Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111618.D
Acq On : 20 Dec 2018 4:09
Operator : JU/SJ
Sample : J6386-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS005-0612-01

Quant Time: Dec 20 04:49:42 2018
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	180135	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	615388	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	294994	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	546273	20.00	ng	0.00
76) Chrysene-d12	14.04	240	496089	20.00	ng	0.00
87) Perylene-d12	15.52	264	368282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1383948	130.96	ng	0.01
7) Phenol-d6	6.53	99	1713752	127.42	ng	0.00
23) Nitrobenzene-d5	7.45	82	1059239	100.19	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	480658	137.90	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1877450	92.77	ng	0.00
79) Terphenyl-d14	13.00	244	2012192	76.92	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.53	94	101456	6.686	ng	94
50) Dimethylphthalate	9.64	163	183767	8.519	ng	99

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

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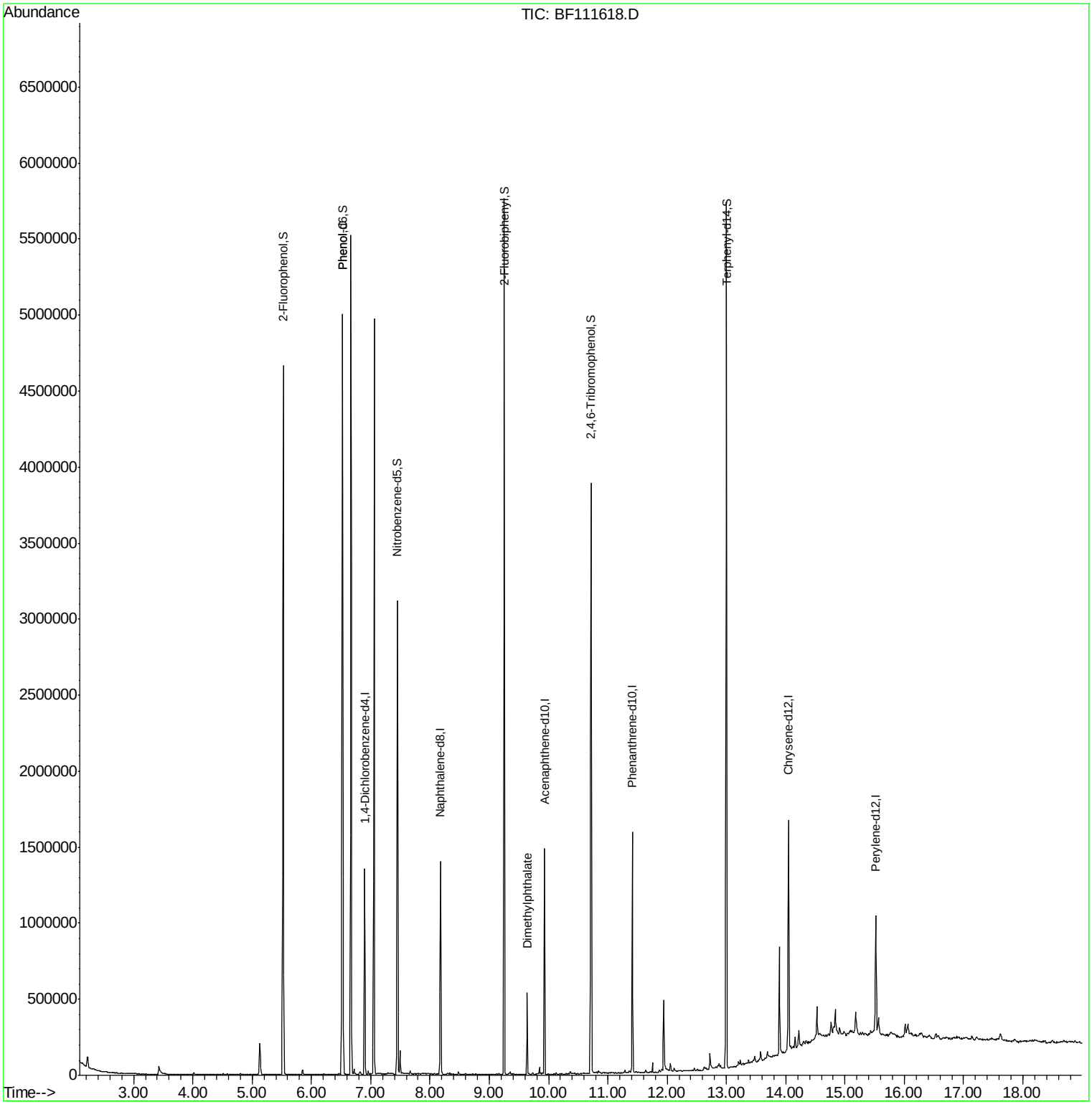
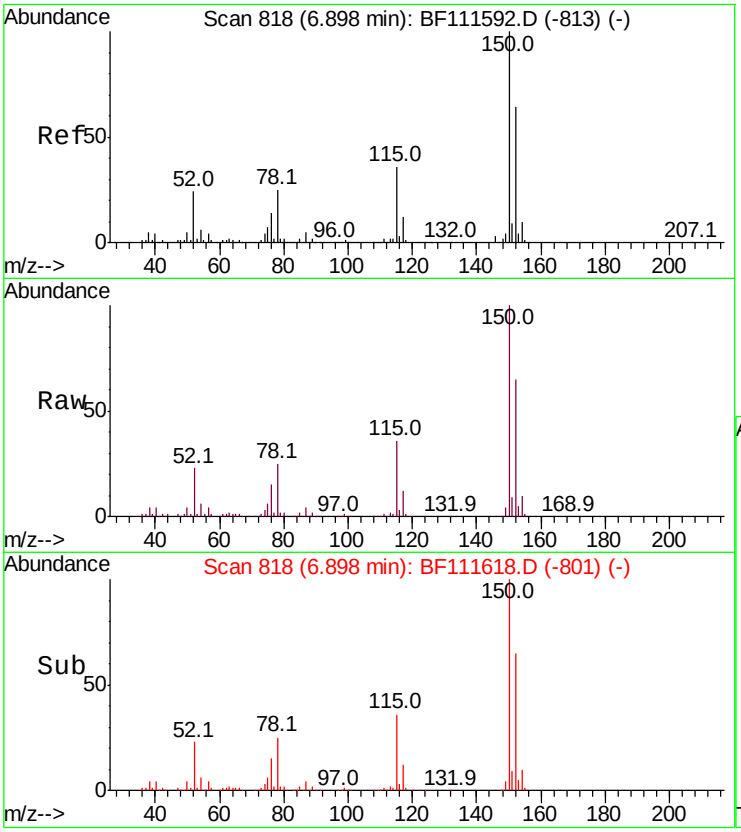


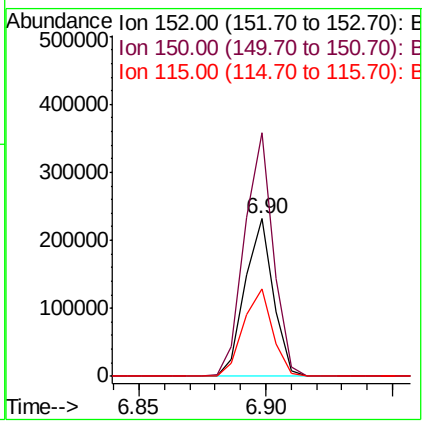


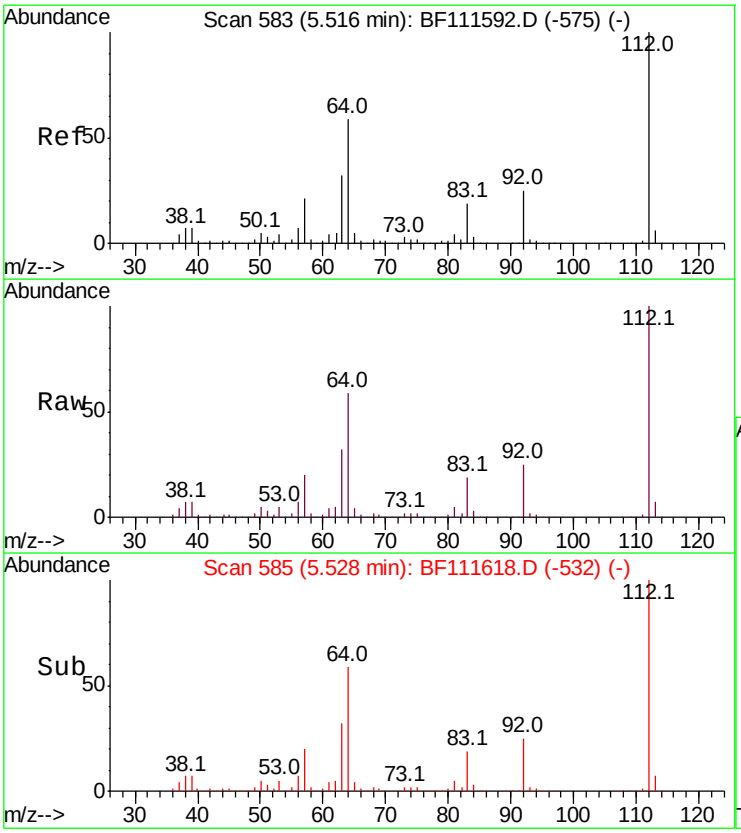
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:152 Resp: 180135

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.6	189.8
115	55.8	50.7	76.1

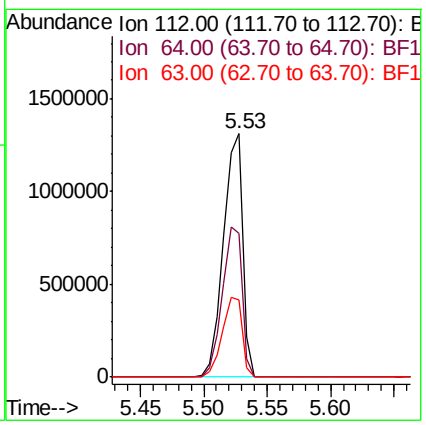


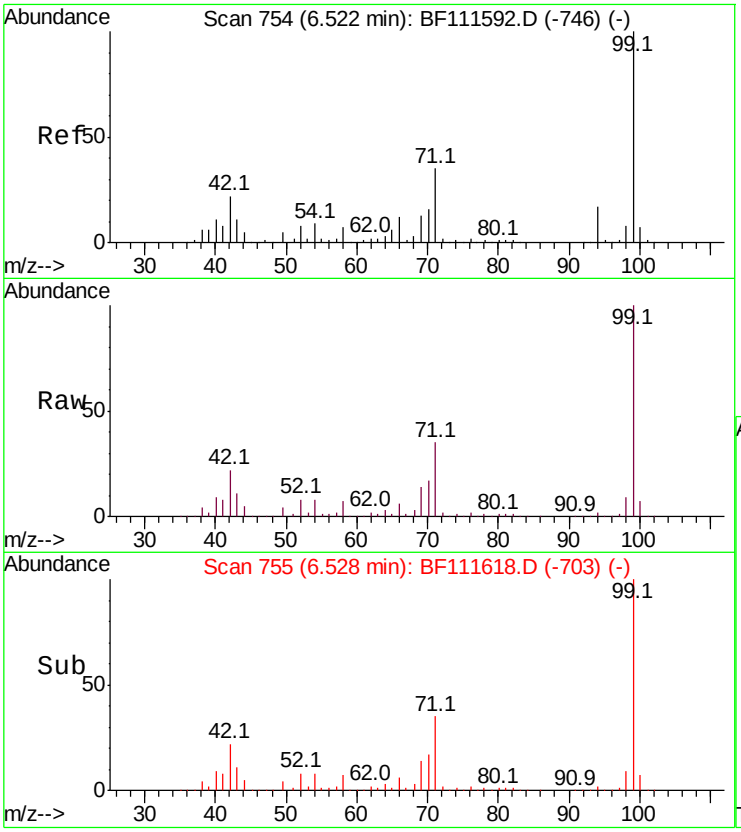


#5
2-Fluorophenol
Concen: 130.957 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Tgt Ion:112 Resp: 1383948

Ion	Ratio	Lower	Upper
112	100		
64	59.2	51.8	77.6
63	31.9	26.8	40.2



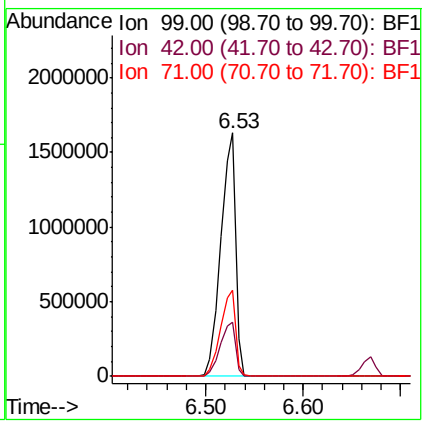


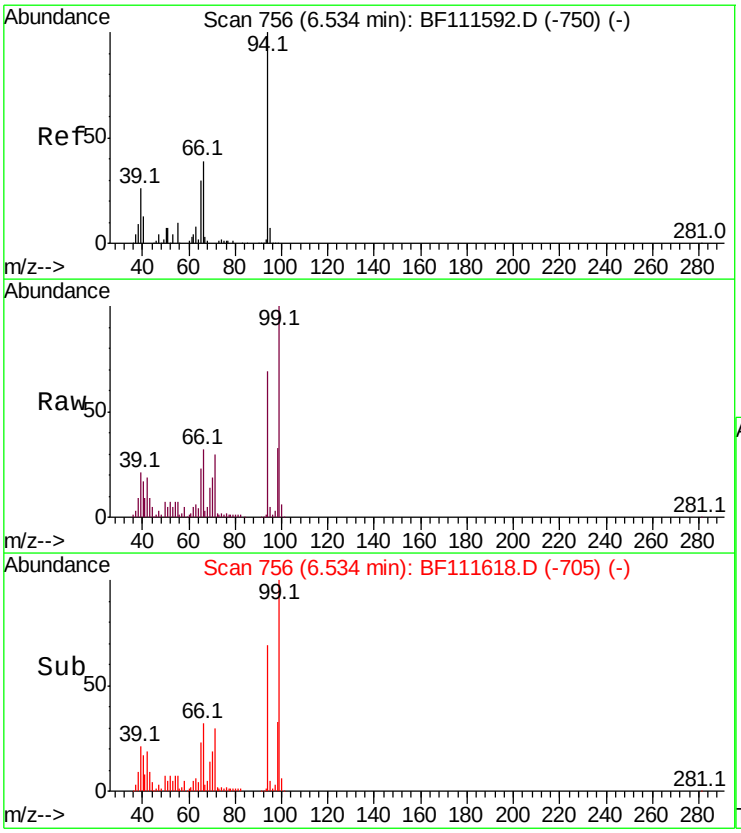
#7
Phenol-d6
Concen: 127.423 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion: 99 Resp: 1713752

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.4	26.0
71	35.3	26.1	39.1

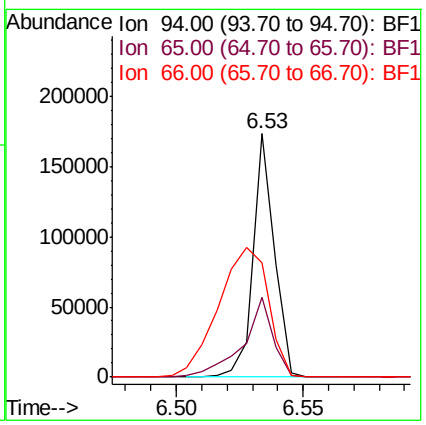


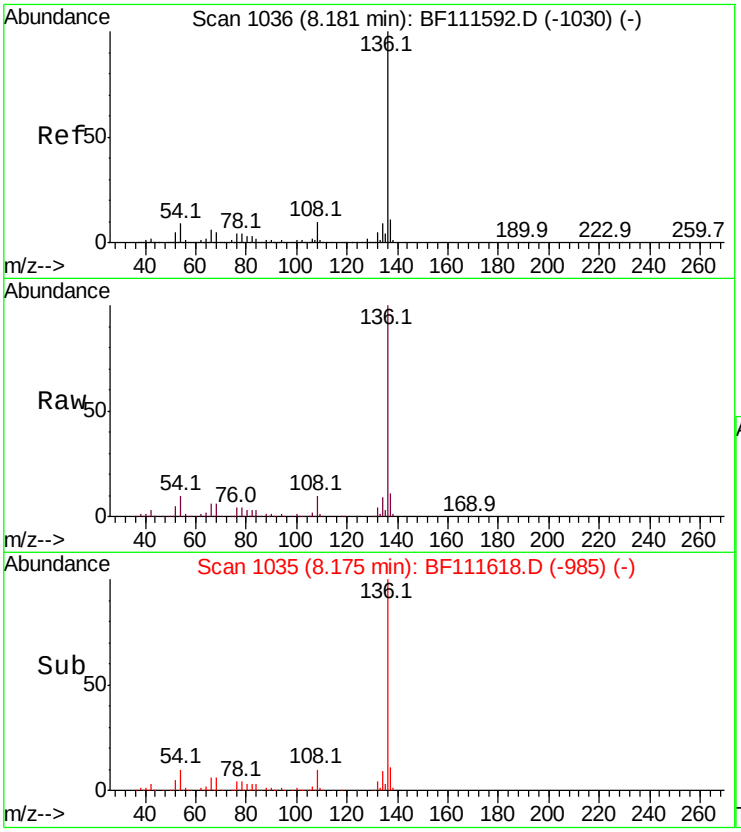


#10
Phenol
Concen: 6.686 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Tgt Ion: 94 Resp: 101456

Ion	Ratio	Lower	Upper
94	100		
65	32.8	11.7	51.7
66	46.9	21.0	61.0

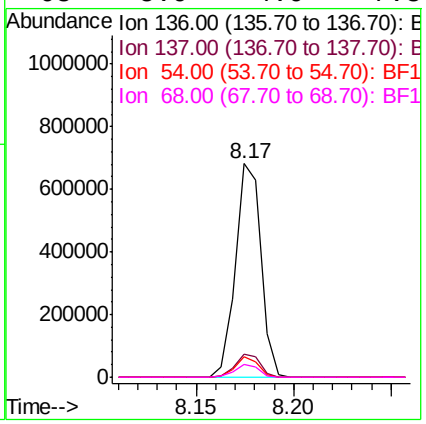




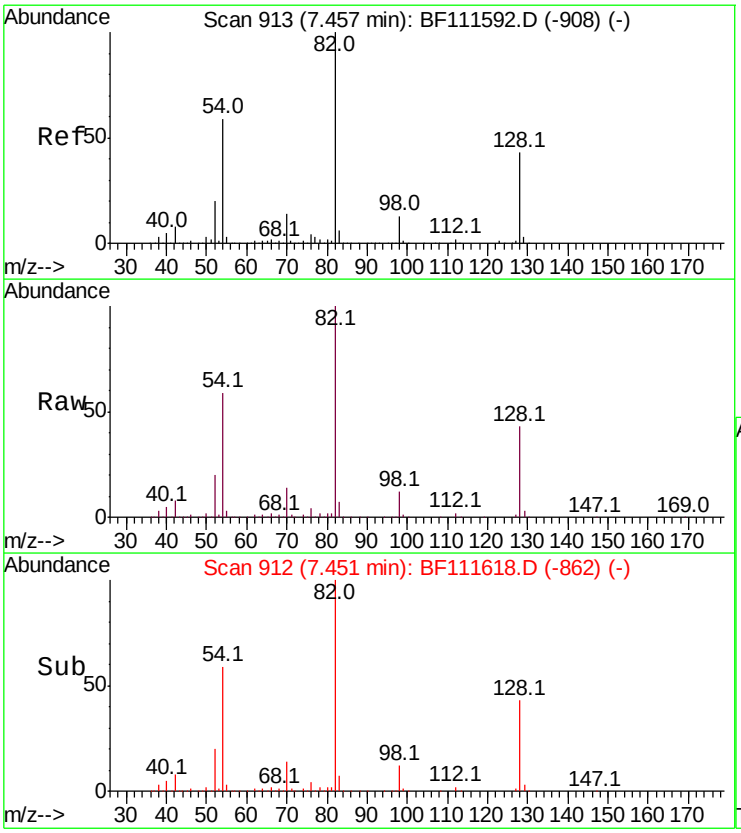
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Tgt Ion:136 Resp: 615388

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.8	7.7	11.5
68	5.9	4.9	7.3



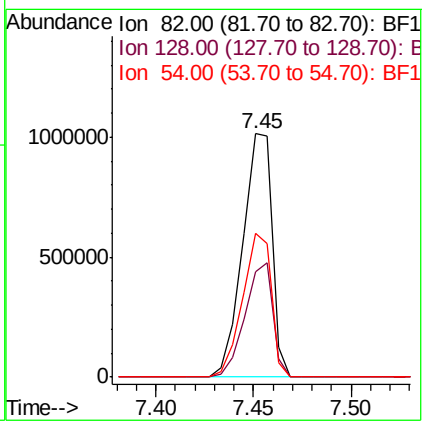
Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

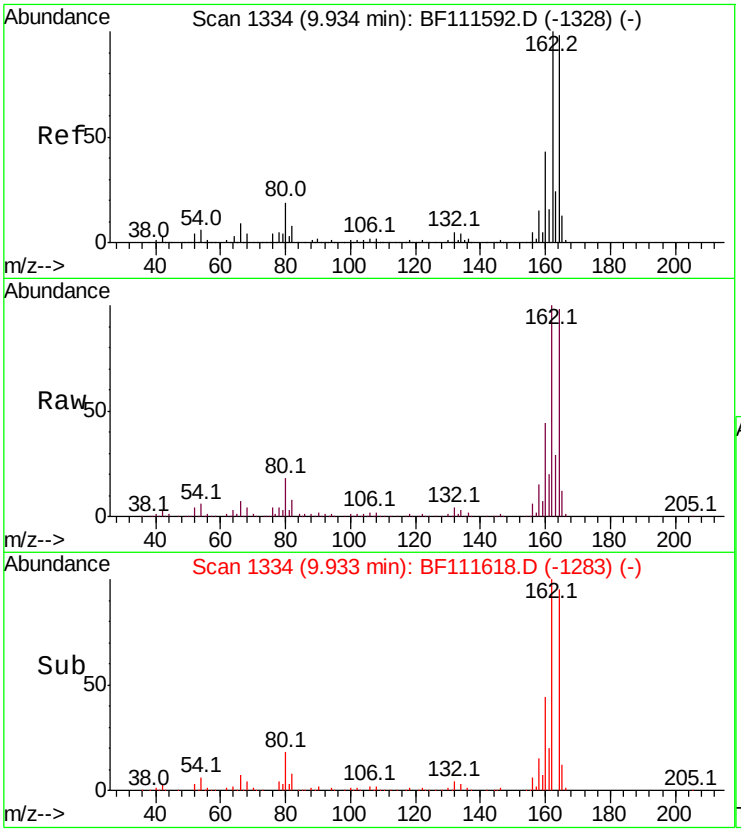


#23
Nitrobenzene-d5
Concen: 100.190 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Tgt Ion: 82 Resp: 1059239

Ion	Ratio	Lower	Upper
82	100		
128	43.4	37.4	56.2
54	59.2	47.6	71.4



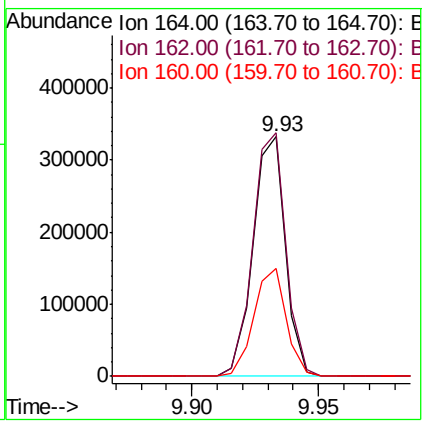


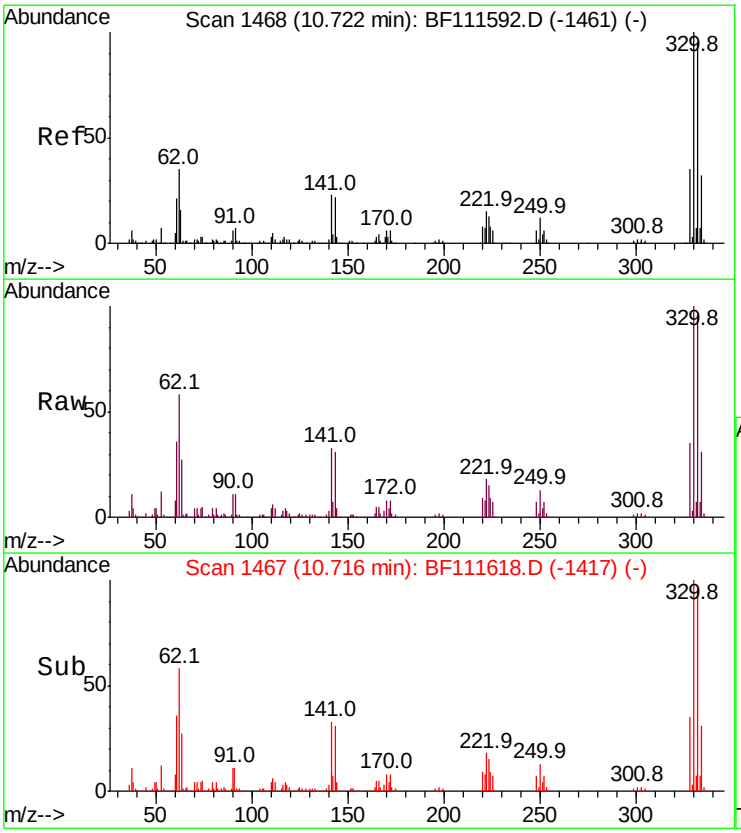
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:164 Resp: 294994

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	45.0	35.7	53.5

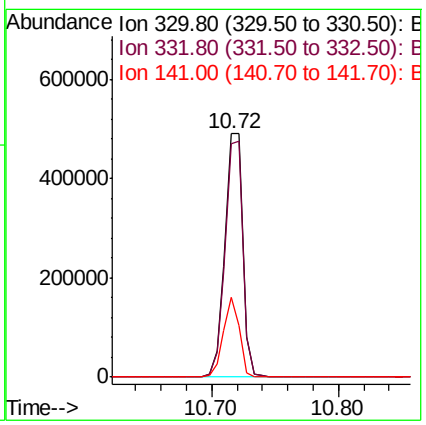


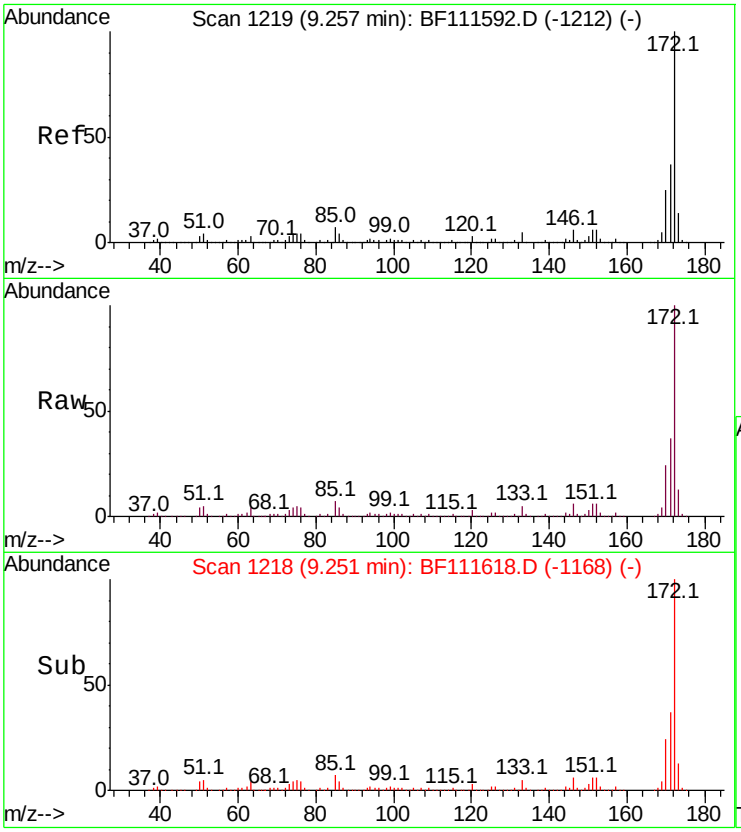


#42
2,4,6-Tribromophenol
Concen: 137.899 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Tgt Ion:330 Resp: 480658

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	29.8	31.0	46.6#



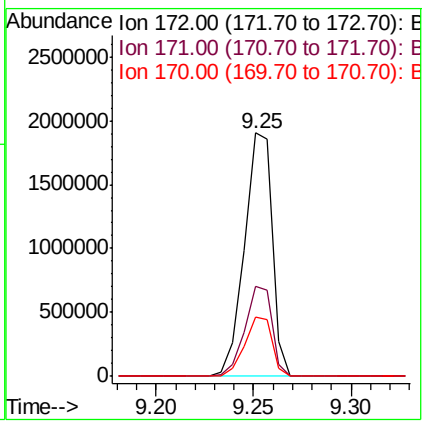


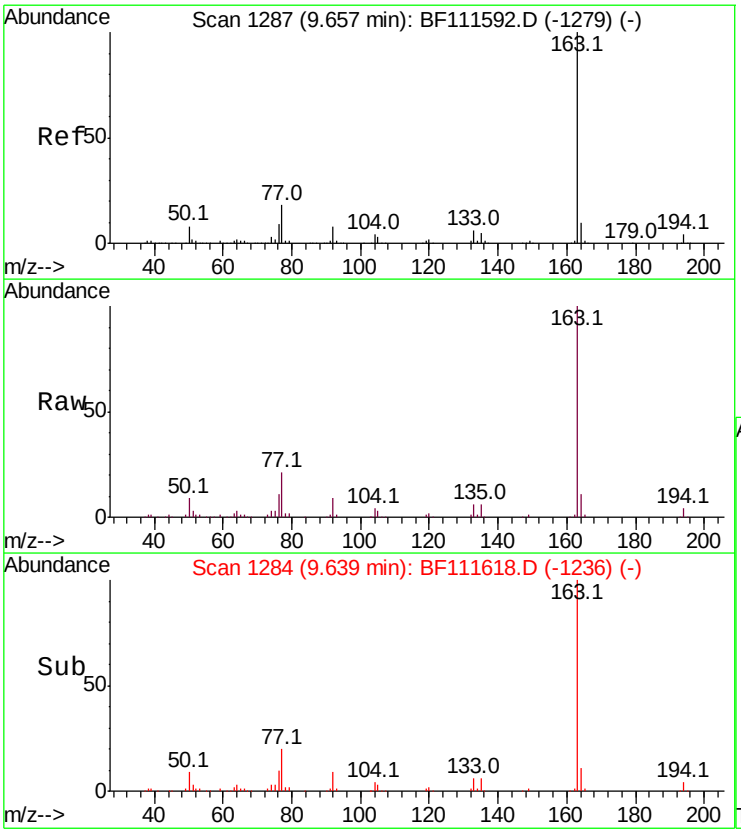
#45
2-Fluorobiphenyl
Concen: 92.765 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:172 Resp: 1877450

Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.0	49.4
170	24.3	22.3	33.5

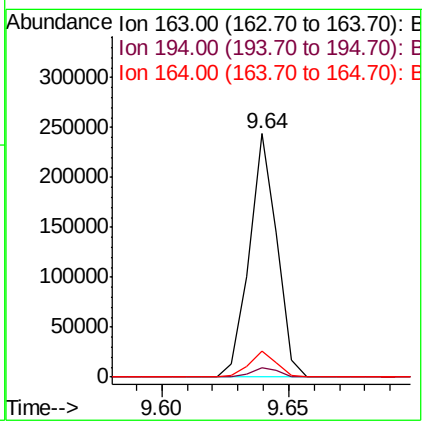


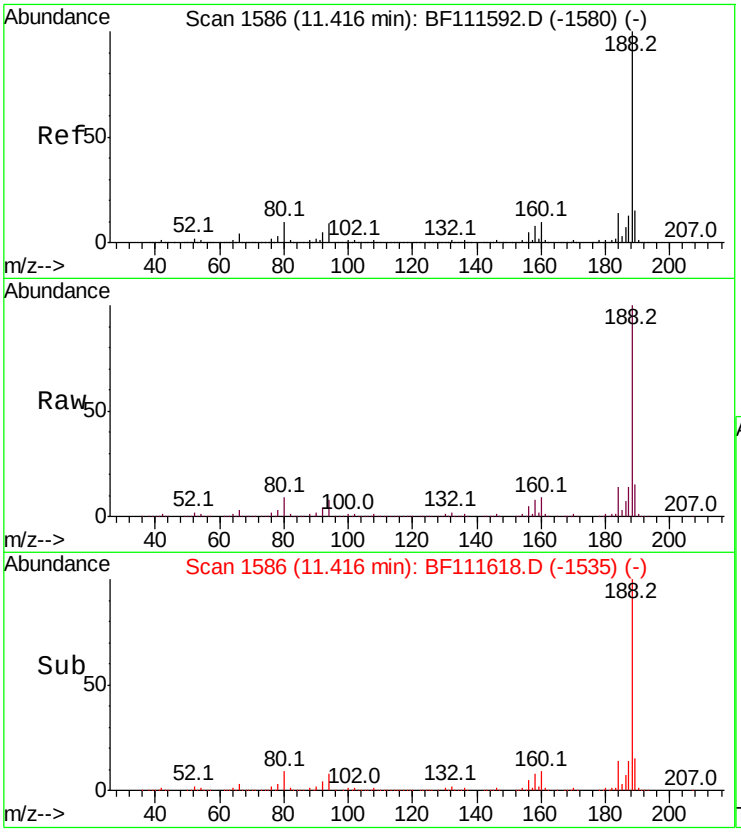


#50
Dimethylphthalate
Concen: 8.519 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Tgt Ion:163 Resp: 183767

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.5	8.9	13.3



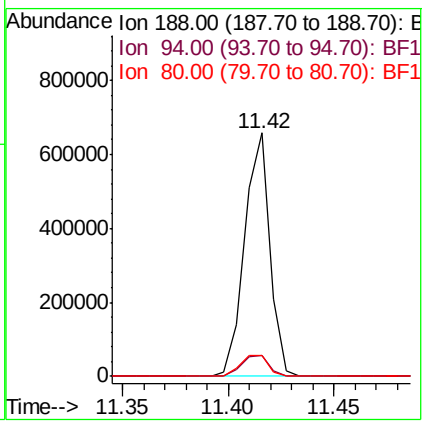


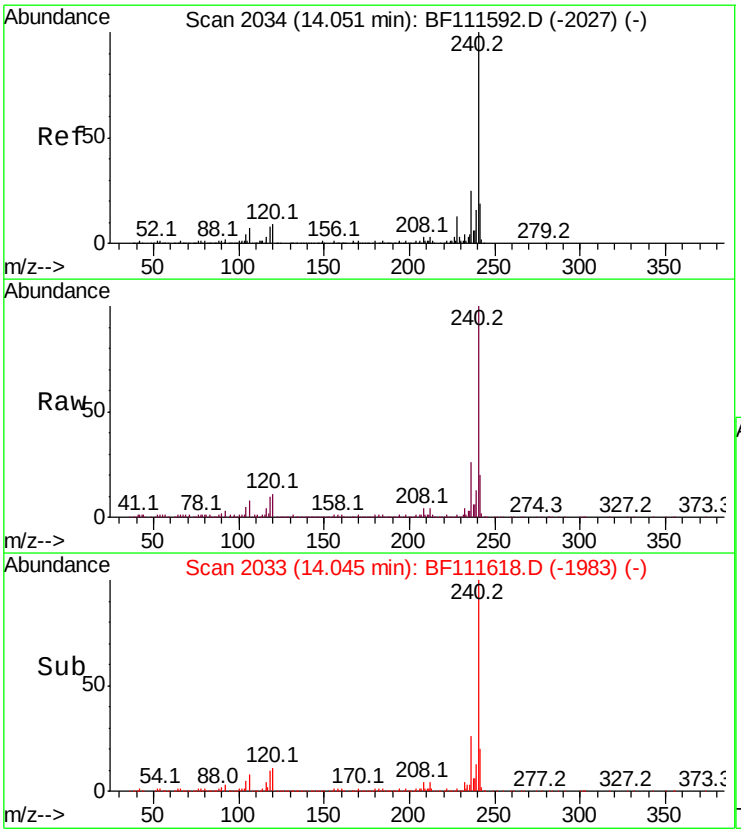
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:188 Resp: 546273

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.6	14.4#
80	8.8	9.8	14.6#

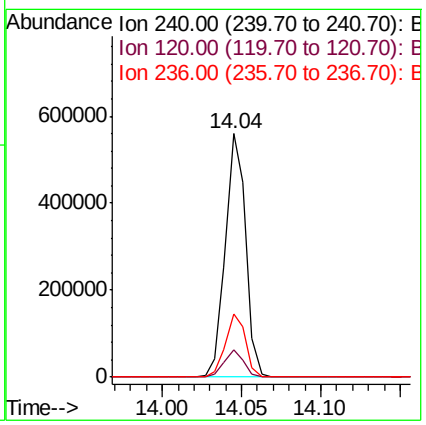


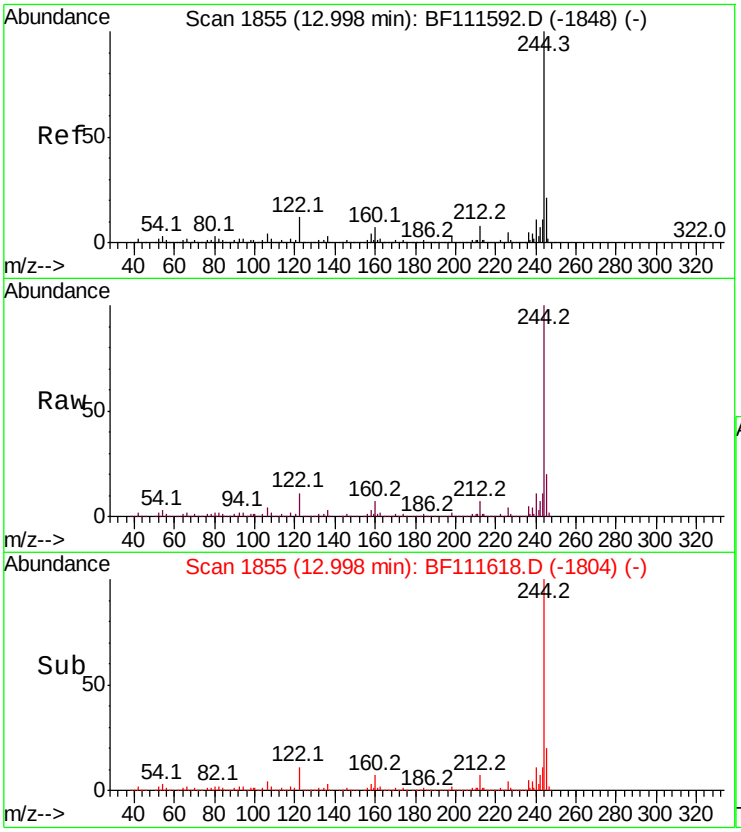


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Tgt Ion:240 Resp: 496089

Ion	Ratio	Lower	Upper
240	100		
120	11.3	12.2	18.2#
236	25.8	20.2	30.2



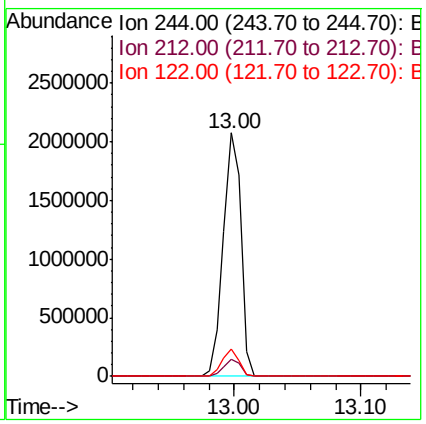


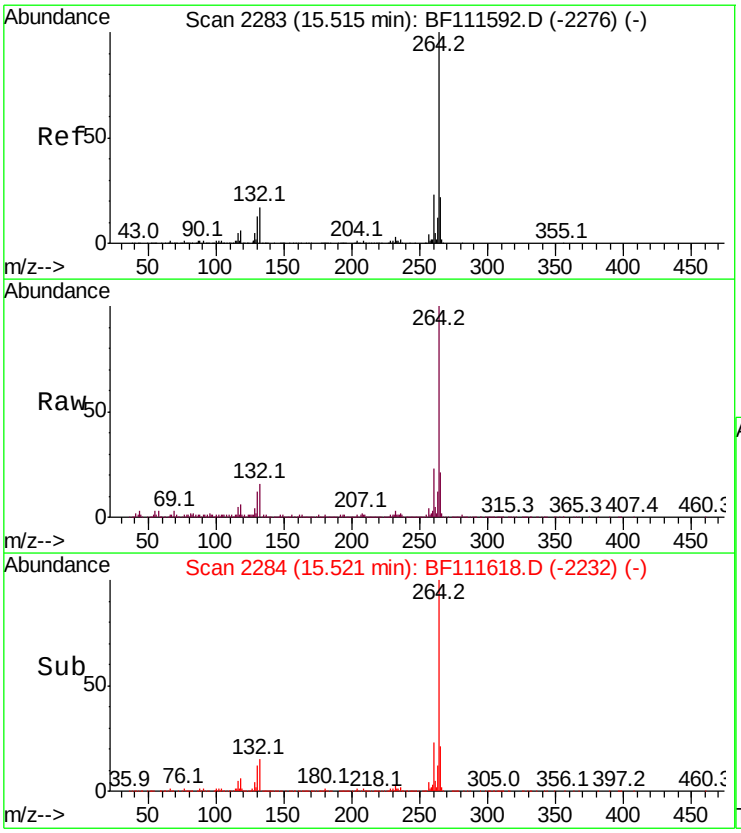
#79
Terphenyl-d14
Concen: 76.921 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:244 Resp: 2012192

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.2	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Tgt Ion:264 Resp: 368282

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.1	17.7	26.5