Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111827.D
Acq On : 3 Jan 2019 18:05
Operator : JU/SJ
Sample : K1017-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Time: Jan 04 02:58:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	237234	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	808223	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	334941	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	731641	20.00	ng	0.01
76) Chrysene-d12	14.06	240	362966	20.00	ng	0.01
87) Perylene-d12	15.55	264	276177	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1214655	87.27	ng	0.02
7) Phenol-d6	6.55	99	1571711	88.73	ng	0.02
23) Nitrobenzene-d5	7.46	82	995716	71.71	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	423339	106.97	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1396225	60.76	ng	0.00
79) Terphenyl-d14	13.01	244	1025743	53.59	ng	0.01
Target Compounds						Qvalue
10) Phenol	6.55	94	83991	4.203	ng	94
50) Dimethylphthalate	9.65	163	230836	9.424	ng	97

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

Quantitation Report (QT/LSC Reviewed)

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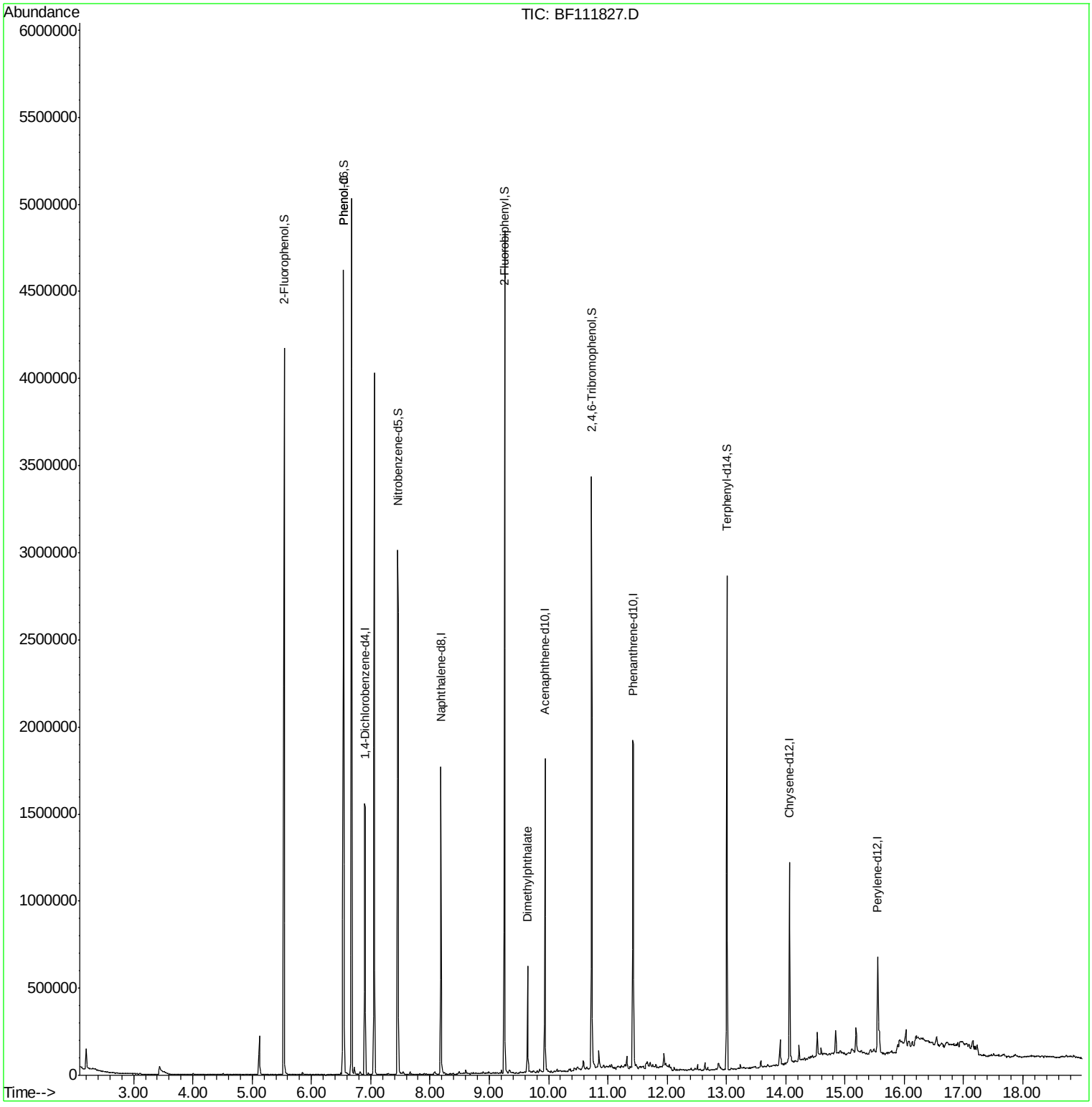
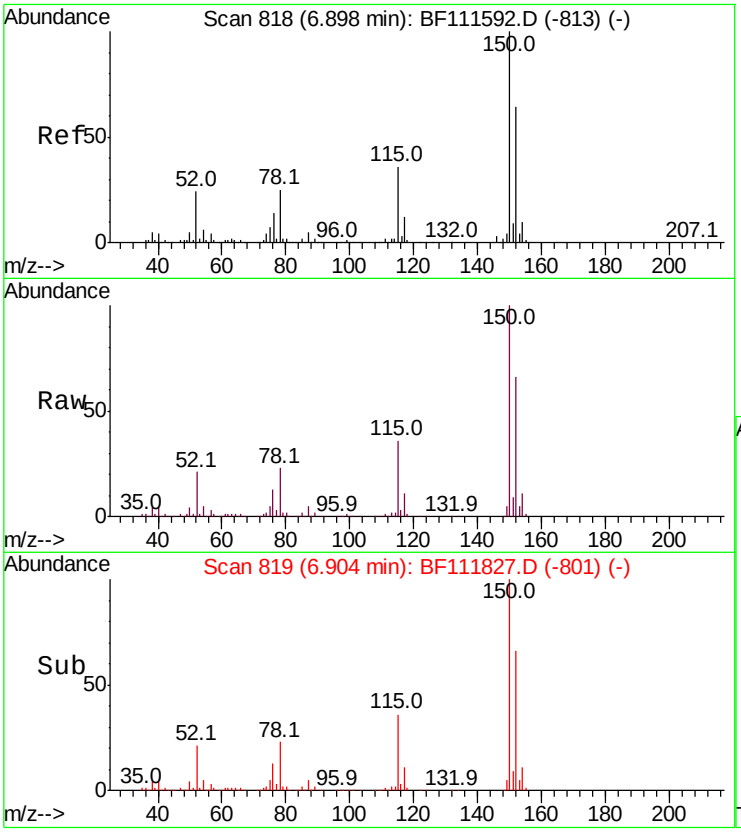


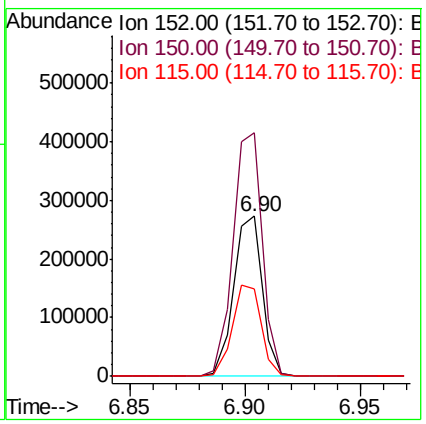


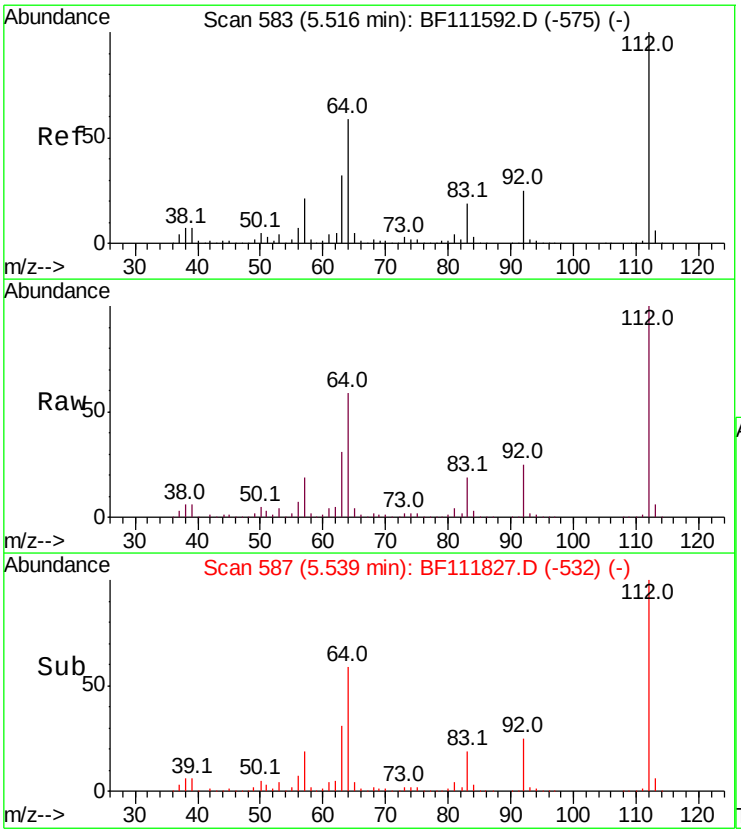
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 237234

Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.6	189.8
115	54.3	50.7	76.1

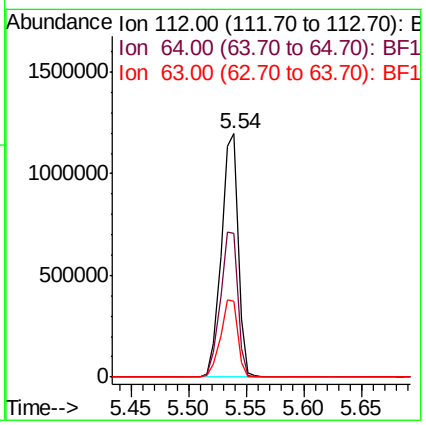


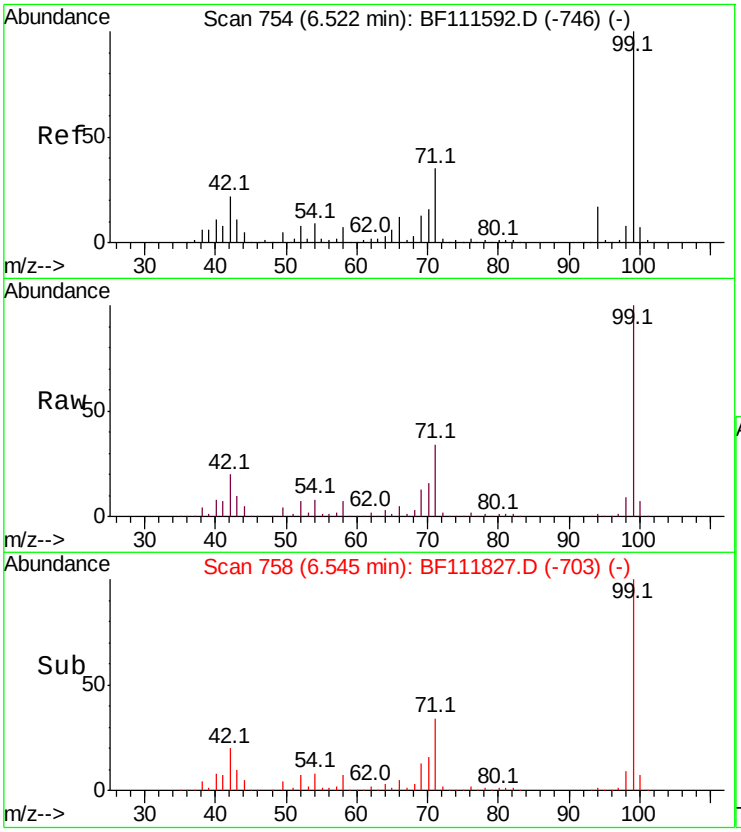


#5
2-Fluorophenol
Concen: 87.273 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Tgt Ion:112 Resp: 1214655

Ion	Ratio	Lower	Upper
112	100		
64	59.2	51.8	77.6
63	31.1	26.8	40.2



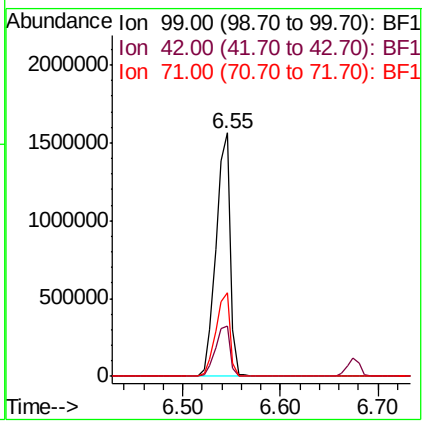


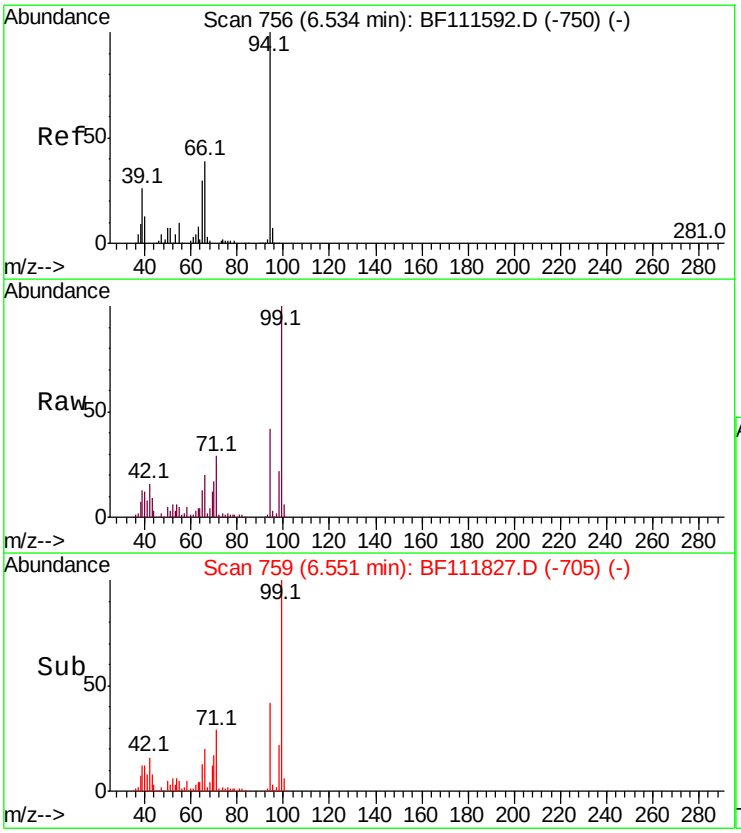
#7
Phenol-d6
Concen: 88.734 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.02 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 1571711

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.4	26.0
71	34.4	26.1	39.1

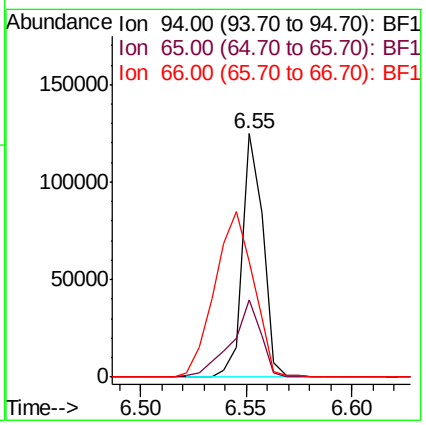


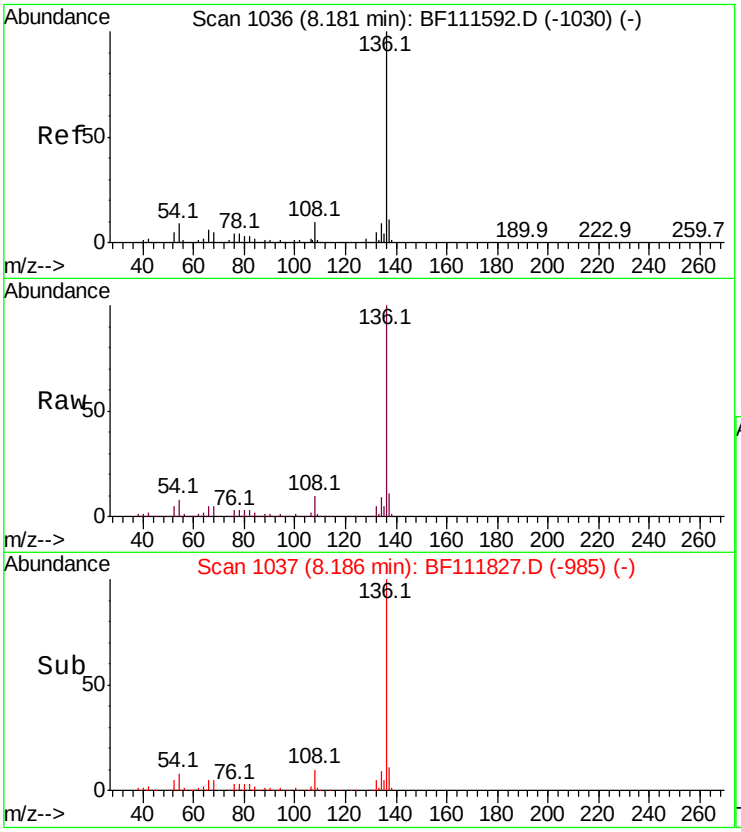


#10
Phenol
Concen: 4.203 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Tgt Ion: 94 Resp: 83991

Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.7	51.7
66	47.2	21.0	61.0



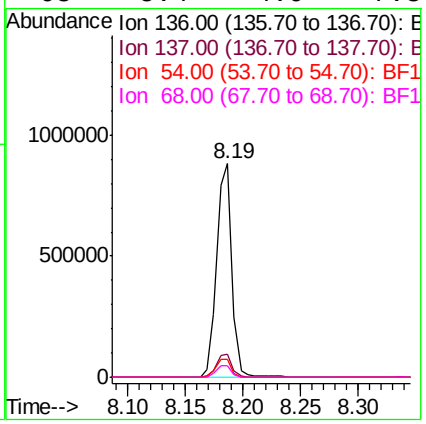


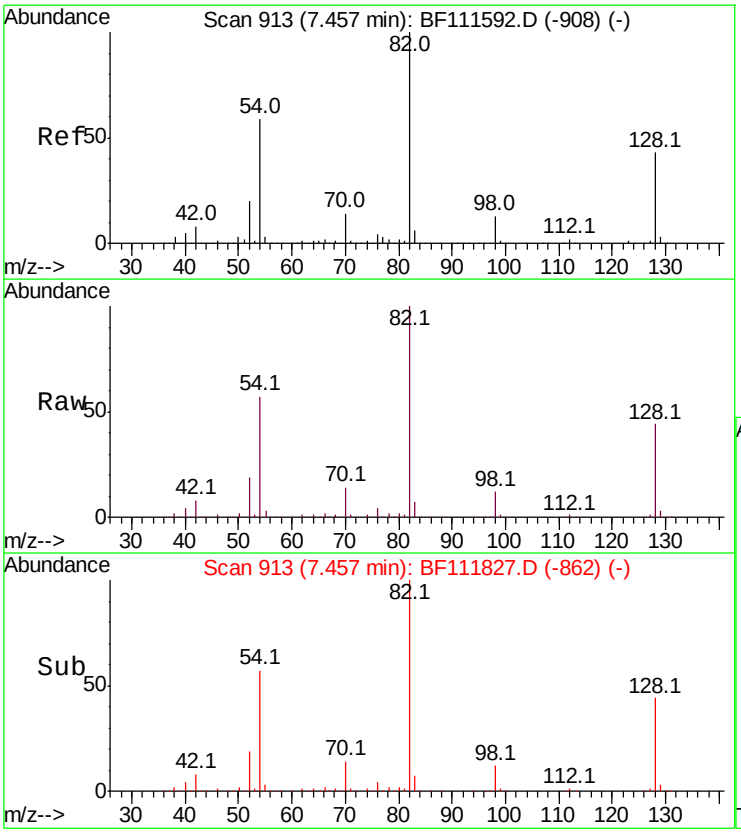
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:136 Resp: 808223

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.2	7.7	11.5
68	5.4	4.9	7.3

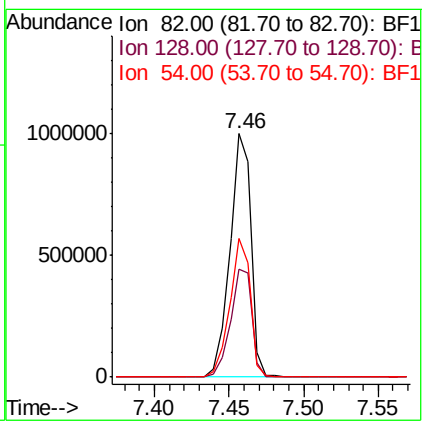


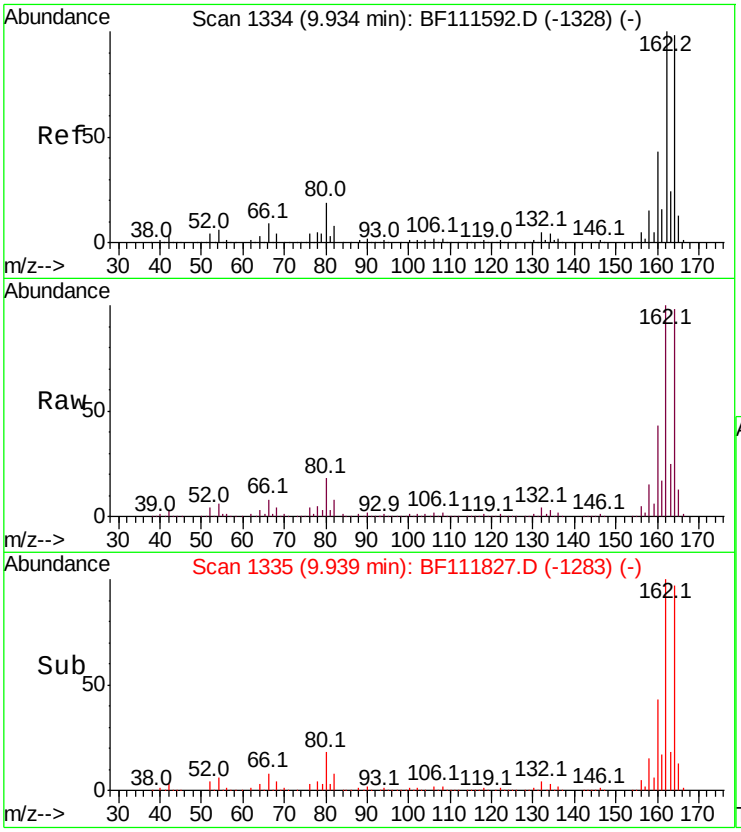


#23
Nitrobenzene-d5
Concen: 71.711 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Tgt Ion: 82 Resp: 995716

Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.4	56.2
54	57.0	47.6	71.4



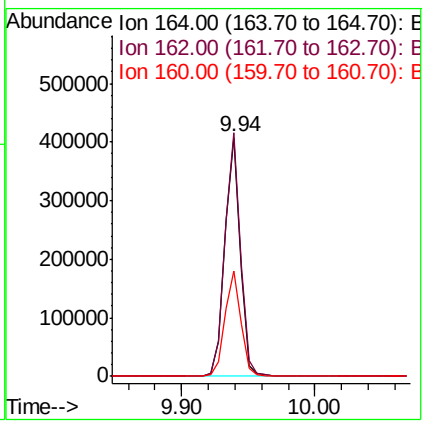


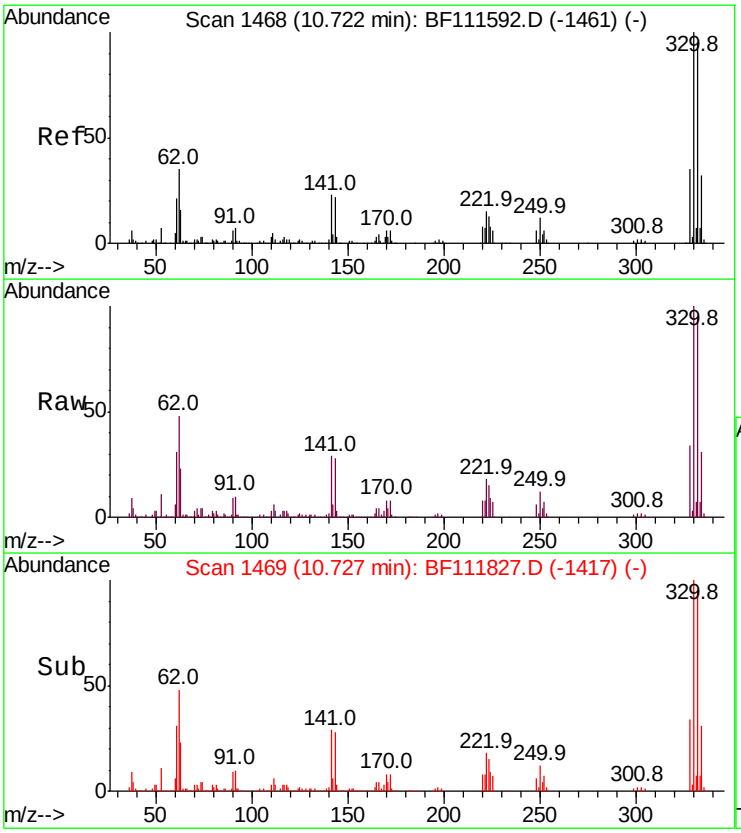
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:164 Resp: 334941

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.0
160	44.2	35.7	53.5

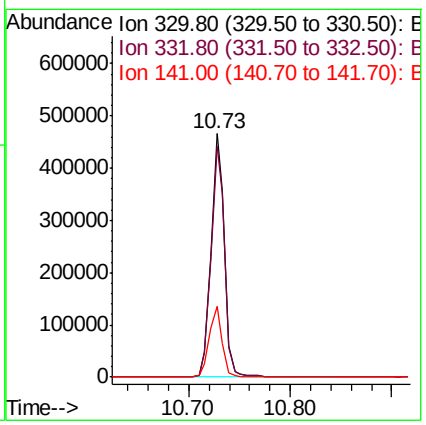


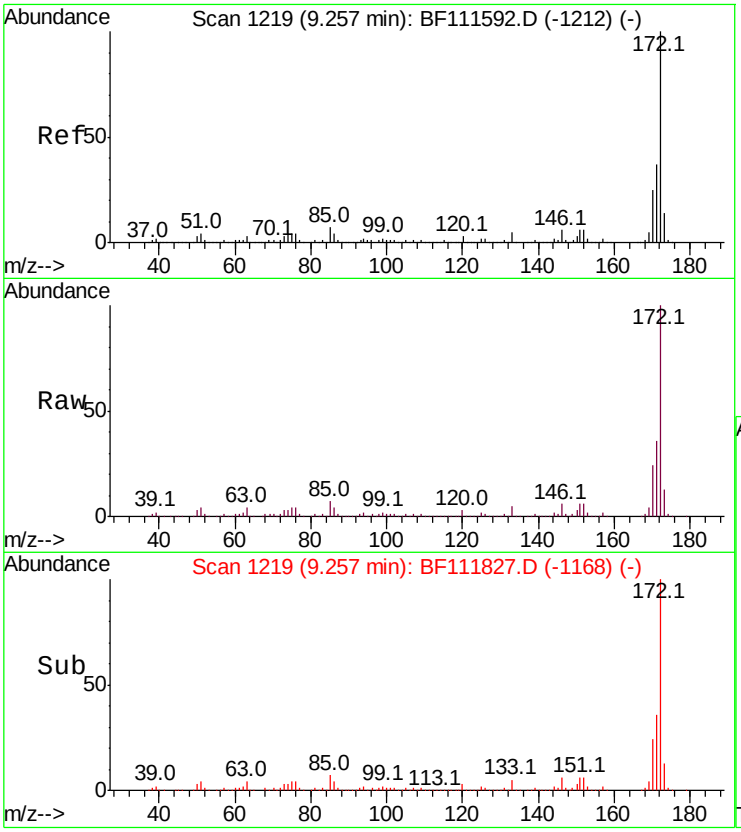


#42
2,4,6-Tribromophenol
Concen: 106.969 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Tgt Ion:330 Resp: 423339

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	28.2	31.0	46.6#



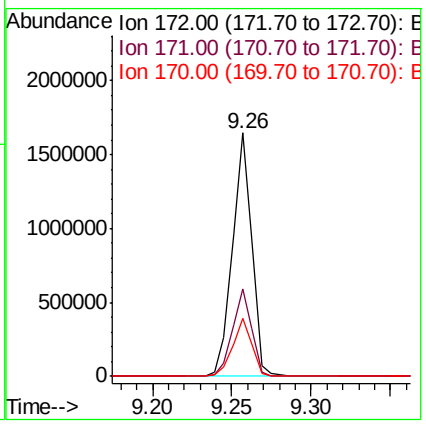


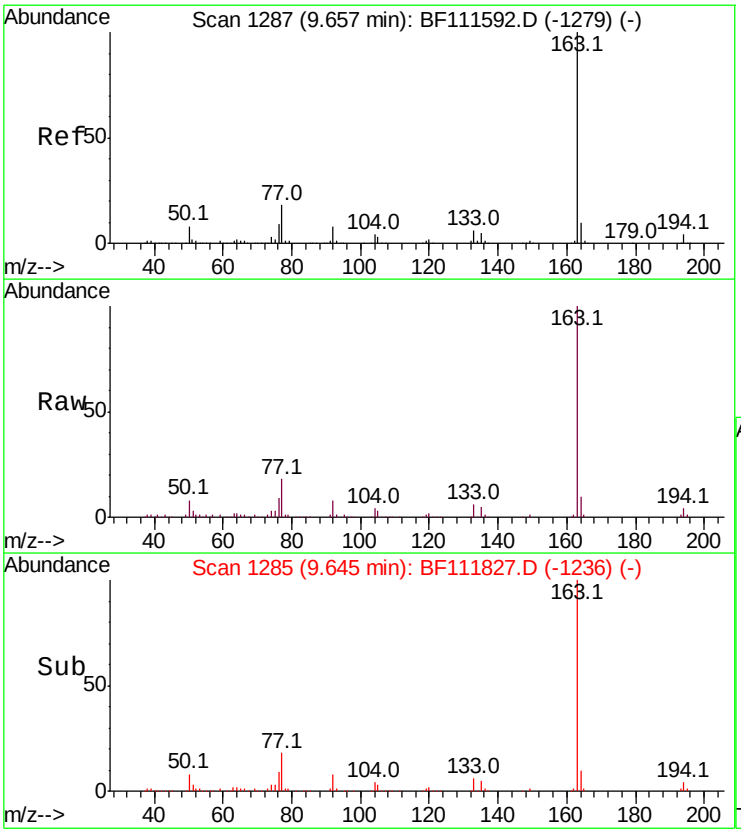
#45
2-Fluorobiphenyl
Concen: 60.760 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:172 Resp: 1396225

Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	23.8	22.3	33.5

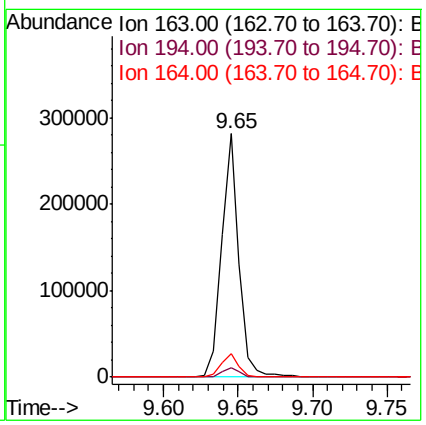


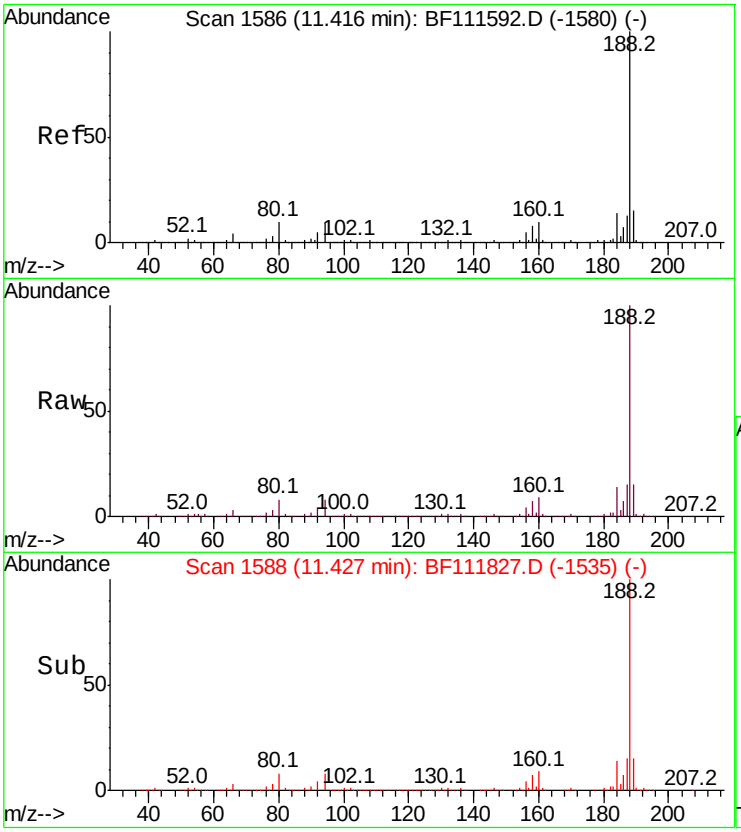


#50
Dimethylphthalate
Concen: 9.424 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Tgt Ion:163 Resp: 230836

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.8	8.9	13.3



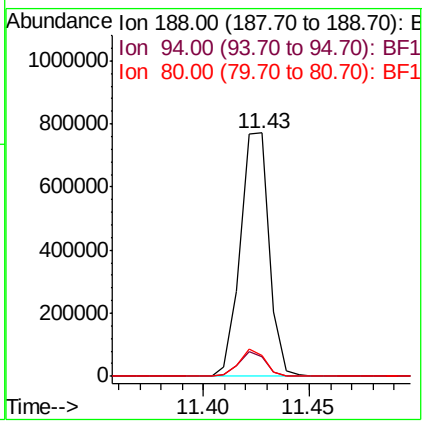


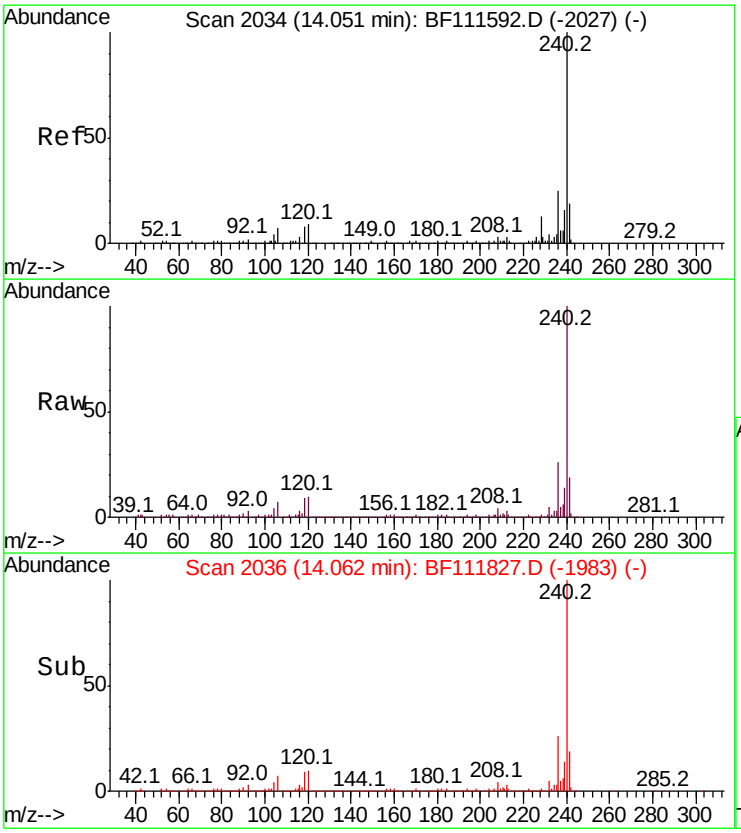
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:188 Resp: 731641

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.6	14.4#
80	8.4	9.8	14.6#

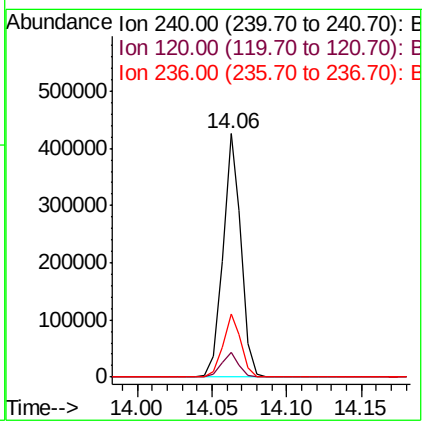


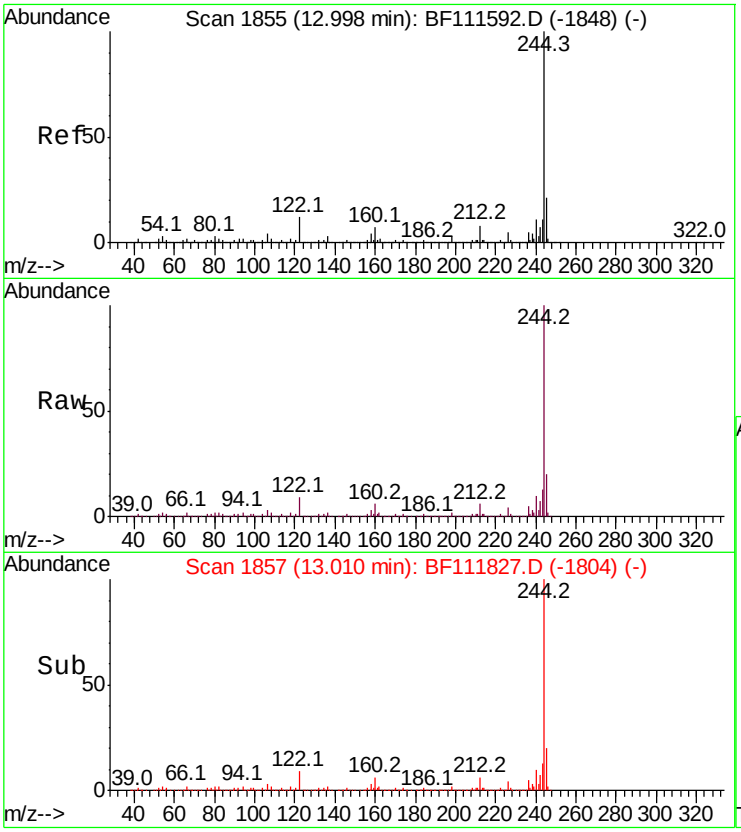


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Tgt Ion:240 Resp: 362966

Ion	Ratio	Lower	Upper
240	100		
120	9.9	12.2	18.2#
236	25.7	20.2	30.2



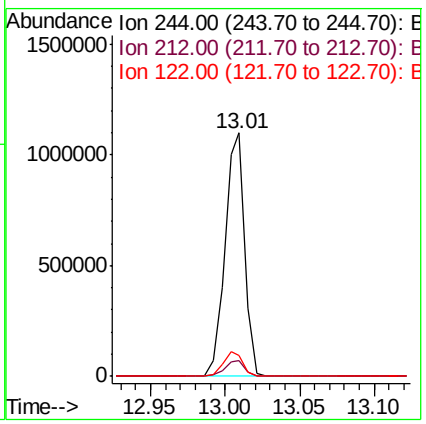


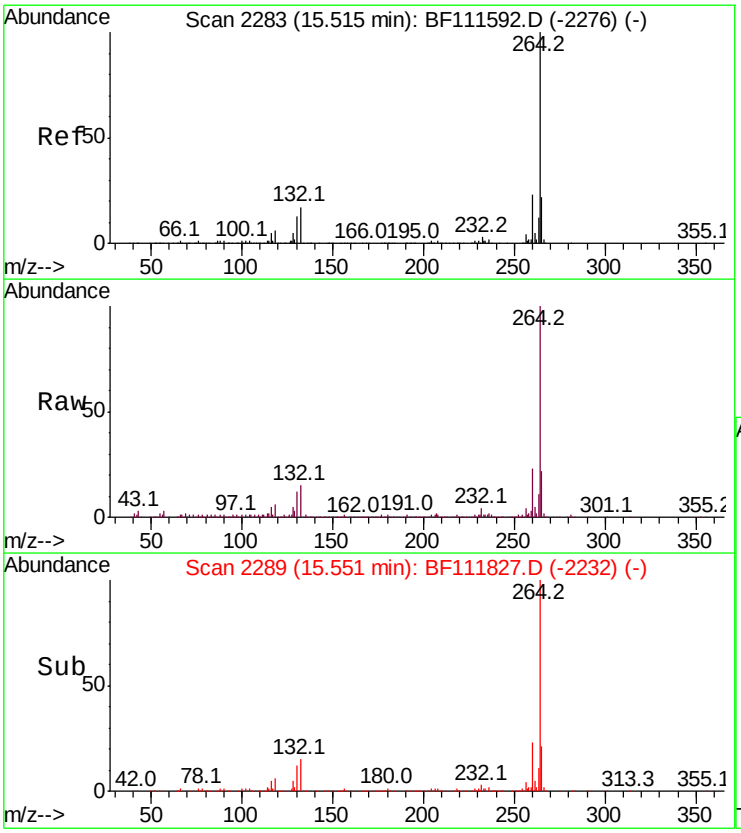
#79
Terphenyl-d14
Concen: 53.593 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:244 Resp: 1025743

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	8.8	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Tgt Ion:264 Resp: 276177

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.5	17.7	26.5