Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
Data File : BE096931.D
Acq On : 14 Jul 2018 8:46
Operator : SJ/JU
Sample : J3170-10DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 16 00:19:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 17:02:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2357	0.40	ng	0.01
7) Naphthalene-d8	10.14	136	12170	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6627	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	16594	0.40	ng	0.01
27) Chrysene-d12	20.98	240	13674	0.40	ng	0.00
34) Perylene-d12	23.21	264	13922	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	248	0.05	ng	0.00
5) Phenol-d6	6.60	99	216	0.03	ng	0.01
8) Nitrobenzene-d5	8.53	82	784	0.11	ng	0.01
11) 2-Methylnaphthalene-d10	11.74	152	1578	0.09	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	146	0.23	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	3082	0.13	ng	0.00
25) Fluoranthene-d10	18.82	212	13819	0.09	ng	0.00
29) Terphenyl-d14	19.43	244	3611	0.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	4733	1.340	ng	# 89
22) Pentachlorophenol	16.41	266	16	0.048	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	1139	0.042	ng	# 100
36) Benzo(k)fluoranthene	22.57	252	4	0.083	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	10	0.110	ng	# 1

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

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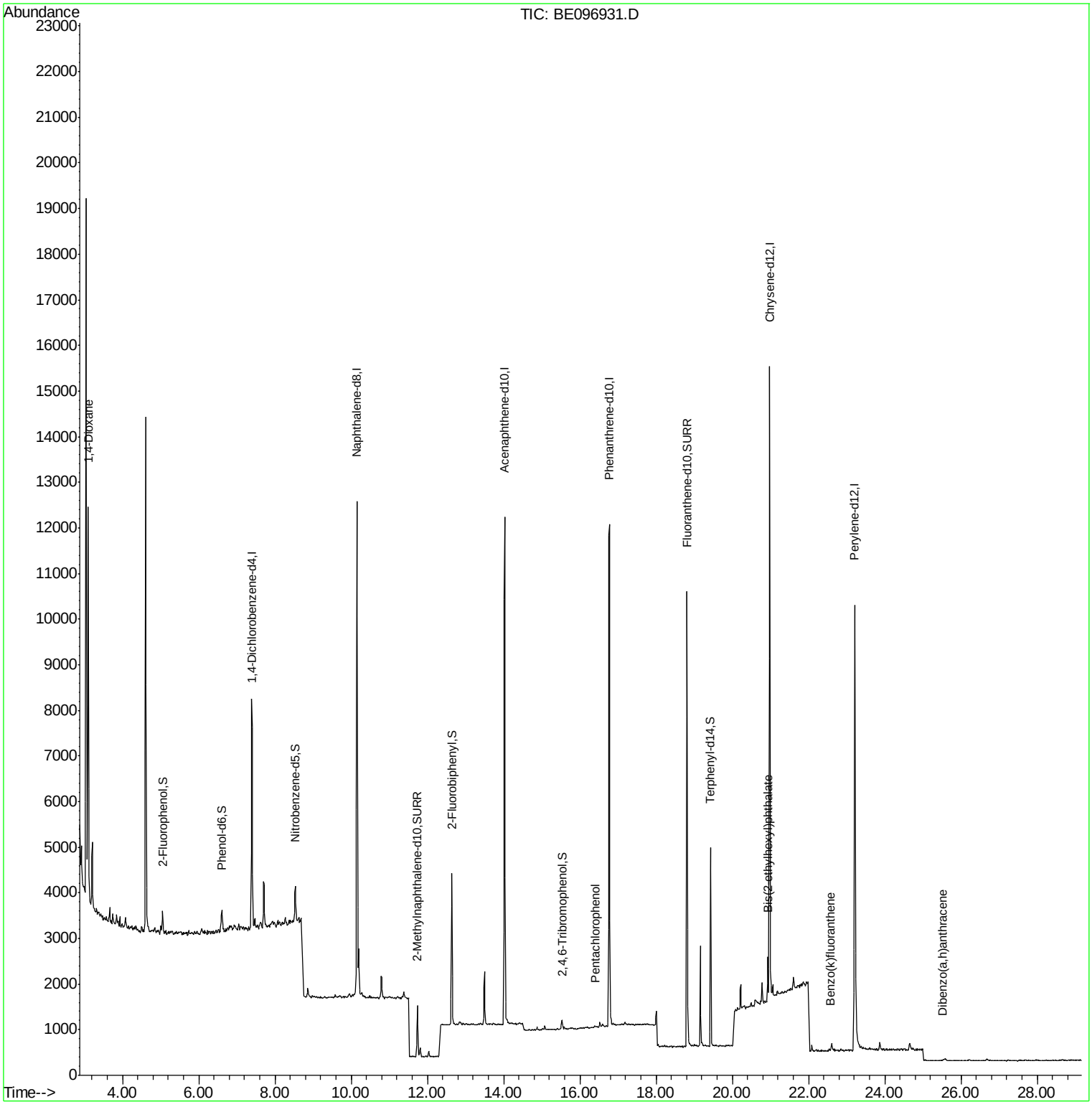
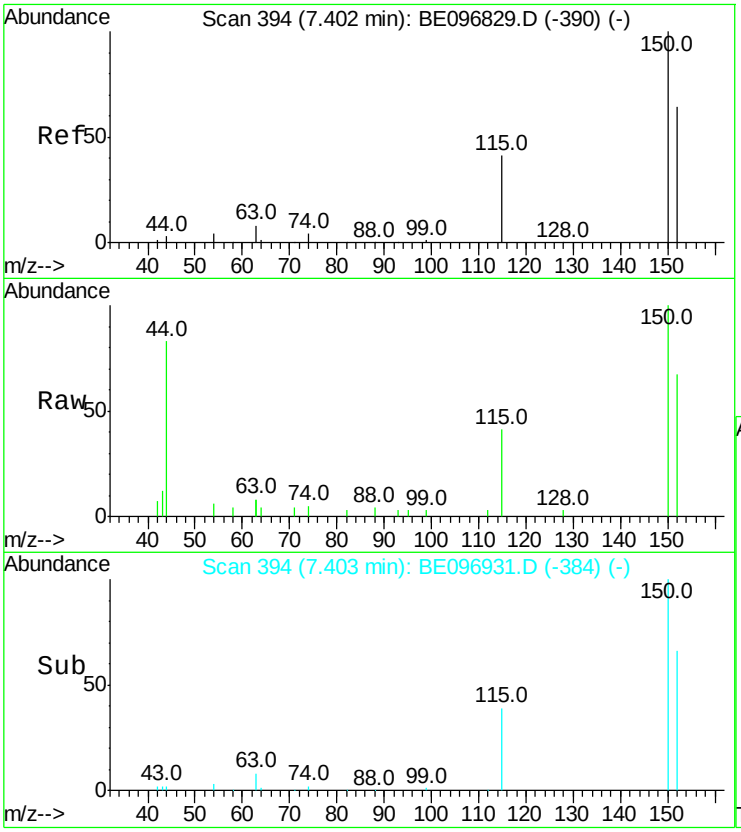


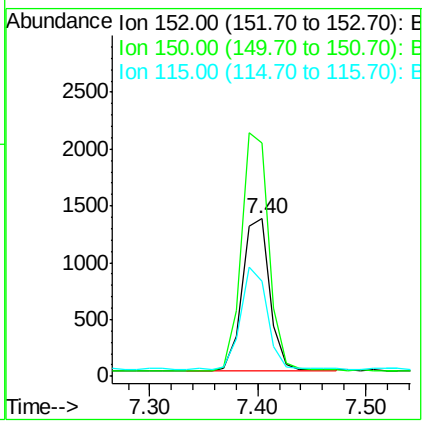


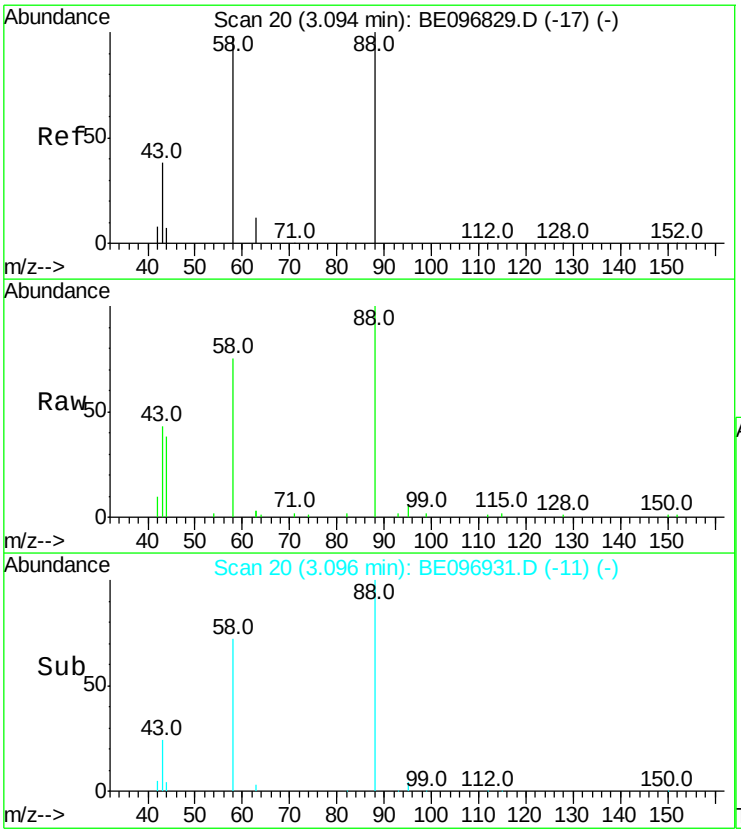
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2357

Ion	Ratio	Lower	Upper
152	100		
150	148.4	117.2	175.8
115	60.3	57.0	85.6

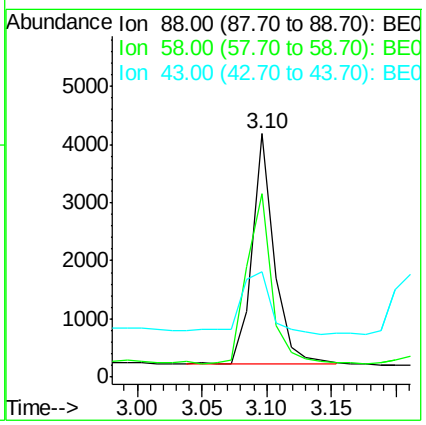


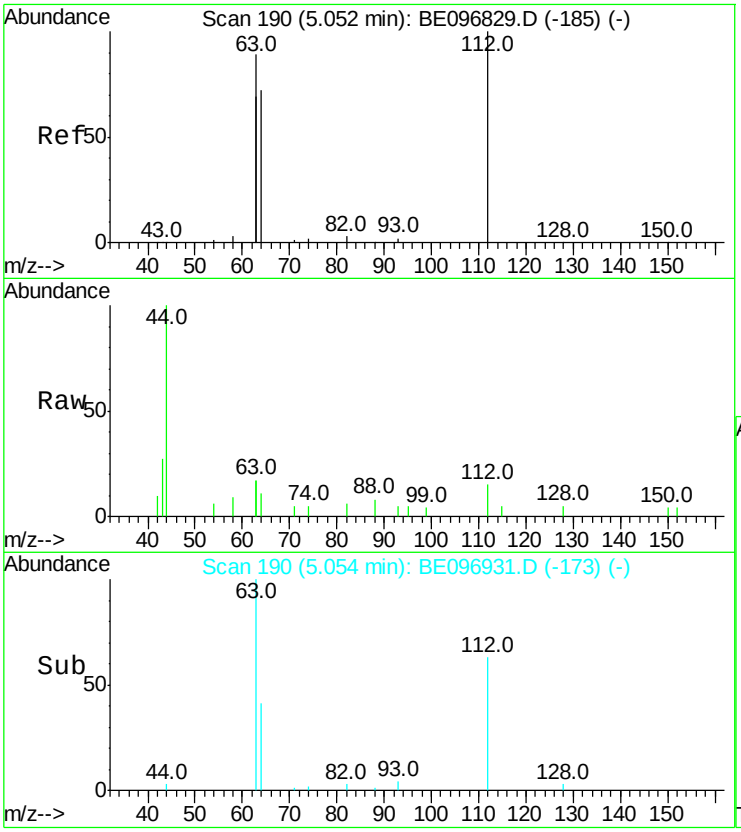


#2
1,4-Dioxane
Concen: 1.340 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Tgt Ion: 88 Resp: 4733

Ion	Ratio	Lower	Upper
88	100		
58	82.7	63.2	94.8
43	37.0	41.2	61.8#



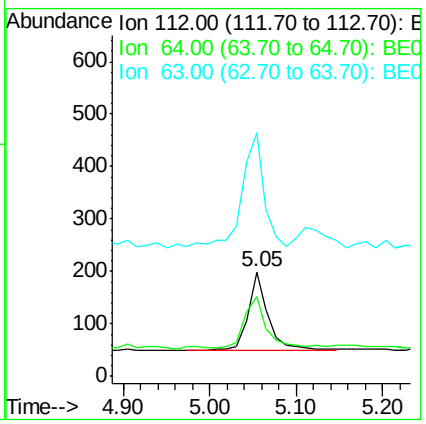


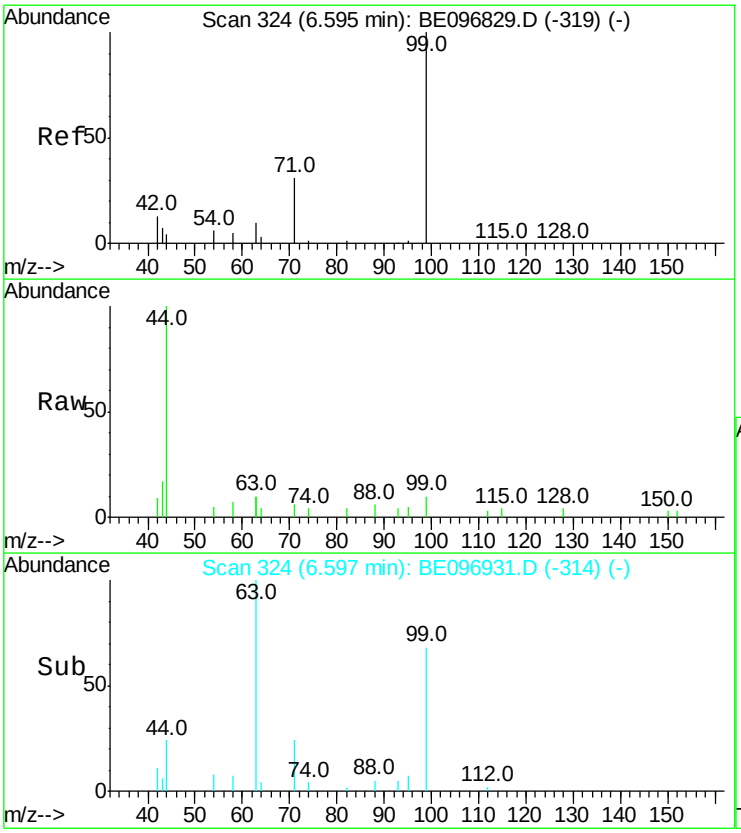
#4
2-Fluorophenol
Concen: 0.047 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 248

Ion	Ratio	Lower	Upper
112	100		
64	71.0	60.1	90.1
63	152.0	116.8	175.2

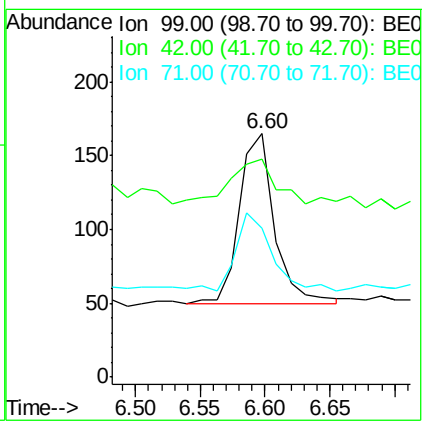


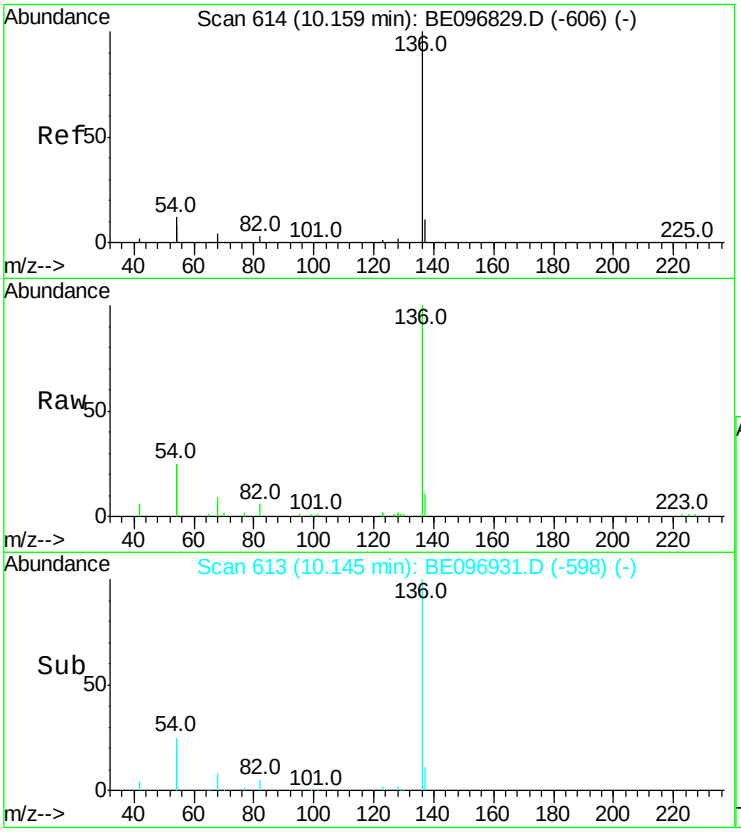


#5
Phenol-d6
Concen: 0.027 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.01 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Tgt Ion: 99 Resp: 216

Ion	Ratio	Lower	Upper
99	100		
42	30.1	20.2	30.2
71	48.6	28.4	42.6#



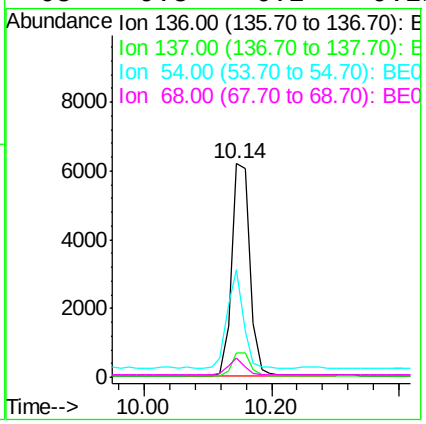


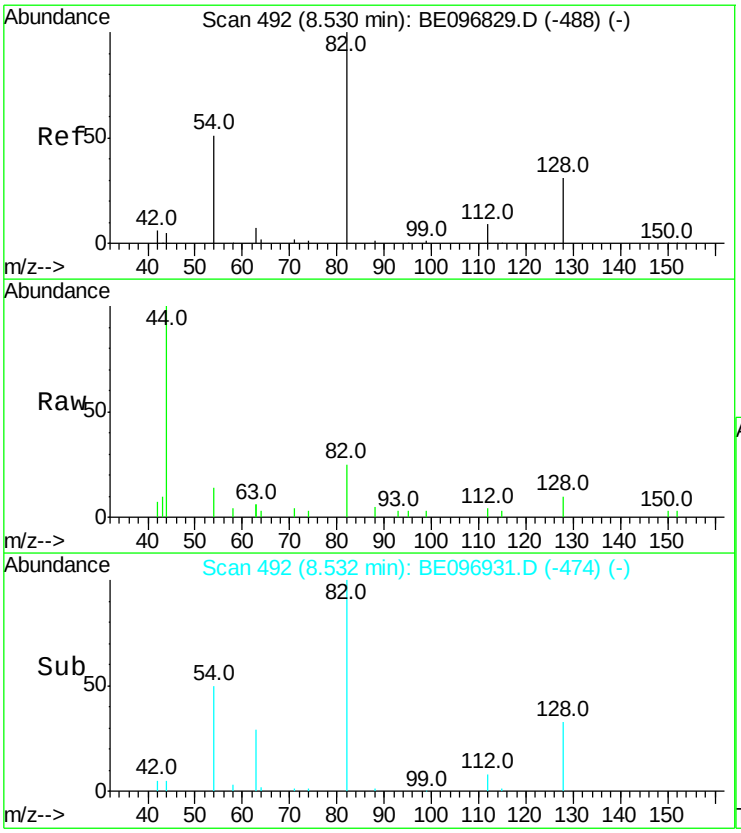
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 12170

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	50.2	29.1	43.7#
68	9.3	6.2	9.2#

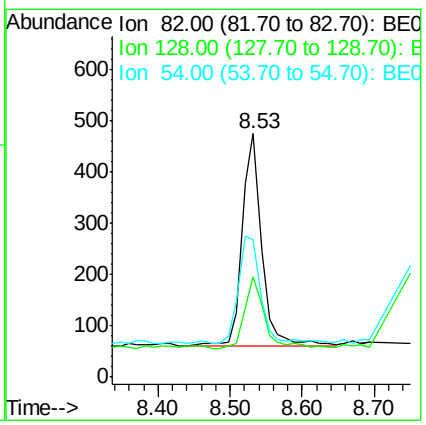


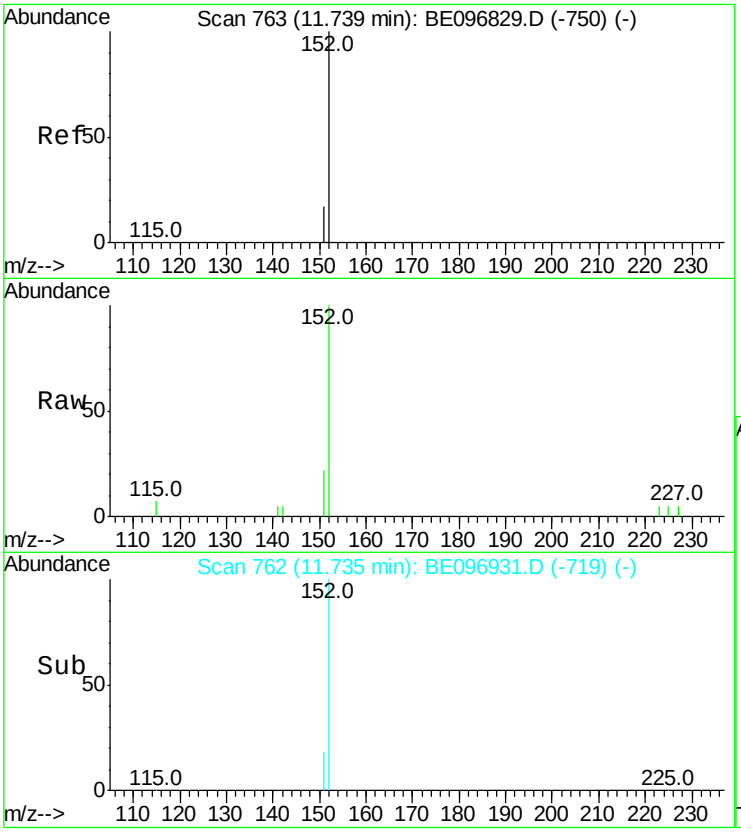


#8
Nitrobenzene-d5
Concen: 0.106 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Tgt Ion: 82 Resp: 784

Ion	Ratio	Lower	Upper
82	100		
128	41.4	24.0	36.0#
54	56.5	40.0	60.0



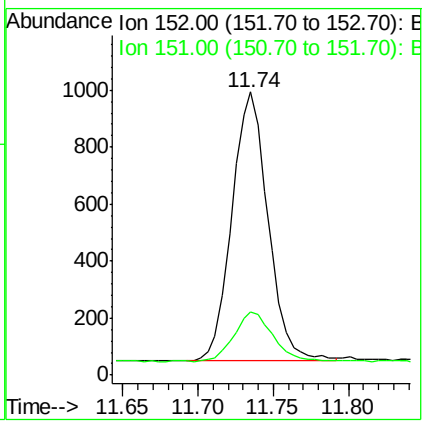


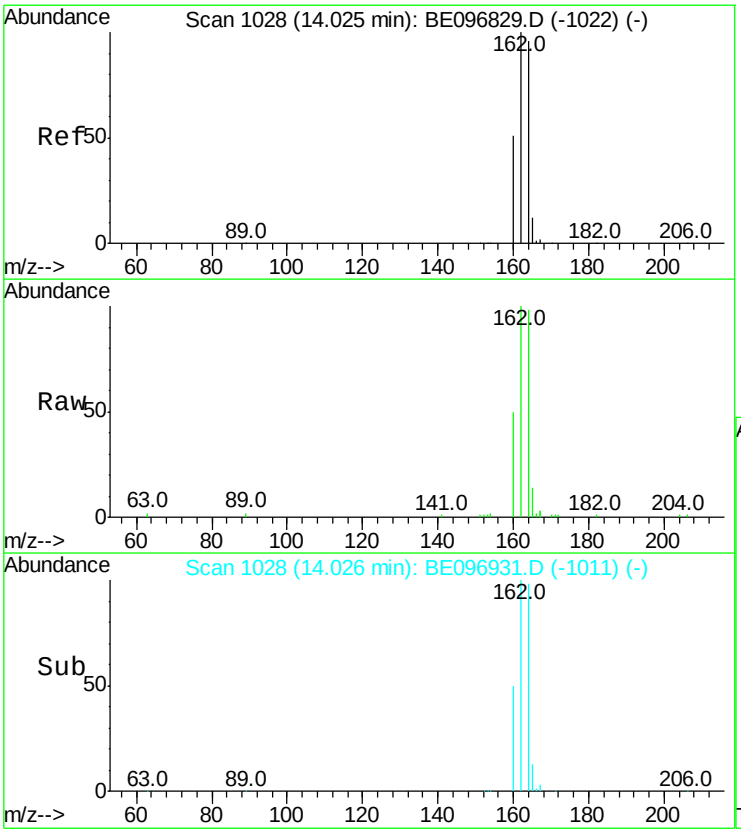
#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 11.74 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1578

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

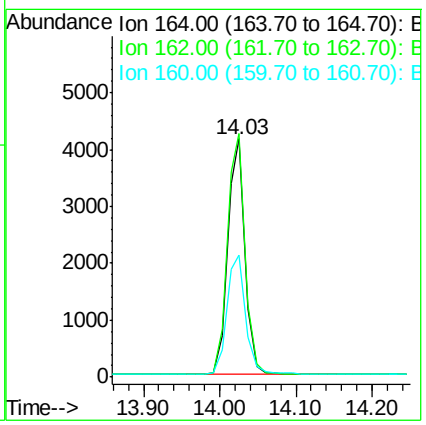


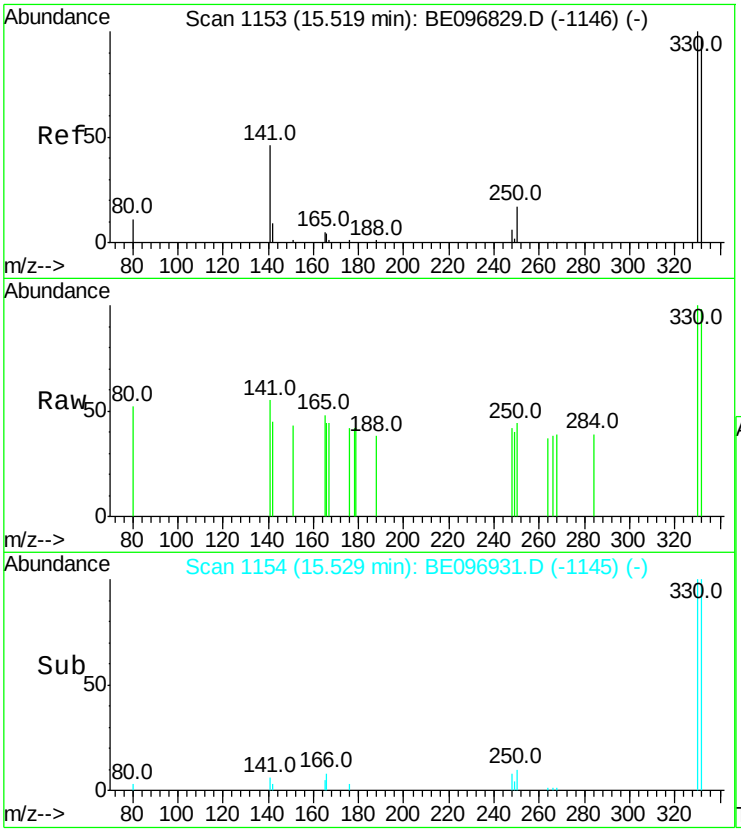


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Tgt Ion:164 Resp: 6627

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.1	124.7
160	51.3	37.1	55.7



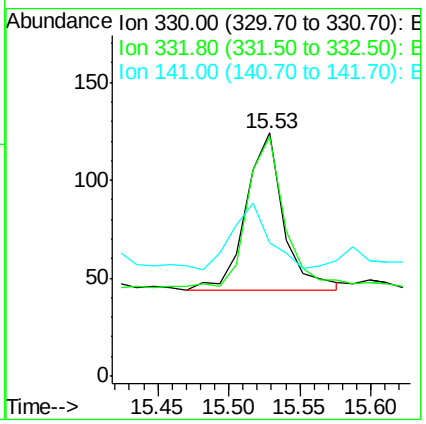


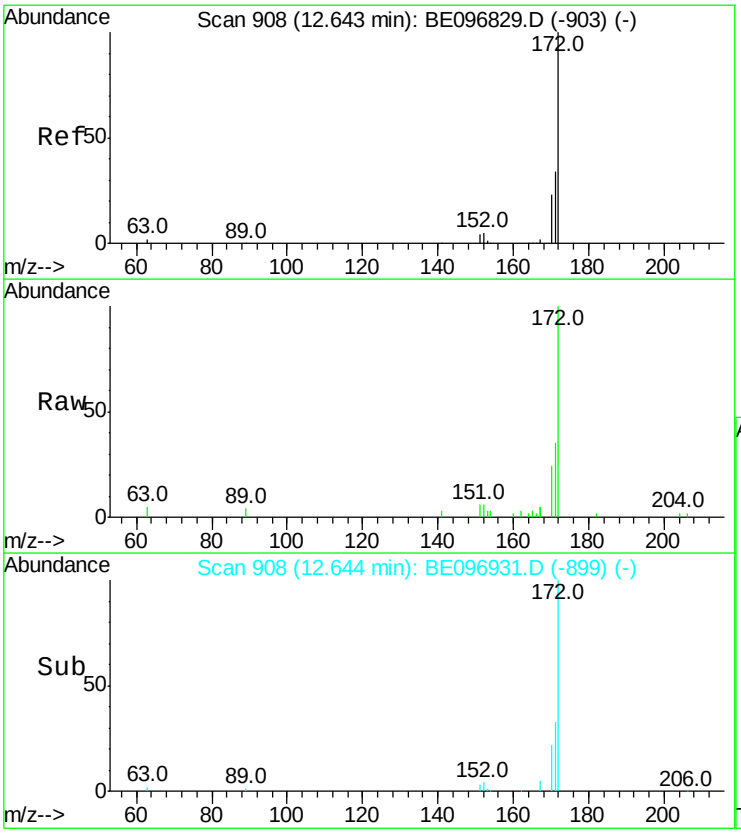
#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 146

Ion	Ratio	Lower	Upper
330	100		
332	94.5	152.7	229.1#
141	43.2	33.7	50.5

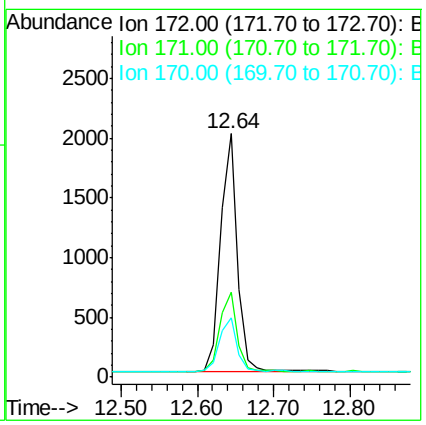


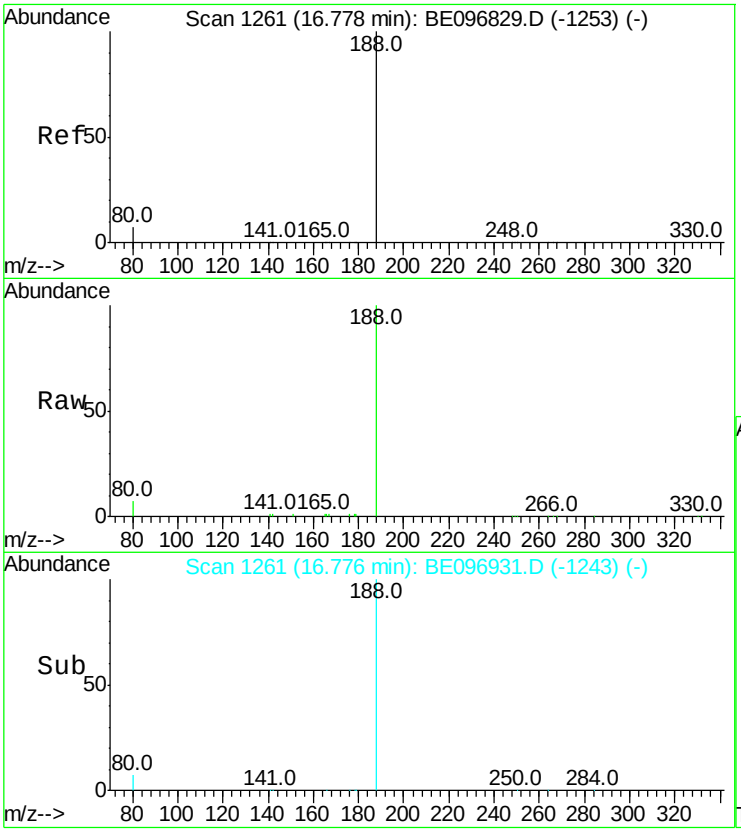


#15
2-Fluorobiphenyl
Concen: 0.127 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Tgt Ion:172 Resp: 3082

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.9	44.9
170	24.3	21.8	32.8



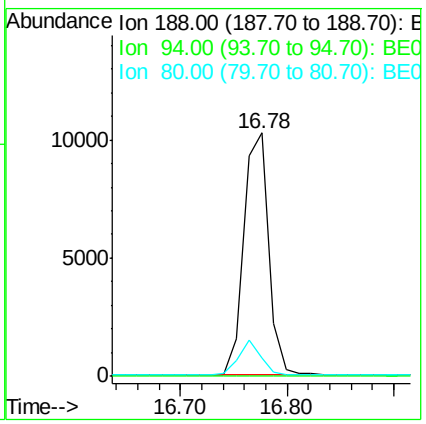


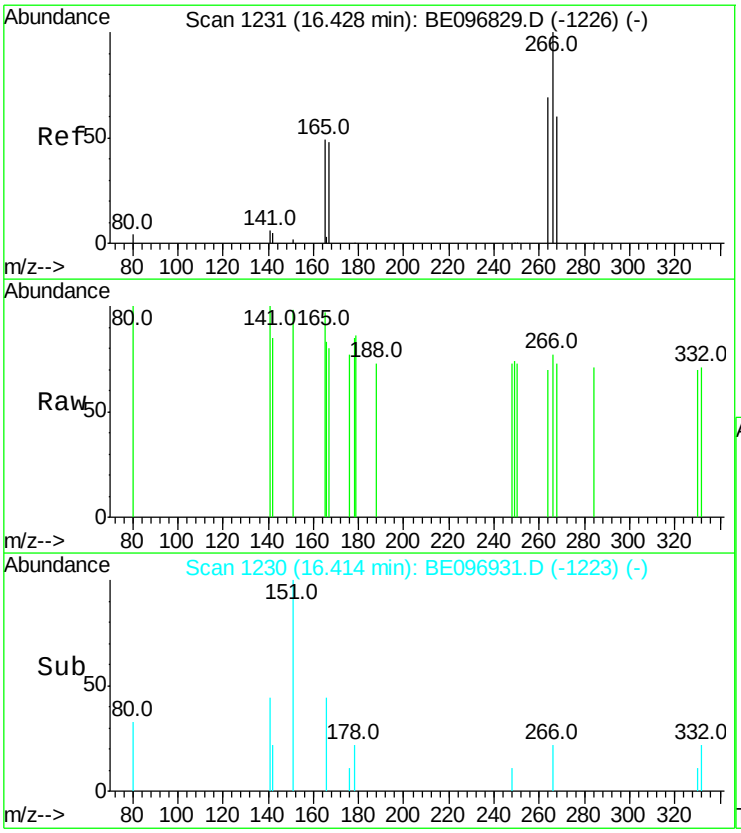
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 16594

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.5	3.6	5.4#

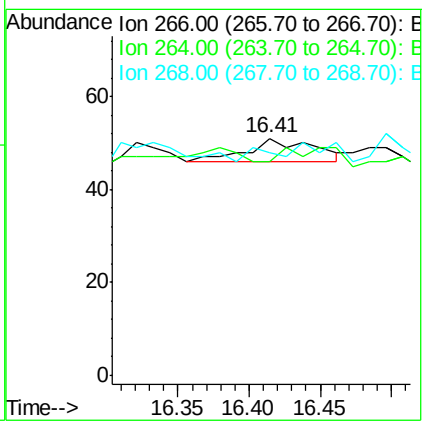


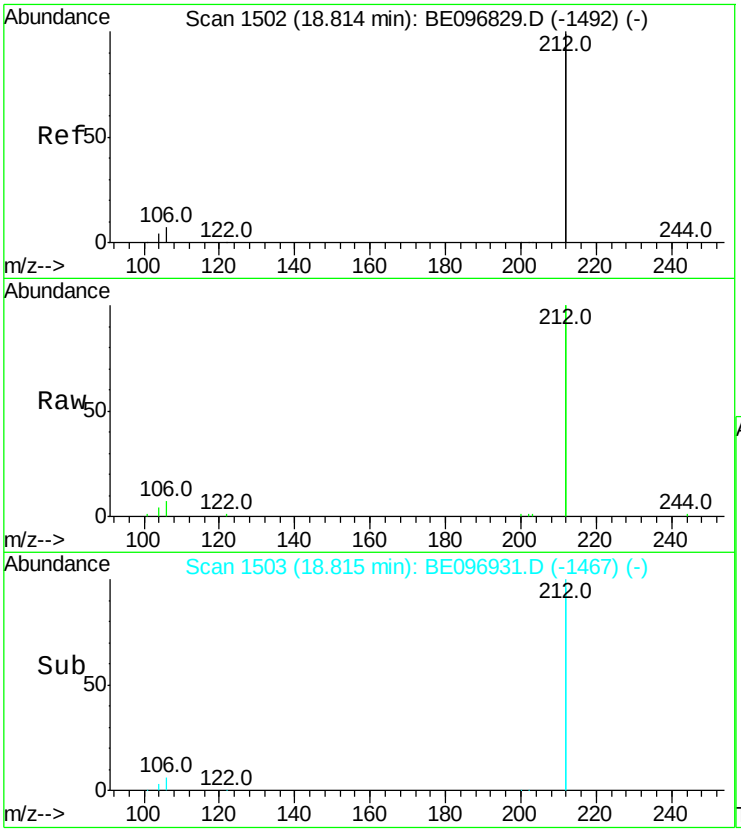


#22
Pentachlorophenol
Concen: 0.048 ng
RT: 16.41 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Tgt Ion:266 Resp: 16

Ion	Ratio	Lower	Upper
266	100		
264	90.2	72.5	108.7
268	94.1	73.8	110.6



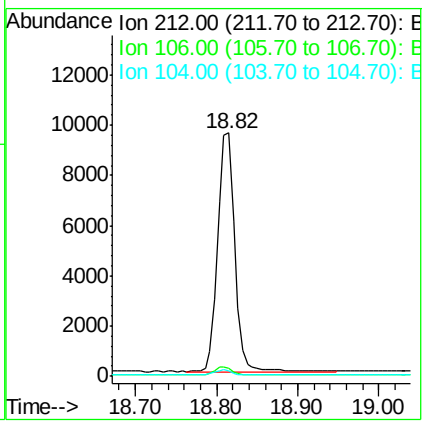


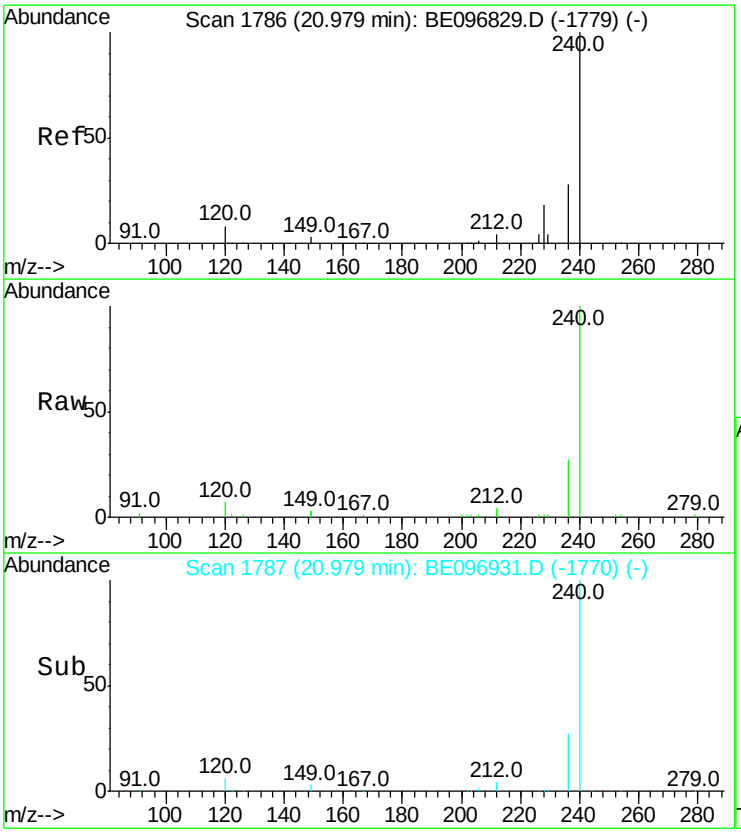
#25
Fluoranthene-d10
Concen: 0.095 ng
RT: 18.82 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 13819

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4

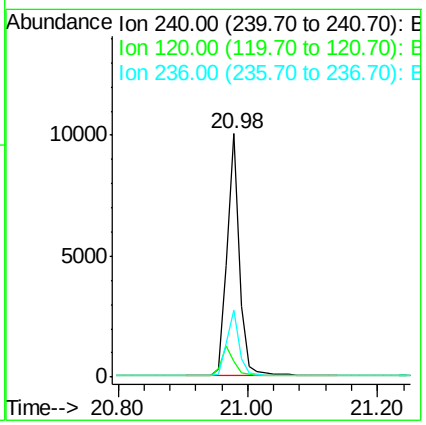


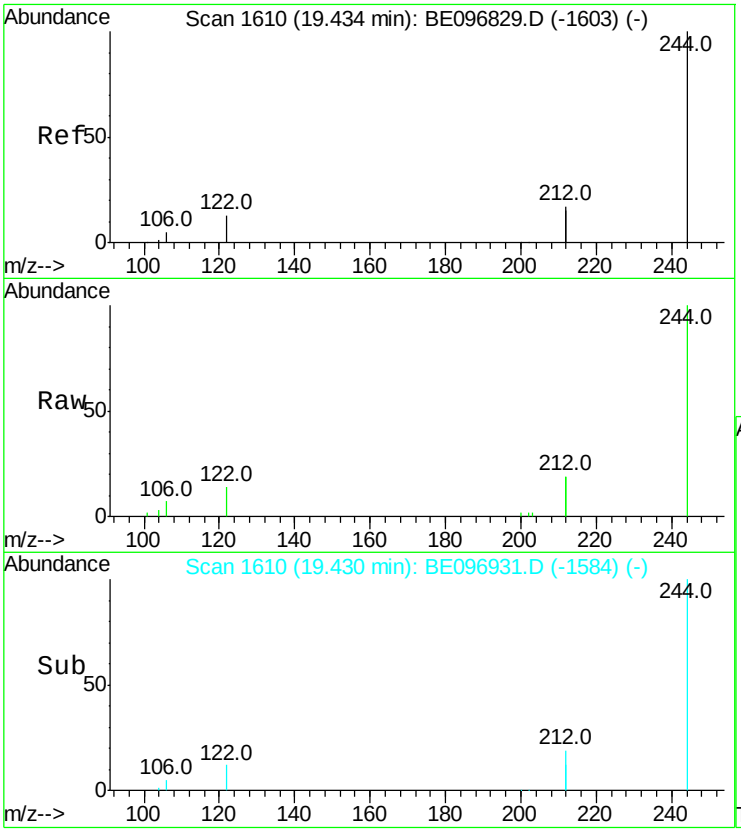


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Tgt Ion:240 Resp: 13674

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.5	8.3
236	27.4	20.7	31.1



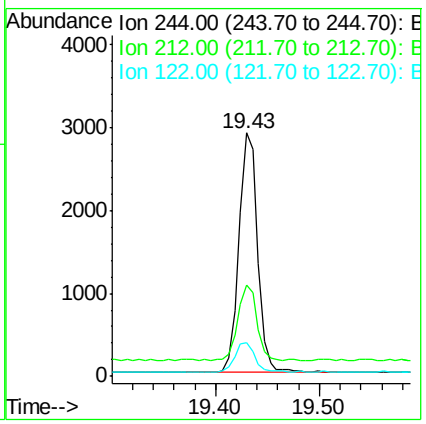


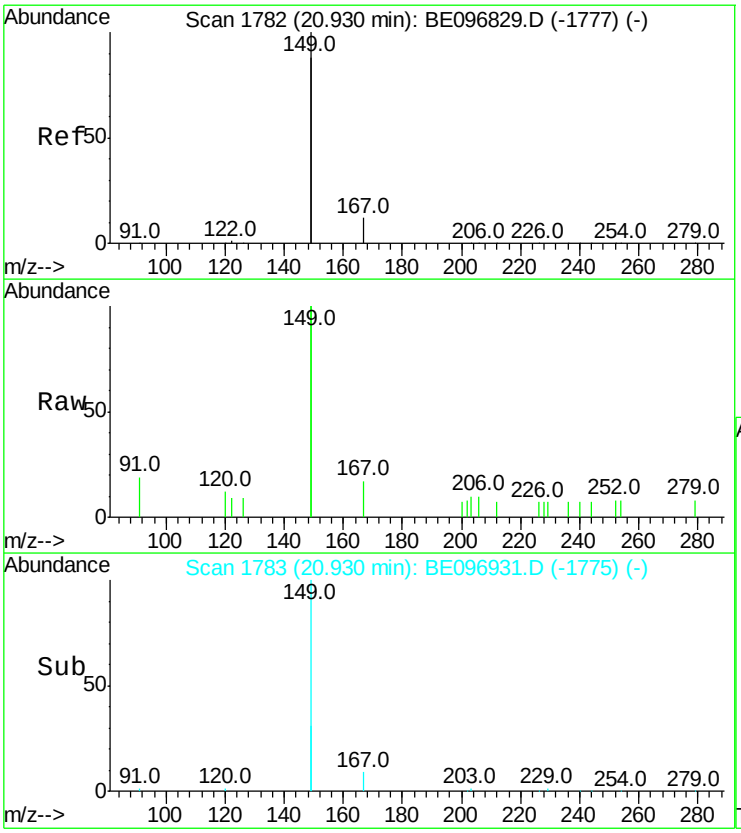
#29
Terphenyl-d14
Concen: 0.137 ng
RT: 19.43 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3611

Ion	Ratio	Lower	Upper
244	100		
212	37.6	25.4	38.0
122	13.8	8.1	12.1#

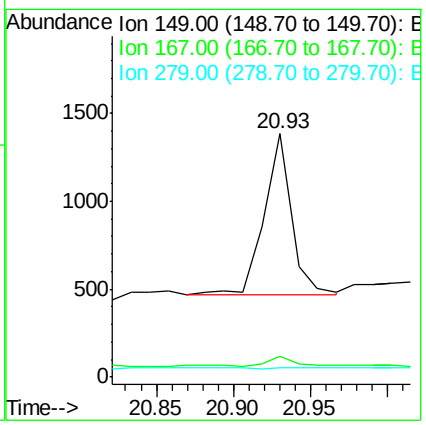


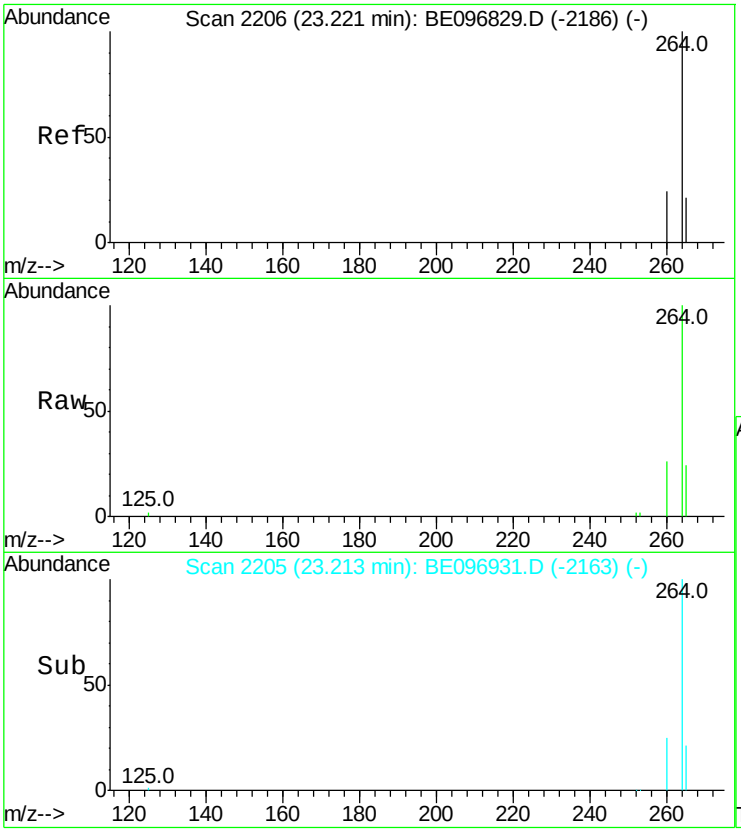


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 20.93 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Tgt Ion:149 Resp: 1139

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	0.7	1.1#



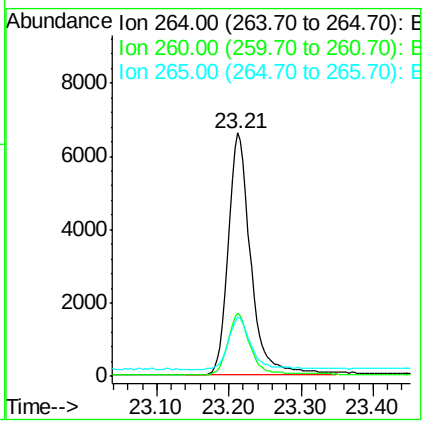


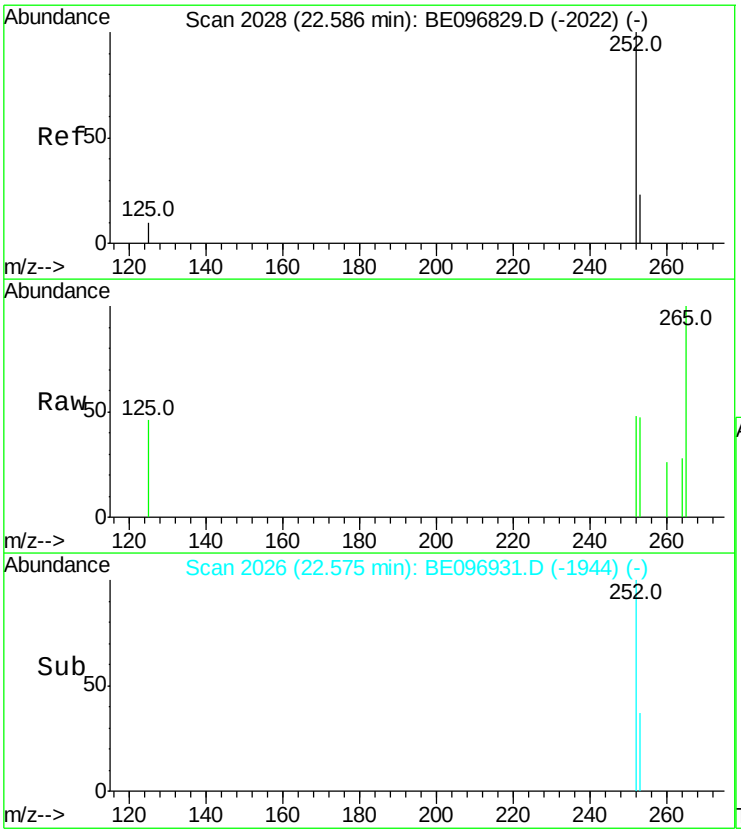
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 13922

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	24.2	22.8	34.2

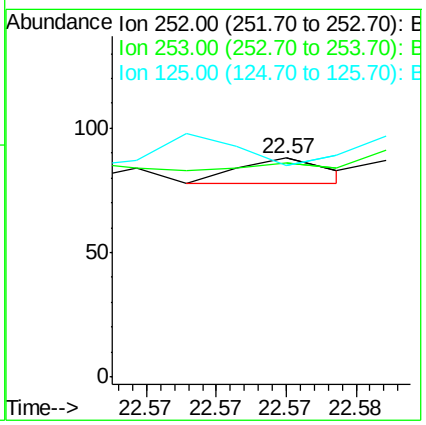


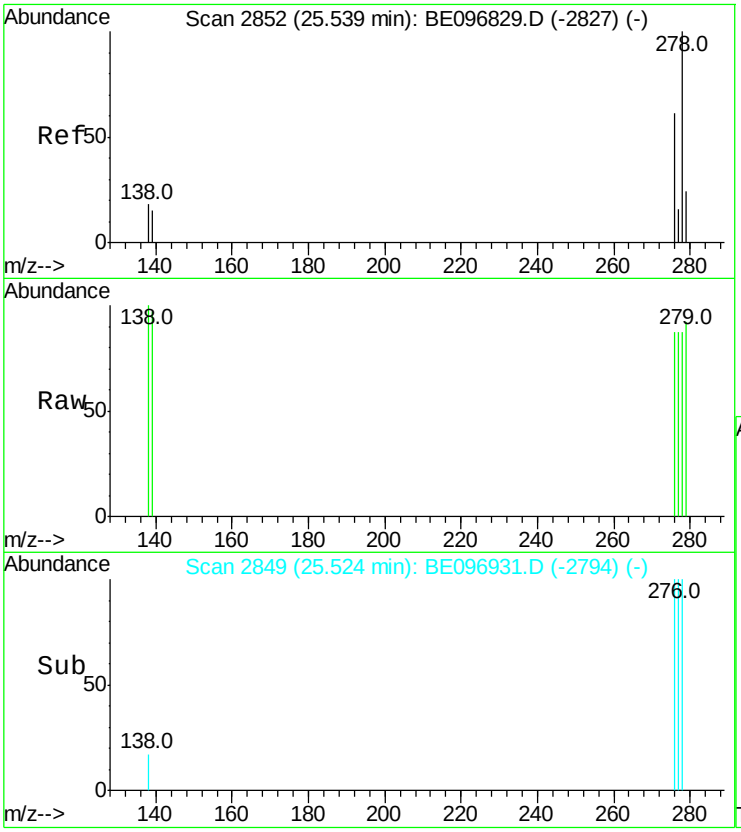


#36
Benzo(k)fluoranthene
Concen: 0.083 ng
RT: 22.57 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Tgt Ion:252 Resp: 4

Ion	Ratio	Lower	Upper
252	100		
253	97.7	16.0	24.0#
125	96.6	8.0	12.0#





#38
Dibenzo(a,h)anthracene
Concen: 0.110 ng
RT: 25.52 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BE096931.D
Acq: 14 Jul 2018 8:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 10

Ion	Ratio	Lower	Upper
278	100		
139	111.1	16.0	24.0#
279	105.6	20.0	30.0#