Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121618\
Data File : BE098506.D
Acq On : 16 Dec 2018 14:30
Operator : SJ/JU
Sample : J6405-11DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DUP03-20181210DL

Quant Time: Dec 17 03:32:58 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	496	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	2087	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1329	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	4184	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	5792	0.40	ng	0.00
34) Perylene-d12	24.00	264	5522	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	126	0.11	ng	0.00
5) Phenol-d6	7.07	99	86	0.05	ng	0.02
8) Nitrobenzene-d5	9.06	82	318	0.17	ng	0.04
11) 2-Methylnaphthalene-d10	12.27	152	693	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	125	0.26	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	1333	0.24	ng	0.00
25) Fluoranthene-d10	19.30	212	14242	0.27	ng	0.00
29) Terphenyl-d14	19.90	244	3196	0.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	2454	2.861	ng	94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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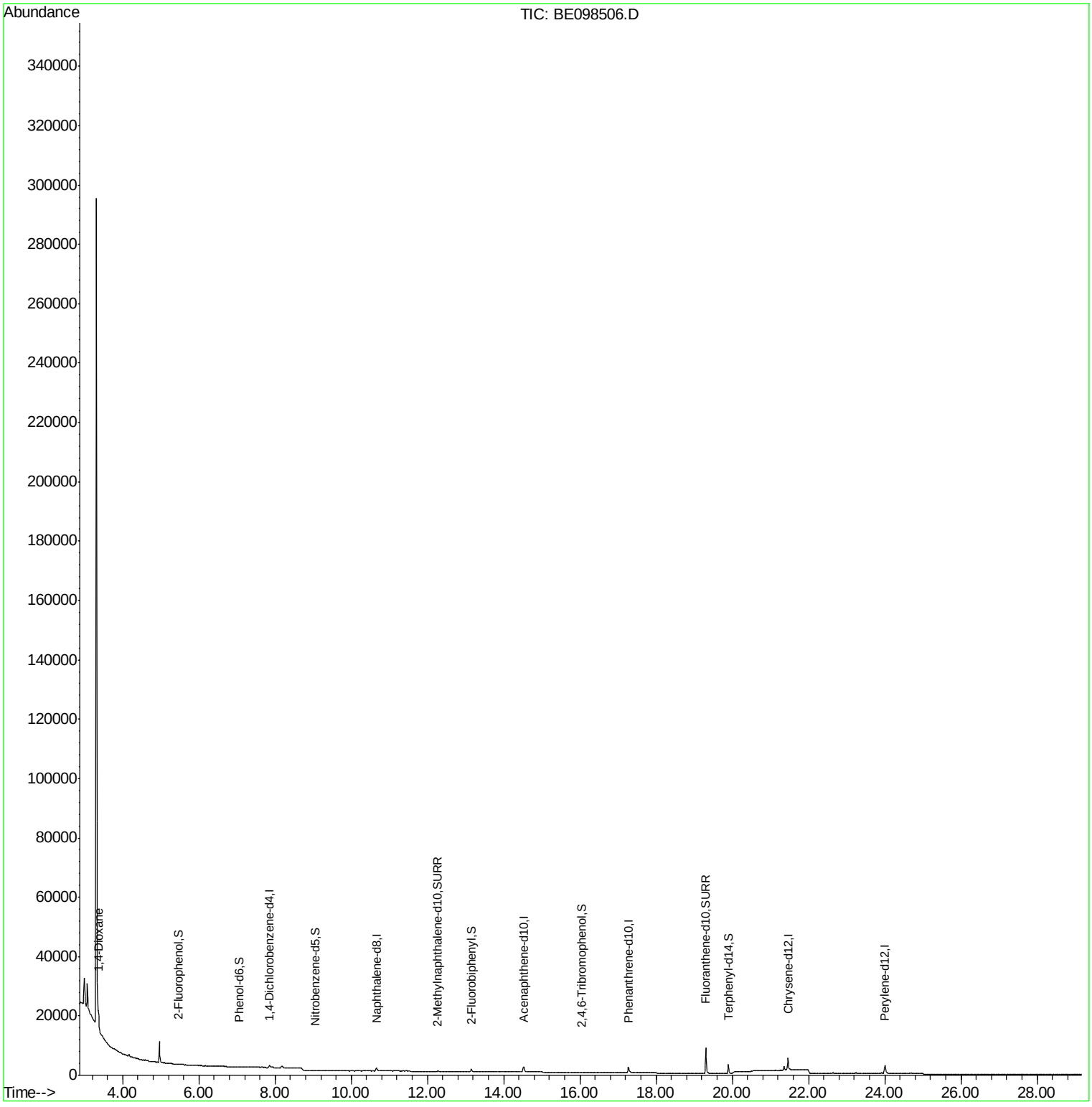
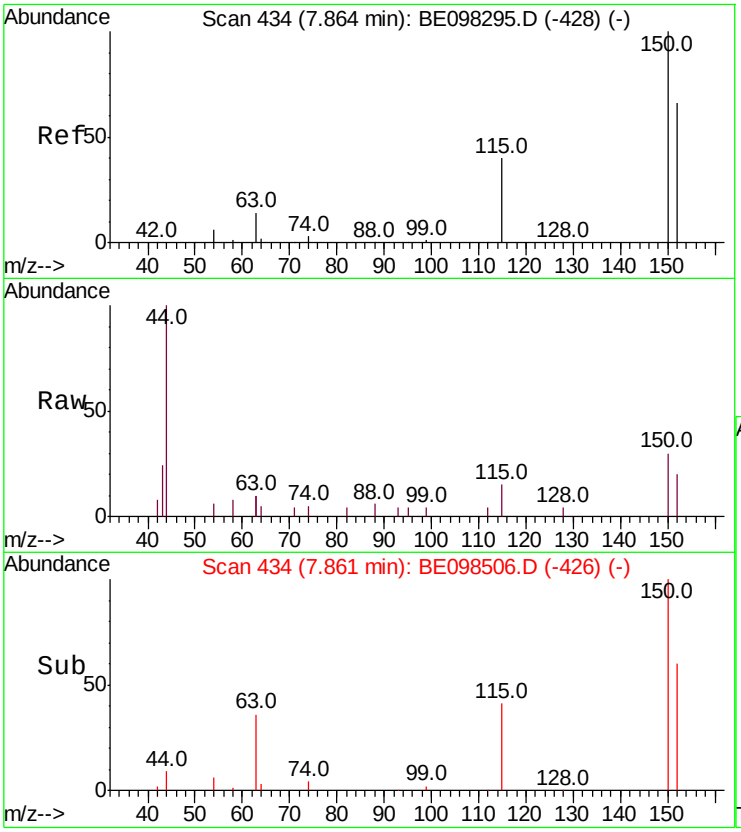


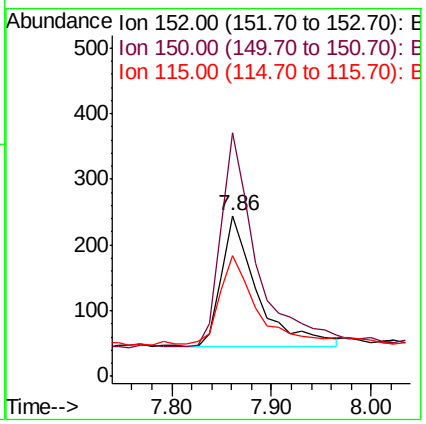


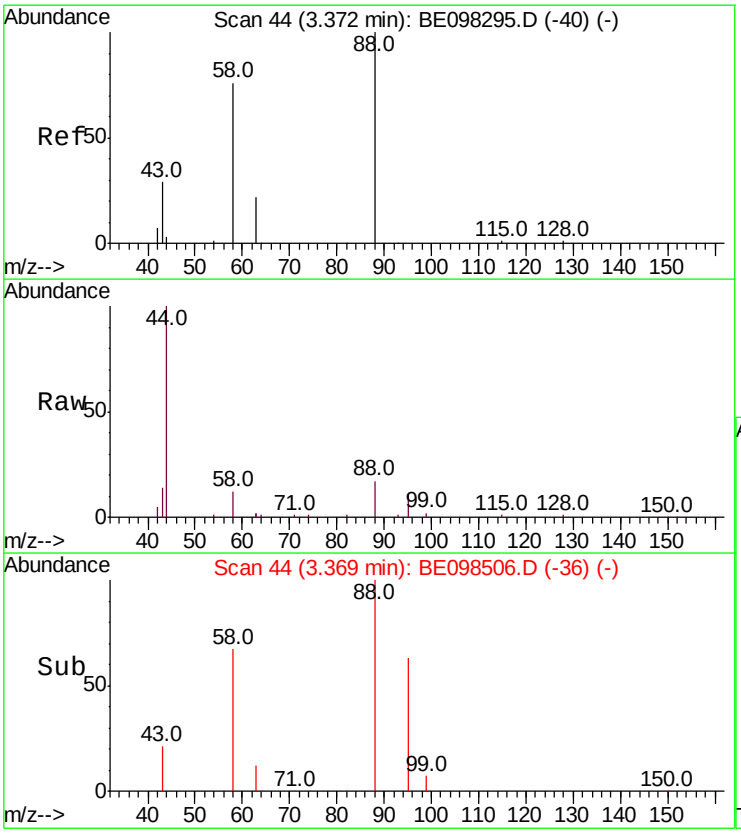
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Instrument :
BNA_E
ClientSampleId :
DUP03-20181210DL

Tgt Ion:152 Resp: 496

Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.2	186.4
115	75.1	53.9	80.9

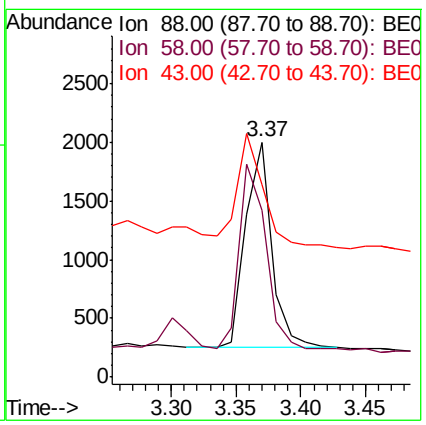


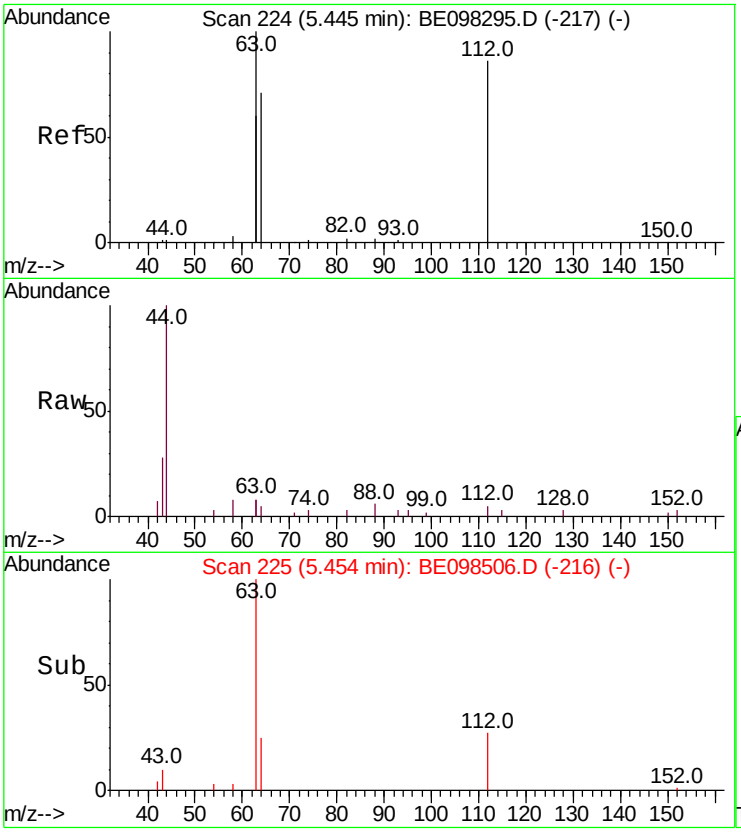


#2
1,4-Dioxane
Concen: 2.861 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Tgt Ion: 88 Resp: 2454

Ion	Ratio	Lower	Upper
88	100		
58	91.5	75.0	112.6
43	56.5	38.3	57.5



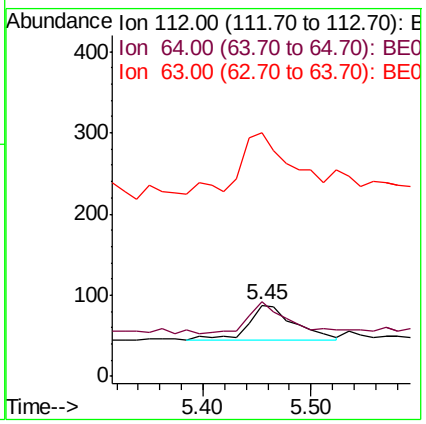


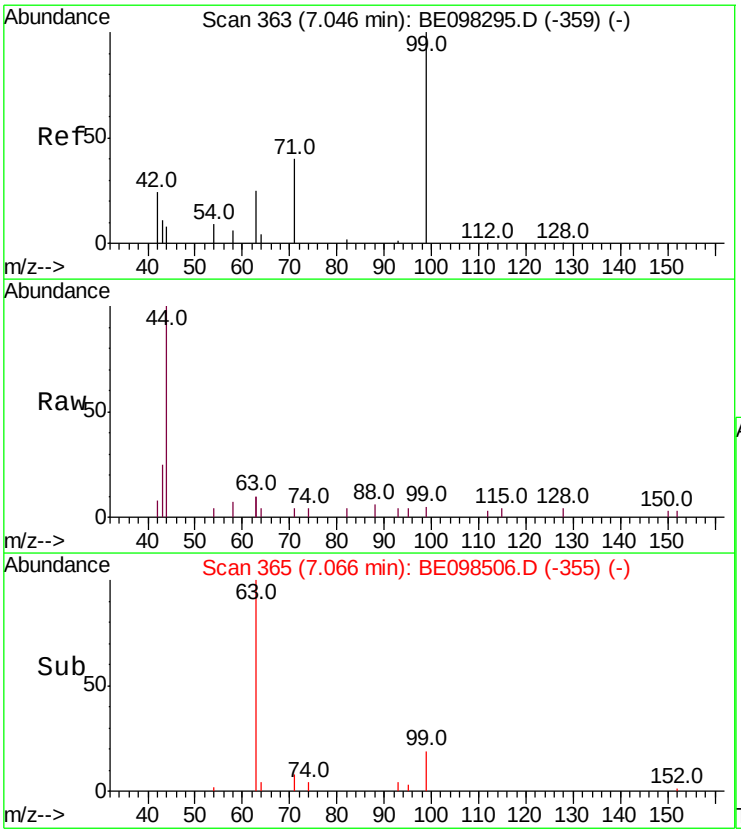
#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Instrument :
BNA_E
ClientSampleId :
DUP03-20181210DL

Tgt Ion:112 Resp: 126

Ion	Ratio	Lower	Upper
112	100		
64	89.7	59.8	89.8
63	198.4	133.7	200.5

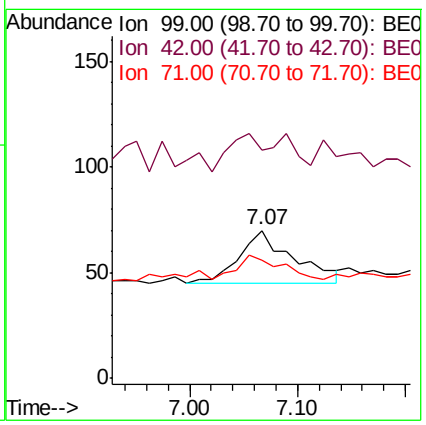


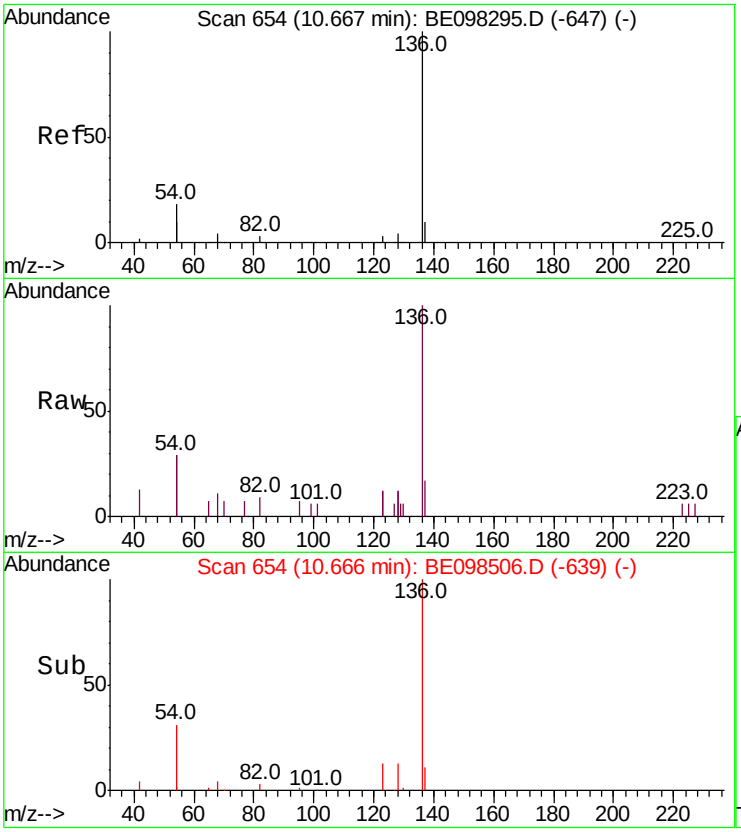


#5
Phenol-d6
Concen: 0.052 ng
RT: 7.07 min Scan# 365
Delta R.T. 0.02 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Tgt Ion: 99 Resp: 86

Ion	Ratio	Lower	Upper
99	100		
42	76.7	26.3	39.5#
71	34.9	33.6	50.4



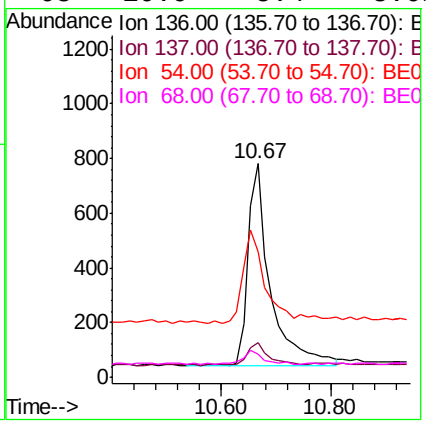


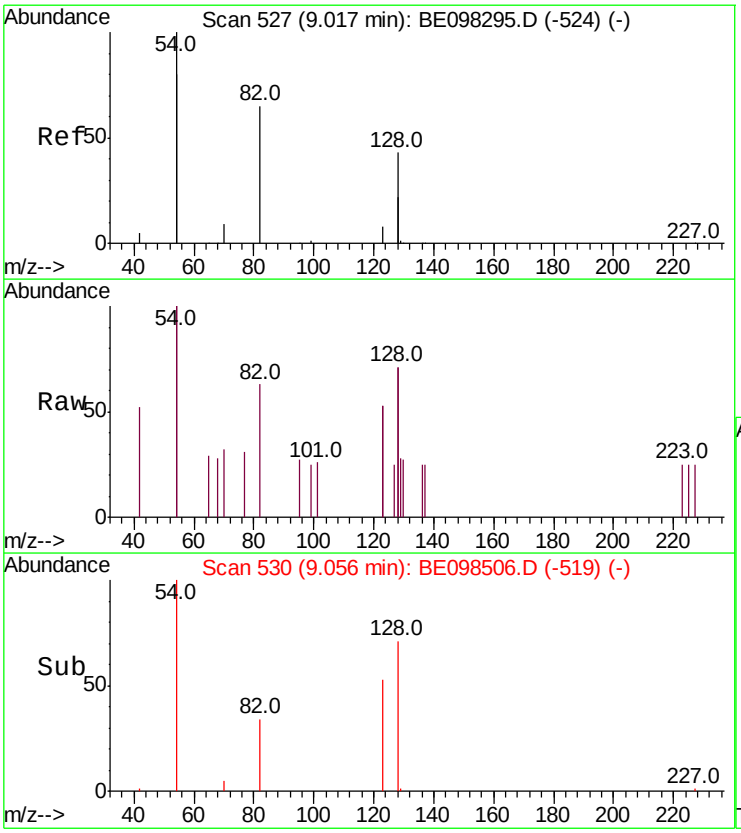
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Instrument :
BNA_E
ClientSampleId :
DUP03-20181210DL

Tgt Ion:136 Resp: 2087

Ion	Ratio	Lower	Upper
136	100		
137	16.5	9.2	13.8#
54	58.9	28.4	42.6#
68	10.9	5.4	8.0#

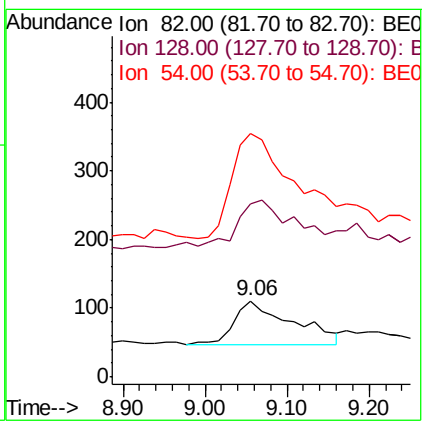


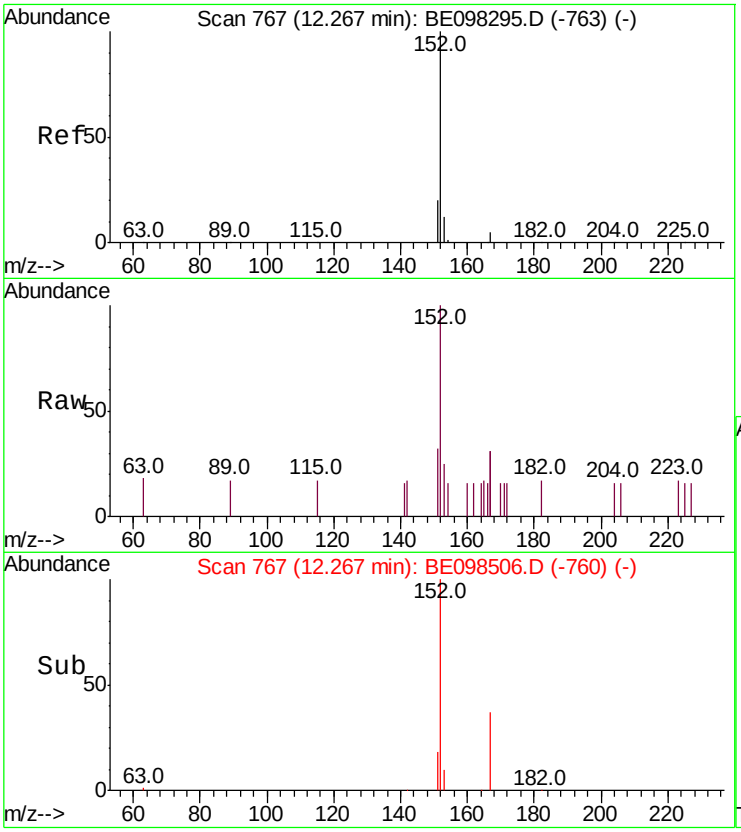


#8
Nitrobenzene-d5
Concen: 0.167 ng
RT: 9.06 min Scan# 530
Delta R.T. 0.04 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Tgt Ion: 82 Resp: 318

Ion	Ratio	Lower	Upper
82	100		
128	227.0	102.4	153.6#
54	318.9	221.8	332.8



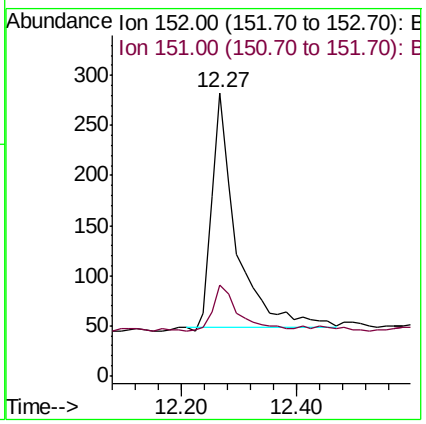


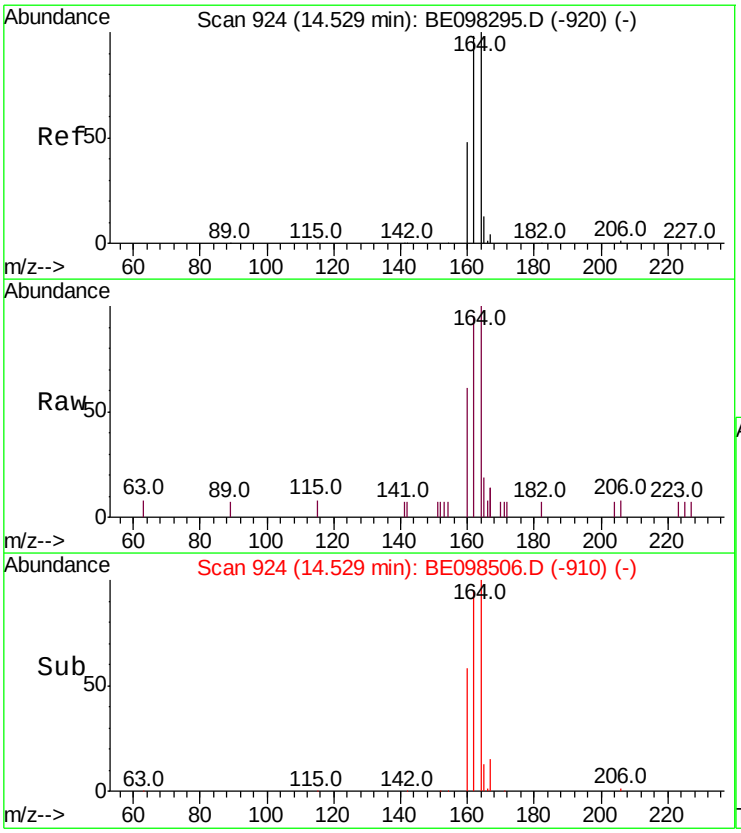
#11
2-Methylnaphthalene-d10
Concen: 0.204 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Instrument :
BNA_E
ClientSampleId :
DUP03-20181210DL

Tgt Ion:152 Resp: 693

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.2	24.4

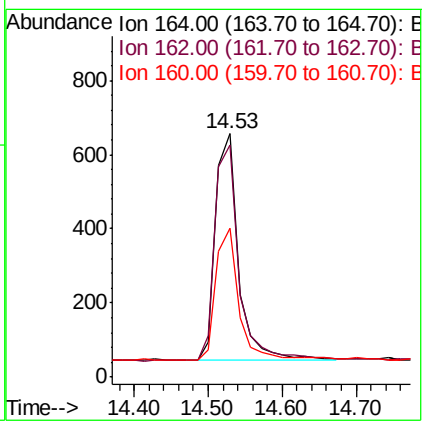


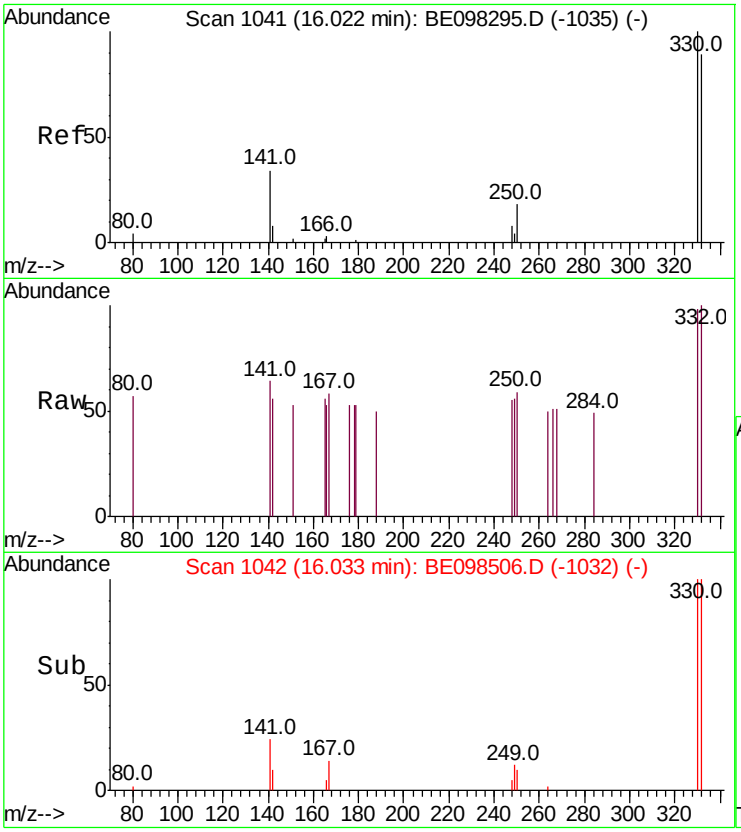


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Tgt Ion:164 Resp: 1329

Ion	Ratio	Lower	Upper
164	100		
162	95.3	77.6	116.4
160	60.9	36.0	54.0#



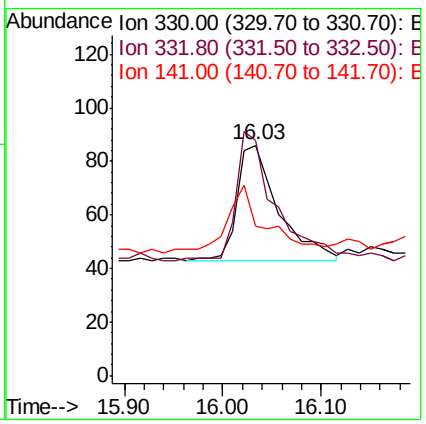


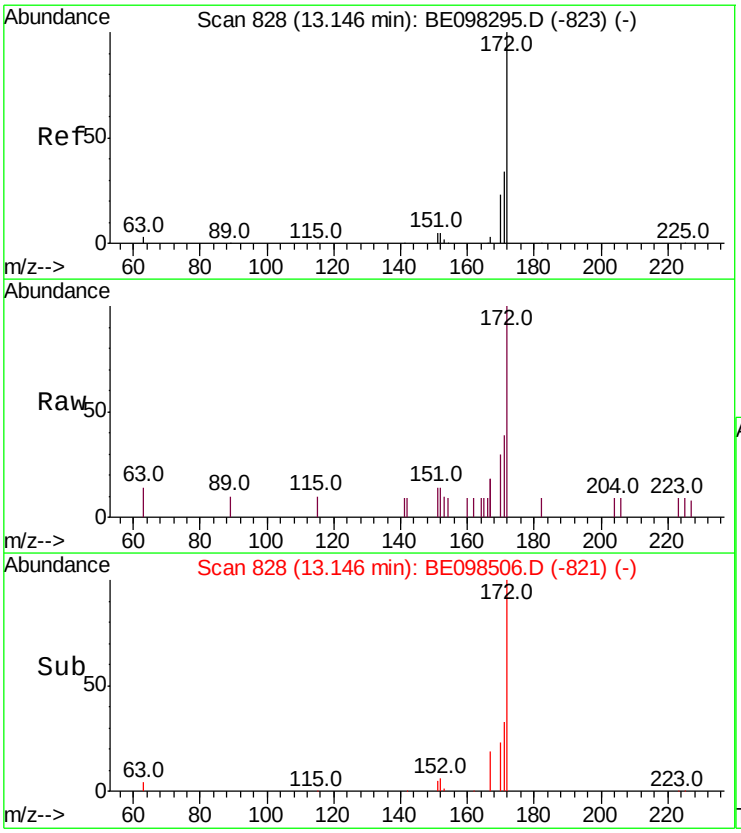
#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Instrument :
BNA_E
ClientSampleId :
DUP03-20181210DL

Tgt Ion:330 Resp: 125

Ion	Ratio	Lower	Upper
330	100		
332	112.0	76.2	114.4
141	53.6	39.0	58.4

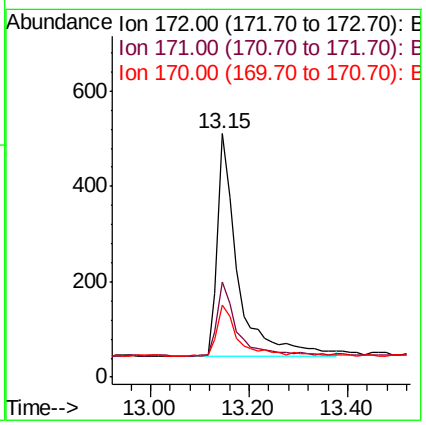


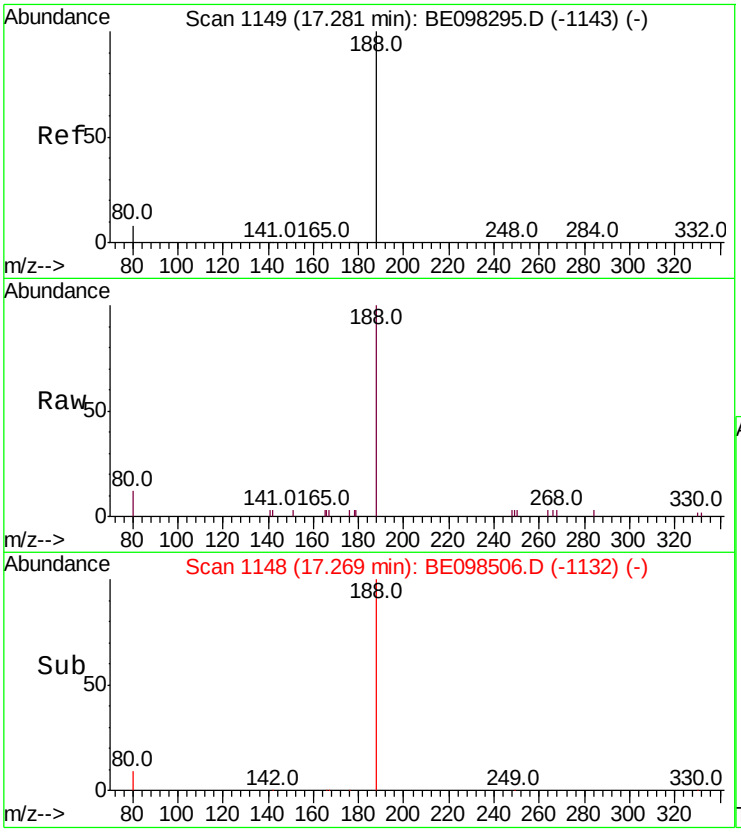


#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Tgt Ion:172 Resp: 1333

Ion	Ratio	Lower	Upper
172	100		
171	39.1	27.5	41.3
170	29.5	19.6	29.4#



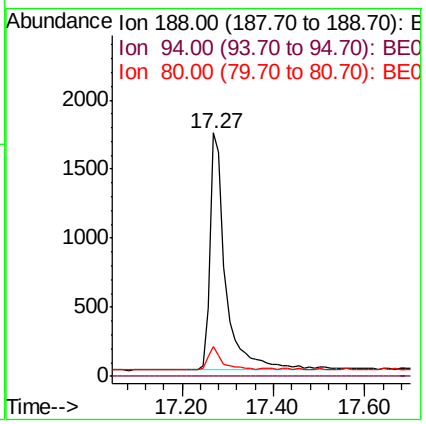


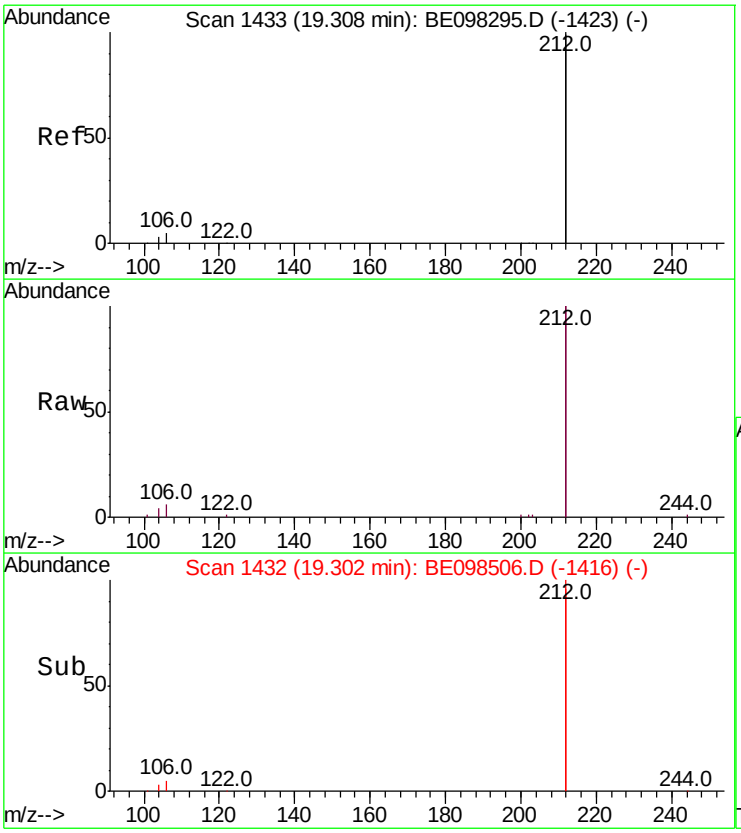
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Instrument :
BNA_E
ClientSampleId :
DUP03-20181210DL

Tgt Ion:188 Resp: 4184

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	7.2	10.8#

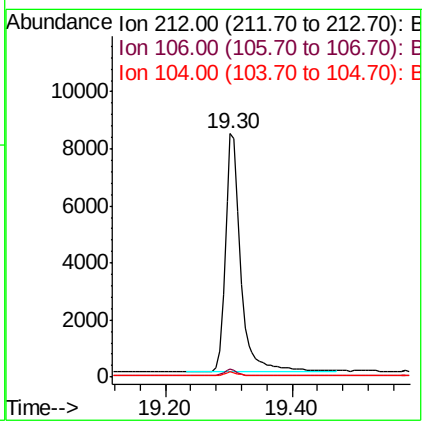


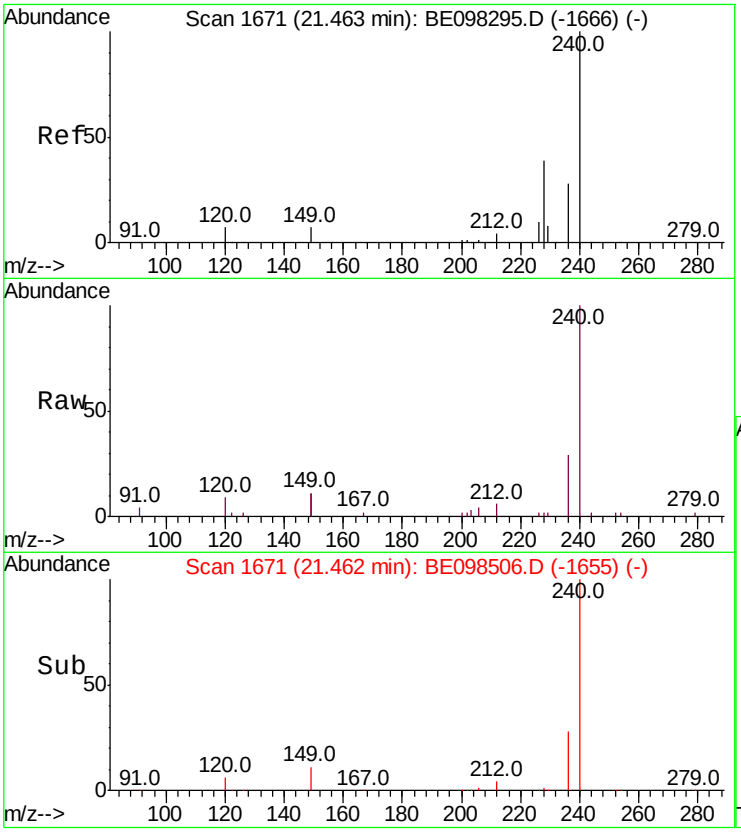


#25
Fluoranthene-d10
Concen: 0.265 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Tgt Ion:212 Resp: 14242

Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.3	1.3	1.9



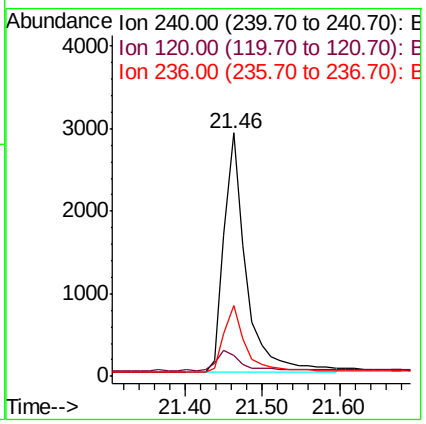


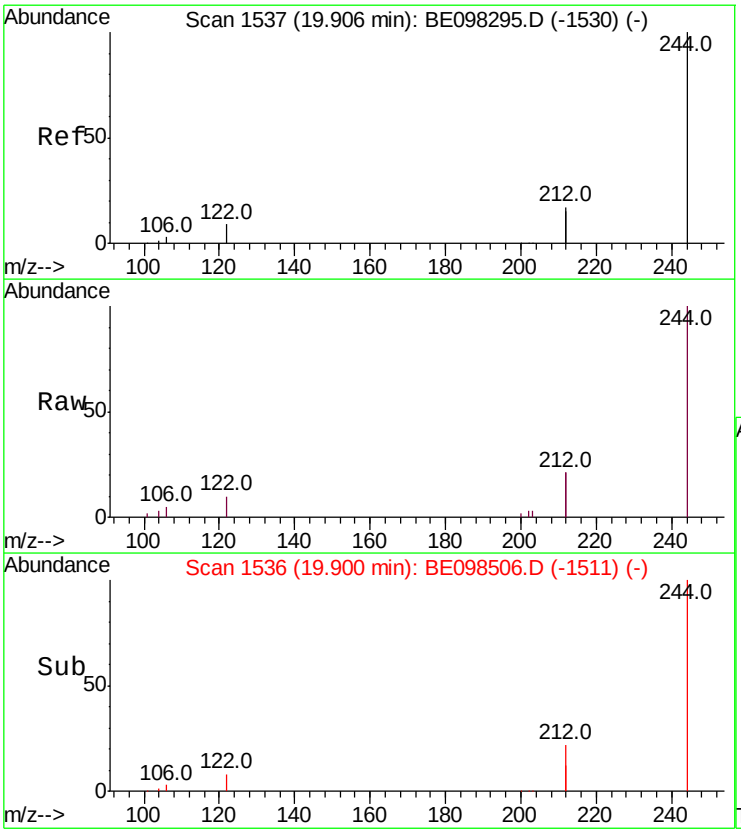
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Instrument :
BNA_E
ClientSampleId :
DUP03-20181210DL

Tgt Ion:240 Resp: 5792

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	29.0	22.7	34.1

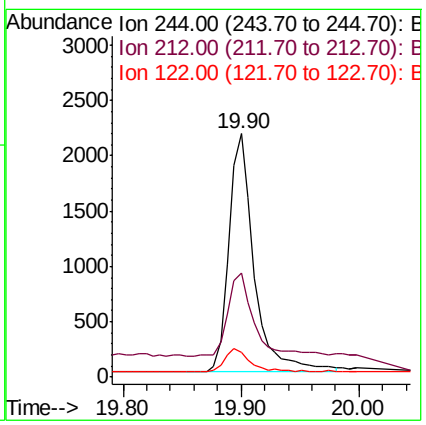


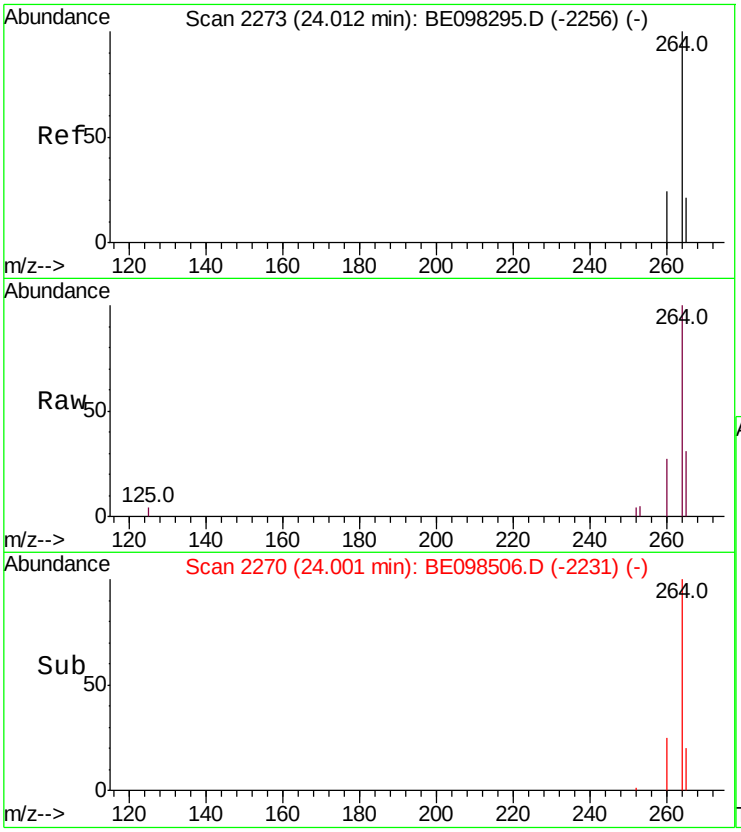


#29
Terphenyl-d14
Concen: 0.227 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Tgt Ion:244 Resp: 3196

Ion	Ratio	Lower	Upper
244	100		
212	42.8	27.4	41.0#
122	10.4	8.3	12.5





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098506.D
Acq: 16 Dec 2018 14:30

Instrument :
BNA_E
ClientSampleId :
DUP03-20181210DL

Tgt Ion:264 Resp: 5522

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.2	30.2
265	30.8	25.2	37.8