Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
Data File : BE098884.D
Acq On : 12 Mar 2019 5:58
Operator : JU/SJ
Sample : K1841-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE103D1-20190308

Quant Time: Mar 12 07:52:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	782	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3269	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2351	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6026	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6985	0.40	ng	0.00
34) Perylene-d12	23.90	264	6923	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	388	0.17	ng	0.01
5) Phenol-d6	7.06	99	187	0.06	ng	0.07
8) Nitrobenzene-d5	9.00	82	1136	0.33	ng	0.04
11) 2-Methylnaphthalene-d10	12.20	152	2460	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	418	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3997	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	35451	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	8530	0.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	12164	9.999	ng	96

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

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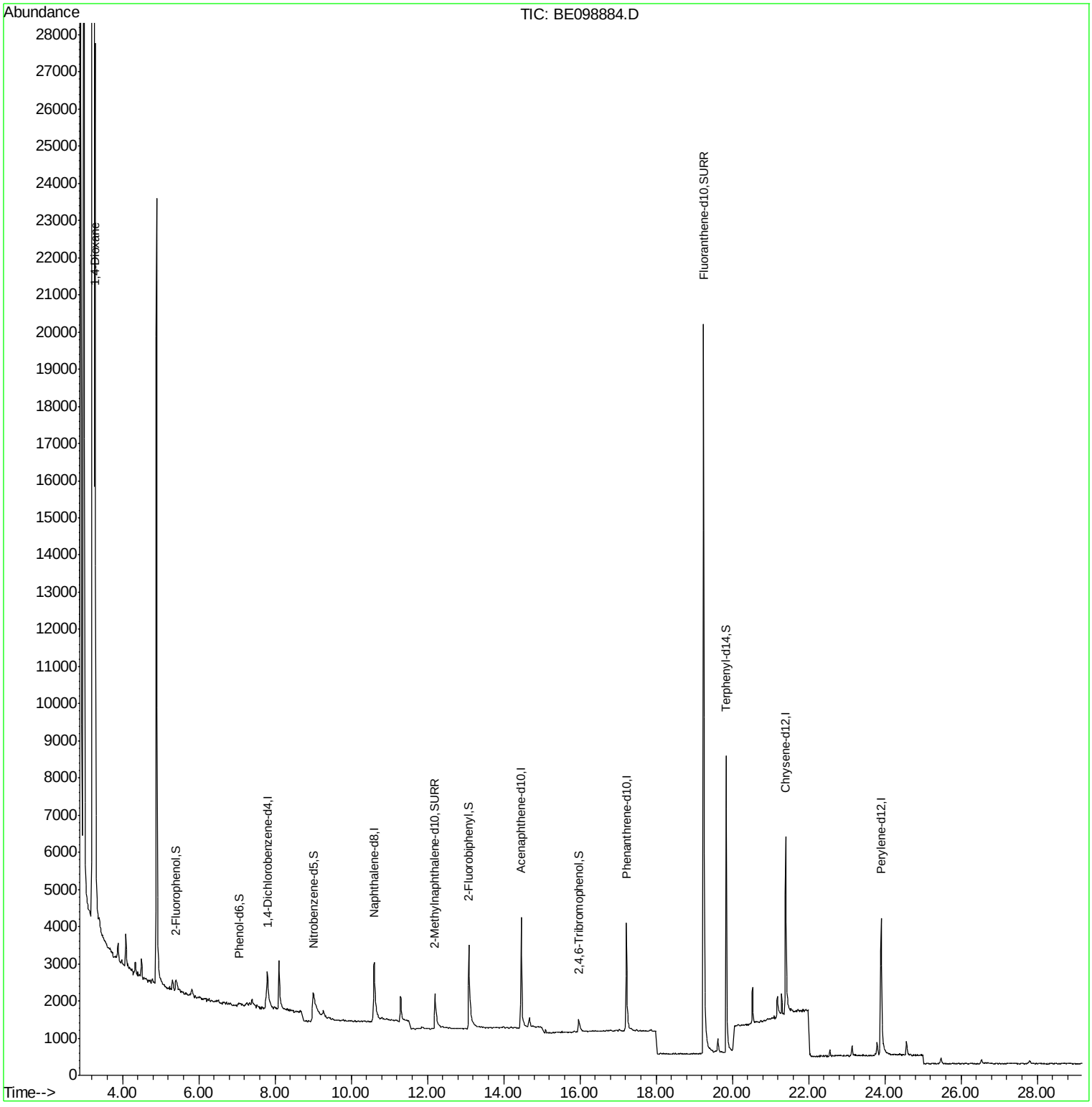
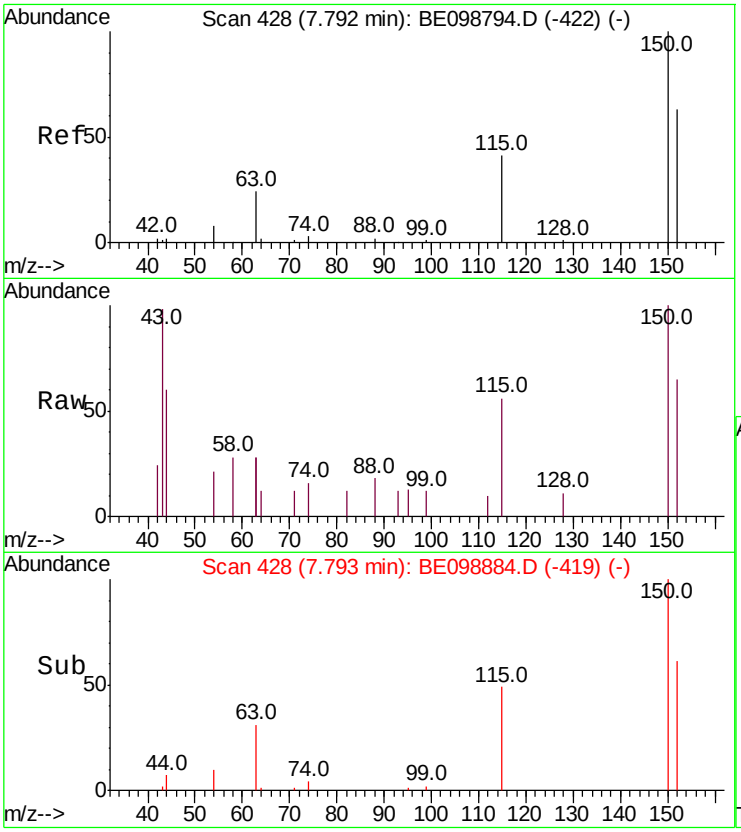


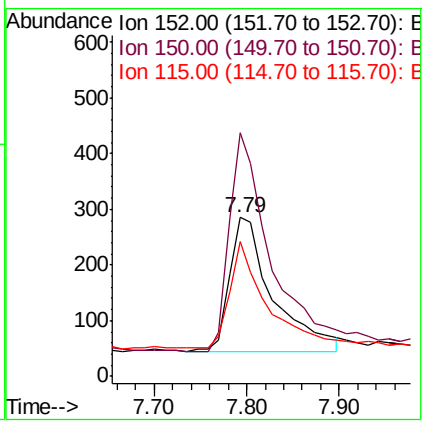


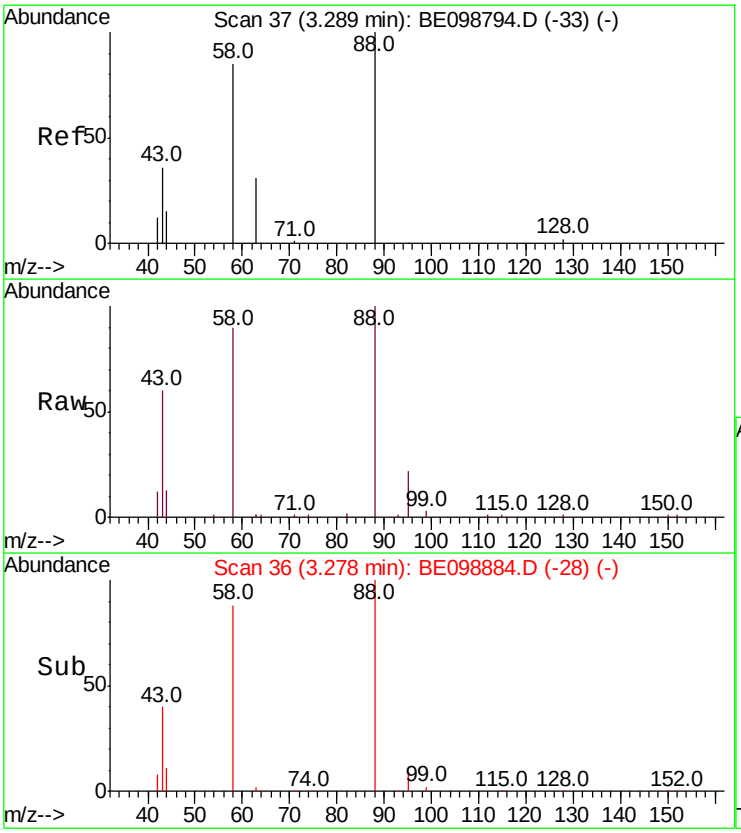
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308

Tgt Ion:152 Resp: 782

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.5	183.7
115	85.3	57.4	86.2

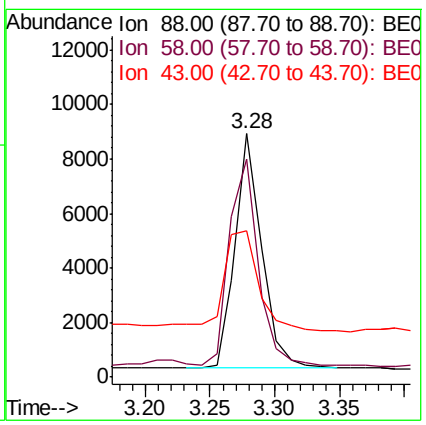


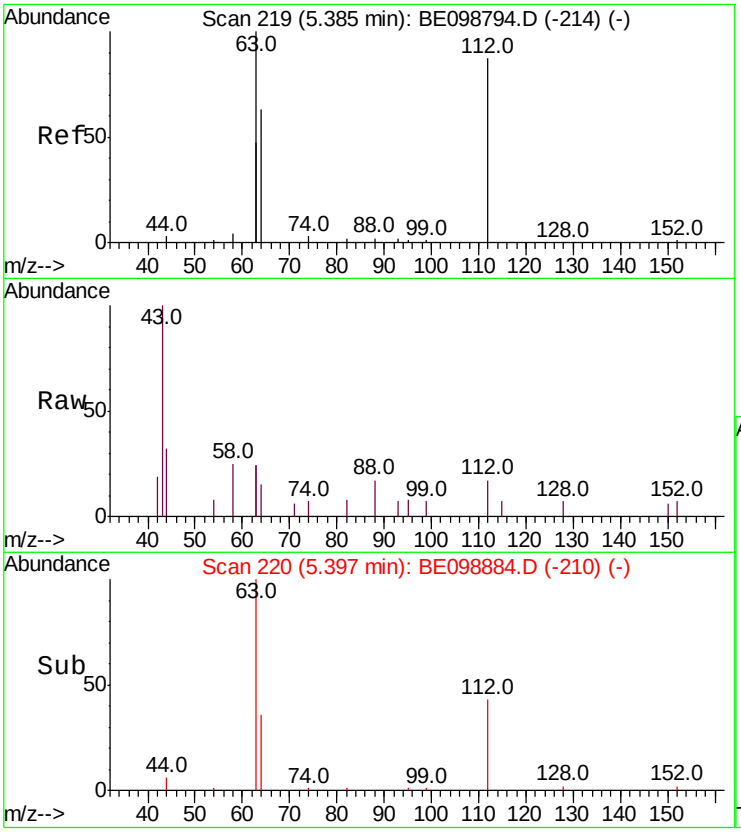


#2
1,4-Dioxane
Concen: 9.999 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Tgt Ion: 88 Resp: 12164

Ion	Ratio	Lower	Upper
88	100		
58	95.9	75.8	113.6
43	57.7	41.8	62.8



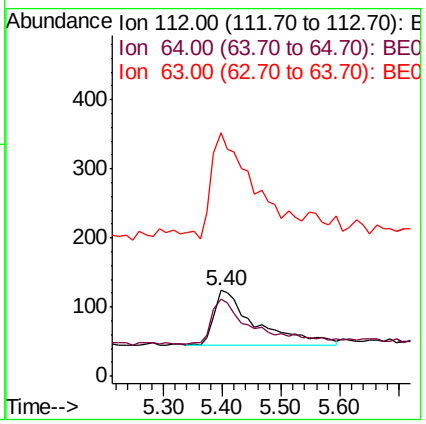


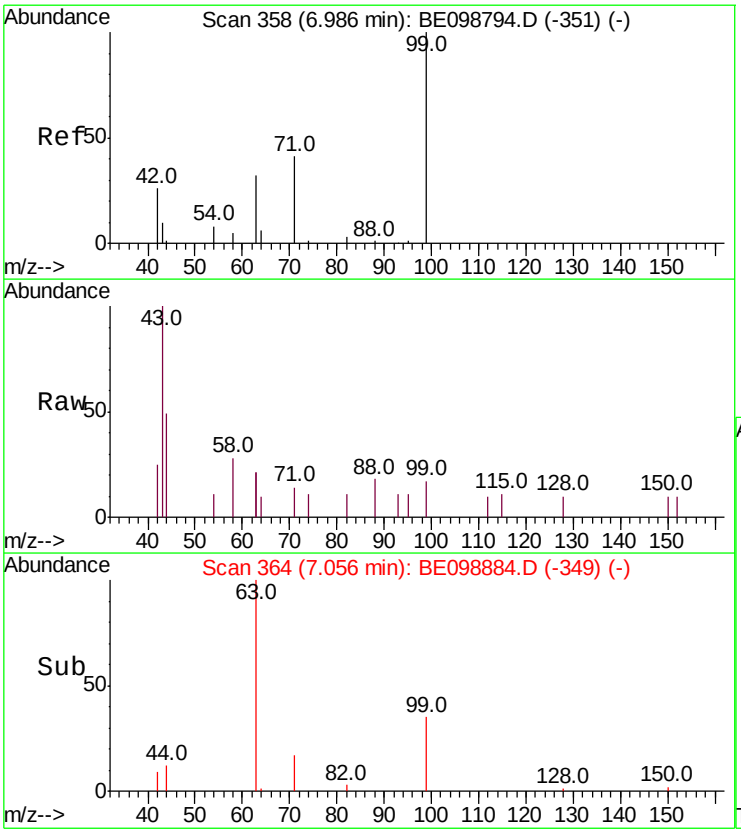
#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308

Tgt Ion:112 Resp: 388

Ion	Ratio	Lower	Upper
112	100		
64	87.1	57.9	86.9#
63	175.5	158.3	237.5

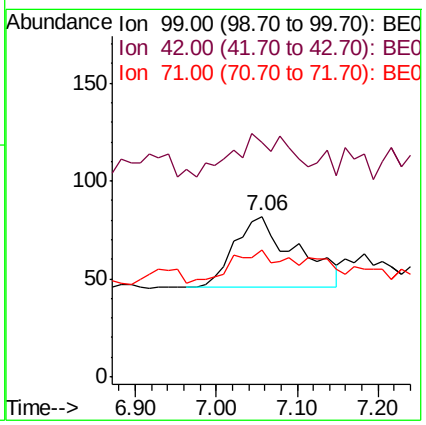


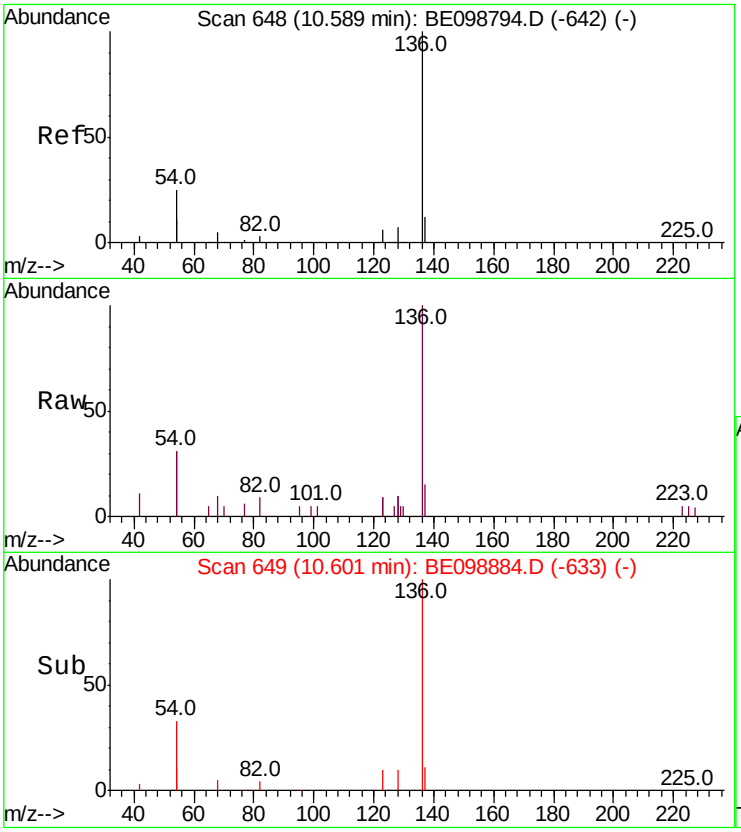


#5
Phenol-d6
Concen: 0.057 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.07 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Tgt Ion: 99 Resp: 187

Ion	Ratio	Lower	Upper
99	100		
42	36.4	24.2	36.2#
71	25.7	35.7	53.5#



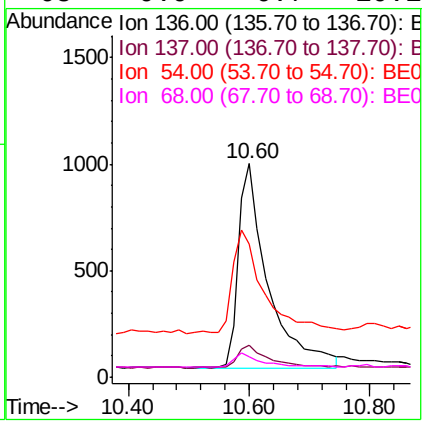


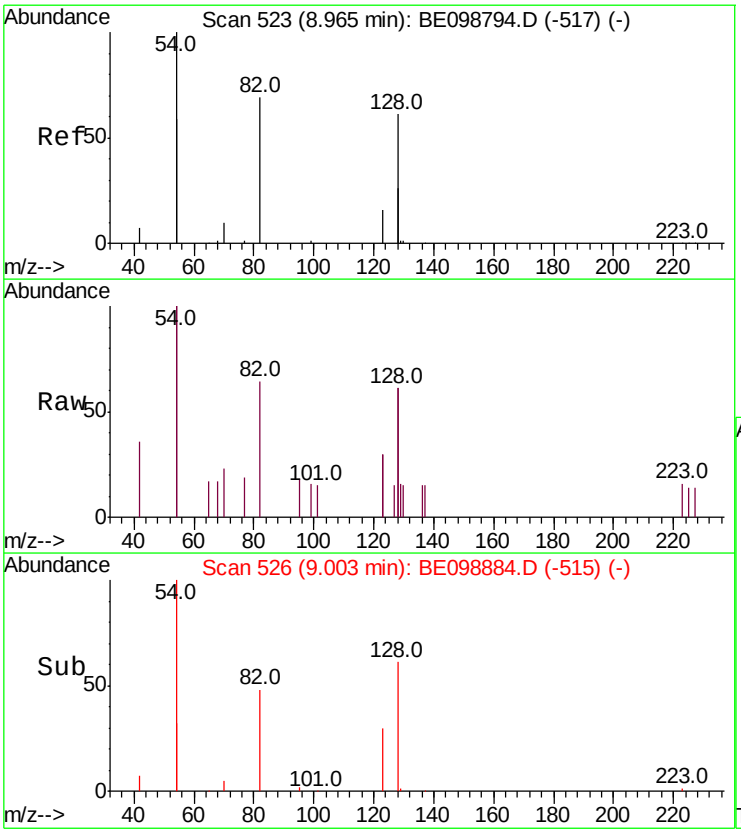
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308

Tgt Ion:136 Resp: 3269

Ion	Ratio	Lower	Upper
136	100		
137	15.3	11.4	17.0
54	62.4	39.3	58.9#
68	9.9	6.7	10.1

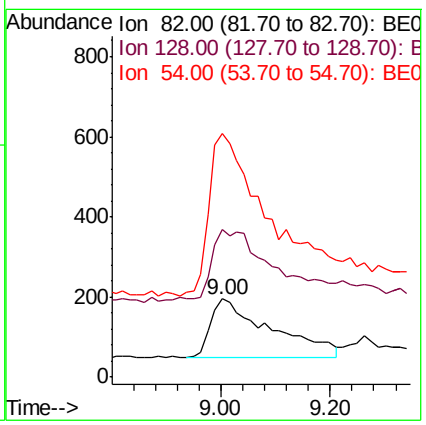


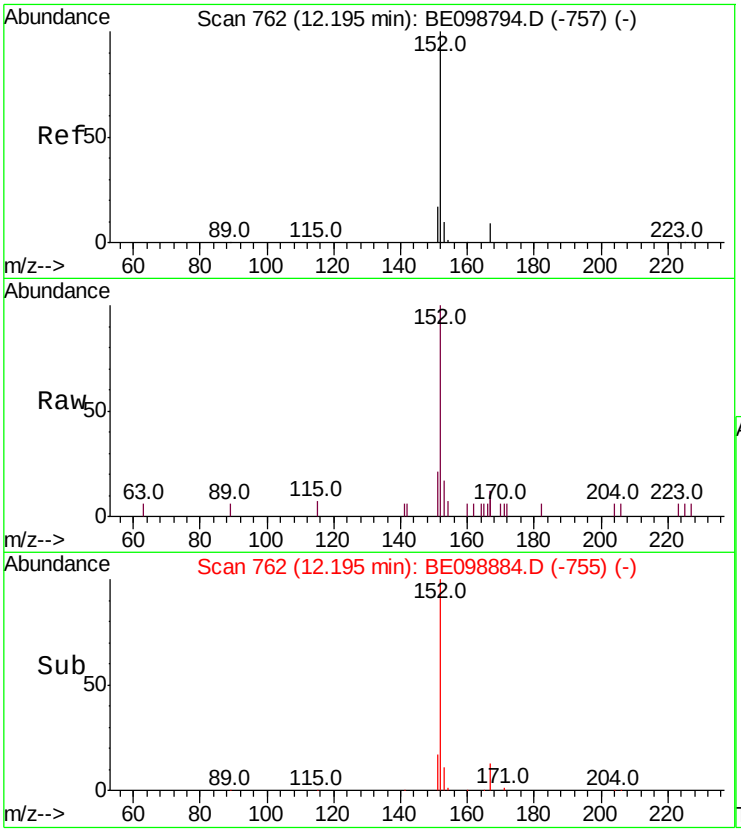


#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.04 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Tgt Ion: 82 Resp: 1136

Ion	Ratio	Lower	Upper
82	100		
128	187.8	123.8	185.8#
54	310.2	203.4	305.2#



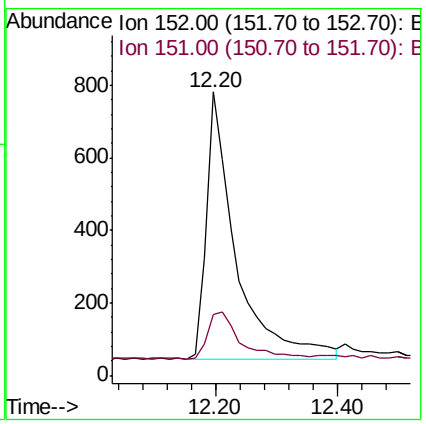


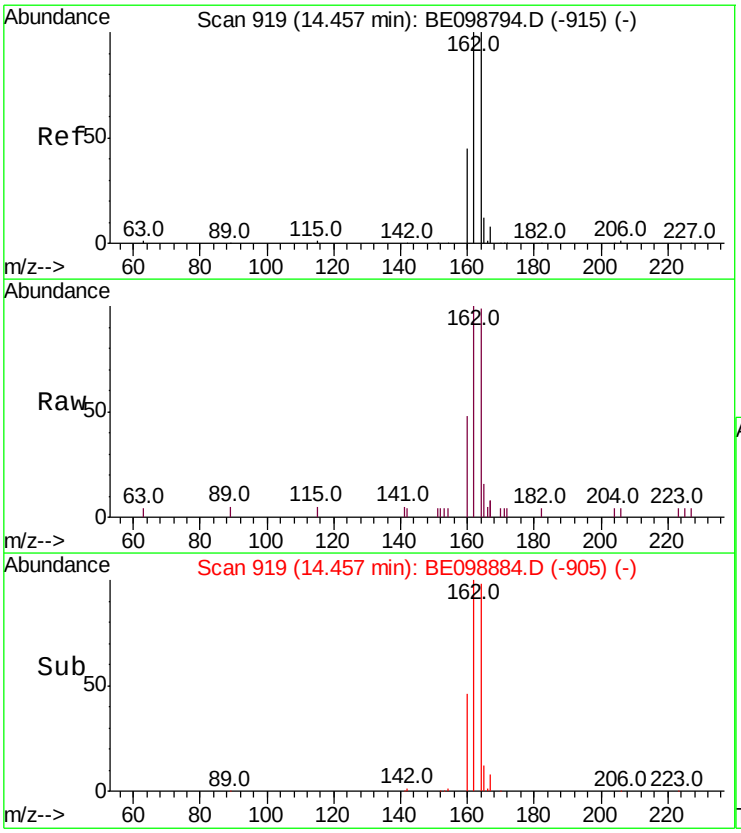
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308

Tgt Ion:152 Resp: 2460

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.5	24.7

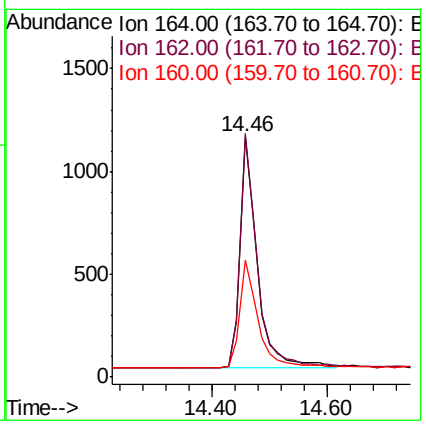


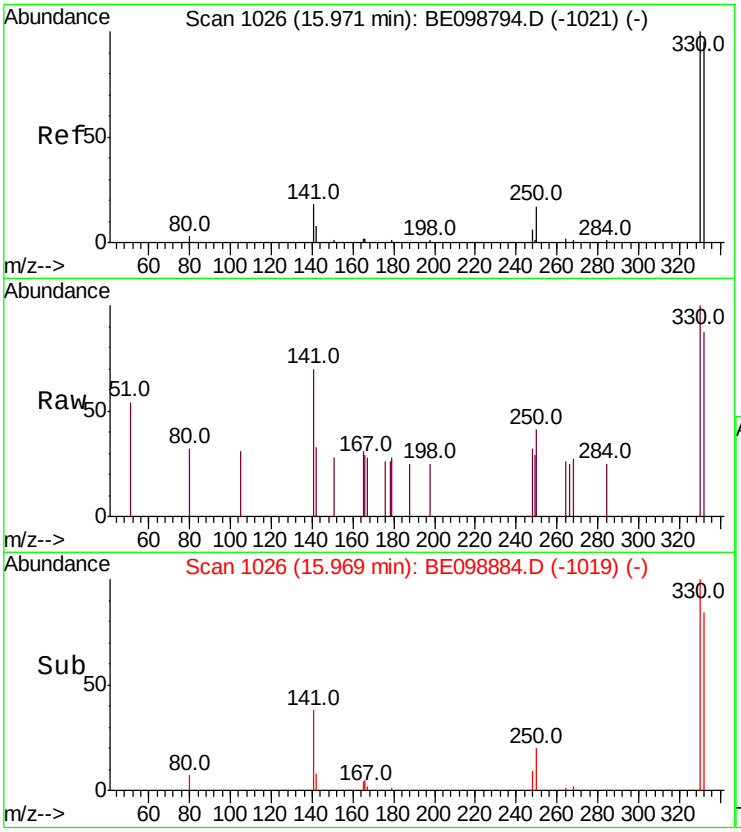


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Tgt Ion:164 Resp: 2351

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	48.8	37.8	56.8



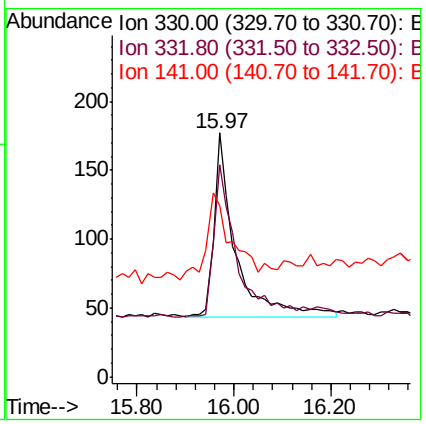


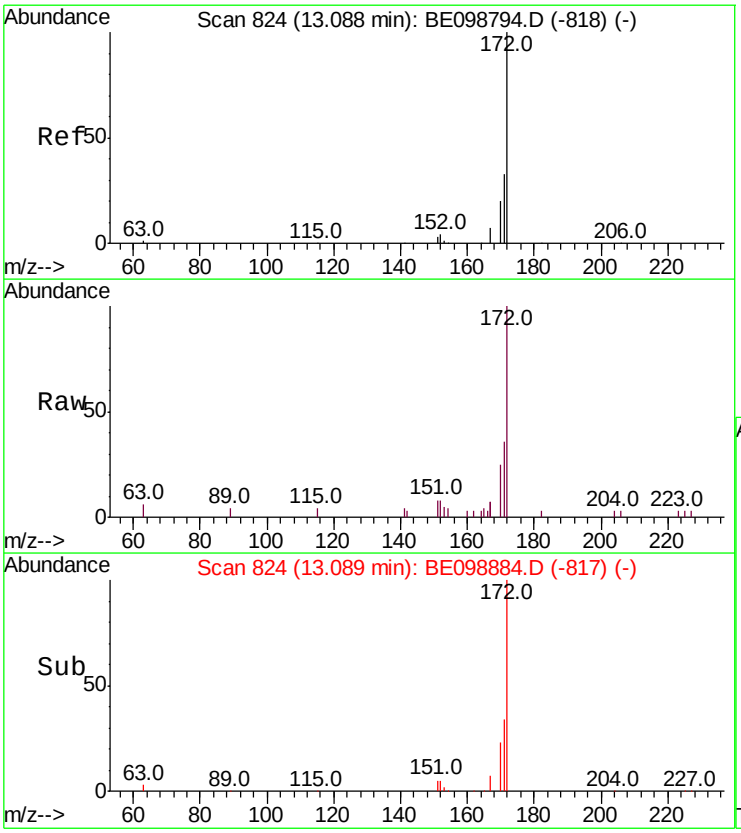
#14
2,4,6-Tribromophenol
Concen: 0.352 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308

Tgt Ion:330 Resp: 418

Ion	Ratio	Lower	Upper
330	100		
332	84.2	77.6	116.4
141	39.7	31.0	46.4

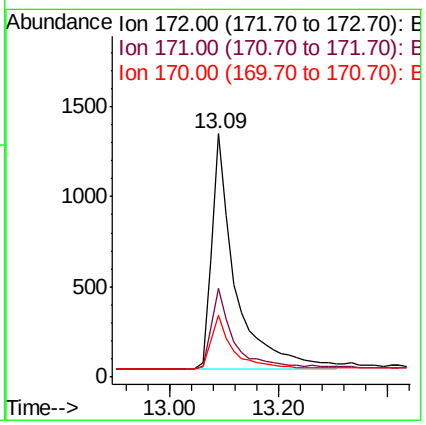


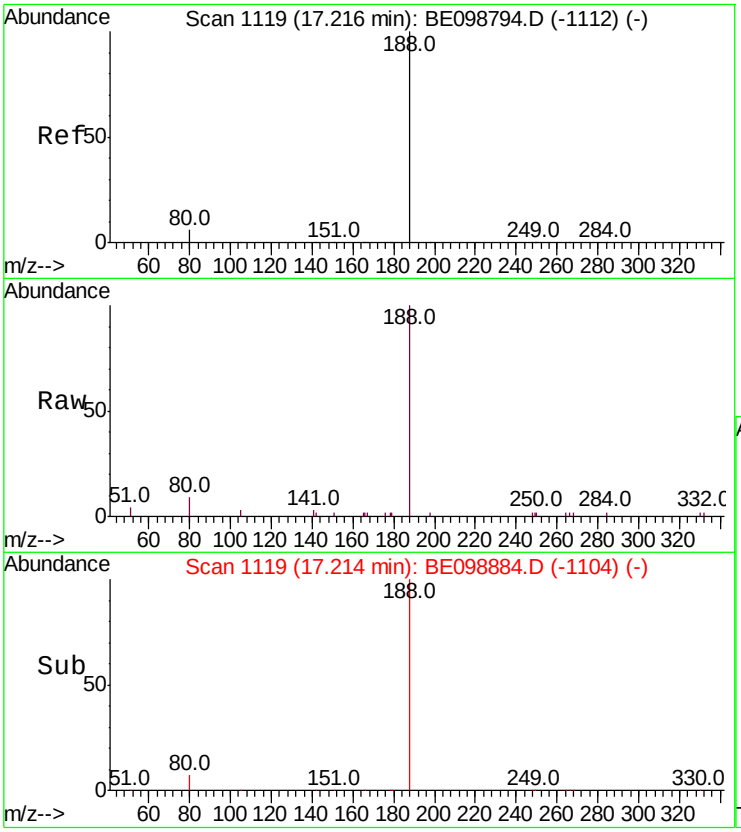


#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Tgt Ion:172 Resp: 3997

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.0	42.0
170	25.3	17.7	26.5



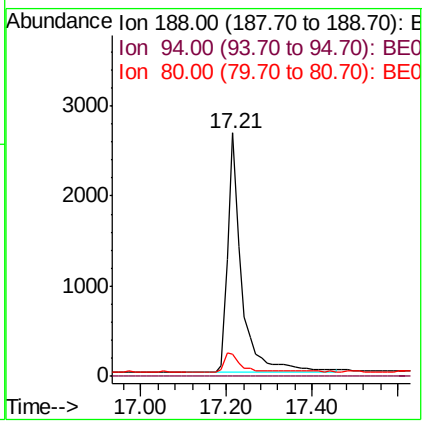


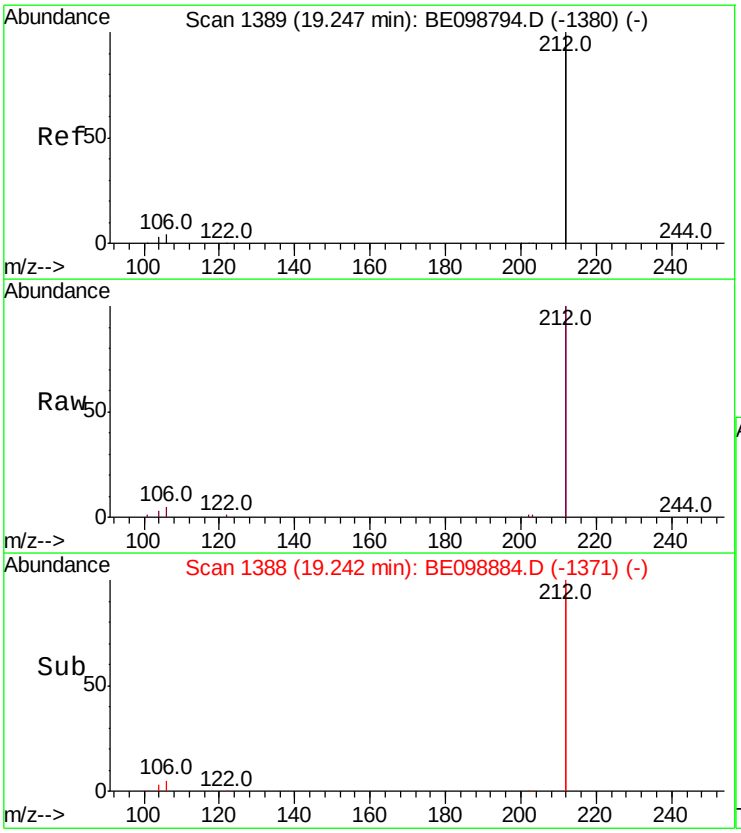
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308

Tgt Ion:188 Resp: 6026

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	6.3	9.5

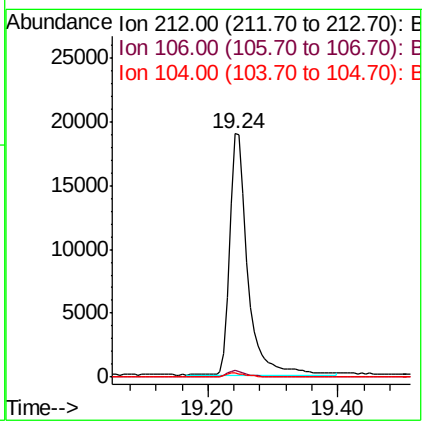


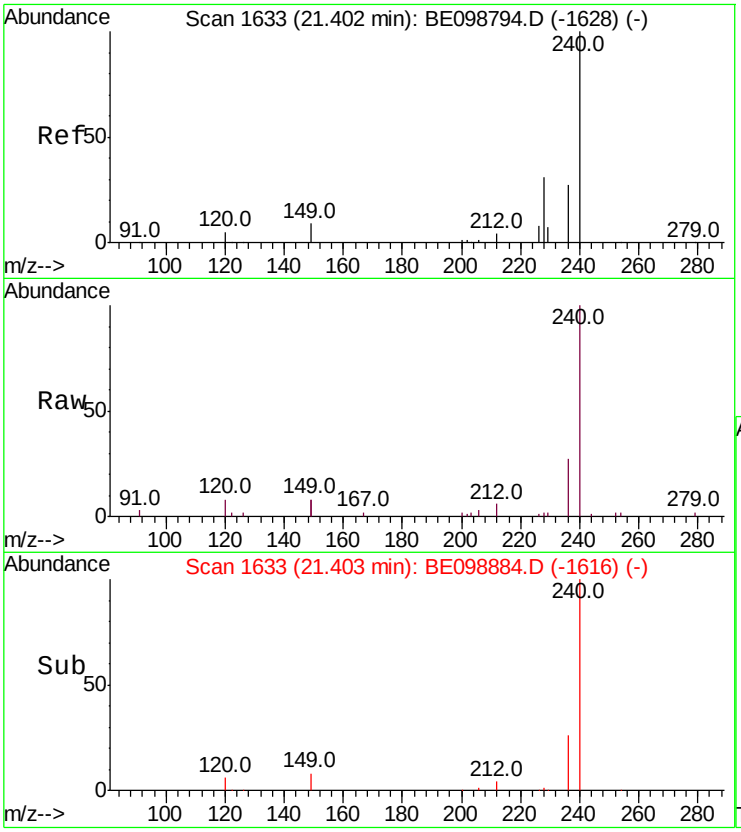


#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Tgt Ion:212 Resp: 35451

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	1.0	1.6



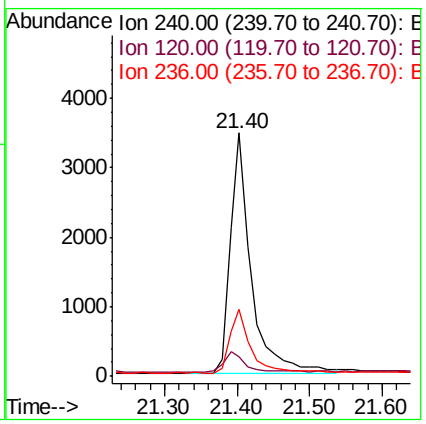


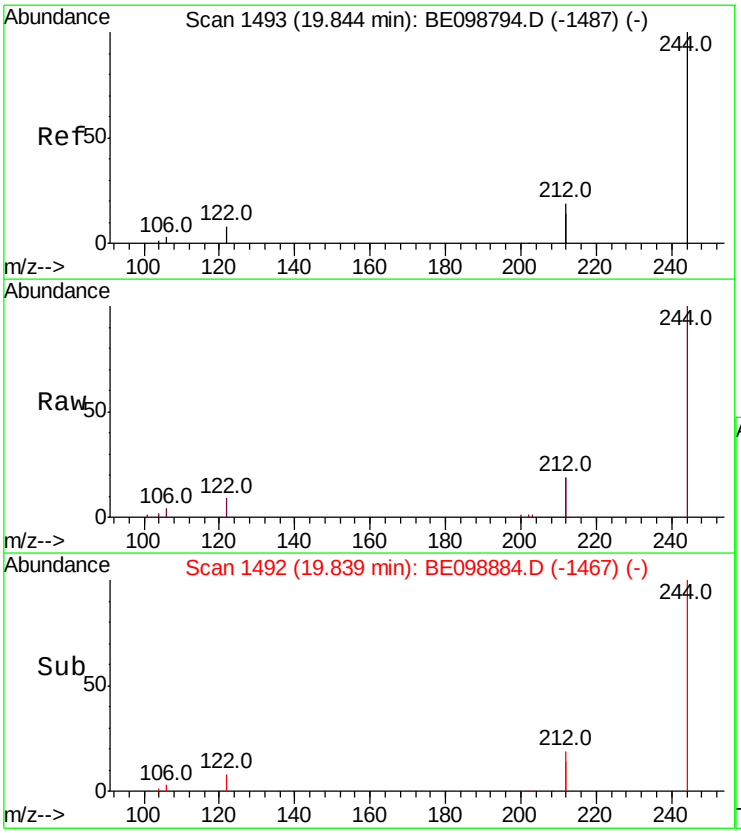
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308

Tgt Ion:240 Resp: 6985

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.0	7.4#
236	27.3	22.7	34.1

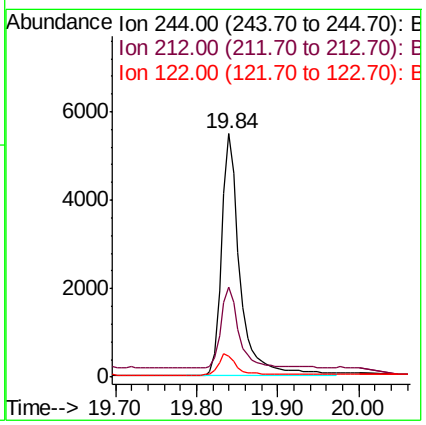


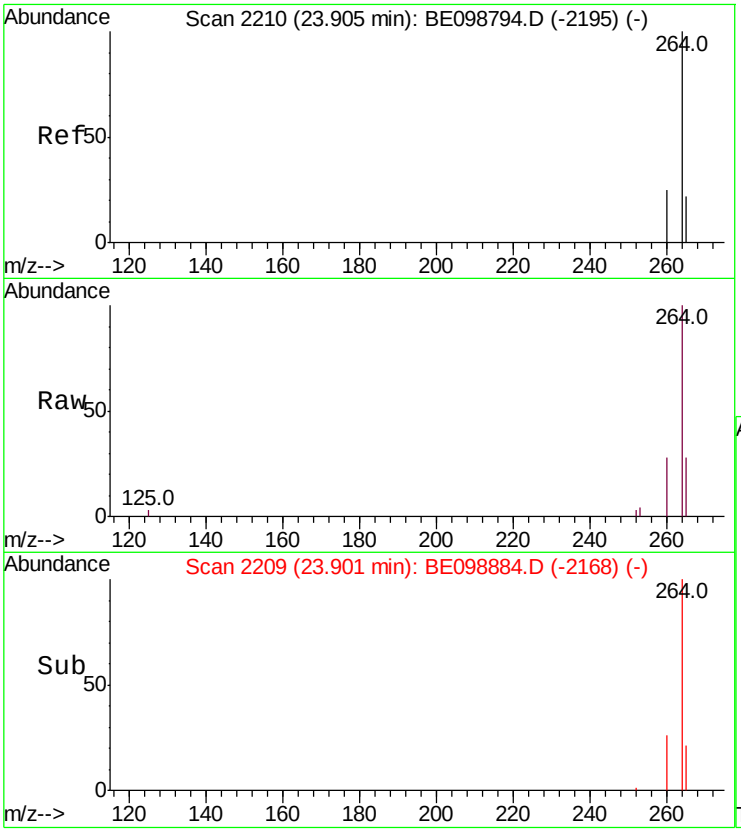


#29
Terphenyl-d14
Concen: 0.503 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Tgt Ion:244 Resp: 8530

Ion	Ratio	Lower	Upper
244	100		
212	37.1	29.4	44.2
122	8.7	7.1	10.7





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098884.D
Acq: 12 Mar 2019 5:58

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308

Tgt Ion:264 Resp: 6923

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.2	31.8
265	27.8	24.6	36.8