Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111645.D
Acq On : 20 Dec 2018 18:15
Operator : JU/SJ
Sample : J6353-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS003-0002-01

Quant Time: Dec 21 06:45:26 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	205798	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	765838	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	368266	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	604347	20.00	ng		0.00
76) Chrysene-d12	14.04	240	495431	20.00	ng		0.00
87) Perylene-d12	15.53	264	495264	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	862521	71.44	ng		0.00
7) Phenol-d6	6.52	99	1116756	72.68	ng		0.00
23) Nitrobenzene-d5	7.45	82	660556	50.21	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	259802	59.71	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	810316	32.07	ng		0.00
79) Terphenyl-d14	12.99	244	701370	26.85	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	93106	5.370	ng		93
50) Dimethylphthalate	9.64	163	136297	5.061	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	40121	2.233	ng	#	93

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

Quantitation Report (QT/LSC Reviewed)

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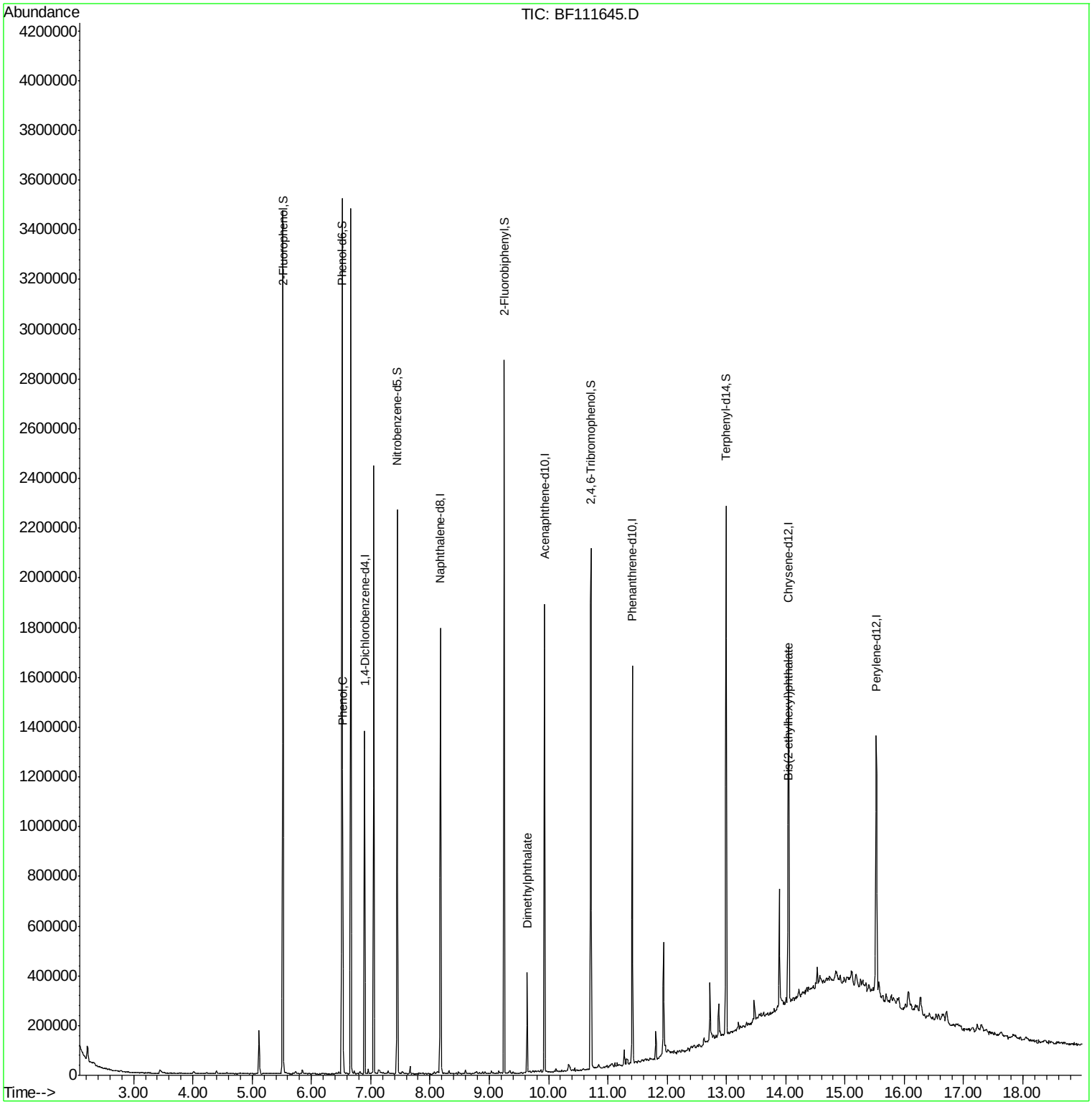
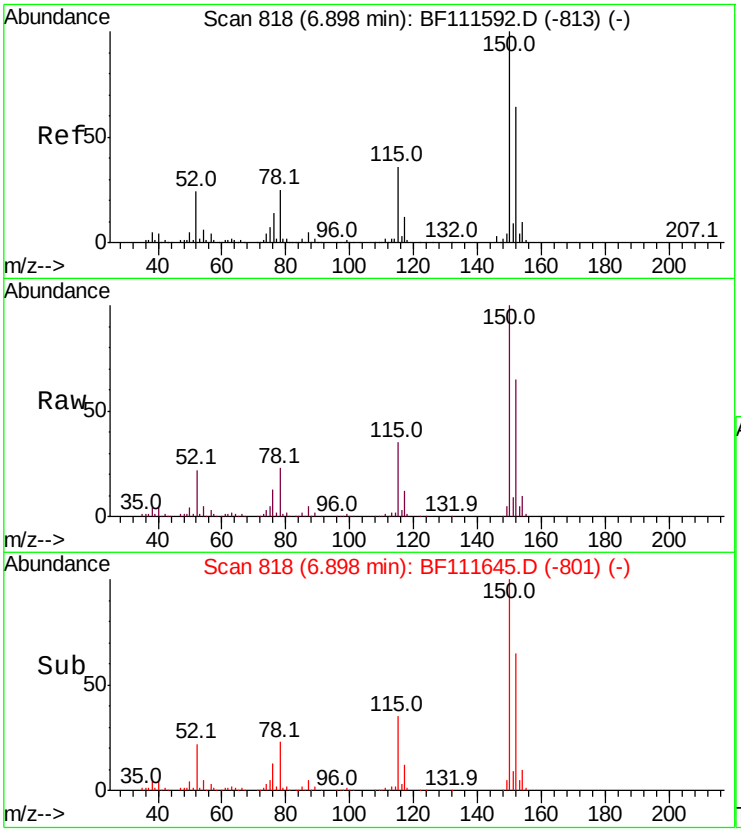


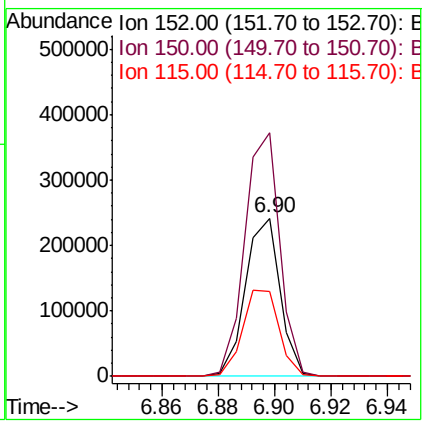


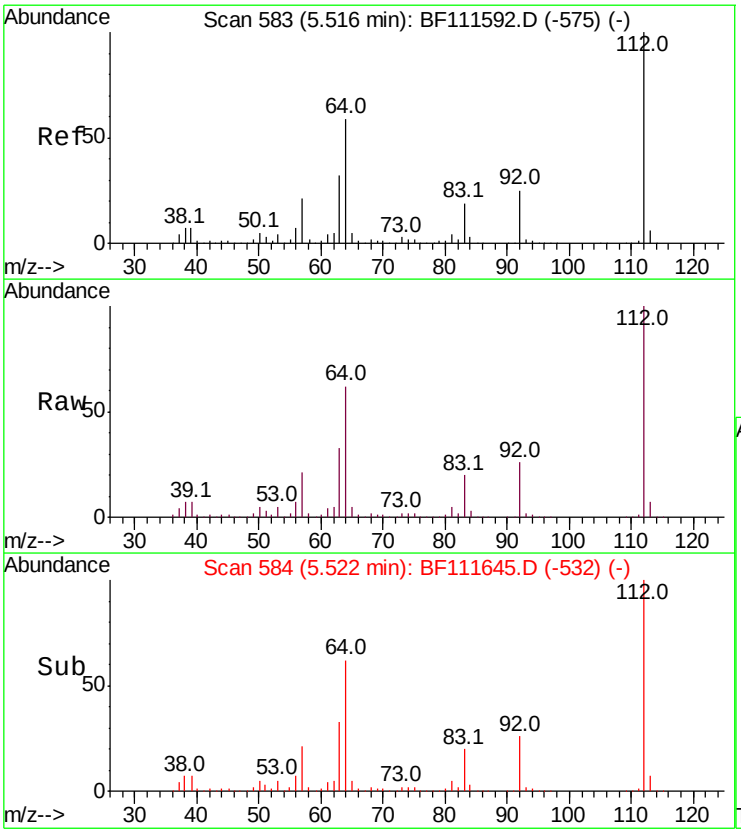
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

Tgt Ion:152 Resp: 205798

Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.6	189.8
115	54.0	50.7	76.1

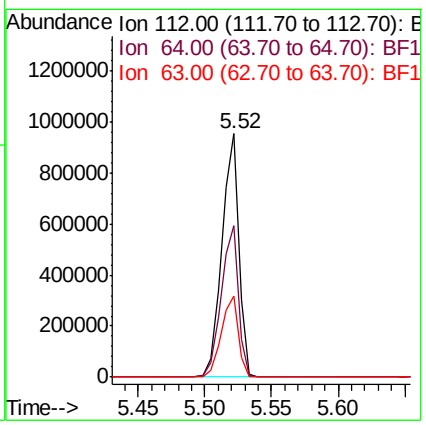


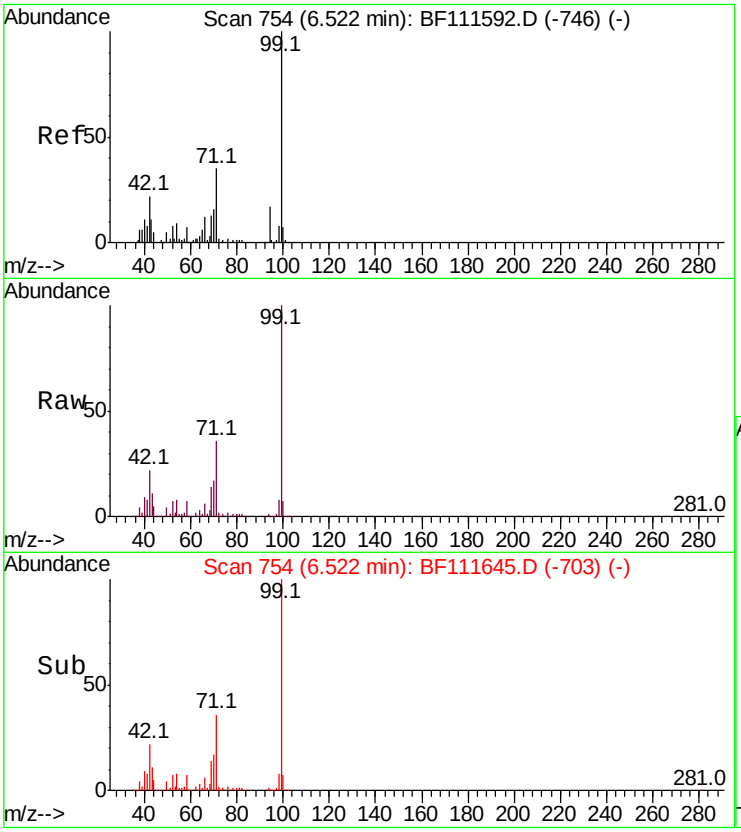


#5
2-Fluorophenol
Concen: 71.439 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion:112 Resp: 862521

Ion	Ratio	Lower	Upper
112	100		
64	62.4	51.8	77.6
63	33.1	26.8	40.2



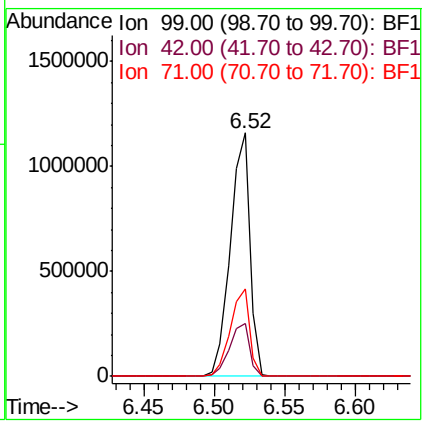


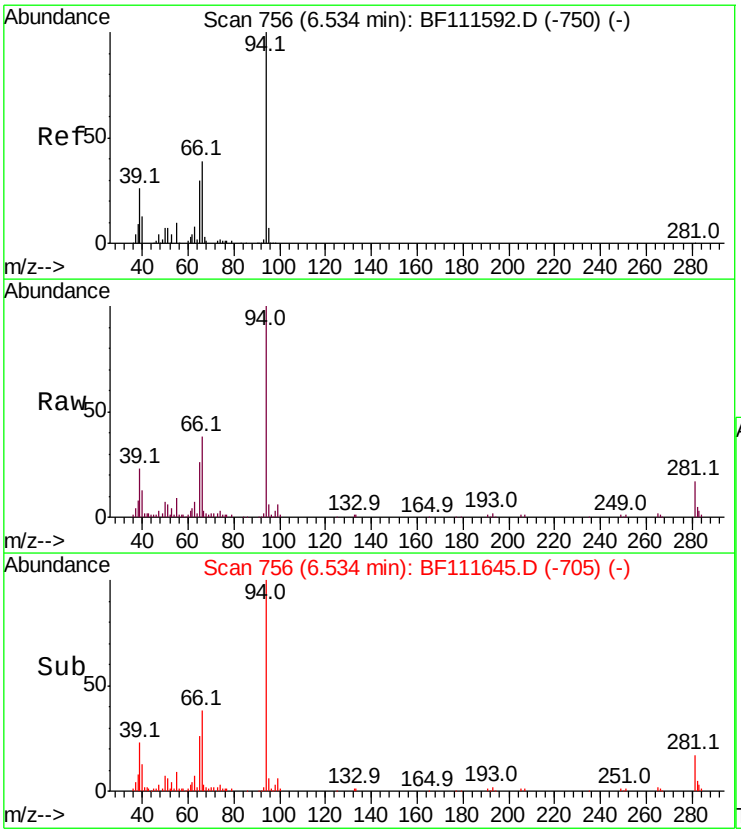
#7
Phenol-d6
Concen: 72.680 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

Tgt Ion: 99 Resp: 1116756

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.4	26.0
71	35.8	26.1	39.1

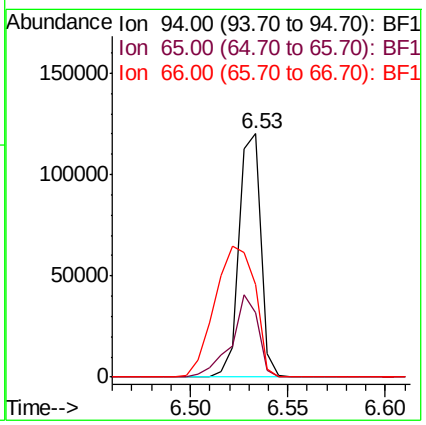


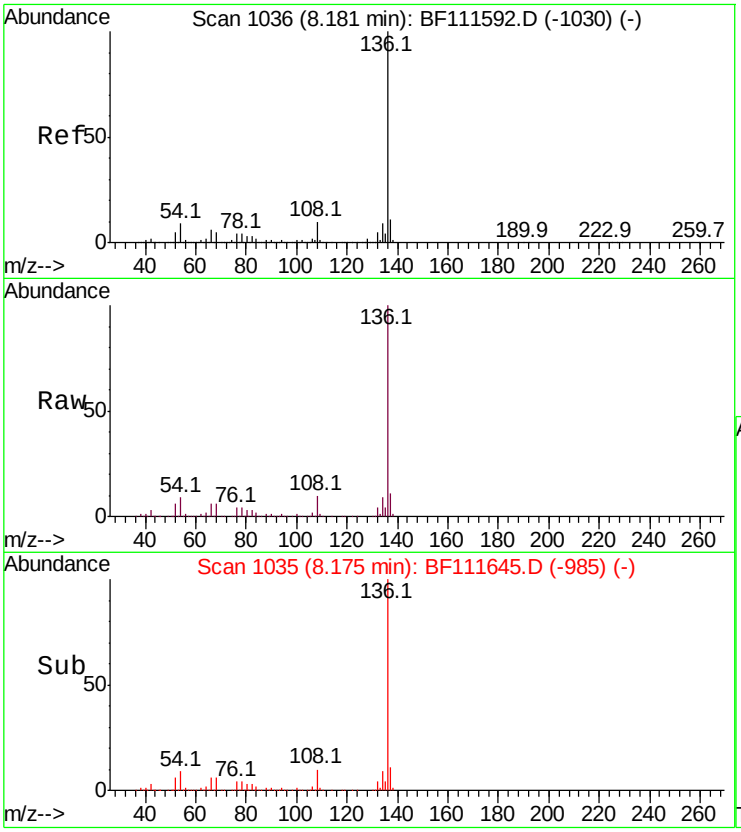


#10
Phenol
Concen: 5.370 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion: 94 Resp: 93106

Ion	Ratio	Lower	Upper
94	100		
65	26.3	11.7	51.7
66	38.0	21.0	61.0



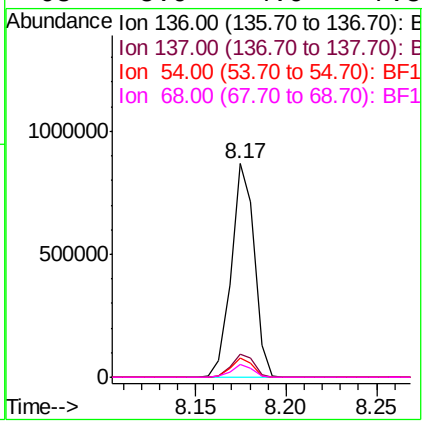


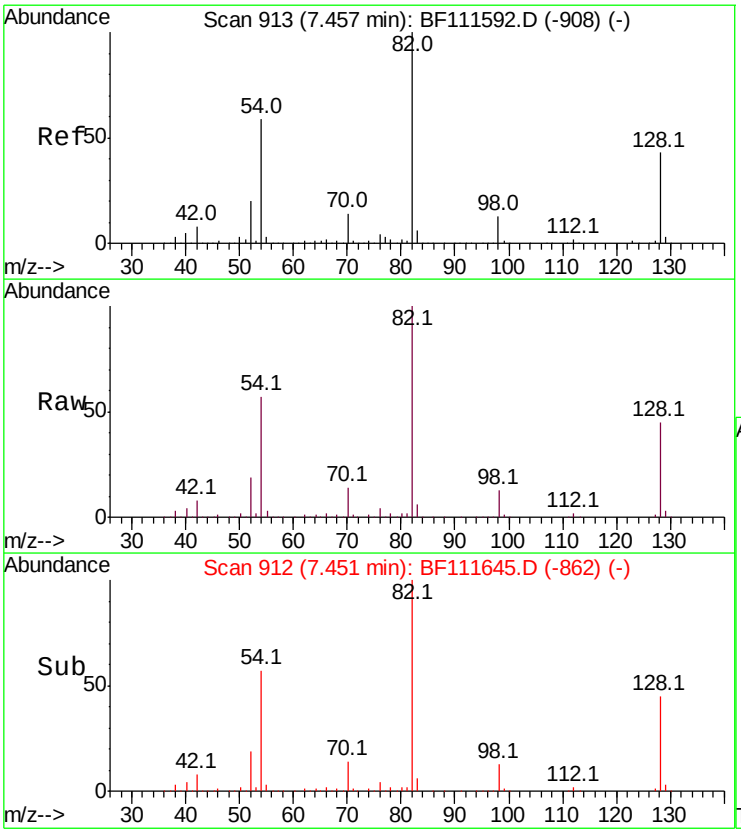
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

Tgt Ion:136 Resp: 765838

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.2	7.7	11.5
68	5.9	4.9	7.3

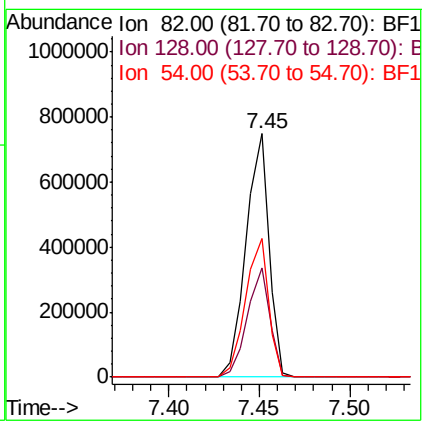


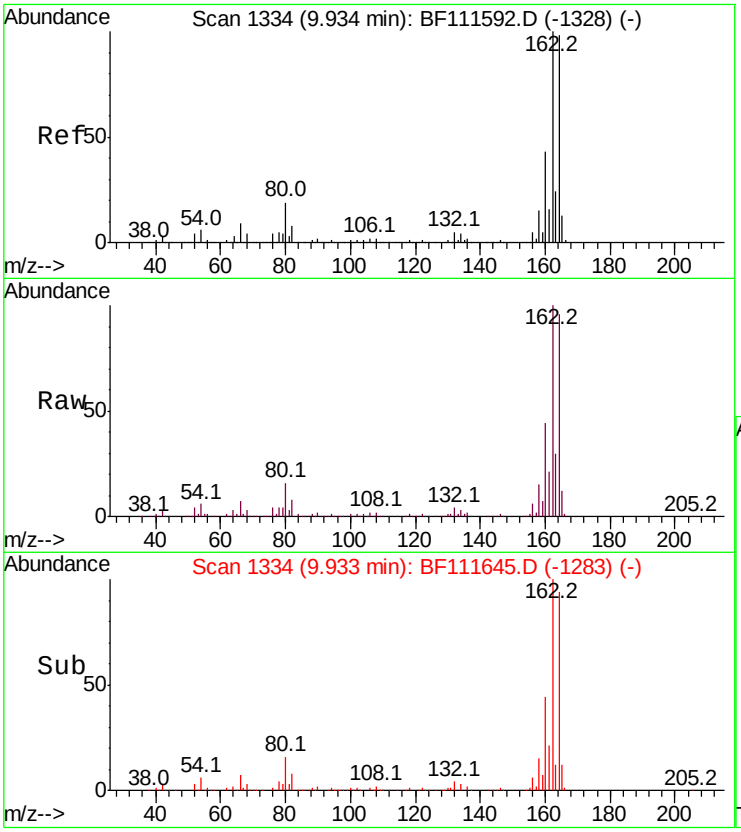


#23
Nitrobenzene-d5
Concen: 50.206 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion: 82 Resp: 660556

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.4	56.2
54	56.7	47.6	71.4



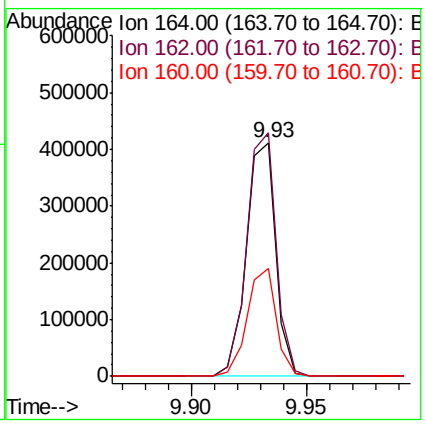


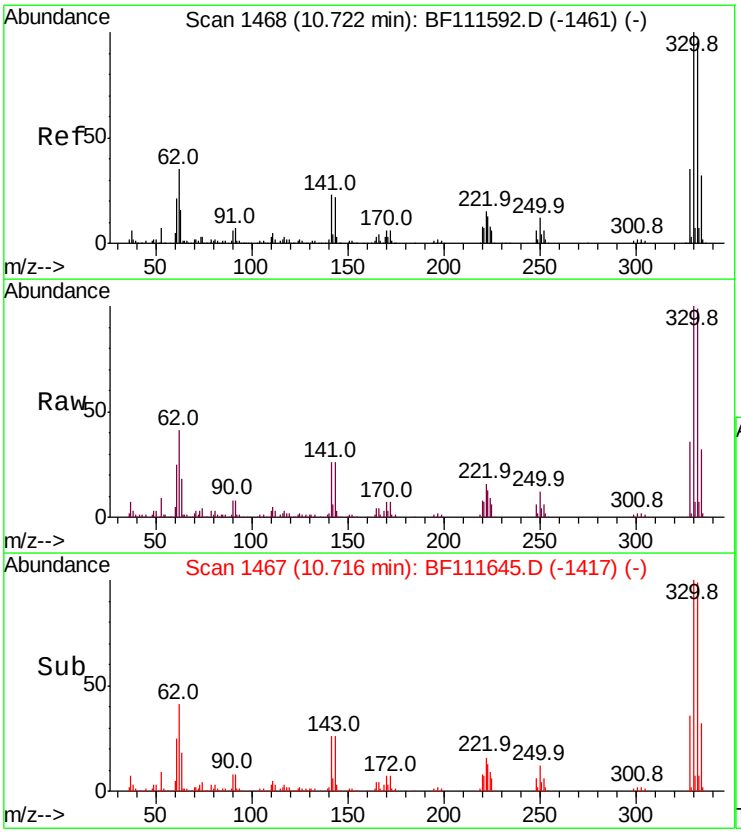
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

Tgt Ion:164 Resp: 368266

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.4	122.0
160	46.3	35.7	53.5

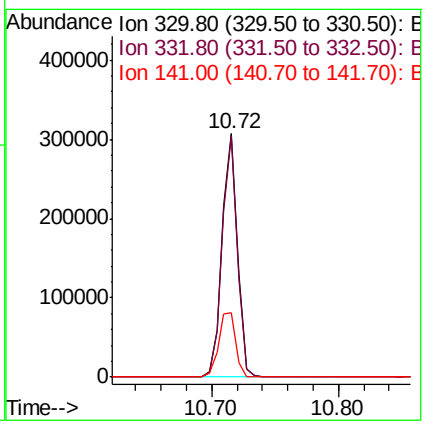


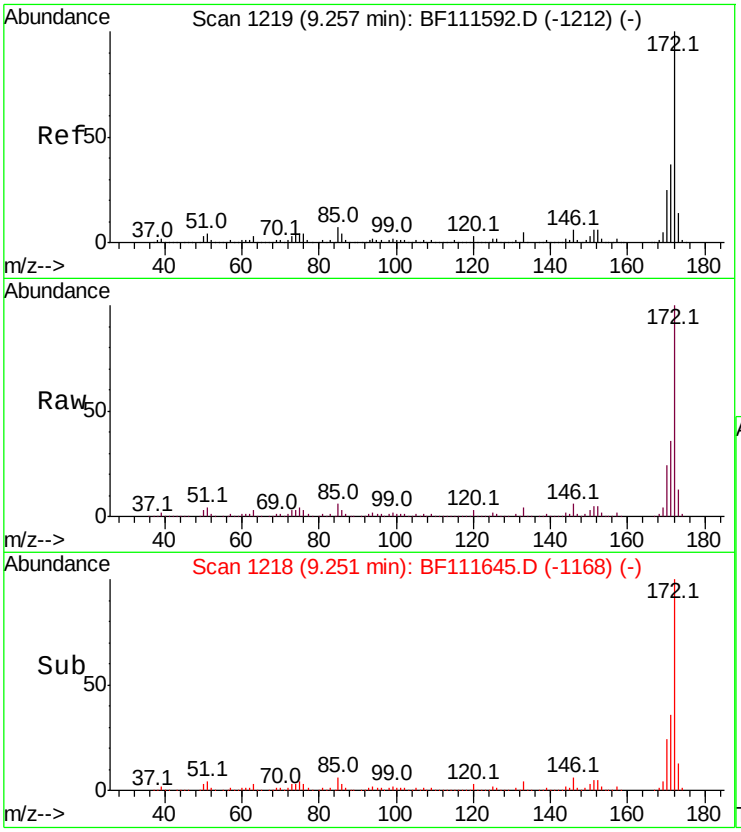


#42
2,4,6-Tribromophenol
Concen: 59.706 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion:330 Resp: 259802

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	29.4	31.0	46.6#



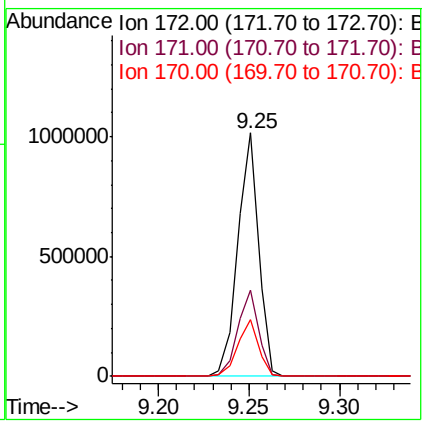


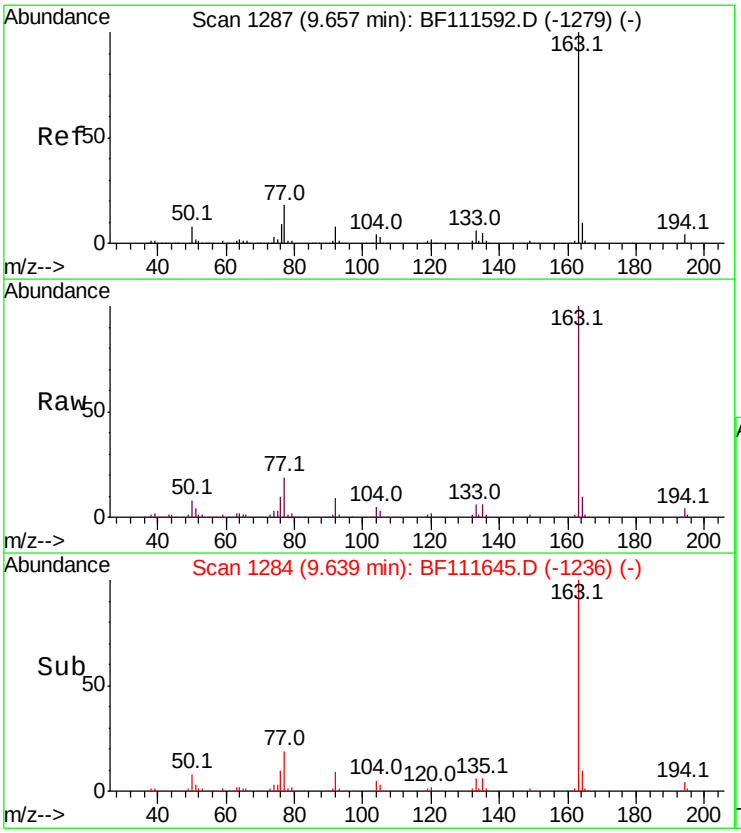
#45
2-Fluorobiphenyl
Concen: 32.072 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

Tgt Ion:172 Resp: 810316

Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	23.5	22.3	33.5

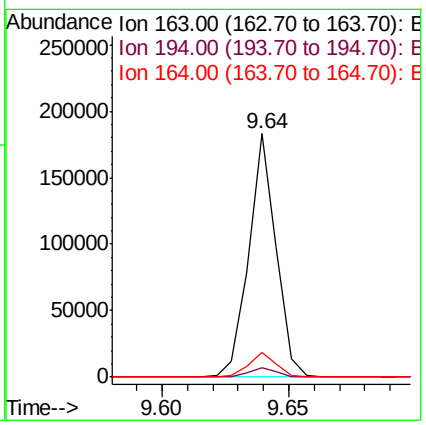


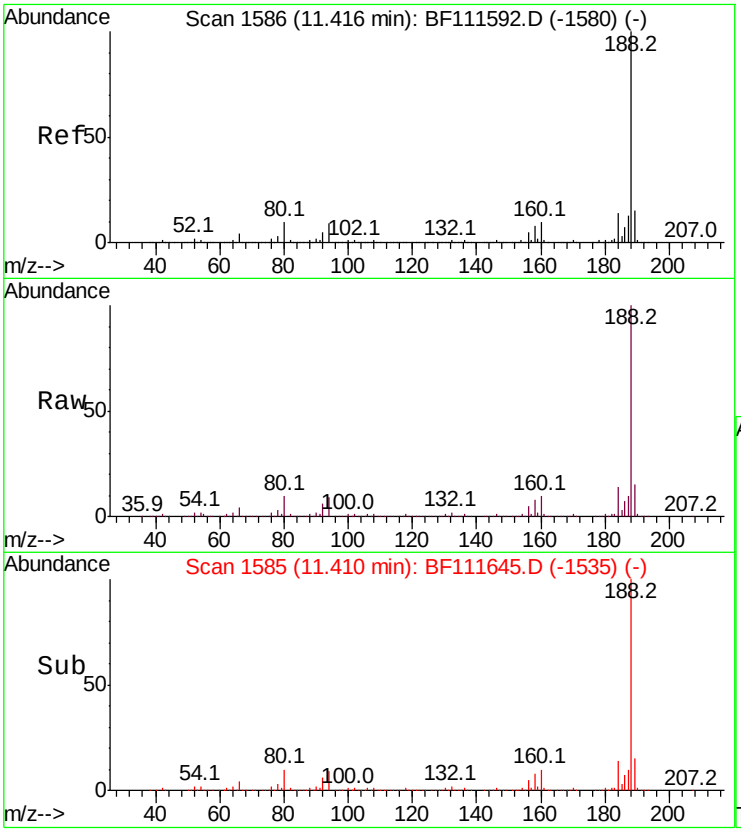


#50
Dimethylphthalate
Concen: 5.061 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion:163 Resp: 136297

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	8.9	13.3



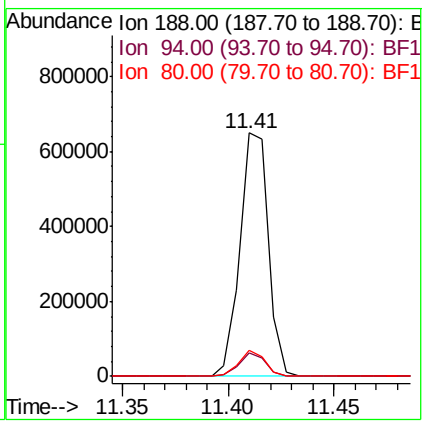


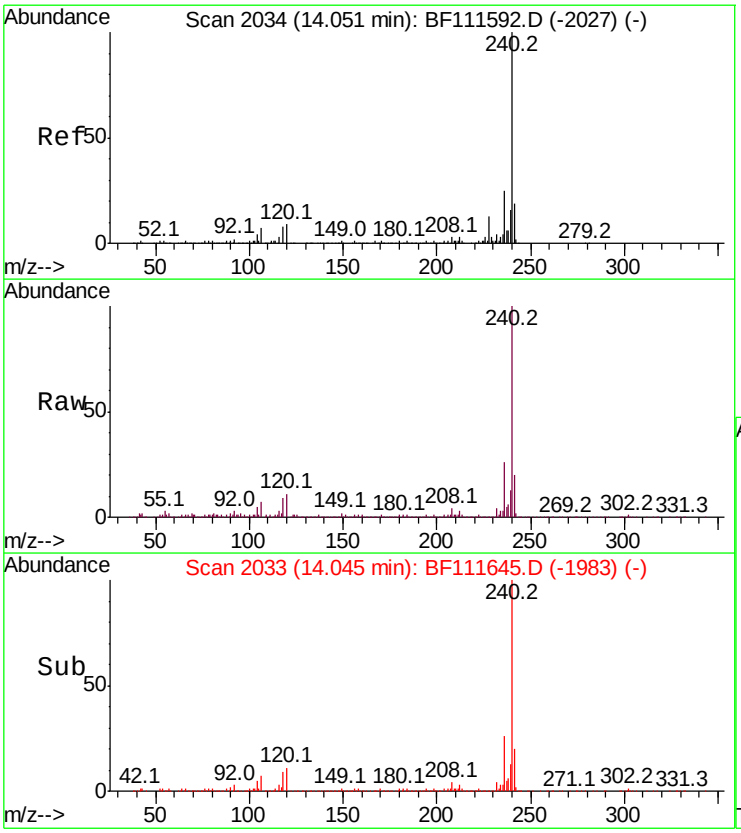
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

Tgt Ion:188 Resp: 604347

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.6	14.4#
80	10.4	9.8	14.6

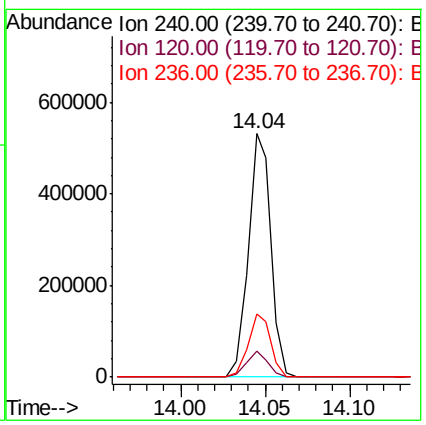


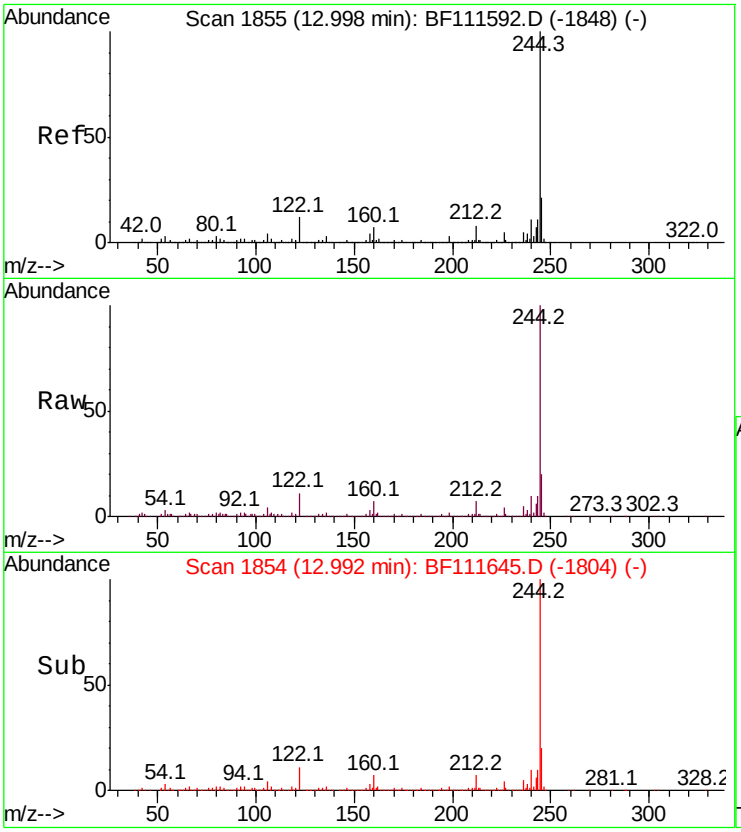


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion:240 Resp: 495431

Ion	Ratio	Lower	Upper
240	100		
120	10.7	12.2	18.2#
236	25.8	20.2	30.2



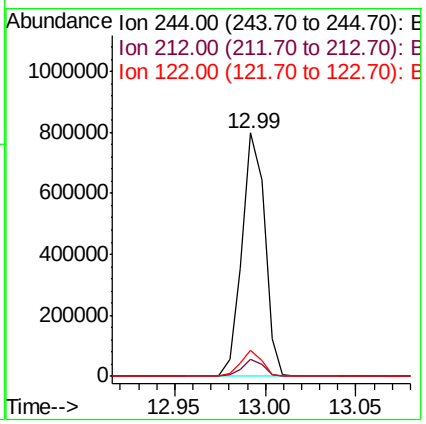


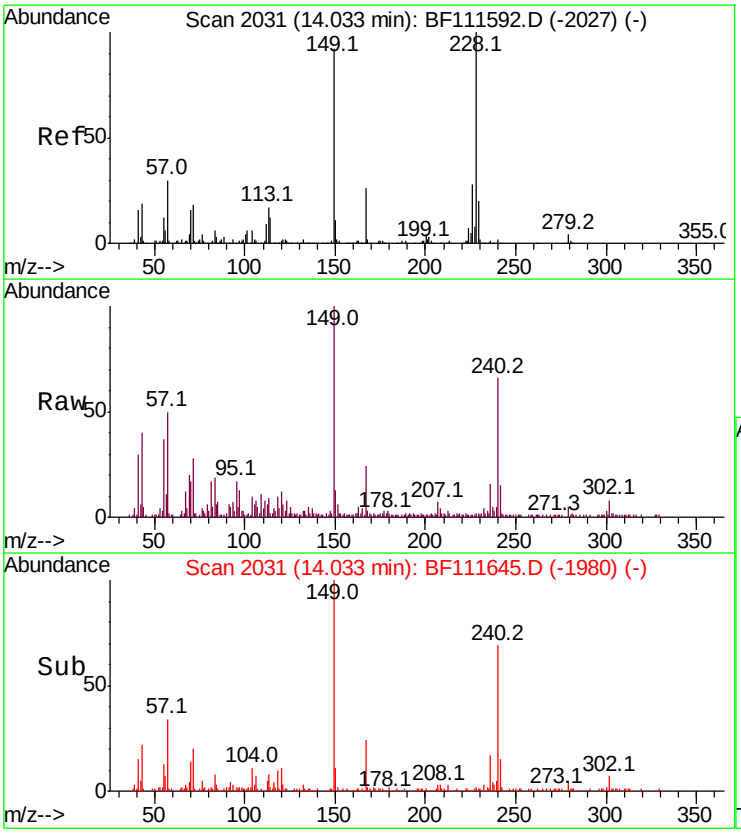
#79
Terphenyl-d14
Concen: 26.847 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

Tgt Ion:244 Resp: 701370

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.6	13.1	19.7#

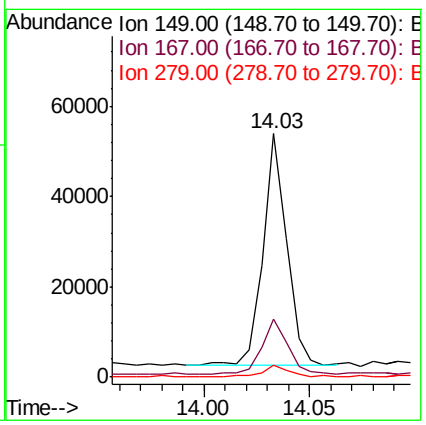


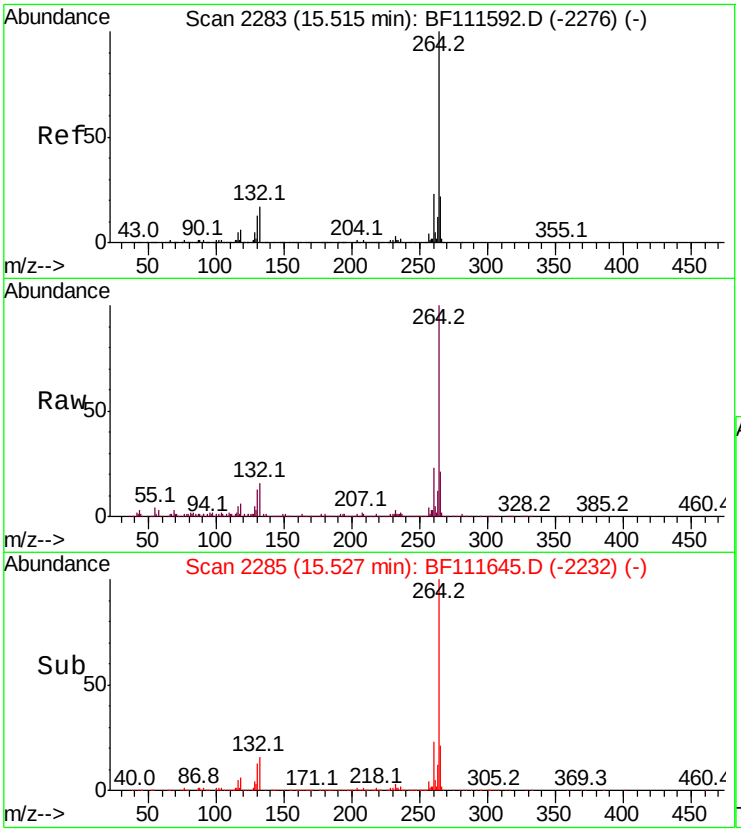


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.233 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion:149 Resp: 40121

Ion	Ratio	Lower	Upper
149	100		
167	24.1	22.5	33.7
279	5.0	2.6	4.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

Tgt Ion:264 Resp: 495264

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.0	17.7	26.5