Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111297.D
Acq On : 12 Dec 2018 1:06
Operator : JU/SJ
Sample : J6214-37
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-10

Quant Time: Dec 12 04:36:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	259512	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1145018	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	512098	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	769975	20.00	ng	0.00
76) Chrysene-d12	13.95	240	593135	20.00	ng	0.00
87) Perylene-d12	15.39	264	591754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1015913	61.82	ng	0.00
7) Phenol-d6	6.42	99	763583	37.39	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1757382	86.09	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	542804	119.66	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2872121	104.54	ng	0.00
79) Terphenyl-d14	12.90	244	2081628	84.18	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.43	94	133531	5.591	ng	93
50) Dimethylphthalate	9.55	163	99305	2.628	ng	97

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

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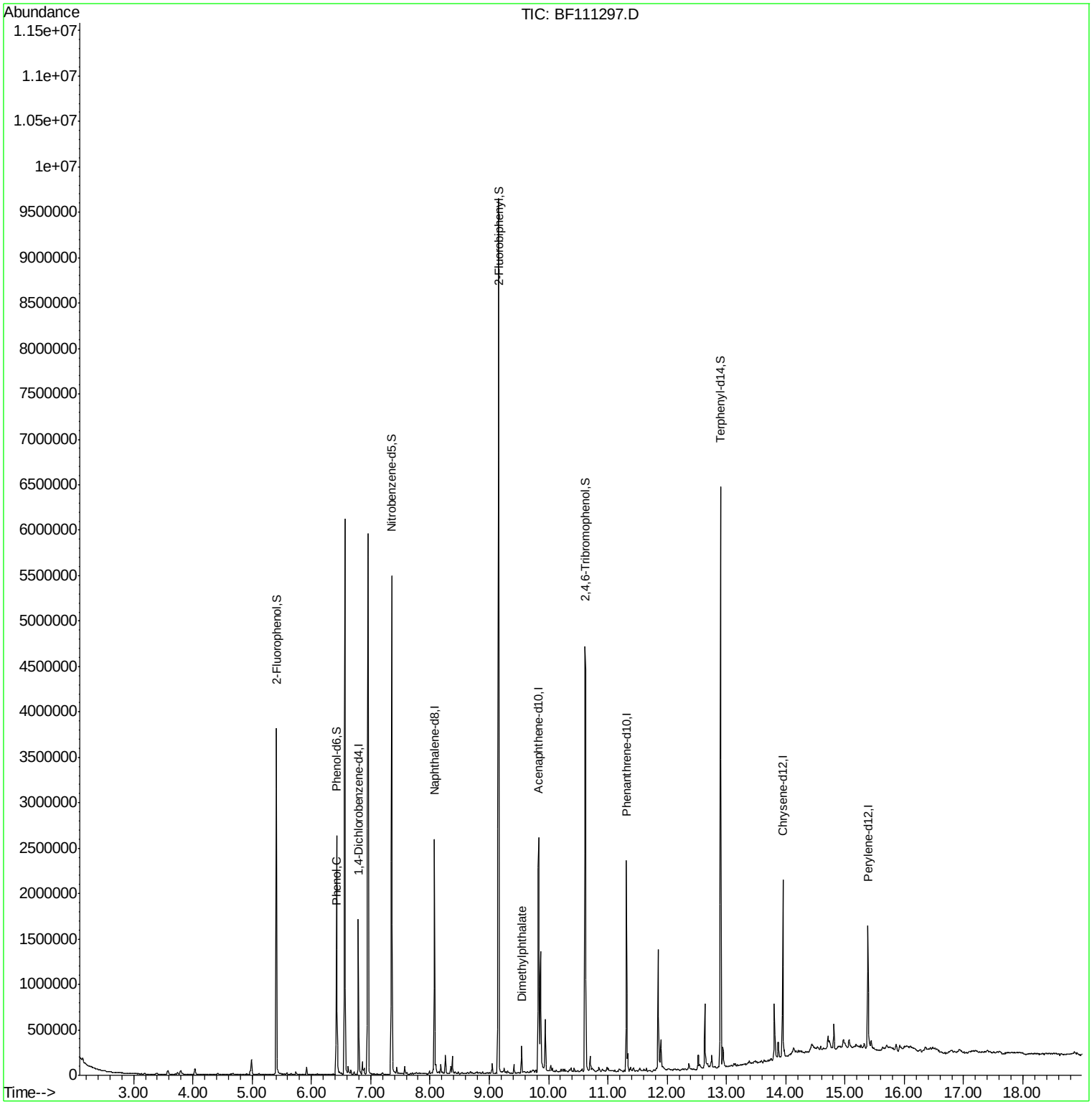
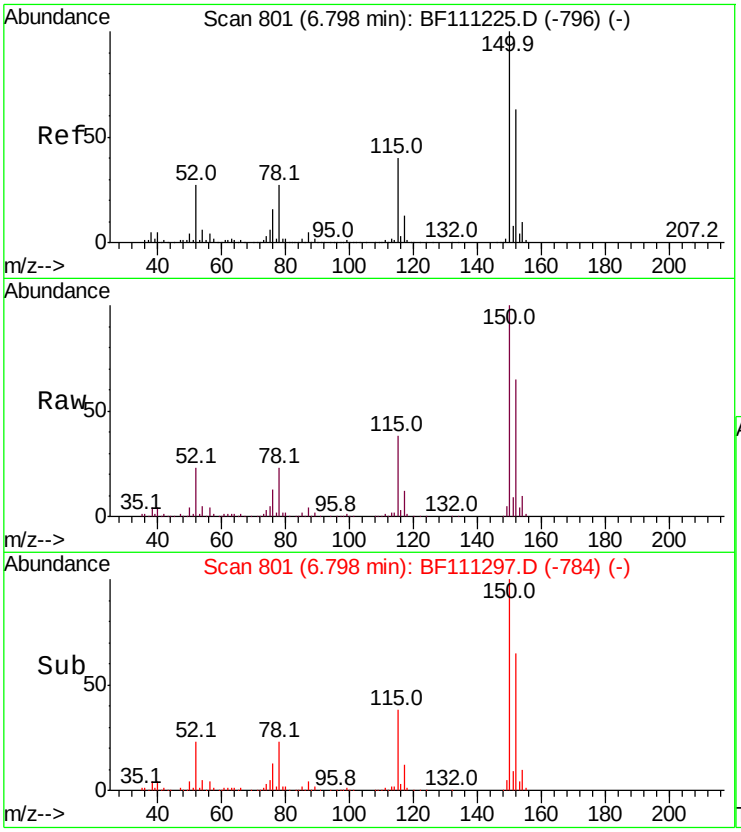


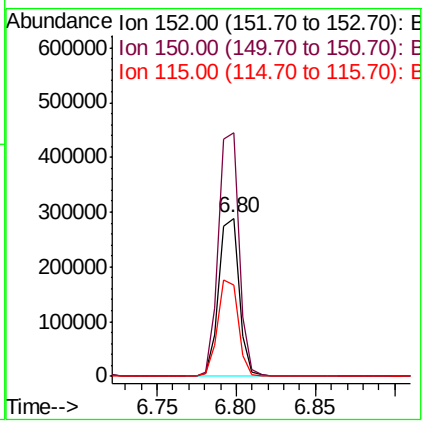


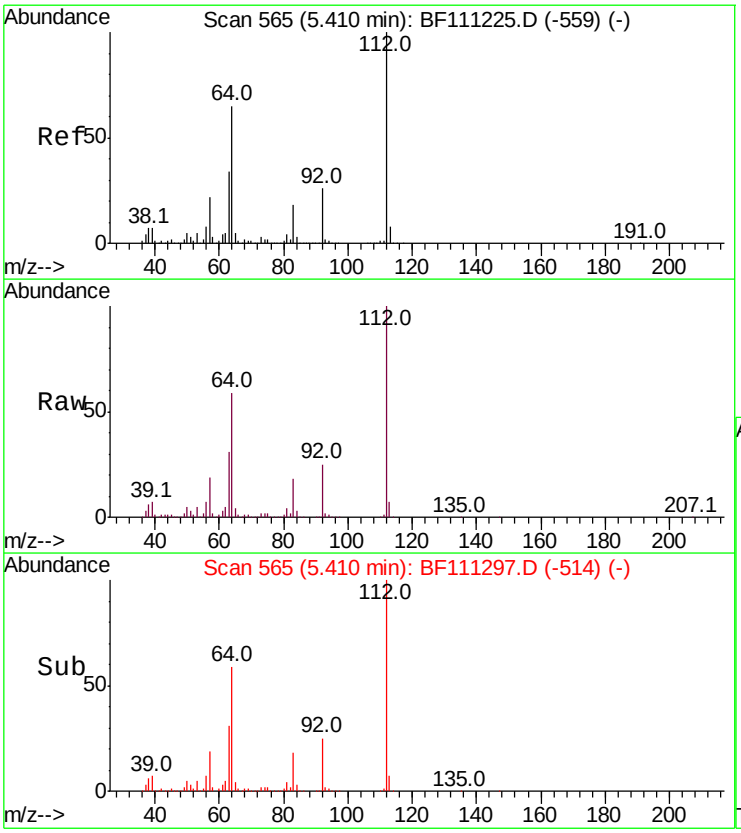
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Instrument :
BNA_F
ClientSampleId :
TW-10

Tgt Ion:152 Resp: 259512

Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.6	189.8
115	58.0	50.7	76.1

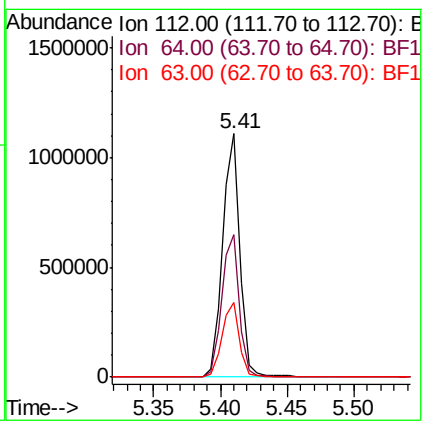


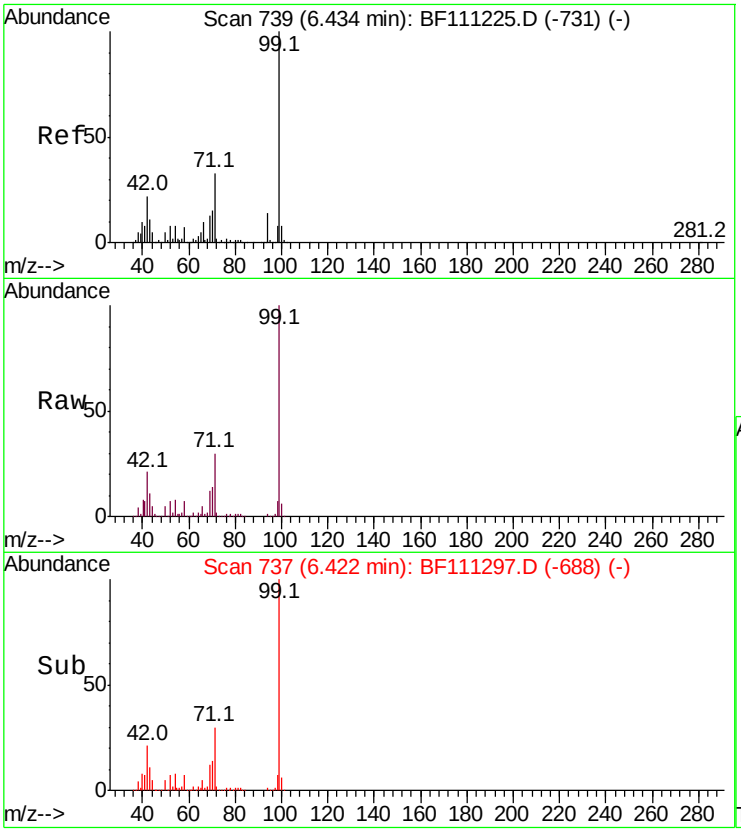


#5
2-Fluorophenol
Concen: 61.816 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Tgt Ion:112 Resp: 1015913

Ion	Ratio	Lower	Upper
112	100		
64	58.5	51.8	77.6
63	30.7	26.8	40.2



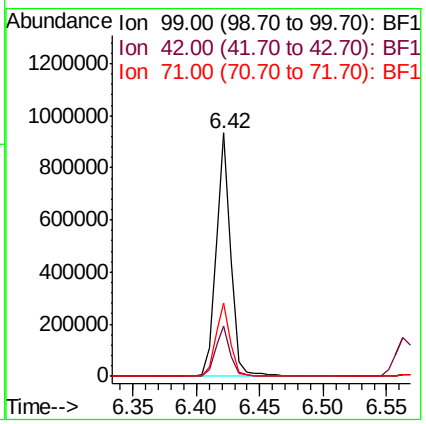


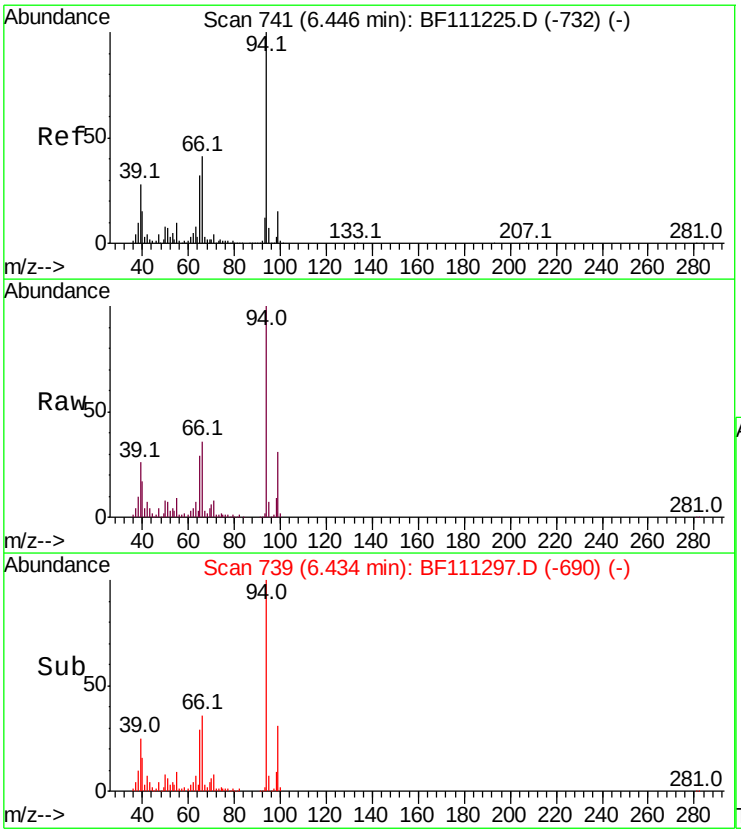
#7
Phenol-d6
Concen: 37.387 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Instrument :
BNA_F
ClientSampleId :
TW-10

Tgt Ion: 99 Resp: 763583

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.4	26.0
71	30.3	26.1	39.1

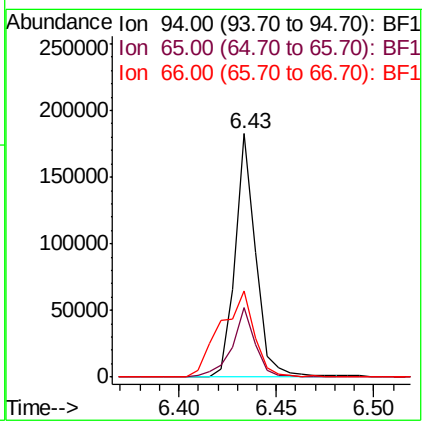


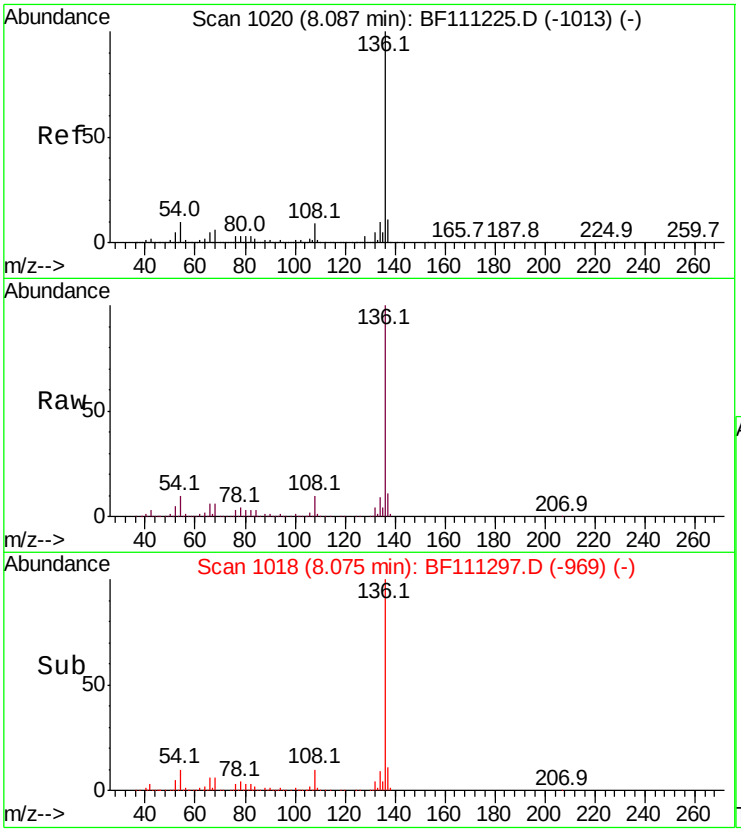


#10
Phenol
Concen: 5.591 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Tgt Ion: 94 Resp: 133531

Ion	Ratio	Lower	Upper
94	100		
65	28.6	11.7	51.7
66	35.5	21.0	61.0



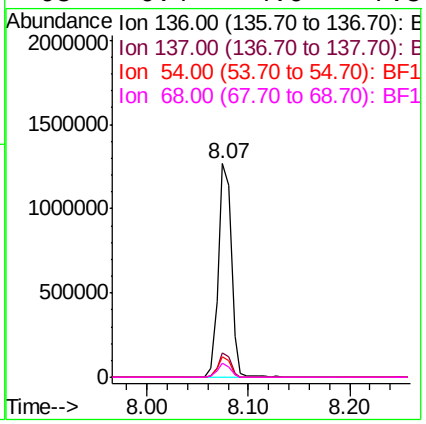


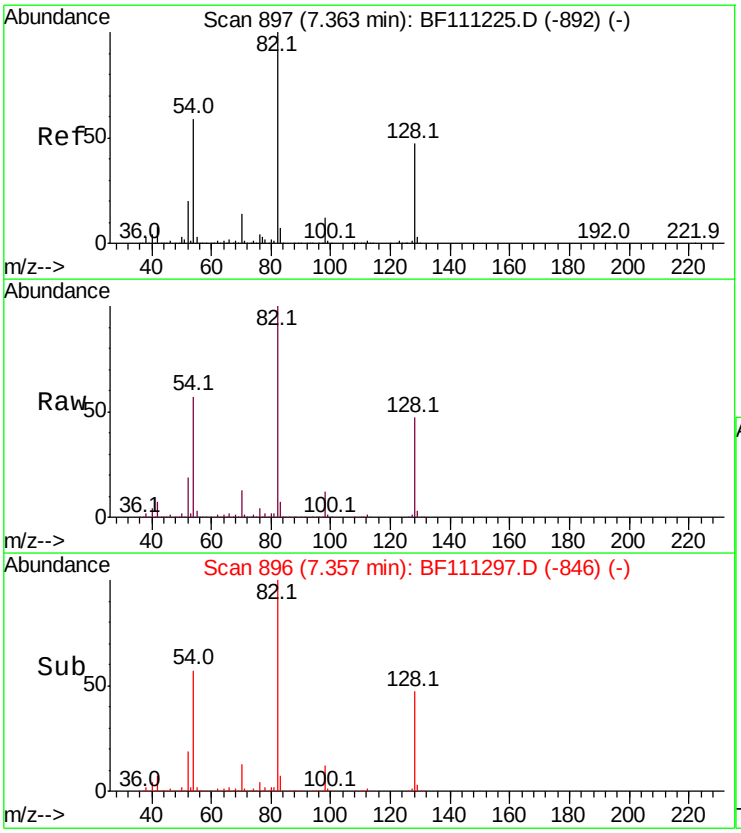
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Instrument :
BNA_F
ClientSampleId :
TW-10

Tgt Ion:136 Resp: 1145018

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.7	7.7	11.5
68	6.4	4.9	7.3

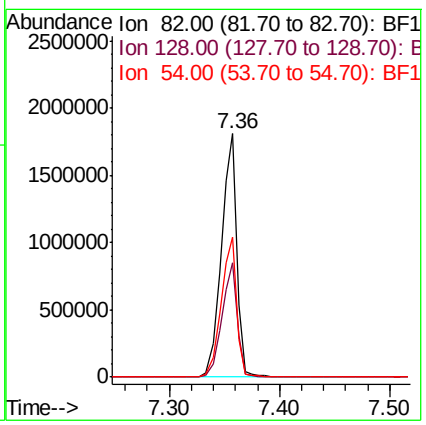


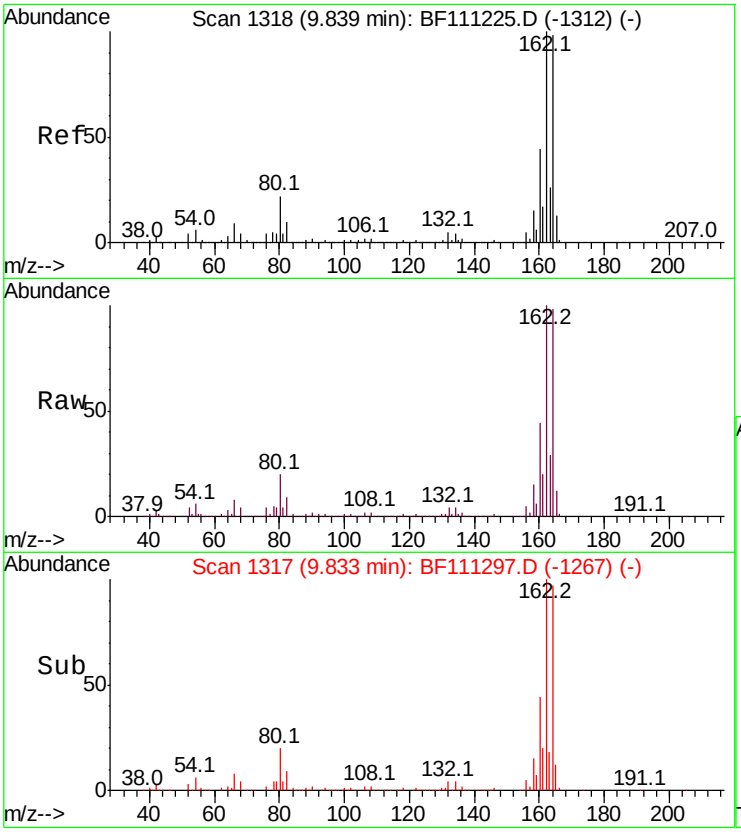


#23
Nitrobenzene-d5
Concen: 86.085 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Tgt Ion: 82 Resp: 1757382

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.4	56.2
54	57.4	47.6	71.4



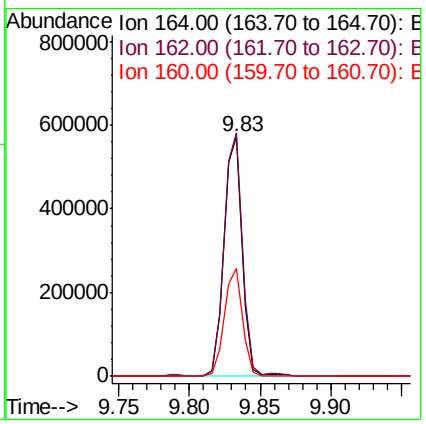


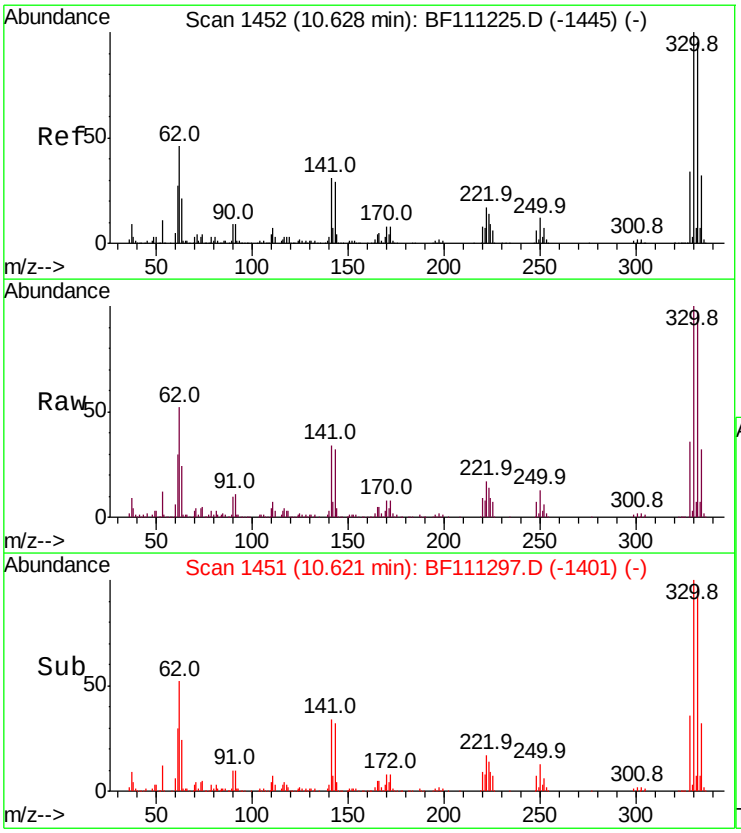
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Instrument :
BNA_F
ClientSampleId :
TW-10

Tgt Ion:164 Resp: 512098

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	45.0	35.7	53.5

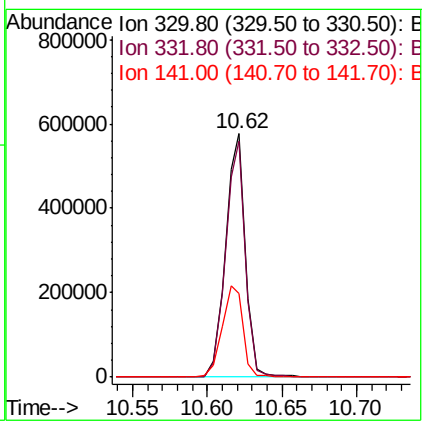


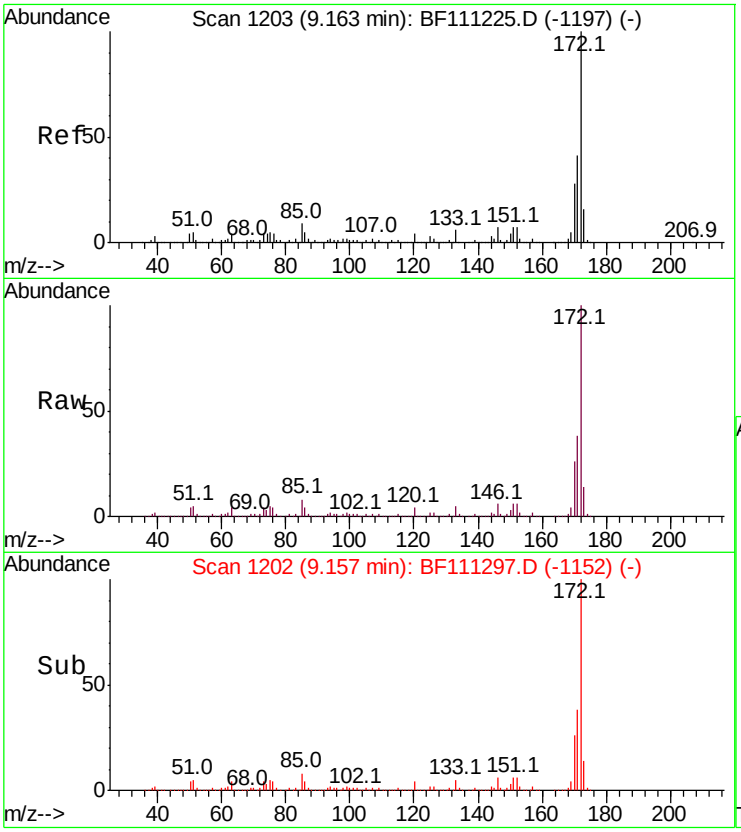


#42
2,4,6-Tribromophenol
Concen: 119.660 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Tgt Ion:330 Resp: 542804

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	39.4	31.0	46.6



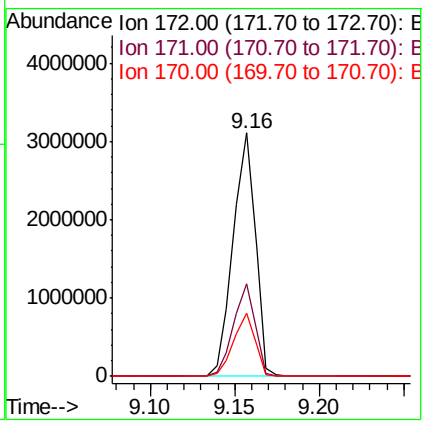


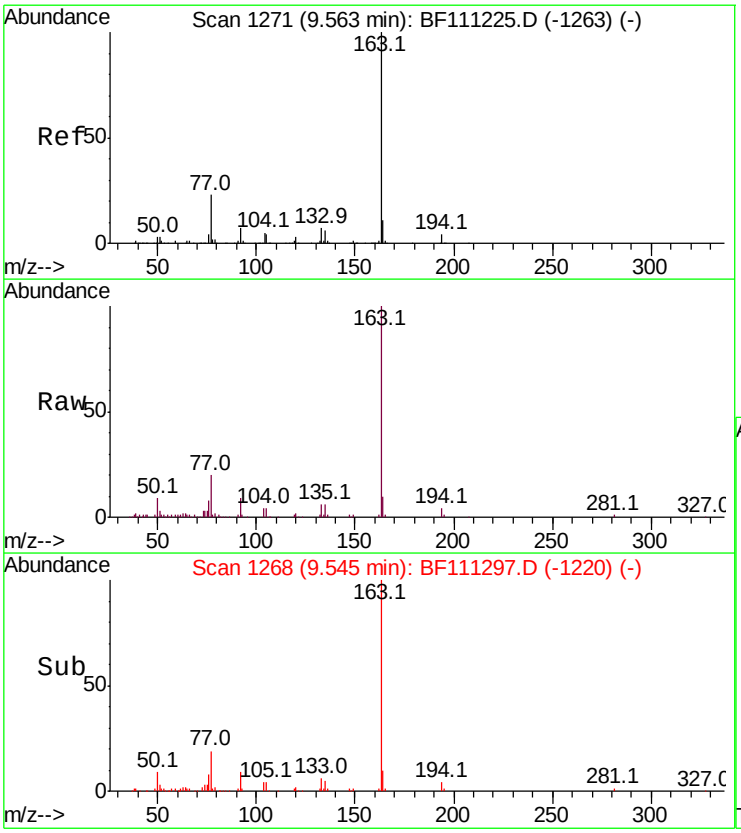
#45
2-Fluorobiphenyl
Concen: 104.542 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Instrument :
BNA_F
ClientSampleId :
TW-10

Tgt Ion:172 Resp: 2872121

Ion	Ratio	Lower	Upper
172	100		
171	38.1	33.0	49.4
170	26.1	22.3	33.5

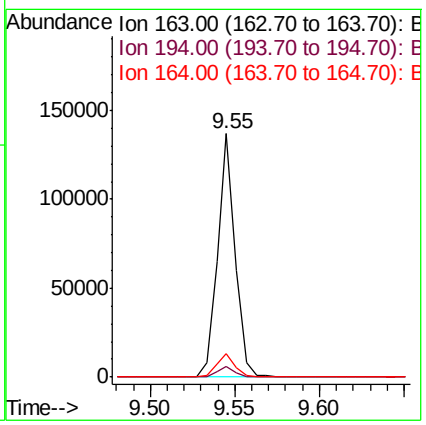


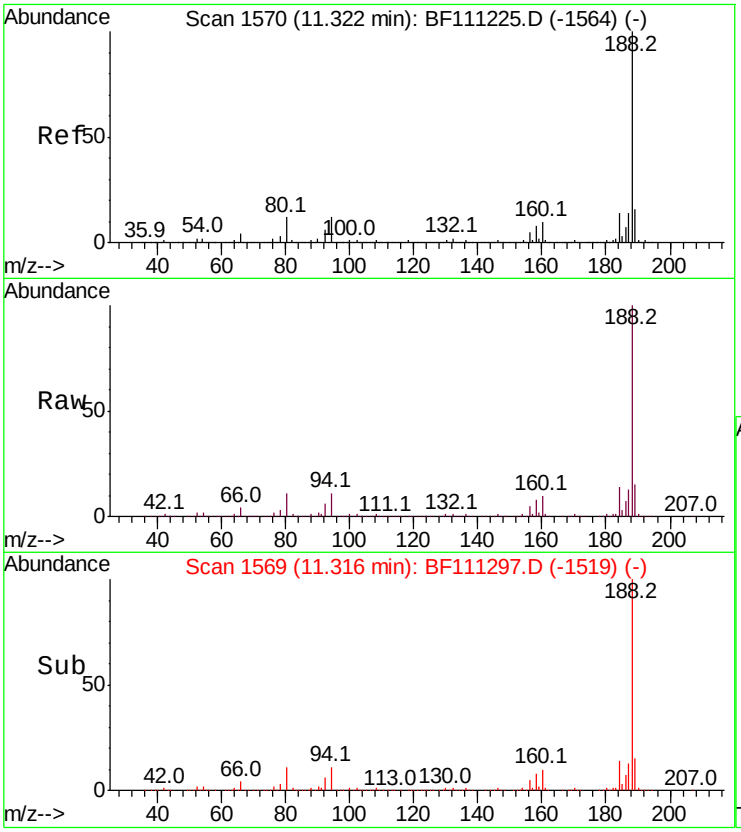


#50
Dimethylphthalate
Concen: 2.628 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Tgt Ion:163 Resp: 99305

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.7	8.9	13.3



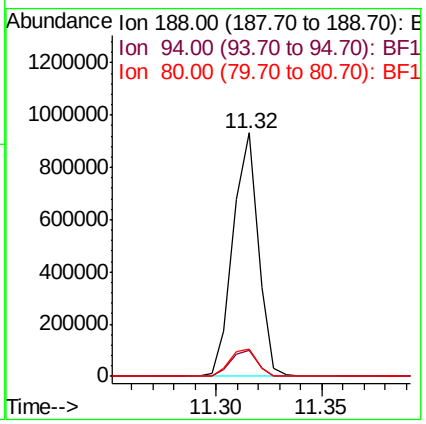


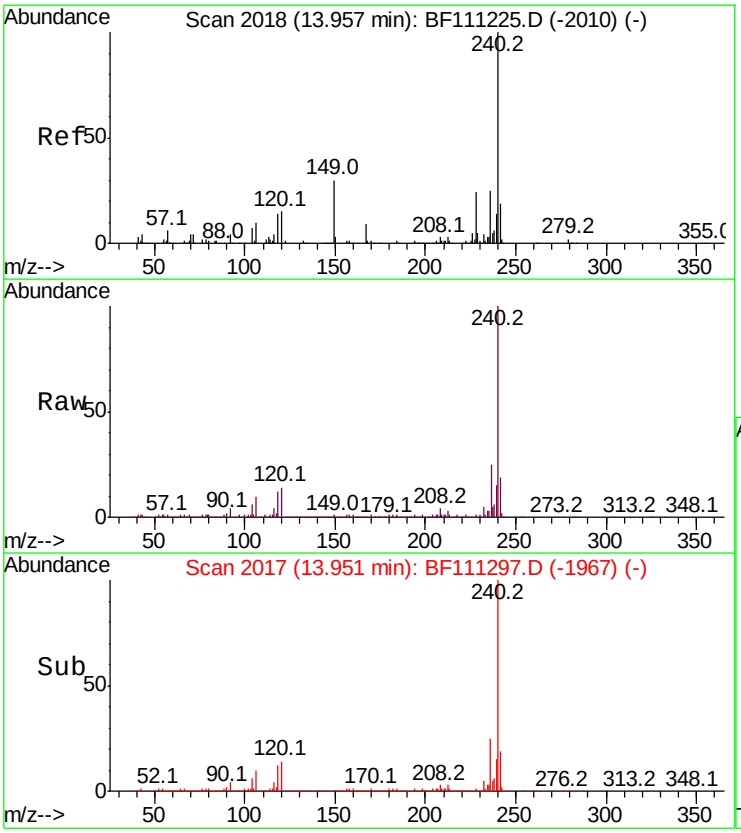
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Instrument :
BNA_F
ClientSampleId :
TW-10

Tgt Ion:188 Resp: 769975

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.6	14.4
80	11.4	9.8	14.6

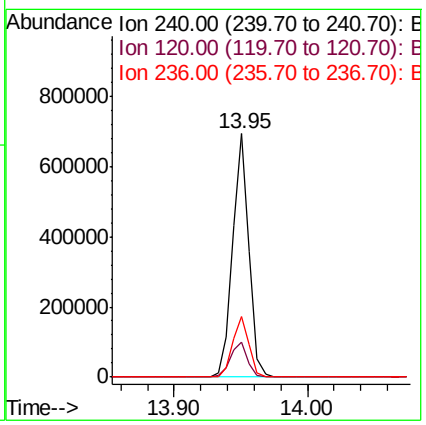


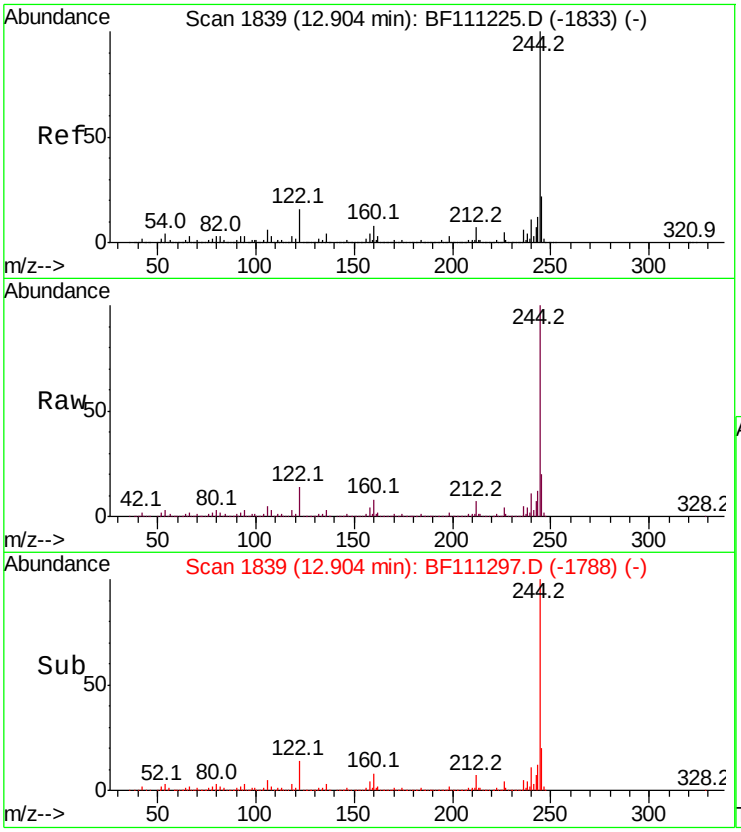


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Tgt Ion:240 Resp: 593135

Ion	Ratio	Lower	Upper
240	100		
120	14.3	12.2	18.2
236	25.1	20.2	30.2



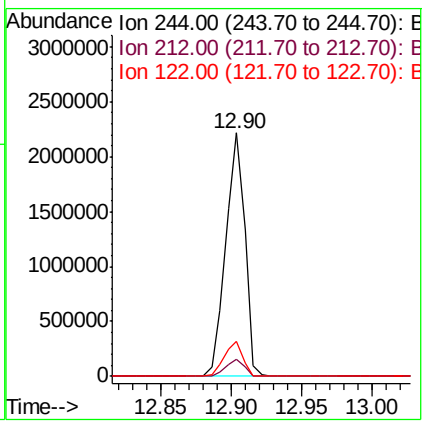


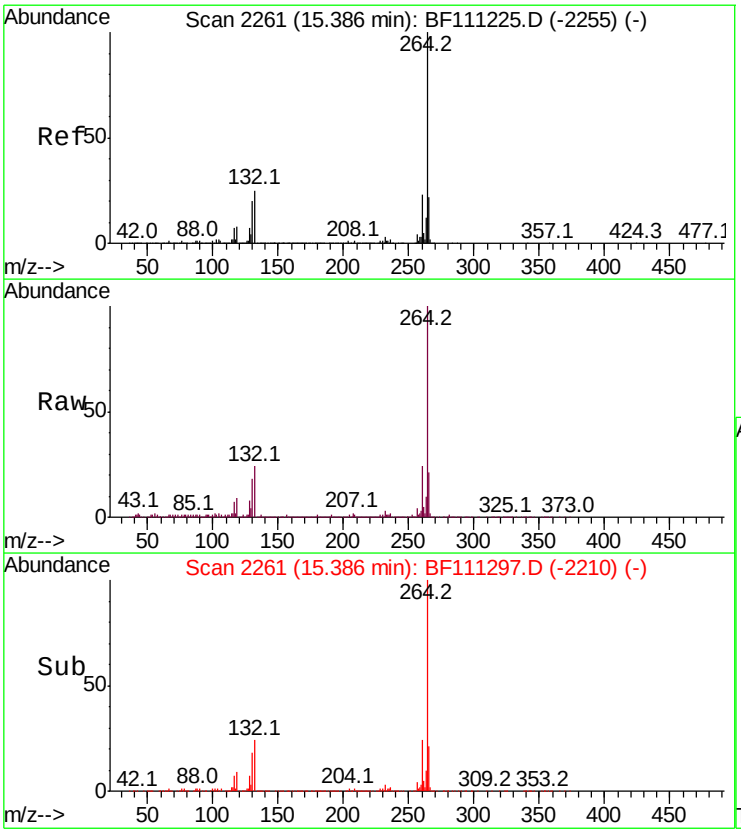
#79
Terphenyl-d14
Concen: 84.181 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Instrument :
BNA_F
ClientSampleId :
TW-10

Tgt Ion:244 Resp: 2081628

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	14.4	13.1	19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF111297.D
Acq: 12 Dec 2018 1:06

Tgt Ion:264 Resp: 591754

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.5	17.7	26.5