Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
Data File : BF111659.D
Acq On : 21 Dec 2018 00:41
Operator : JU/SJ
Sample : J6447-03 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS024-0612-01

Quant Time: Dec 21 06:23:38 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	190946	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	711926	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	305179	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	479404	20.00	ng	0.00
76) Chrysene-d12	14.04	240	500120	20.00	ng	0.00
87) Perylene-d12	15.52	264	378497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	25087	2.24	ng	-0.01
7) Phenol-d6	6.51	99	30878	2.17	ng	-0.01
23) Nitrobenzene-d5	7.45	82	16805	1.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	5421	1.50	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	36137	1.73	ng	0.00
79) Terphenyl-d14	12.99	244	31617	1.20	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	9.93	165	39484	8.873	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	39484	7.383	ng	# 24

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
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P001-SS024-0612-01

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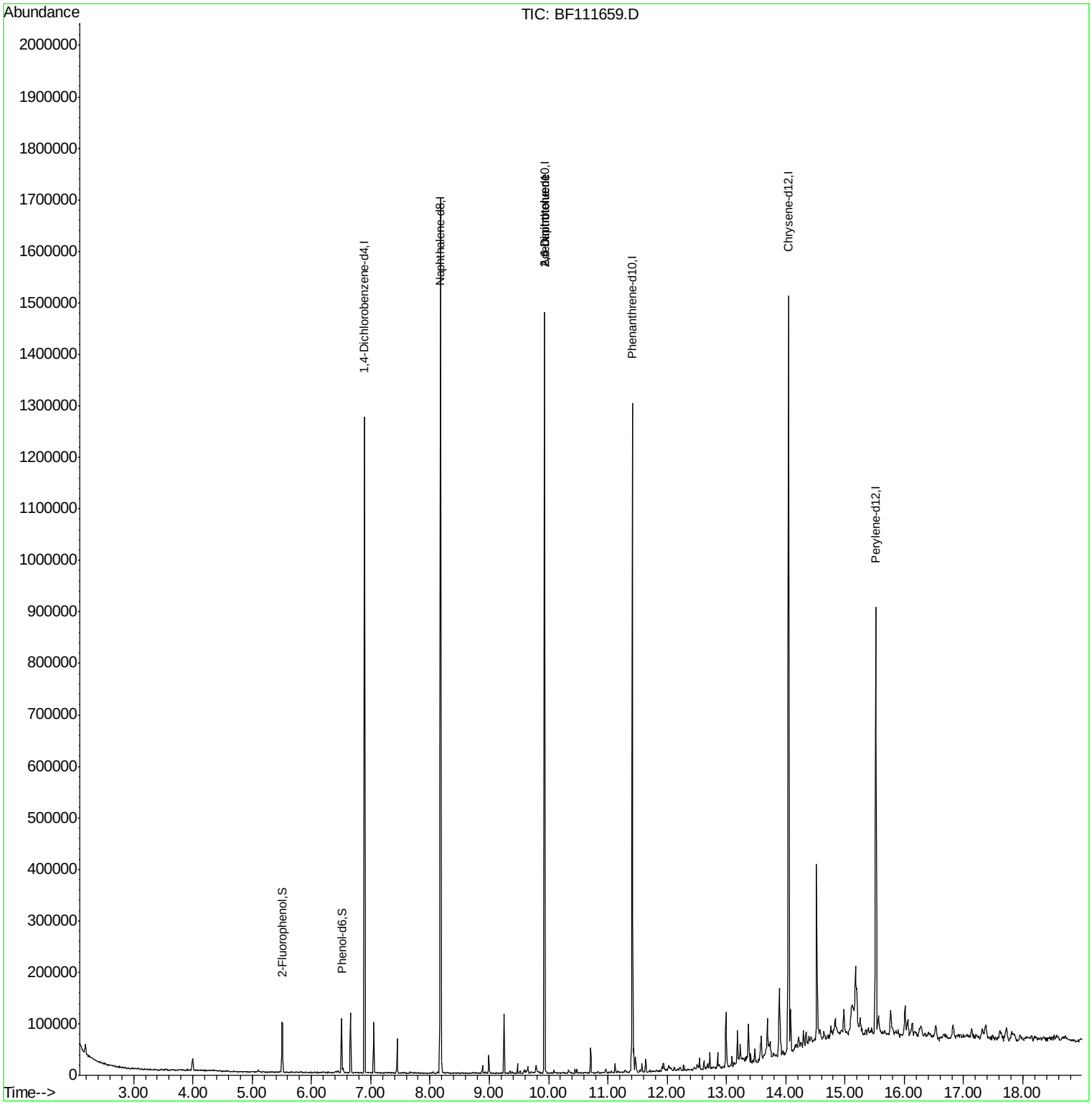
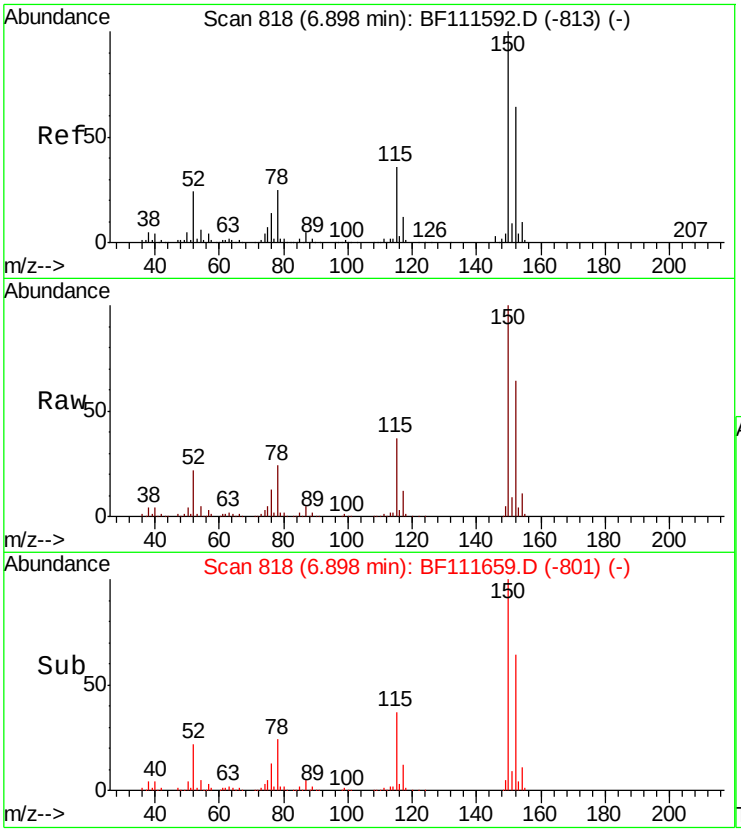


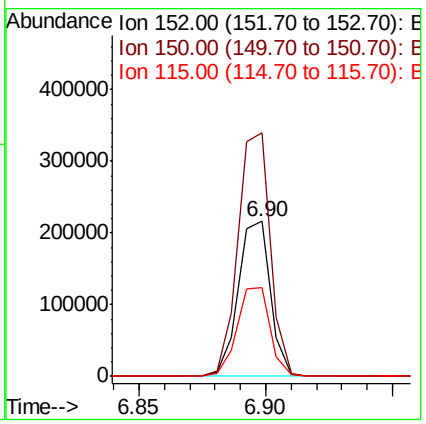


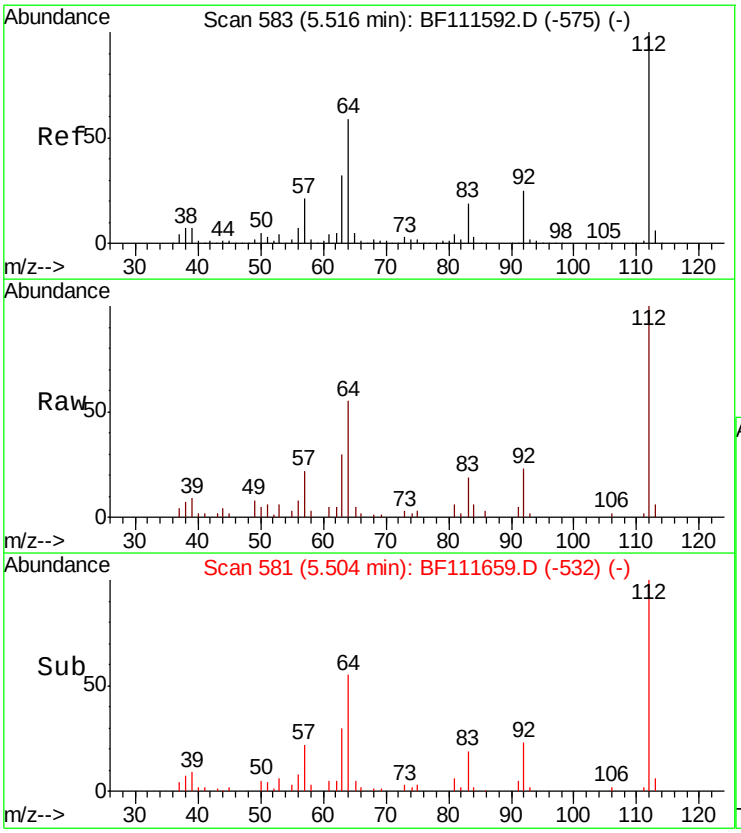
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

Tgt Ion:152 Resp: 190946

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	57.5	50.7	76.1

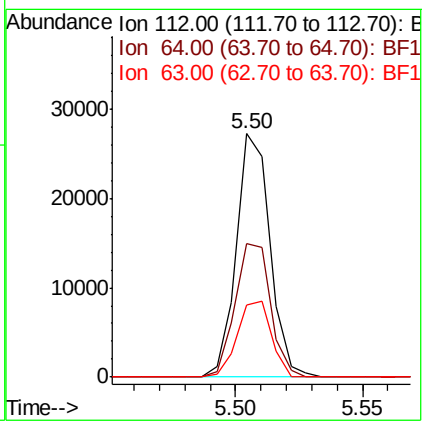


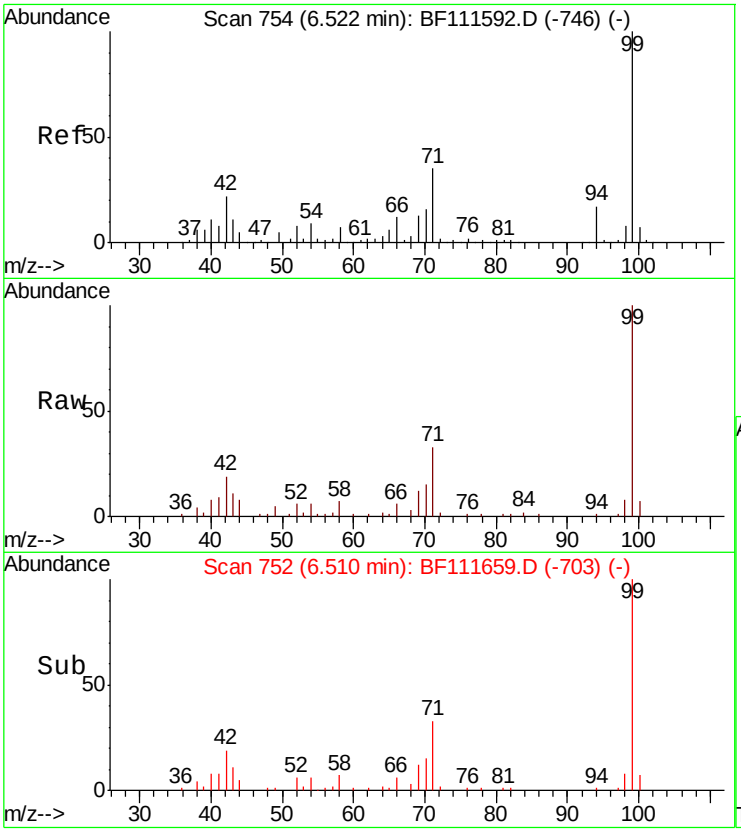


#5
2-Fluorophenol
Concen: 2.239 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Tgt Ion:112 Resp: 25087

Ion	Ratio	Lower	Upper
112	100		
64	54.9	51.8	77.6
63	29.8	26.8	40.2



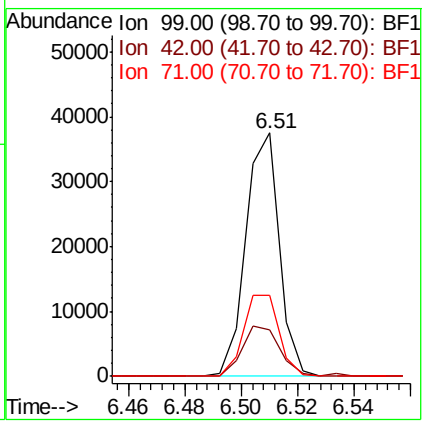


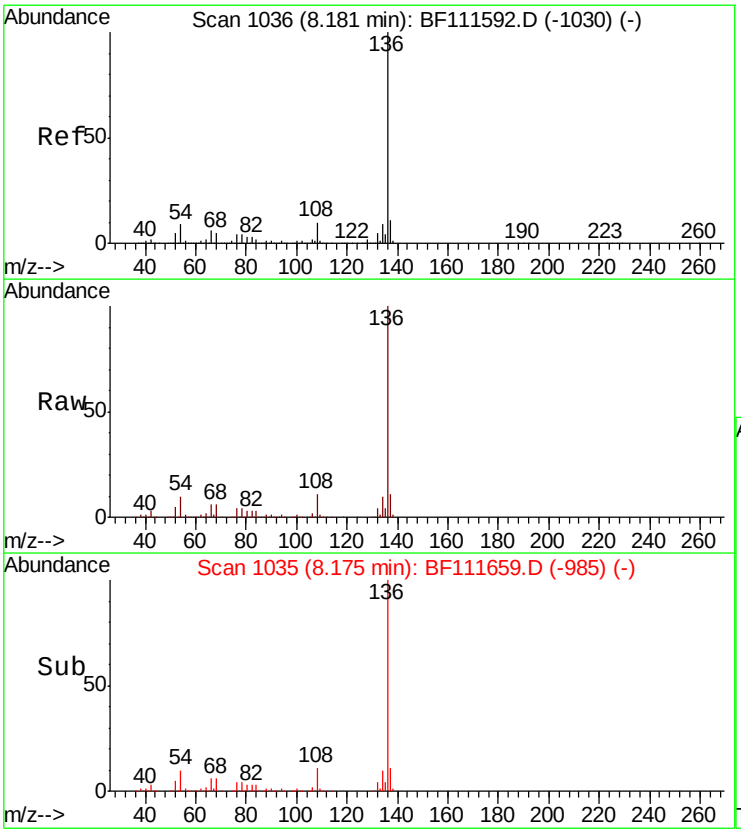
#7
Phenol-d6
Concen: 2.166 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

Tgt Ion: 99 Resp: 30878

Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.4	26.0
71	33.2	26.1	39.1

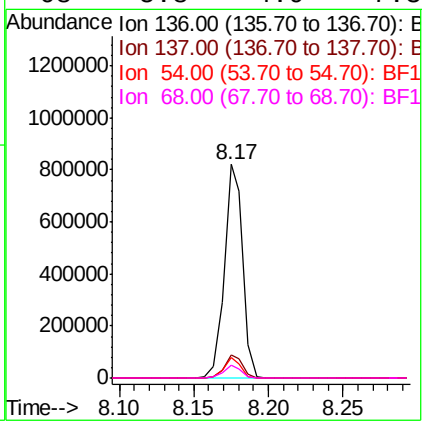


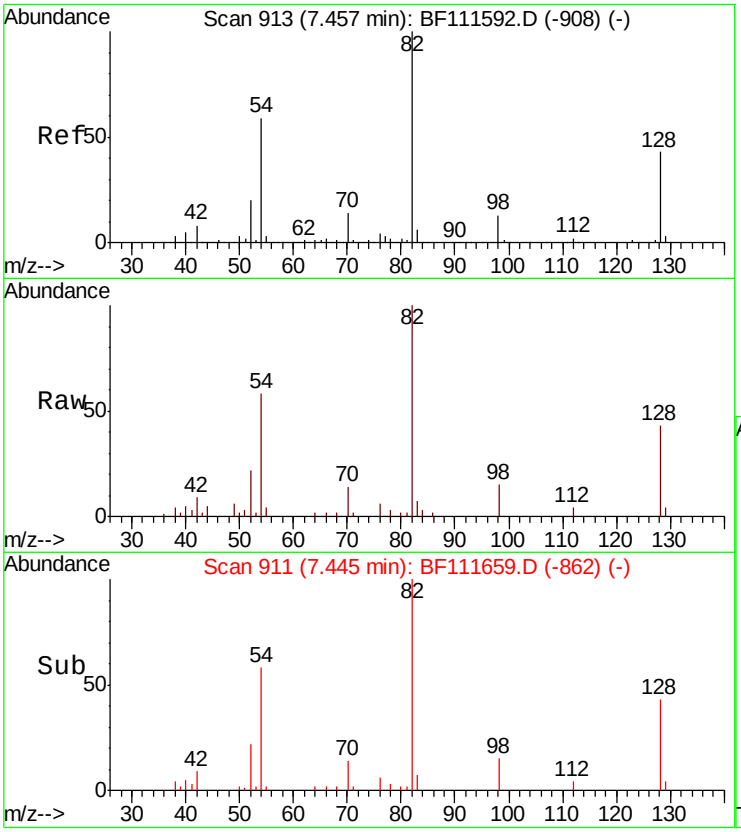


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Tgt Ion:136 Resp: 711926

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.7	7.7	11.5
68	5.8	4.9	7.3



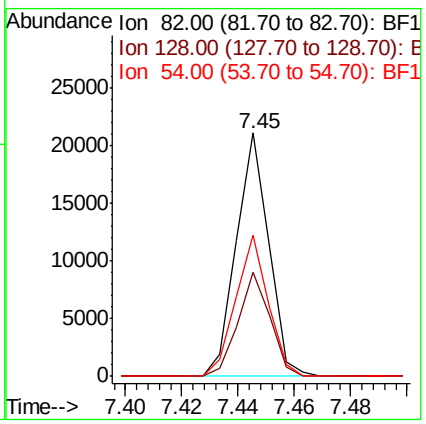


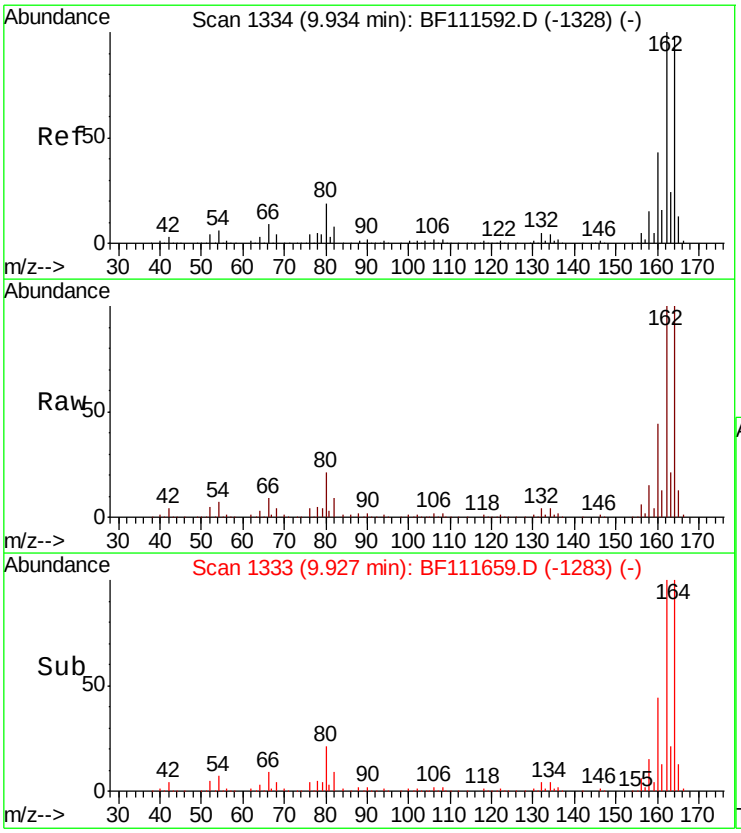
#23
Nitrobenzene-d5
Concen: 1.374 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

Tgt Ion: 82 Resp: 16805

Ion	Ratio	Lower	Upper
82	100		
128	42.6	37.4	56.2
54	58.3	47.6	71.4

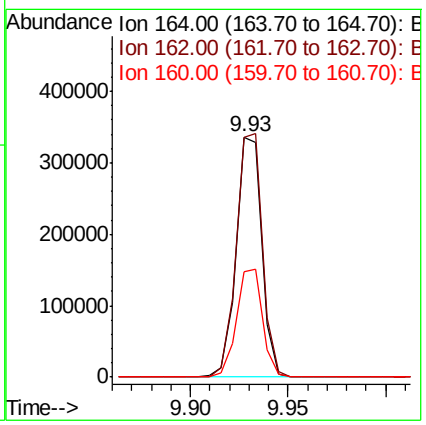


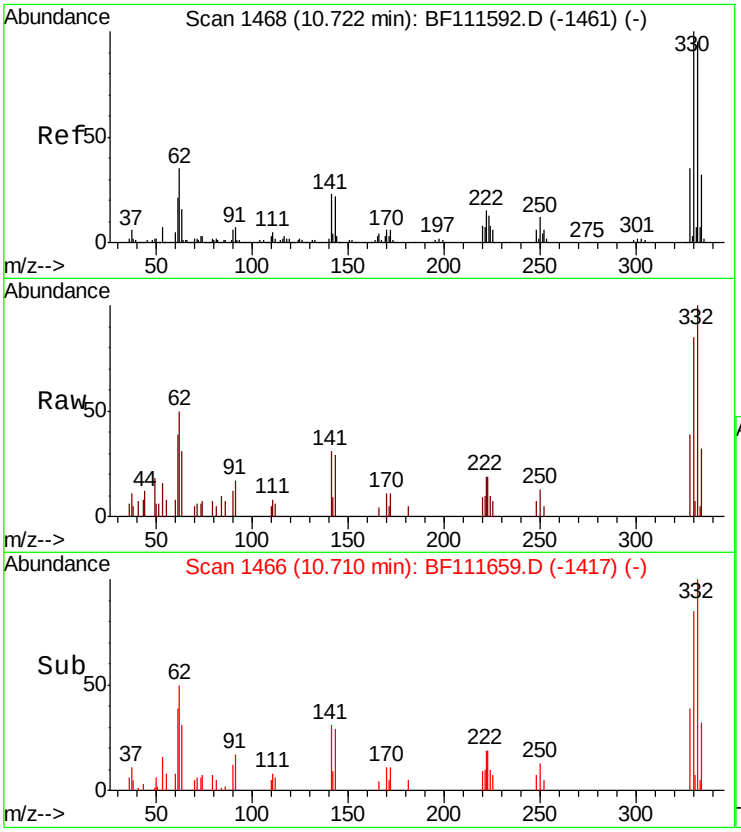


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Tgt Ion:164 Resp: 305179

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.4	122.0
160	43.9	35.7	53.5



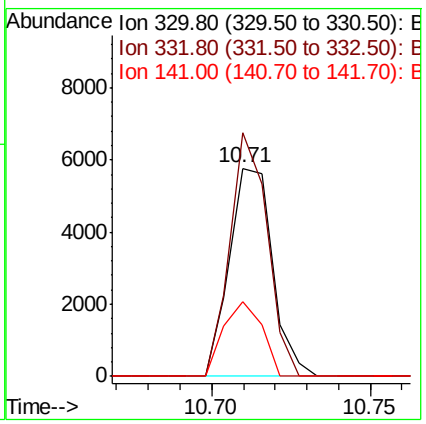


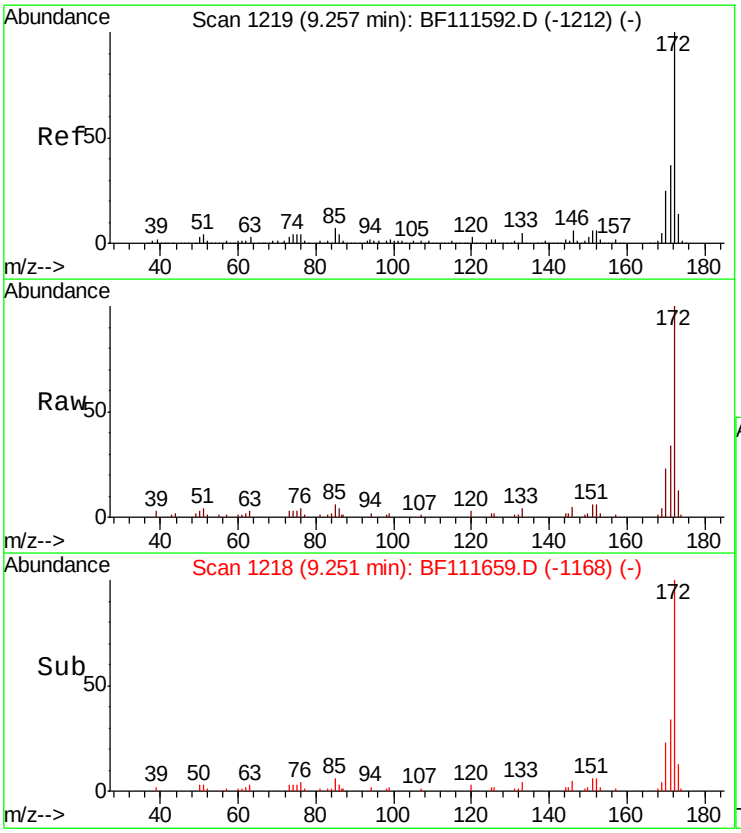
#42
2,4,6-Tribromophenol
Concen: 1.503 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

Tgt Ion:330 Resp: 5421

Ion	Ratio	Lower	Upper
330	100		
332	100.9	76.0	114.0
141	32.0	31.0	46.6

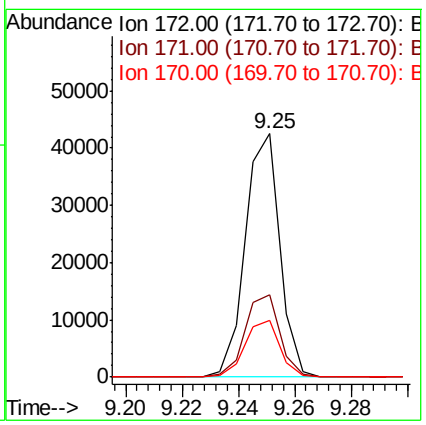


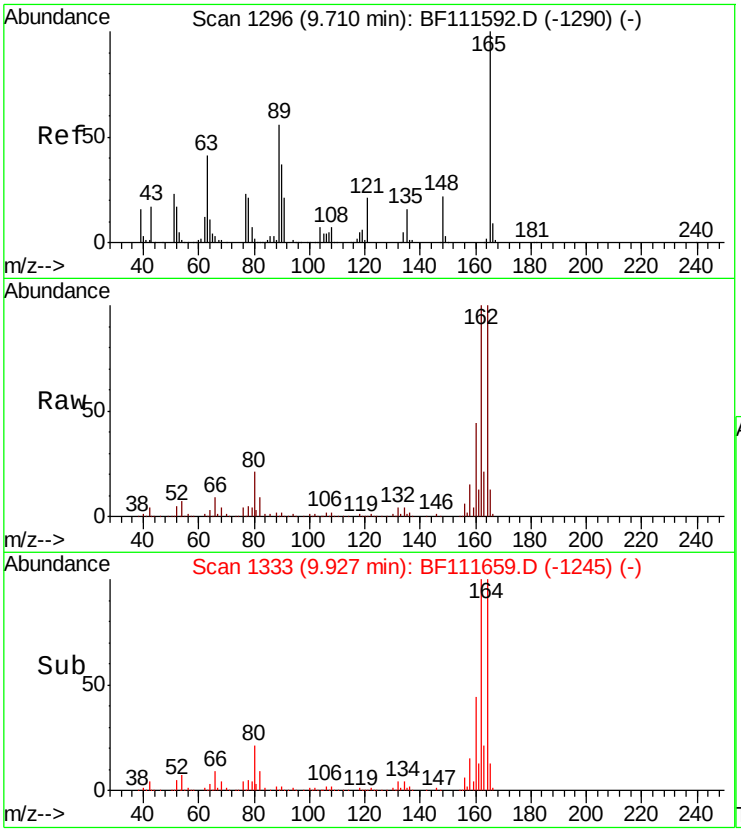


#45
2-Fluorobiphenyl
Concen: 1.726 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Tgt Ion:172 Resp: 36137

Ion	Ratio	Lower	Upper
172	100		
171	33.9	33.0	49.4
170	23.2	22.3	33.5



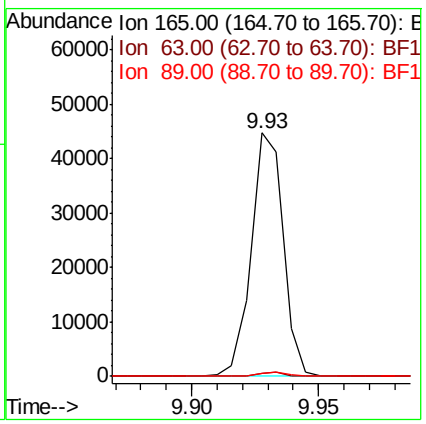


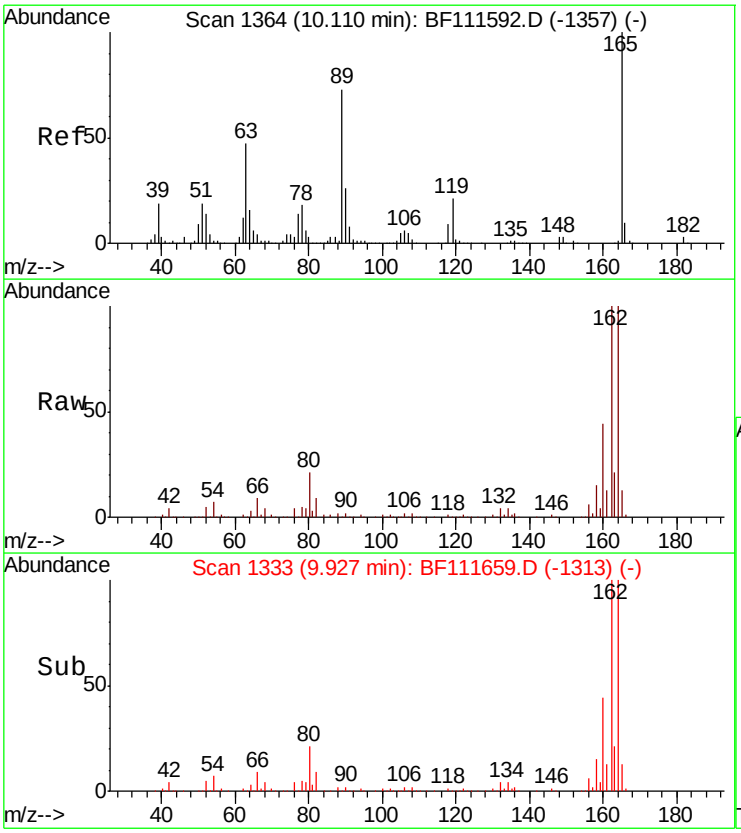
#51
2,6-Dinitrotoluene
Concen: 8.873 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

Tgt Ion:165 Resp: 39484

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.5	60.7#
89	1.3	40.0	60.0#

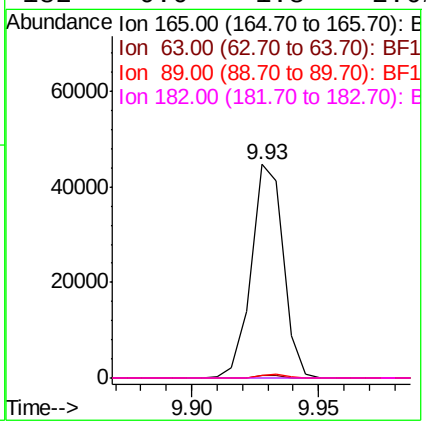


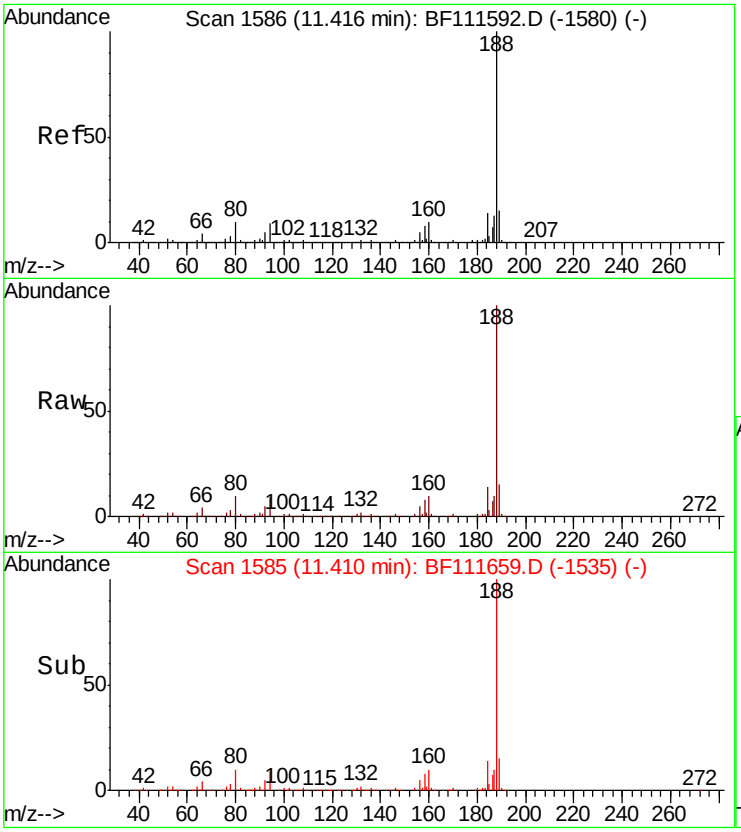


#57
2,4-Dinitrotoluene
Concen: 7.383 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Tgt Ion:165 Resp: 39484

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#



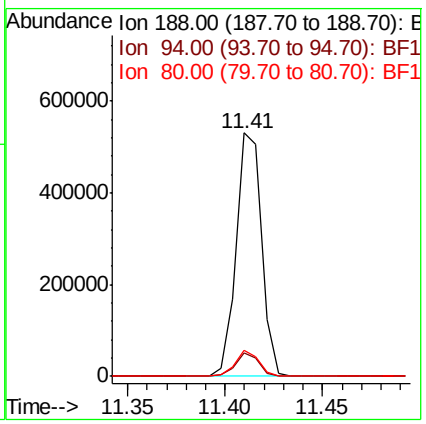


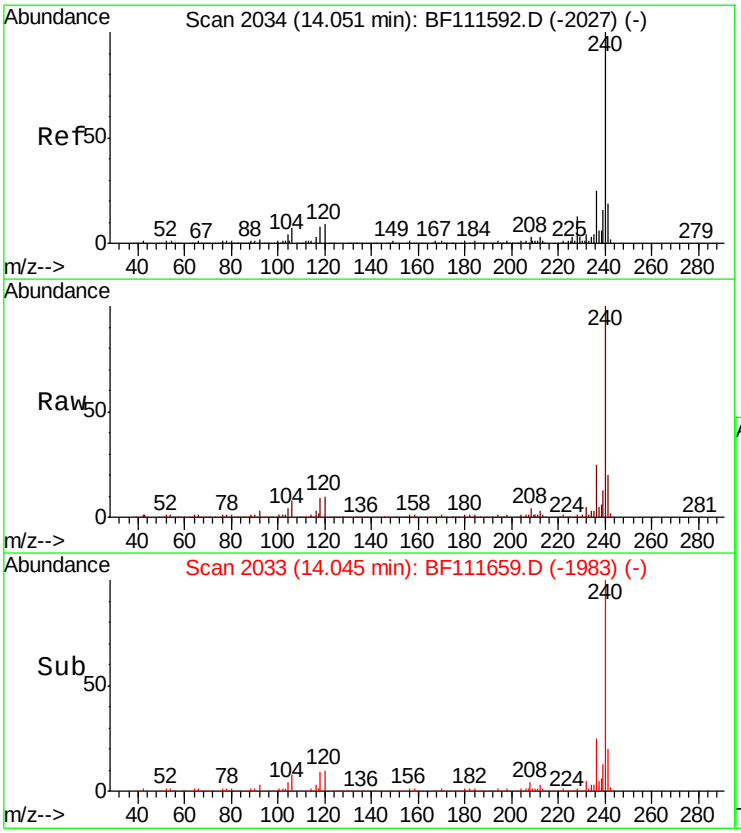
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

Tgt Ion:188 Resp: 479404

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.6	14.4#
80	10.5	9.8	14.6

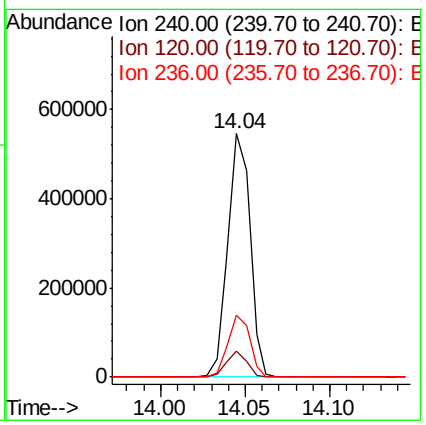


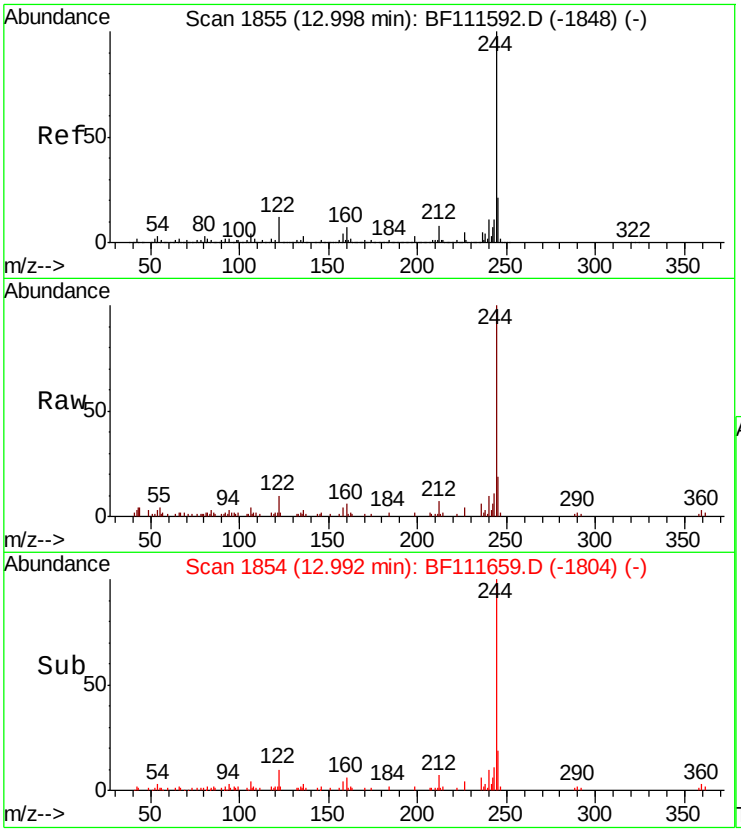


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Tgt Ion:240 Resp: 500120

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	25.5	20.2	30.2



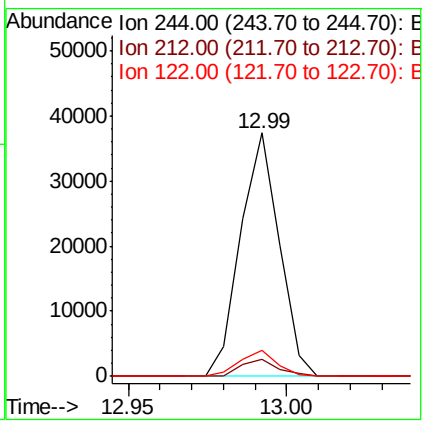


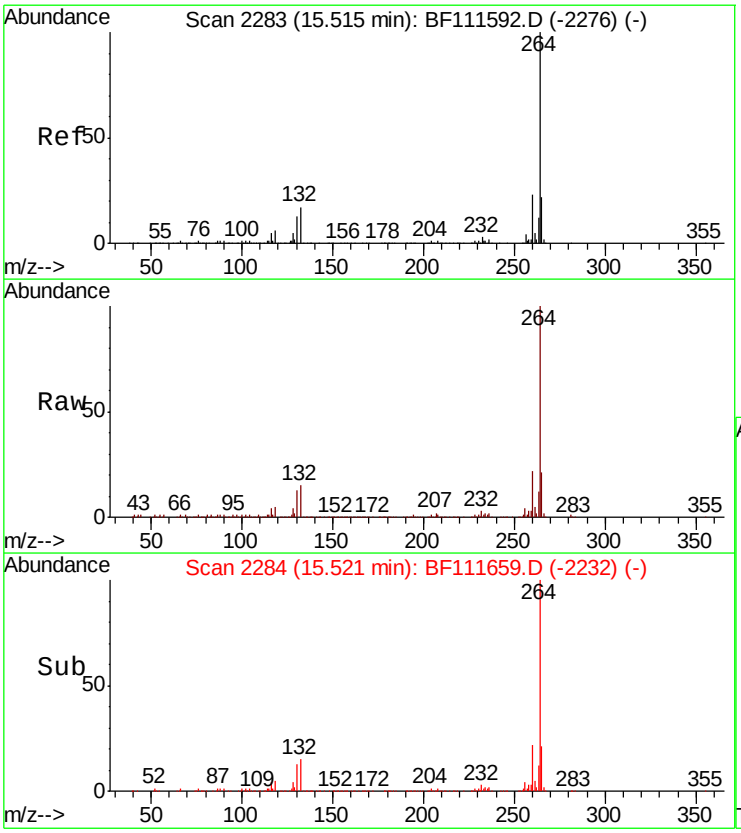
#79
Terphenyl-d14
Concen: 1.199 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111659.D
Acq: 21 Dec 2018 00:41

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0612-01

Tgt Ion:244 Resp: 31617

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.4	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: BF111659.D
Acq: 21 Dec 2018 00:41

Tgt Ion:264 Resp: 378497

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.3	27.5
265	21.2	17.7	26.5