Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
Data File : BE098441.D
Acq On : 14 Dec 2018 18:26
Operator : SJ/JU
Sample : PB115586BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB115586BL

Quant Time: Dec 14 23:45:03 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	770	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3065	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1963	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	5411	0.40	ng	0.00
27) Chrysene-d12	21.46	240	6479	0.40	ng	0.00
34) Perylene-d12	24.00	264	6329	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	766	0.43	ng	0.00
5) Phenol-d6	7.06	99	867	0.34	ng	0.00
8) Nitrobenzene-d5	9.07	82	684	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	12.28	152	1541	0.31	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	263	0.36	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2288	0.28	ng	0.01
25) Fluoranthene-d10	19.30	212	24184	0.35	ng	0.00
29) Terphenyl-d14	19.90	244	3715	0.24	ng	0.00
Target Compounds						Qvalue

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

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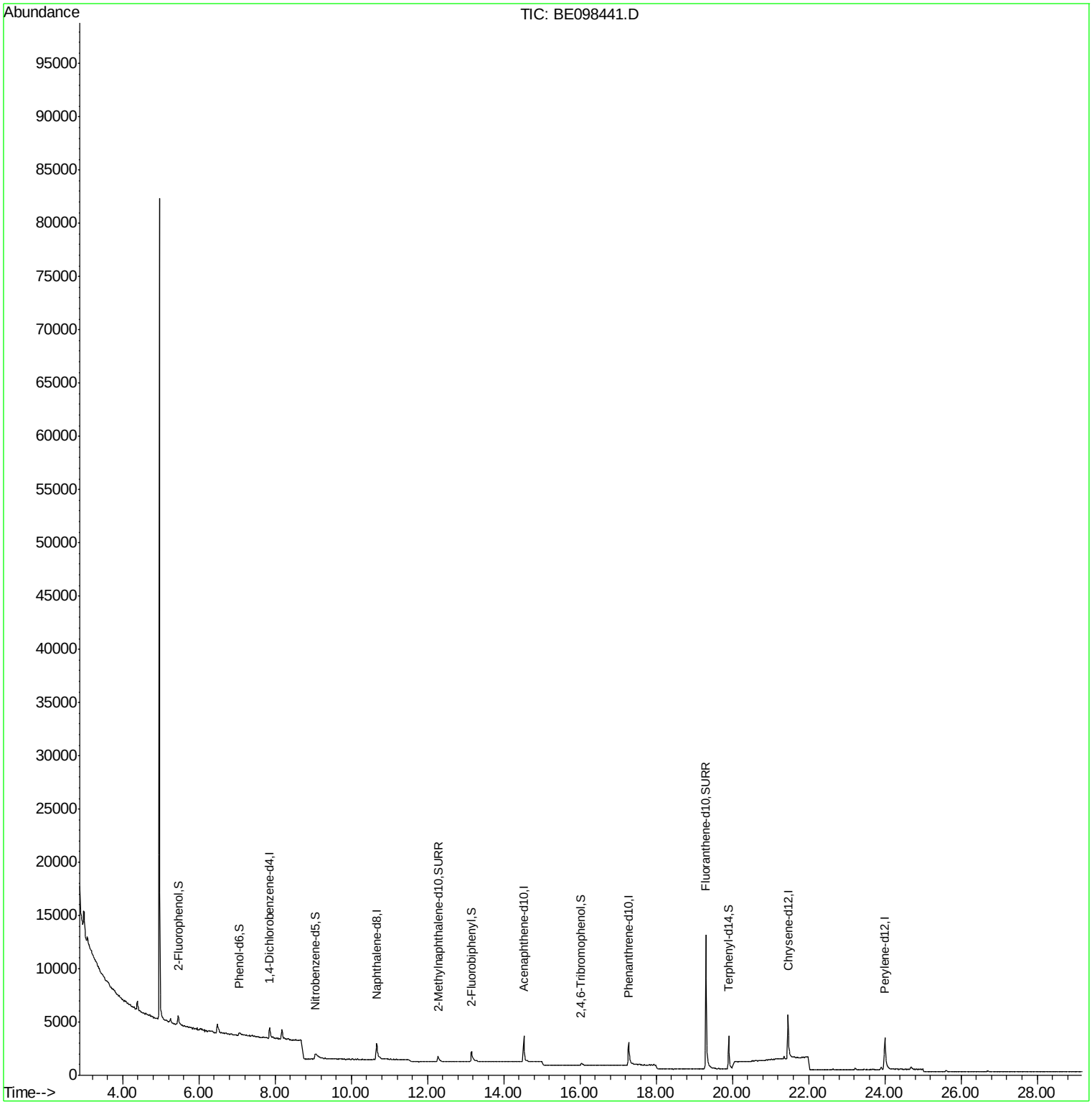
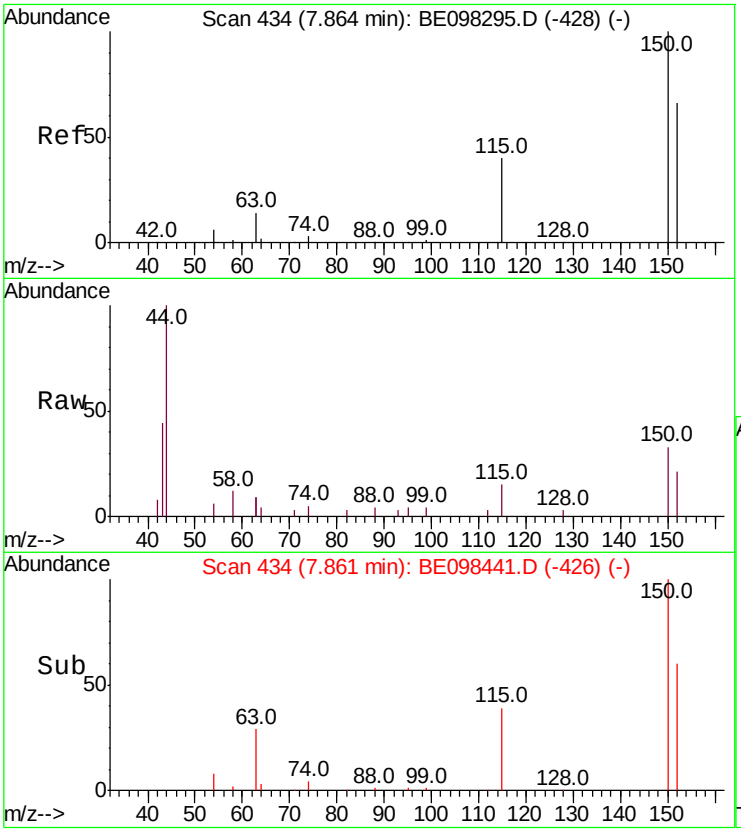


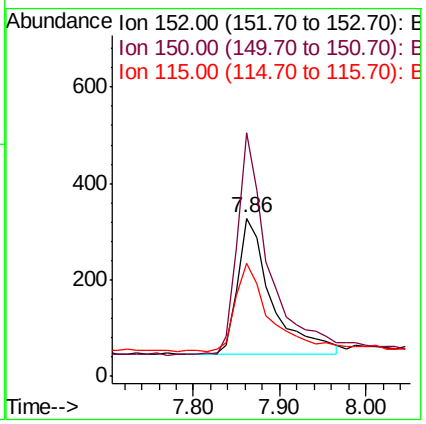


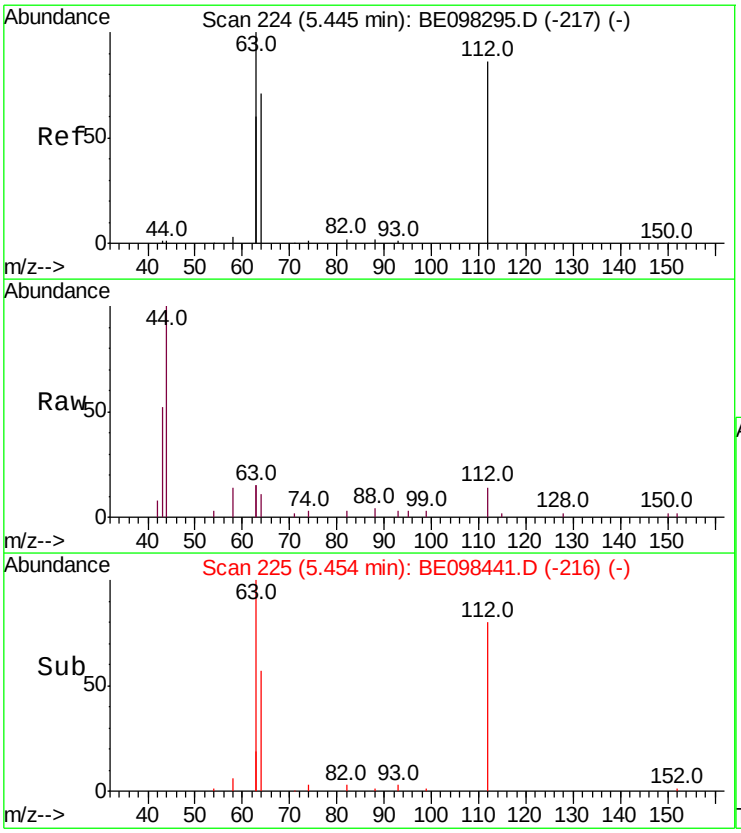
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Instrument :
BNA_E
ClientSampleId :
PB115586BL

Tgt Ion:152 Resp: 770

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.2	186.4
115	71.3	53.9	80.9

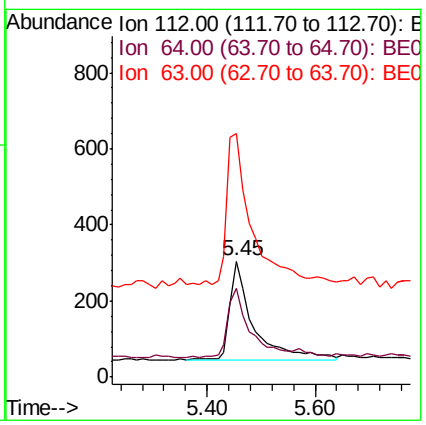


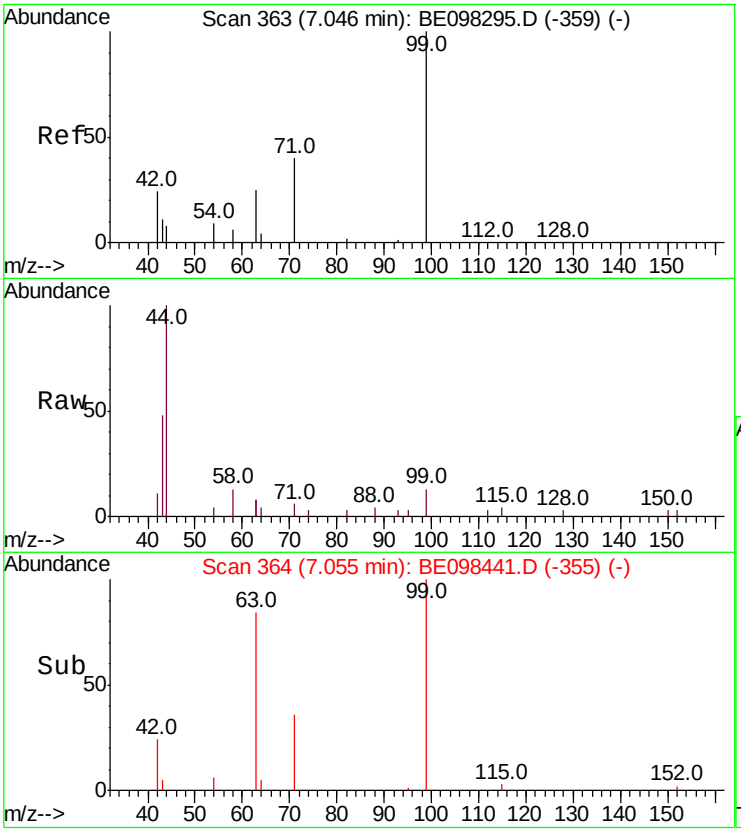


#4
2-Fluorophenol
Concen: 0.425 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Tgt Ion:112 Resp: 766

Ion	Ratio	Lower	Upper
112	100		
64	66.1	59.8	89.8
63	169.2	133.7	200.5



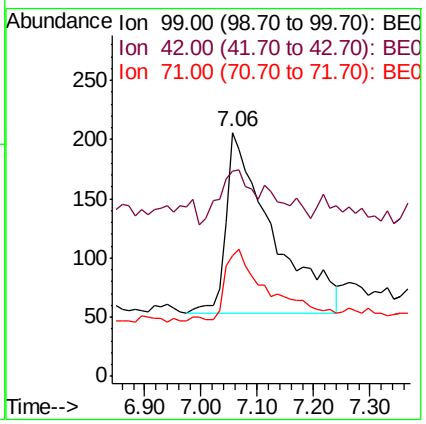


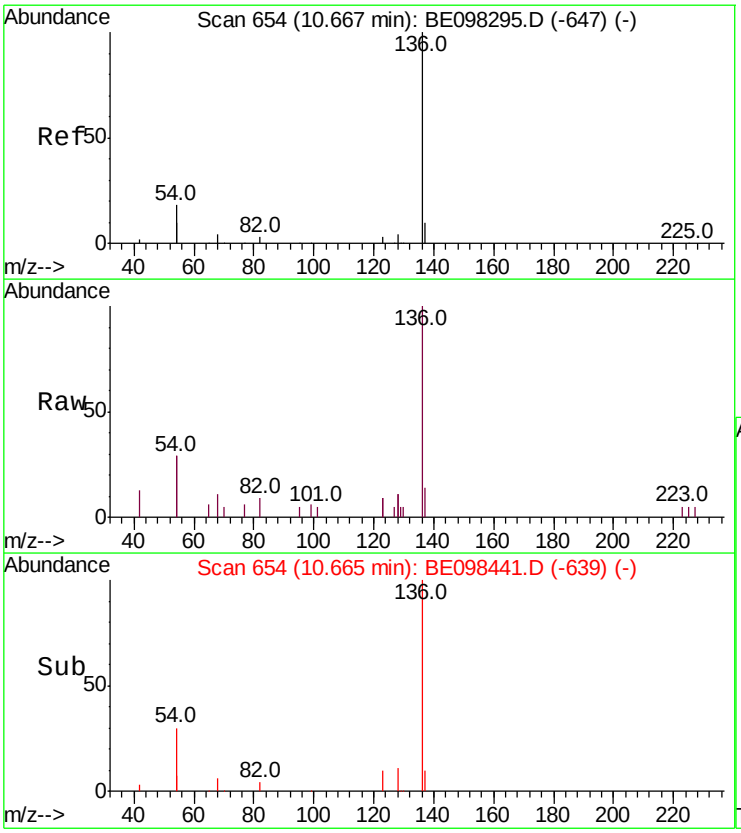
#5
Phenol-d6
Concen: 0.340 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Instrument :
BNA_E
ClientSampleId :
PB115586BL

Tgt Ion: 99 Resp: 867

Ion	Ratio	Lower	Upper
99	100		
42	21.0	26.3	39.5#
71	36.7	33.6	50.4

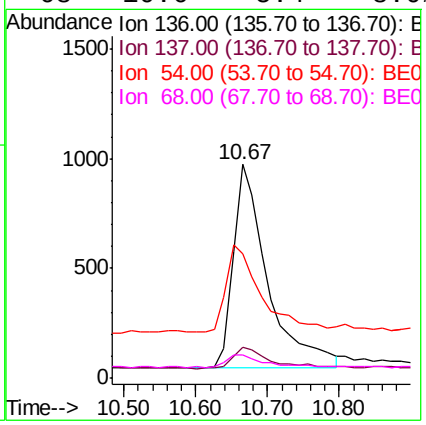


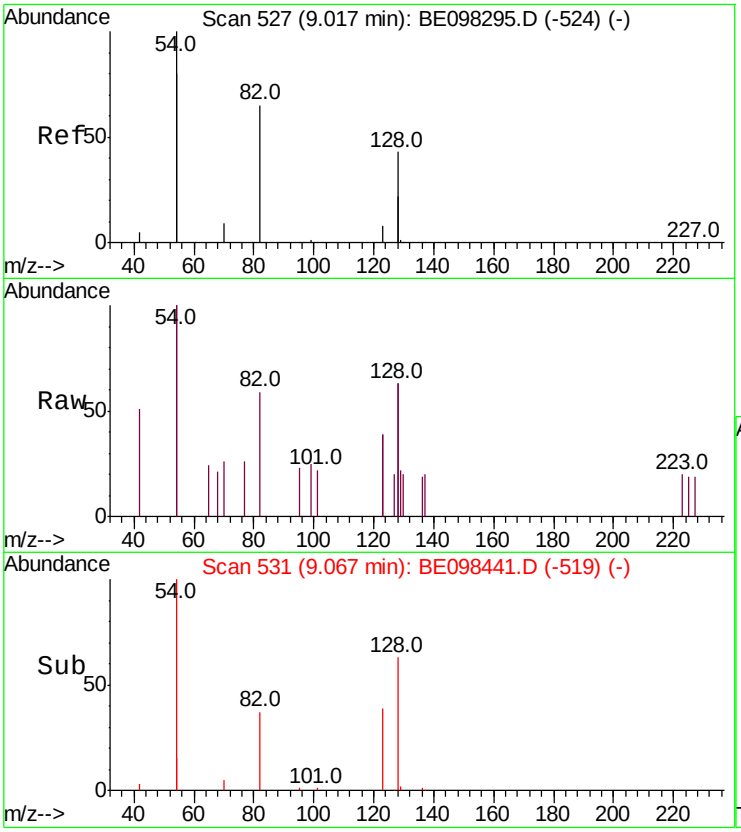


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Tgt Ion:136 Resp: 3065

Ion	Ratio	Lower	Upper
136	100		
137	14.4	9.2	13.8#
54	58.1	28.4	42.6#
68	10.6	5.4	8.0#



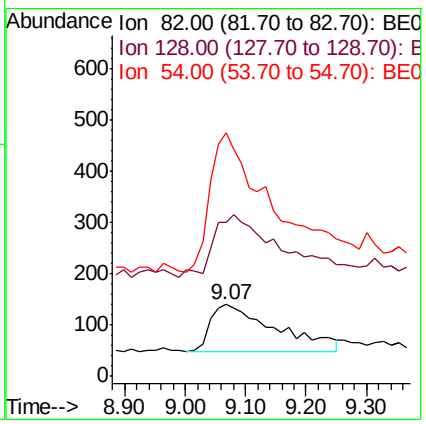


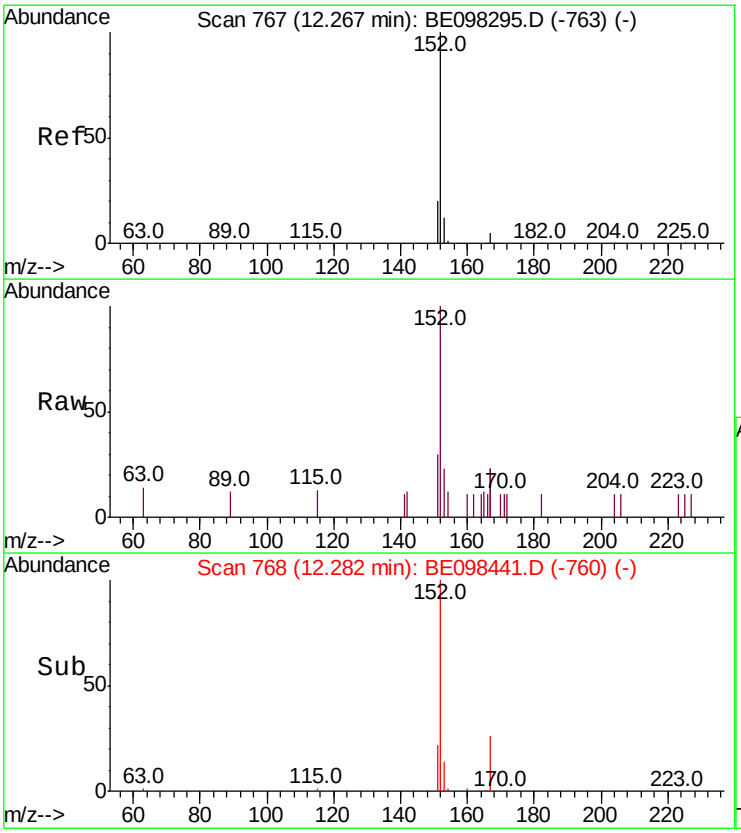
#8
Nitrobenzene-d5
Concen: 0.245 ng
RT: 9.07 min Scan# 531
Delta R.T. 0.05 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Instrument :
BNA_E
ClientSampleId :
PB115586BL

Tgt Ion: 82 Resp: 684

Ion	Ratio	Lower	Upper
82	100		
128	214.3	102.4	153.6#
54	338.6	221.8	332.8#

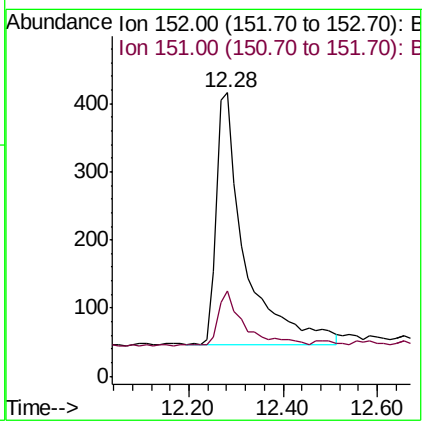


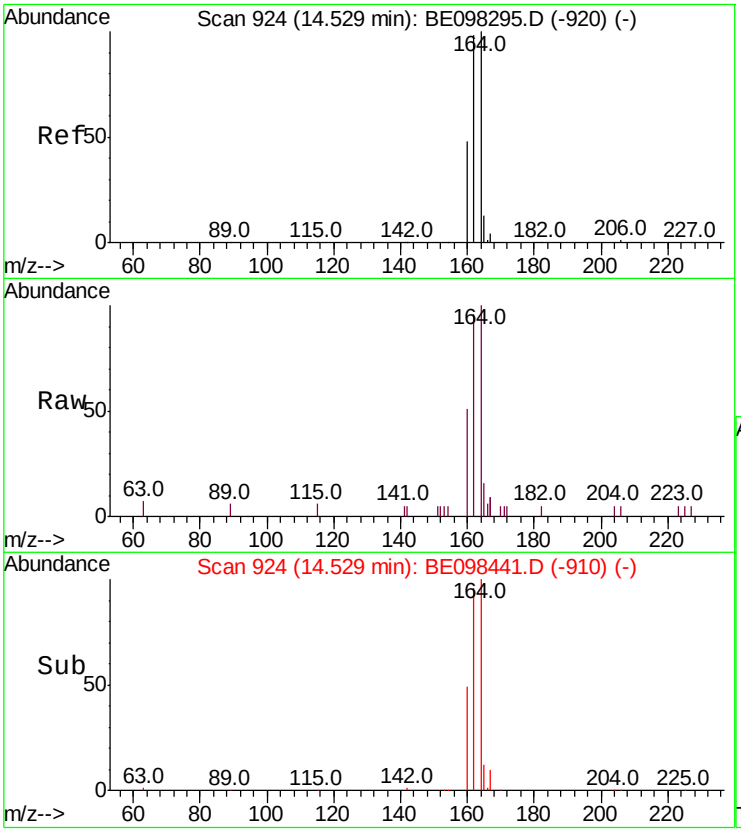


#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Tgt Ion:152 Resp: 1541

Ion	Ratio	Lower	Upper
152	100		
151	17.8	16.2	24.4



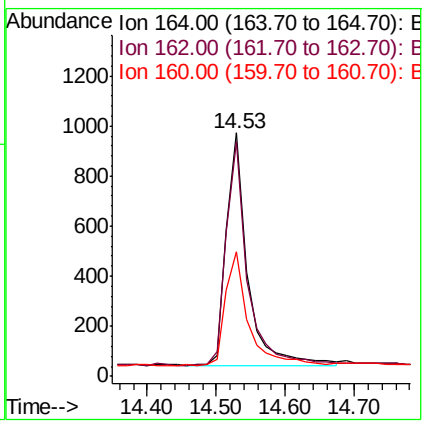


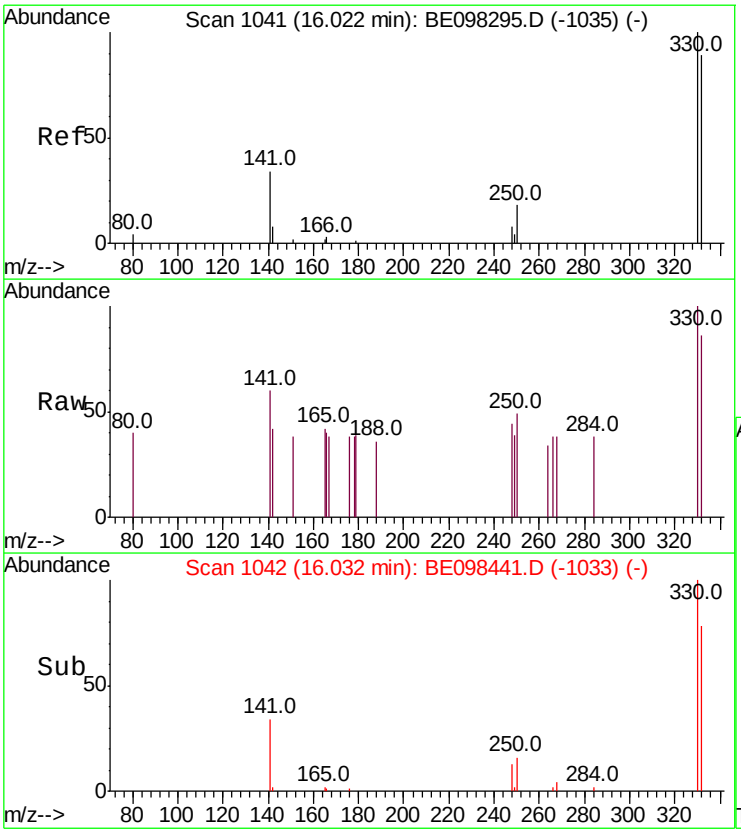
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Instrument :
BNA_E
ClientSampleId :
PB115586BL

Tgt Ion:164 Resp: 1963

Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.6	116.4
160	51.4	36.0	54.0

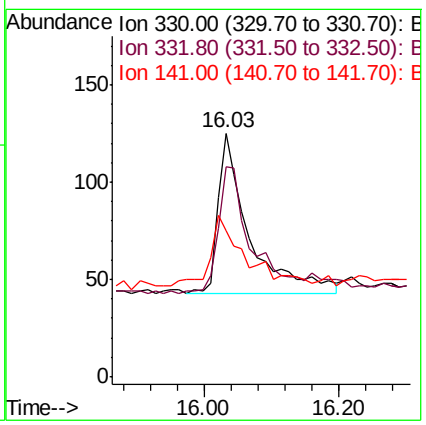


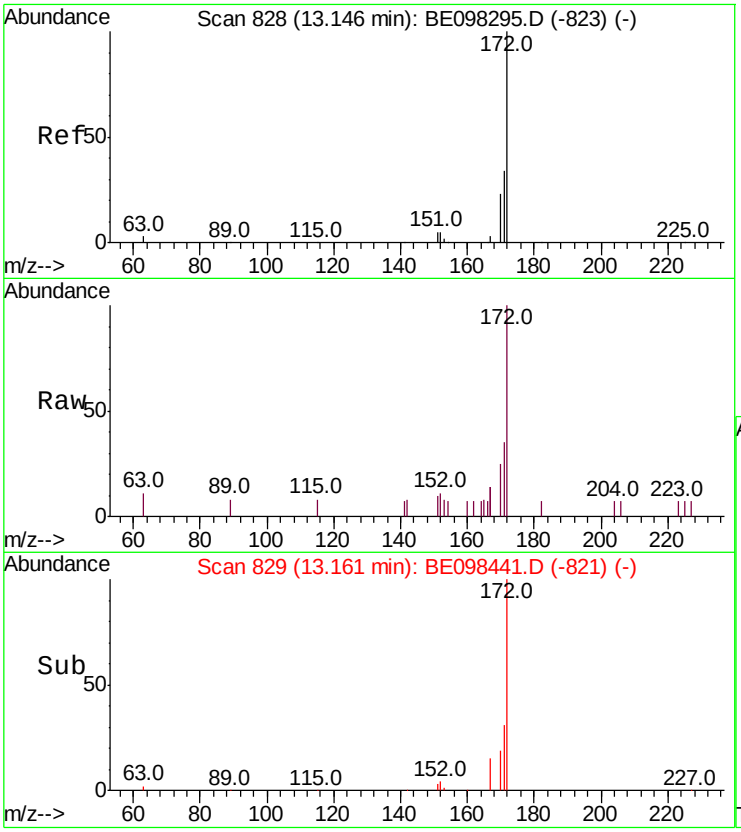


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Tgt Ion:330 Resp: 263

Ion	Ratio	Lower	Upper
330	100		
332	84.4	76.2	114.4
141	47.9	39.0	58.4



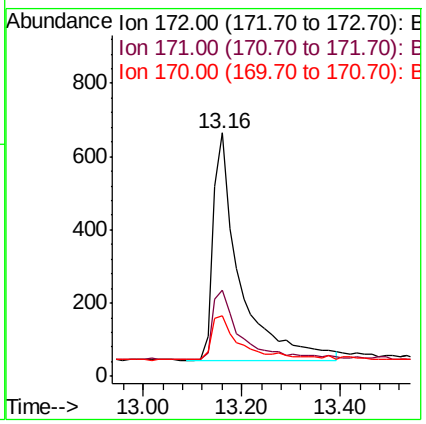


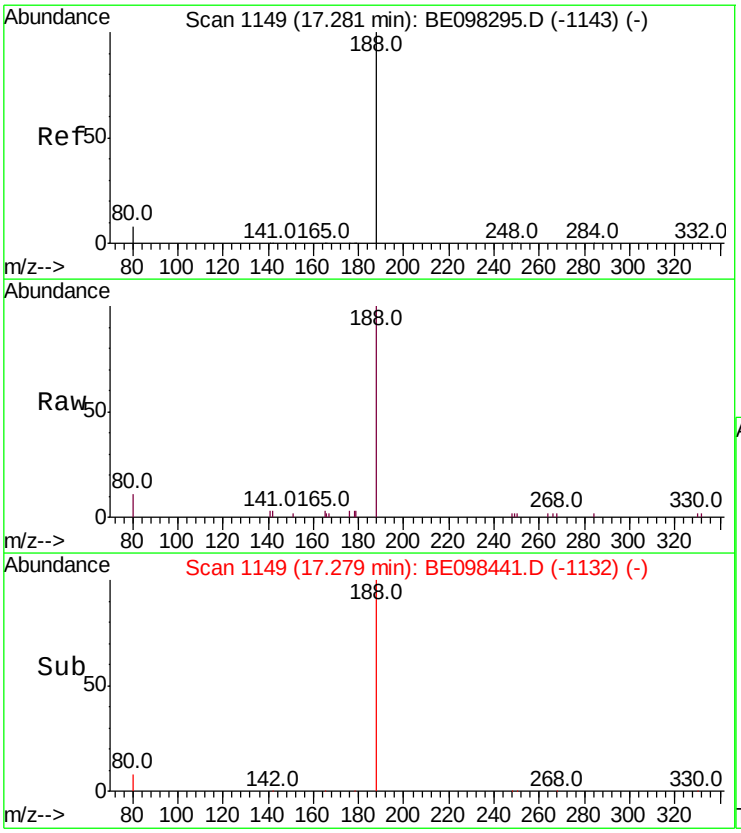
#15
2-Fluorobiphenyl
Concen: 0.276 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Instrument :
BNA_E
ClientSampleId :
PB115586BL

Tgt Ion:172 Resp: 2288

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.5	41.3
170	25.1	19.6	29.4

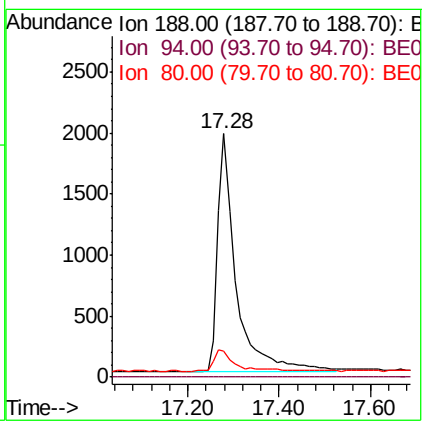


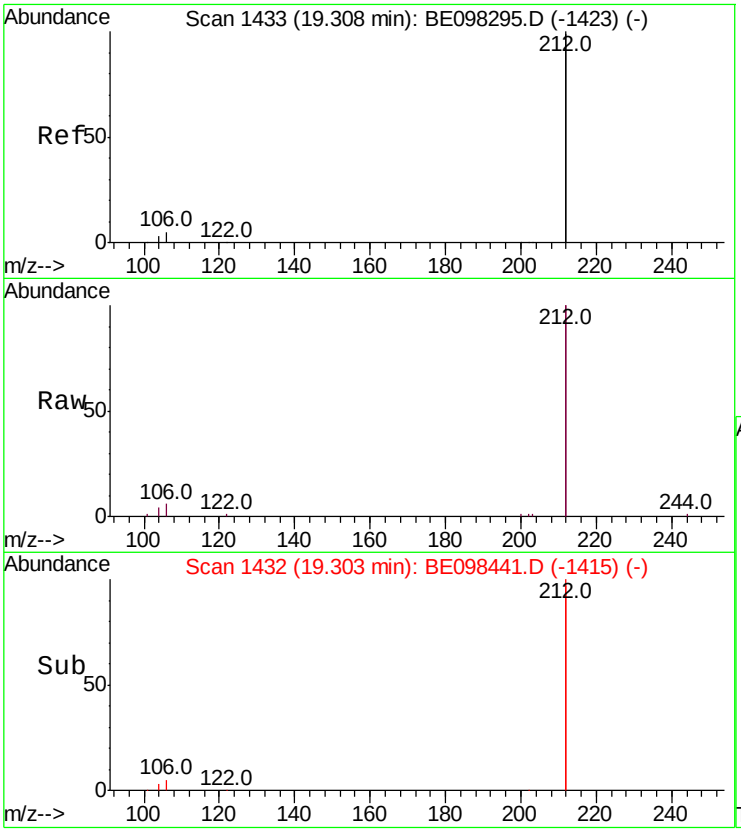


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Tgt Ion:188 Resp: 5411

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	7.2	10.8



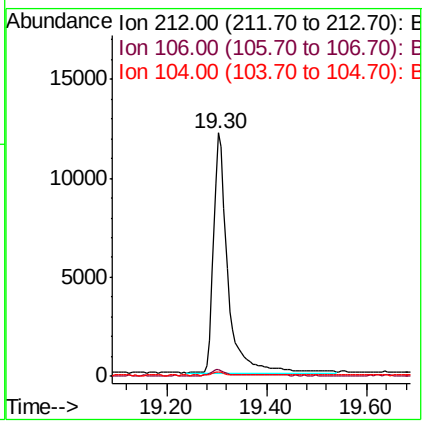


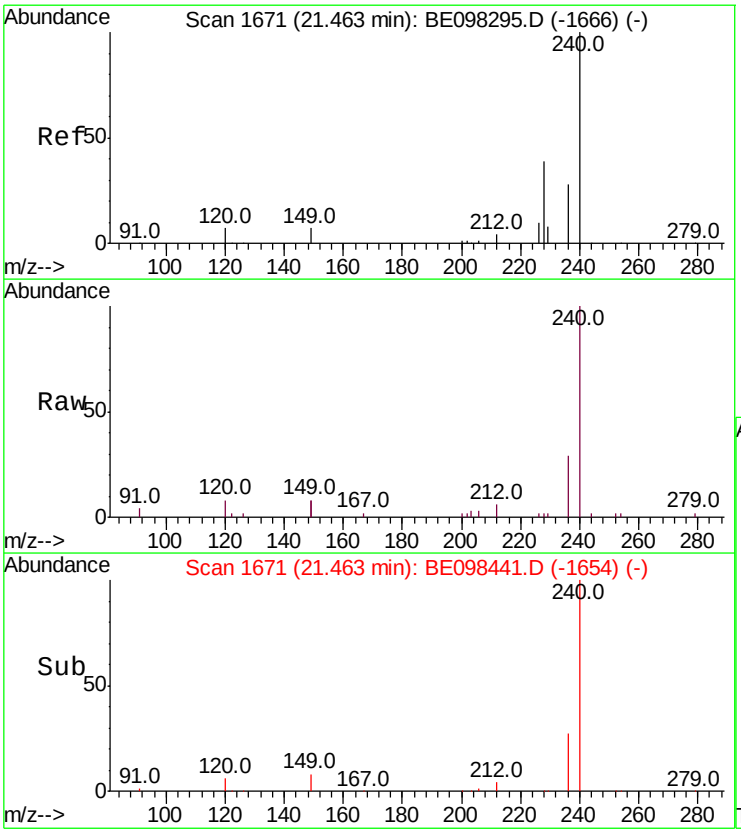
#25
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Instrument : BNA_E
ClientSampleId : PB115586BL

Tgt Ion:212 Resp: 24184

Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.4	1.3	1.9

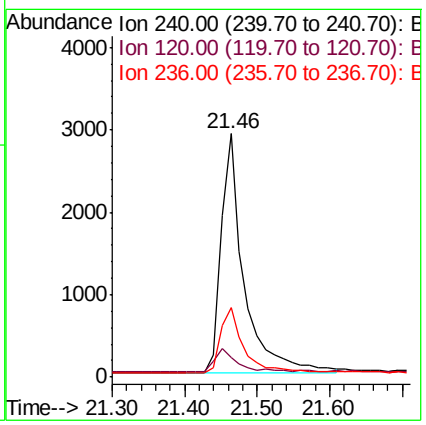


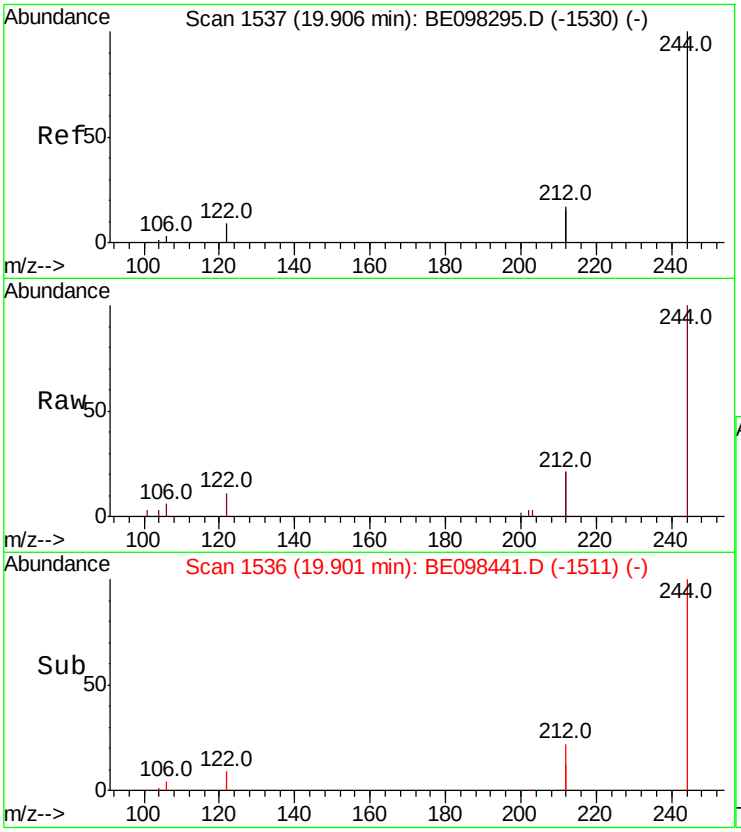


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Tgt Ion:240 Resp: 6479

Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.5	14.3#
236	28.5	22.7	34.1



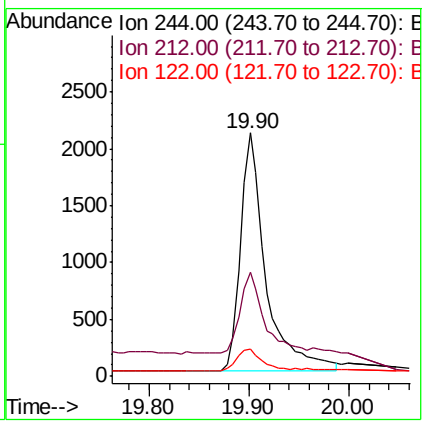


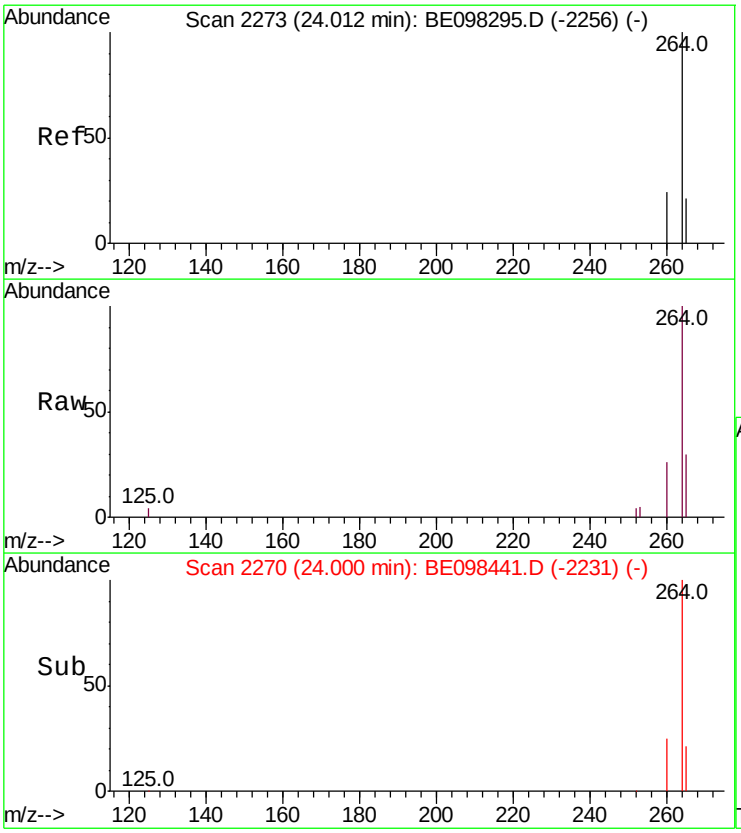
#29
Terphenyl-d14
Concen: 0.236 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Instrument :
BNA_E
ClientSampleId :
PB115586BL

Tgt Ion:244 Resp: 3715

Ion	Ratio	Lower	Upper
244	100		
212	42.6	27.4	41.0#
122	11.4	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: BE098441.D
Acq: 14 Dec 2018 18:26

Tgt Ion:264 Resp: 6329

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.2	30.2
265	30.0	25.2	37.8