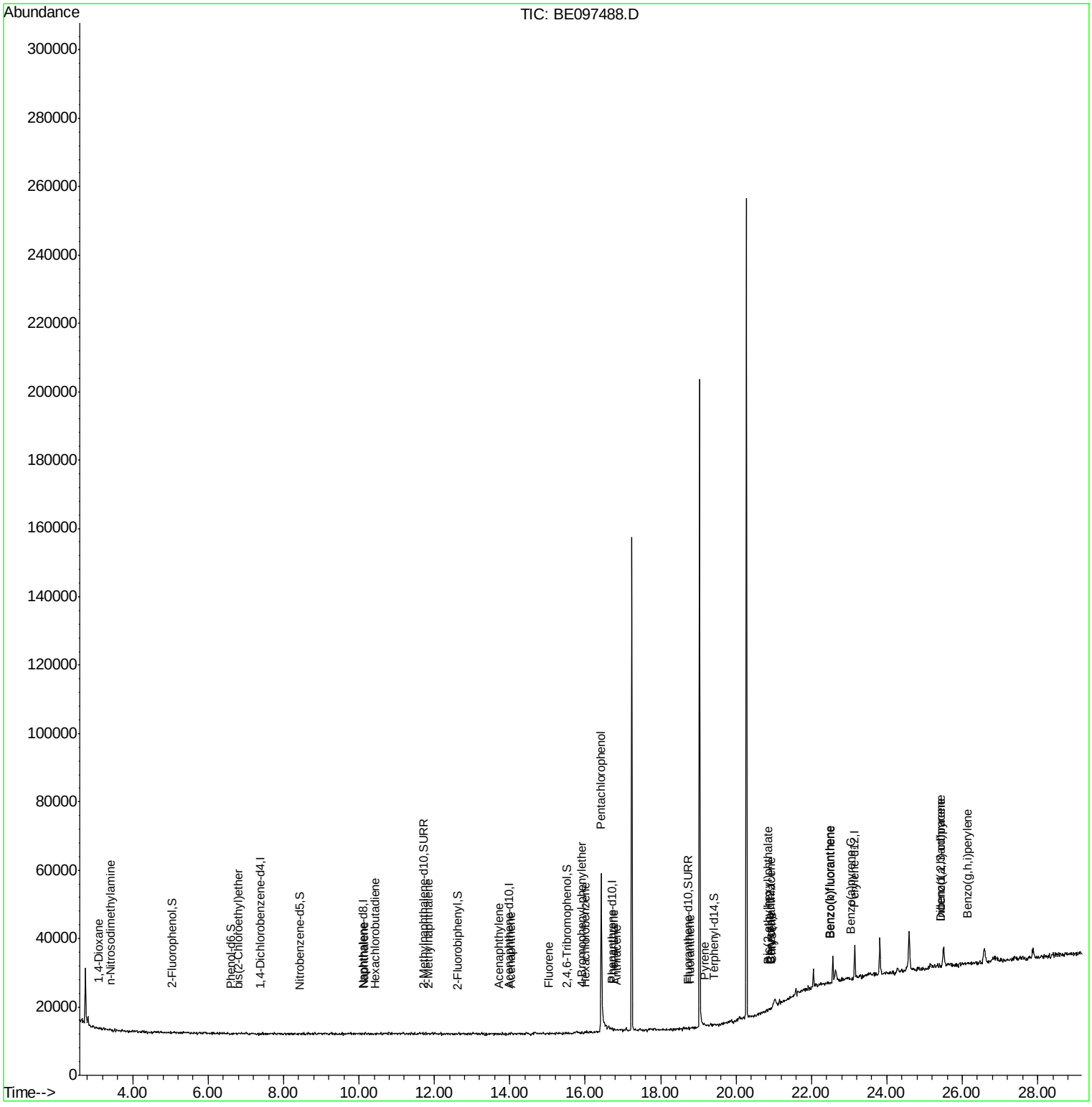
(#) = qualifier out of range (m) = manual integration (+) = signals summed

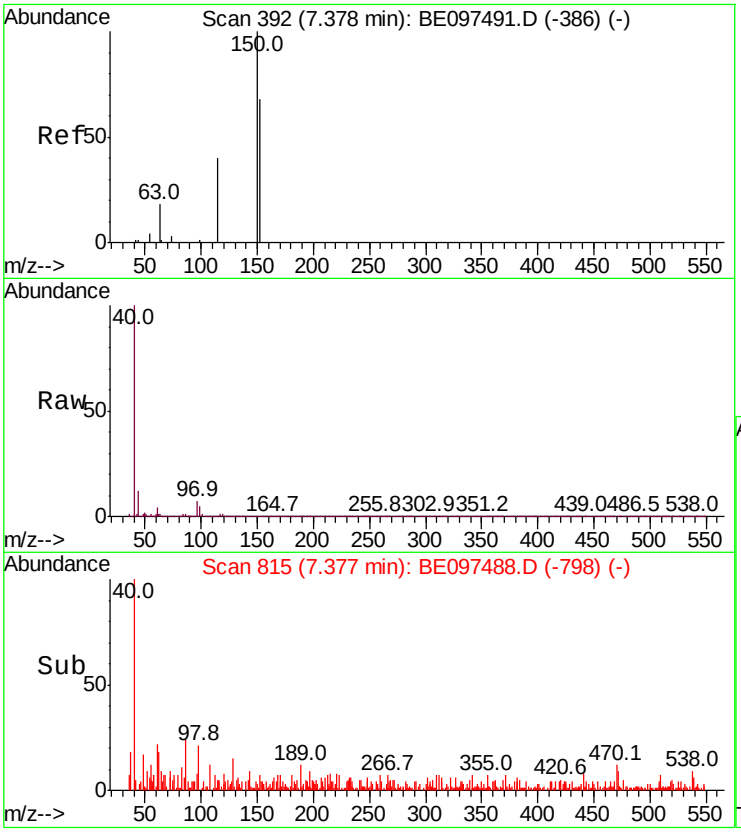
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097488.D
Acq On : 17 Sep 2018 9:27
Operator : SJ/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DFTPP

Quant Time: Sep 18 10:46:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 18:57:11 2018
Response via : Initial Calibration



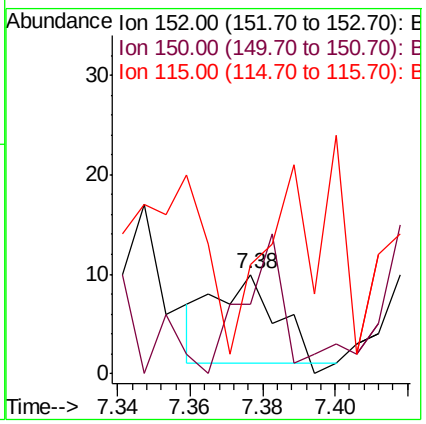


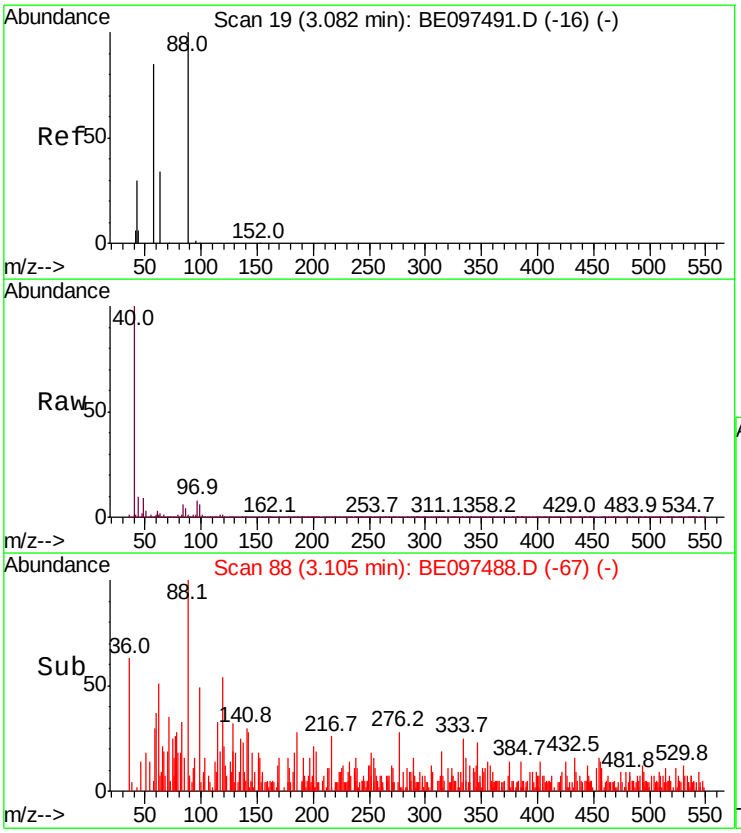
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 815
Delta R.T. -0.00 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 11

Ion	Ratio	Lower	Upper
152	100		
150	70.0	117.2	175.8#
115	110.0	57.0	85.6#

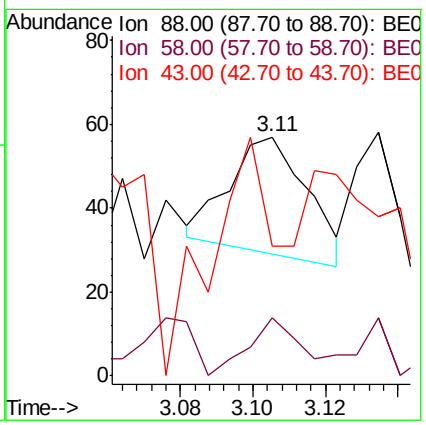


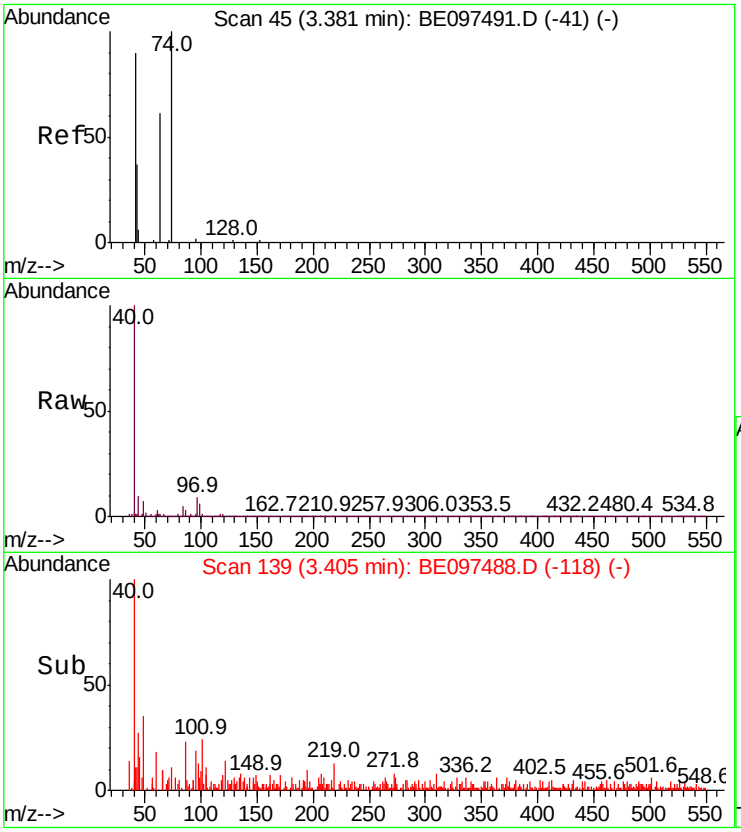


#2
1,4-Dioxane
Concen: 2.155 ng
RT: 3.11 min Scan# 88
Delta R.T. 0.02 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion: 88 Resp: 41

Ion	Ratio	Lower	Upper
88	100		
58	31.7	63.2	94.8#
43	182.9	41.2	61.8#



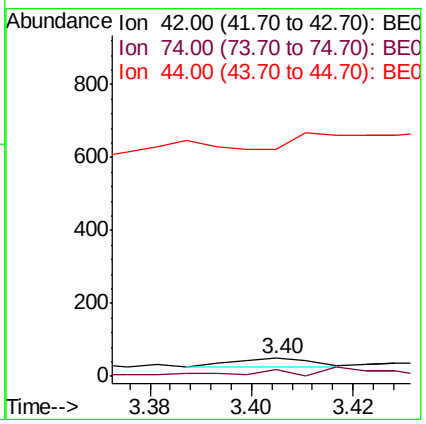


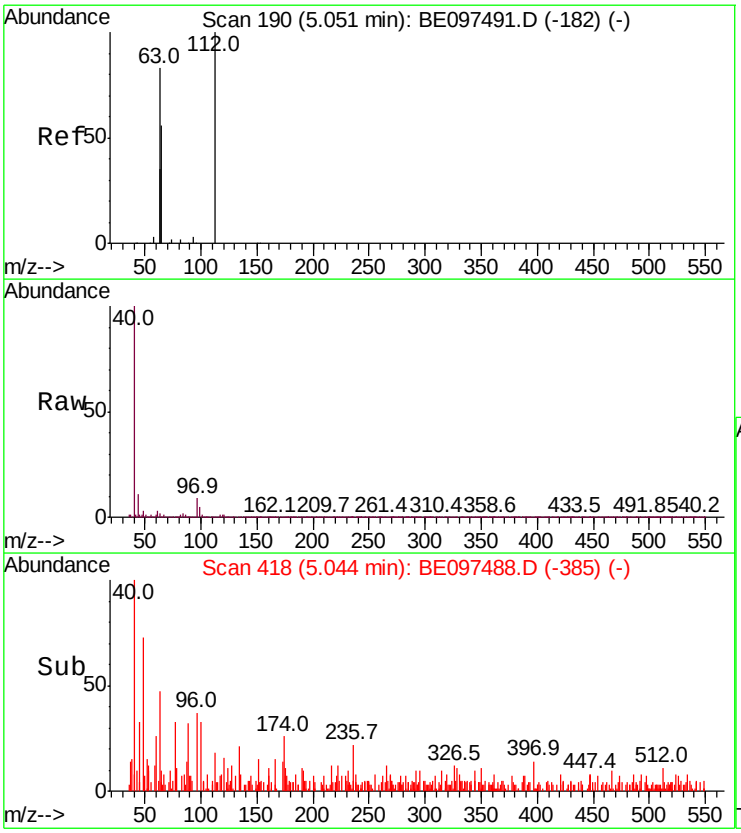
#3
n-Nitrosodimethylamine
Concen: 1.572 ng
RT: 3.40 min Scan# 139
Delta R.T. 0.02 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 42 Resp: 25

Ion	Ratio	Lower	Upper
42	100		
74	156.0	96.0	144.0#
44	0.0	12.0	18.0#

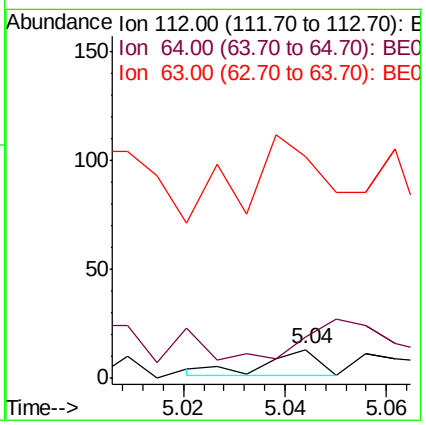


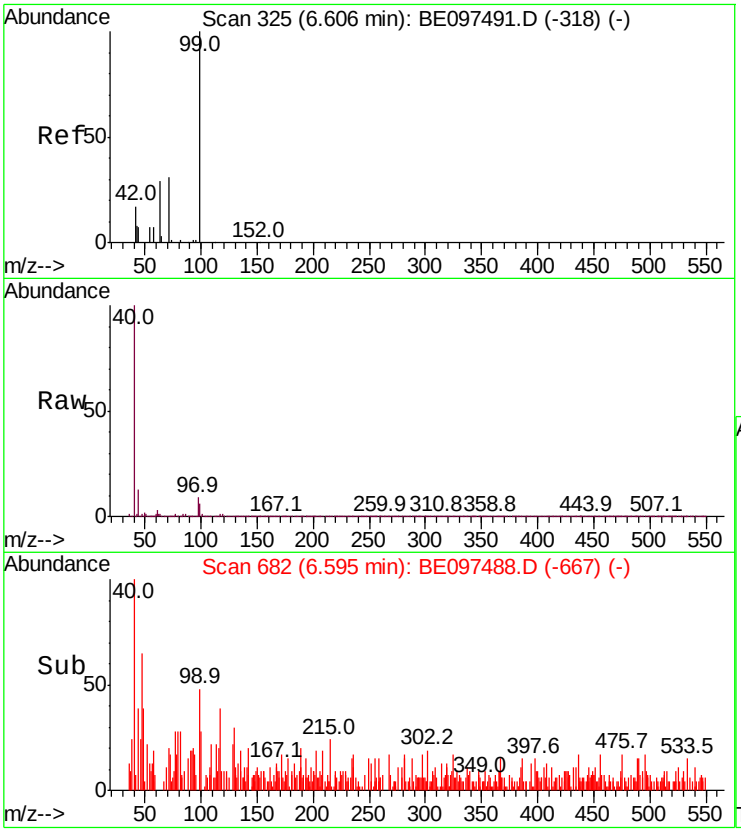


#4
2-Fluorophenol
Concen: 0.242 ng
RT: 5.04 min Scan# 418
Delta R.T. -0.01 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:112 Resp: 9

Ion	Ratio	Lower	Upper
112	100		
64	288.9	60.1	90.1#
63	588.9	116.8	175.2#



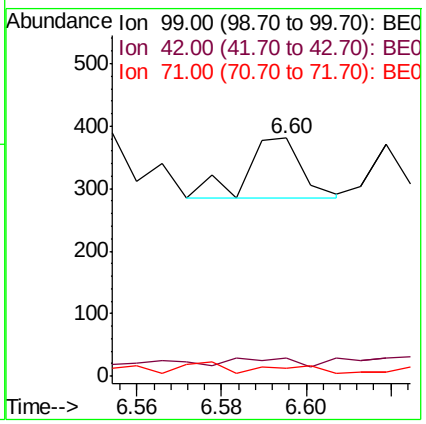


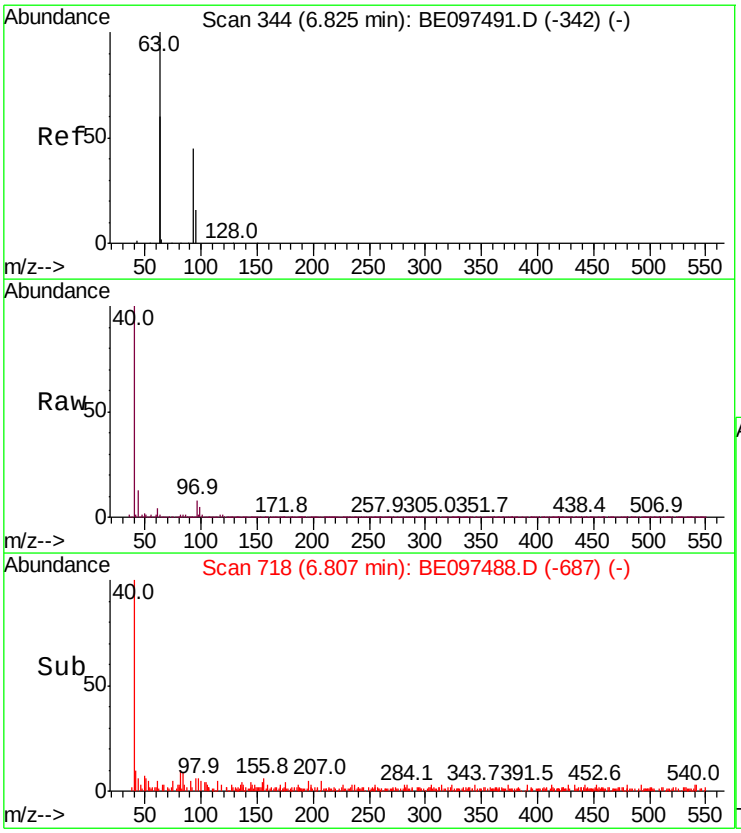
#5
Phenol-d6
Concen: 1.925 ng
RT: 6.60 min Scan# 682
Delta R.T. -0.01 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 91

Ion	Ratio	Lower	Upper
99	100		
42	16.5	20.2	30.2#
71	13.2	28.4	42.6#

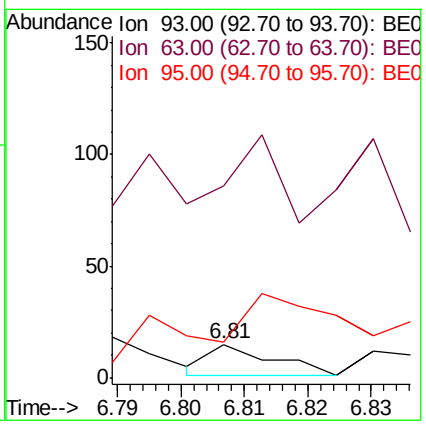


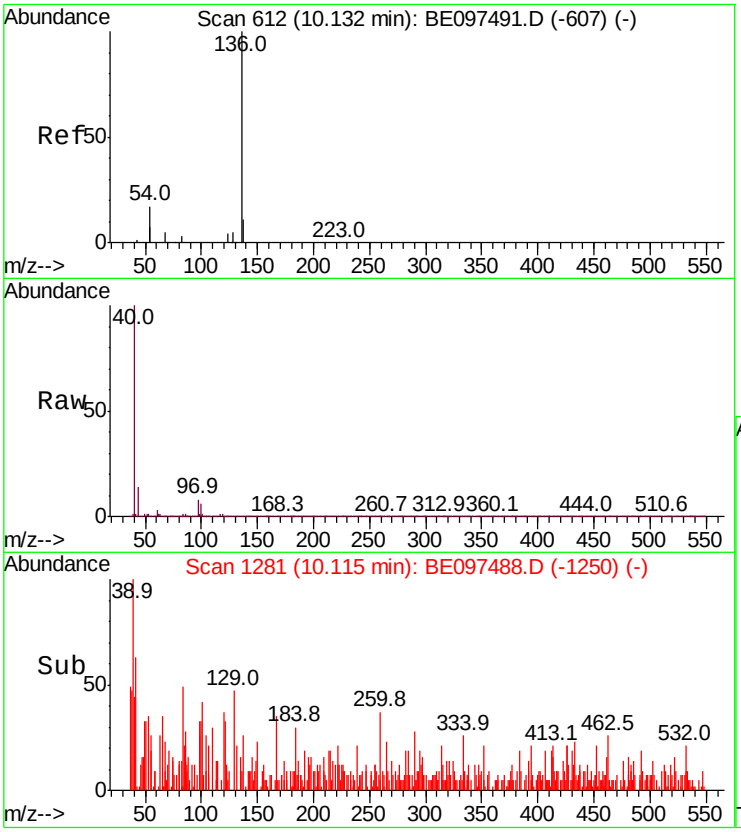


#6
bis(2-Chloroethyl)ether
Concen: 0.265 ng
RT: 6.81 min Scan# 718
Delta R.T. -0.02 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion: 93 Resp: 10

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	460.0	25.2	37.8#



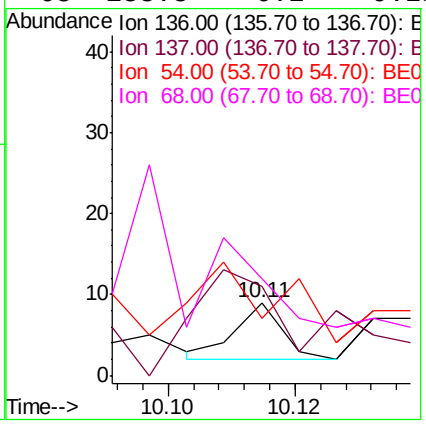


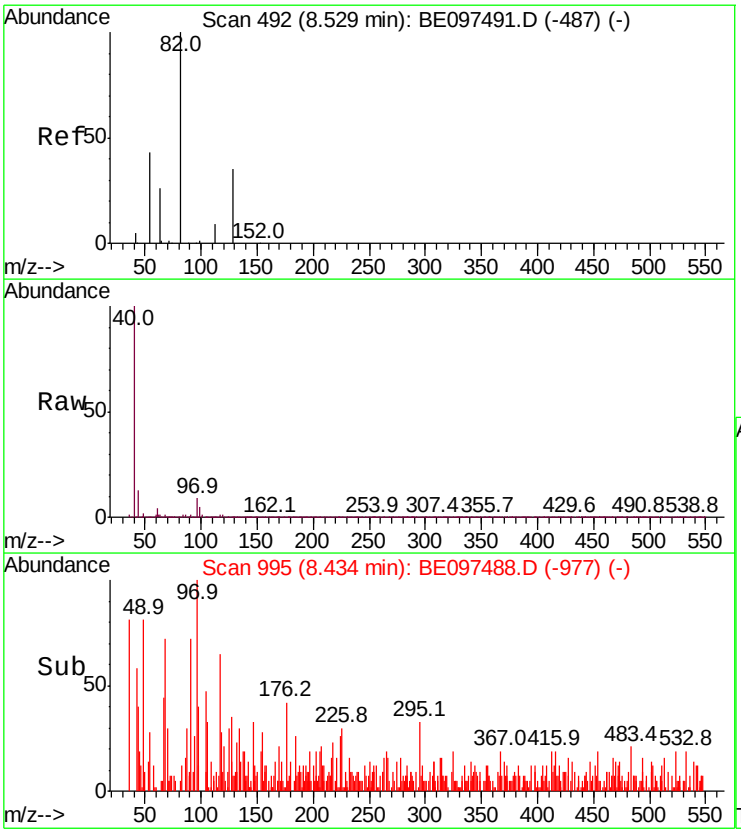
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.11 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:136 Resp: 4

Ion	Ratio	Lower	Upper
136	100		
137	177.8	9.5	14.3#
54	77.8	29.1	43.7#
68	133.3	6.2	9.2#

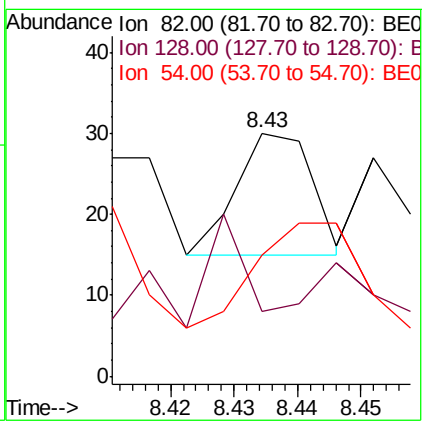


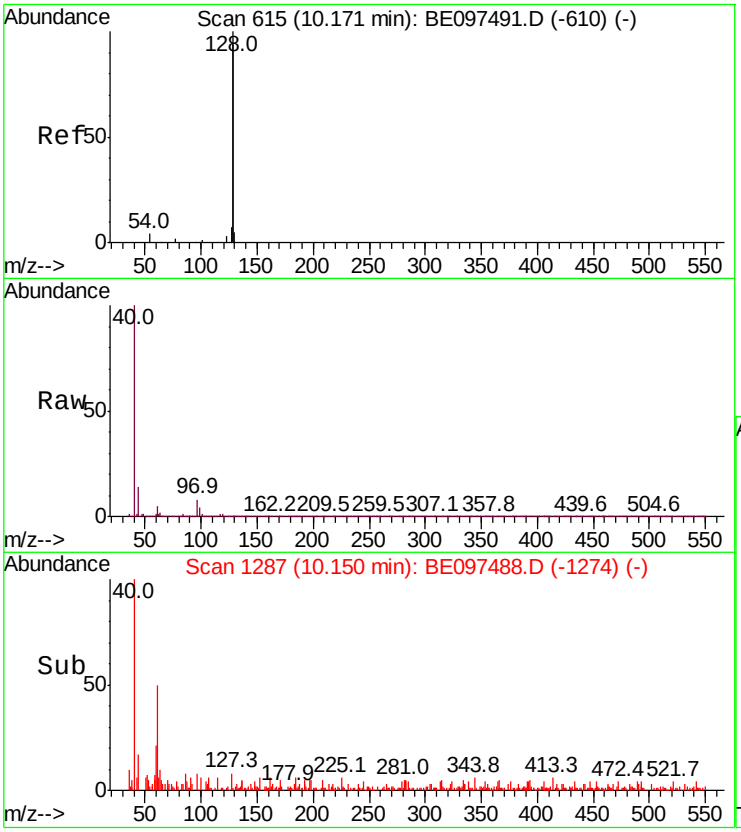


#8
Nitrobenzene-d5
Concen: 3.728 ng
RT: 8.43 min Scan# 995
Delta R.T. -0.10 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion: 82 Resp: 12

Ion	Ratio	Lower	Upper
82	100		
128	26.7	24.0	36.0
54	50.0	40.0	60.0



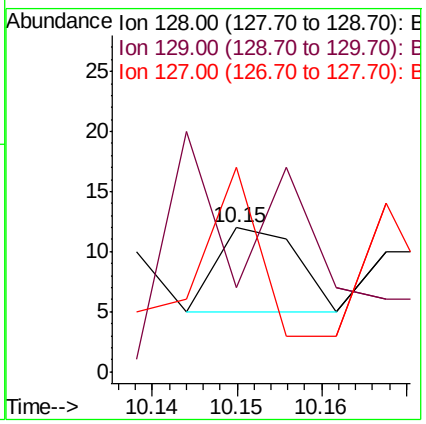


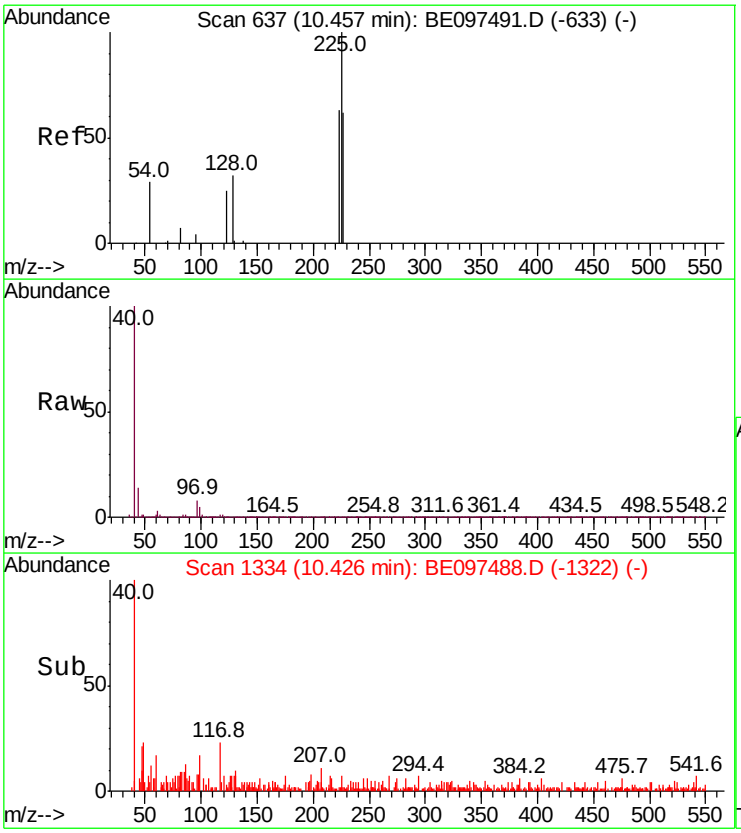
#9
Naphthalene
Concen: 0.138 ng
RT: 10.15 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:128 Resp: 5

Ion	Ratio	Lower	Upper
128	100		
129	50.0	2.6	3.8#
127	121.4	2.8	4.2#

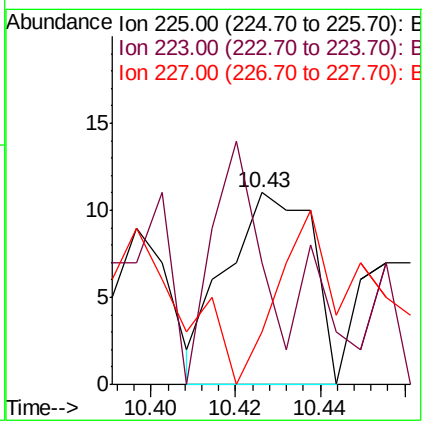


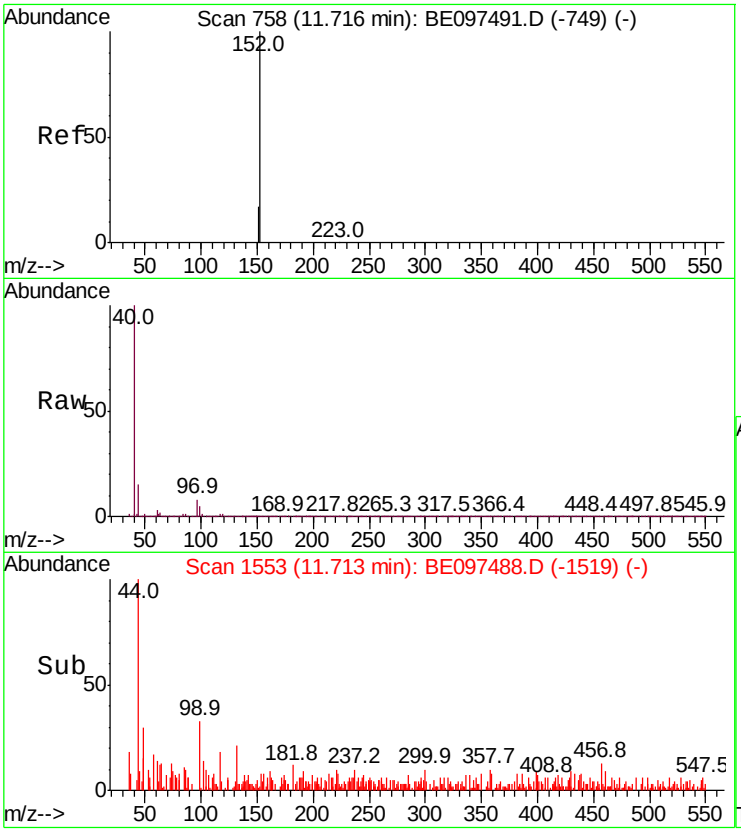


#10
Hexachlorobutadiene
Concen: 9.283 ng
RT: 10.43 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:225 Resp: 16

Ion	Ratio	Lower	Upper
225	100		
223	68.8	53.0	79.6
227	93.8	51.4	77.2#



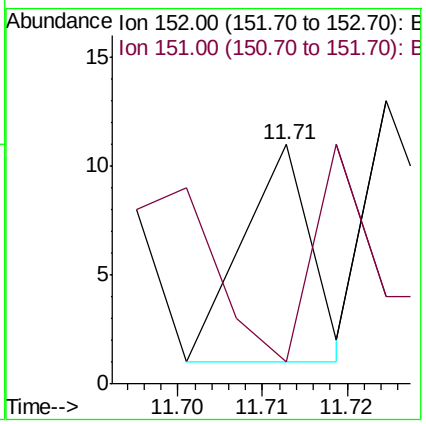


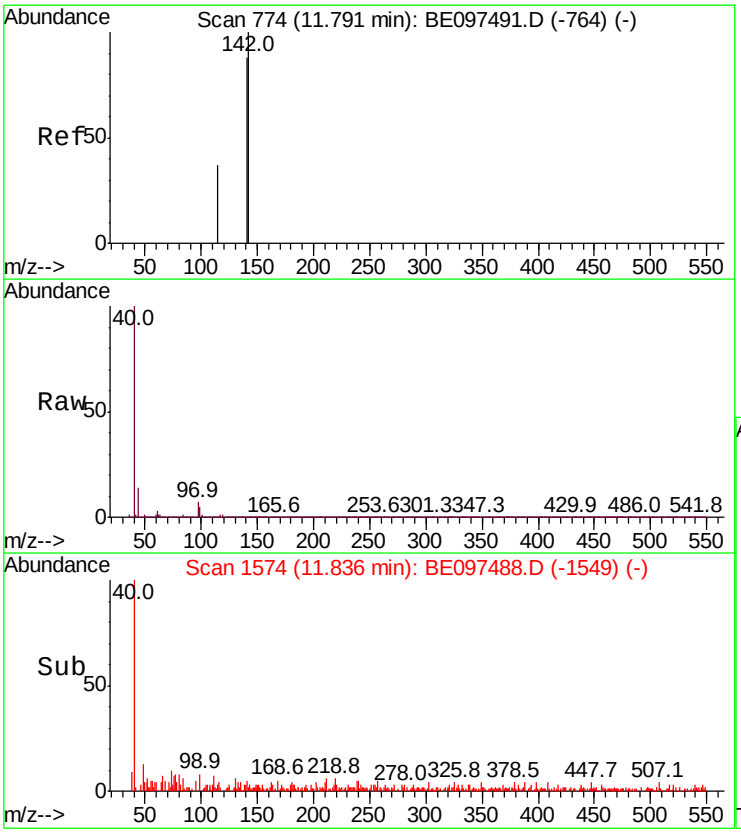
#11
2-Methylnaphthalene-d10
Concen: 1.050 ng
RT: 11.71 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 6

Ion	Ratio	Lower	Upper
152	100		
151	116.7	15.4	23.0#

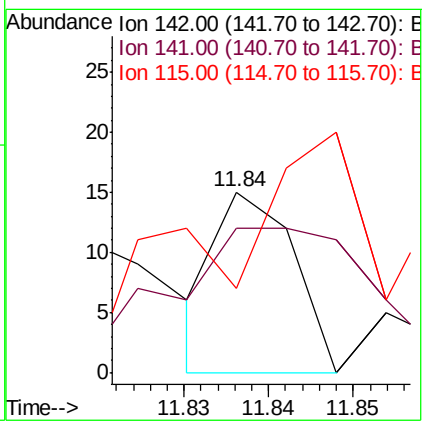


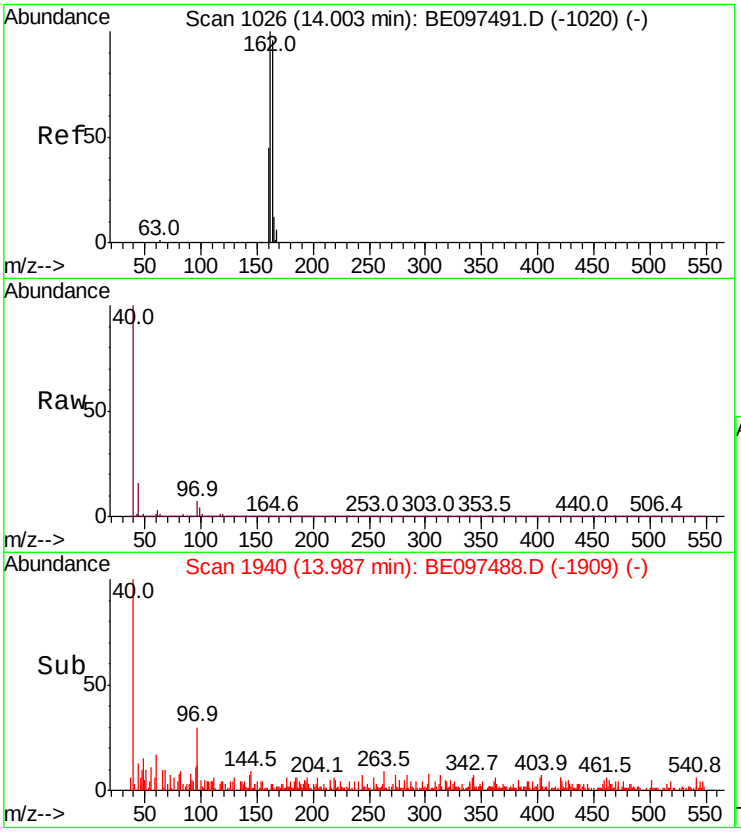


#12
2-Methylnaphthalene
Concen: 1.722 ng
RT: 11.84 min Scan# 1574
Delta R.T. 0.04 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:142 Resp: 10

Ion	Ratio	Lower	Upper
142	100		
141	100.0	70.4	105.6
115	46.7	31.7	47.5



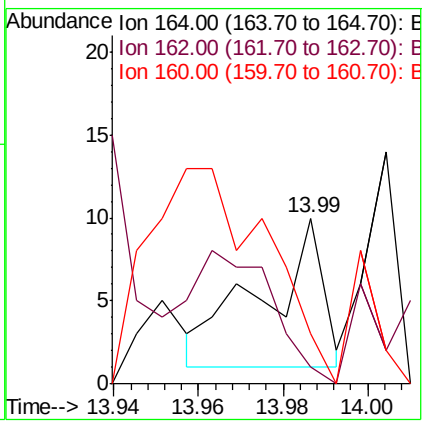


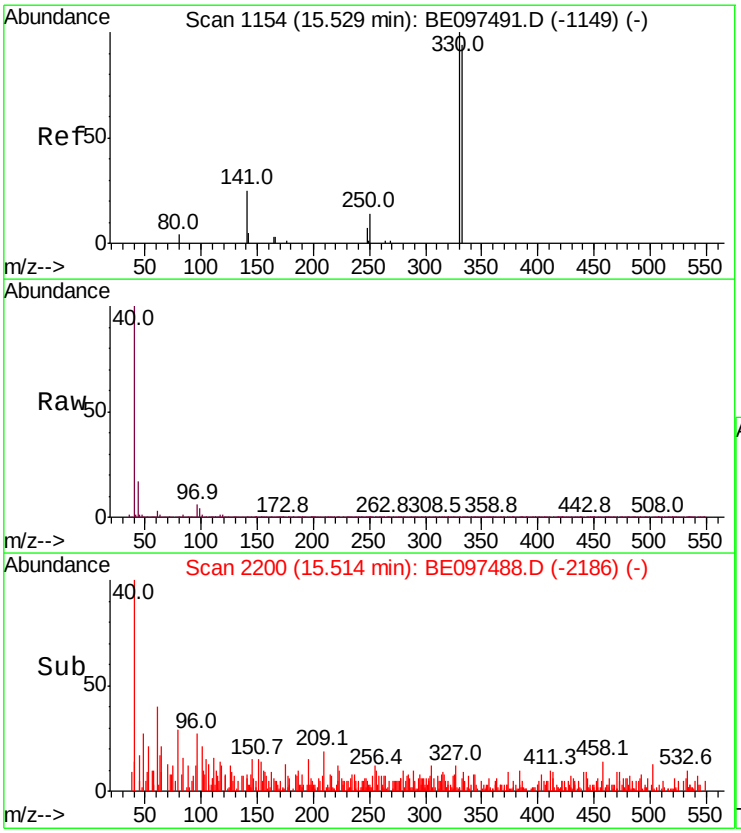
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 9

Ion	Ratio	Lower	Upper
164	100		
162	50.0	83.1	124.7#
160	30.0	37.1	55.7#

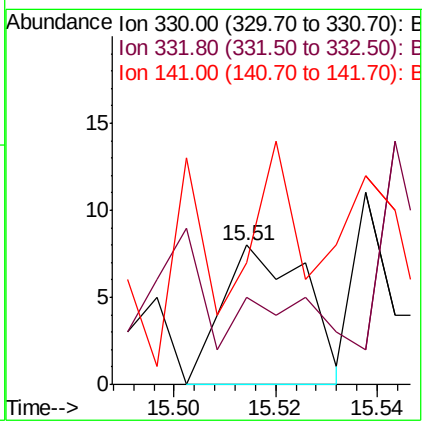


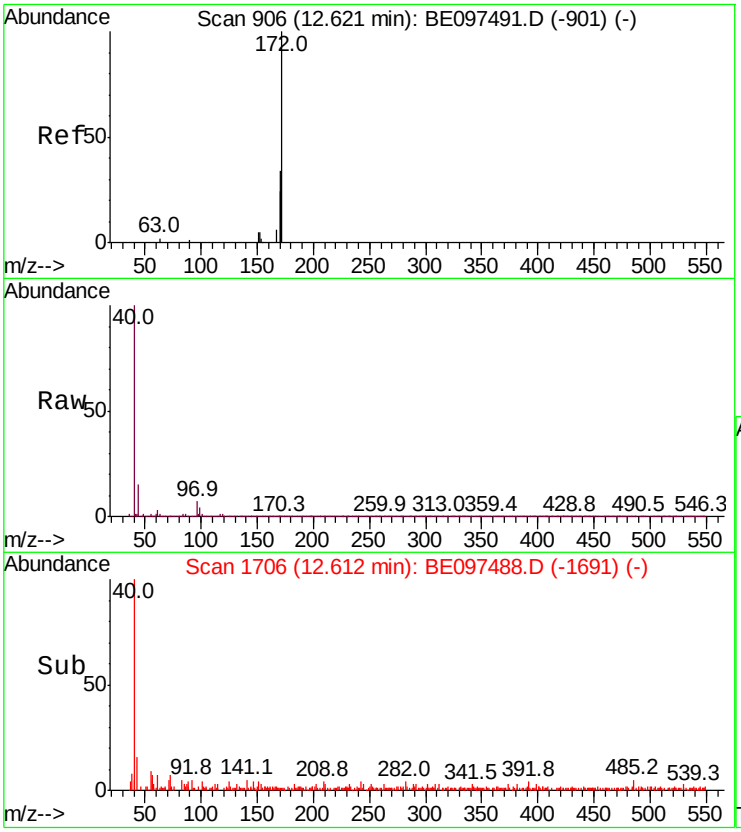


#14
2,4,6-Tribromophenol
Concen: 1.893 ng
RT: 15.51 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:330 Resp: 9

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	55.6	33.7	50.5#



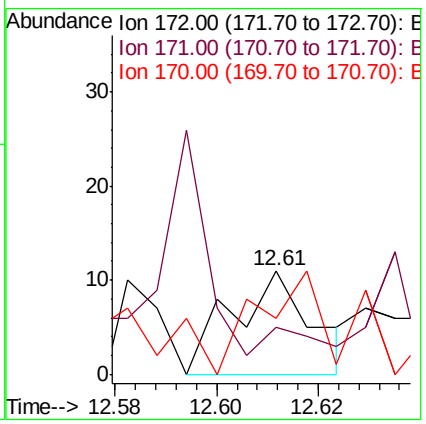


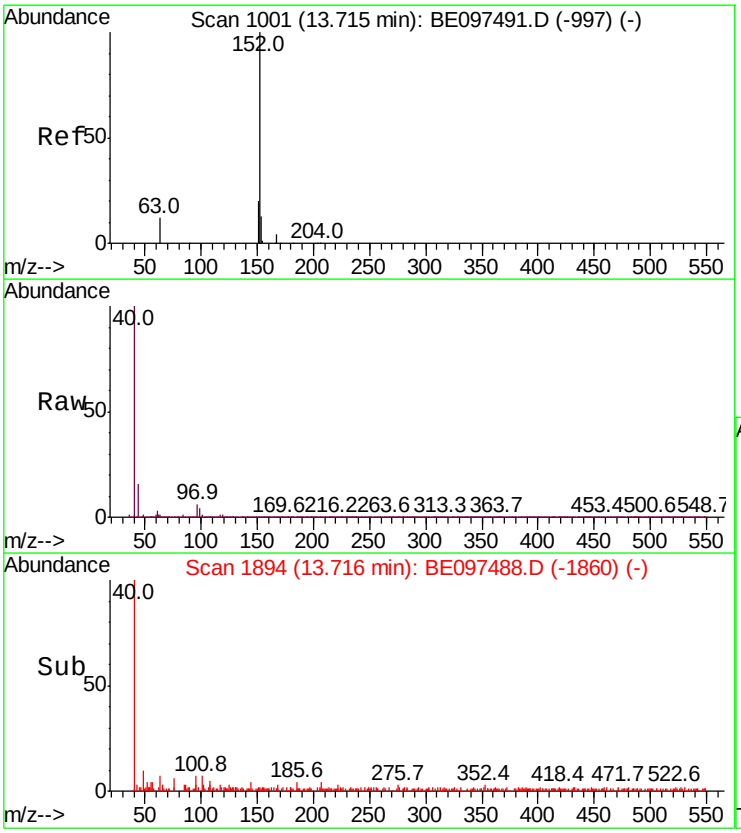
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 12.61 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 12

Ion	Ratio	Lower	Upper
172	100		
171	45.5	29.9	44.9#
170	54.5	21.8	32.8#

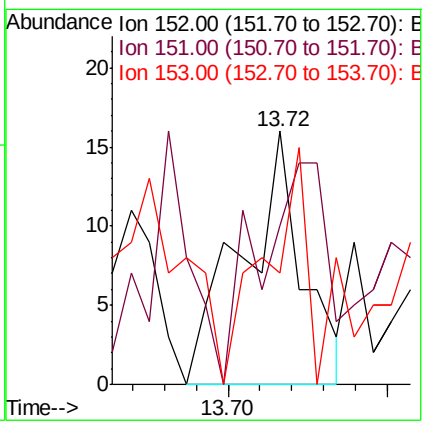


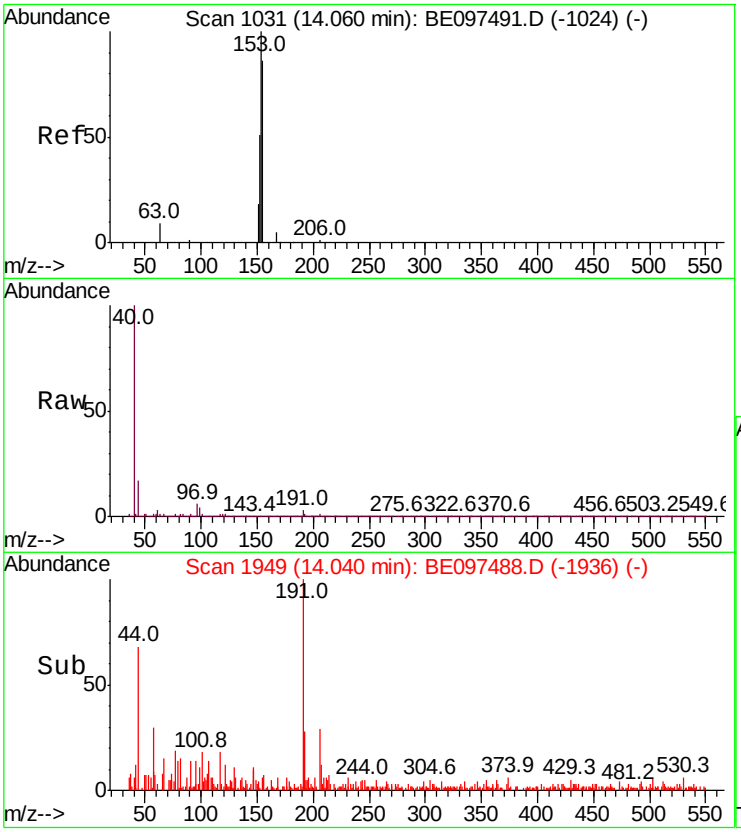


#16
Acenaphthylene
Concen: 0.536 ng
RT: 13.72 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:152 Resp: 21

Ion	Ratio	Lower	Upper
152	100		
151	109.5	15.7	23.5#
153	81.0	10.5	15.7#



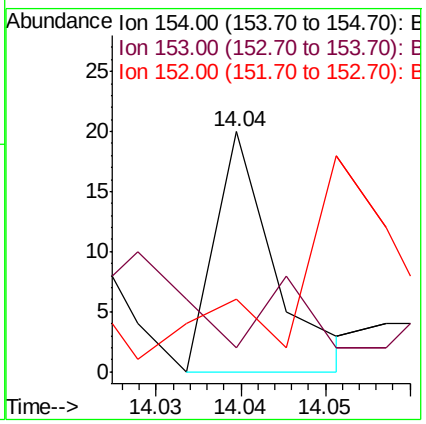


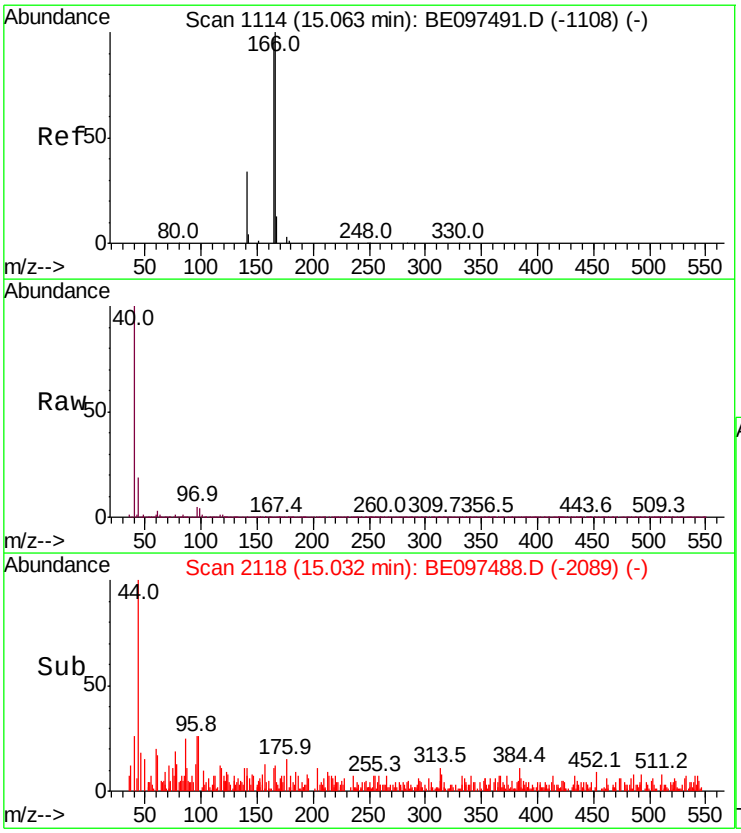
#17
Acenaphthene
Concen: 0.414 ng
RT: 14.04 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:154 Resp: 10

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	0.0	42.0	63.0#

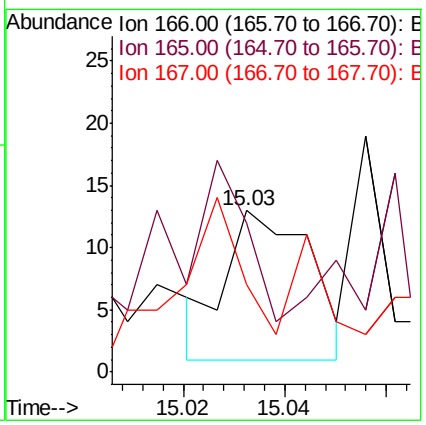


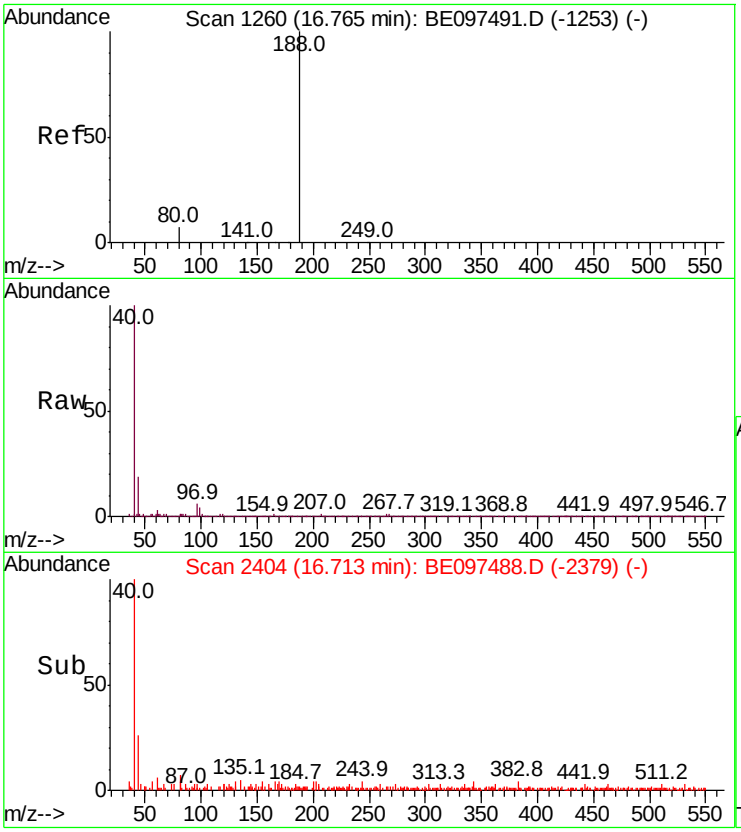


#18
Fluorene
Concen: 0.454 ng
RT: 15.03 min Scan# 2118
Delta R.T. -0.03 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:166 Resp: 14

Ion	Ratio	Lower	Upper
166	100		
165	85.7	77.8	116.6
167	71.4	42.4	63.6#



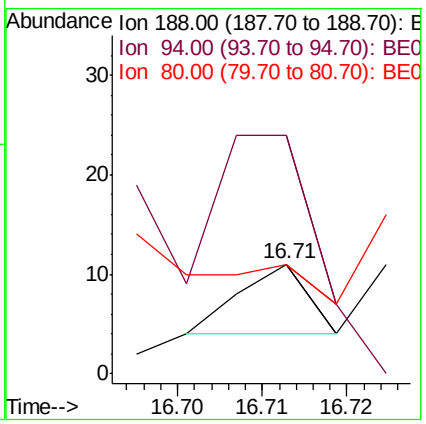


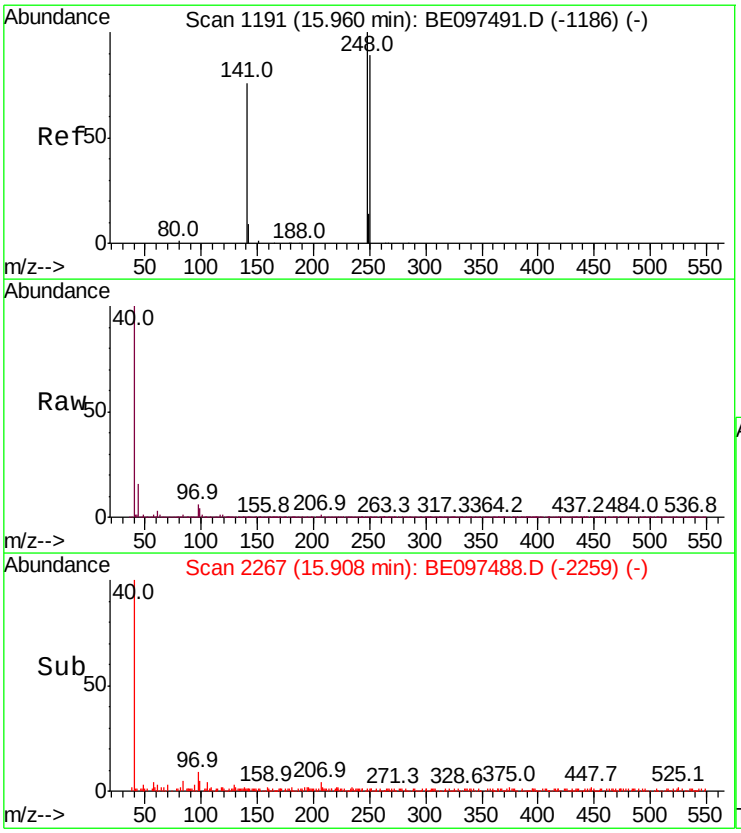
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.71 min Scan# 2404
Delta R.T. -0.05 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 4

Ion	Ratio	Lower	Upper
188	100		
94	218.2	3.9	5.9#
80	100.0	3.6	5.4#

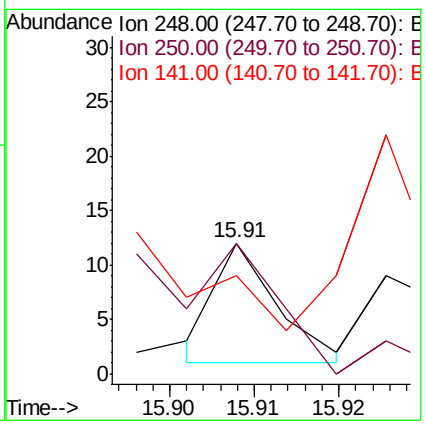


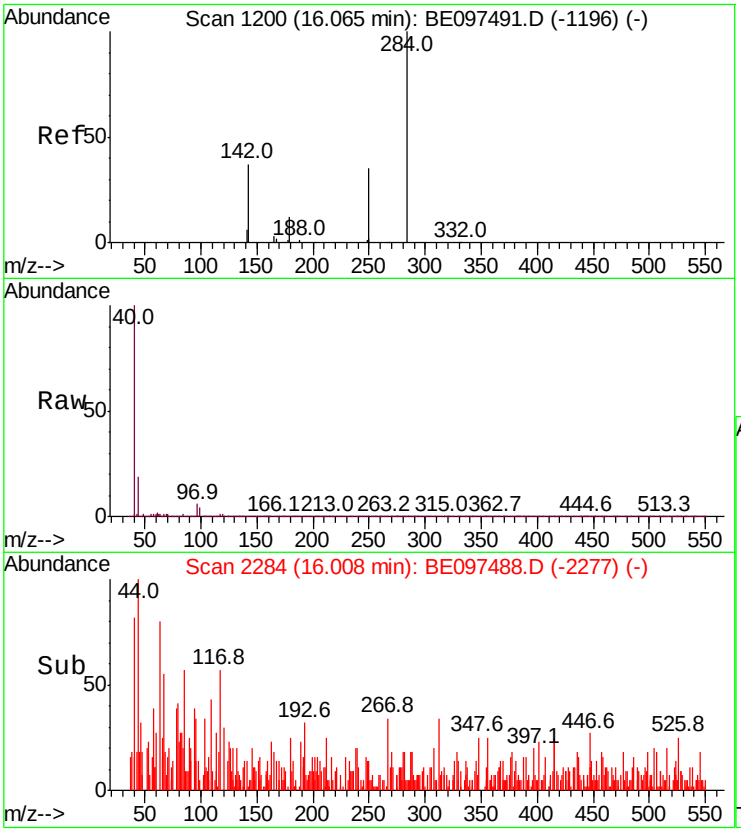


#20
4-Bromophenyl-phenylether
Concen: 3.107 ng
RT: 15.91 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	100.0	62.7	94.1#
141	75.0	48.2	72.2#



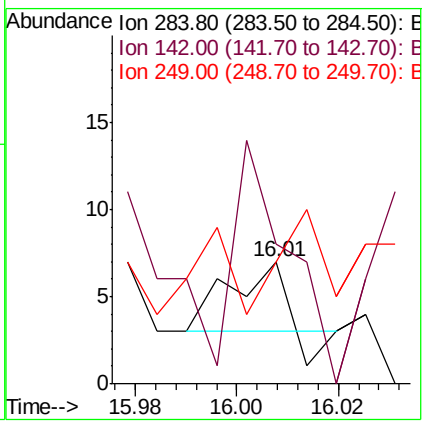


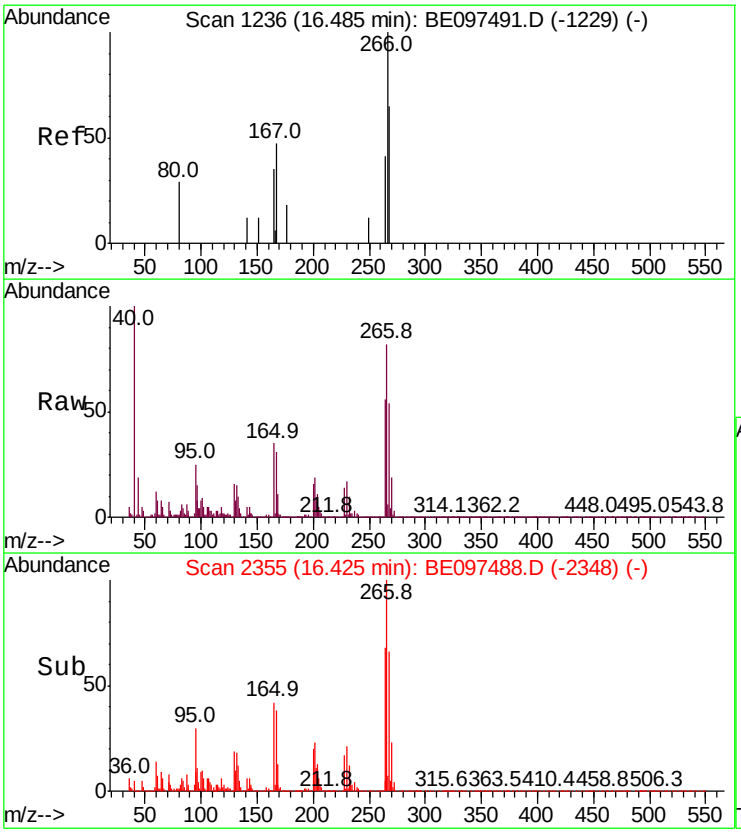
#21
Hexachlorobenzene
Concen: 0.977 ng
RT: 16.01 min Scan# 2284
Delta R.T. -0.06 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:284 Resp: 2

Ion	Ratio	Lower	Upper
284	100		
142	500.0	22.1	33.1#
249	350.0	34.8	52.2#

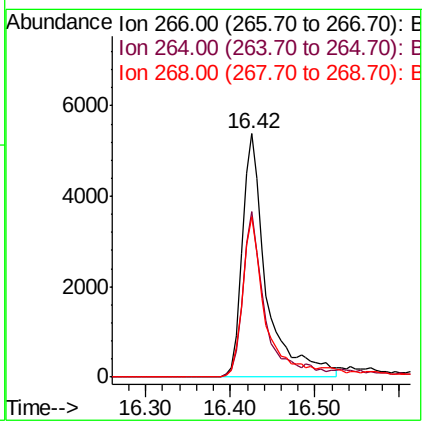


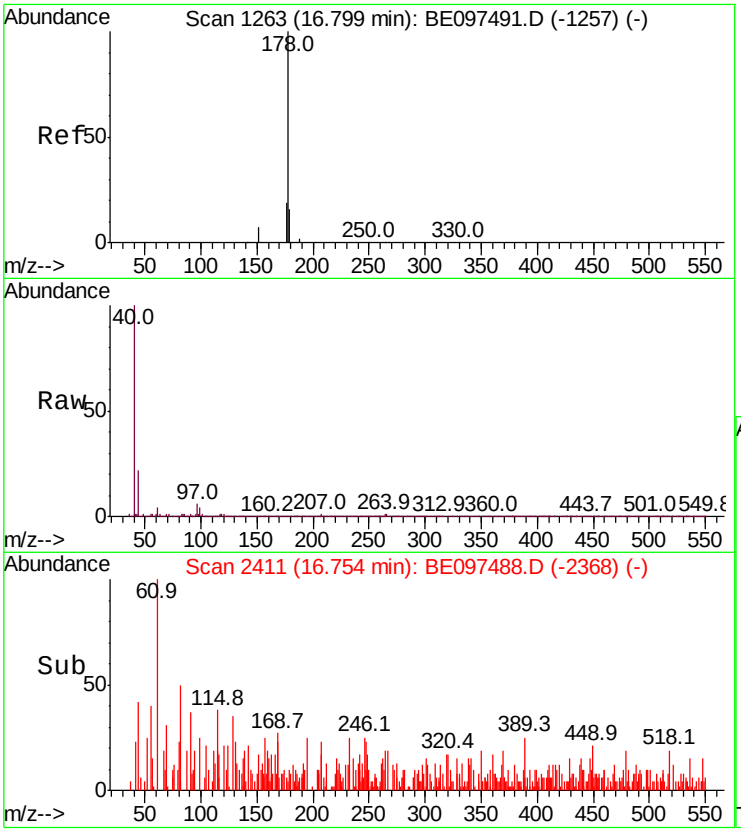


#22
Pentachlorophenol
Concen: 285.780 ng
RT: 16.42 min Scan# 2355
Delta R.T. -0.06 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:266 Resp: 10609

Ion	Ratio	Lower	Upper
266	100		
264	67.9	72.5	108.7#
268	65.8	73.8	110.6#



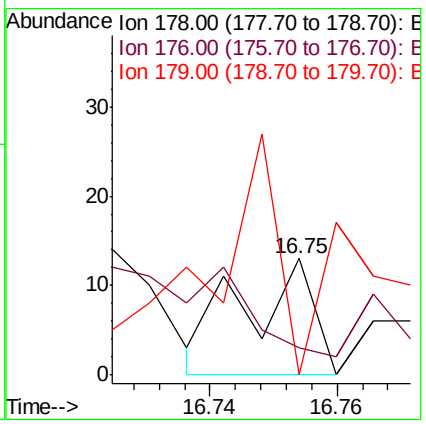


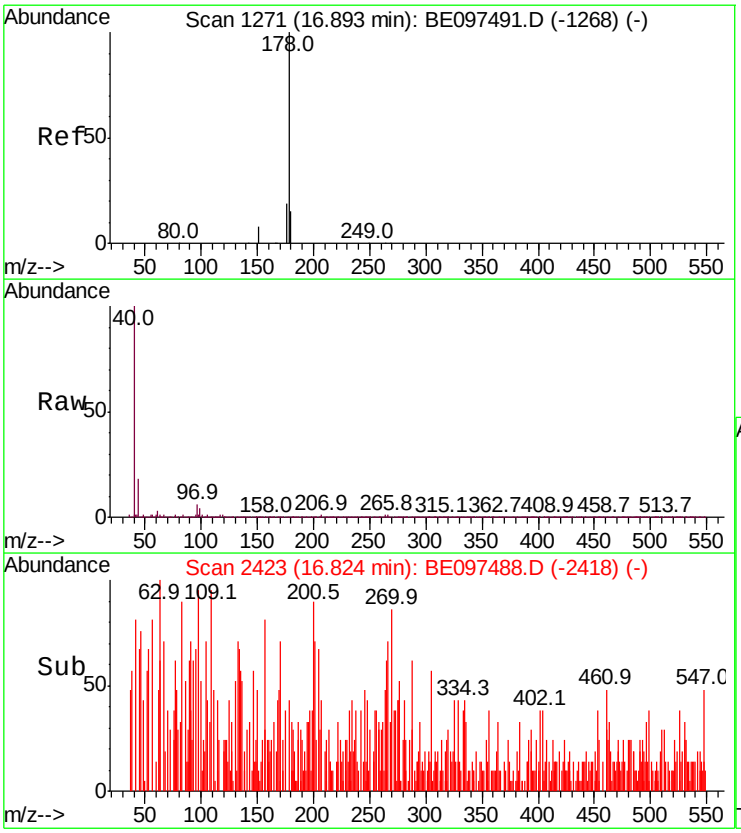
#23
Phenanthrene
Concen: 1.063 ng
RT: 16.75 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 10

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	170.0	11.8	17.6#

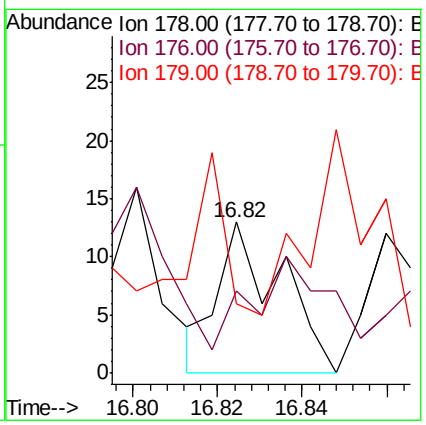


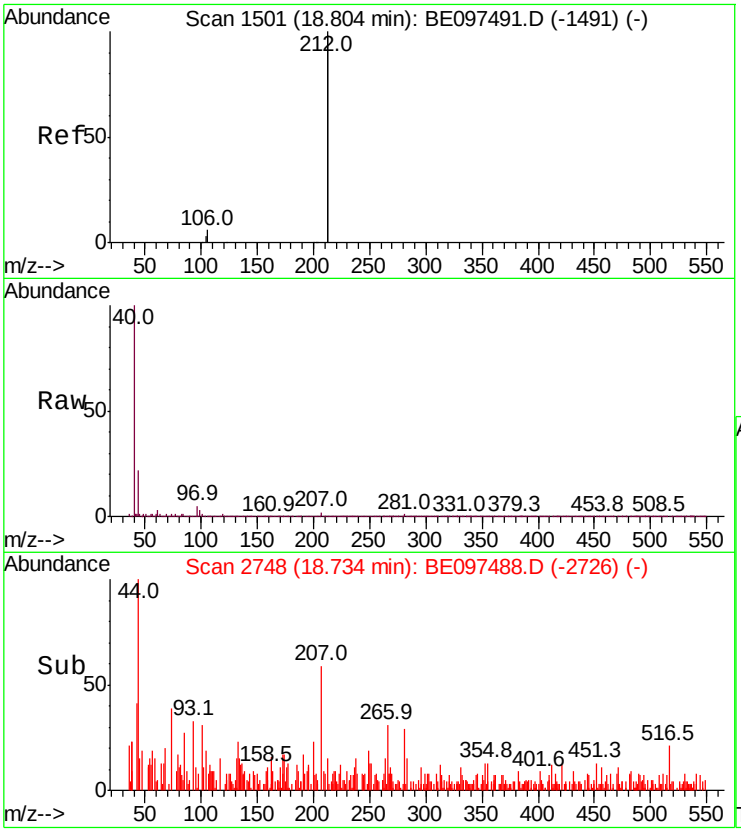


#24
Anthracene
Concen: 1.497 ng
RT: 16.82 min Scan# 2423
Delta R.T. -0.07 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:178 Resp: 13

Ion	Ratio	Lower	Upper
178	100		
176	0.0	12.8	19.2#
179	53.8	13.0	19.6#



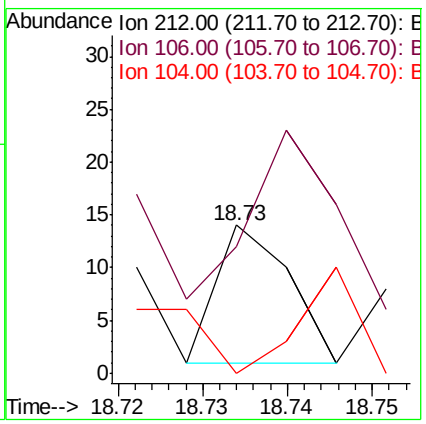


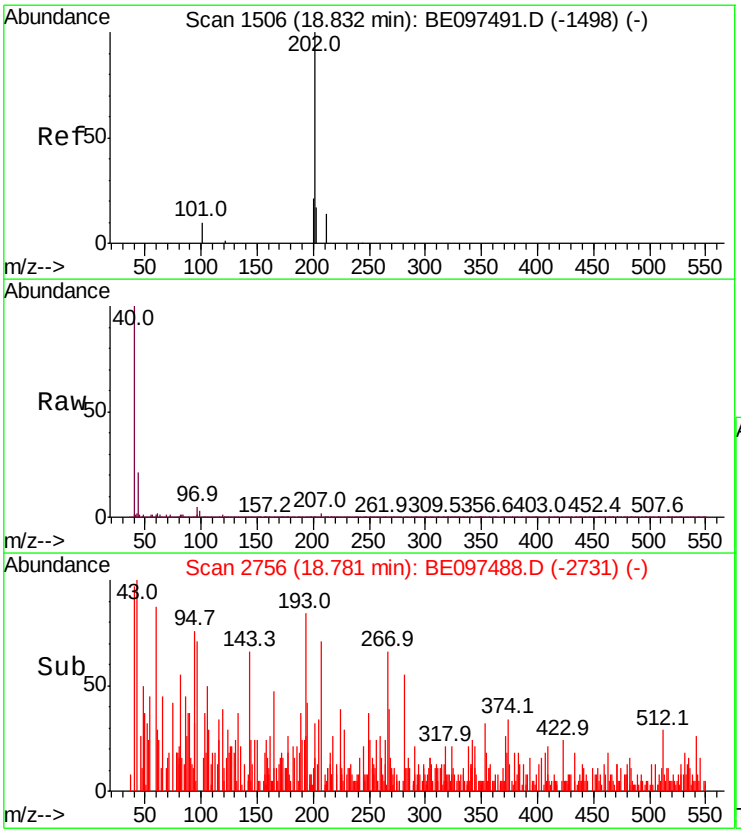
#25
Fluoranthene-d10
Concen: 0.166 ng
RT: 18.73 min Scan# 2748
Delta R.T. -0.07 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:212 Resp: 8

Ion	Ratio	Lower	Upper
212	100		
106	475.0	2.8	4.2#
104	0.0	1.6	2.4#

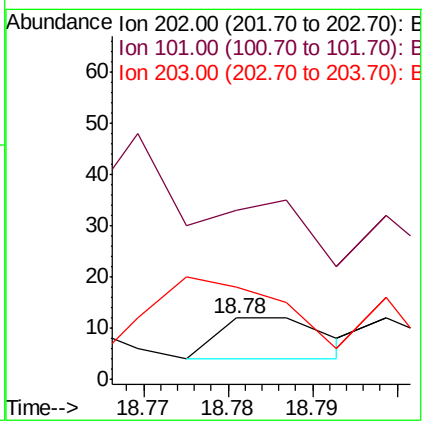


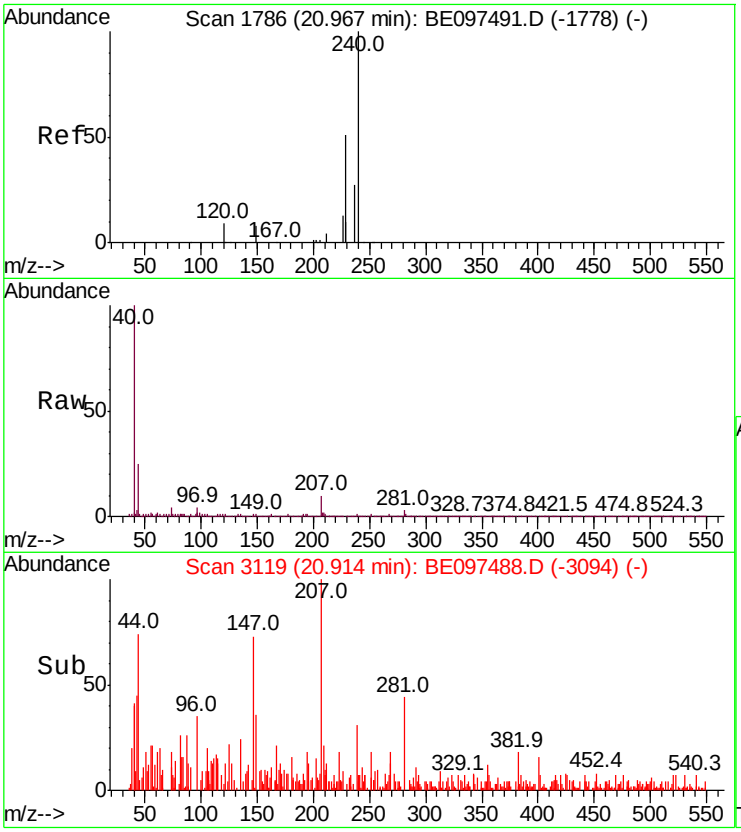


#26
Fluoranthene
Concen: 0.571 ng
RT: 18.78 min Scan# 2756
Delta R.T. -0.05 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:202 Resp: 7

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	385.7	13.7	20.5#



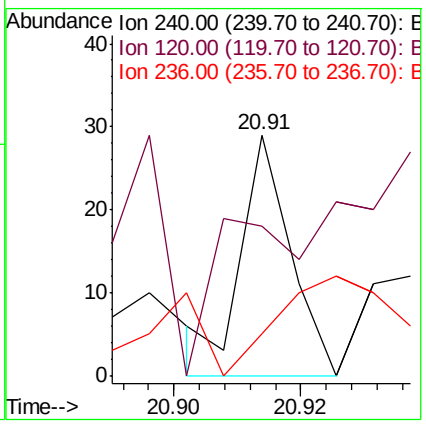


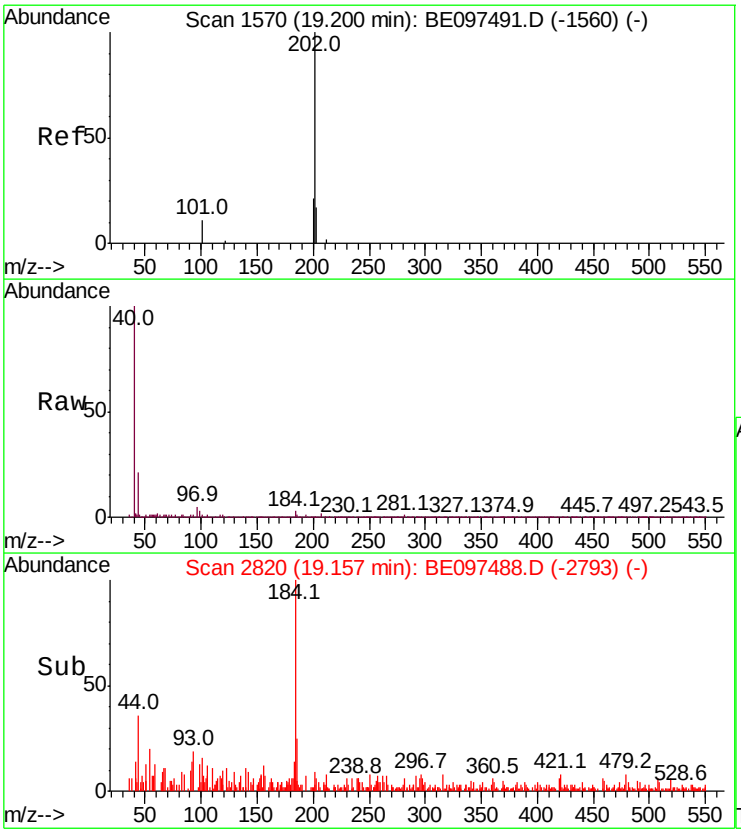
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.91 min Scan# 3119
Delta R.T. -0.05 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 15

Ion	Ratio	Lower	Upper
240	100		
120	62.1	5.5	8.3#
236	17.2	20.7	31.1#

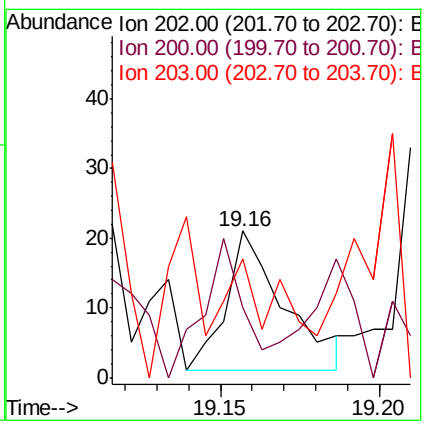


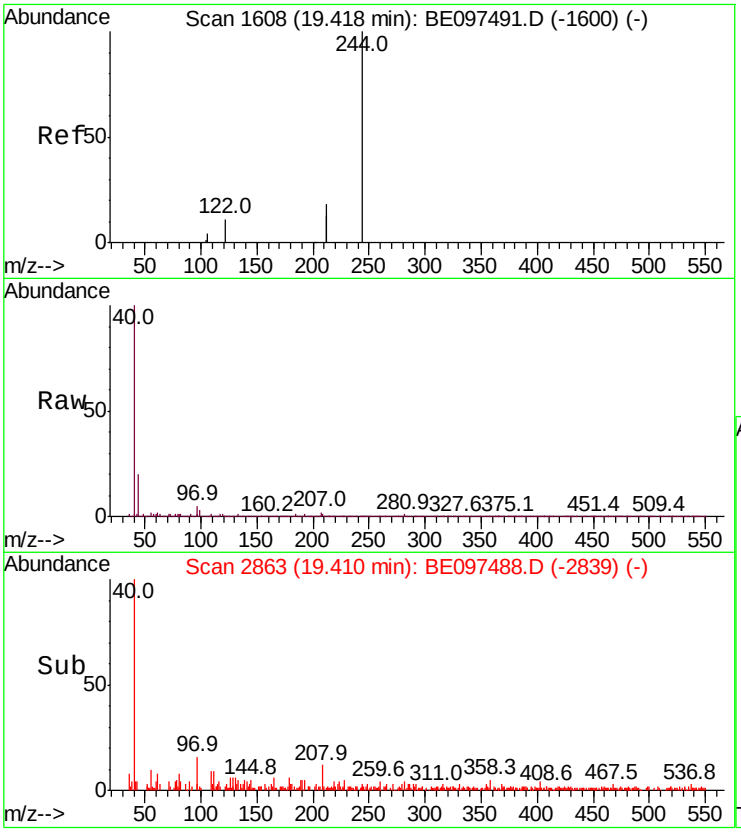


#28
Pyrene
Concen: 0.648 ng
RT: 19.16 min Scan# 2820
Delta R.T. -0.04 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:202 Resp: 25

Ion	Ratio	Lower	Upper
202	100		
200	72.0	16.6	25.0#
203	32.0	13.8	20.8#



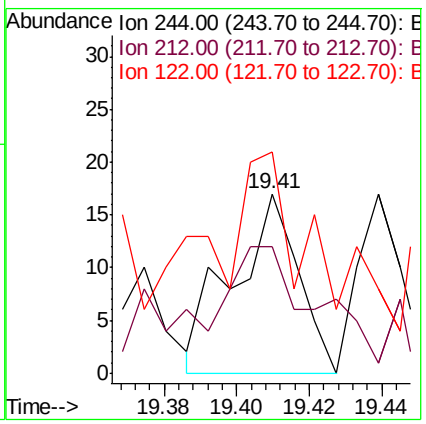


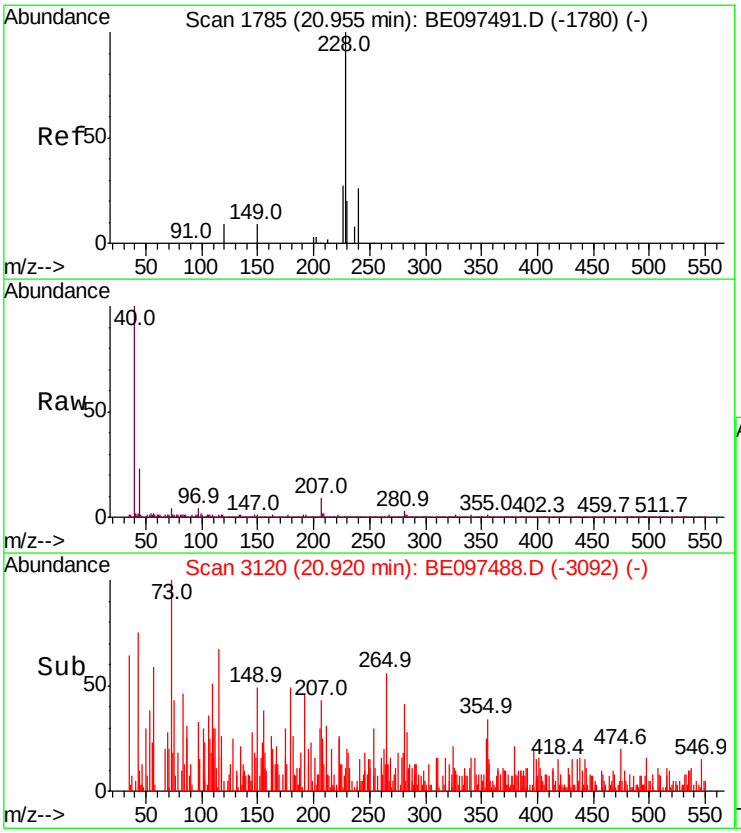
#29
Terphenyl-d14
Concen: 0.732 ng
RT: 19.41 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:244 Resp: 21

Ion	Ratio	Lower	Upper
244	100		
212	70.6	25.4	38.0#
122	123.5	8.1	12.1#

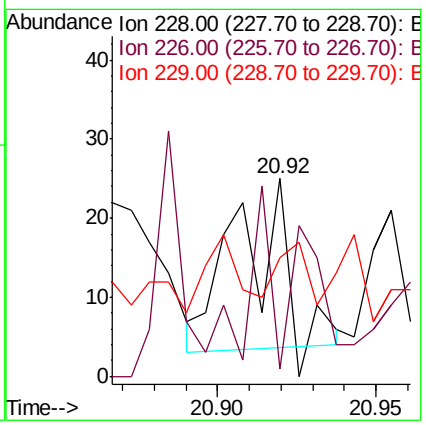


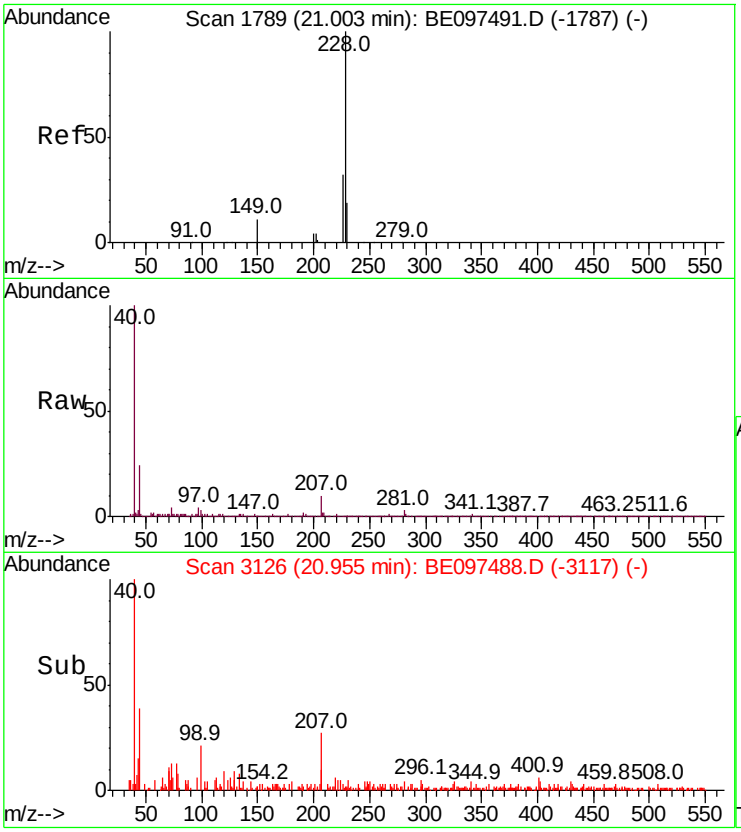


#30
Benzo(a)anthracene
Concen: 0.609 ng
RT: 20.92 min Scan# 3120
Delta R.T. -0.04 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:228 Resp: 24

Ion	Ratio	Lower	Upper
228	100		
226	4.0	24.0	36.0#
229	60.0	16.0	24.0#



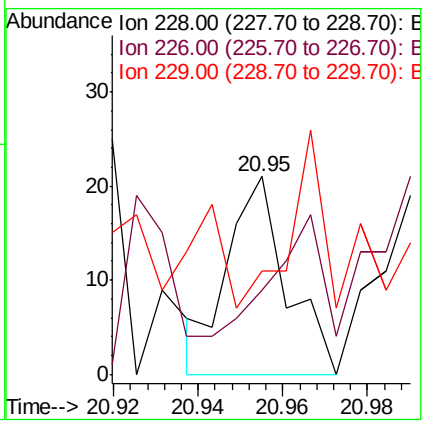


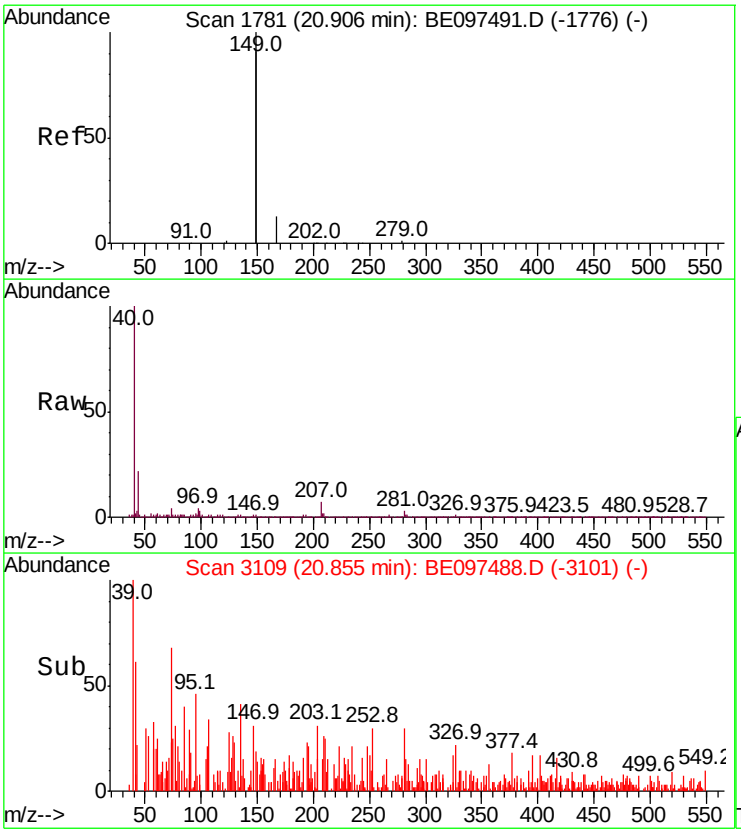
#31
Chrysene
Concen: 0.494 ng
RT: 20.95 min Scan# 3126
Delta R.T. -0.05 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 20

Ion	Ratio	Lower	Upper
228	100		
226	42.9	24.0	36.0#
229	52.4	16.0	24.0#

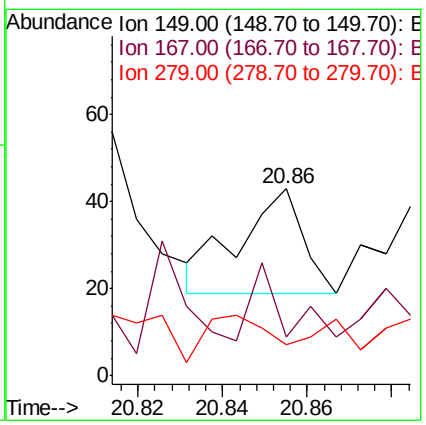


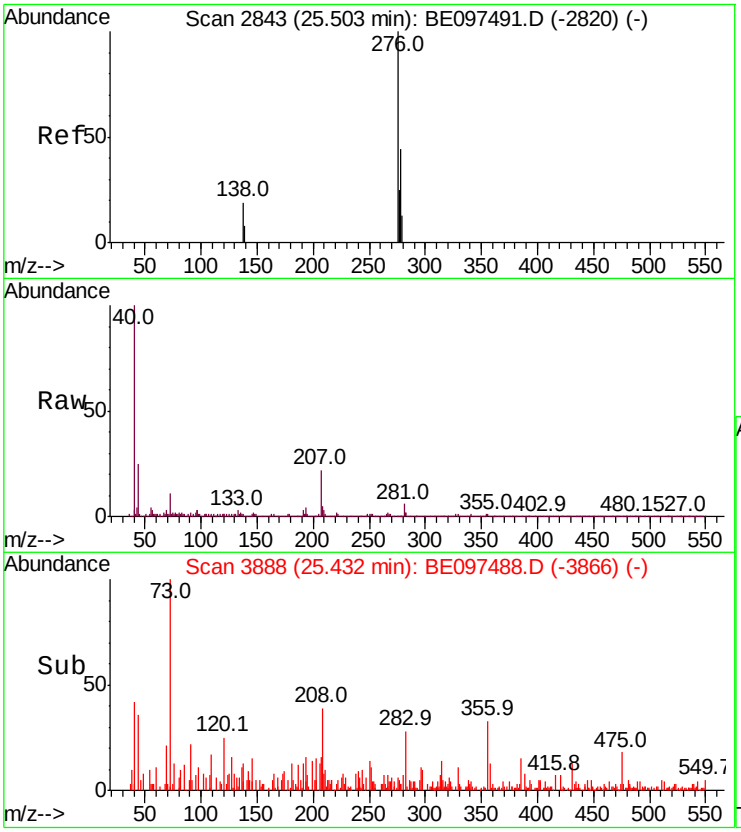


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.298 ng
RT: 20.86 min Scan# 3109
Delta R.T. -0.05 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:149 Resp: 25

Ion	Ratio	Lower	Upper
149	100		
167	44.0	5.4	8.0#
279	56.0	0.7	1.1#



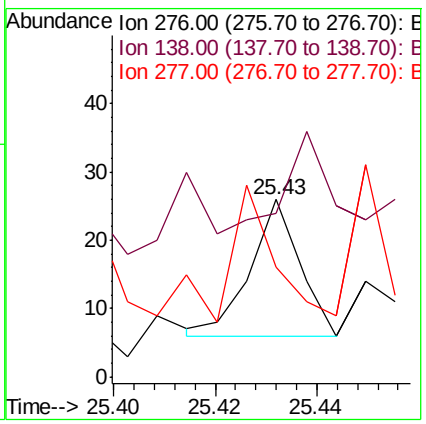


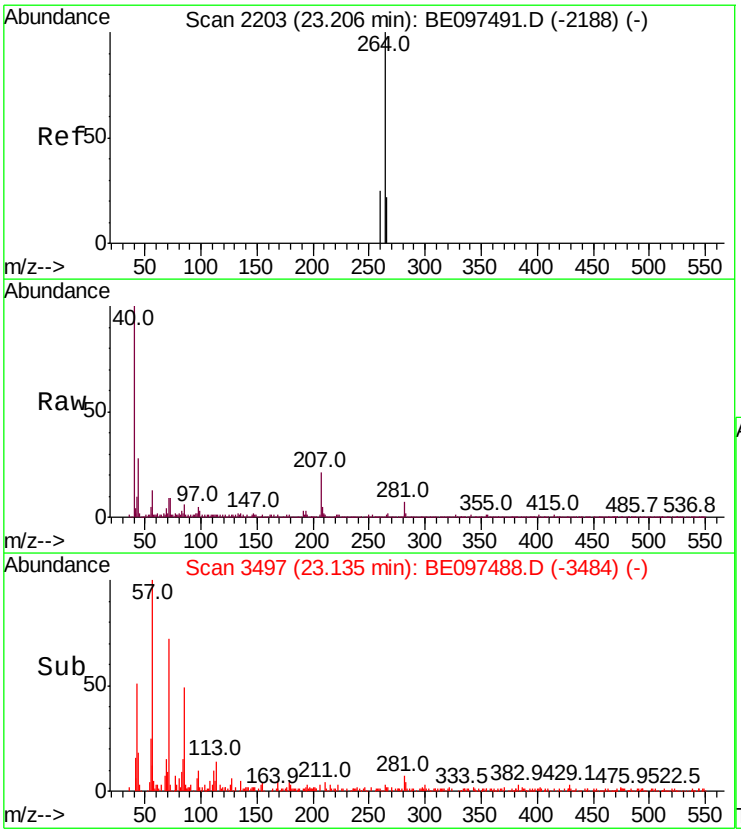
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.269 ng
RT: 25.43 min Scan# 3888
Delta R.T. -0.07 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 13

Ion	Ratio	Lower	Upper
276	100		
138	61.5	22.5	33.7#
277	92.3	19.9	29.9#

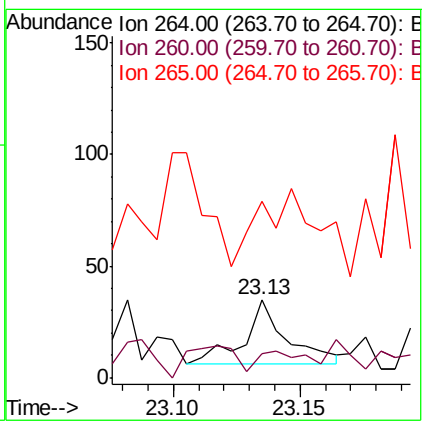


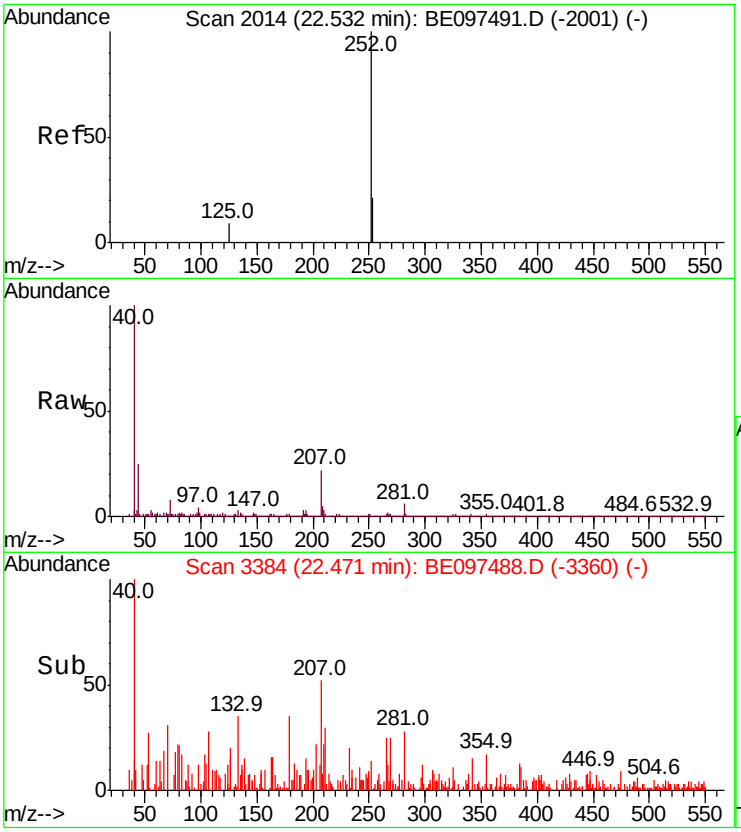


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 3497
Delta R.T. -0.07 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:264 Resp: 35

Ion	Ratio	Lower	Upper
264	100		
260	31.4	20.5	30.7#
265	225.7	22.8	34.2#



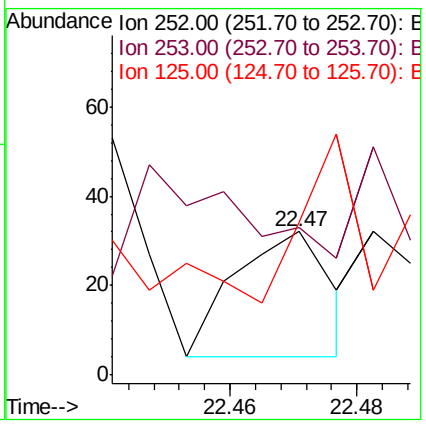


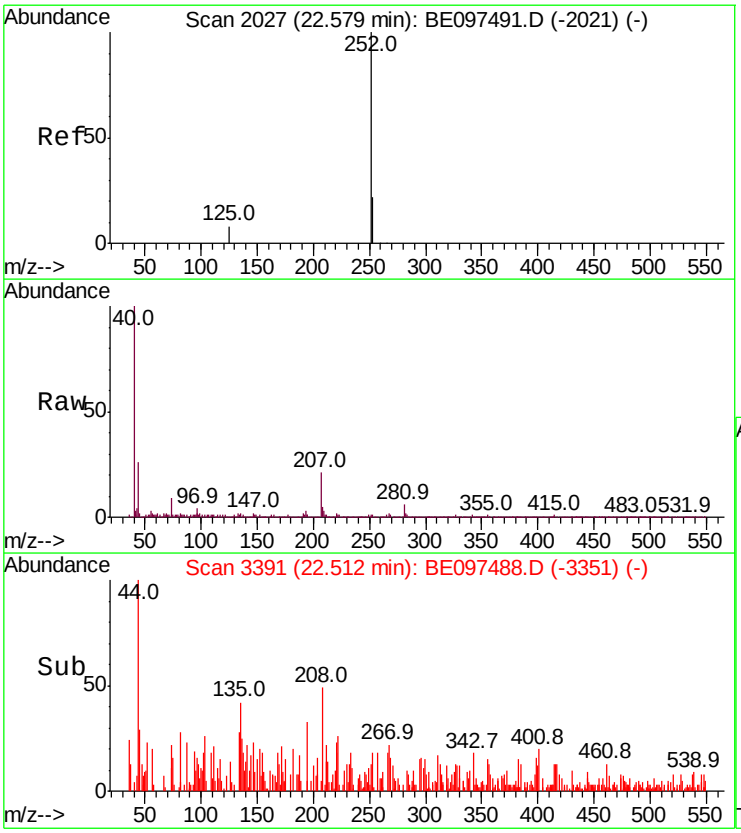
#35
Benzo(b)fluoranthene
Concen: 0.324 ng
RT: 22.47 min Scan# 3384
Delta R.T. -0.06 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 29

Ion	Ratio	Lower	Upper
252	100		
253	103.1	20.0	30.0#
125	106.3	16.0	24.0#

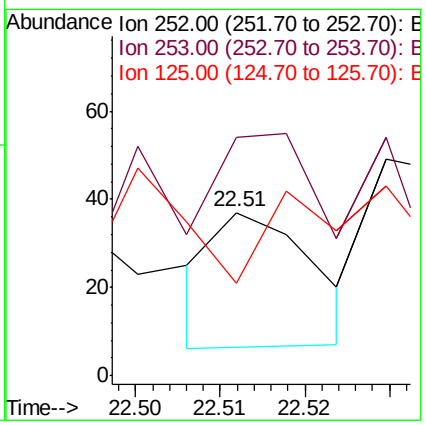


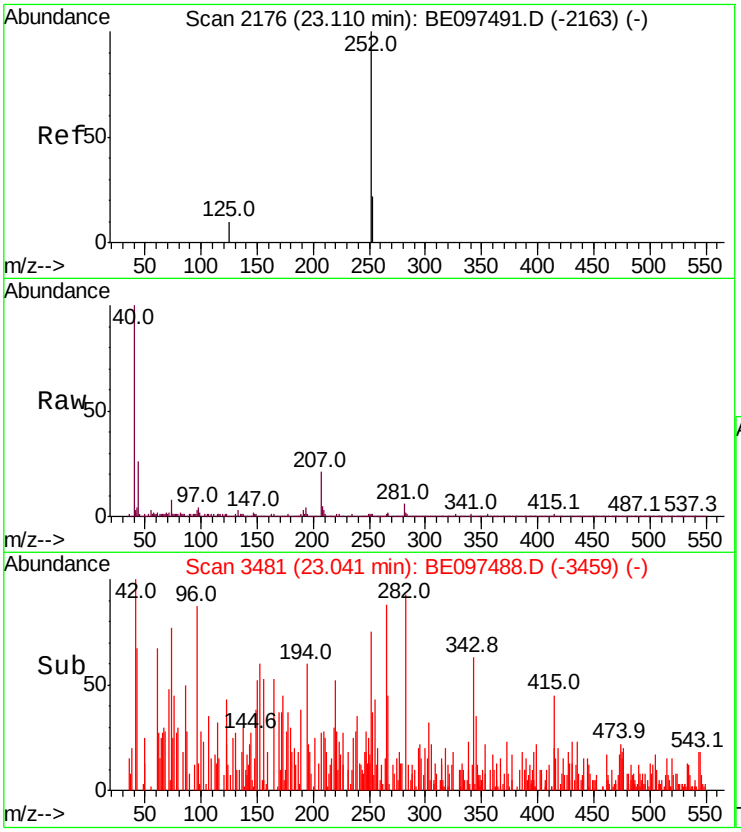


#36
Benzo(k)fluoranthene
Concen: 0.256 ng
RT: 22.51 min Scan# 3391
Delta R.T. -0.07 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:252 Resp: 25

Ion	Ratio	Lower	Upper
252	100		
253	145.9	16.0	24.0#
125	56.8	8.0	12.0#



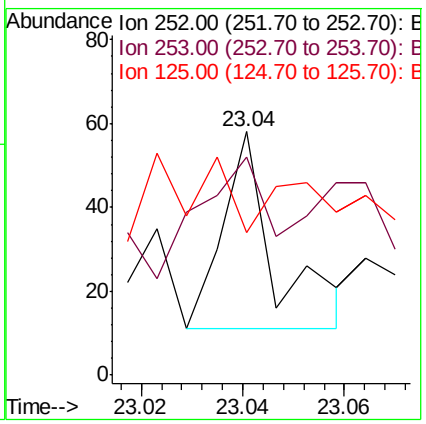


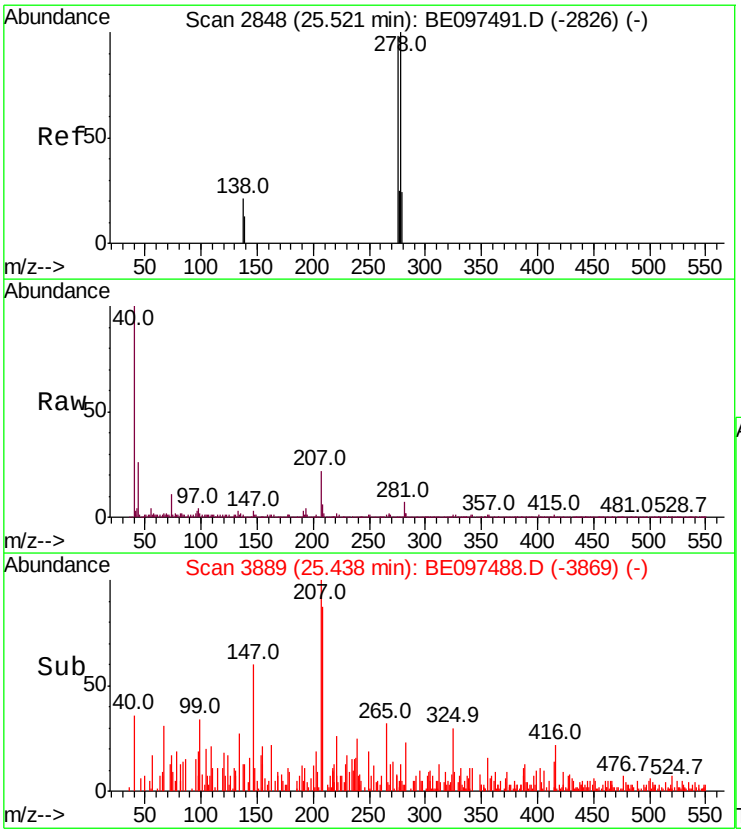
#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.04 min Scan# 3481
Delta R.T. -0.07 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 34

Ion	Ratio	Lower	Upper
252	100		
253	89.7	16.0	24.0#
125	58.6	12.0	18.0#

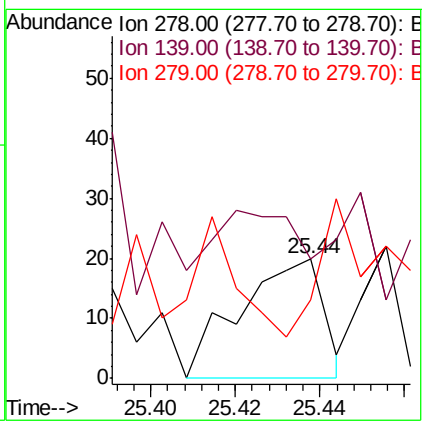


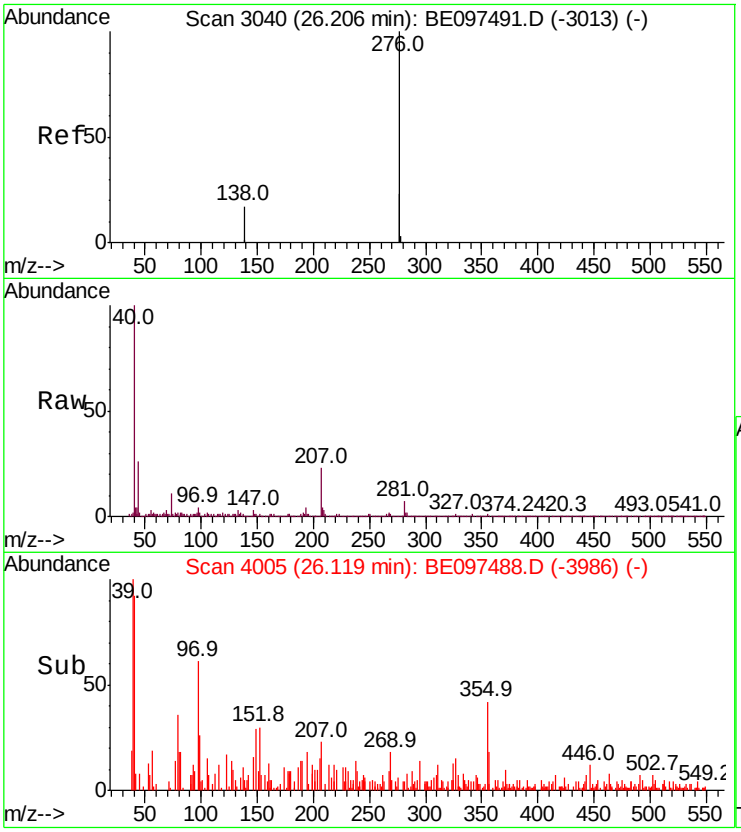


#38
Dibenzo(a,h)anthracene
Concen: 0.291 ng
RT: 25.44 min Scan# 3889
Delta R.T. -0.08 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Tgt Ion:278 Resp: 27

Ion	Ratio	Lower	Upper
278	100		
139	100.0	16.0	24.0#
279	65.0	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.264 ng
RT: 26.12 min Scan# 4005
Delta R.T. -0.09 min
Lab File: BE097488.D
Acq: 17 Sep 2018 9:27

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 25

Ion	Ratio	Lower	Upper
276	100		
277	52.6	16.0	24.0#
138	136.8	20.0	30.0#