Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
Data File : BE098602.D
Acq On : 2 Jan 2019 10:59
Operator : SJ/JU
Sample : PB116071BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB116071BL

Quant Time: Jan 02 11:37:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	822	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	3238	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2011	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	4903	0.40	ng	0.01
27) Chrysene-d12	21.41	240	6198	0.40	ng	0.01
34) Perylene-d12	23.92	264	6288	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	873	0.45	ng	0.02
5) Phenol-d6	7.01	99	978	0.36	ng	0.02
8) Nitrobenzene-d5	8.99	82	896	0.30	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1791	0.34	ng	0.02
14) 2,4,6-Tribromophenol	15.99	330	273	0.37	ng	0.02
15) 2-Fluorobiphenyl	13.10	172	2523	0.30	ng	0.02
25) Fluoranthene-d10	19.26	212	23202	0.37	ng	0.01
29) Terphenyl-d14	19.86	244	4902	0.33	ng	0.01
Target Compounds						Qvalue

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

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QLast Update : Wed Jan 02 10:30:27 2019
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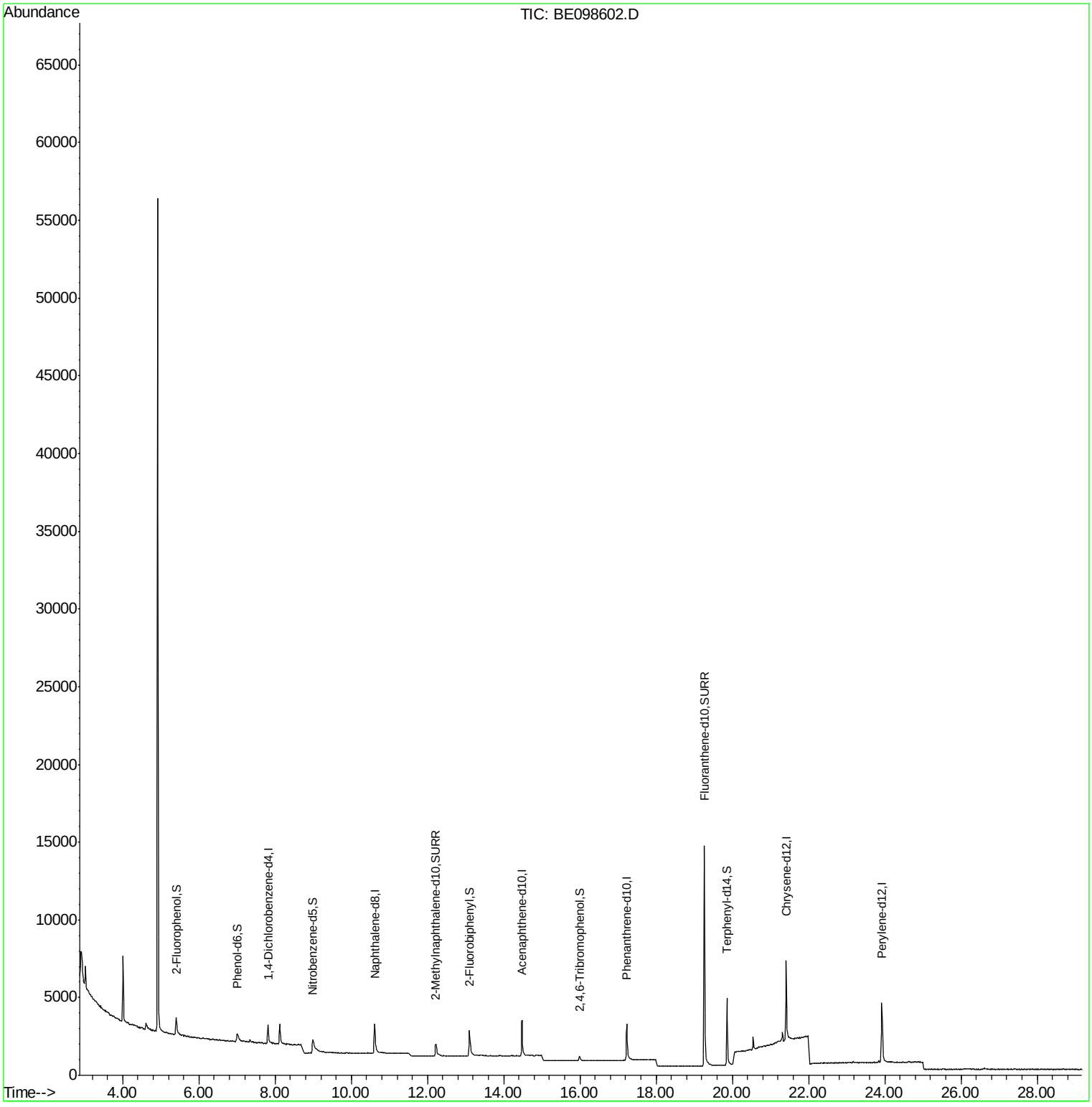
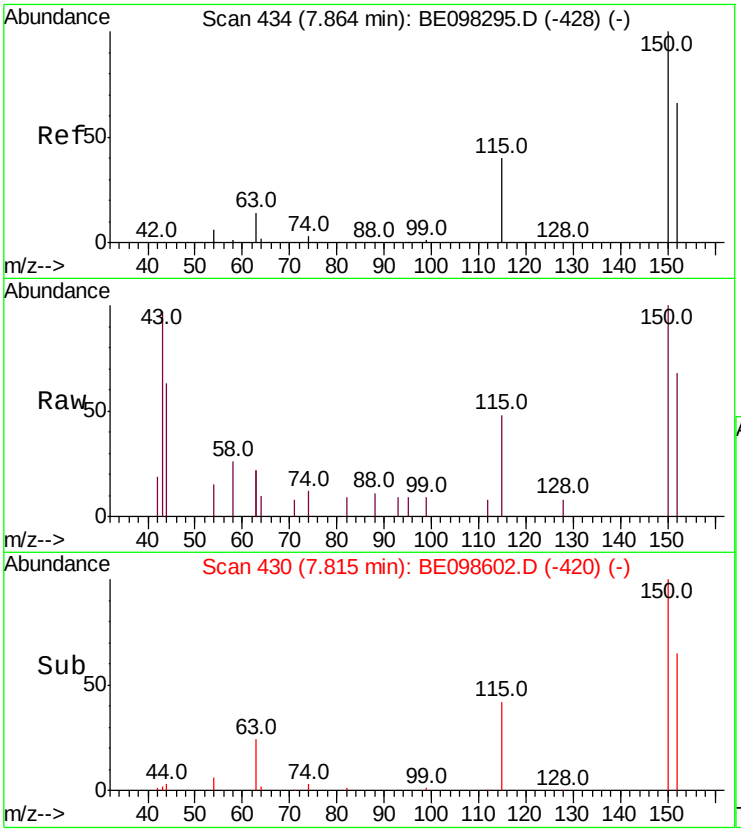


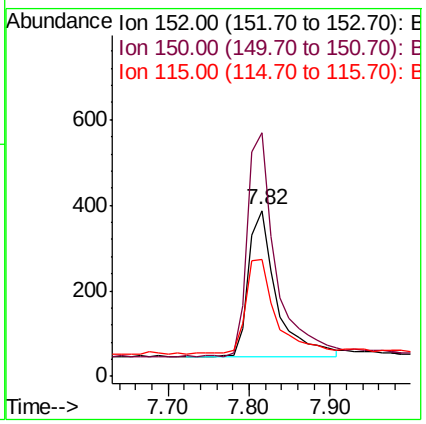


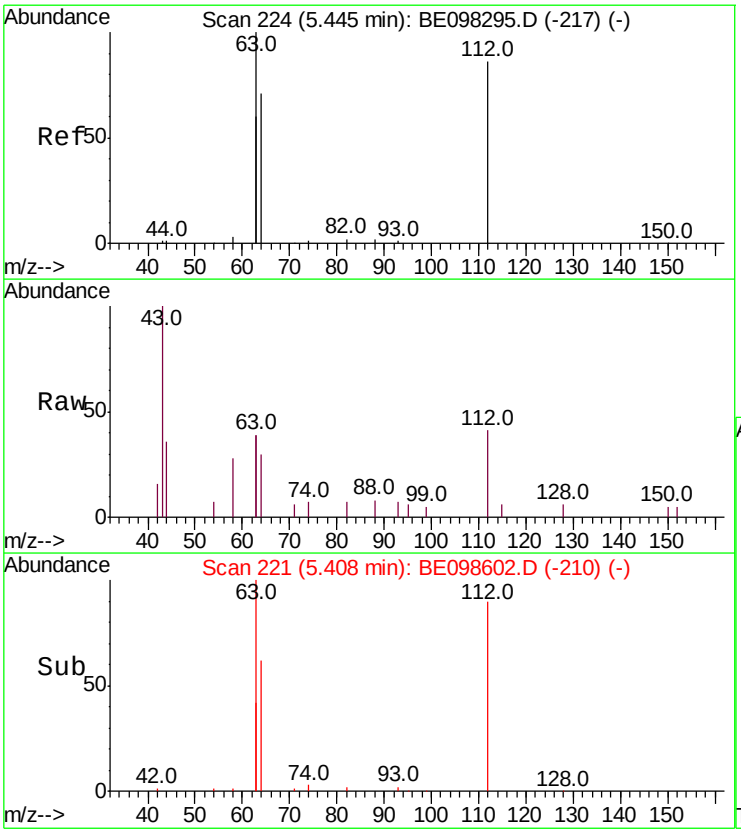
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.01 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB116071BL

Tgt Ion:152 Resp: 822

Ion	Ratio	Lower	Upper
152	100		
150	146.6	124.2	186.4
115	70.4	53.9	80.9

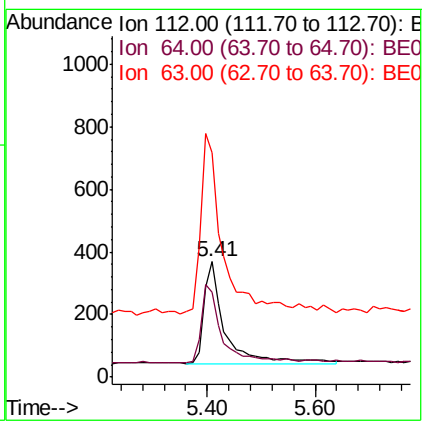


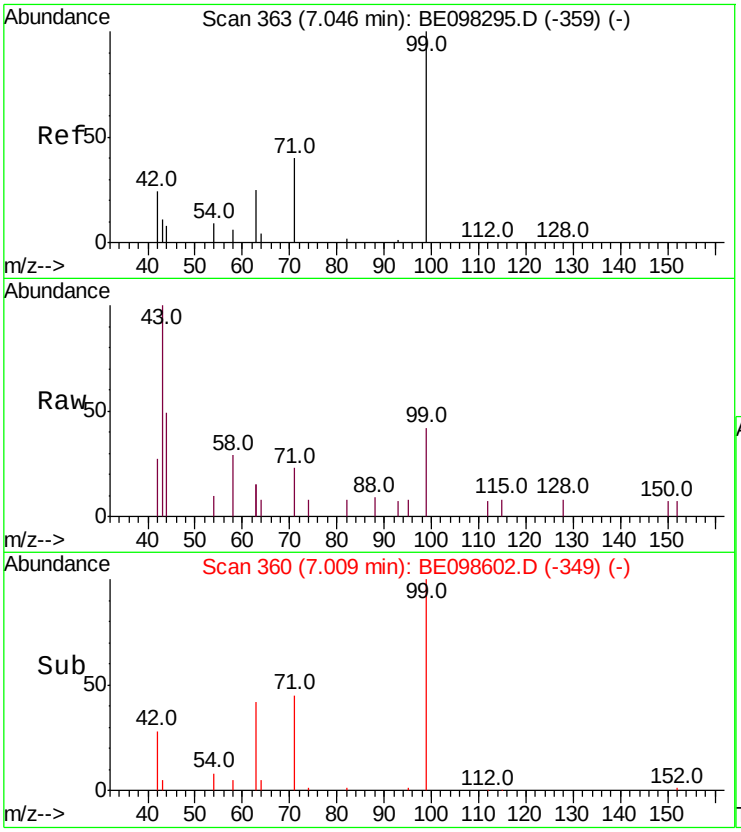


#4
2-Fluorophenol
Concen: 0.454 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.02 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Tgt Ion:112 Resp: 873

Ion	Ratio	Lower	Upper
112	100		
64	75.0	59.8	89.8
63	181.1	133.7	200.5



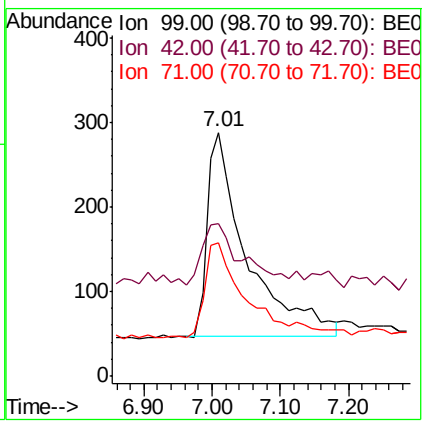


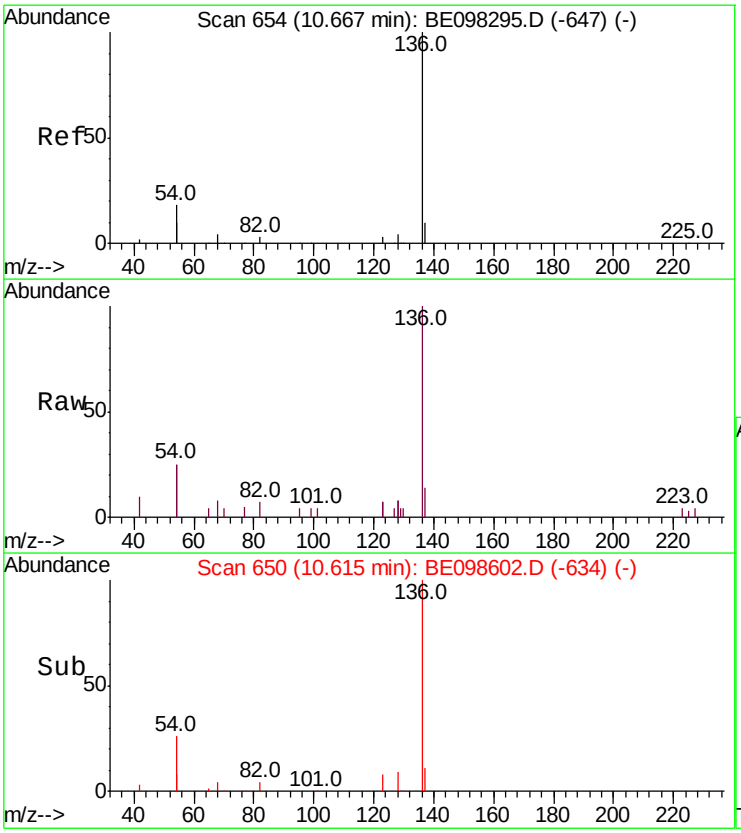
#5
Phenol-d6
Concen: 0.359 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.02 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB116071BL

Tgt Ion: 99 Resp: 978

Ion	Ratio	Lower	Upper
99	100		
42	30.8	26.3	39.5
71	50.0	33.6	50.4

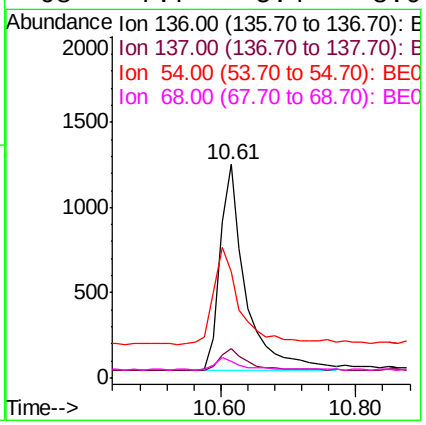


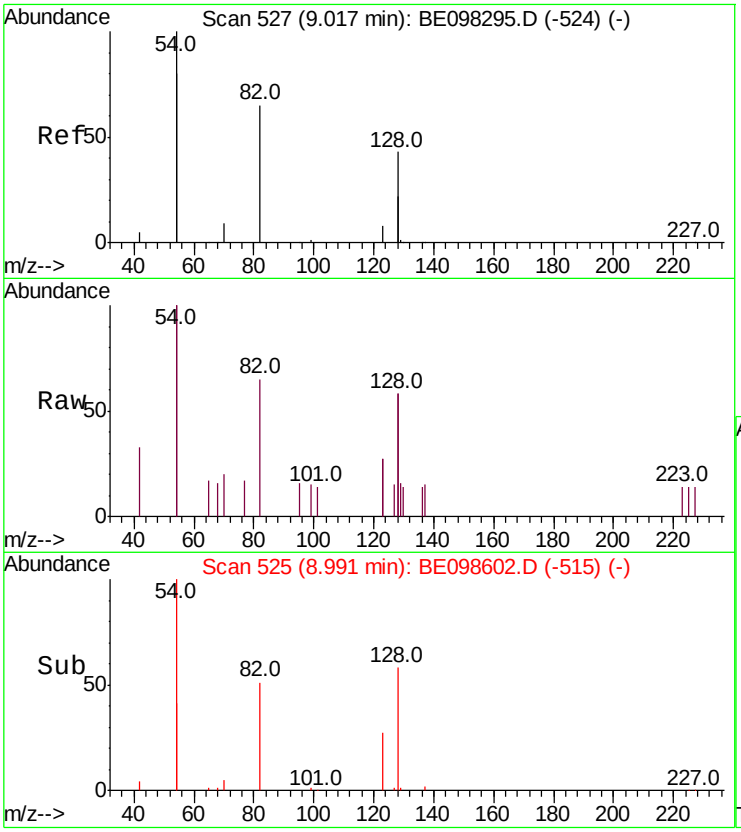


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Tgt Ion:136 Resp: 3238

Ion	Ratio	Lower	Upper
136	100		
137	13.8	9.2	13.8#
54	50.0	28.4	42.6#
68	7.7	5.4	8.0



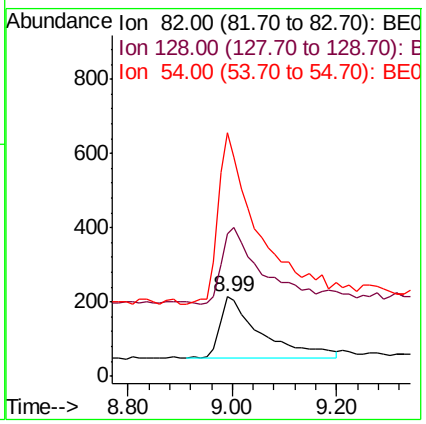


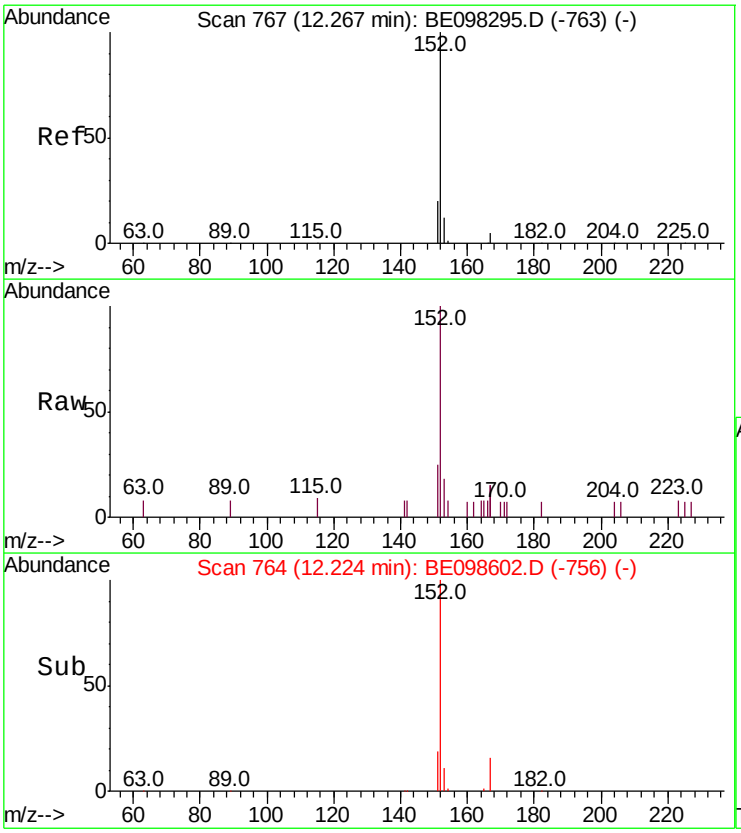
#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.03 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB116071BL

Tgt Ion: 82 Resp: 896

Ion	Ratio	Lower	Upper
82	100		
128	178.5	102.4	153.6#
54	306.5	221.8	332.8

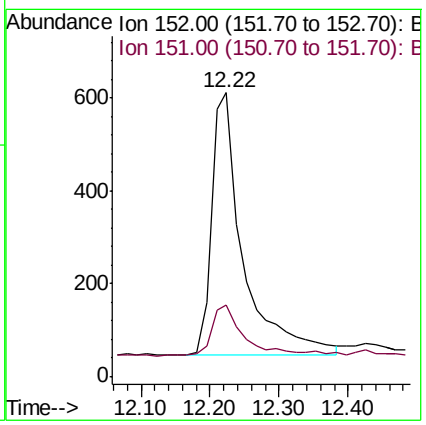


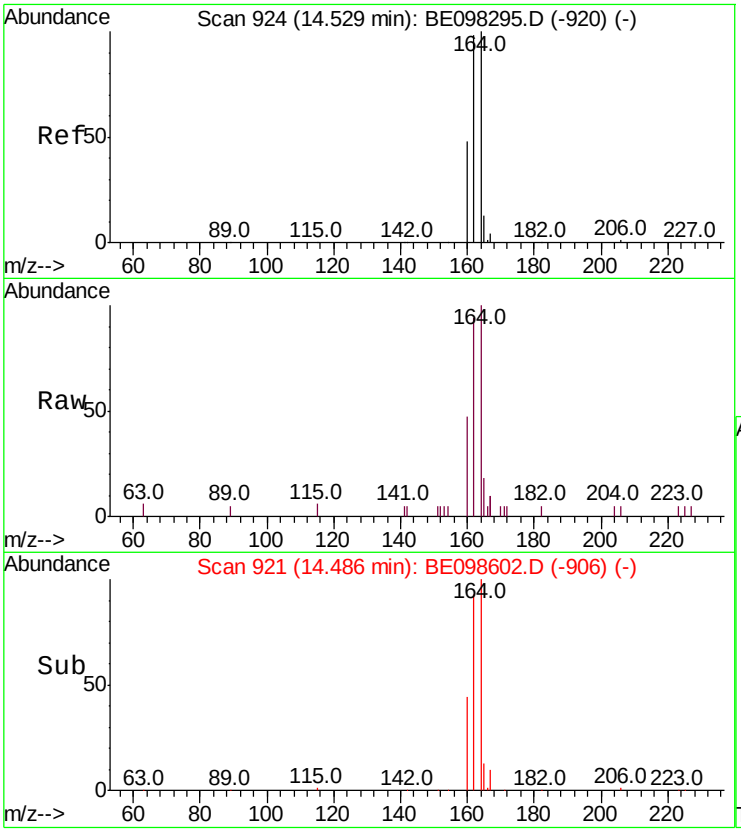


#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.02 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Tgt Ion:152 Resp: 1791

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4



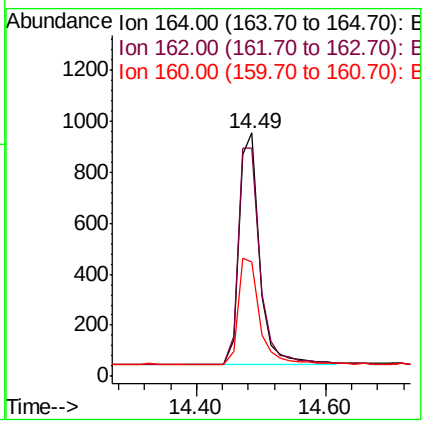


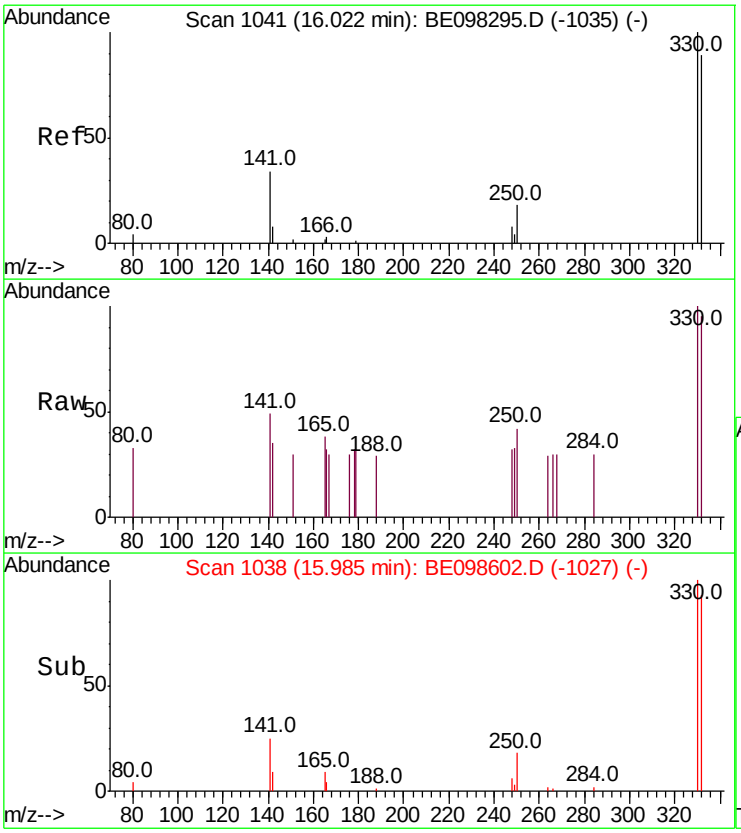
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.02 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB116071BL

Tgt Ion:164 Resp: 2011

Ion	Ratio	Lower	Upper
164	100		
162	93.8	77.6	116.4
160	47.0	36.0	54.0

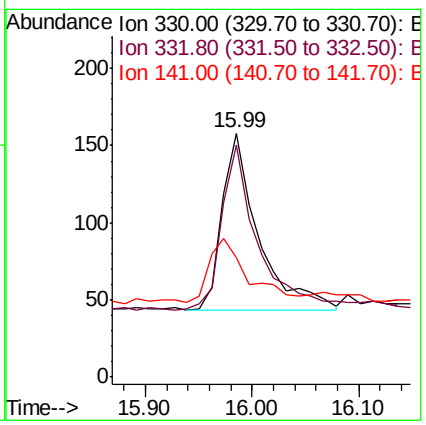


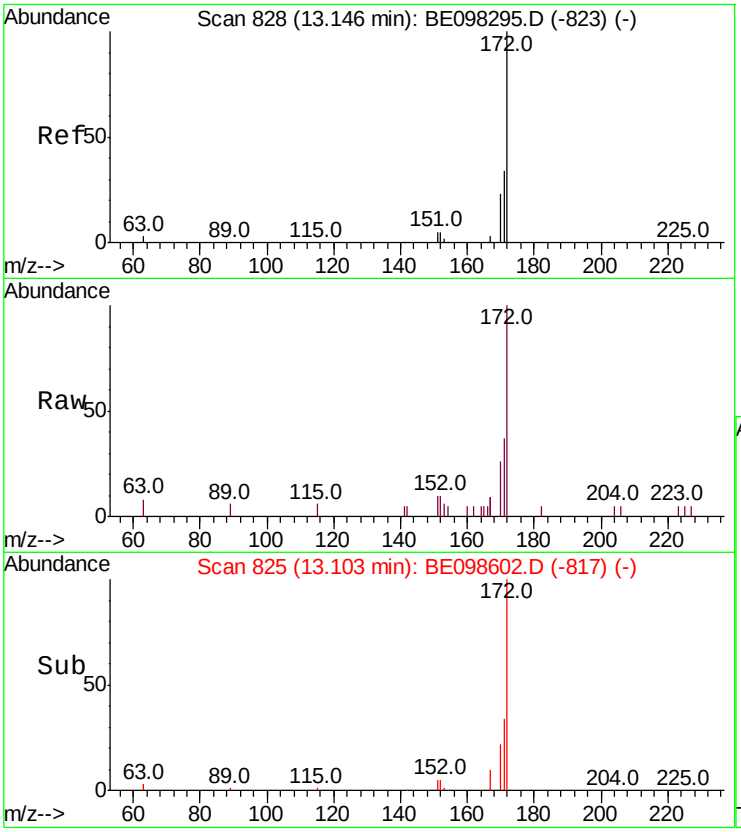


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.99 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Tgt Ion:330 Resp: 273

Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.2	114.4
141	39.2	39.0	58.4



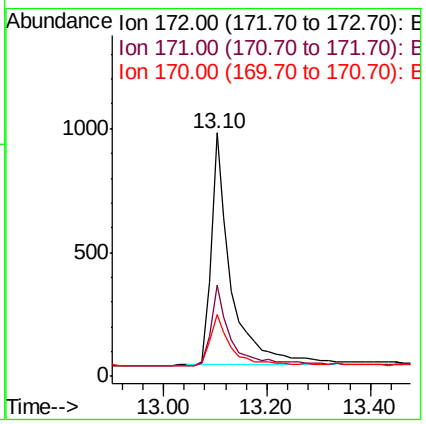


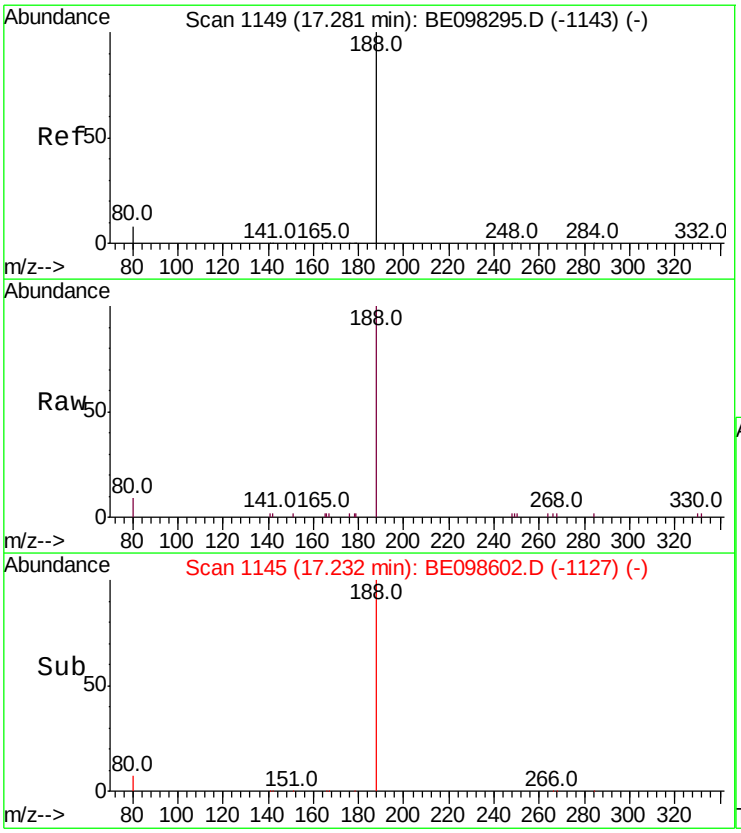
#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.02 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB116071BL

Tgt Ion:172 Resp: 2523

Ion	Ratio	Lower	Upper
172	100		
171	37.4	27.5	41.3
170	25.5	19.6	29.4

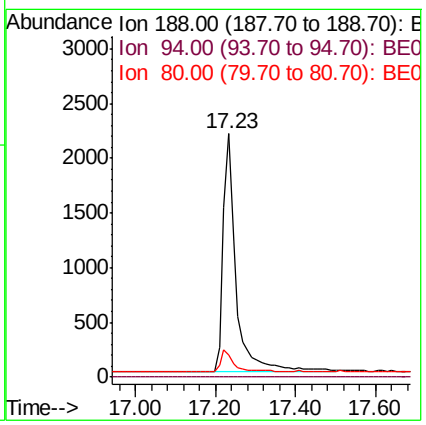


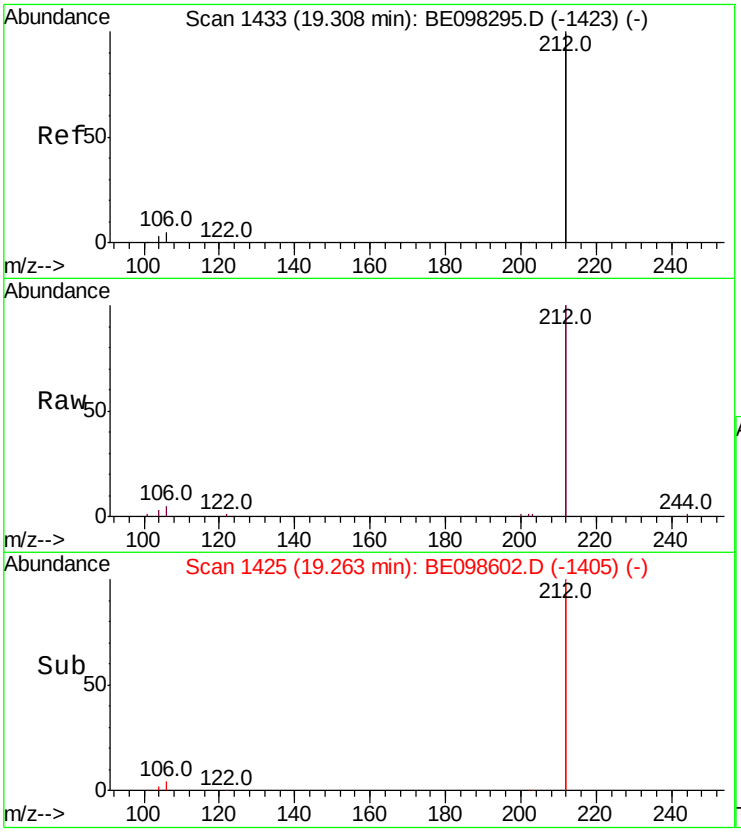


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Tgt Ion:188 Resp: 4903

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.2	10.8



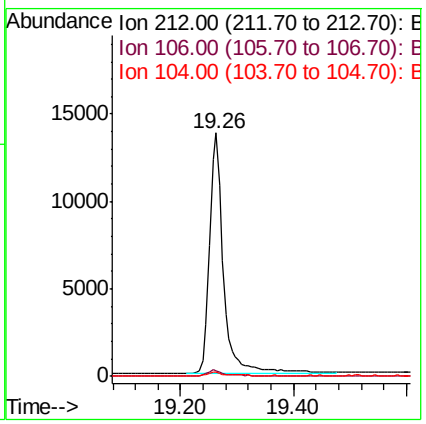


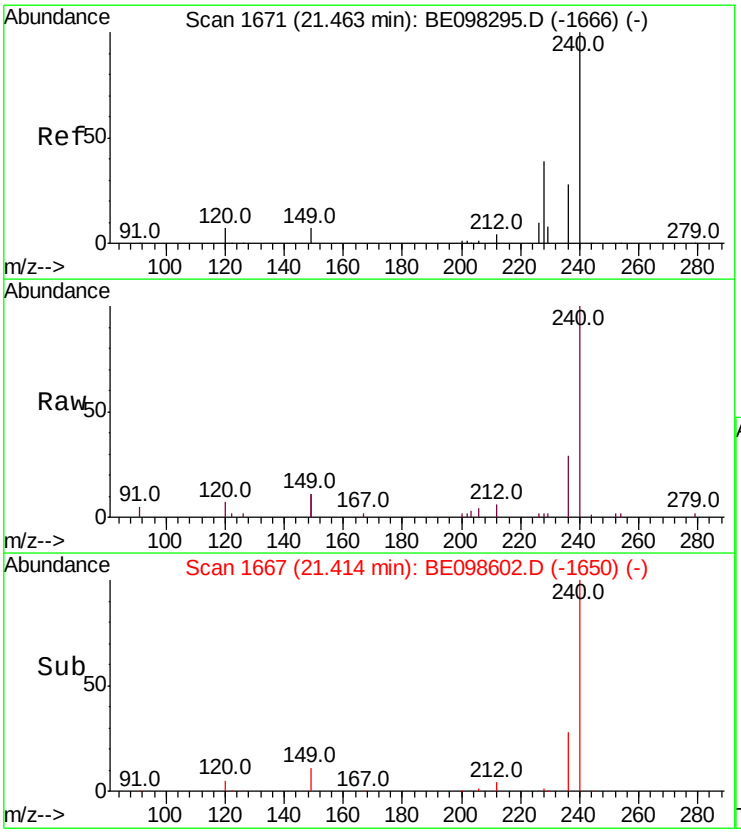
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.26 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB116071BL

Tgt Ion:212 Resp: 23202

Ion	Ratio	Lower	Upper
212	100		
106	2.2	2.2	3.2#
104	1.2	1.3	1.9#

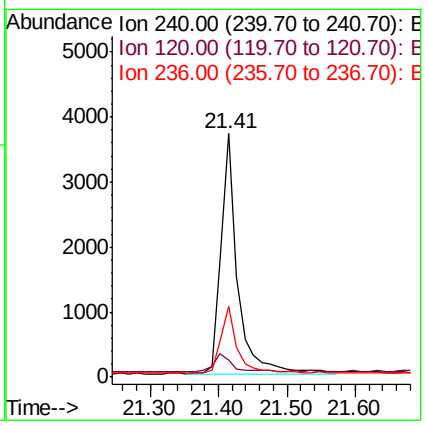


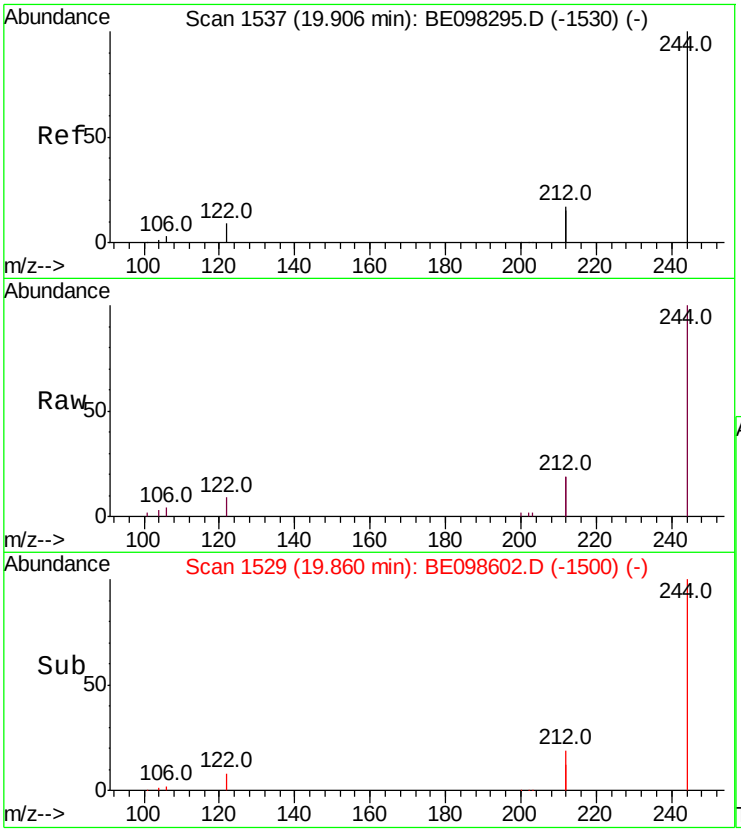


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Tgt Ion:240 Resp: 6198

Ion	Ratio	Lower	Upper
240	100		
120	7.0	9.5	14.3#
236	29.2	22.7	34.1



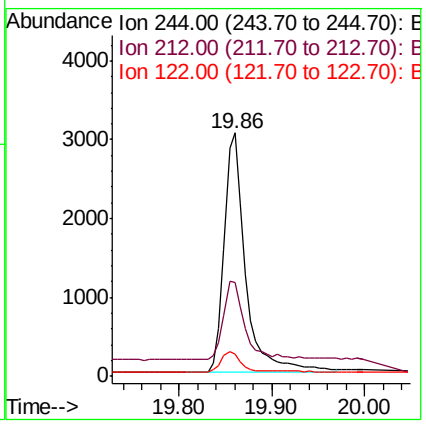


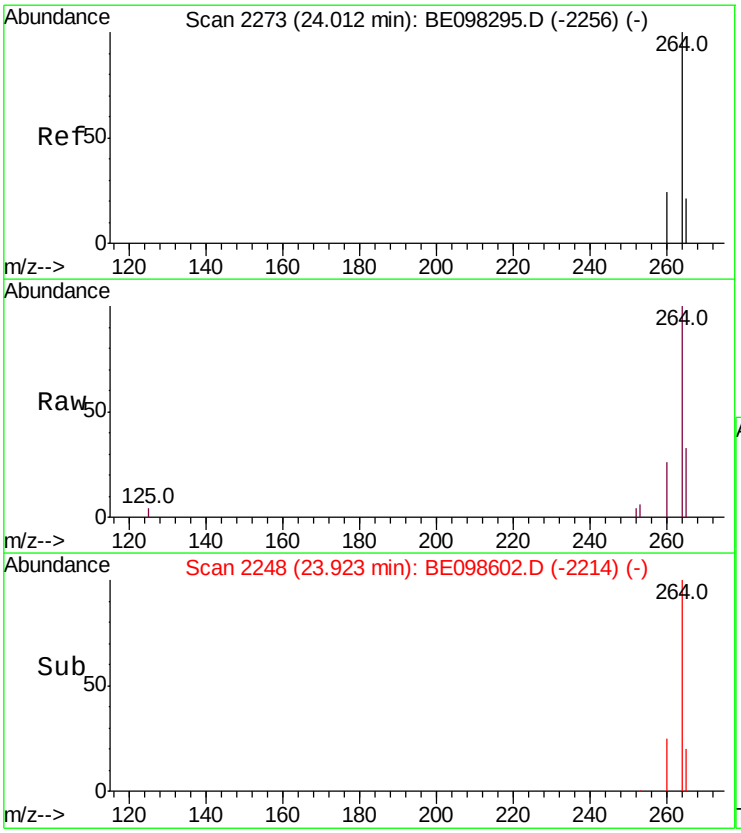
#29
Terphenyl-d14
Concen: 0.325 ng
RT: 19.86 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB116071BL

Tgt Ion:244 Resp: 4902

Ion	Ratio	Lower	Upper
244	100		
212	38.3	27.4	41.0
122	9.0	8.3	12.5





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2248
Delta R.T. -0.03 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Tgt Ion:264 Resp: 6288

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	32.6	25.2	37.8