Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
Data File : BE098500.D
Acq On : 16 Dec 2018 9:53
Operator : SJ/JU
Sample : J6405-01DL 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TT101D-20181212DL

Quant Time: Dec 17 03:01:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

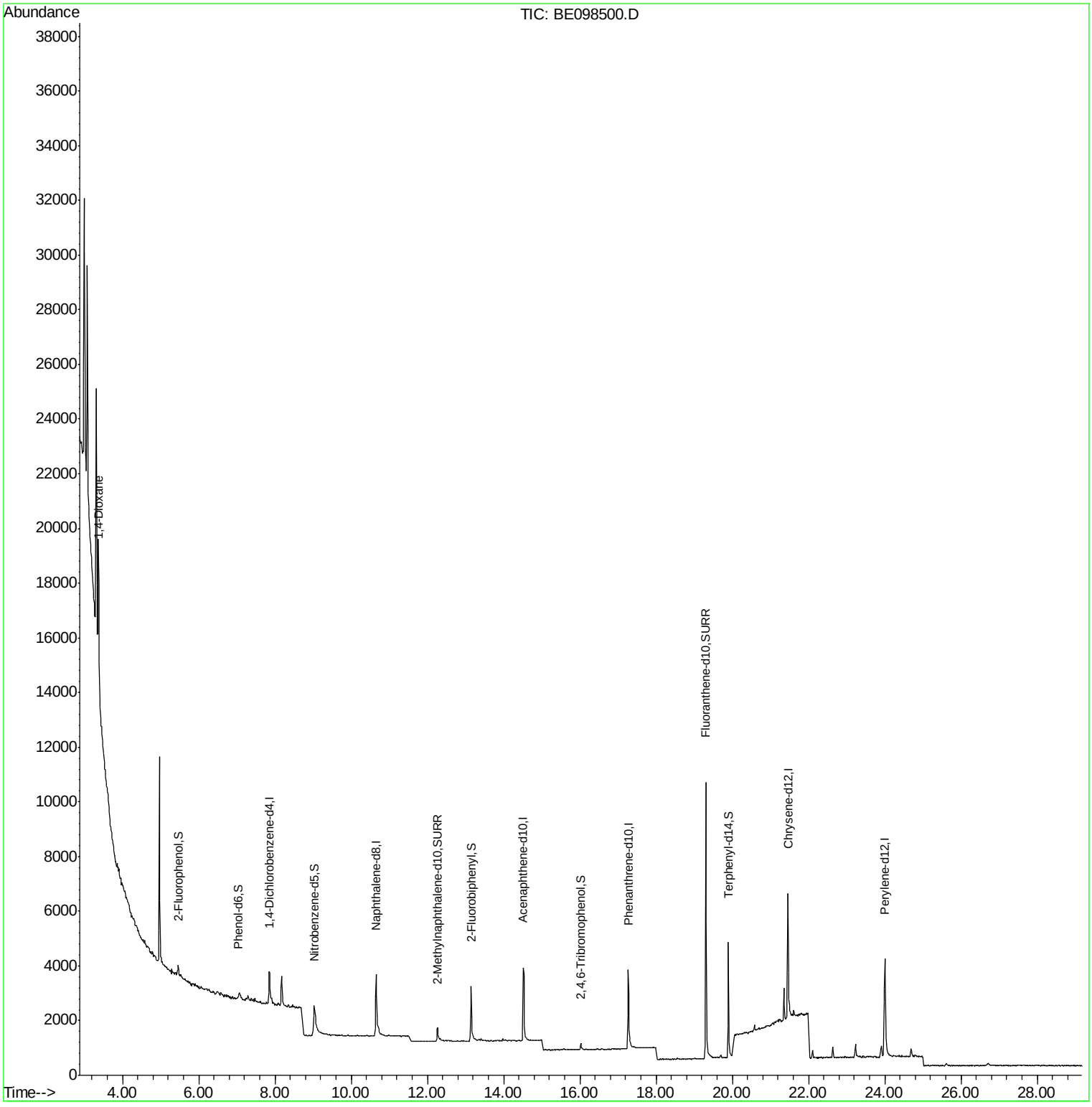
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	777	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3286	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2026	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5318	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6512	0.40	ng	0.00
34) Perylene-d12	24.00	264	6386	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	238	0.13	ng	0.01
5) Phenol-d6	7.04	99	243	0.09	ng	0.00
8) Nitrobenzene-d5	9.03	82	948	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	1059	0.20	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	200	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	2723	0.32	ng	0.00
25) Fluoranthene-d10	19.30	212	15726	0.23	ng	0.00
29) Terphenyl-d14	19.90	244	4151	0.26	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	2805	2.087	ng	# 93

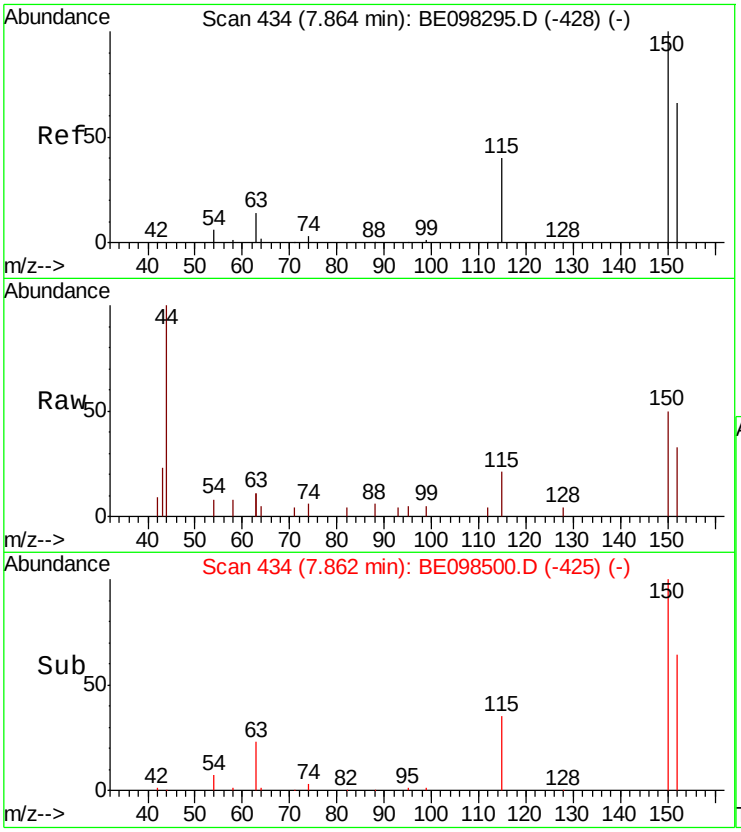
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
Data File : BE098500.D
Acq On : 16 Dec 2018 9:53
Operator : SJ/JU
Sample : J6405-01DL 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TT101D-20181212DL

Quant Time: Dec 17 03:01:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



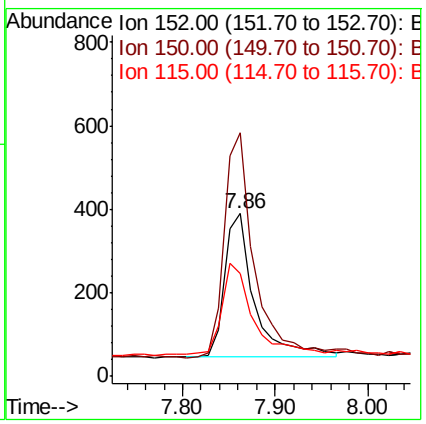


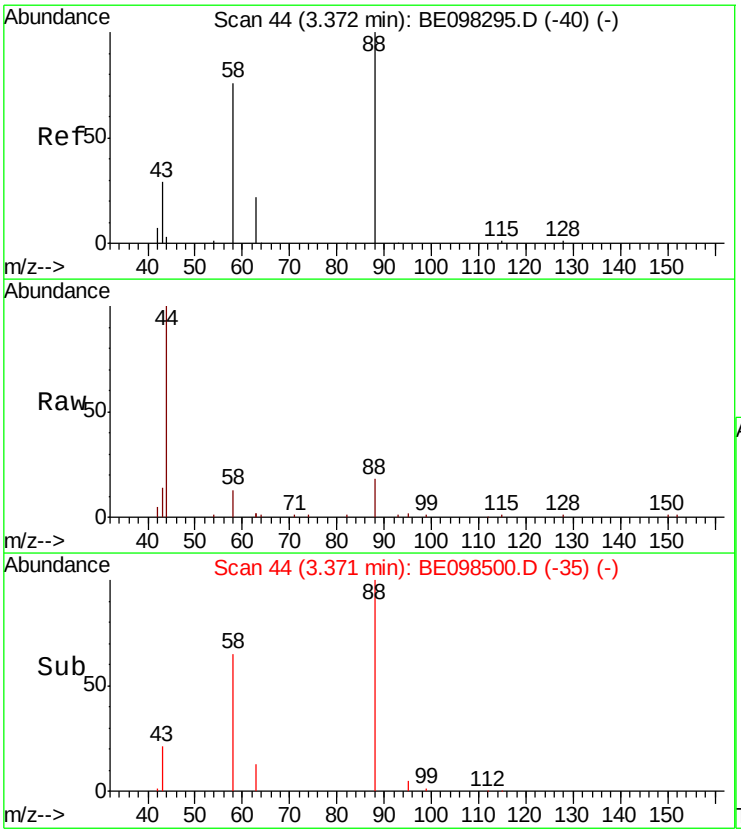
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Instrument :
BNA_E
ClientSampleId :
TT101D-20181212DL

Tgt Ion:152 Resp: 777

Ion	Ratio	Lower	Upper
152	100		
150	149.9	124.2	186.4
115	63.0	53.9	80.9

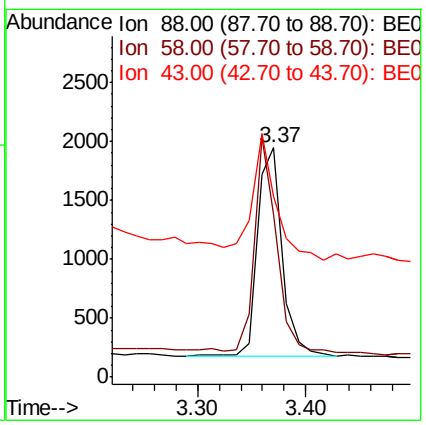


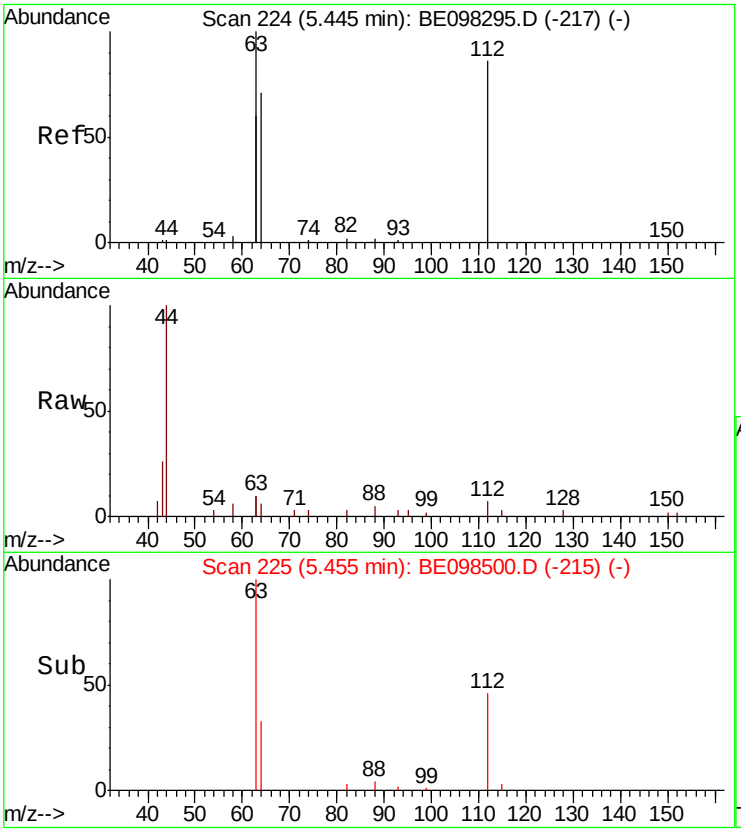


#2
1,4-Dioxane
Concen: 2.087 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Tgt Ion: 88 Resp: 2805

Ion	Ratio	Lower	Upper
88	100		
58	91.9	75.0	112.6
43	59.4	38.3	57.5#



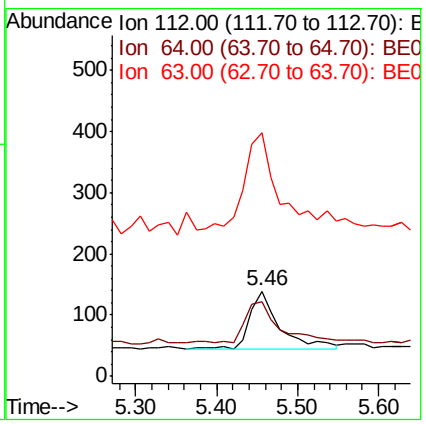


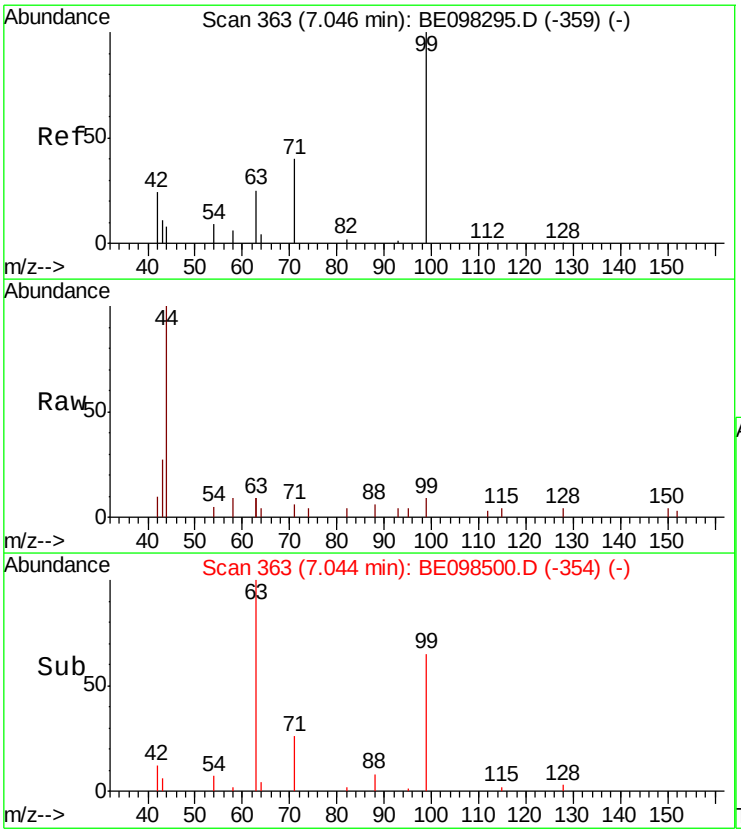
#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Instrument :
BNA_E
ClientSampleId :
TT101D-20181212DL

Tgt Ion:112 Resp: 238

Ion	Ratio	Lower	Upper
112	100		
64	90.8	59.8	89.8#
63	199.6	133.7	200.5

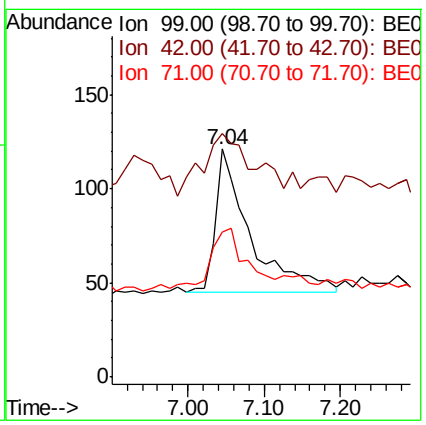


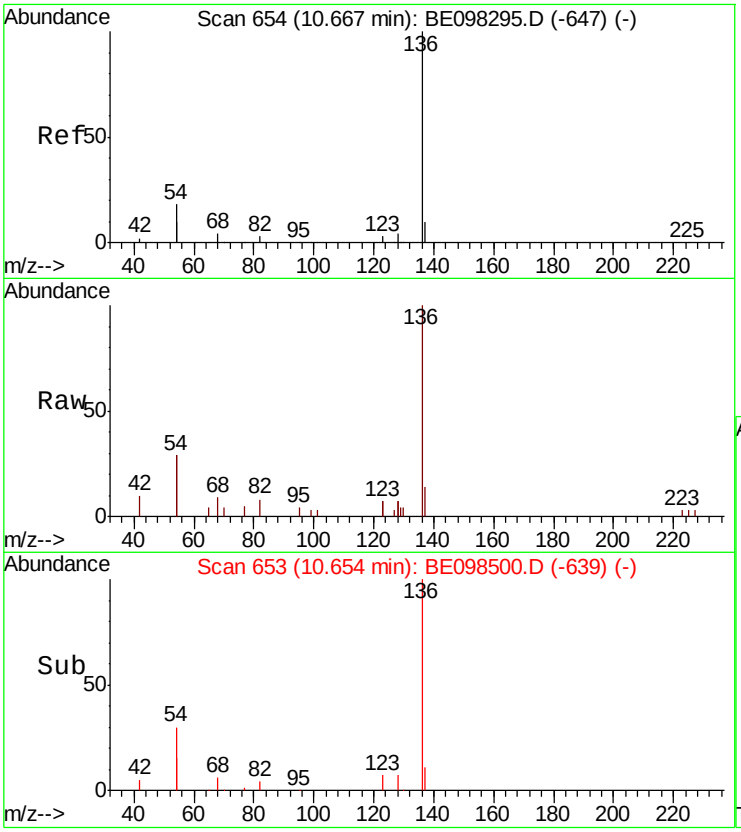


#5
Phenol-d6
Concen: 0.094 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Tgt Ion: 99 Resp: 243

Ion	Ratio	Lower	Upper
99	100		
42	62.1	26.3	39.5#
71	41.2	33.6	50.4



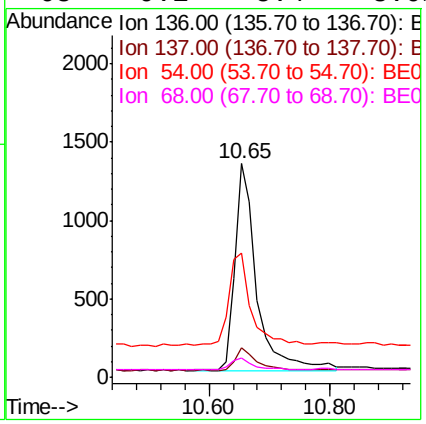


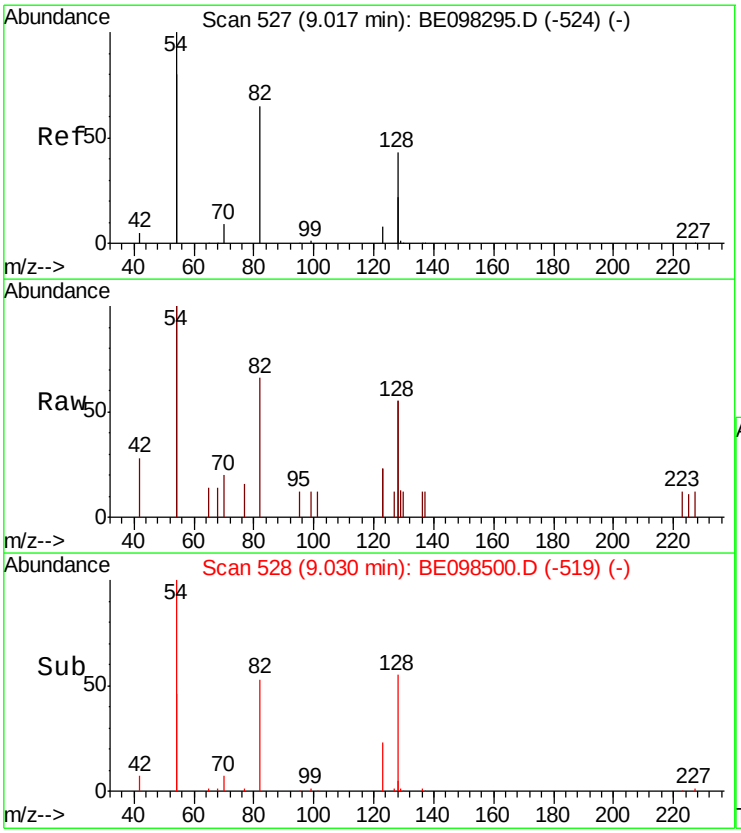
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Instrument : BNA_E
ClientSampleId : TT101D-20181212DL

Tgt Ion:136 Resp: 3286

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.2	13.8
54	58.0	28.4	42.6#
68	9.1	5.4	8.0#

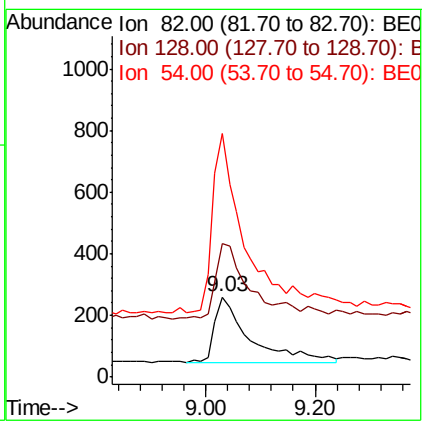


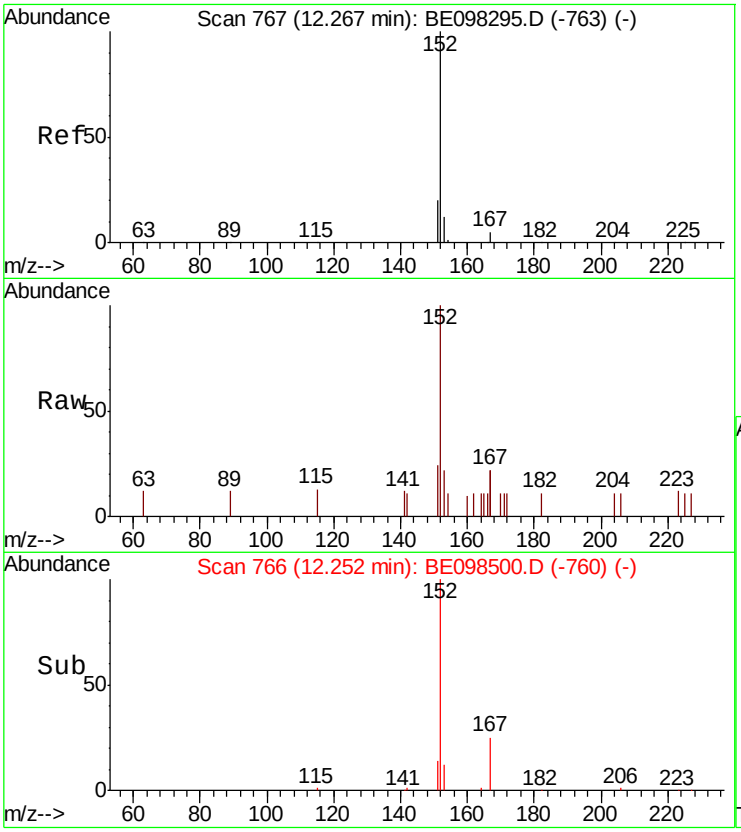


#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Tgt Ion: 82 Resp: 948

Ion	Ratio	Lower	Upper
82	100		
128	166.2	102.4	153.6#
54	303.8	221.8	332.8



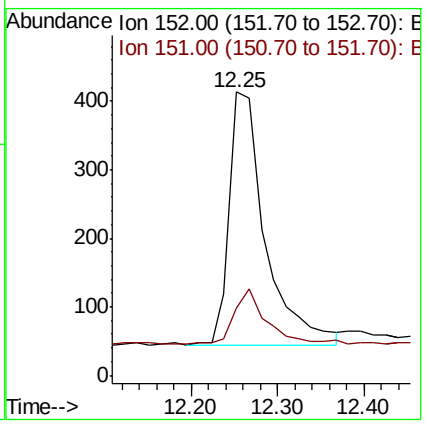


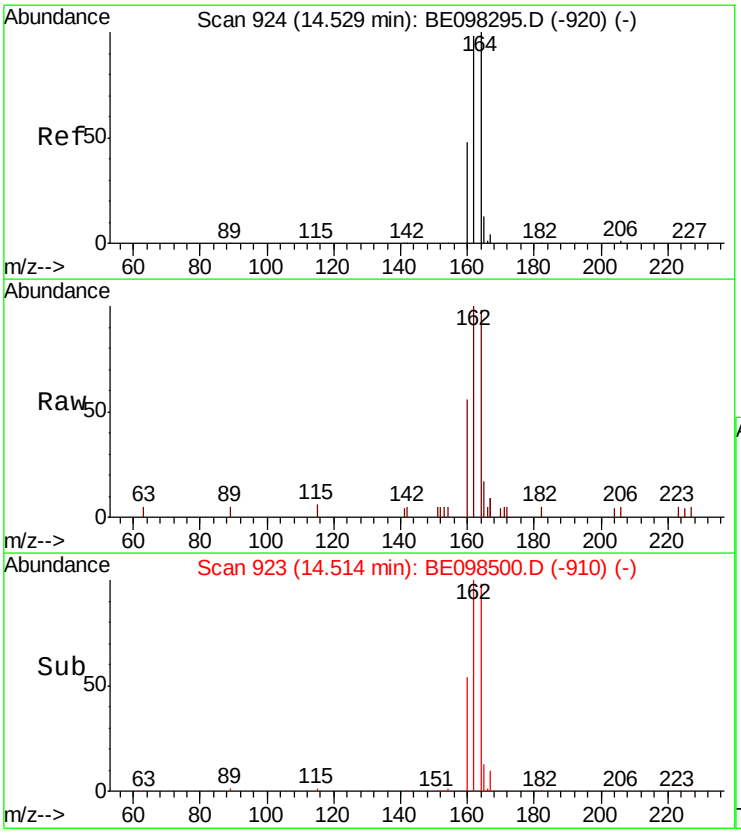
#11
2-Methylnaphthalene-d10
Concen: 0.198 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Instrument :
BNA_E
ClientSampleId :
TT101D-20181212DL

Tgt Ion:152 Resp: 1059

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4

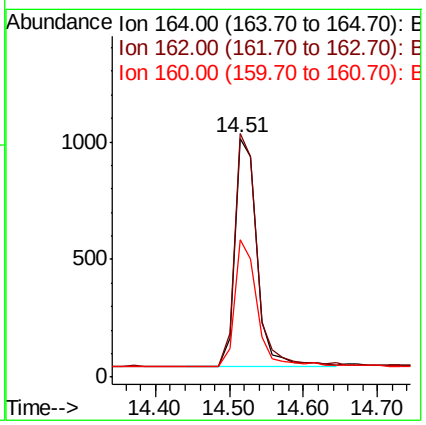


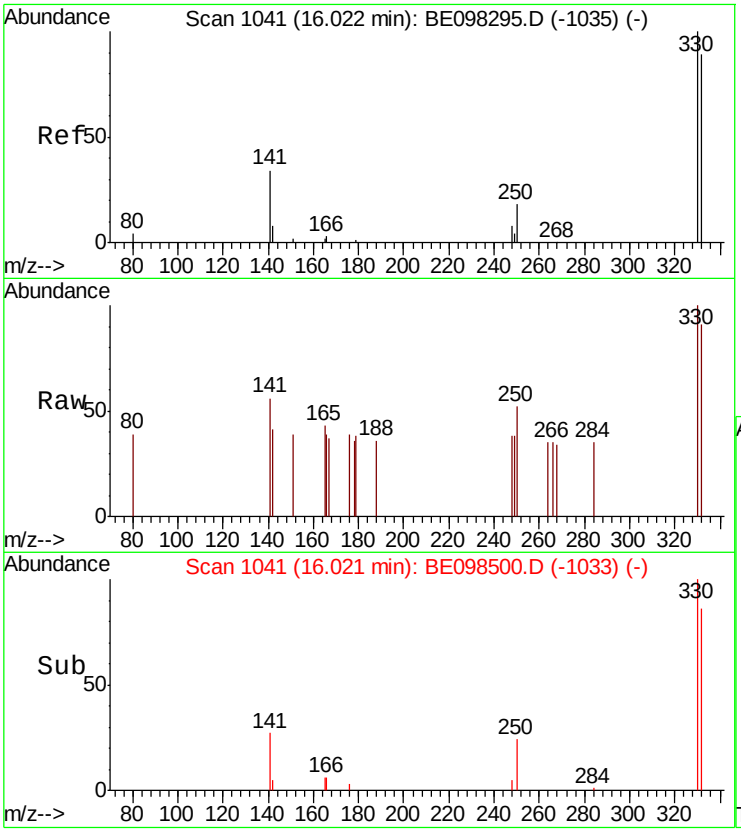


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Tgt Ion:164 Resp: 2026

Ion	Ratio	Lower	Upper
164	100		
162	101.9	77.6	116.4
160	57.4	36.0	54.0#



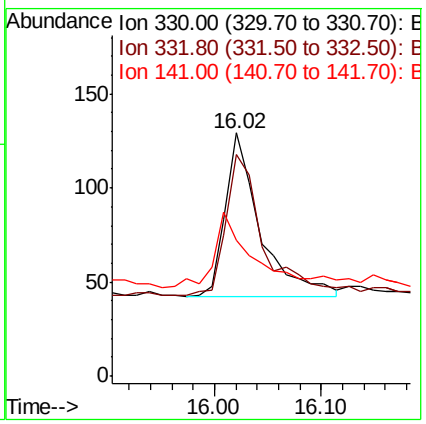


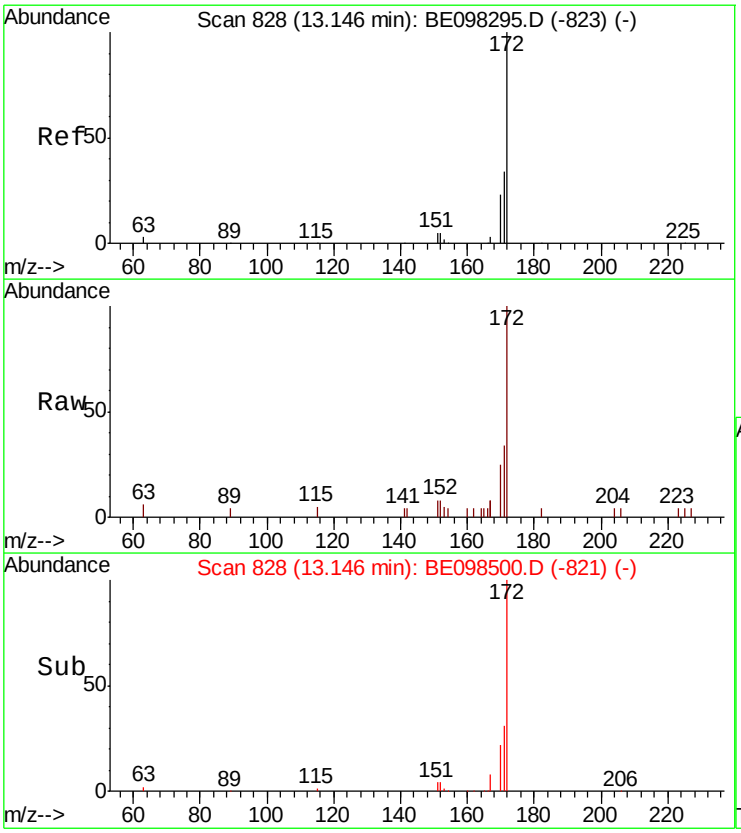
#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Instrument :
BNA_E
ClientSampleId :
TT101D-20181212DL

Tgt Ion:330 Resp: 200

Ion	Ratio	Lower	Upper
330	100		
332	92.0	76.2	114.4
141	55.5	39.0	58.4

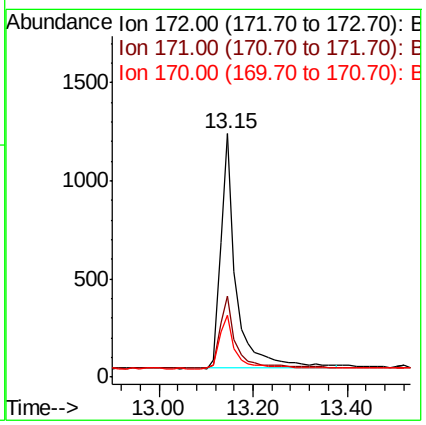


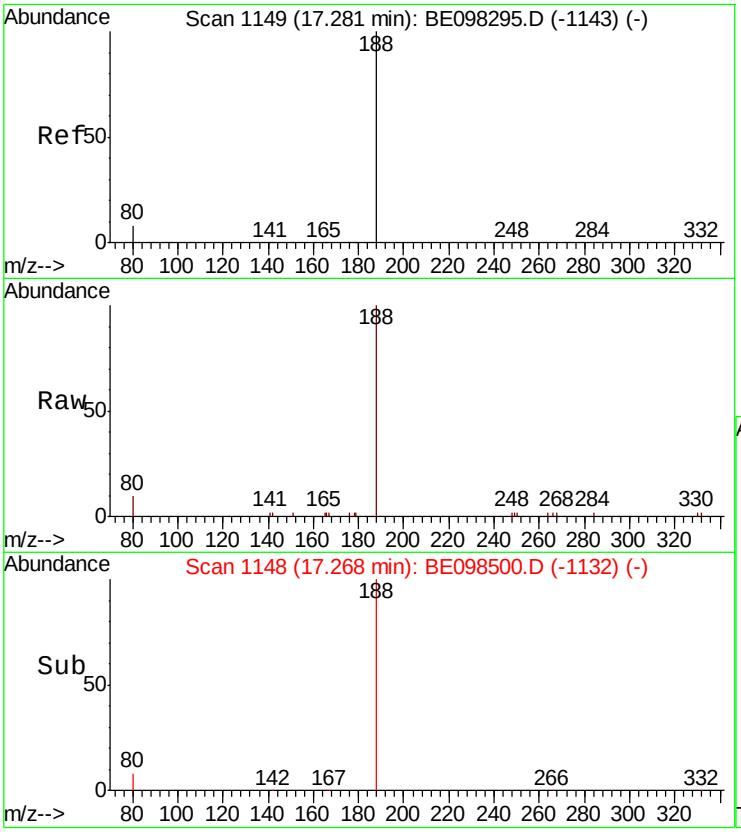


#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Tgt Ion:172 Resp: 2723

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.5	41.3
170	25.3	19.6	29.4



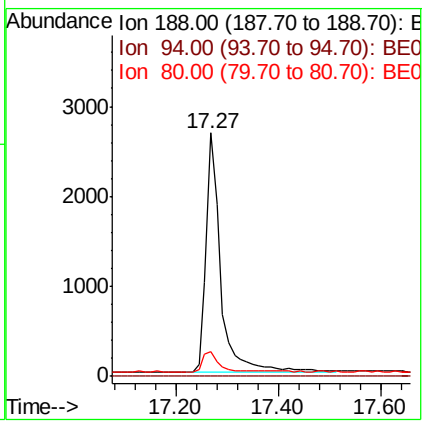


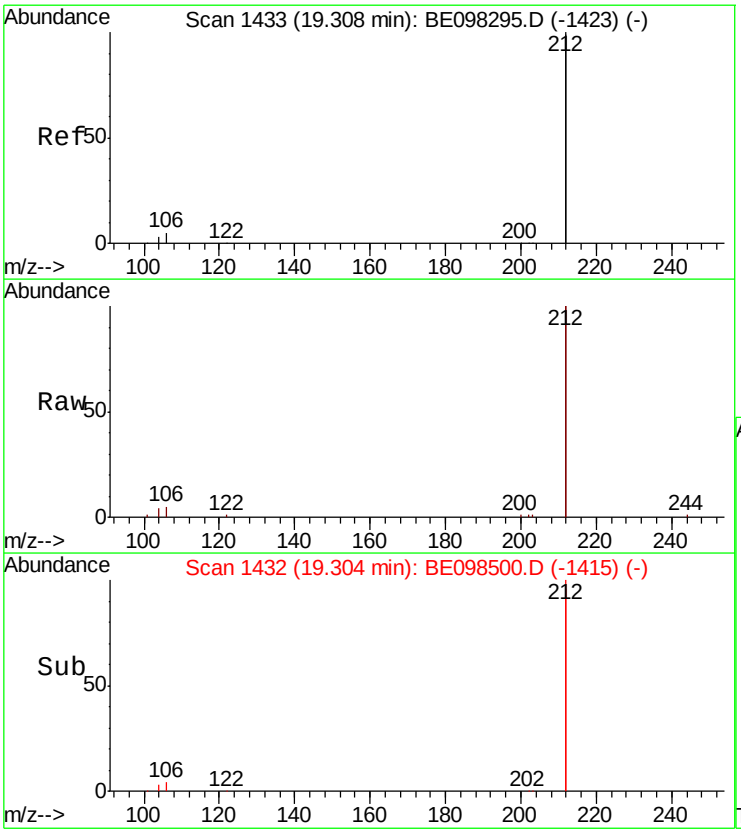
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Instrument :
BNA_E
ClientSampleId :
TT101D-20181212DL

Tgt Ion:188 Resp: 5318

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	7.2	10.8

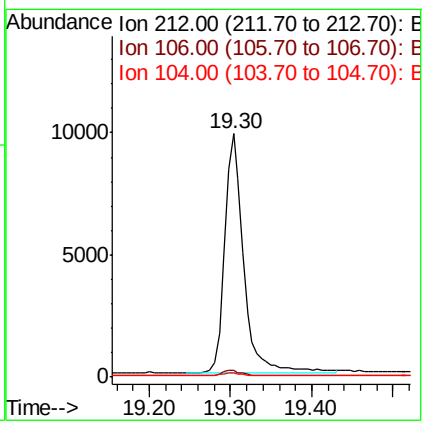


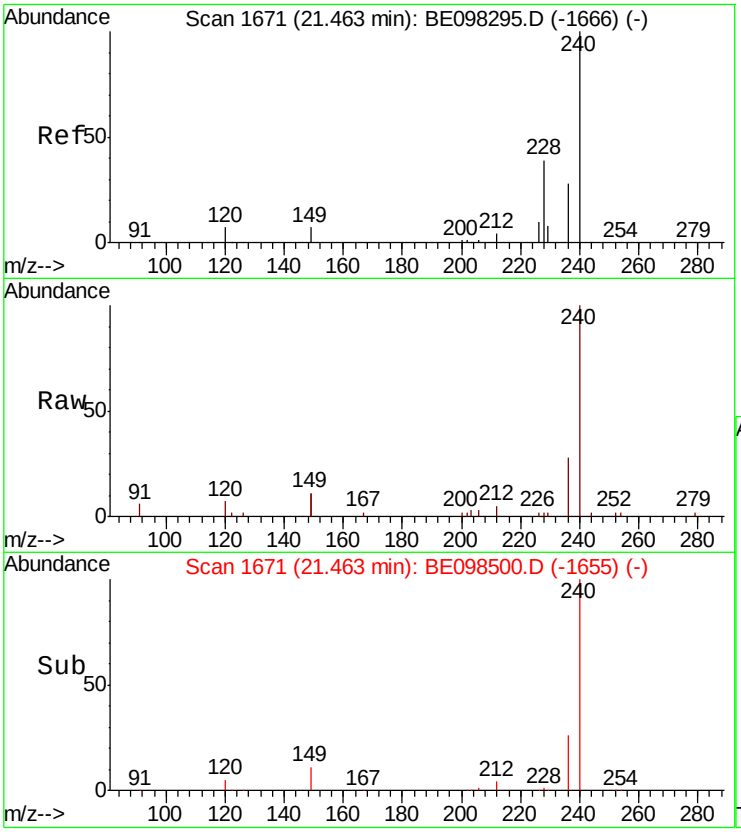


#25
Fluoranthene-d10
Concen: 0.231 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Tgt Ion:212 Resp: 15726

Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.3	1.3	1.9



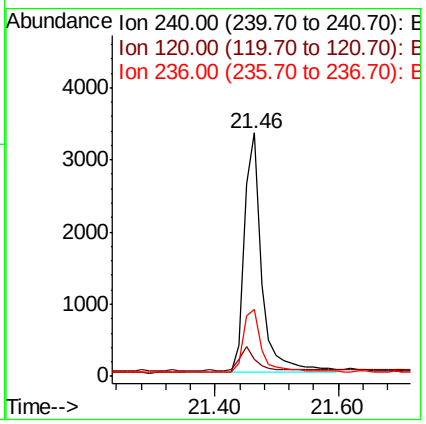


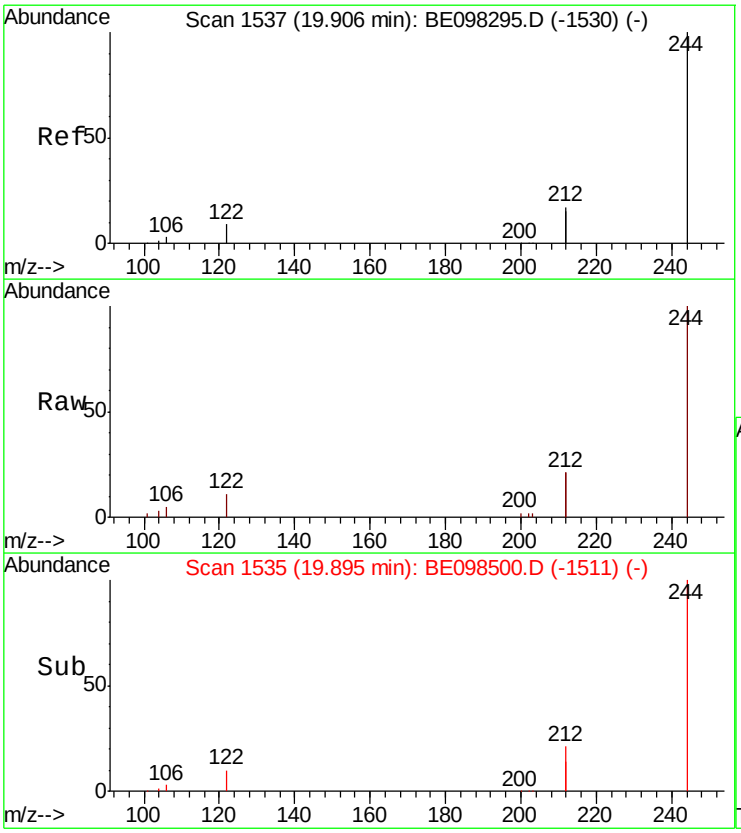
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Instrument :
BNA_E
ClientSampleId :
TT101D-20181212DL

Tgt Ion:240 Resp: 6512

Ion	Ratio	Lower	Upper
240	100		
120	7.1	9.5	14.3#
236	27.5	22.7	34.1

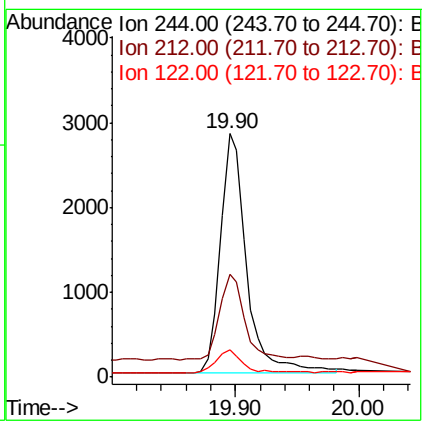


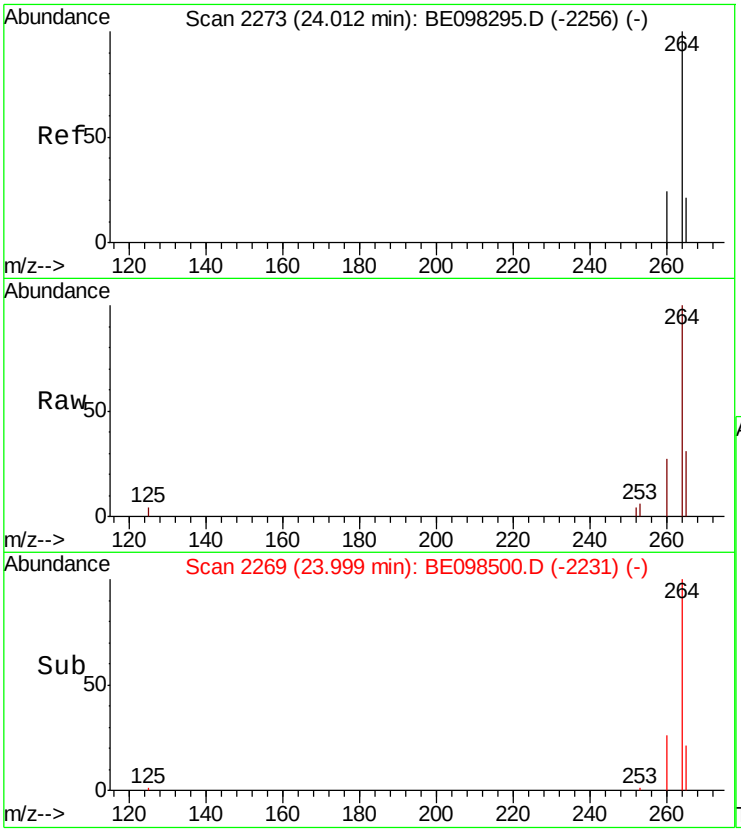


#29
Terphenyl-d14
Concen: 0.262 ng
RT: 19.90 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Tgt Ion:244 Resp: 4151

Ion	Ratio	Lower	Upper
244	100		
212	42.1	27.4	41.0#
122	11.3	8.3	12.5





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Instrument :
BNA_E
ClientSampleId :
TT101D-20181212DL

Tgt Ion:264 Resp: 6386

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.2	30.2
265	30.7	25.2	37.8