Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
Data File : BE097013.D
Acq On : 19 Jul 2018 20:10
Operator : SJ/JU
Sample : J4014-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FB01-071318

Quant Time: Jul 20 05:04:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1465	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6639	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	4034	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	11752	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	11960	0.40	ng	0.00
34) Perylene-d12	23.21	264	11022	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	46	0.01	ng	0.01
5) Phenol-d6	6.61	99	71	0.01	ng	0.01
8) Nitrobenzene-d5	8.53	82	2337	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3978	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	94	0.15	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	7349	0.49	ng	0.00
25) Fluoranthene-d10	18.81	212	58705	0.57	ng	0.00
29) Terphenyl-d14	19.43	244	12177	0.53	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.20	128	1628	0.027	ng	# 90
32) Bis(2-ethylhexyl)phthalate	20.93	149	2479	0.087	ng	100

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

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Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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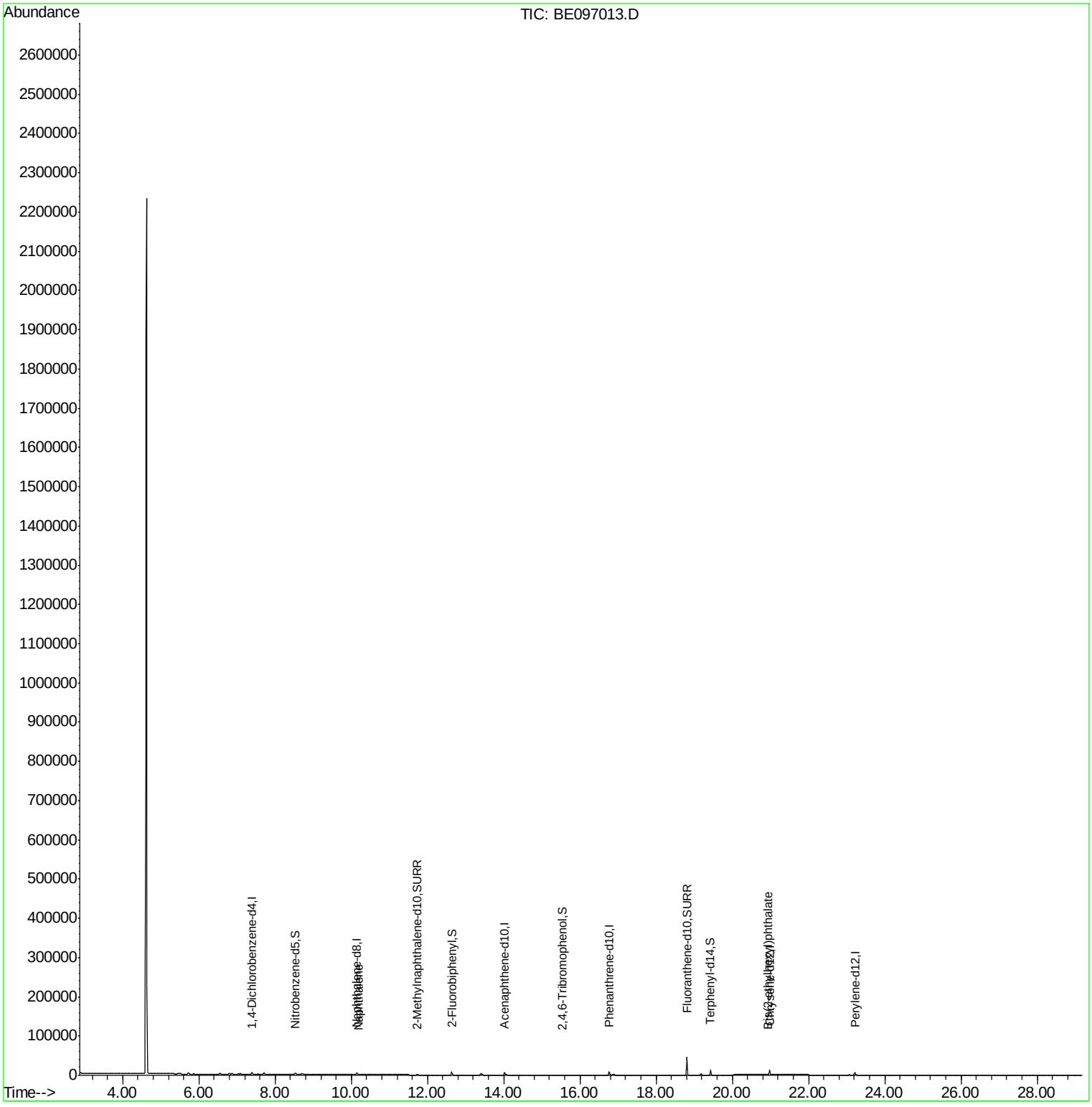
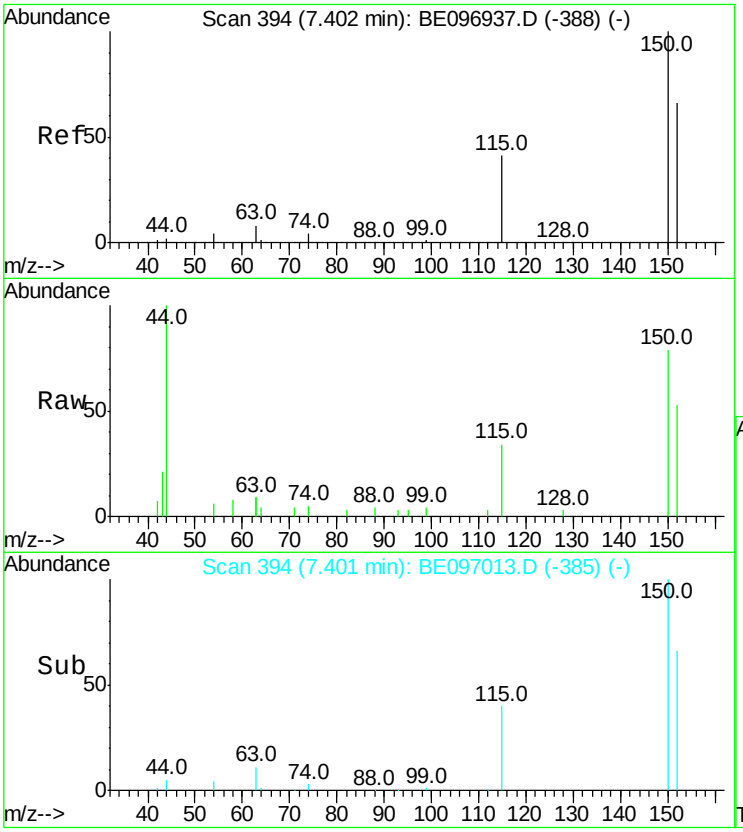


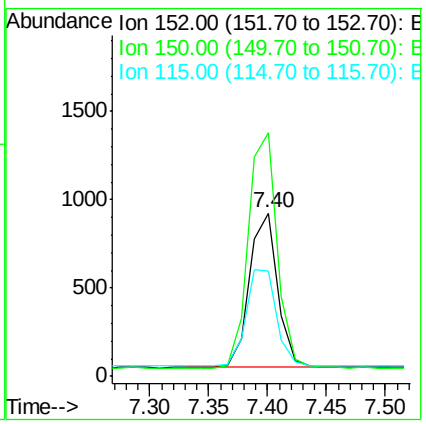


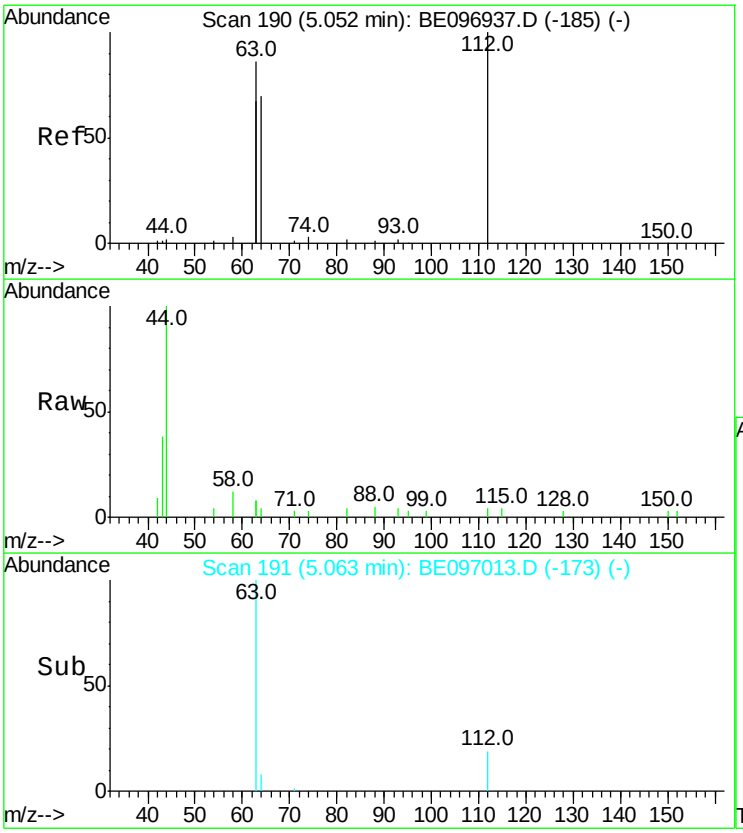
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Instrument :
BNA_E
ClientSampleId :
FB01-071318

Tgt Ion:152 Resp: 1465

Ion	Ratio	Lower	Upper
152	100		
150	148.8	117.2	175.8
115	64.6	57.0	85.6

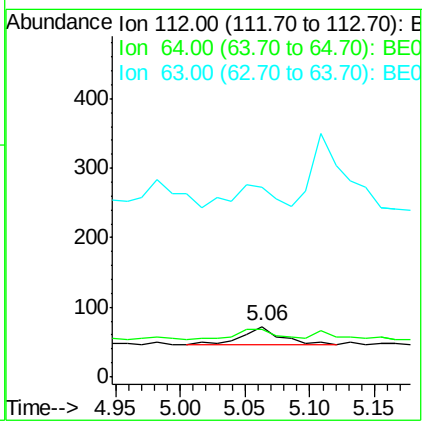


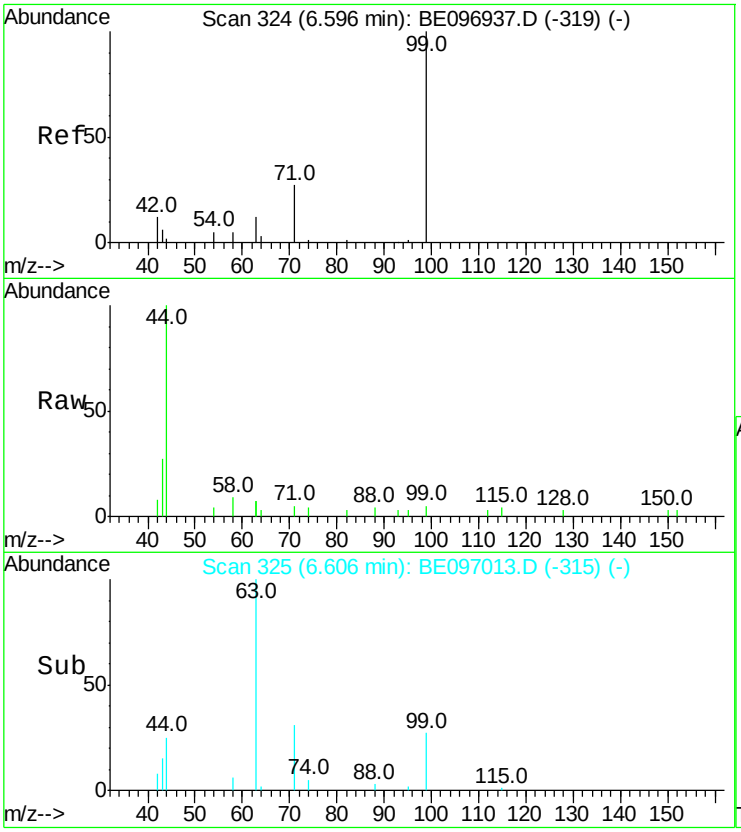


#4
2-Fluorophenol
Concen: 0.013 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:112 Resp: 46

Ion	Ratio	Lower	Upper
112	100		
64	78.3	60.1	90.1
63	171.7	116.8	175.2



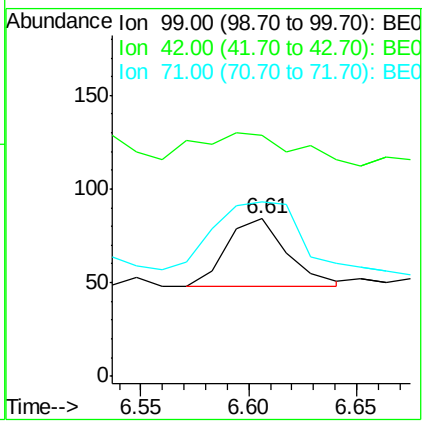


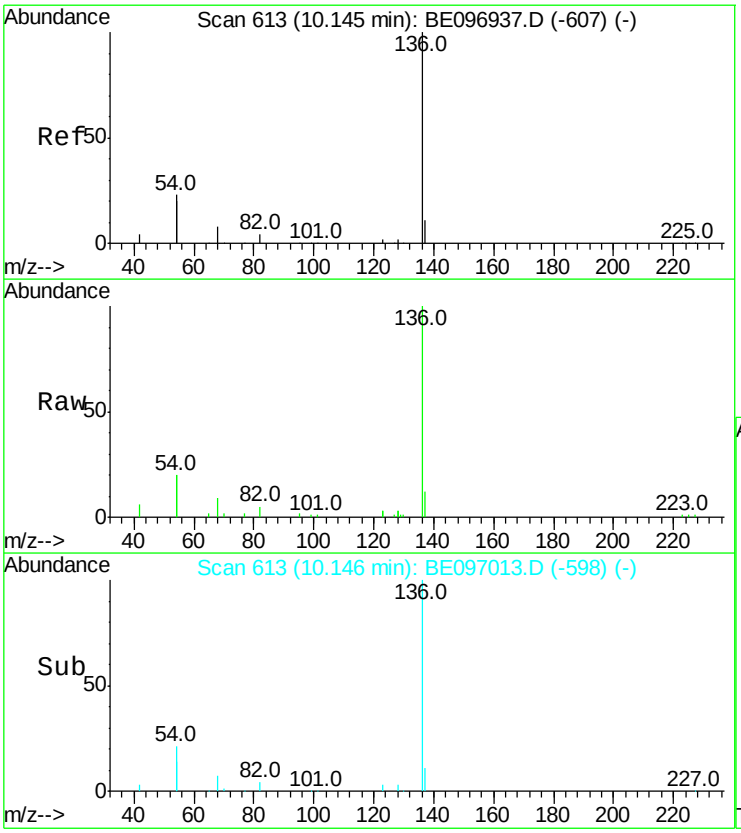
#5
Phenol-d6
Concen: 0.013 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.01 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Instrument :
BNA_E
ClientSampleId :
FB01-071318

Tgt Ion: 99 Resp: 71

Ion	Ratio	Lower	Upper
99	100		
42	81.7	20.2	30.2#
71	138.0	28.4	42.6#

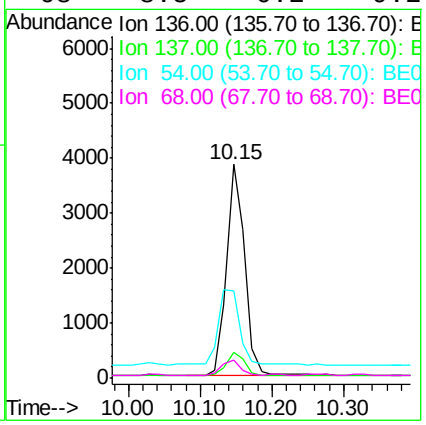


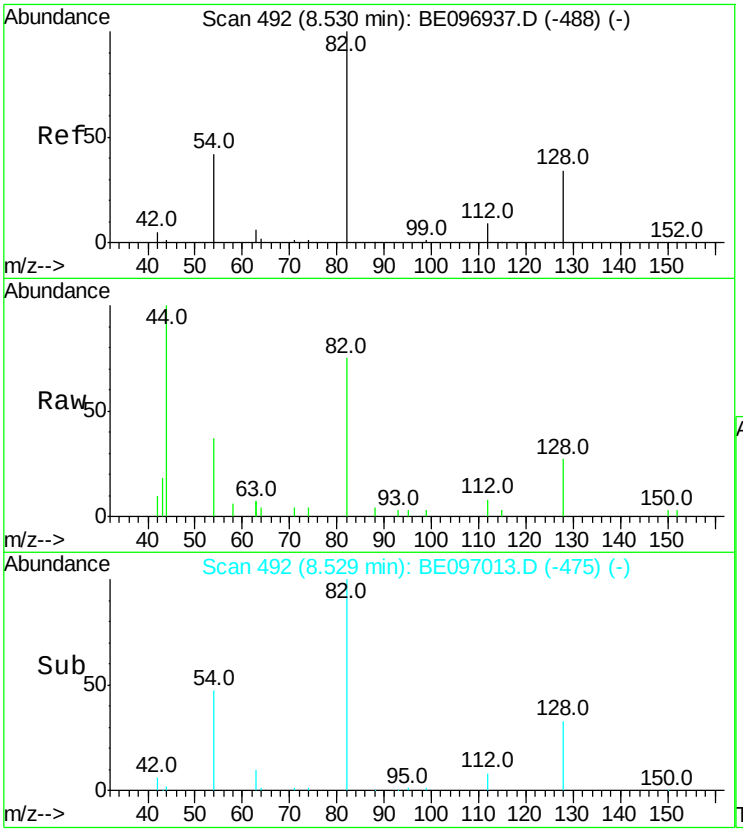


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:136 Resp: 6639

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	40.7	29.1	43.7
68	8.5	6.2	9.2



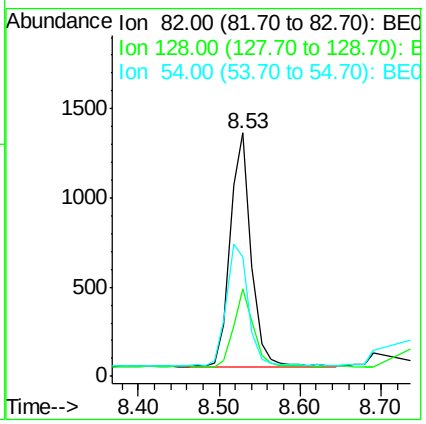


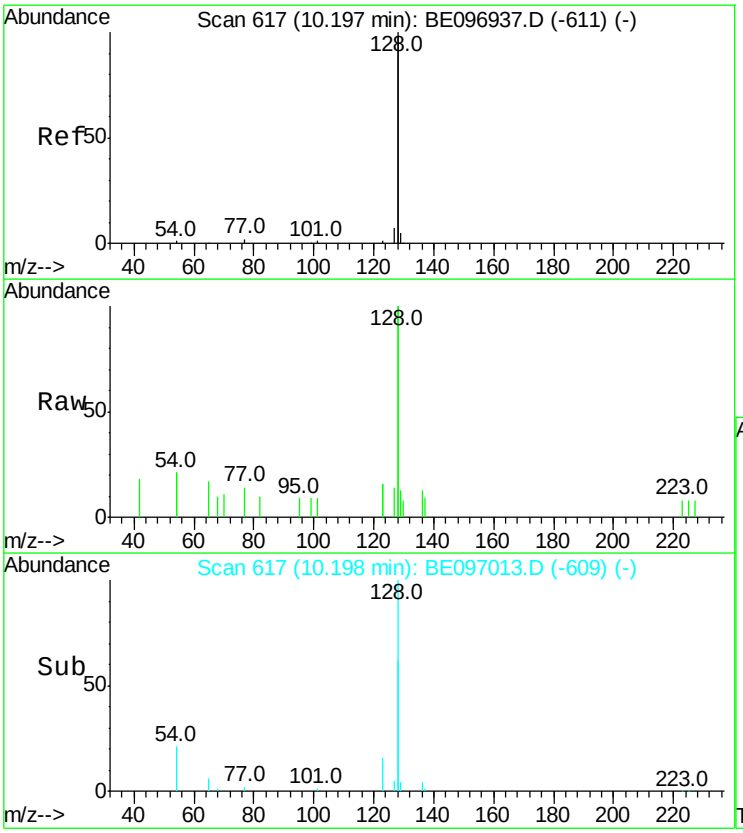
#8
Nitrobenzene-d5
Concen: 0.483 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Instrument :
BNA_E
ClientSampleId :
FB01-071318

Tgt Ion: 82 Resp: 2337

Ion	Ratio	Lower	Upper
82	100		
128	36.0	24.0	36.0
54	48.9	40.0	60.0

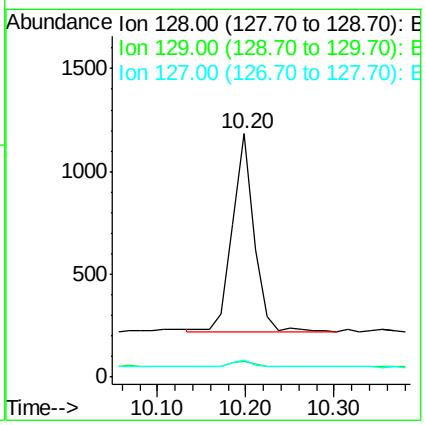


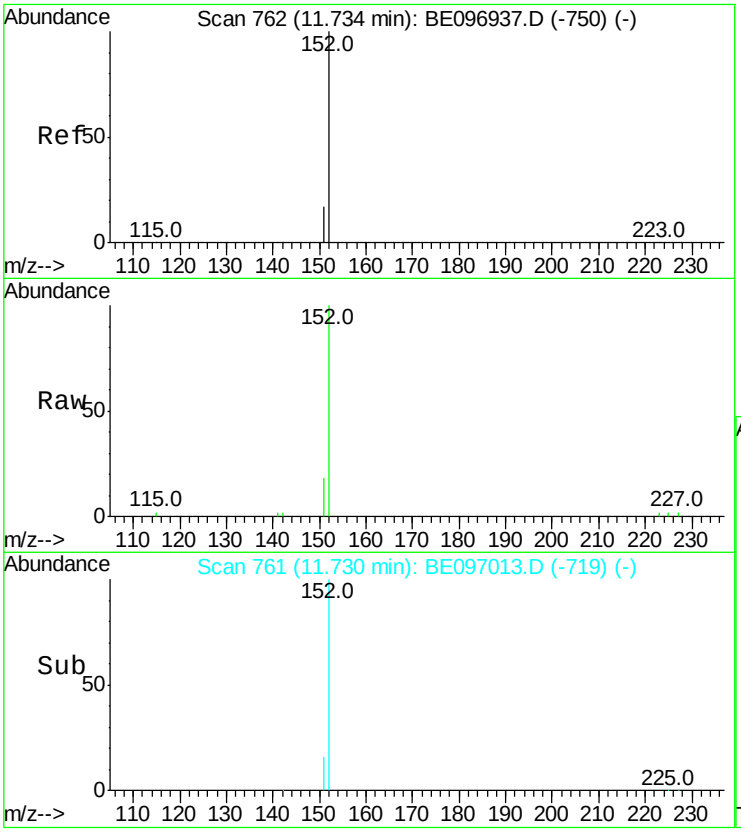


#9
Naphthalene
Concen: 0.027 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:128 Resp: 1628

Ion	Ratio	Lower	Upper
128	100		
129	6.3	2.6	3.8#
127	6.8	2.8	4.2#



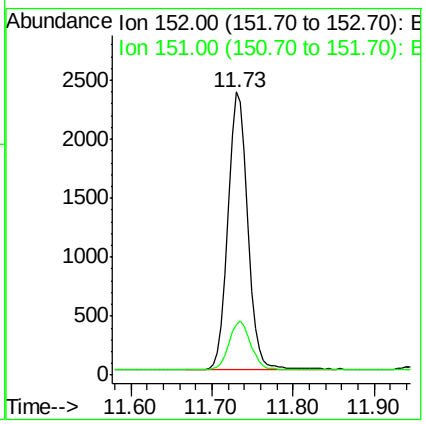


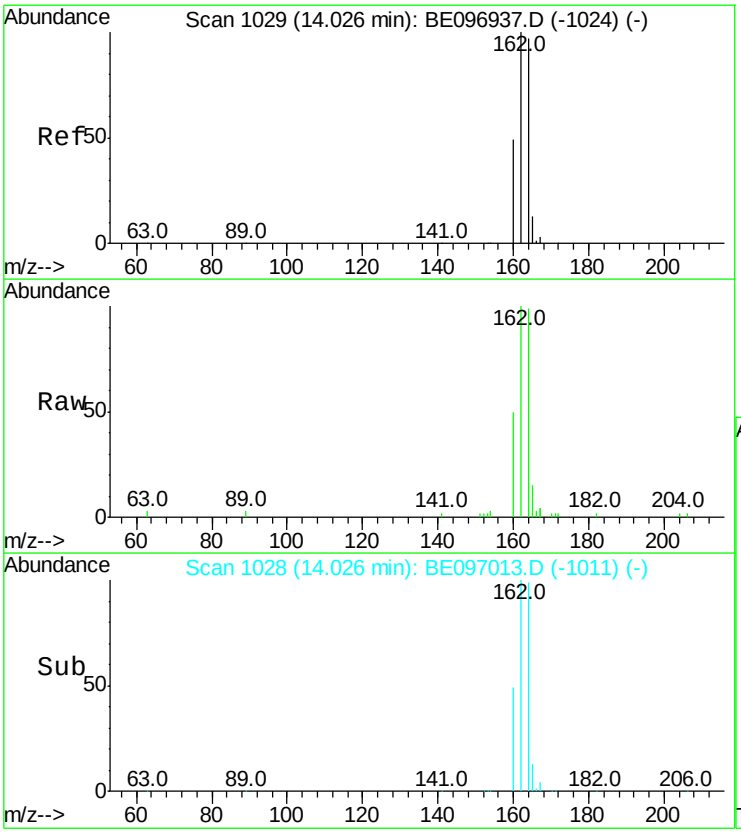
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Instrument :
BNA_E
ClientSampleId :
FB01-071318

Tgt Ion:152 Resp: 3978

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

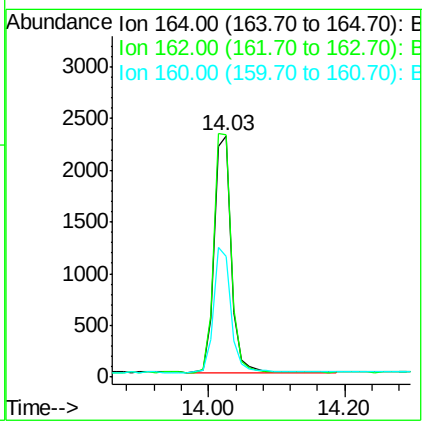


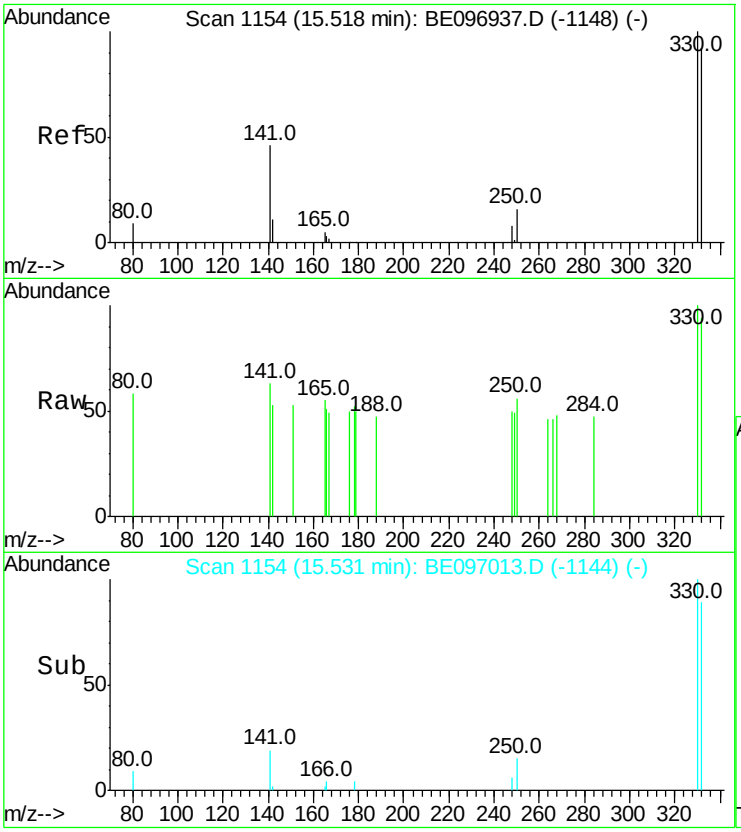


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:164 Resp: 4034

Ion	Ratio	Lower	Upper
164	100		
162	100.6	83.1	124.7
160	50.0	37.1	55.7



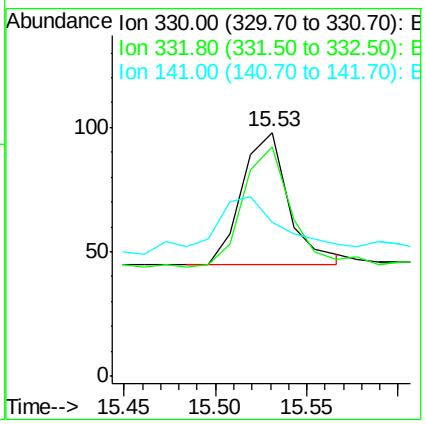


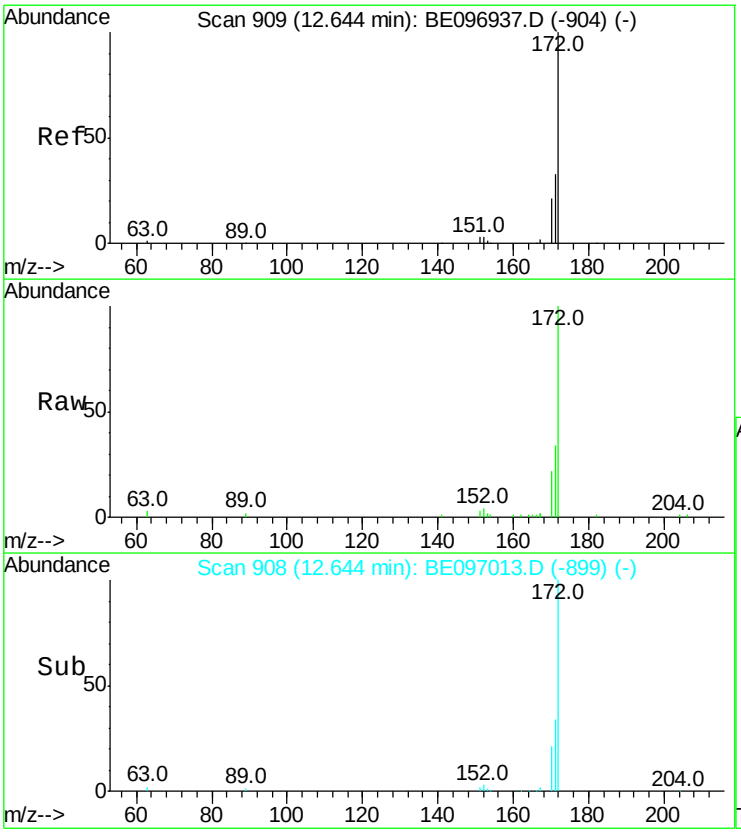
#14
2,4,6-Tribromophenol
Concen: 0.147 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Instrument :
BNA_E
ClientSampleId :
FB01-071318

Tgt Ion:330 Resp: 94

Ion	Ratio	Lower	Upper
330	100		
332	93.6	152.7	229.1#
141	66.0	33.7	50.5#

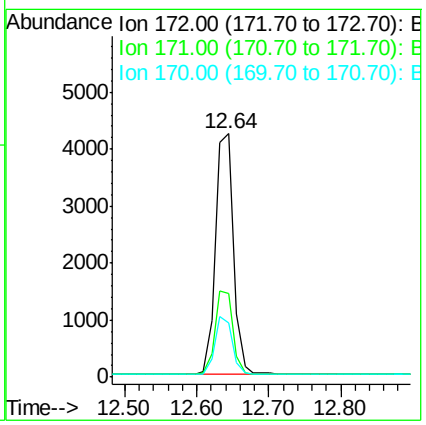


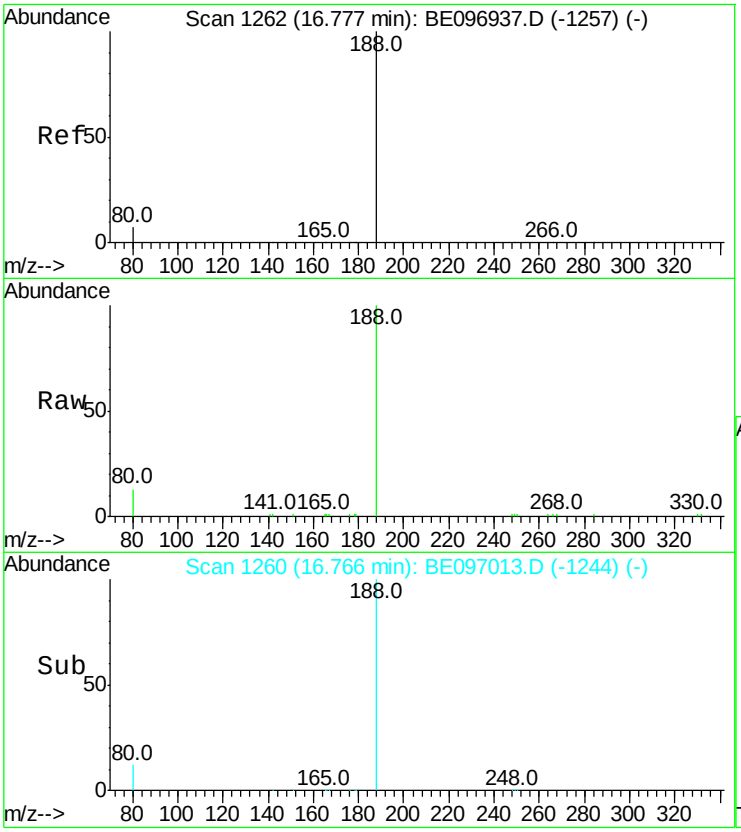


#15
2-Fluorobiphenyl
Concen: 0.490 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:172 Resp: 7349

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.9	44.9
170	22.1	21.8	32.8



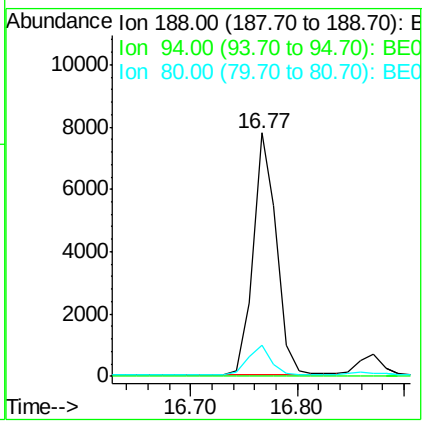


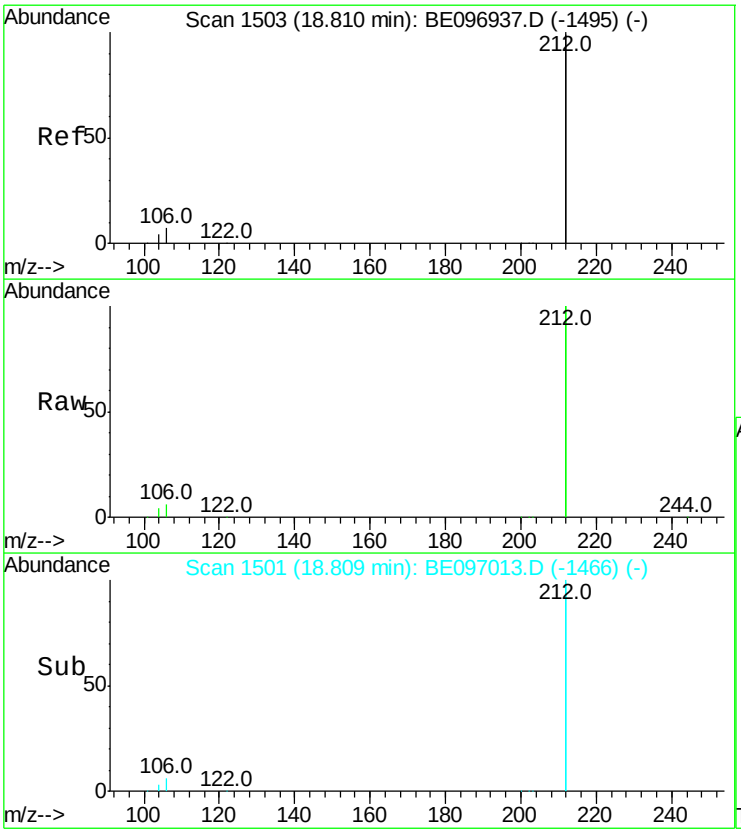
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Instrument :
BNA_E
ClientSampleId :
FB01-071318

Tgt Ion:188 Resp: 11752

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.6	3.6	5.4#

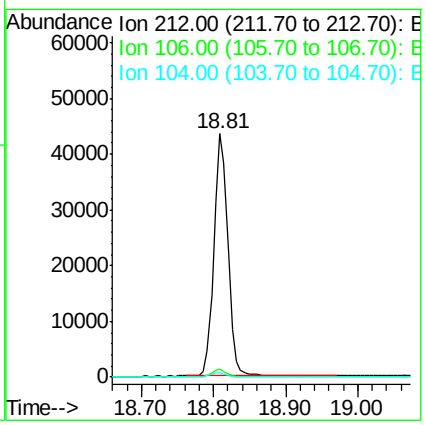


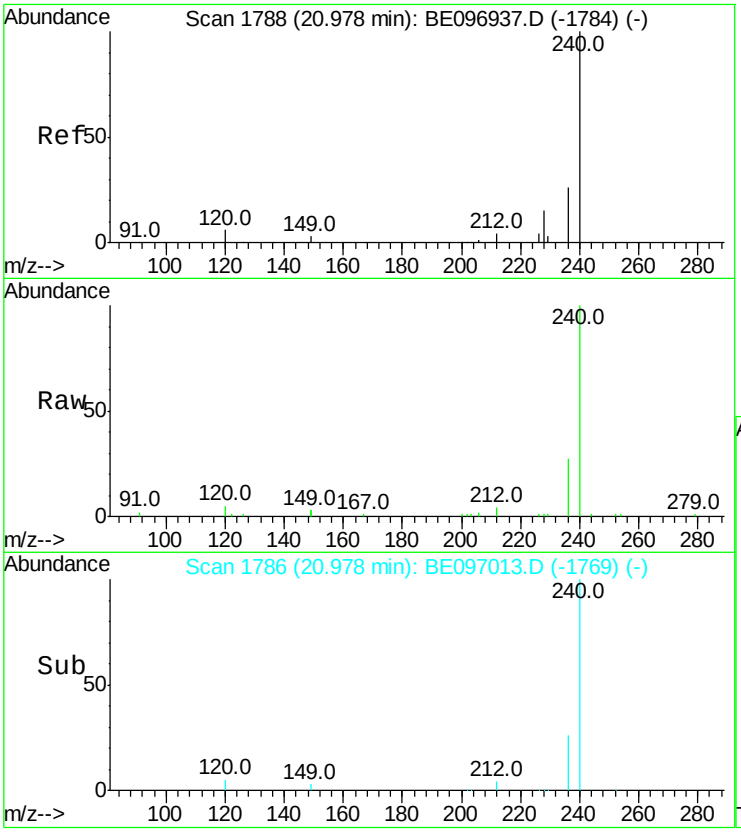


#25
Fluoranthene-d10
Concen: 0.574 ng
RT: 18.81 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:212 Resp: 58705

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4



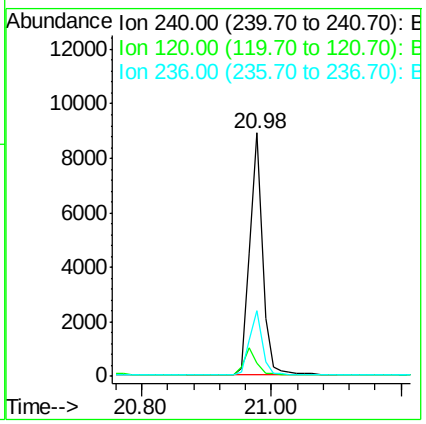


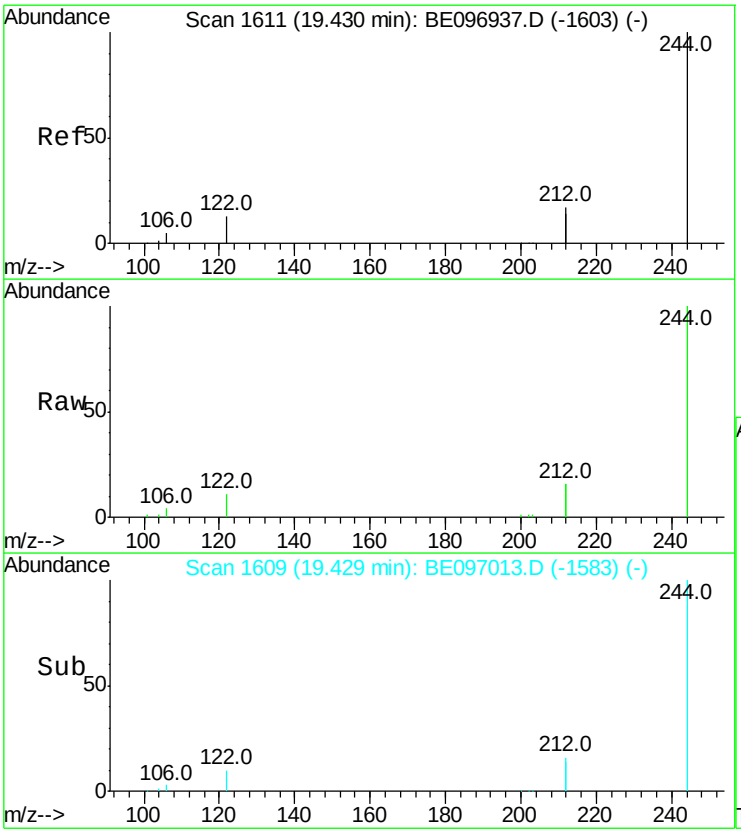
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Instrument :
BNA_E
ClientSampleId :
FB01-071318

Tgt Ion:240 Resp: 11960

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.5	8.3#
236	27.1	20.7	31.1

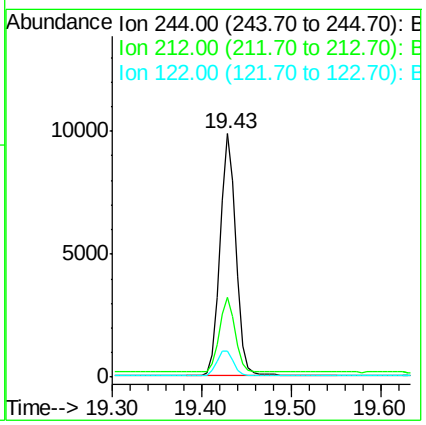


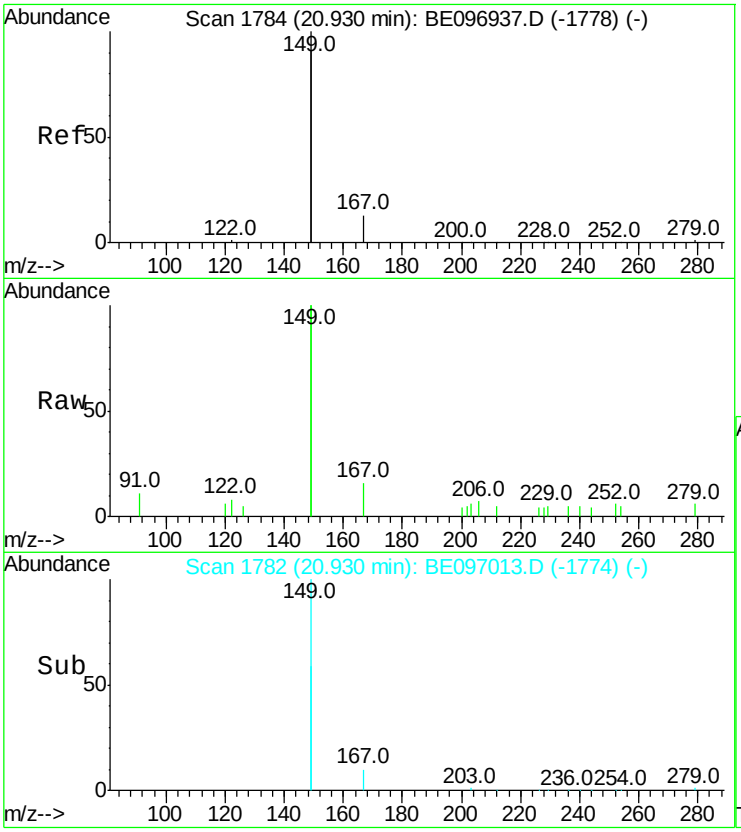


#29
Terphenyl-d14
Concen: 0.528 ng
RT: 19.43 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:244 Resp: 12177

Ion	Ratio	Lower	Upper
244	100		
212	32.8	25.4	38.0
122	10.7	8.1	12.1



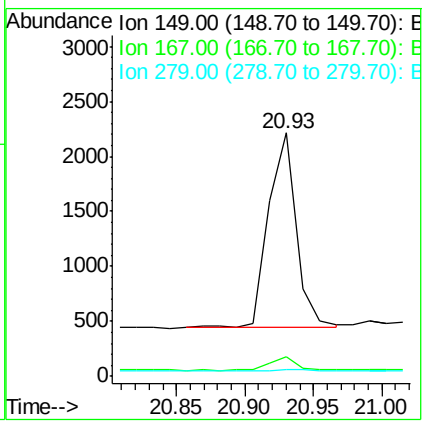


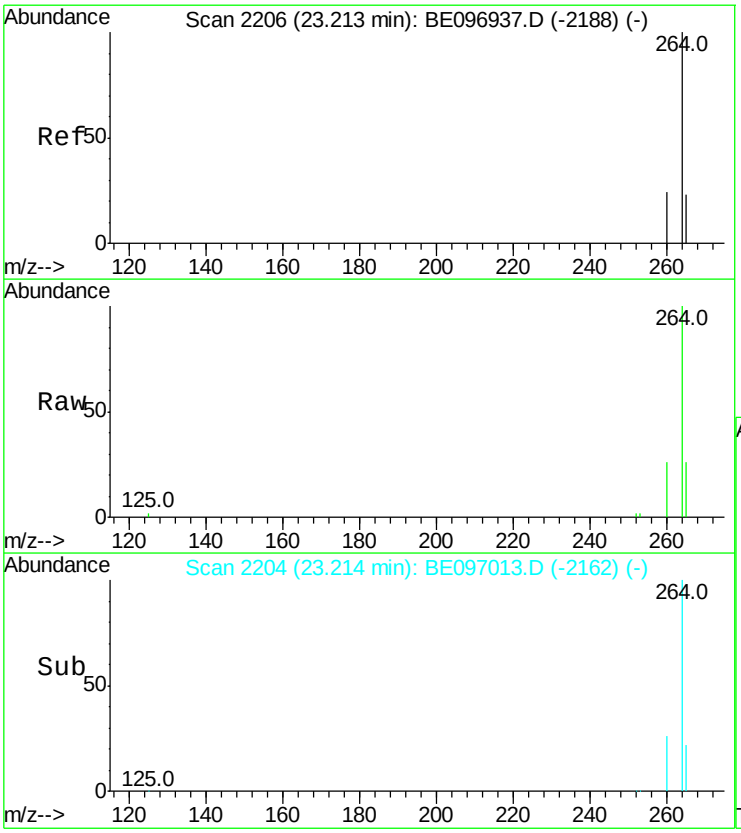
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 20.93 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Instrument :
BNA_E
ClientSampleId :
FB01-071318

Tgt Ion:149 Resp: 2479

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.0	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: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:264 Resp: 11022

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	26.1	22.8	34.2