Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
Data File : BE098669.D
Acq On : 18 Jan 2019 17:42
Operator : SJ/JU
Sample : PB116504BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB116504BL

Quant Time: Jan 18 21:25:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 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	3289	0.40	ng	0.01
13) Acenaphthene-d10	14.48	164	2054	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	4775	0.40	ng	0.00
27) Chrysene-d12	21.42	240	6470	0.40	ng	0.00
34) Perylene-d12	23.93	264	6596	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	859	0.39	ng	0.01
5) Phenol-d6	7.01	99	1007	0.32	ng	0.01
8) Nitrobenzene-d5	9.00	82	735	0.28	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1981	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	271	0.30	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2471	0.29	ng	0.01
25) Fluoranthene-d10	19.26	212	23481	0.40	ng	0.00
29) Terphenyl-d14	19.86	244	4214	0.29	ng	0.00
Target Compounds						Qvalue

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

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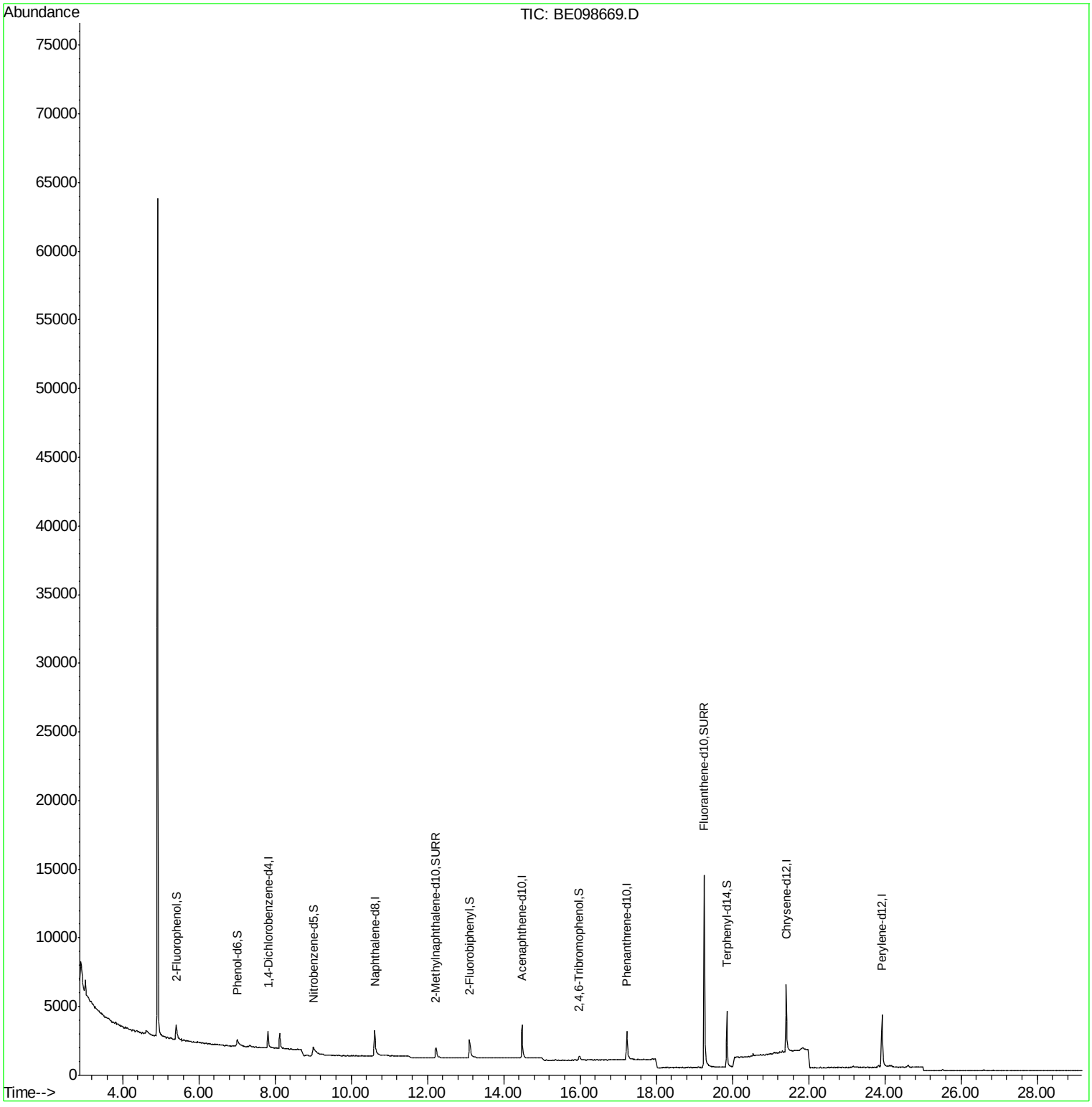
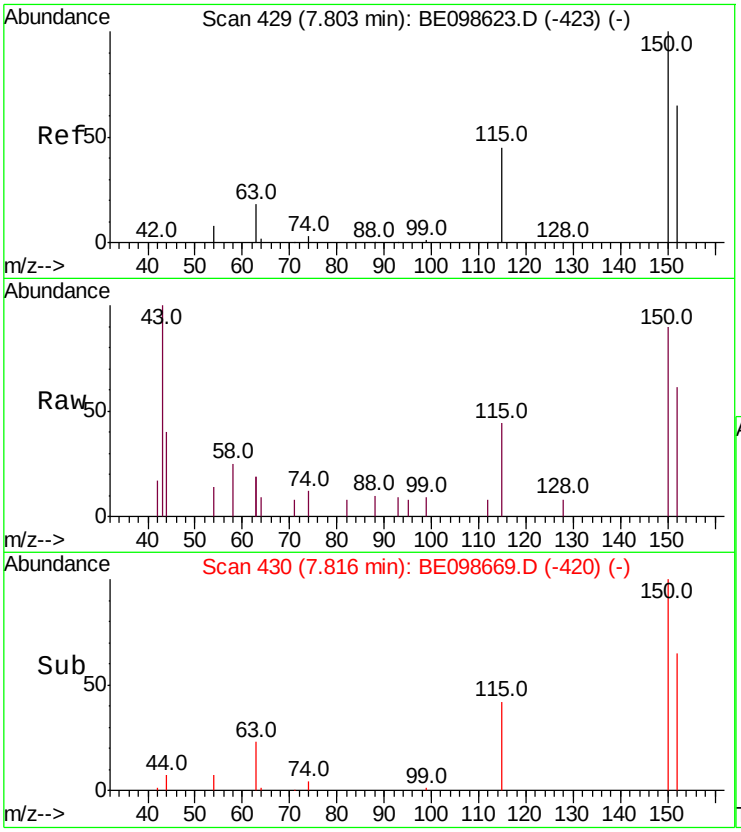


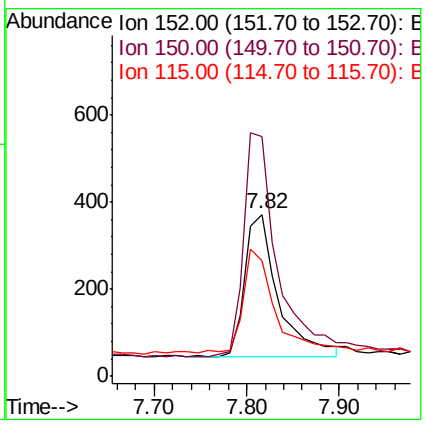


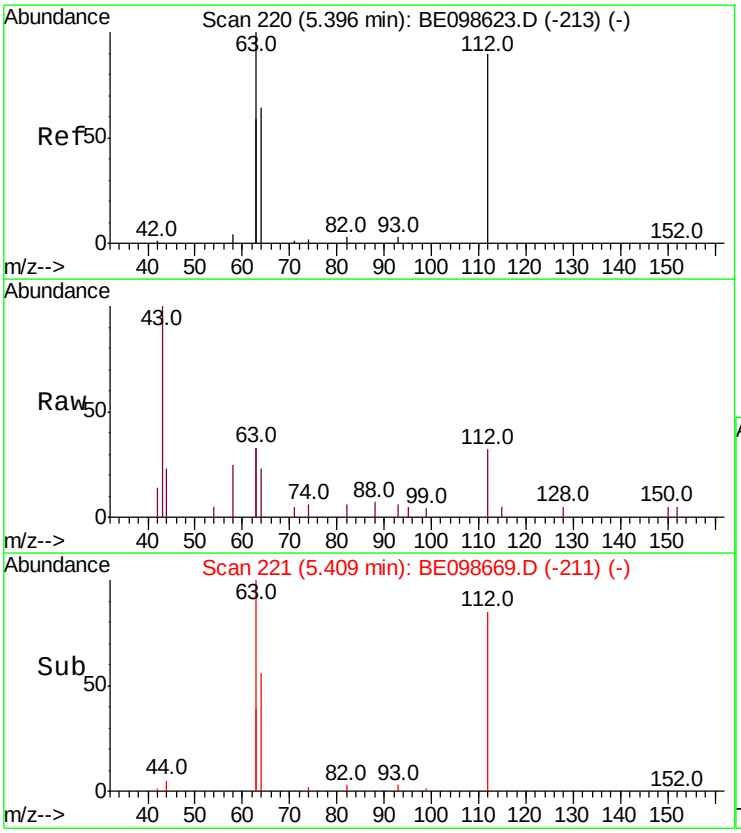
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.01 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Instrument :
BNA_E
ClientSampleId :
PB116504BL

Tgt Ion:152 Resp: 822

Ion	Ratio	Lower	Upper
152	100		
150	147.8	121.4	182.2
115	71.5	59.1	88.7

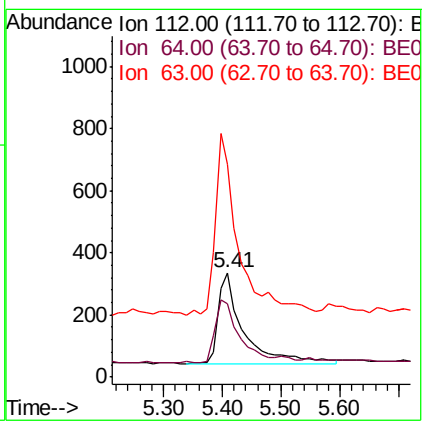


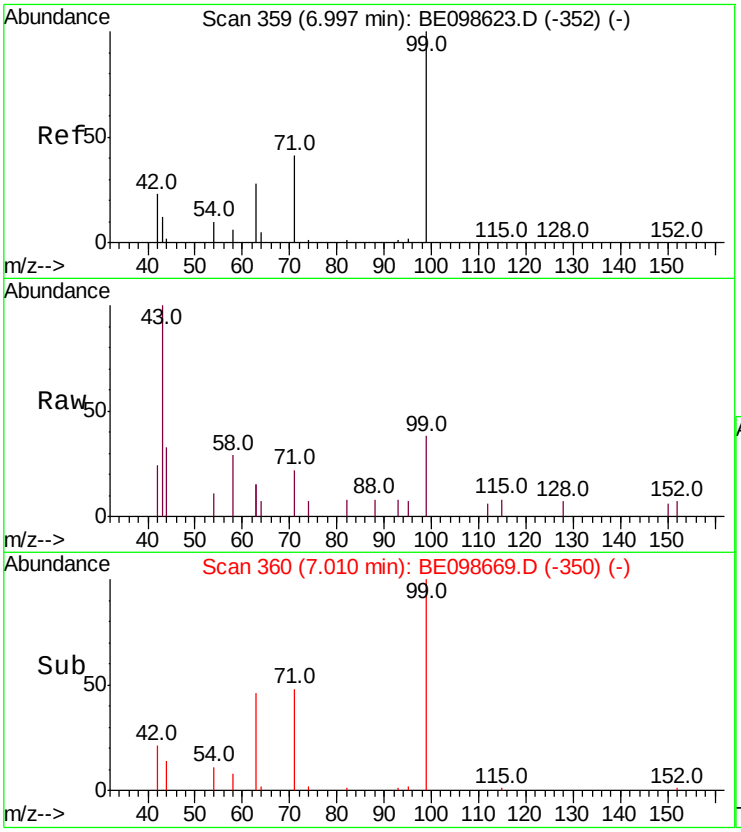


#4
2-Fluorophenol
Concen: 0.392 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.01 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Tgt Ion:112 Resp: 859

Ion	Ratio	Lower	Upper
112	100		
64	70.4	62.9	94.3
63	188.6	152.2	228.4



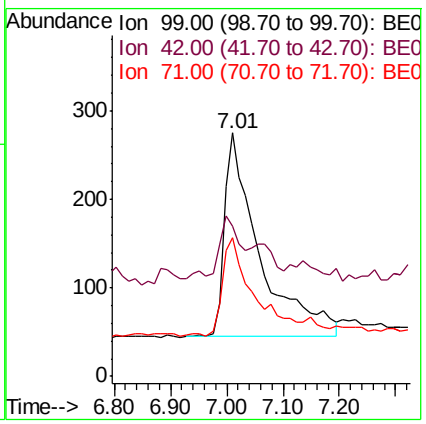


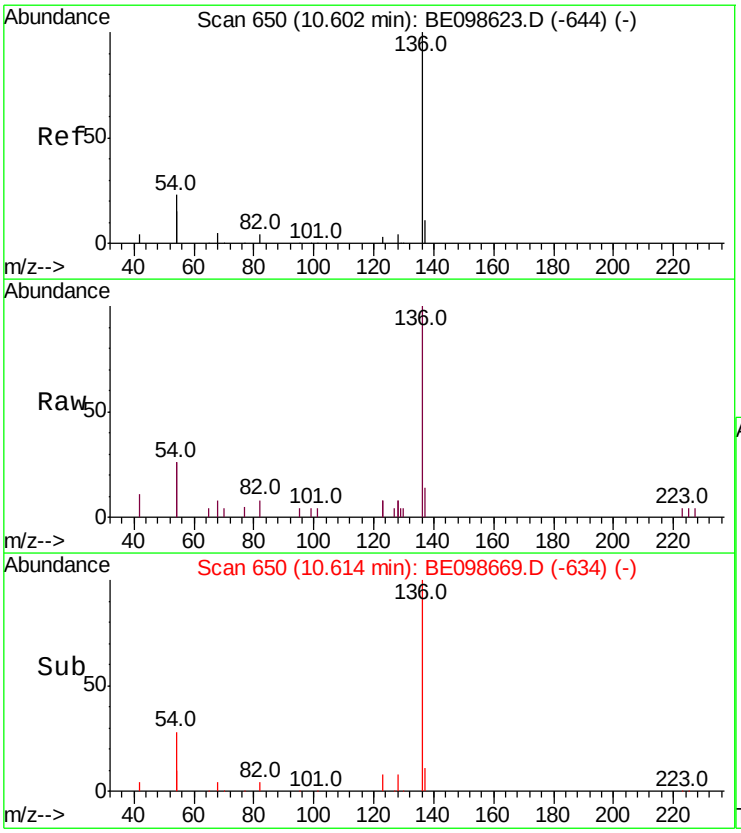
#5
Phenol-d6
Concen: 0.323 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.01 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Instrument : BNA_E
ClientSampleId : PB116504BL

Tgt Ion: 99 Resp: 1007

Ion	Ratio	Lower	Upper
99	100		
42	18.3	24.6	37.0#
71	45.9	35.1	52.7

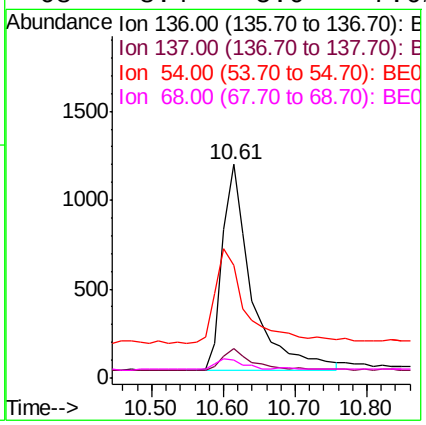


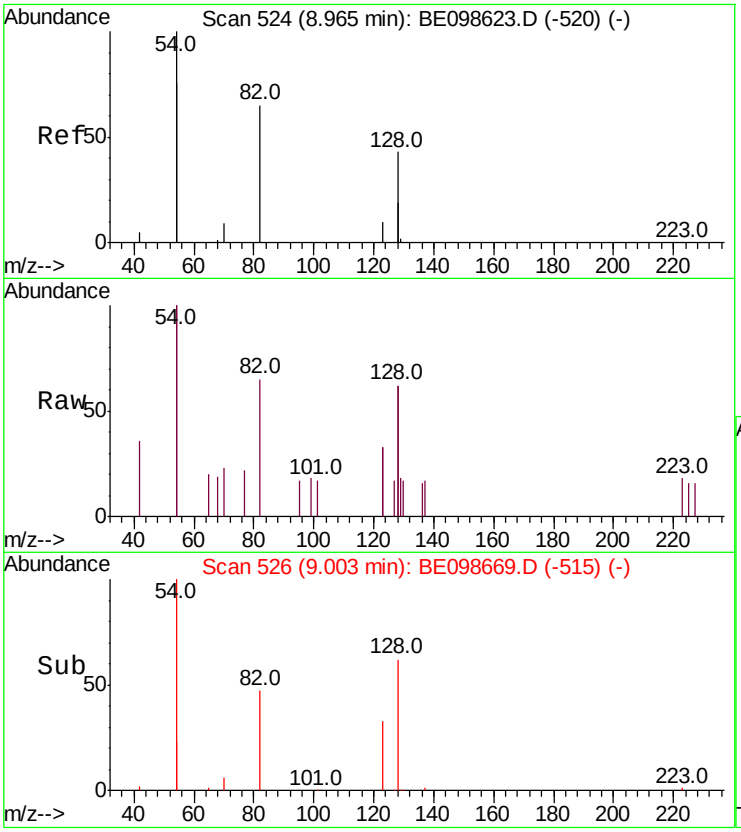


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Tgt Ion:136 Resp: 3289

Ion	Ratio	Lower	Upper
136	100		
137	14.0	9.7	14.5
54	53.0	35.5	53.3
68	8.4	5.0	7.6#



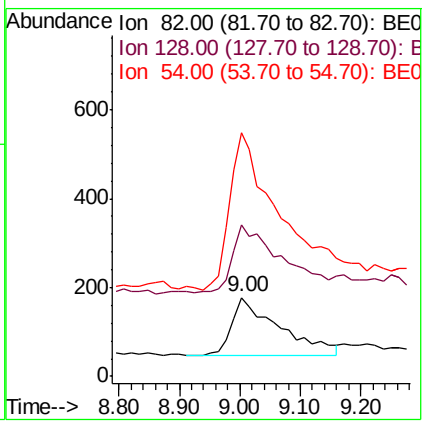


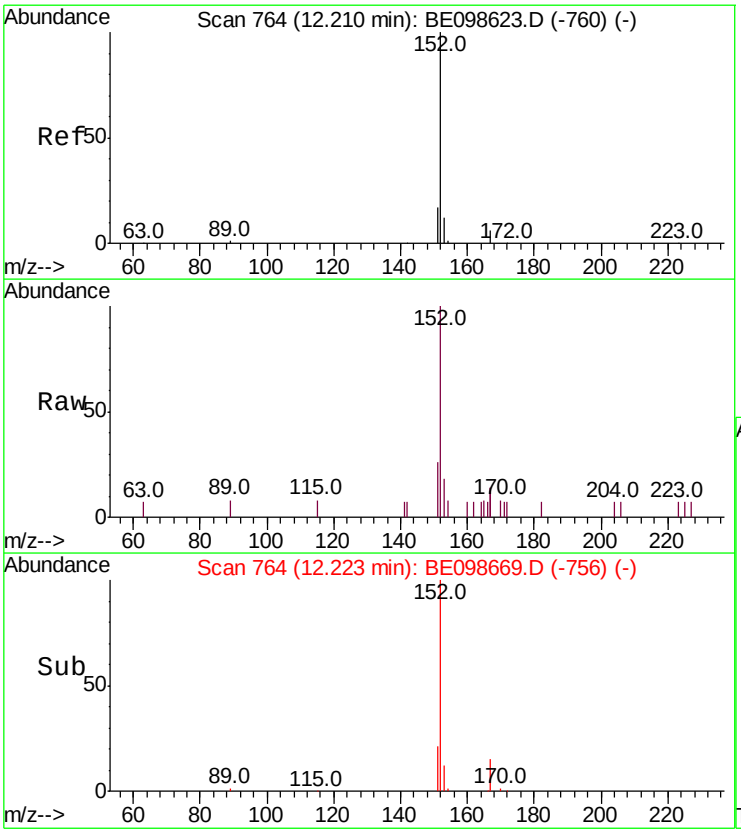
#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.04 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Instrument : BNA_E
ClientSampleId : PB116504BL

Tgt Ion: 82 Resp: 735

Ion	Ratio	Lower	Upper
82	100		
128	192.1	96.5	144.7#
54	307.9	224.7	337.1

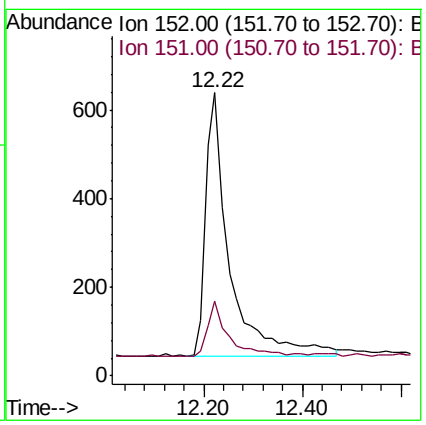


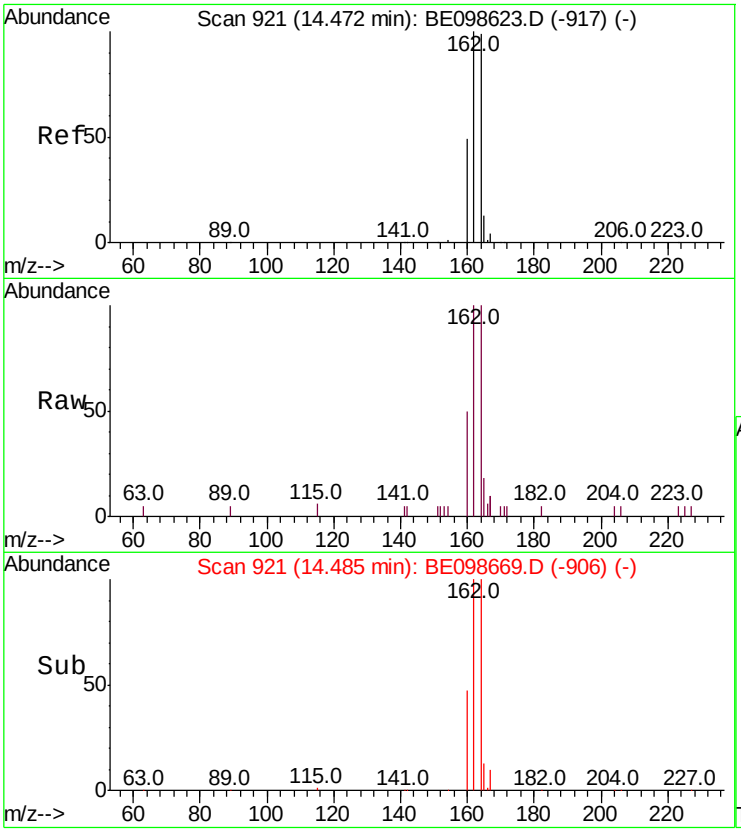


#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Tgt Ion:152 Resp: 1981

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.2	24.4



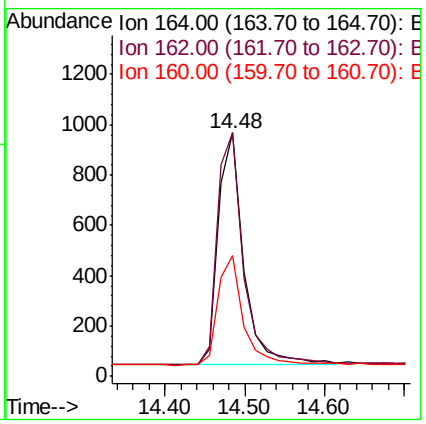


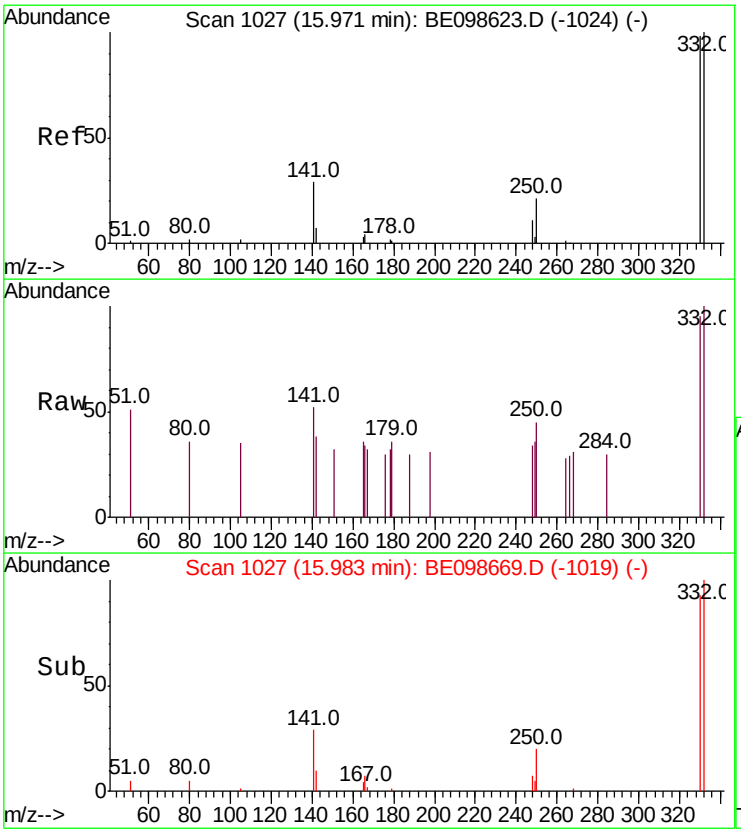
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Instrument :
BNA_E
ClientSampleId :
PB116504BL

Tgt Ion:164 Resp: 2054

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.5	120.7
160	49.7	40.1	60.1

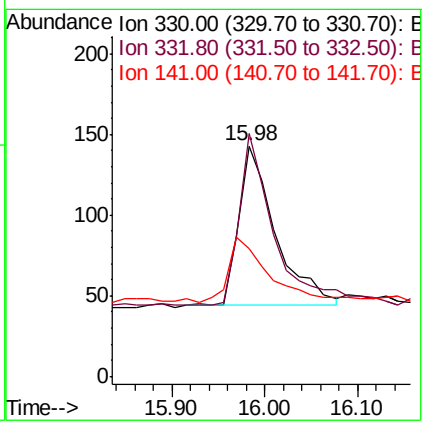


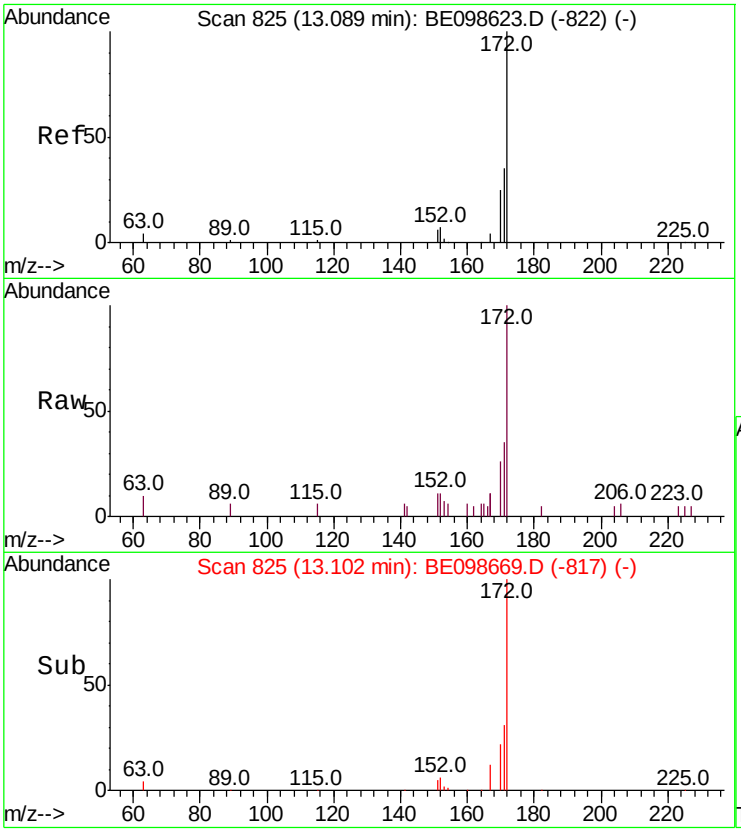


#14
2,4,6-Tribromophenol
Concen: 0.303 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Tgt Ion:330 Resp: 271

Ion	Ratio	Lower	Upper
330	100		
332	106.3	73.3	109.9
141	45.4	33.1	49.7



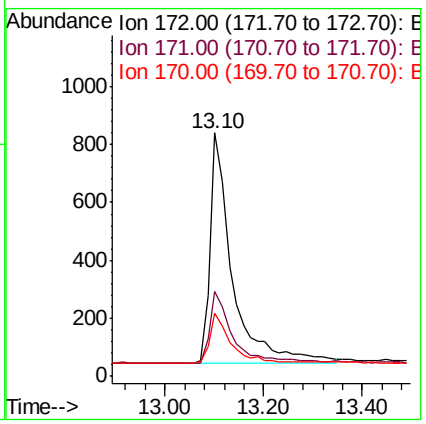


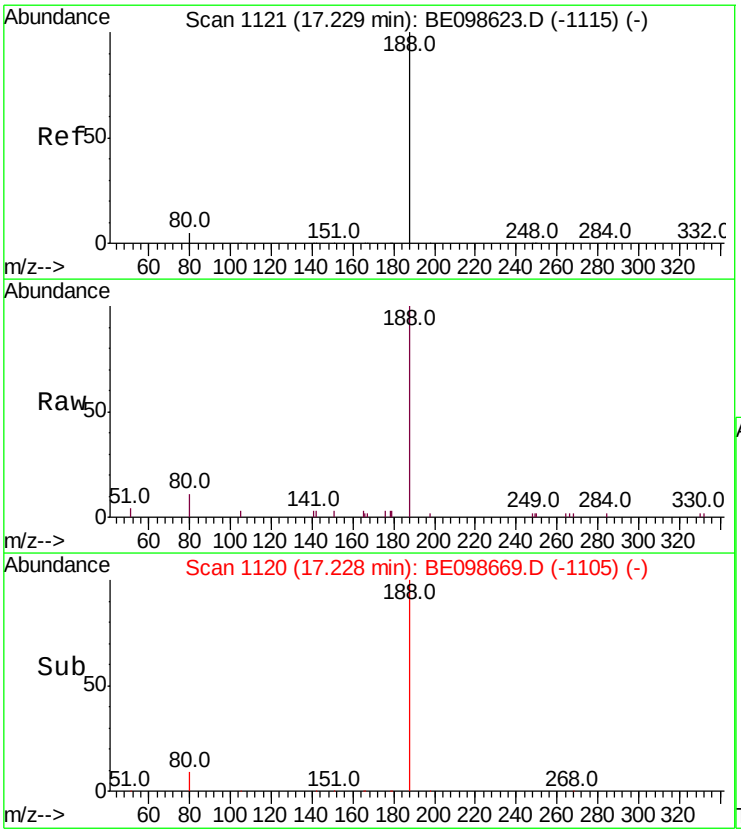
#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Instrument :
BNA_E
ClientSampleId :
PB116504BL

Tgt Ion:172 Resp: 2471

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.0	43.4
170	26.0	20.8	31.2

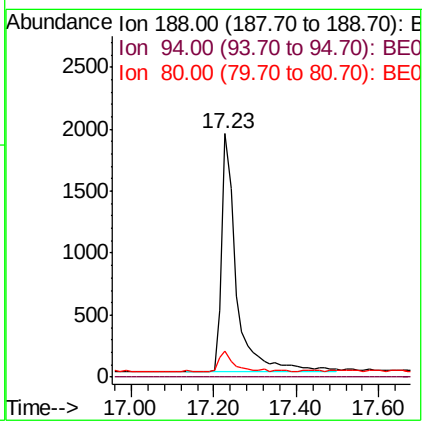


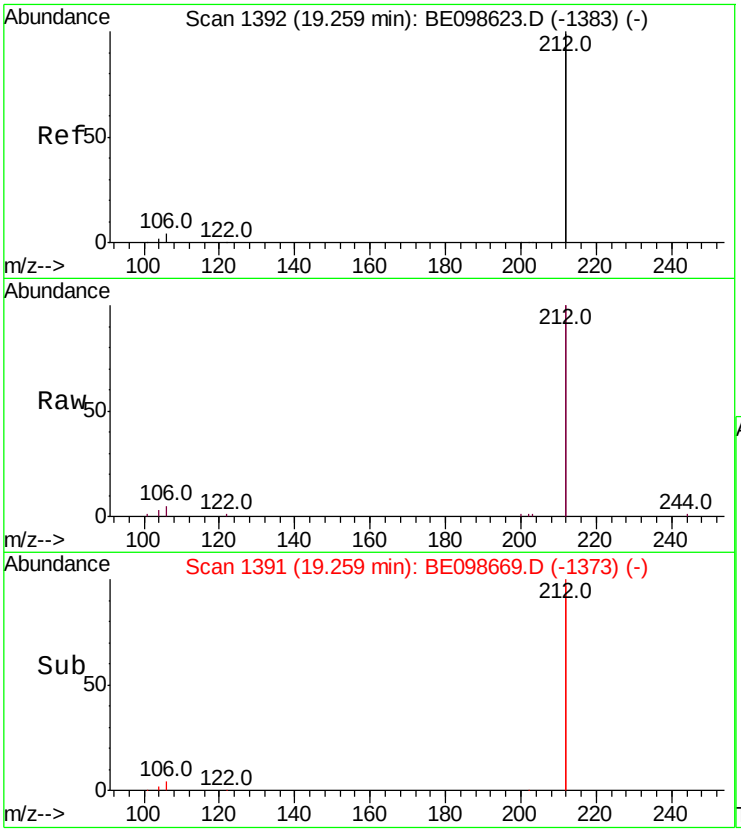


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Tgt Ion:188 Resp: 4775

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	4.7	7.1#



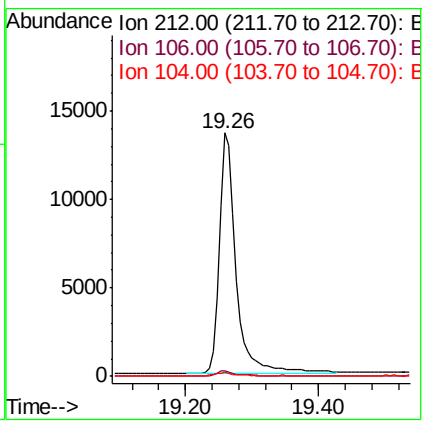


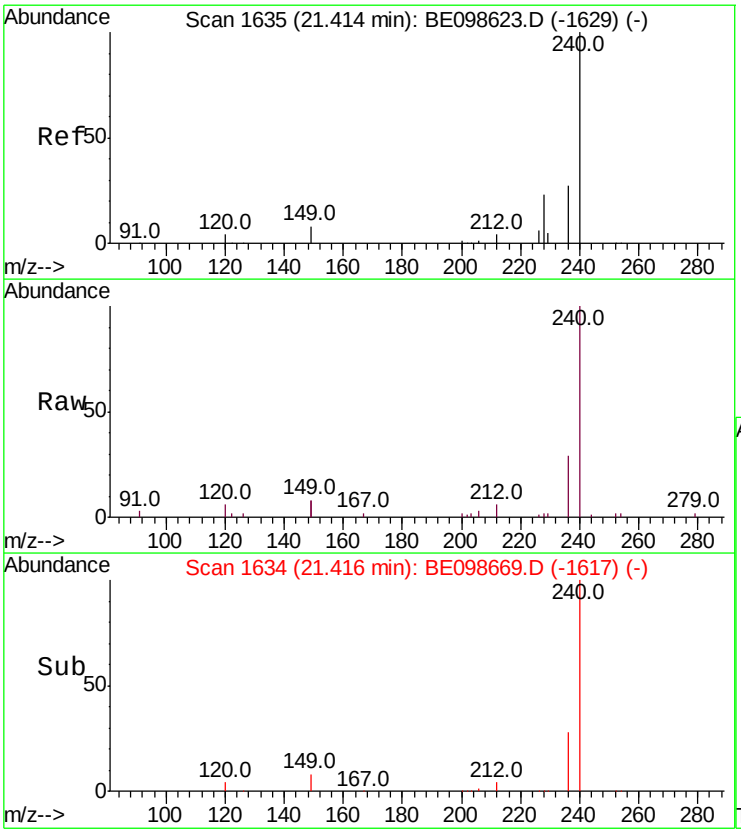
#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Instrument :
BNA_E
ClientSampleId :
PB116504BL

Tgt Ion:212 Resp: 23481

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.7	2.5
104	1.1	1.0	1.6

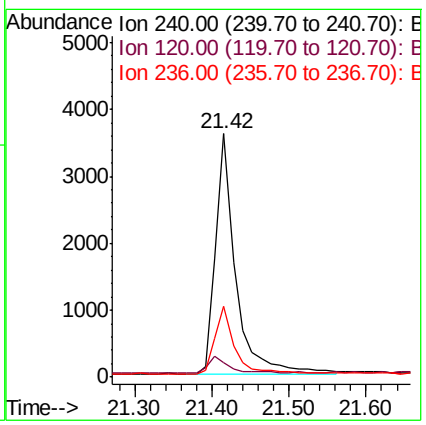


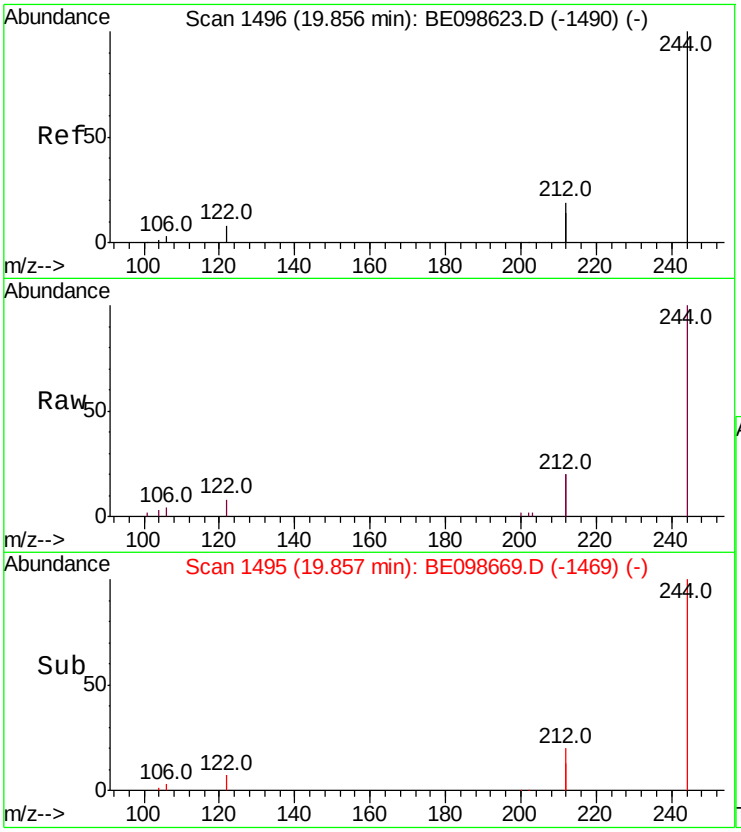


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Tgt Ion:240 Resp: 6470

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.7	7.1
236	29.0	21.9	32.9



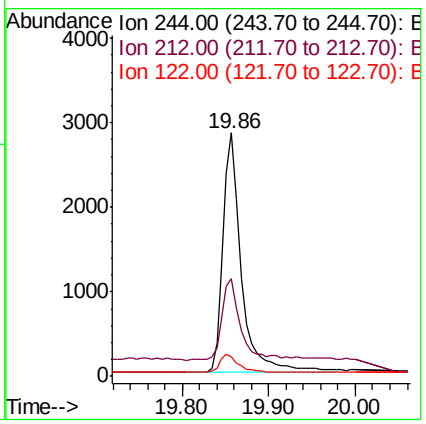


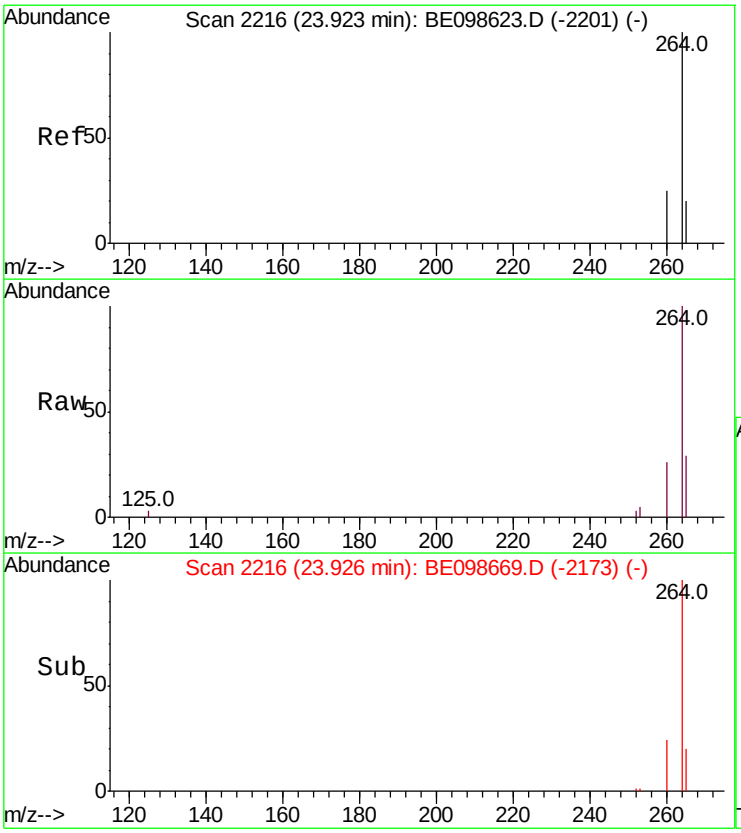
#29
Terphenyl-d14
Concen: 0.294 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Instrument :
BNA_E
ClientSampleId :
PB116504BL

Tgt Ion:244 Resp: 4214

Ion	Ratio	Lower	Upper
244	100		
212	40.2	29.4	44.2
122	8.3	7.1	10.7





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Tgt Ion:264 Resp: 6596

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	28.5	22.3	33.5