Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095858.D
Acq On : 27 Mar 2018 2:56
Operator : SJ/JU
Sample : J1994-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FB-031918

Quant Time: Mar 27 06:59:54 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1107	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4222	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2518	0.40	ng	-0.01
19) Phenanthrene-d10	17.71	188	6459	0.40	ng	0.00
27) Chrysene-d12	21.79	240	9227	0.40	ng	-0.01
34) Perylene-d12	24.41	264	7140	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	126	0.03	ng	0.00
5) Phenol-d6	7.56	99	107	0.02	ng	0.00
8) Nitrobenzene-d5	9.59	82	531	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	612	0.09	ng	-0.01
14) 2,4,6-Tribromophenol	16.47	330	129	0.09	ng	0.00
15) 2-Fluorobiphenyl	13.63	172	1370	0.13	ng	-0.01
25) Fluoranthene-d10	19.68	212	9312	0.10	ng	-0.01
29) Terphenyl-d14	20.24	244	2098	0.11	ng	0.00
Target Compounds						Qvalue

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

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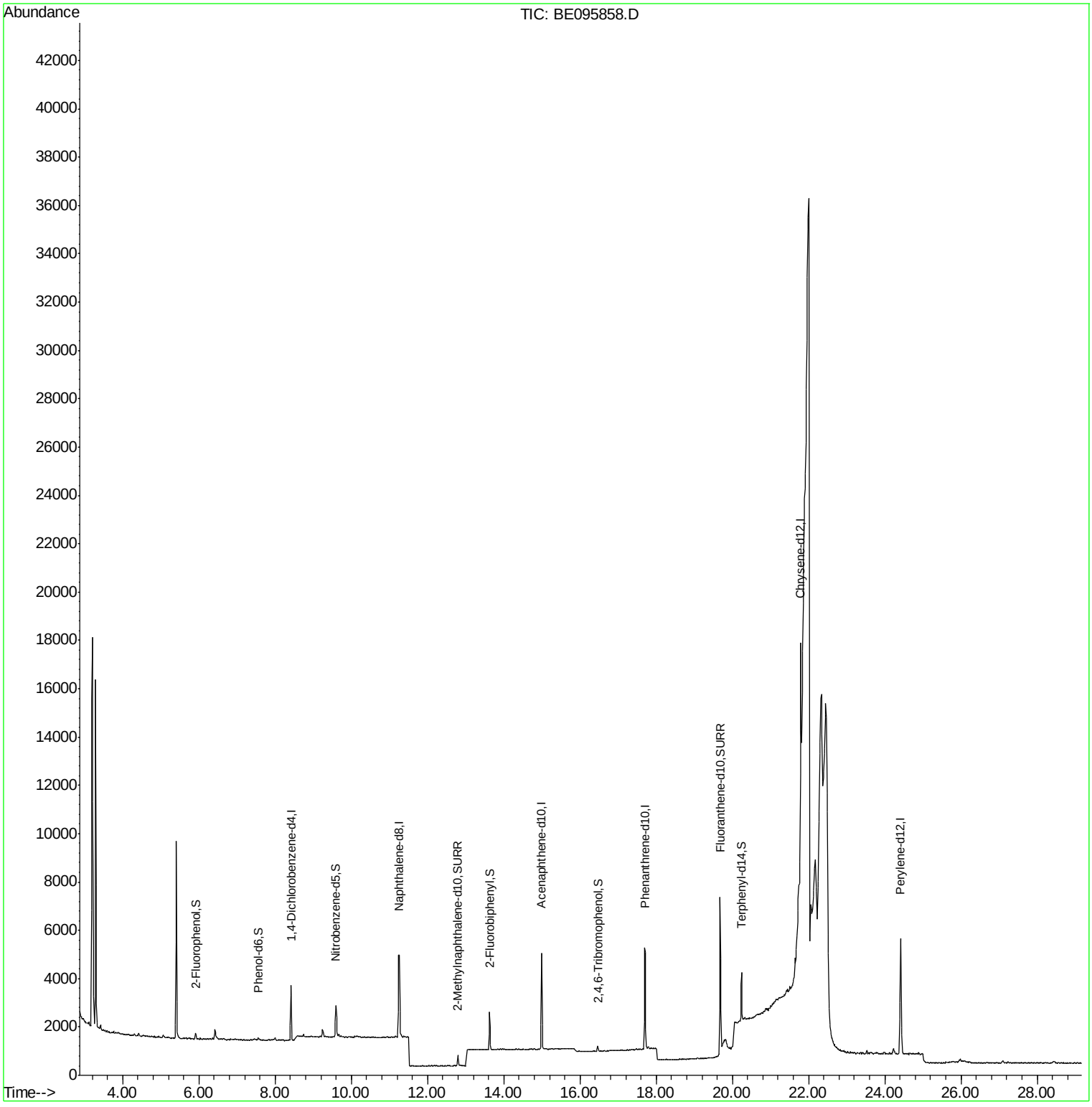
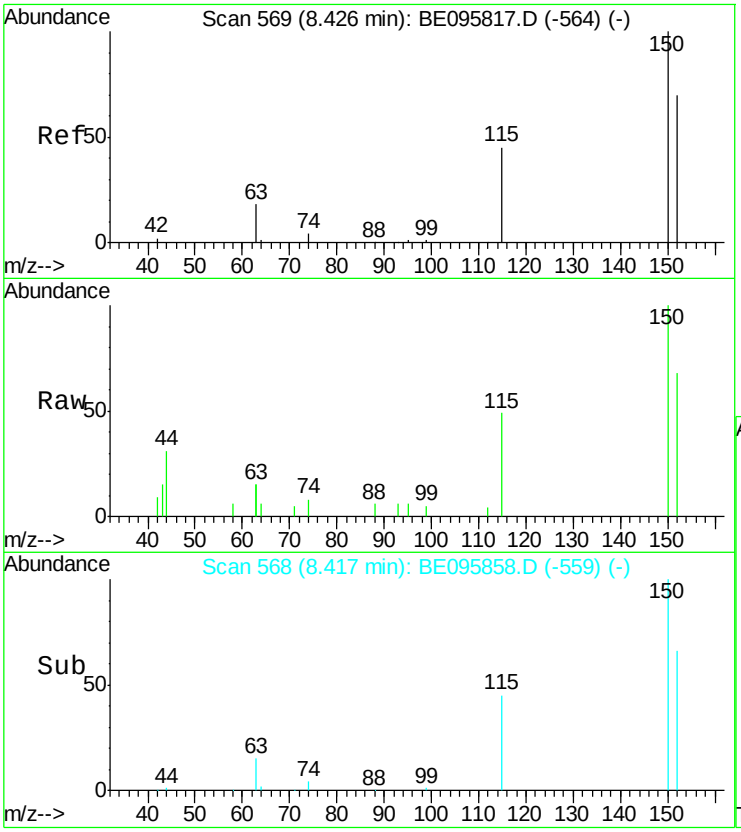


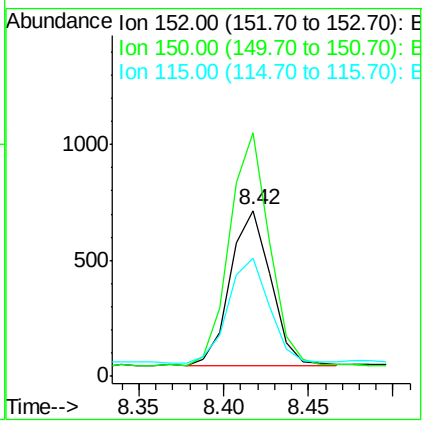


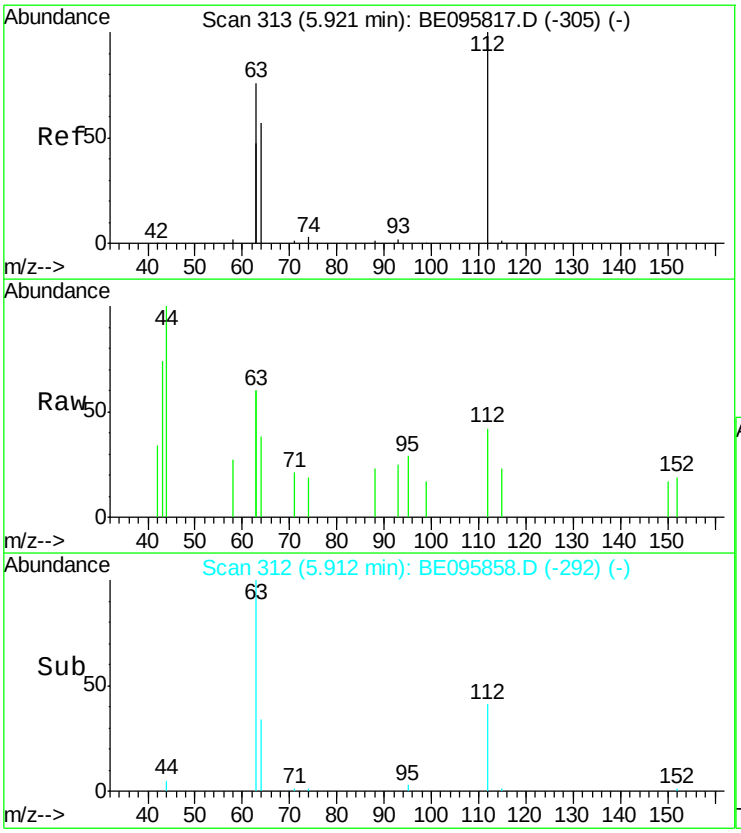
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Instrument :
BNA_E
ClientSampleId :
FB-031918

Tgt Ion:152 Resp: 1107

Ion	Ratio	Lower	Upper
152	100		
150	146.8	117.2	175.8
115	71.5	57.0	85.6

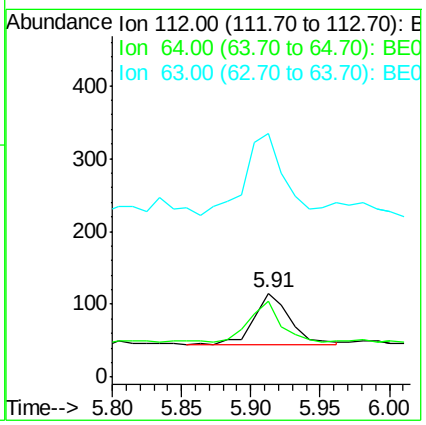


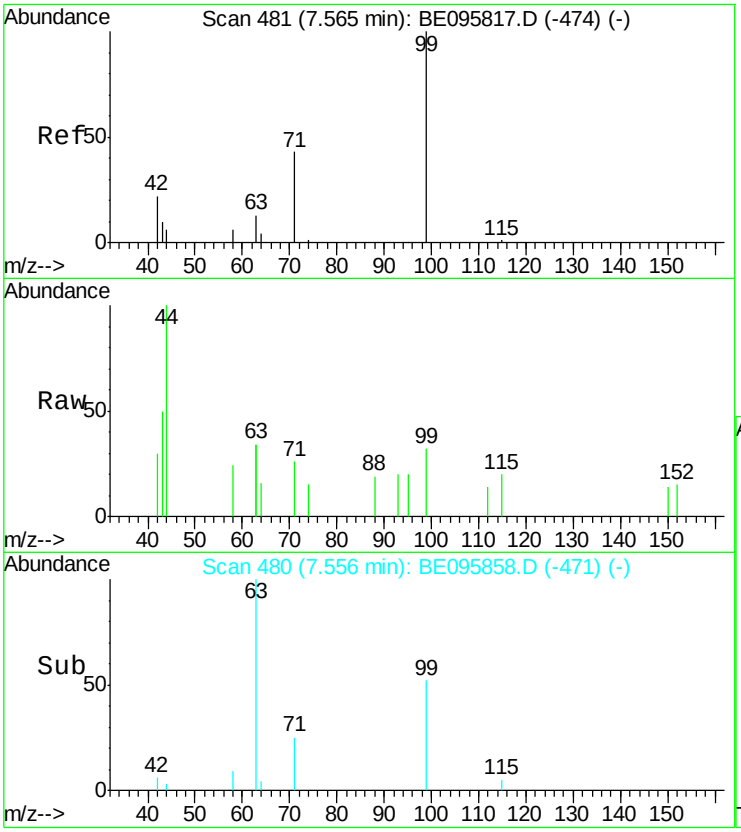


#4
2-Fluorophenol
Concen: 0.035 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Tgt Ion:112 Resp: 126

Ion	Ratio	Lower	Upper
112	100		
64	78.6	60.1	90.1
63	178.6	116.8	175.2#



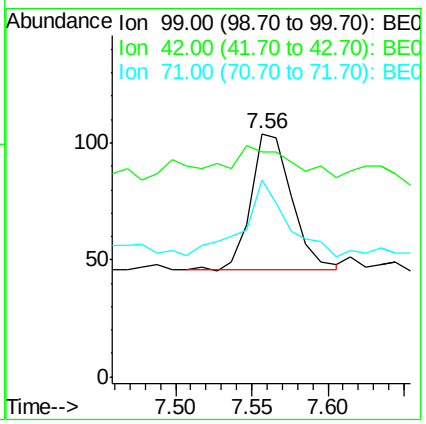


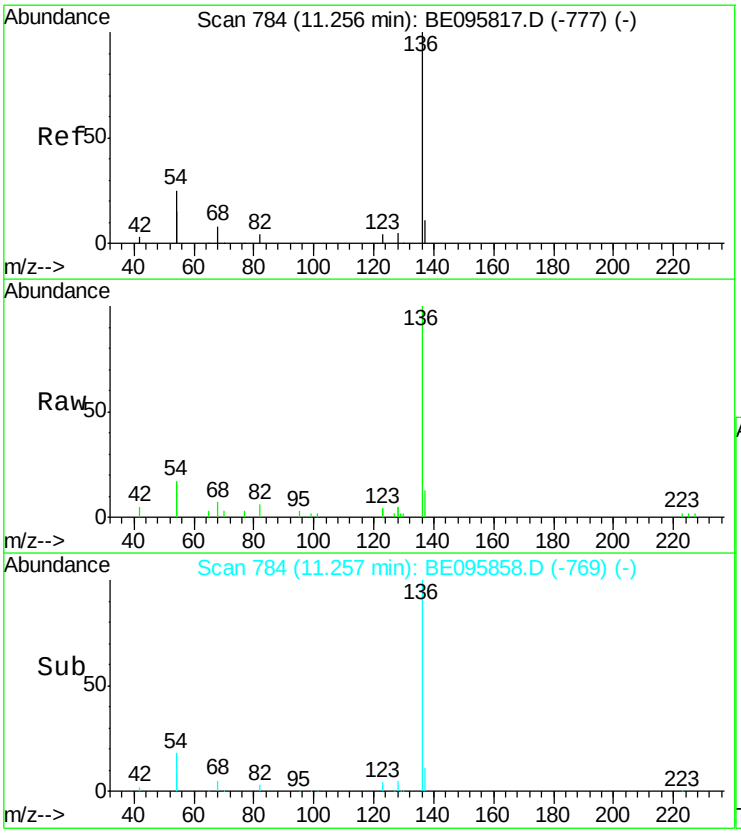
#5
Phenol-d6
Concen: 0.021 ng
RT: 7.56 min Scan# 480
Delta R.T. -0.01 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Instrument :
BNA_E
ClientSampleId :
FB-031918

Tgt Ion: 99 Resp: 107

Ion	Ratio	Lower	Upper
99	100		
42	36.4	20.2	30.2#
71	63.6	28.4	42.6#

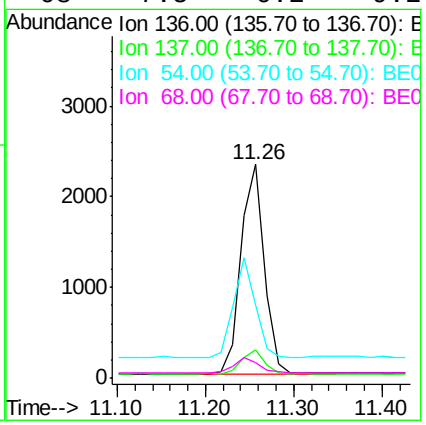


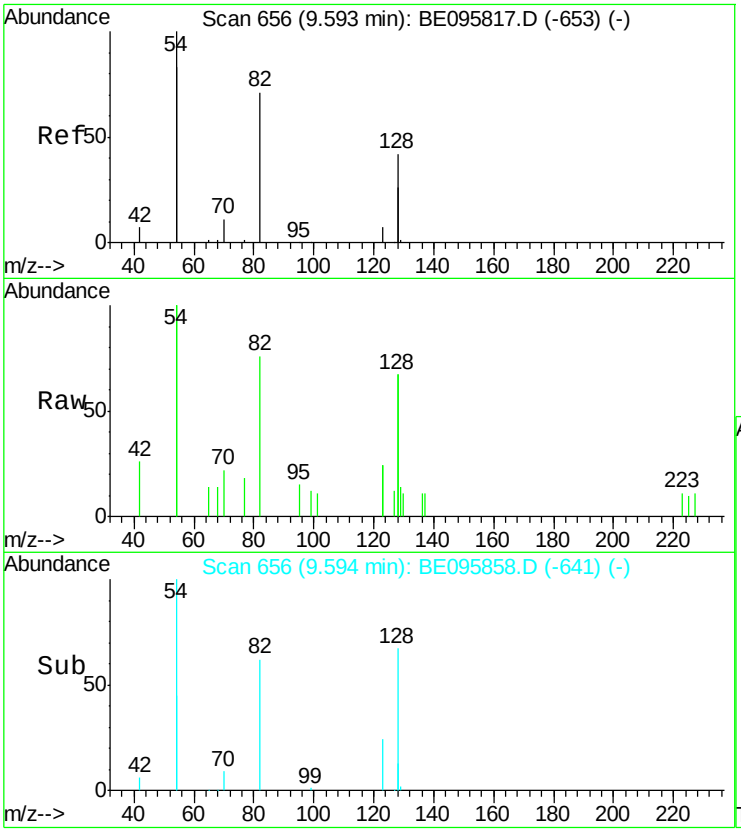


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. 0.00 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Tgt Ion:136 Resp: 4222

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.5	14.3
54	34.4	29.1	43.7
68	7.5	6.2	9.2



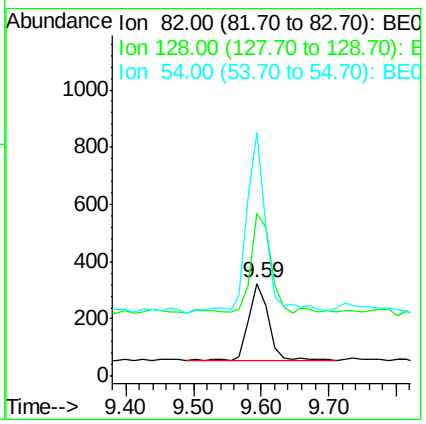


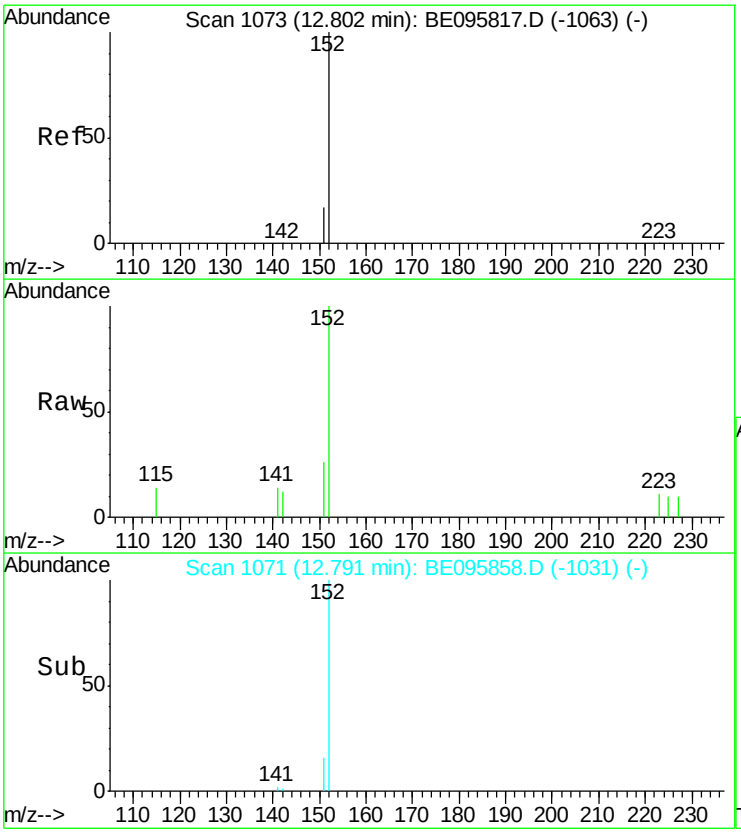
#8
Nitrobenzene-d5
Concen: 0.106 ng
RT: 9.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Instrument :
BNA_E
ClientSampleId :
FB-031918

Tgt Ion: 82 Resp: 531

Ion	Ratio	Lower	Upper
82	100		
128	175.9	150.0	225.0
54	262.3	154.2	231.4#

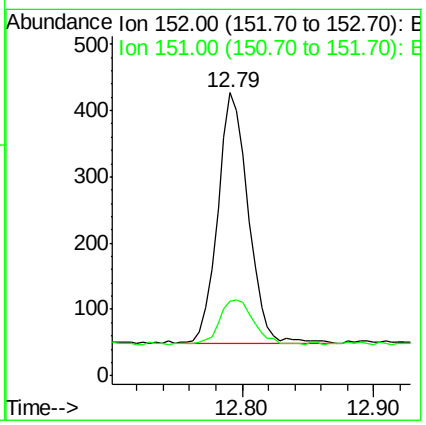


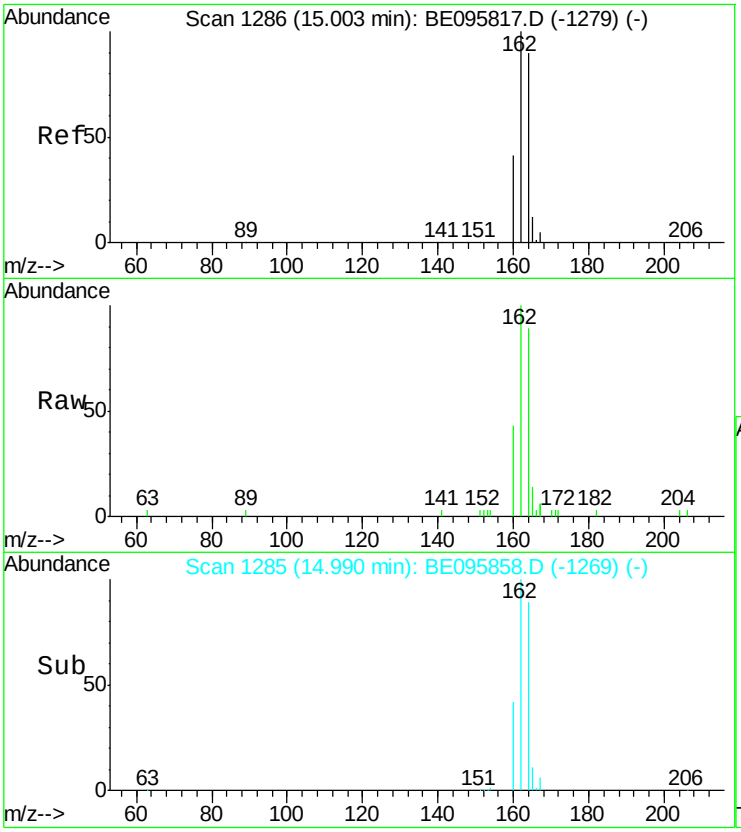


#11
2-Methylnaphthalene-d10
Concen: 0.087 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Tgt Ion:152 Resp: 612

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.4	23.0



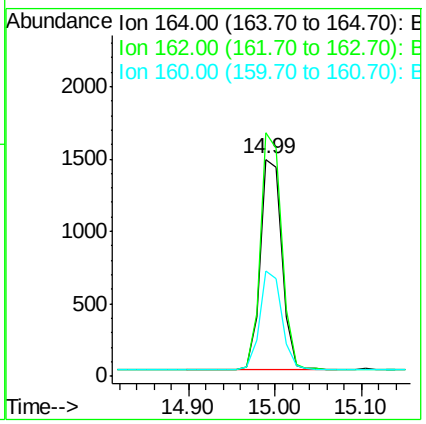


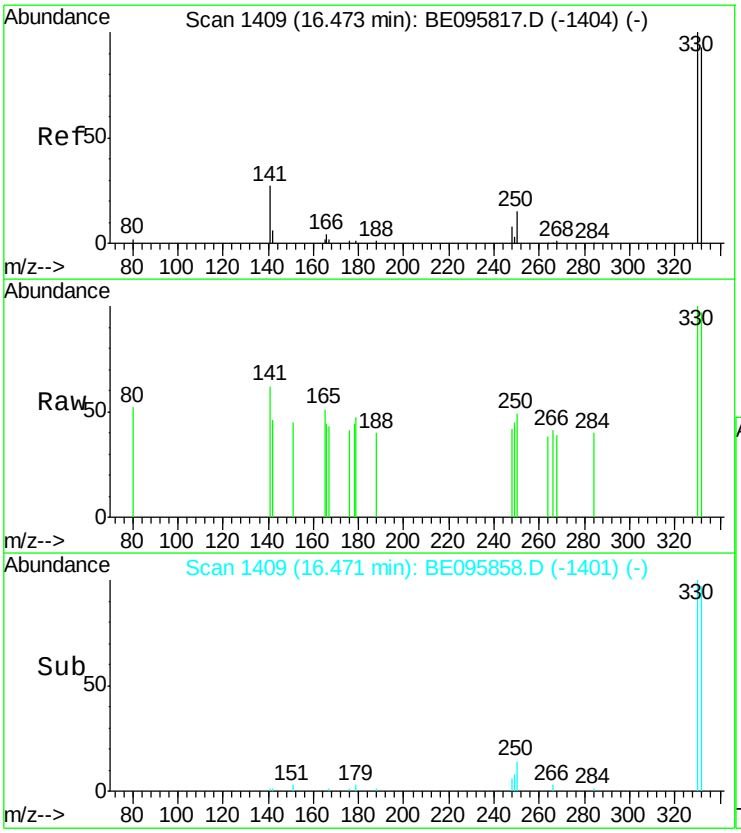
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Instrument :
BNA_E
ClientSampleId :
FB-031918

Tgt Ion:164 Resp: 2518

Ion	Ratio	Lower	Upper
164	100		
162	112.1	83.1	124.7
160	48.7	37.1	55.7

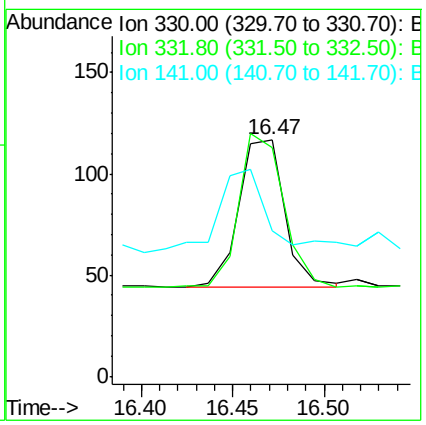


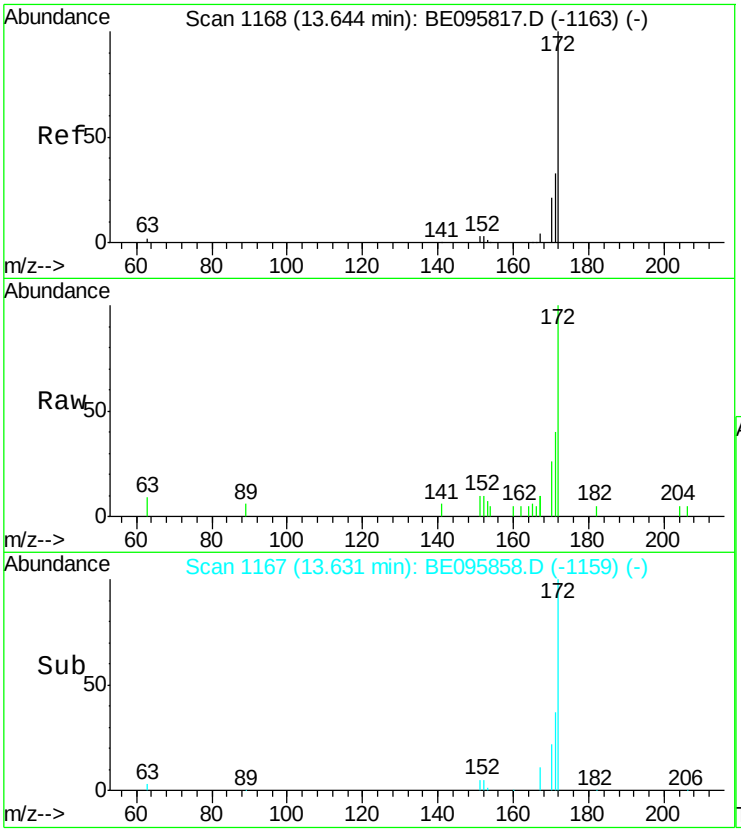


#14
2,4,6-Tribromophenol
Concen: 0.089 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Tgt Ion:330 Resp: 129

Ion	Ratio	Lower	Upper
330	100		
332	101.6	152.7	229.1#
141	63.6	33.7	50.5#



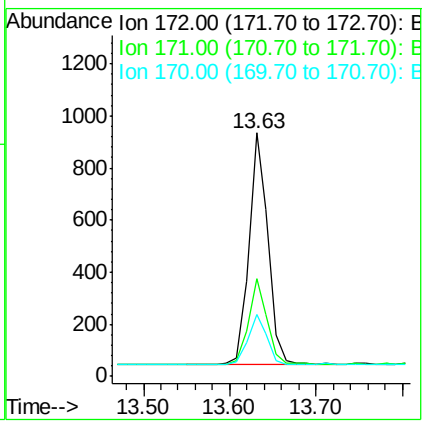


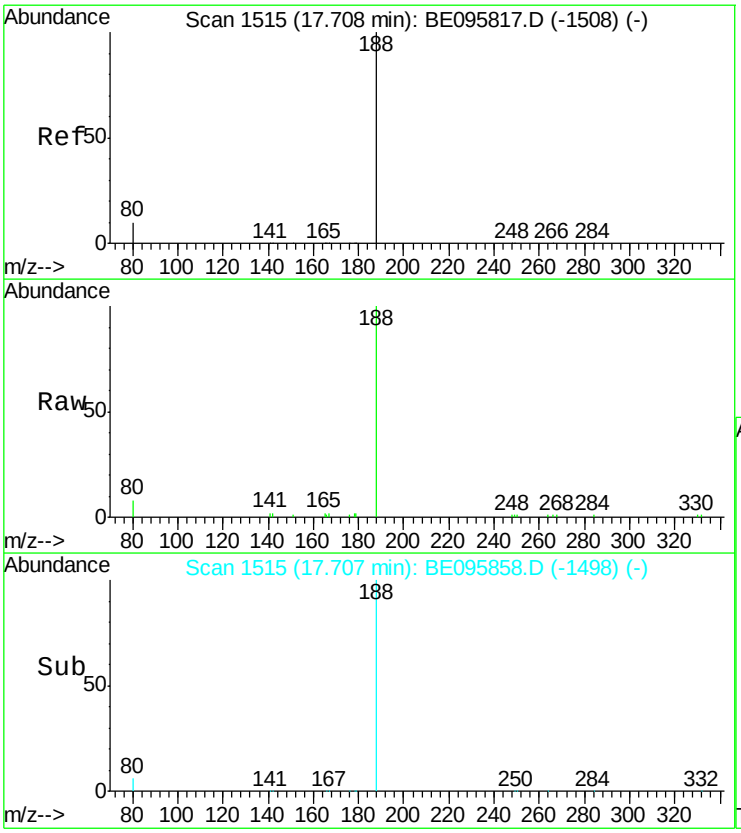
#15
2-Fluorobiphenyl
Concen: 0.129 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Instrument :
BNA_E
ClientSampleId :
FB-031918

Tgt Ion:172 Resp: 1370

Ion	Ratio	Lower	Upper
172	100		
171	39.9	29.9	44.9
170	25.7	21.8	32.8

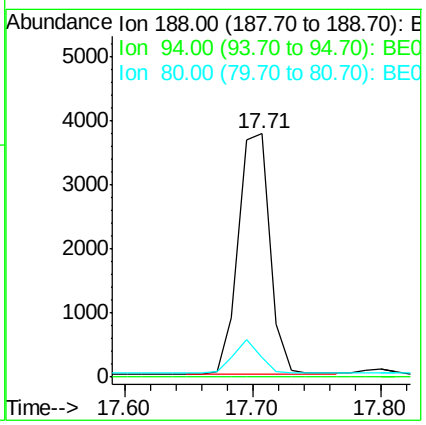


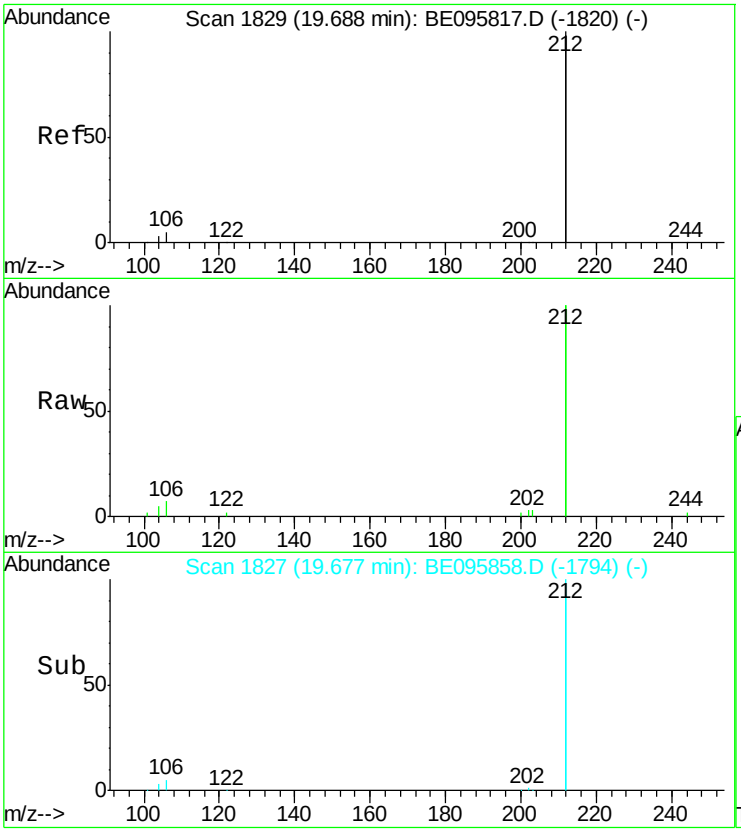


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Tgt Ion:188 Resp: 6459

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.1	3.6	5.4#



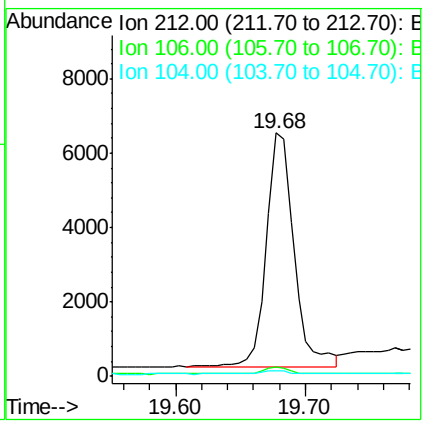


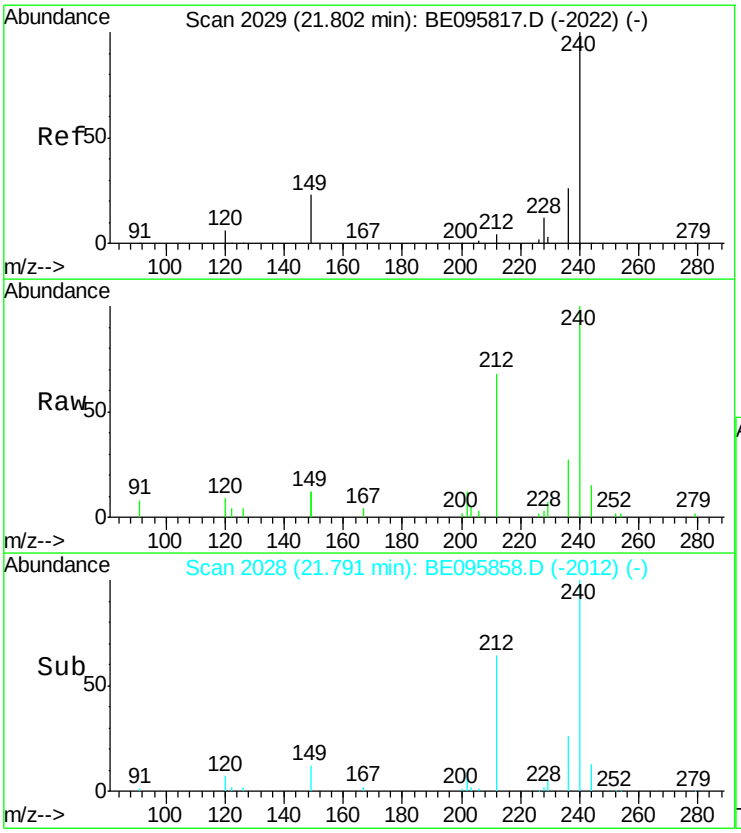
#25
Fluoranthene-d10
Concen: 0.097 ng
RT: 19.68 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Instrument :
BNA_E
ClientSampleId :
FB-031918

Tgt Ion:212 Resp: 9312

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.8	4.2#
104	1.6	1.6	2.4

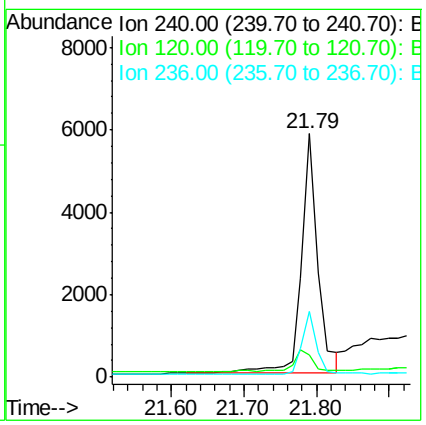


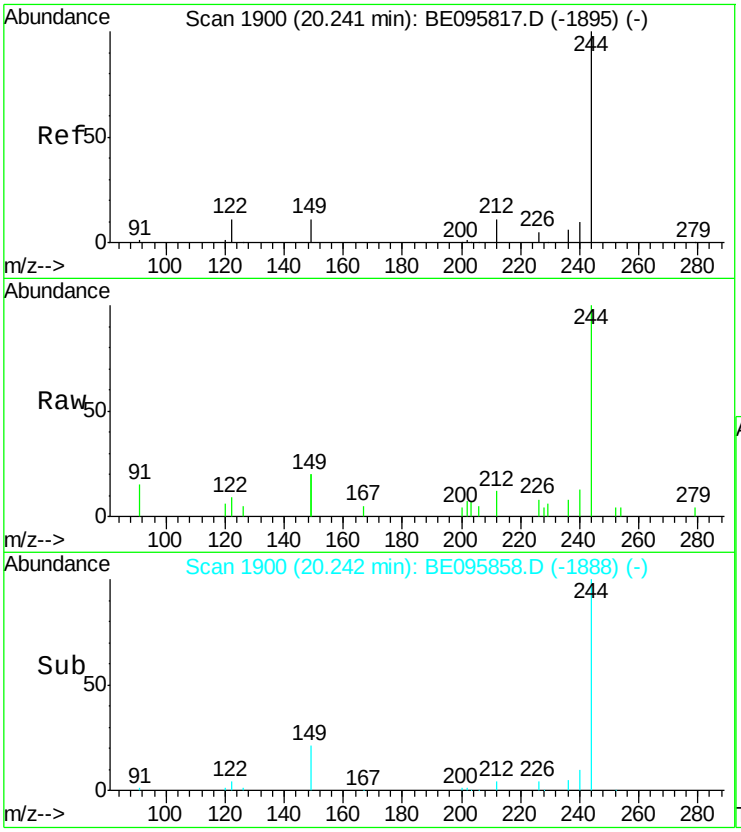


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Tgt Ion:240 Resp: 9227

Ion	Ratio	Lower	Upper
240	100		
120	8.9	5.5	8.3#
236	27.2	20.7	31.1



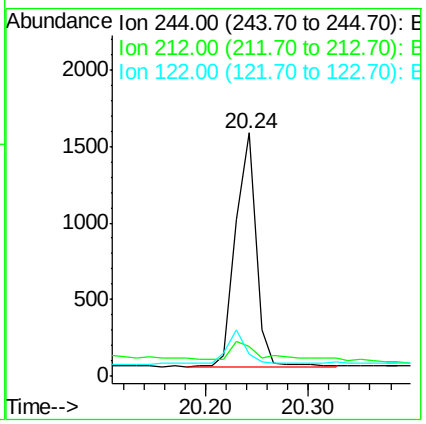


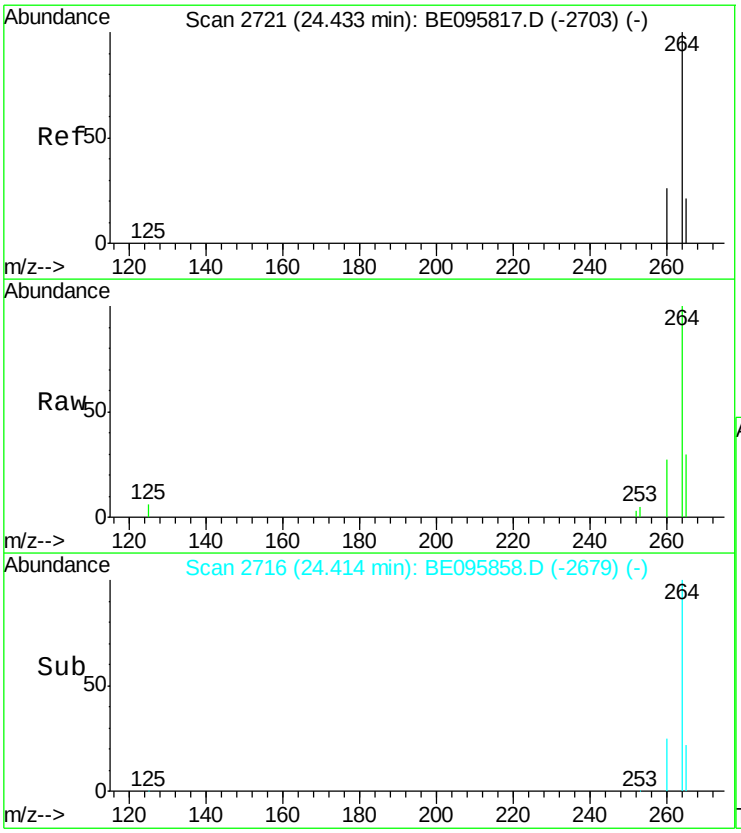
#29
Terphenyl-d14
Concen: 0.107 ng
RT: 20.24 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Instrument :
BNA_E
ClientSampleId :
FB-031918

Tgt Ion:244 Resp: 2098

Ion	Ratio	Lower	Upper
244	100		
212	12.5	25.4	38.0#
122	9.2	8.1	12.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.41 min Scan# 2716
Delta R.T. -0.02 min
Lab File: BE095858.D
Acq: 27 Mar 2018 2:56

Tgt Ion:264 Resp: 7140

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.5	30.7
265	29.9	22.8	34.2