Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

Quant Time: Dec 22 00:38:27 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	162419	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	569537	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	243994	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	428141	20.00	ng	0.00
76) Chrysene-d12	14.06	240	302603	20.00	ng	0.01
87) Perylene-d12	15.54	264	237078	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	458892	48.16	ng	0.01
7) Phenol-d6	6.53	99	583268	48.10	ng	0.01
23) Nitrobenzene-d5	7.46	82	351255	35.90	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	139350	48.34	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	598830	35.77	ng	0.00
79) Terphenyl-d14	13.02	244	556982	34.91	ng	0.02
Target Compounds						Qvalue
10) Phenol	6.55	94	44250	3.234	ng	96
50) Dimethylphthalate	9.65	163	79551	4.458	ng	98

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

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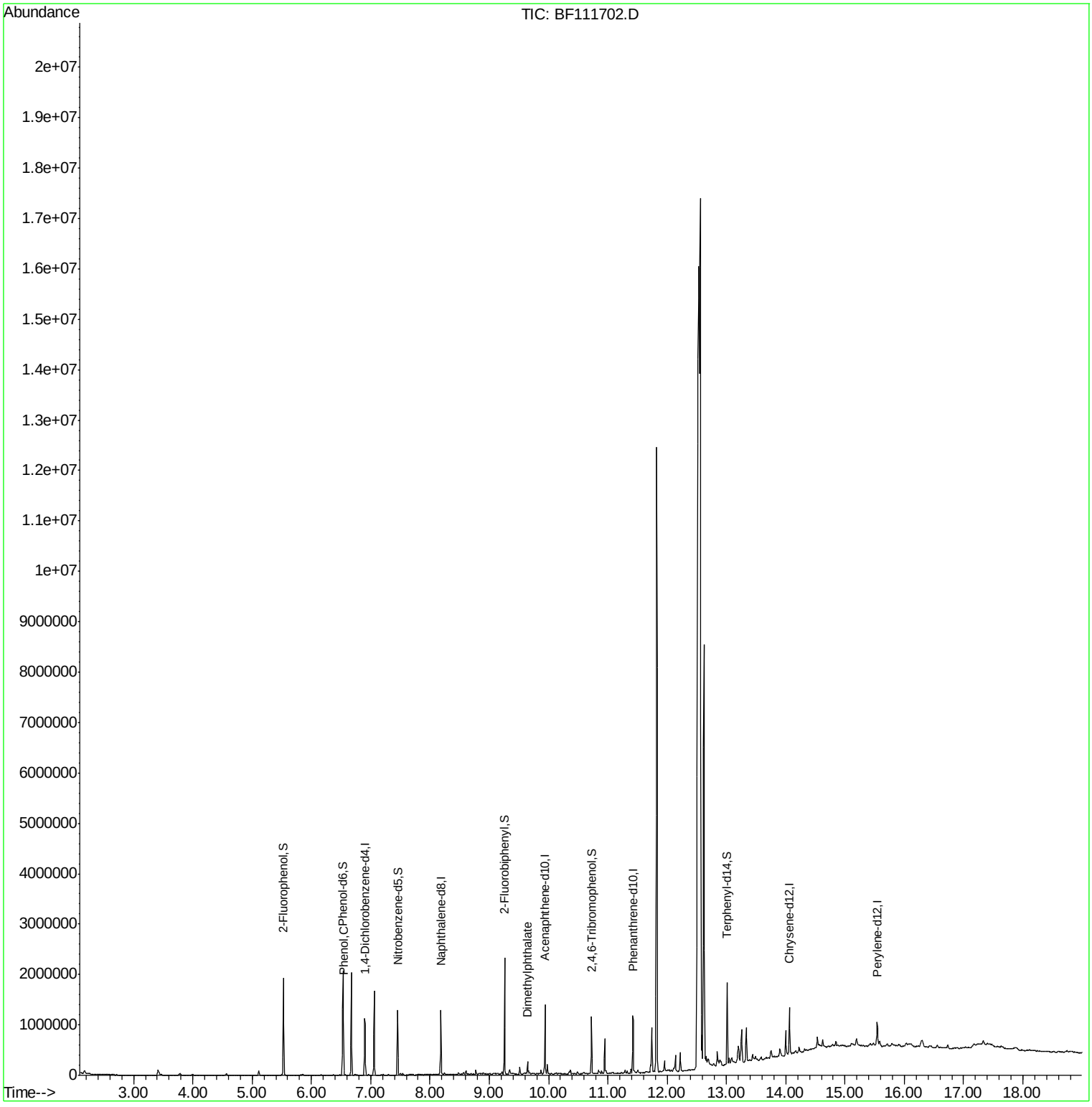
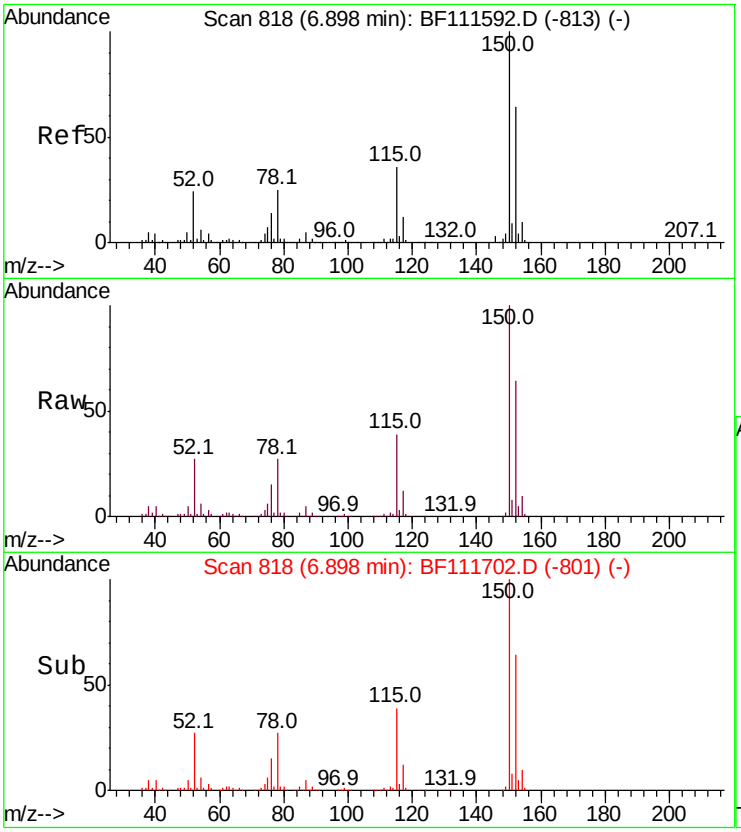


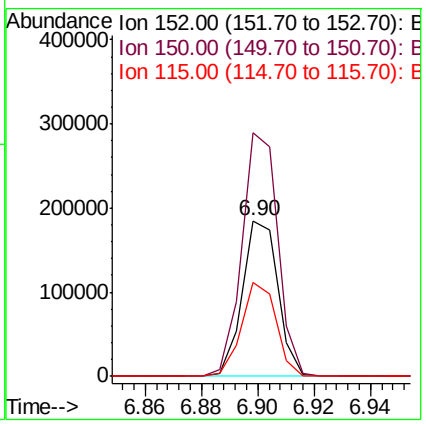


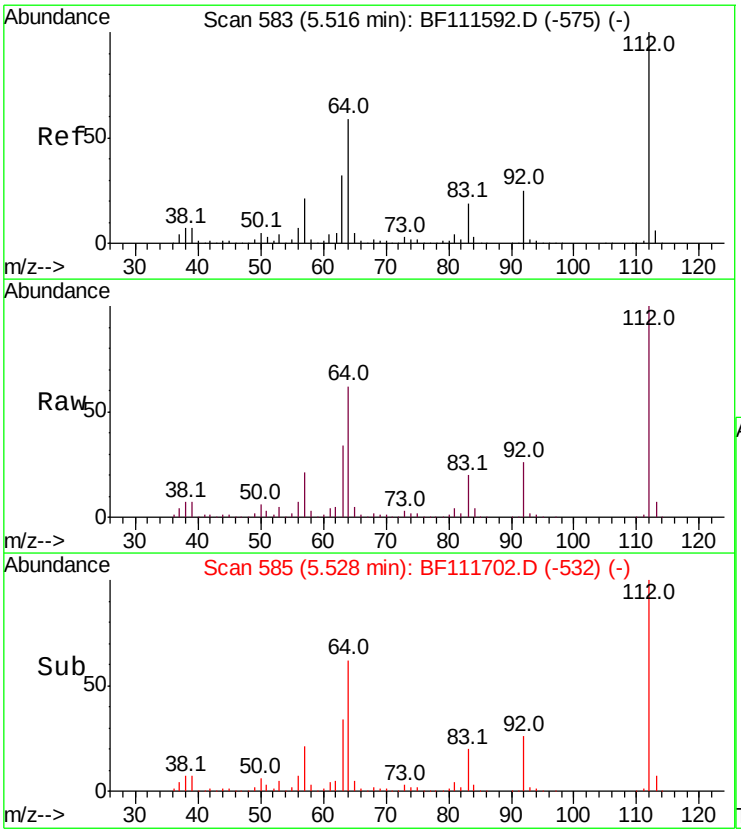
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Instrument :
BNA_F
ClientSampleId :
TR-05-122018

Tgt Ion:152 Resp: 162419

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	60.4	50.7	76.1

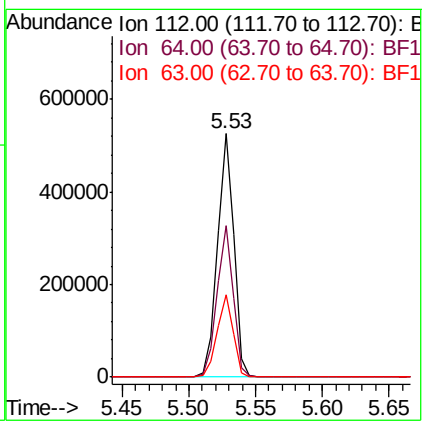


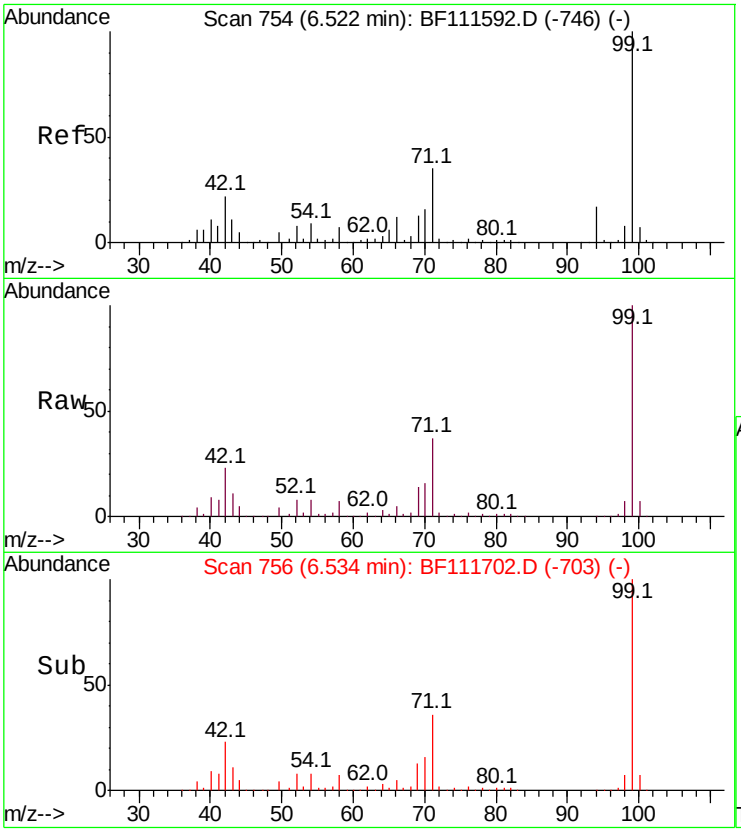


#5
2-Fluorophenol
Concen: 48.159 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Tgt Ion:112 Resp: 458892

Ion	Ratio	Lower	Upper
112	100		
64	62.0	51.8	77.6
63	33.7	26.8	40.2



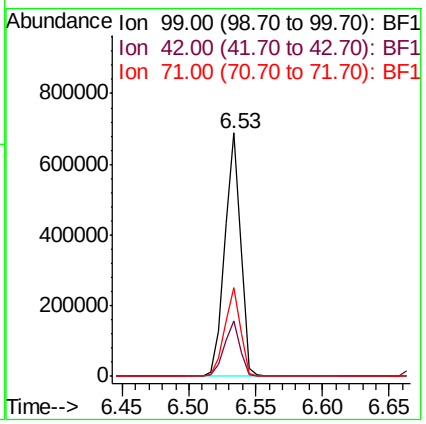


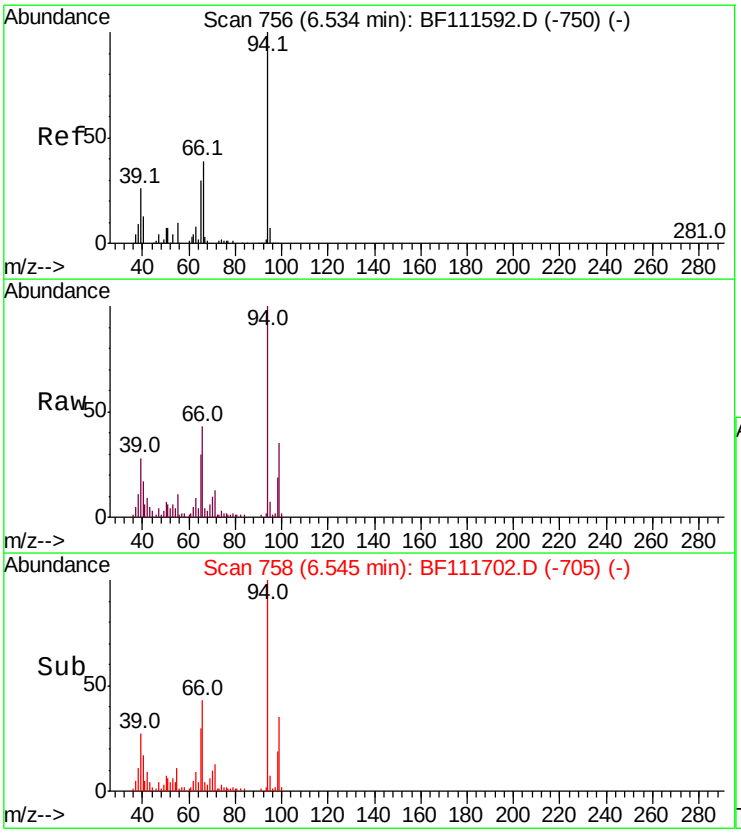
#7
Phenol-d6
Concen: 48.098 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Instrument :
BNA_F
ClientSampleId :
TR-05-122018

Tgt Ion: 99 Resp: 583268

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.4	26.0
71	36.5	26.1	39.1

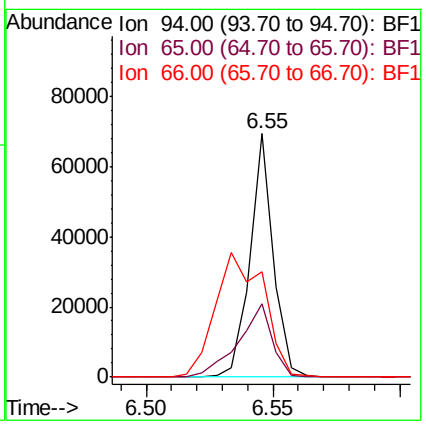


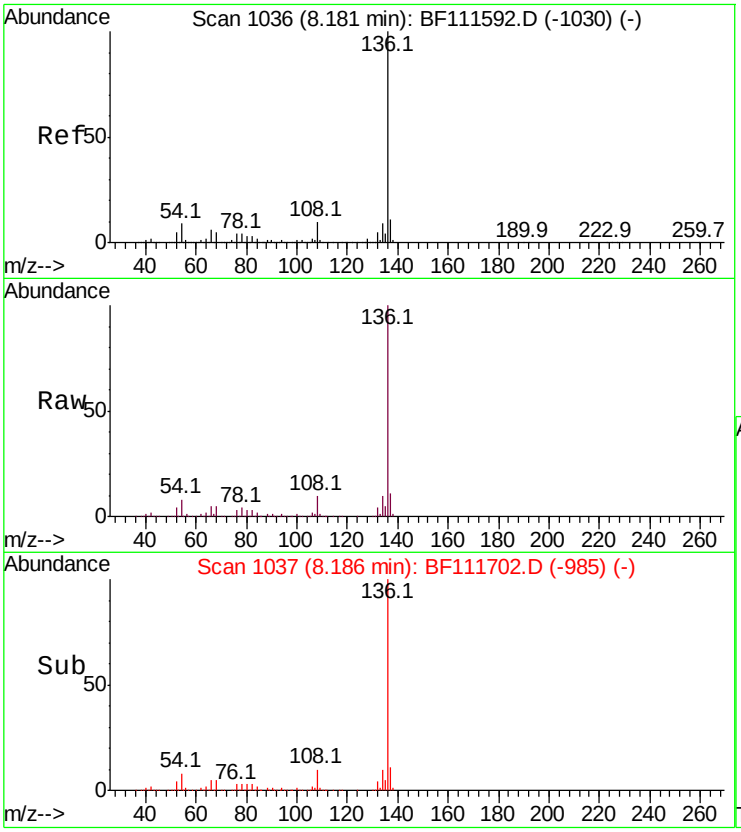


#10
Phenol
Concen: 3.234 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Tgt Ion: 94 Resp: 44250

Ion	Ratio	Lower	Upper
94	100		
65	30.1	11.7	51.7
66	43.4	21.0	61.0



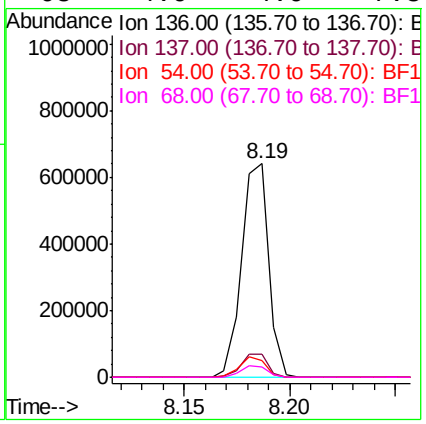


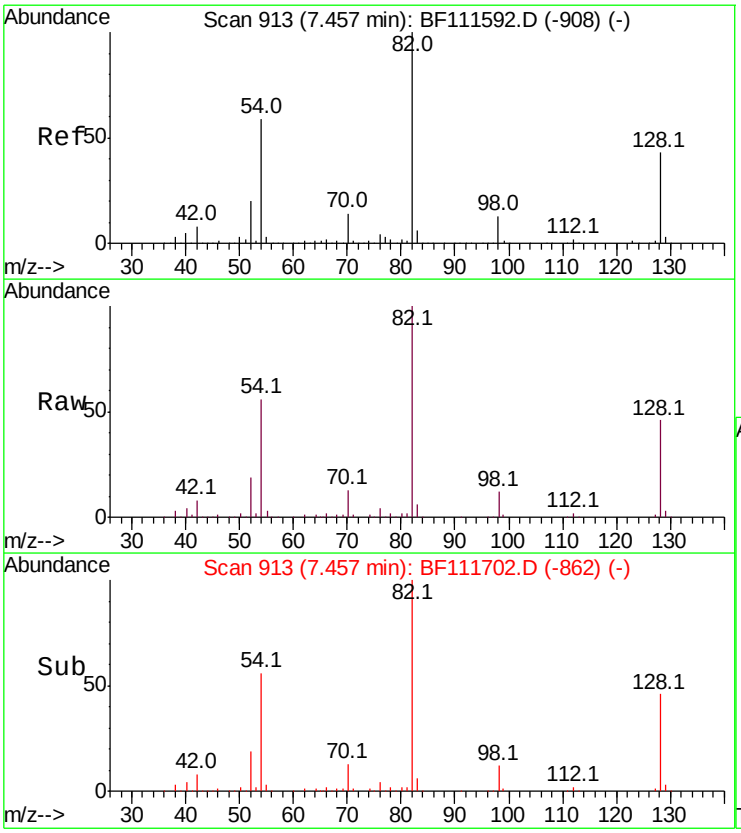
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Instrument :
BNA_F
ClientSampleId :
TR-05-122018

Tgt Ion:136 Resp: 569537

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.8	7.7	11.5
68	4.9	4.9	7.3

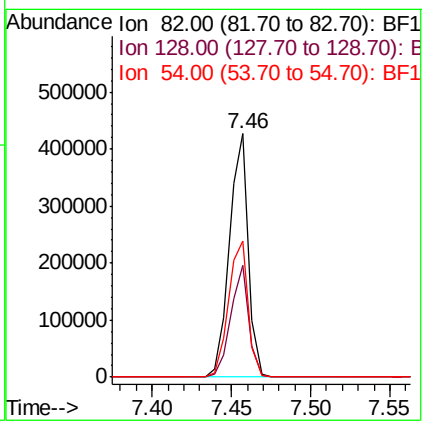


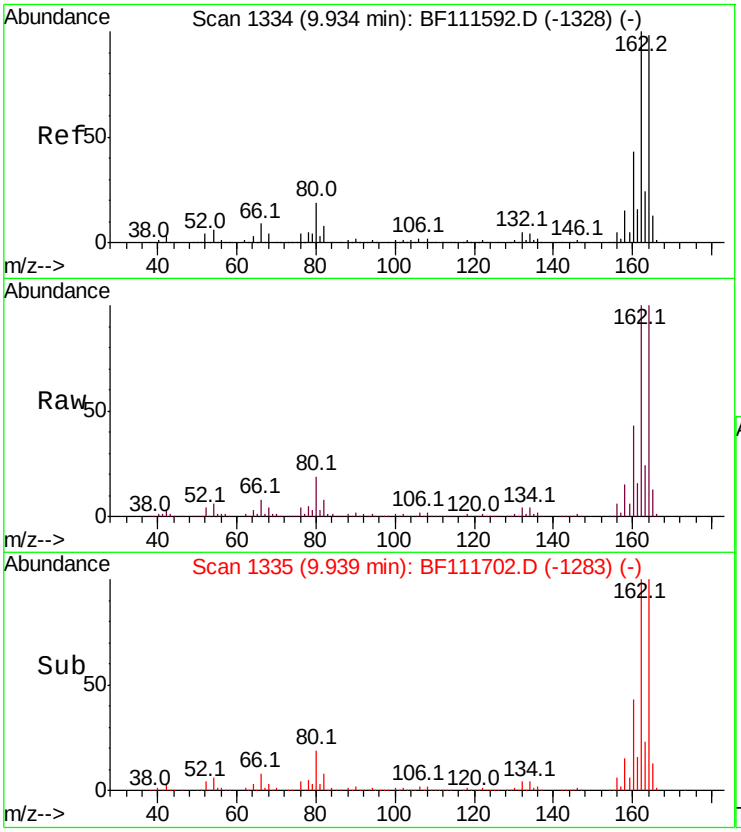


#23
Nitrobenzene-d5
Concen: 35.899 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Tgt Ion: 82 Resp: 351255

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.4	56.2
54	55.9	47.6	71.4



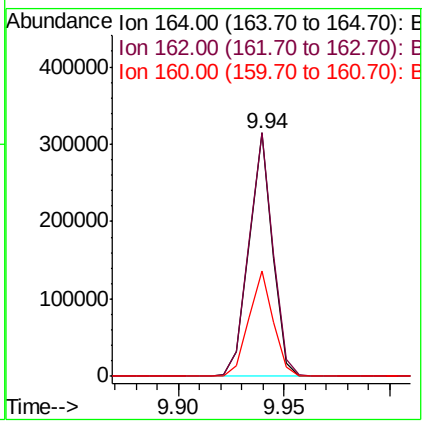


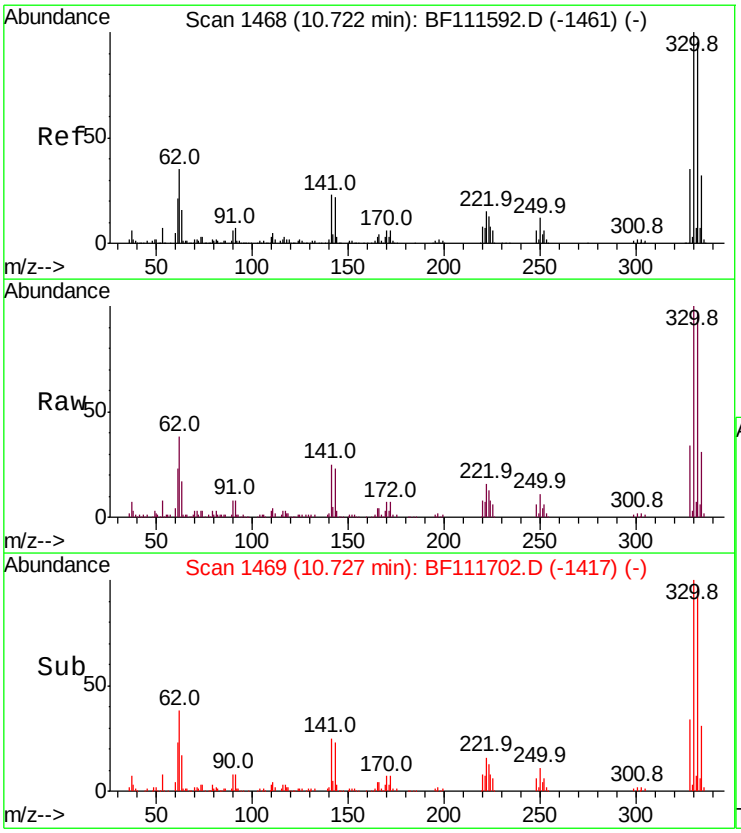
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Instrument :
BNA_F
ClientSampleId :
TR-05-122018

Tgt Ion:164 Resp: 243994

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.4	122.0
160	43.4	35.7	53.5

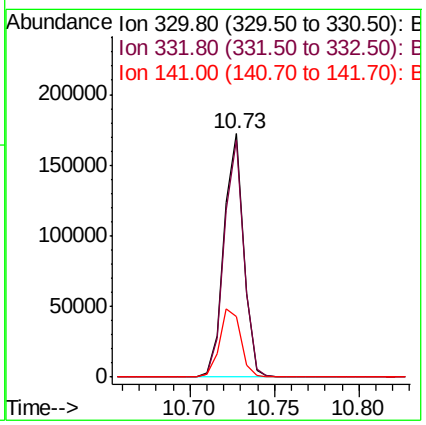


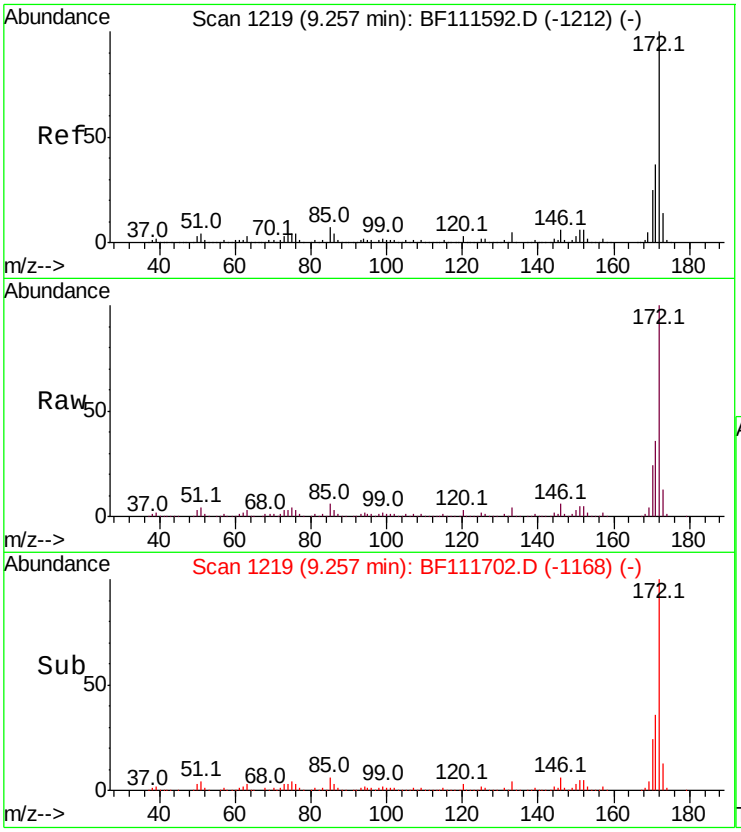


#42
2,4,6-Tribromophenol
Concen: 48.335 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Tgt Ion:330 Resp: 139350

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	30.2	31.0	46.6#



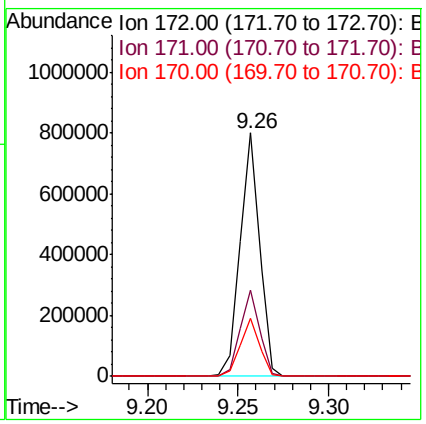


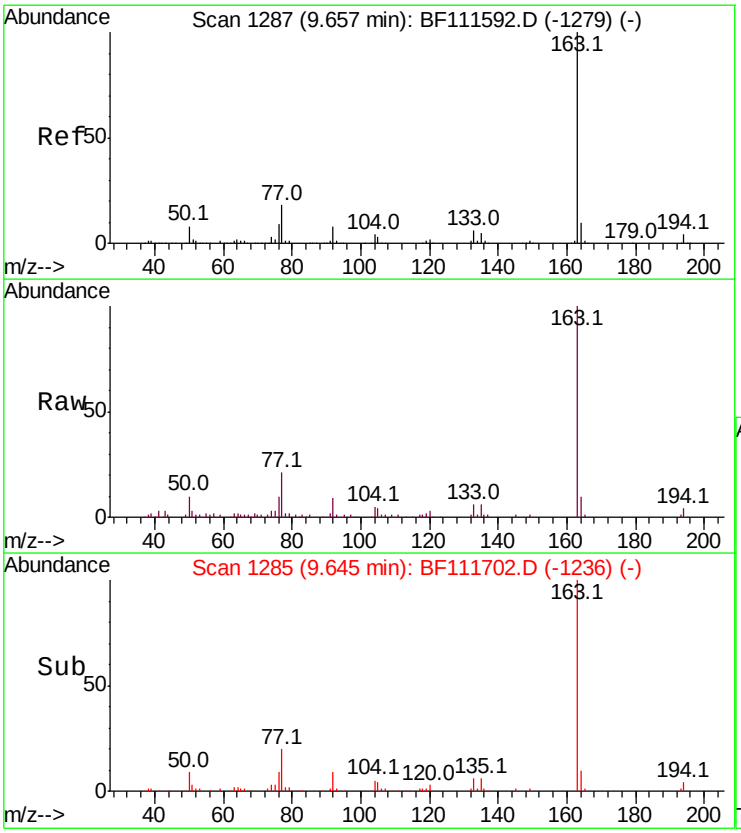
#45
2-Fluorobiphenyl
Concen: 35.773 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Instrument :
BNA_F
ClientSampleId :
TR-05-122018

Tgt Ion:172 Resp: 598830

Ion	Ratio	Lower	Upper
172	100		
171	35.6	33.0	49.4
170	24.1	22.3	33.5

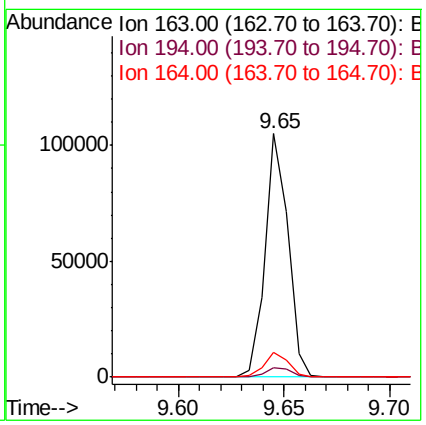


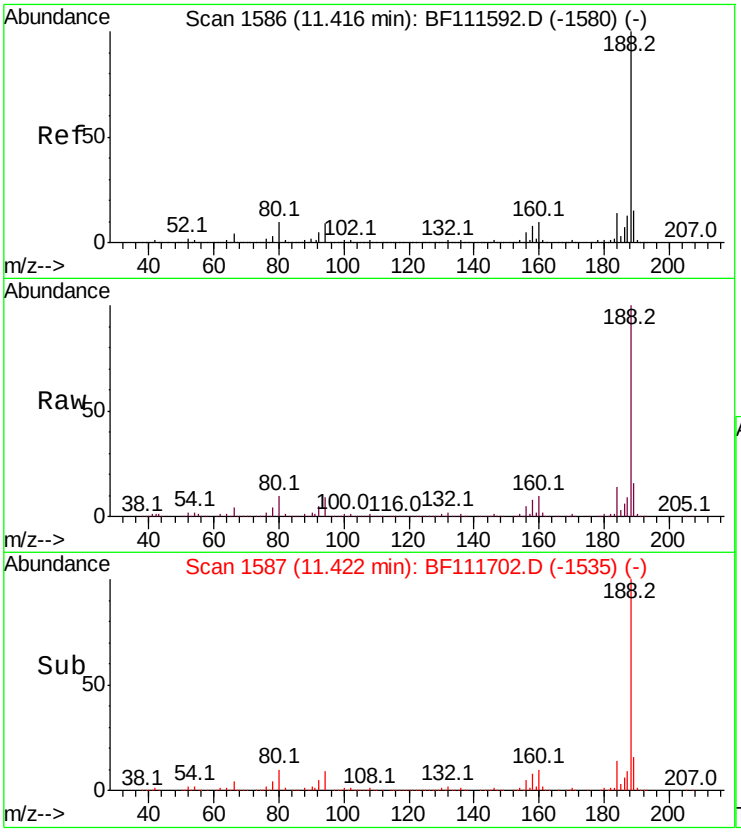


#50
Dimethylphthalate
Concen: 4.458 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Tgt Ion:163 Resp: 79551

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.4	8.9	13.3



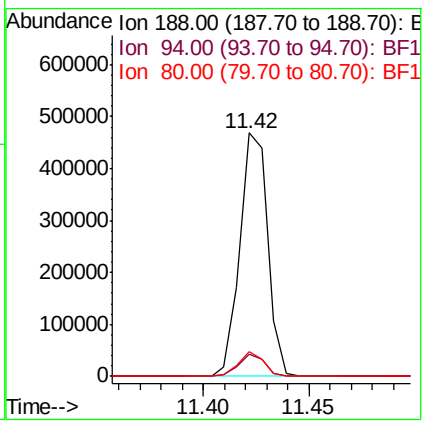


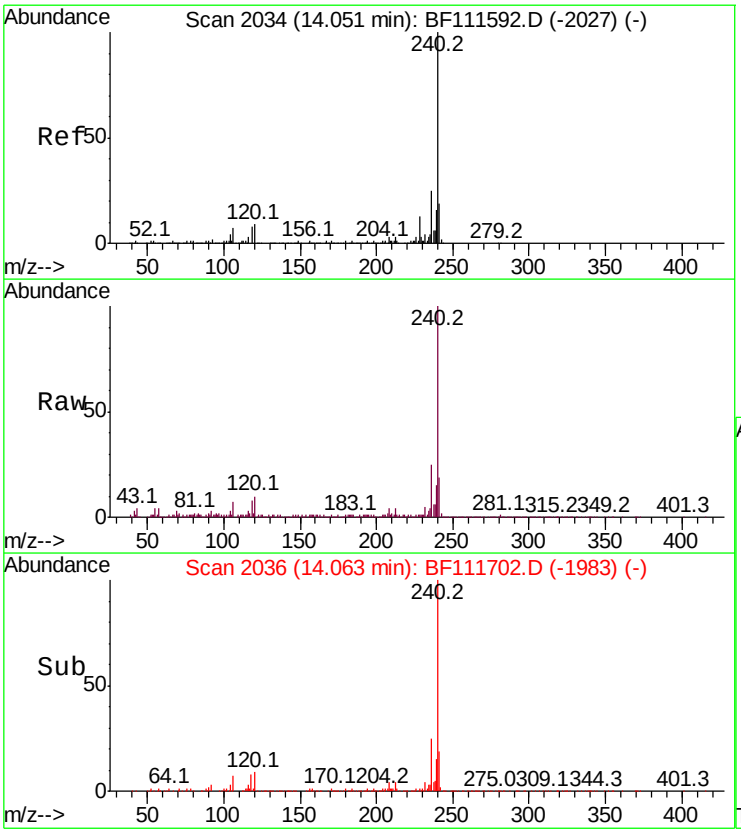
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Instrument :
BNA_F
ClientSampleId :
TR-05-122018

Tgt Ion:188 Resp: 428141

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	10.1	9.8	14.6

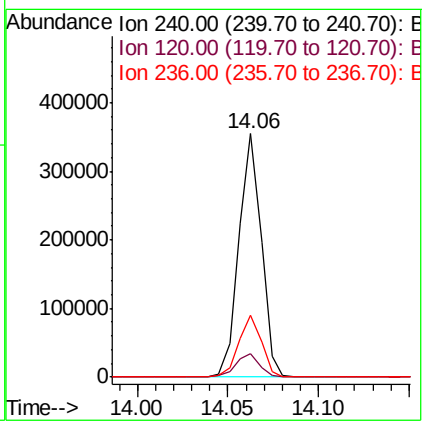


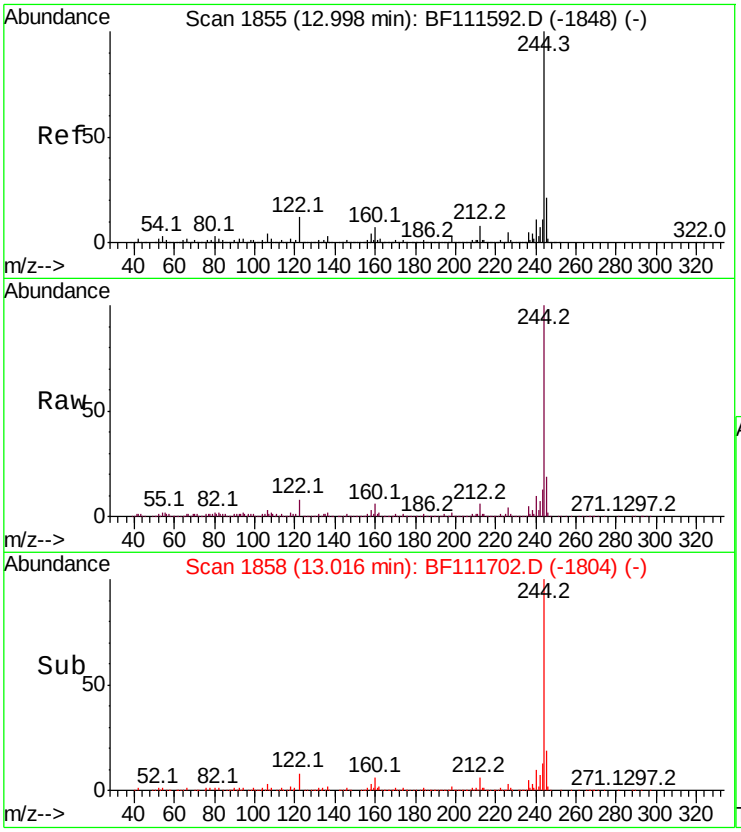


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Tgt Ion:240 Resp: 302603

Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.2	18.2#
236	25.1	20.2	30.2



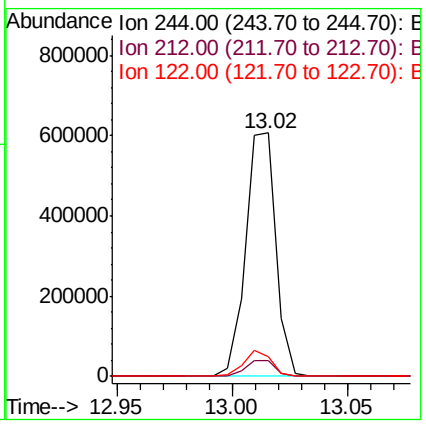


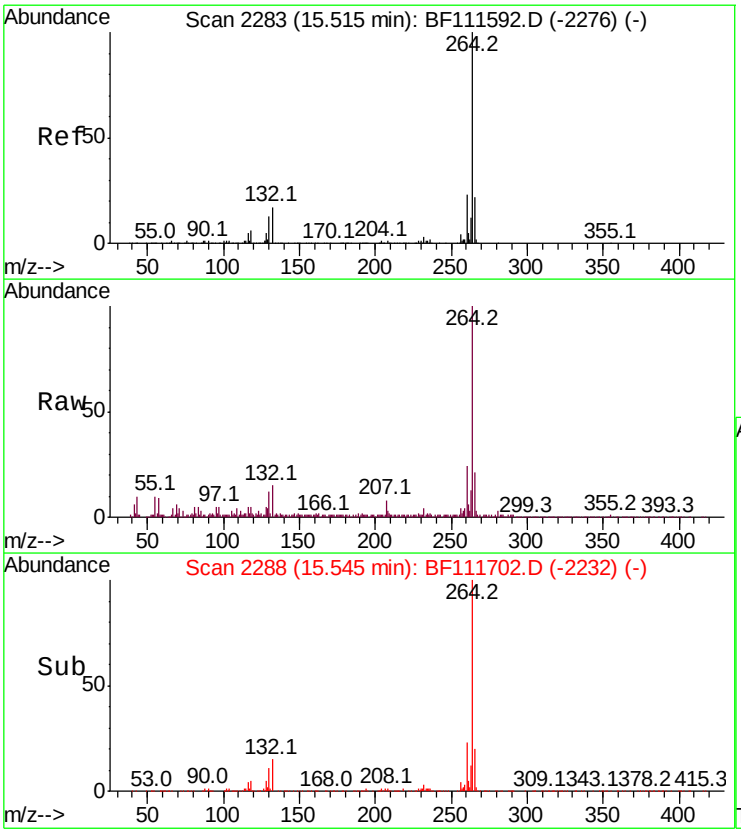
#79
Terphenyl-d14
Concen: 34.906 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.02 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Instrument :
BNA_F
ClientSampleId :
TR-05-122018

Tgt Ion:244 Resp: 556982

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	8.1	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111702.D
Acq: 21 Dec 2018 22:04

Tgt Ion:264 Resp: 237078

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	20.9	17.7	26.5