Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072018\
Data File : BE097022.D
Acq On : 20 Jul 2018 9:41
Operator : SJ/JU
Sample : J4014-01DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 20 11:34:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1236	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6076	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3805	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	10629	0.40	ng		0.00
27) Chrysene-d12	20.98	240	9761	0.40	ng		0.00
34) Perylene-d12	23.21	264	8590	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	88	0.03	ng		0.00
5) Phenol-d6	6.60	99	69	0.02	ng		0.00
8) Nitrobenzene-d5	8.53	82	232	0.05	ng		0.01
11) 2-Methylnaphthalene-d10	11.73	152	436	0.05	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	51	0.11	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	770	0.05	ng		0.01
25) Fluoranthene-d10	18.81	212	5659	0.06	ng		0.00
29) Terphenyl-d14	19.43	244	3660	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1868	1.056	ng		94
22) Pentachlorophenol	16.44	266	15	Below Cal			96
32) Bis(2-ethylhexyl)phthalate	20.93	149	922	0.040	ng	#	98
37) Benzo(a)pyrene	23.12	252	1	0.101	ng	#	1
38) Dibenzo(a,h)anthracene	25.53	278	3	0.118	ng	#	1

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

Quantitation Report (Not Reviewed)

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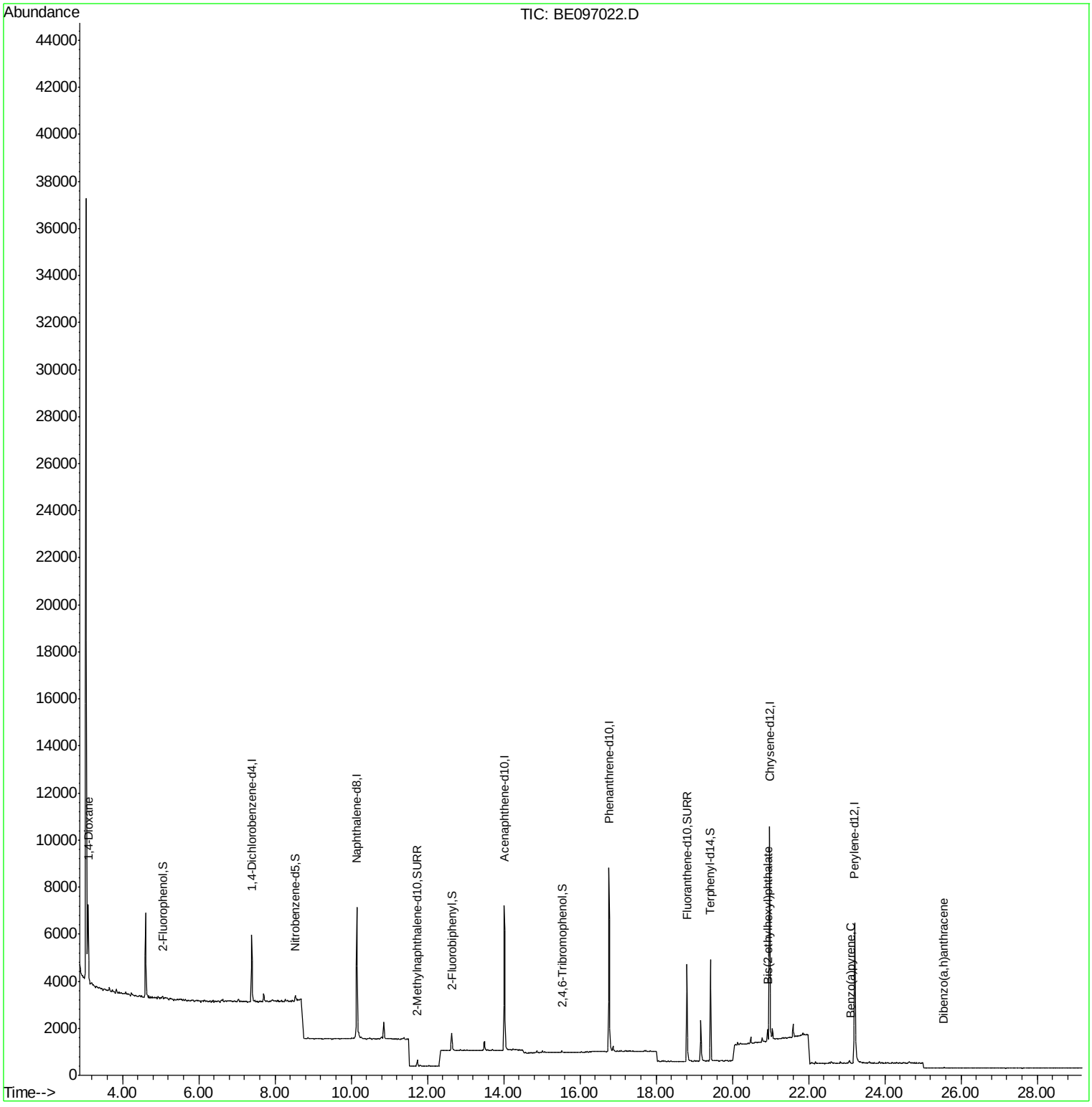
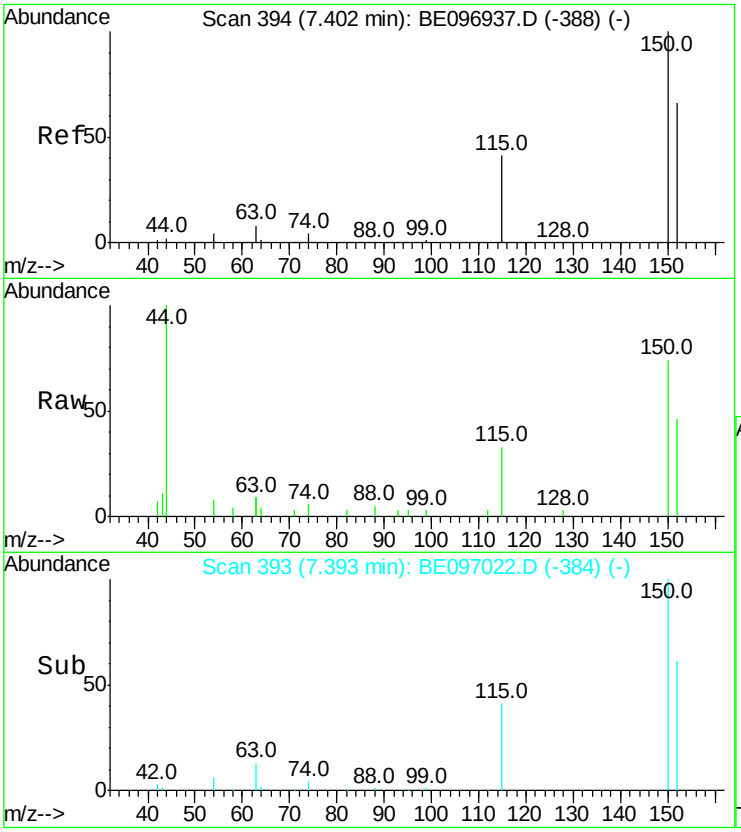
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration



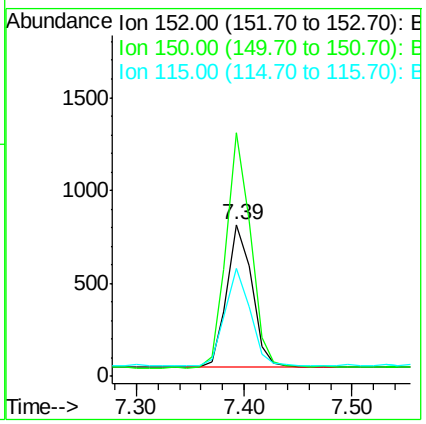


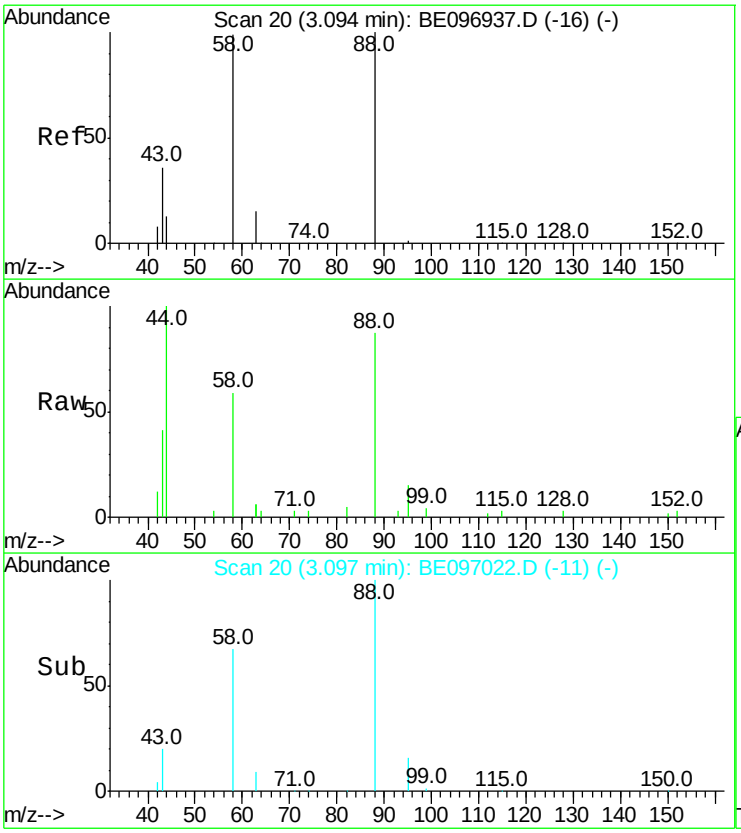
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1236

Ion	Ratio	Lower	Upper
152	100		
150	160.3	117.2	175.8
115	70.7	57.0	85.6

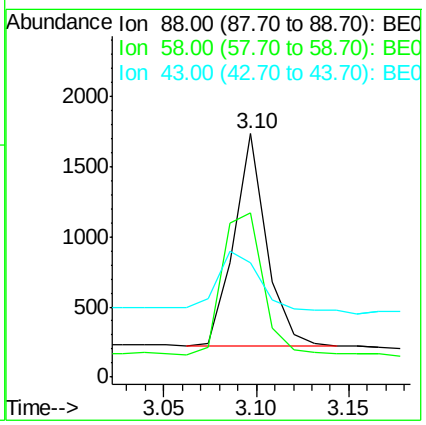


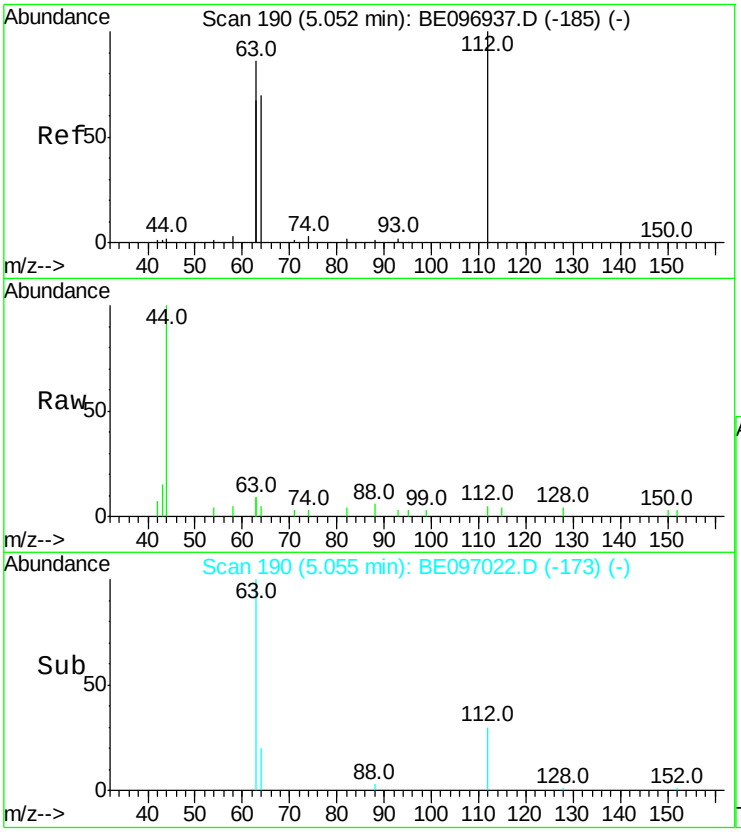


#2
1,4-Dioxane
Concen: 1.056 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Tgt Ion: 88 Resp: 1868

Ion	Ratio	Lower	Upper
88	100		
58	82.3	63.2	94.8
43	44.3	41.2	61.8



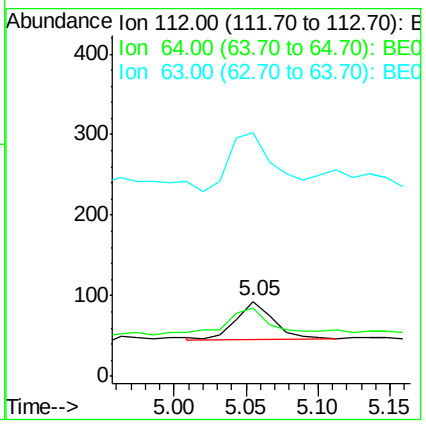


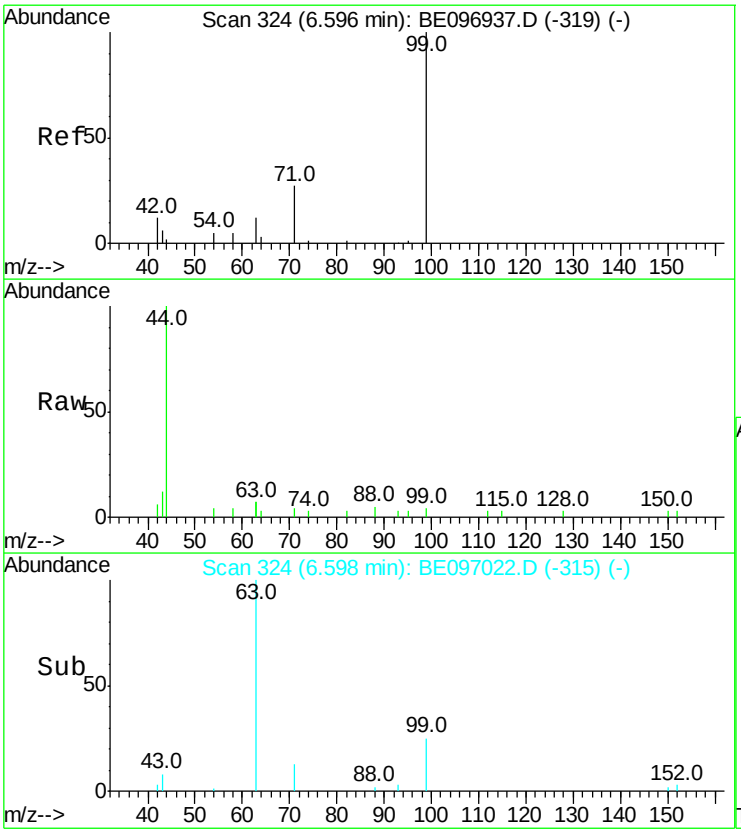
#4
2-Fluorophenol
Concen: 0.030 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 88

Ion	Ratio	Lower	Upper
112	100		
64	95.5	60.1	90.1#
63	173.9	116.8	175.2

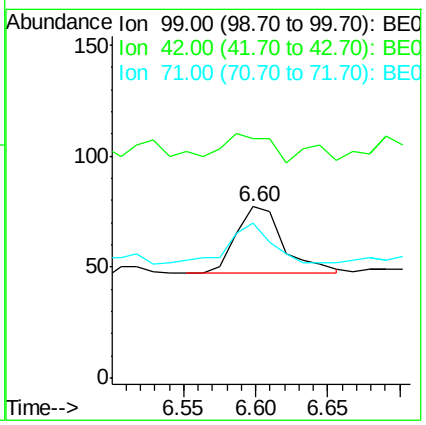


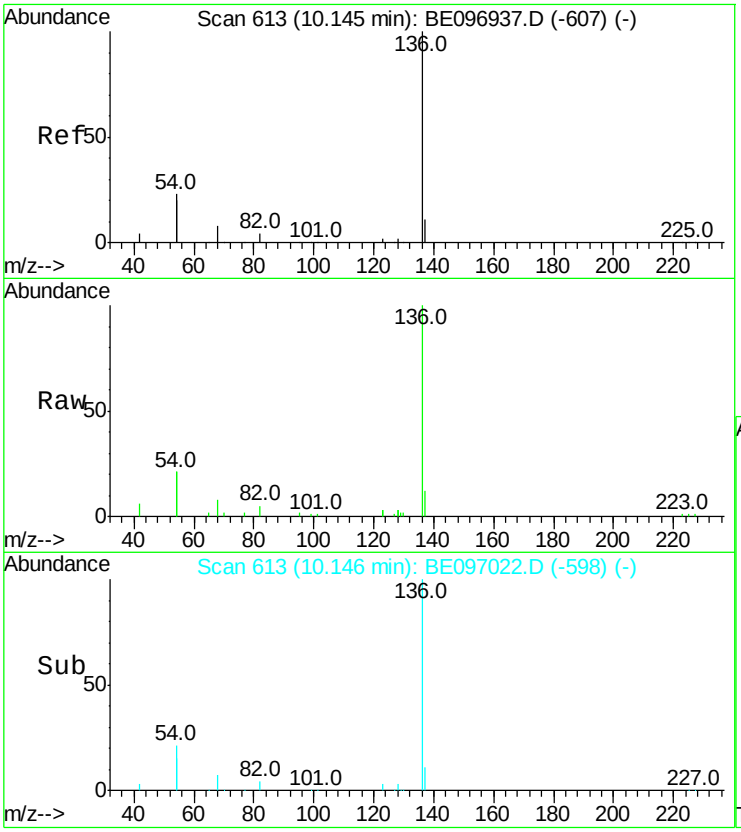


#5
Phenol-d6
Concen: 0.015 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Tgt Ion: 99 Resp: 69

Ion	Ratio	Lower	Upper
99	100		
42	40.6	20.2	30.2#
71	49.3	28.4	42.6#



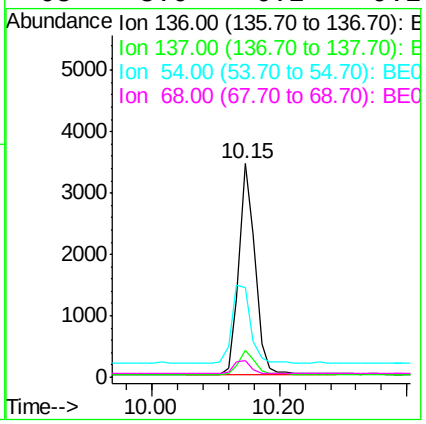


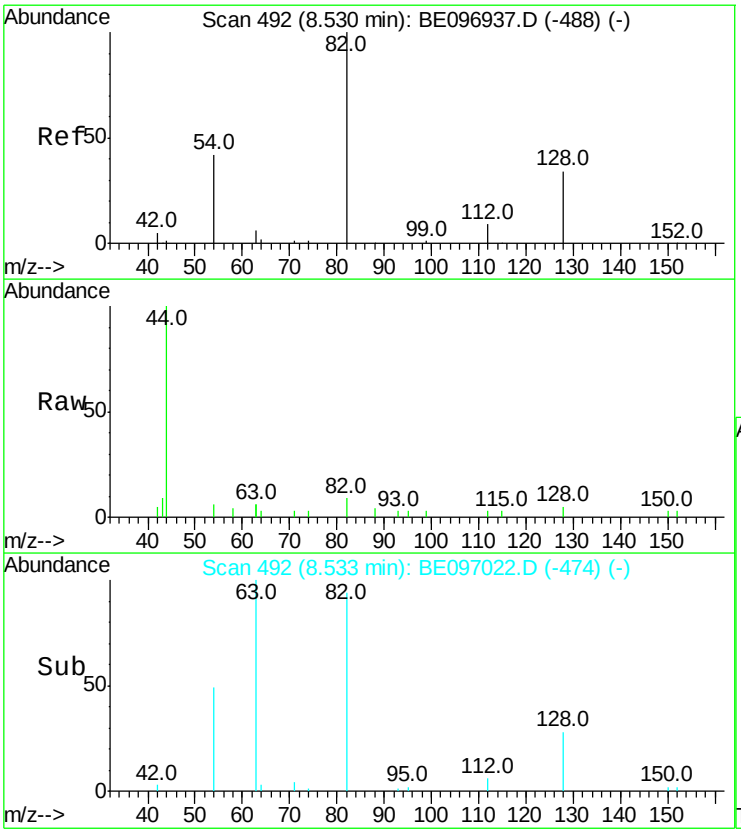
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6076

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	42.0	29.1	43.7
68	8.0	6.2	9.2

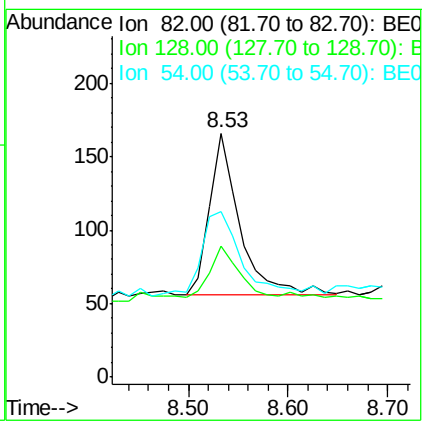


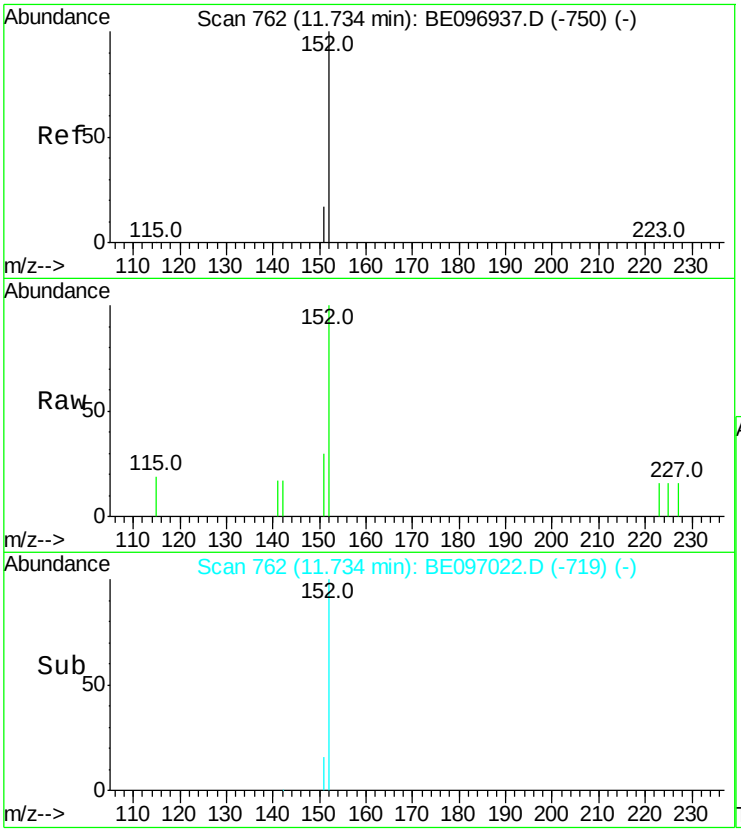


#8
Nitrobenzene-d5
Concen: 0.052 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Tgt Ion: 82 Resp: 232

Ion	Ratio	Lower	Upper
82	100		
128	53.6	24.0	36.0#
54	68.1	40.0	60.0#



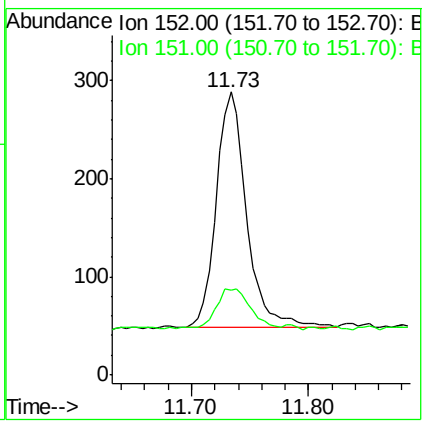


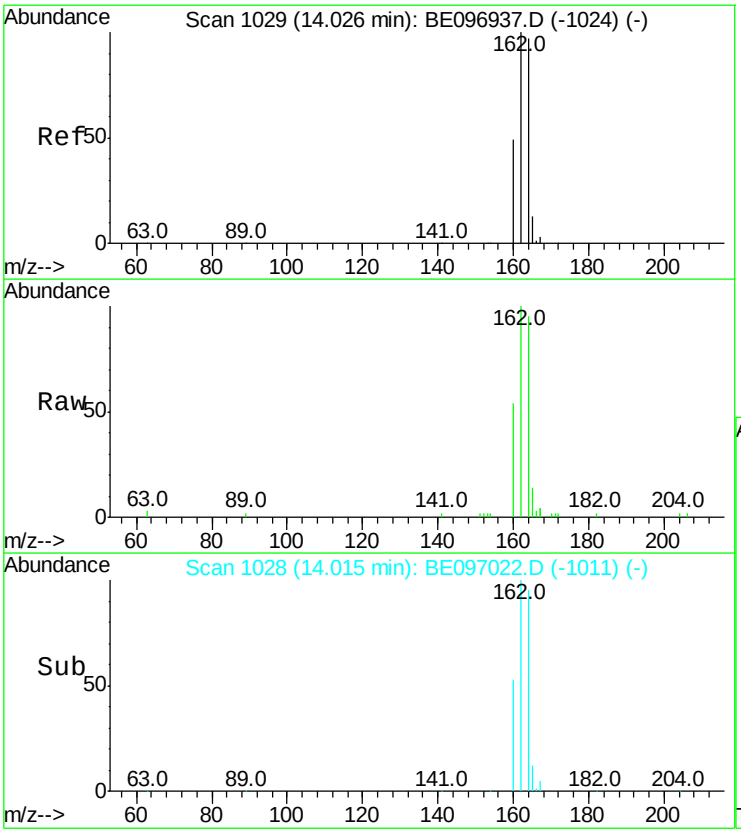
#11
2-Methylnaphthalene-d10
Concen: 0.049 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 436

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.4	23.0

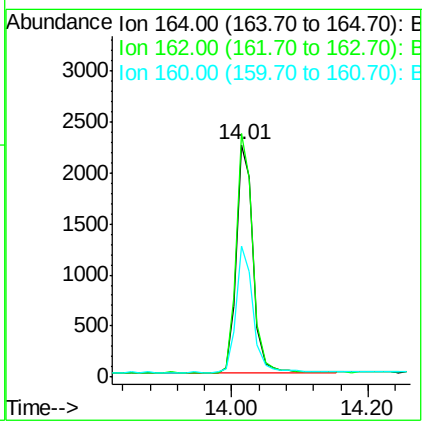


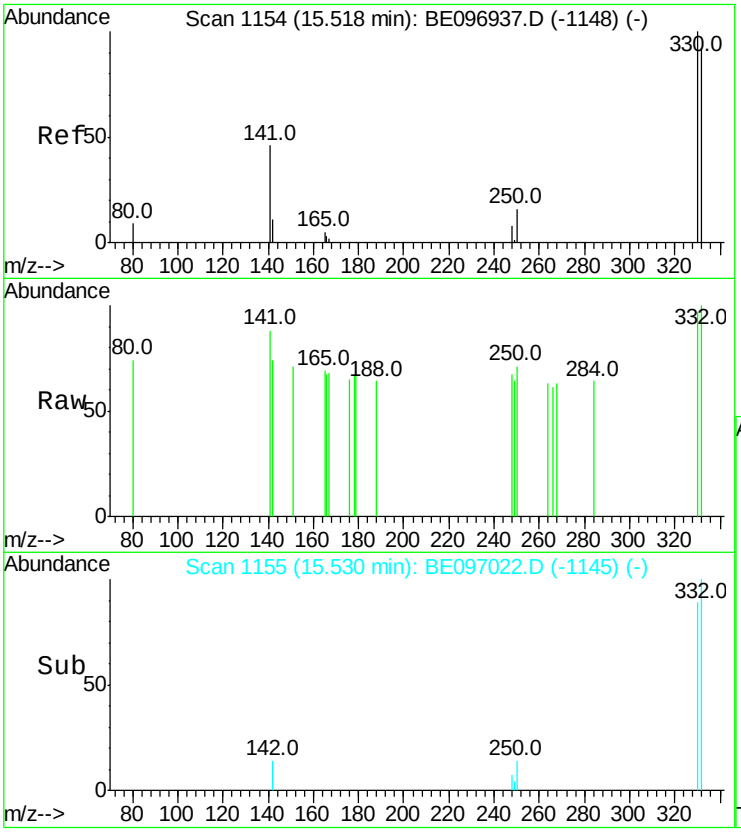


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Tgt Ion:164 Resp: 3805

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.1	124.7
160	56.6	37.1	55.7#



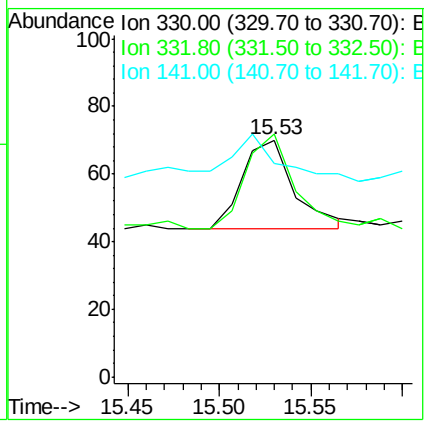


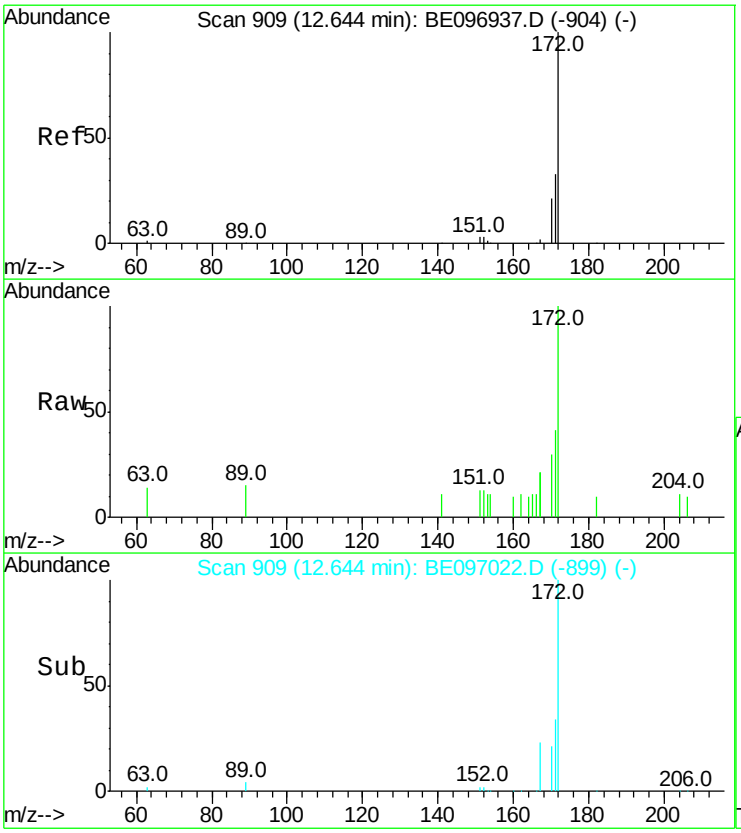
#14
2,4,6-Tribromophenol
Concen: 0.105 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 51

Ion	Ratio	Lower	Upper
330	100		
332	100.0	152.7	229.1#
141	49.0	33.7	50.5

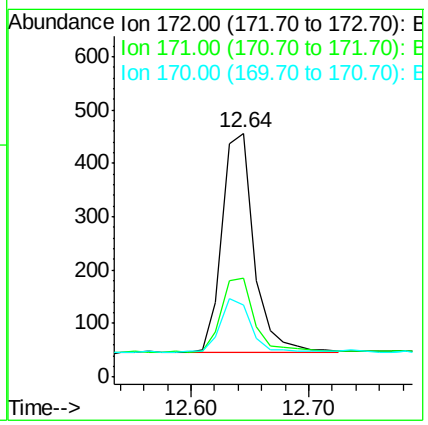


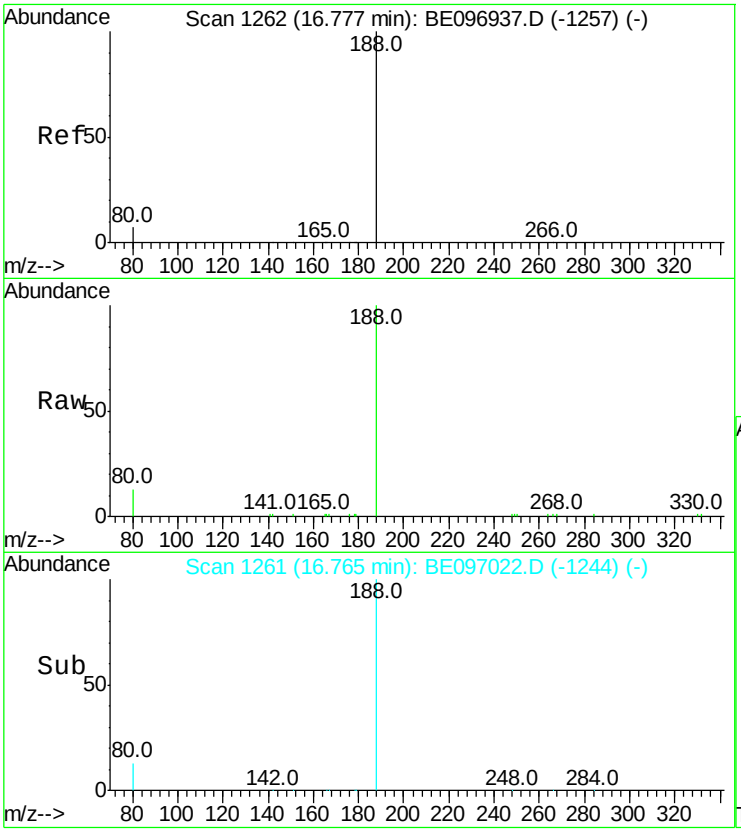


#15
2-Fluorobiphenyl
Concen: 0.054 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.01 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Tgt Ion:172 Resp: 770

Ion	Ratio	Lower	Upper
172	100		
171	40.8	29.9	44.9
170	29.6	21.8	32.8



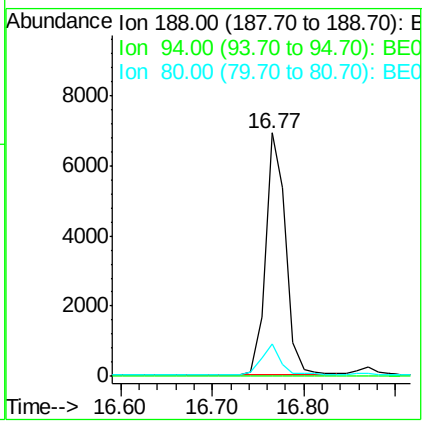


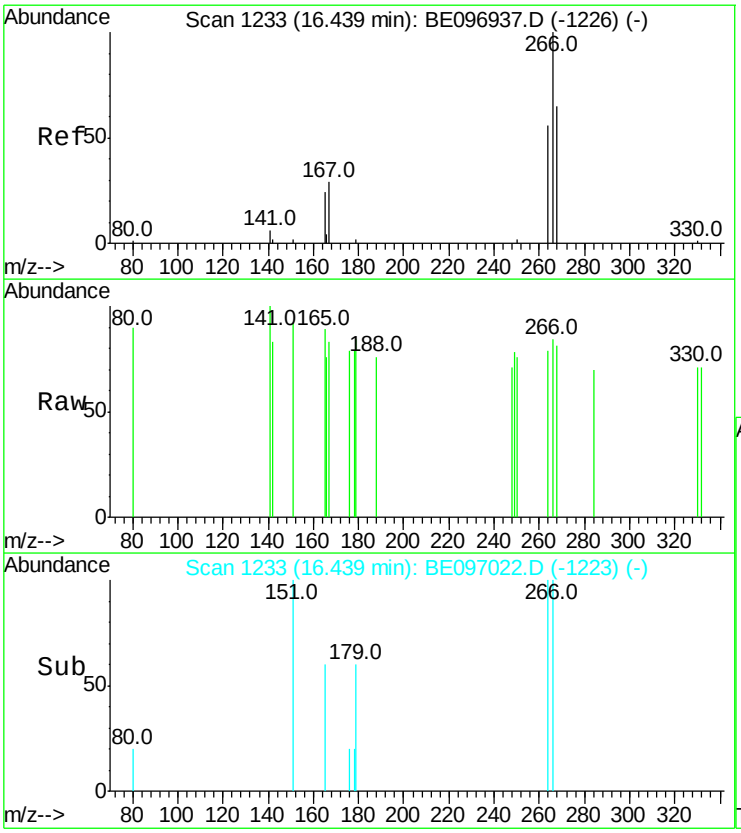
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10629

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.5	3.6	5.4#

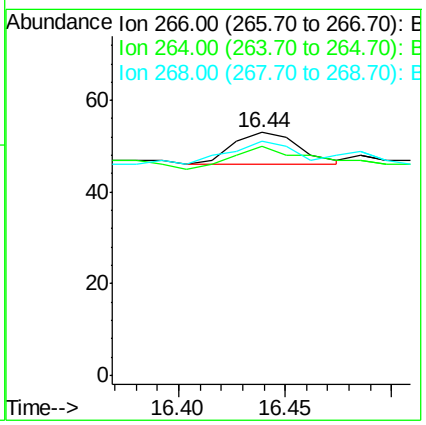


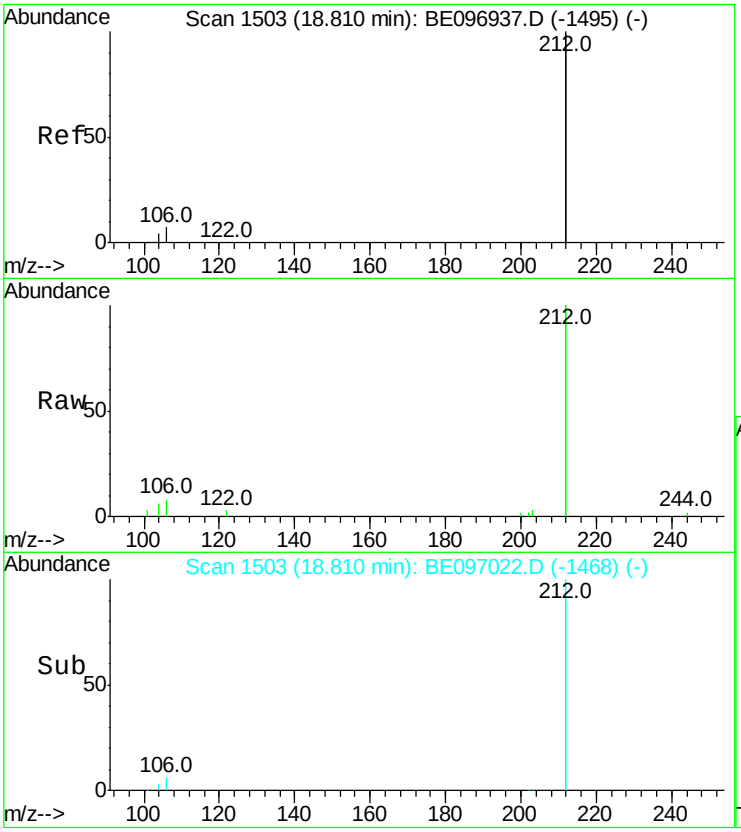


#22
Pentachlorophenol
Concen: Below Cal
RT: 16.44 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Tgt Ion:266 Resp: 15

Ion	Ratio	Lower	Upper
266	100		
264	94.3	72.5	108.7
268	96.2	73.8	110.6



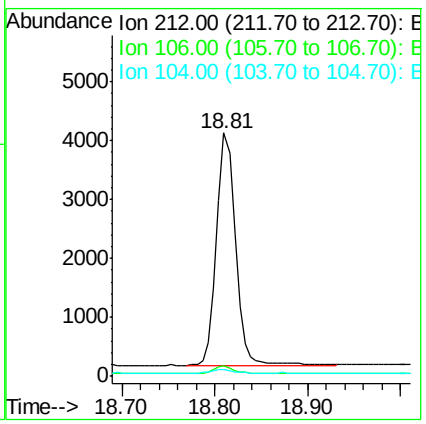


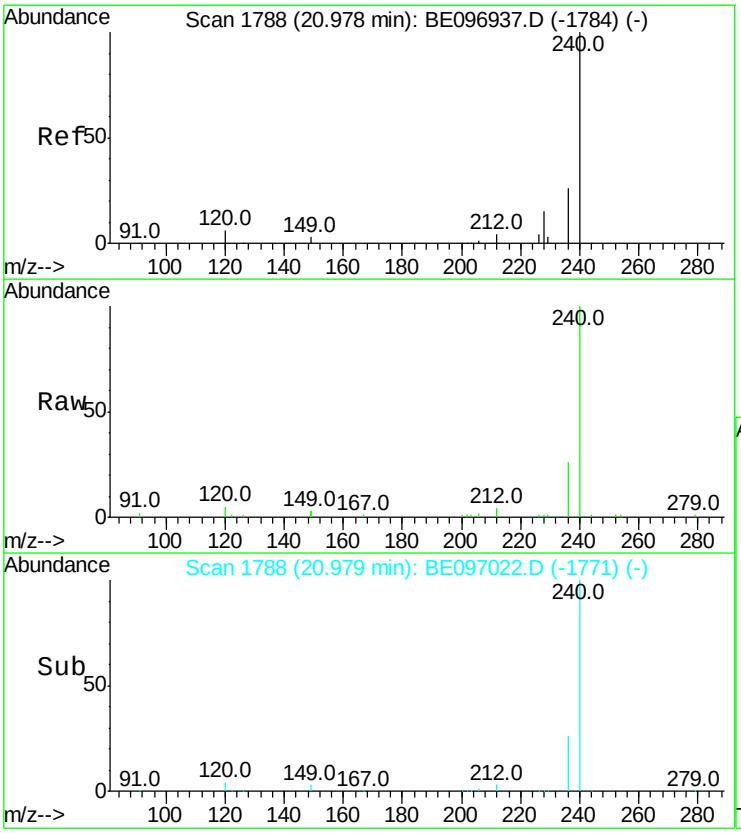
#25
Fluoranthene-d10
Concen: 0.061 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 5659

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

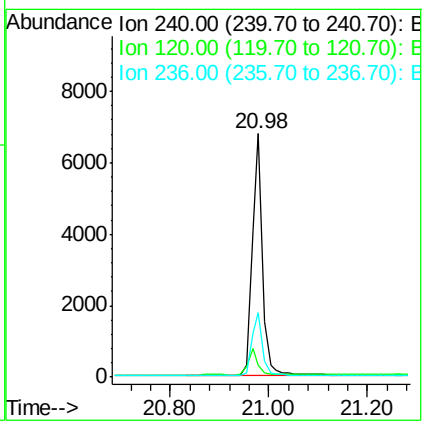


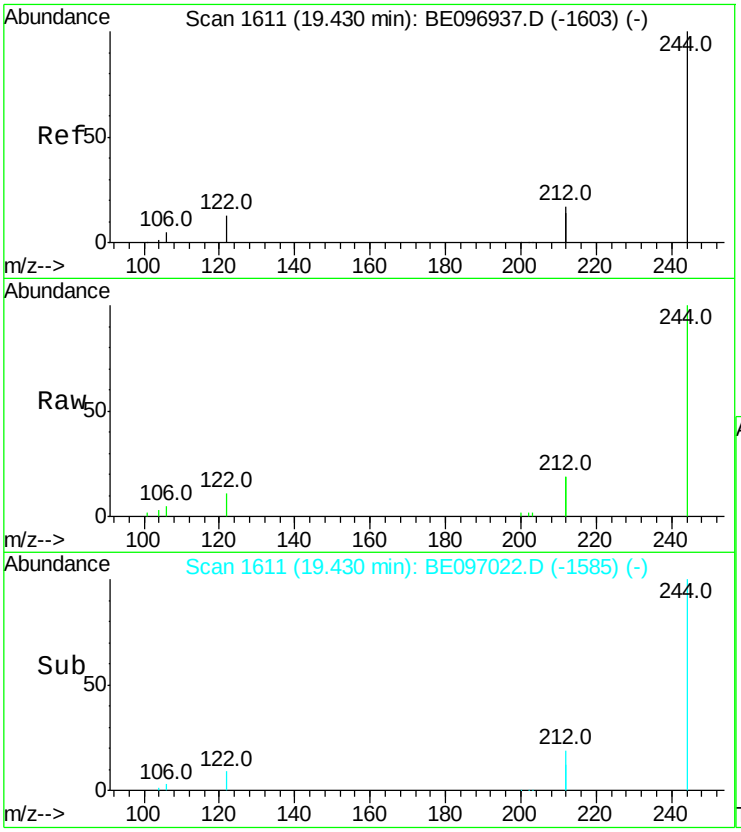


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Tgt Ion:240 Resp: 9761

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.5	8.3#
236	26.4	20.7	31.1



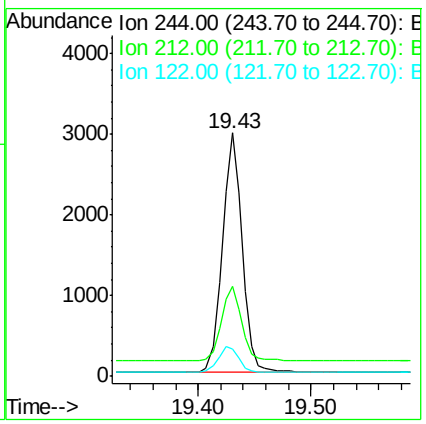


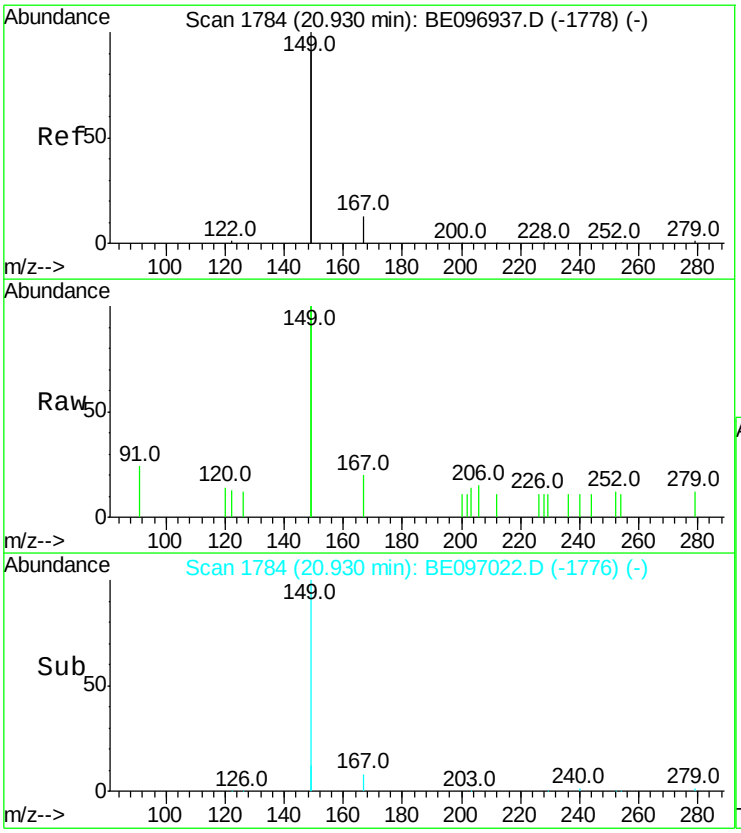
#29
Terphenyl-d14
Concen: 0.194 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3660

Ion	Ratio	Lower	Upper
244	100		
212	37.2	25.4	38.0
122	11.1	8.1	12.1

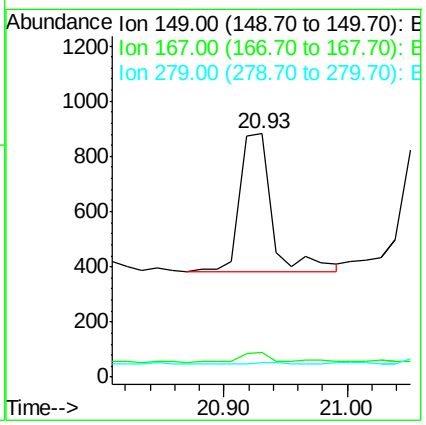


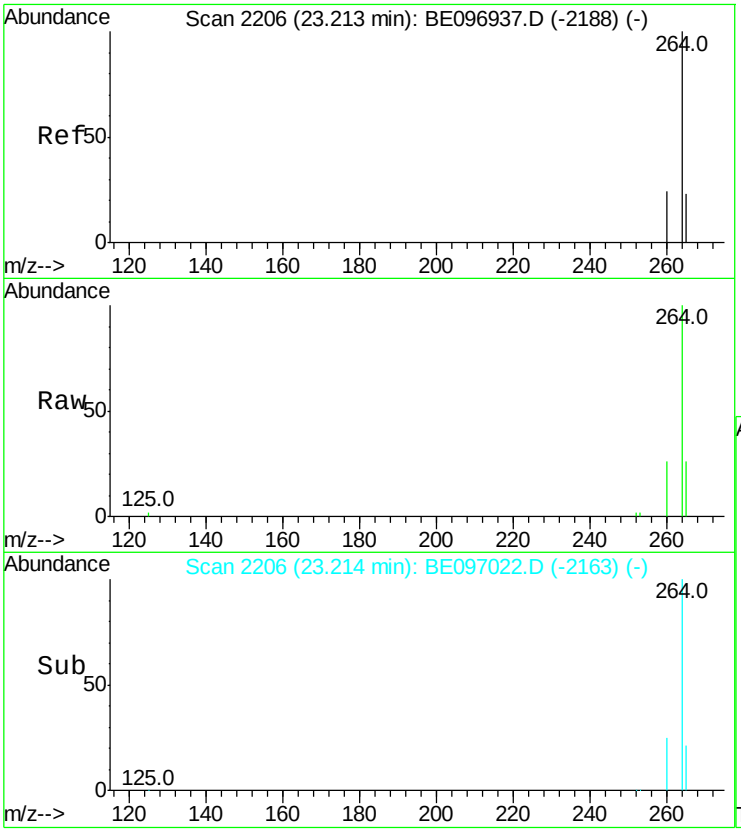


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.040 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Tgt Ion:149 Resp: 922

Ion	Ratio	Lower	Upper
149	100		
167	5.9	5.4	8.0
279	0.7	0.7	1.1#



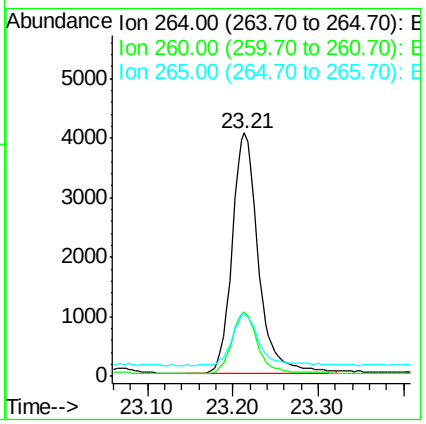


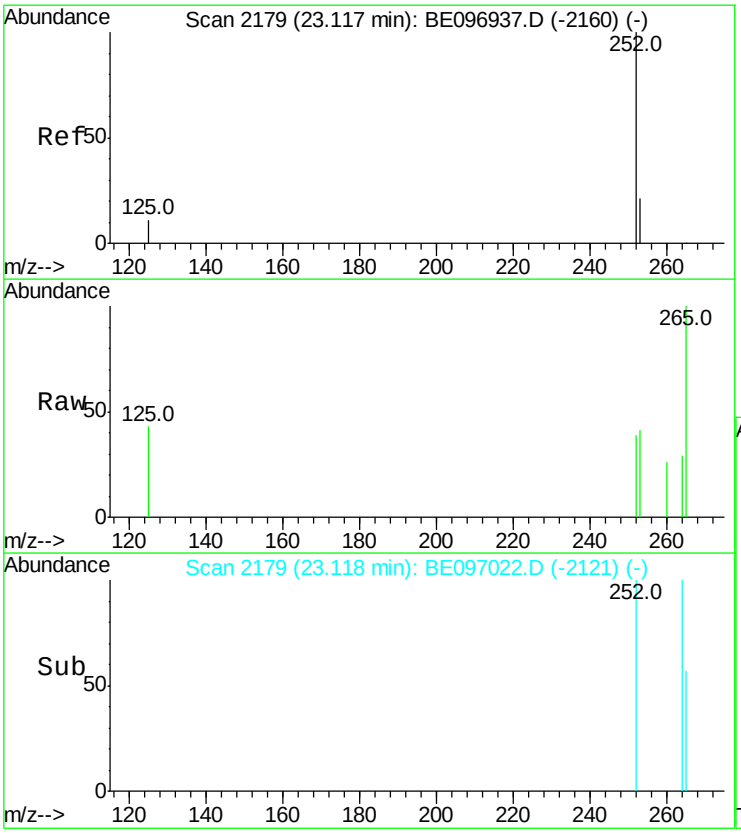
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 8590

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	25.6	22.8	34.2

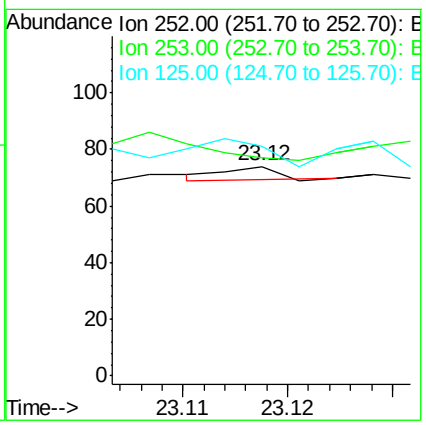


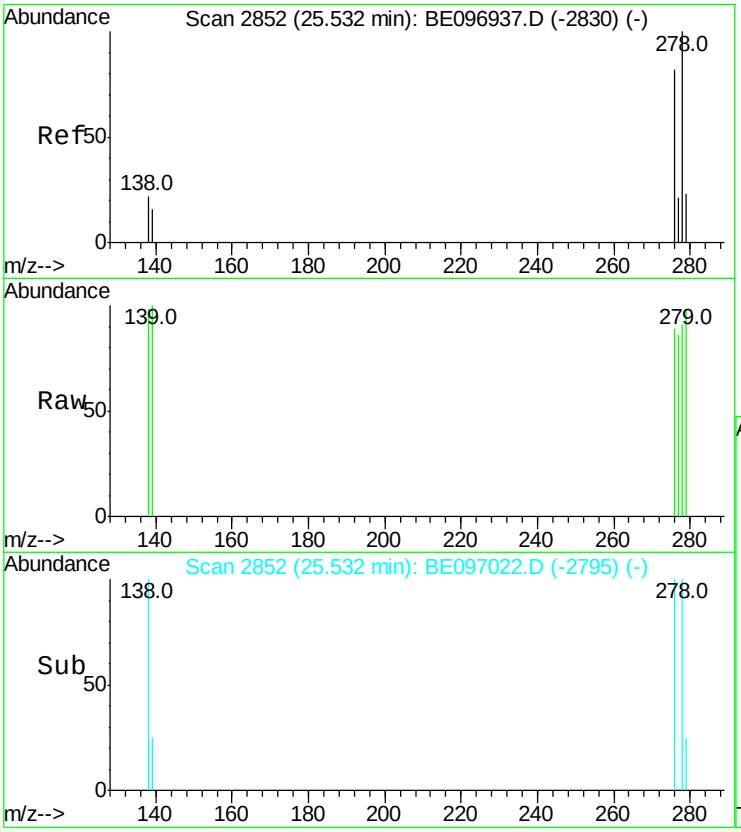


#37
Benzo(a)pyrene
Concen: 0.101 ng
RT: 23.12 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Tgt Ion:252 Resp: 1

Ion	Ratio	Lower	Upper
252	100		
253	104.1	16.0	24.0#
125	109.5	12.0	18.0#





#38
Dibenzo(a,h)anthracene
Concen: 0.118 ng
RT: 25.53 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE097022.D
Acq: 20 Jul 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 3

Ion	Ratio	Lower	Upper
278	100		
139	109.8	16.0	24.0#
279	107.8	20.0	30.0#