Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103632.D
Acq On : 14 Mar 2018 5:55
Operator : SJ/JU
Sample : J1895-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 14 11:24:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134138	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	595619	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	259638	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	426080	20.00	ng	0.00
75) Chrysene-d12	14.06	240	245628	20.00	ng	0.00
86) Perylene-d12	15.57	264	235787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	268571	30.28	ng	0.02
7) Phenol-d6	6.53	99	269037	24.79	ng	0.02
23) Nitrobenzene-d5	7.43	82	1111846	106.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	175475	79.85	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1588055	114.31	ng	0.00
78) Terphenyl-d14	12.98	244	1034598	101.25	ng	0.00
Target Compounds						Qvalue

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

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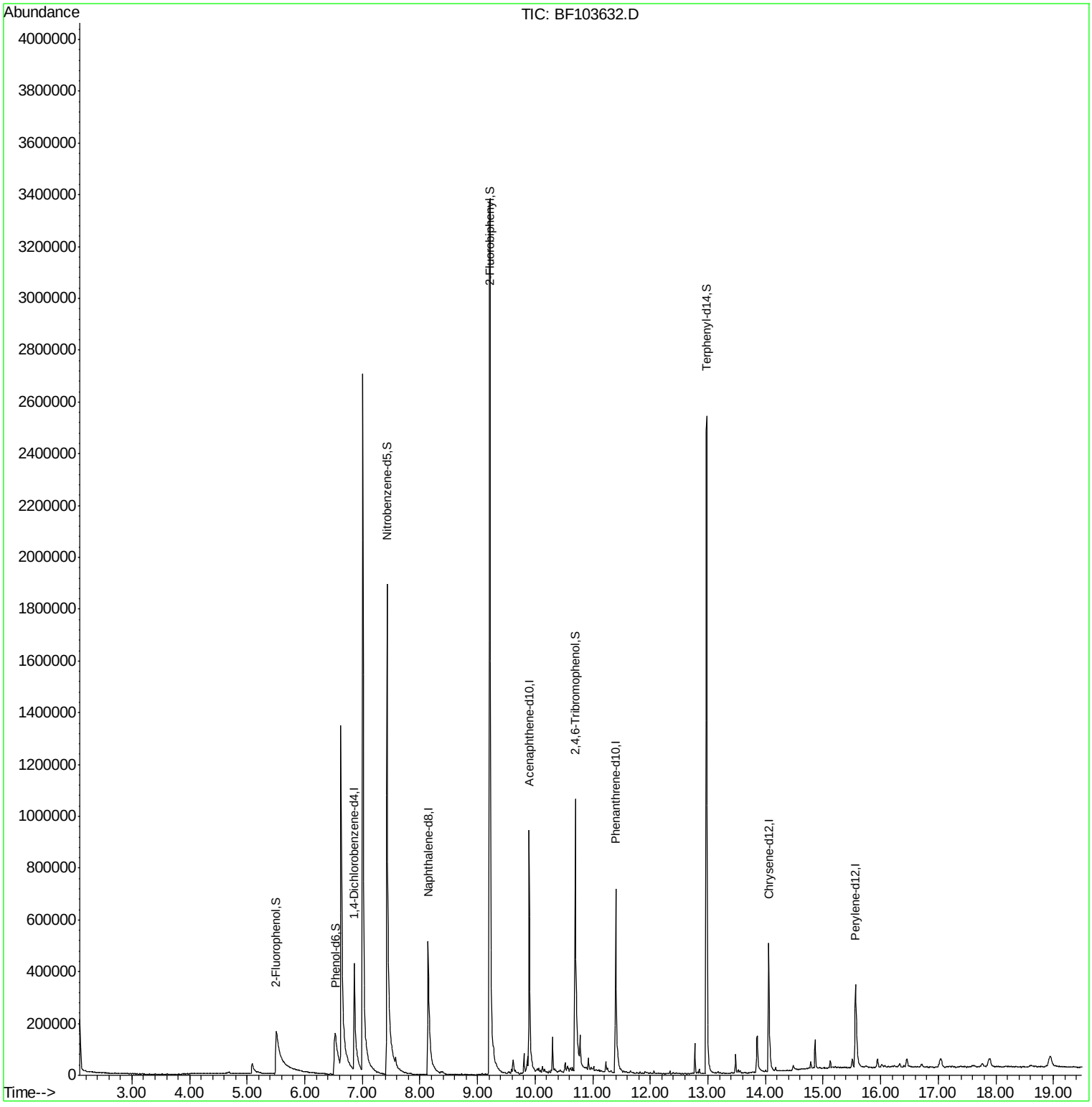
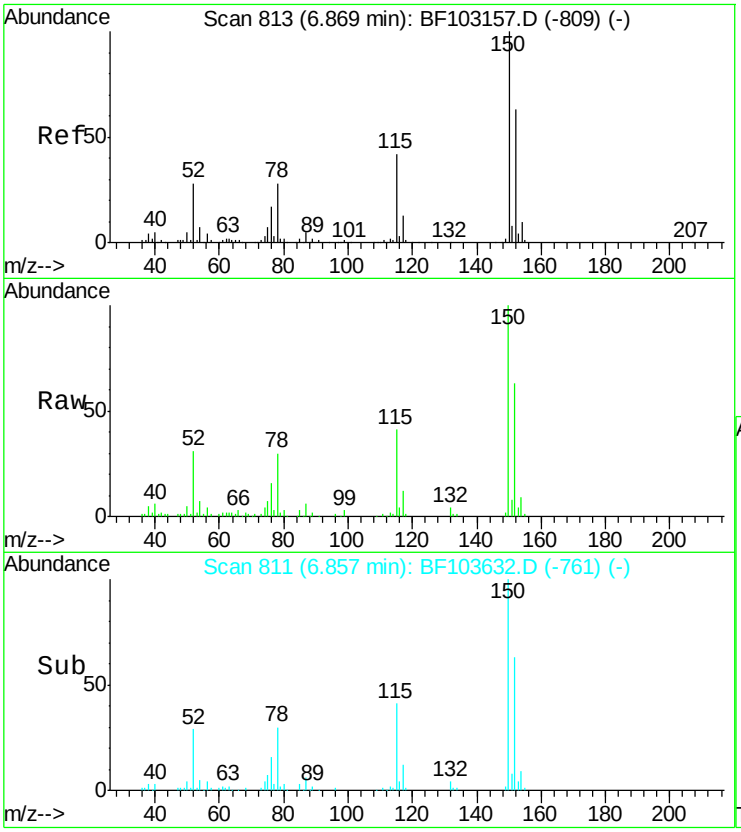
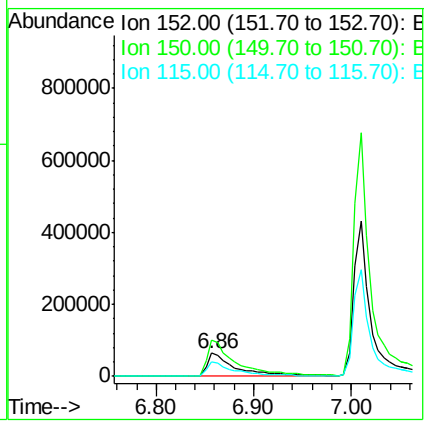


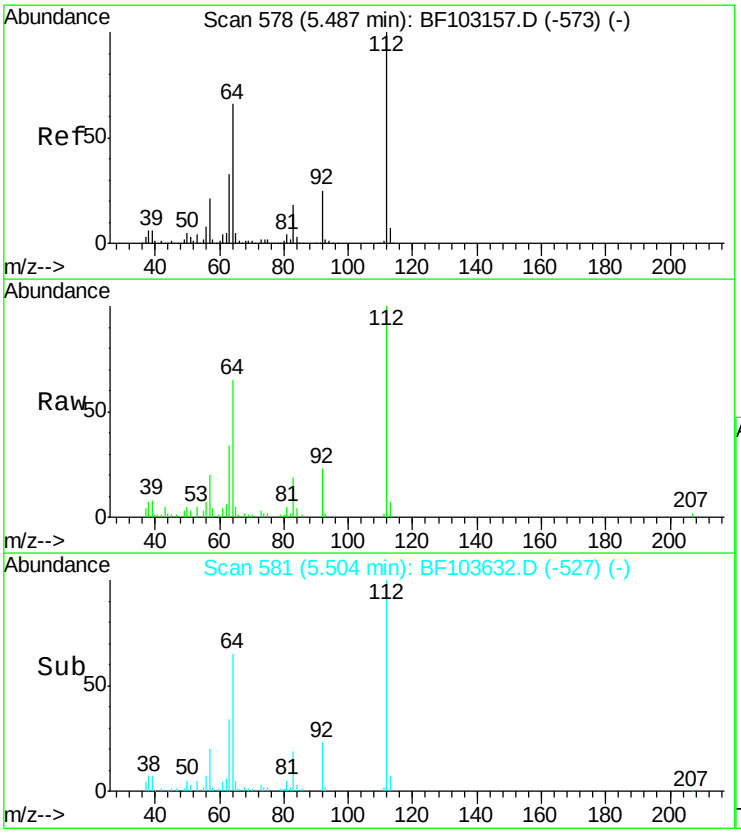


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion:152 Resp: 134138

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	65.1	50.1	75.1

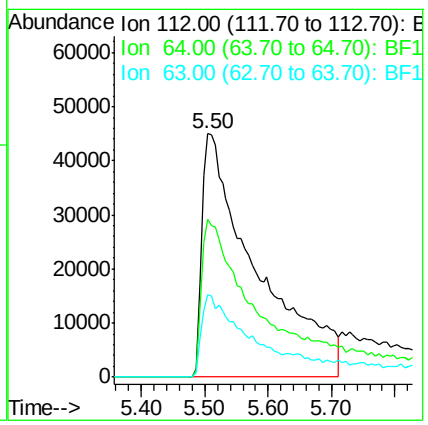


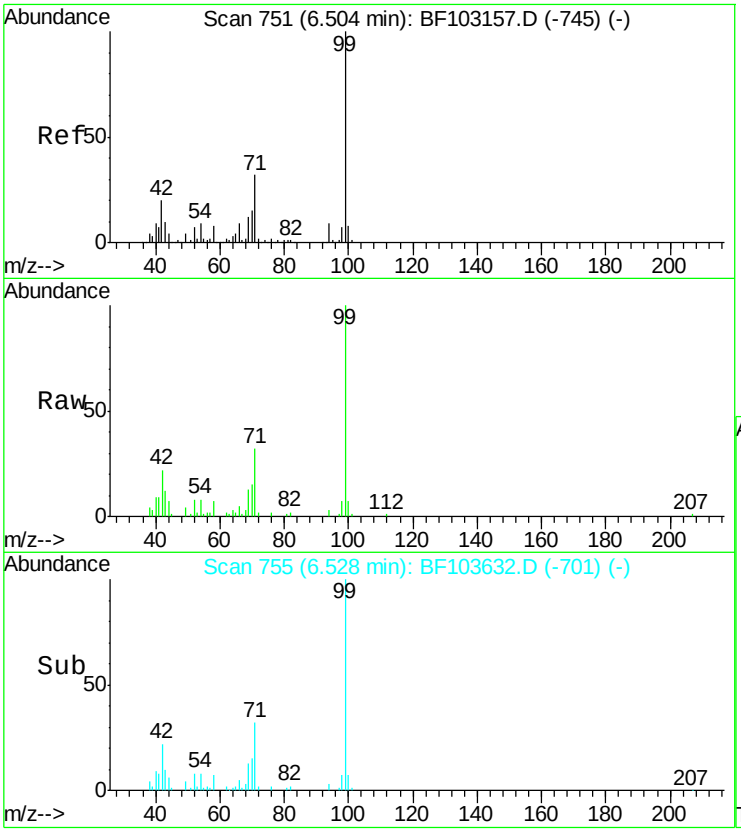


#5
2-Fluorophenol
Concen: 30.282 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion:112 Resp: 268571

Ion	Ratio	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	34.0	23.7	35.5

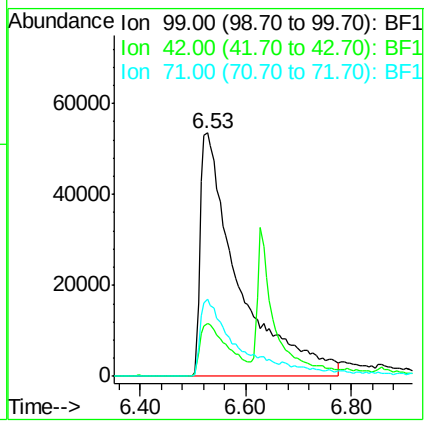


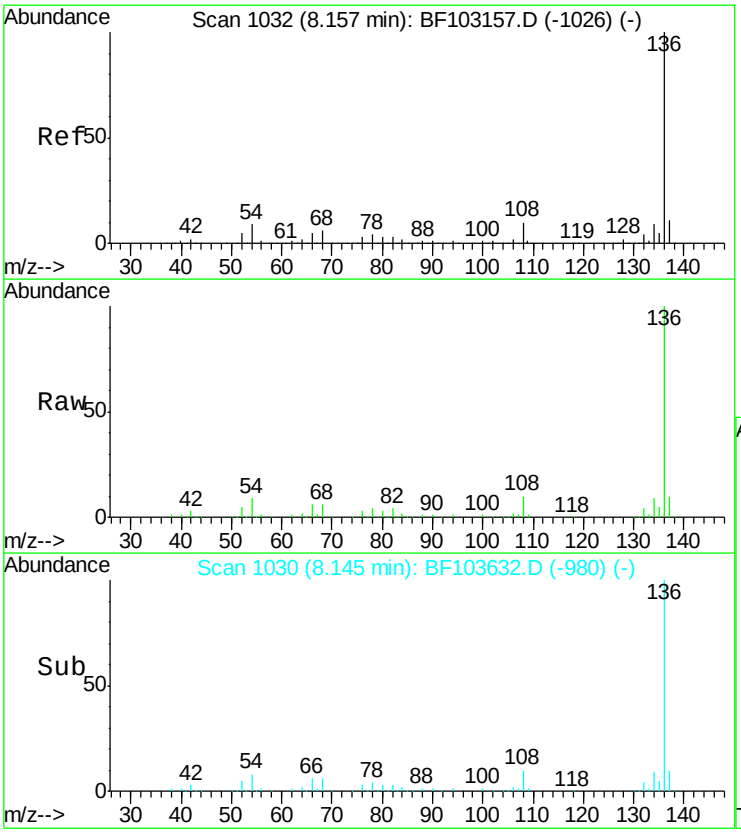


#7
Phenol-d6
Concen: 24.790 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.02 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion: 99 Resp: 269037

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	31.6	25.4	38.0

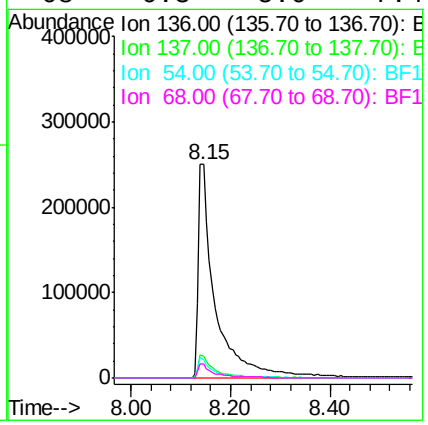


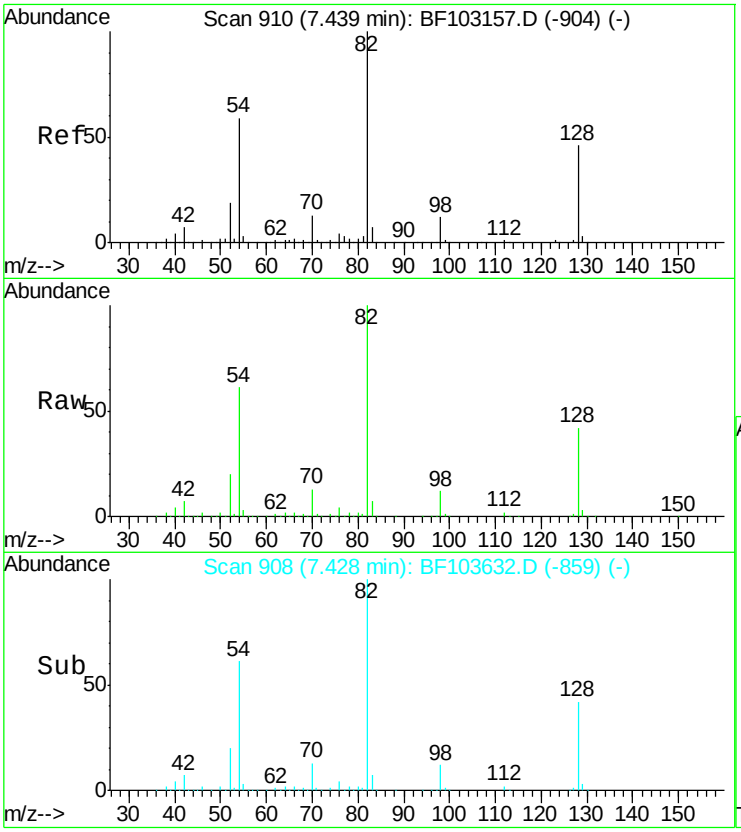


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion:136 Resp: 595619

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.6	6.6	9.8
68	6.3	5.0	7.4

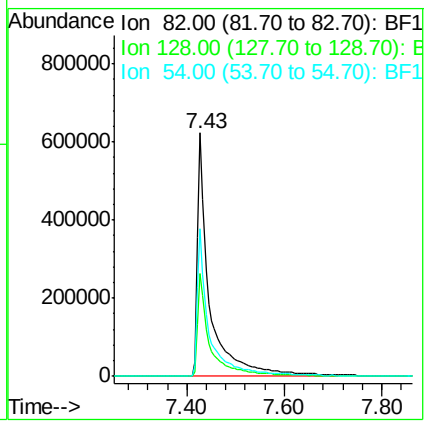


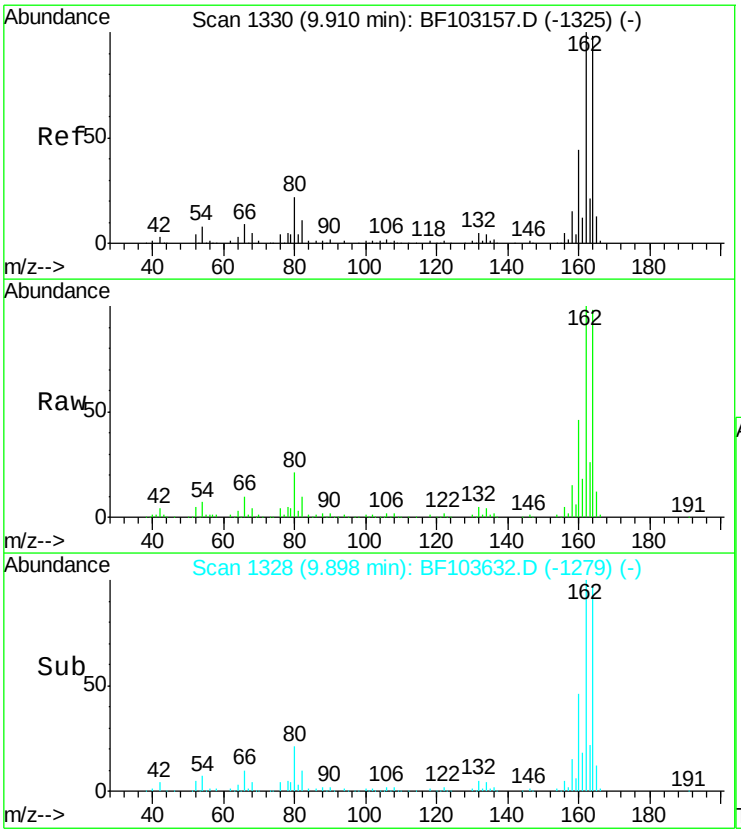


#23
Nitrobenzene-d5
Concen: 106.605 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion: 82 Resp: 1111846

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	60.6	41.4	62.2

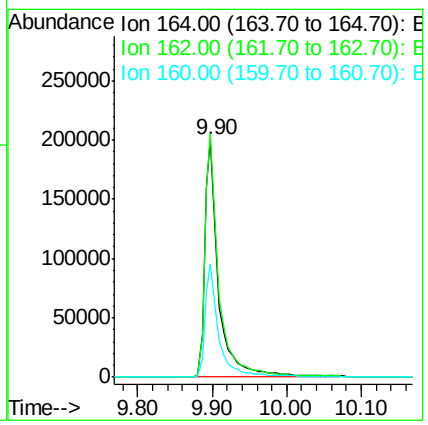


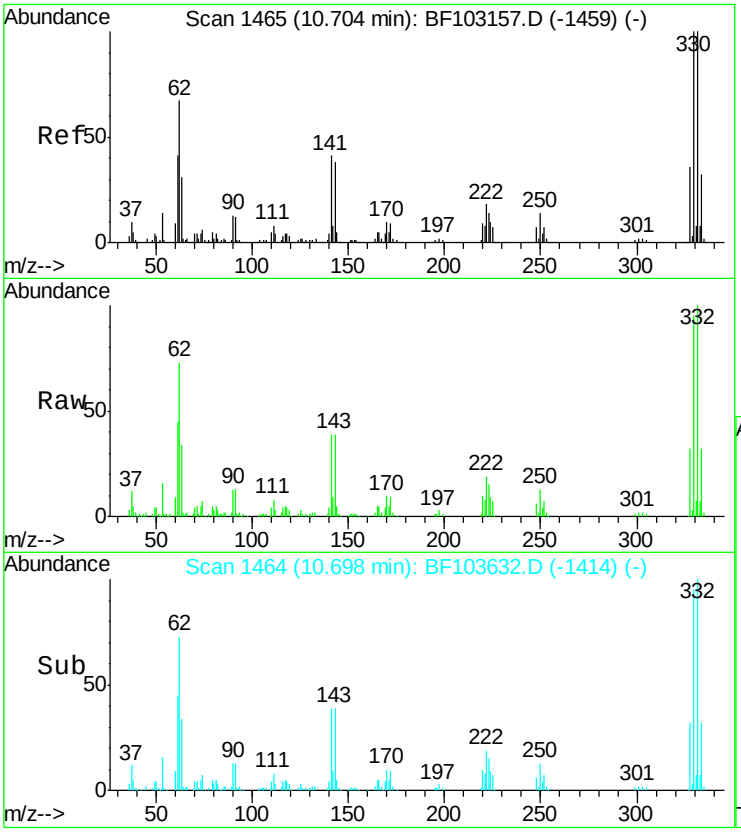


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion:164 Resp: 259638

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	47.3	38.3	57.5

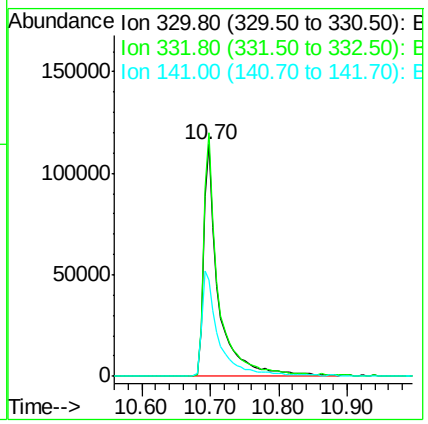


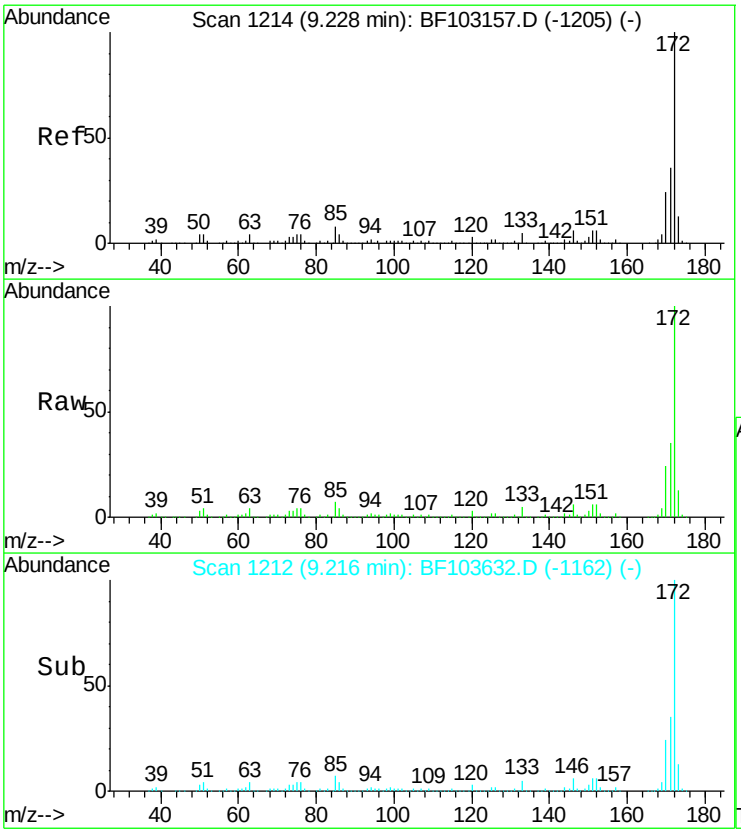


#41
2,4,6-Tribromophenol
Concen: 79.845 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion:330 Resp: 175475

Ion	Ratio	Lower	Upper
330	100		
332	101.8	77.0	115.6
141	50.9	29.9	44.9#

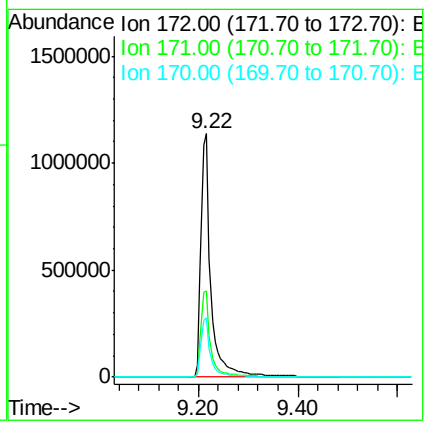


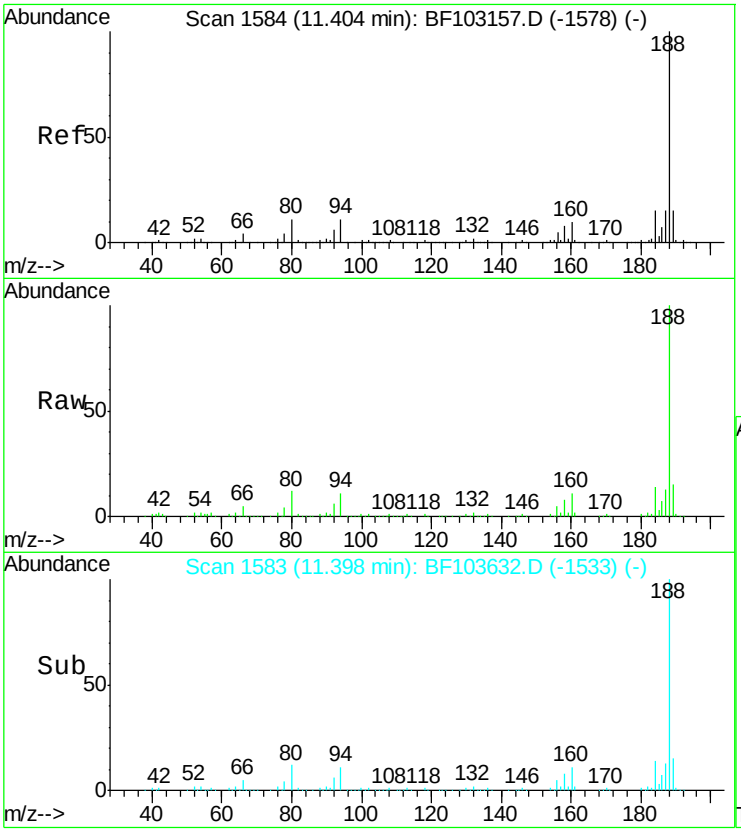


#44
2-Fluorobiphenyl
Concen: 114.314 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion:172 Resp: 1588055

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.2	19.6	29.4

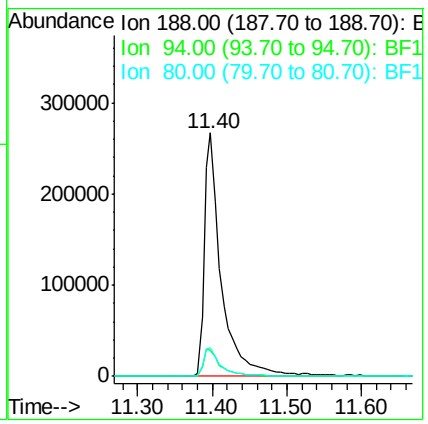


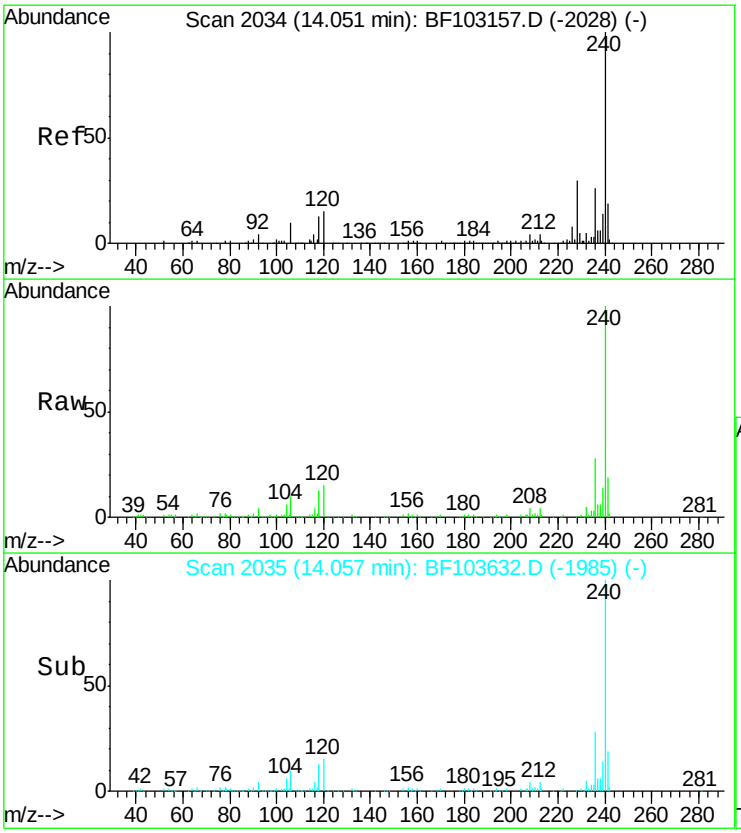


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion:188 Resp: 426080

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.9	9.2	13.8

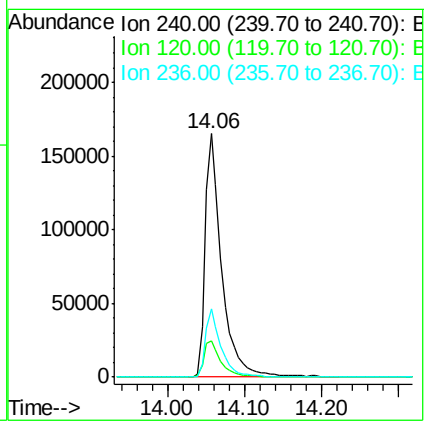


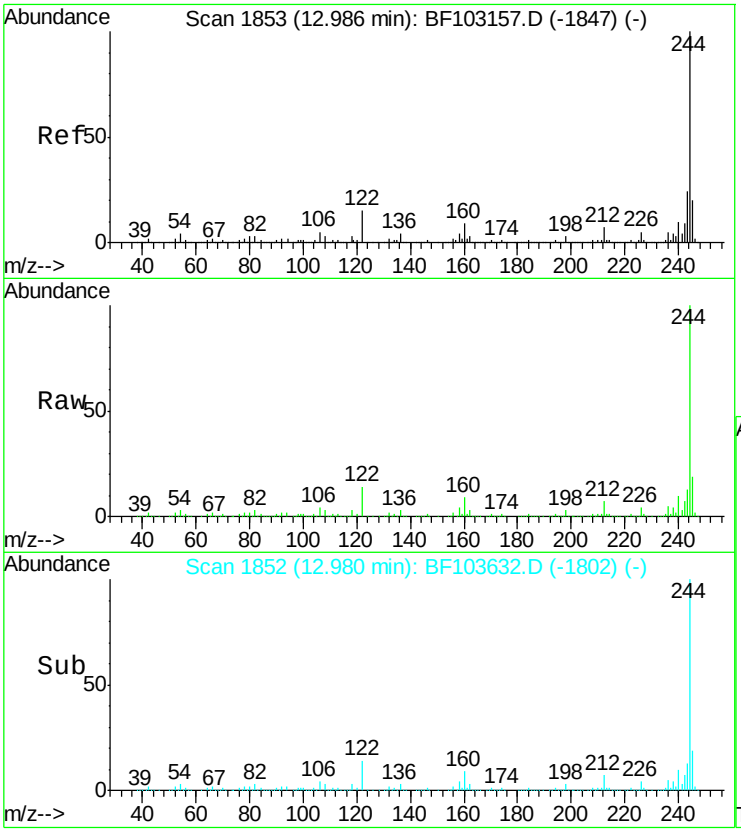


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion:240 Resp: 245628

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	27.9	20.7	31.1

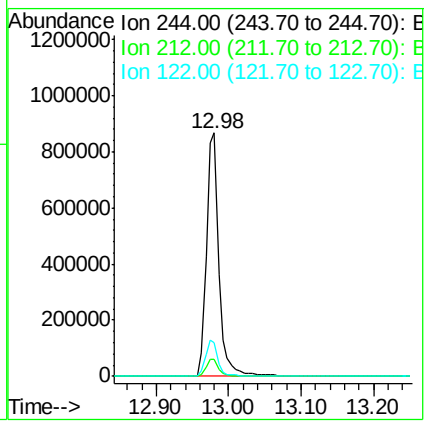


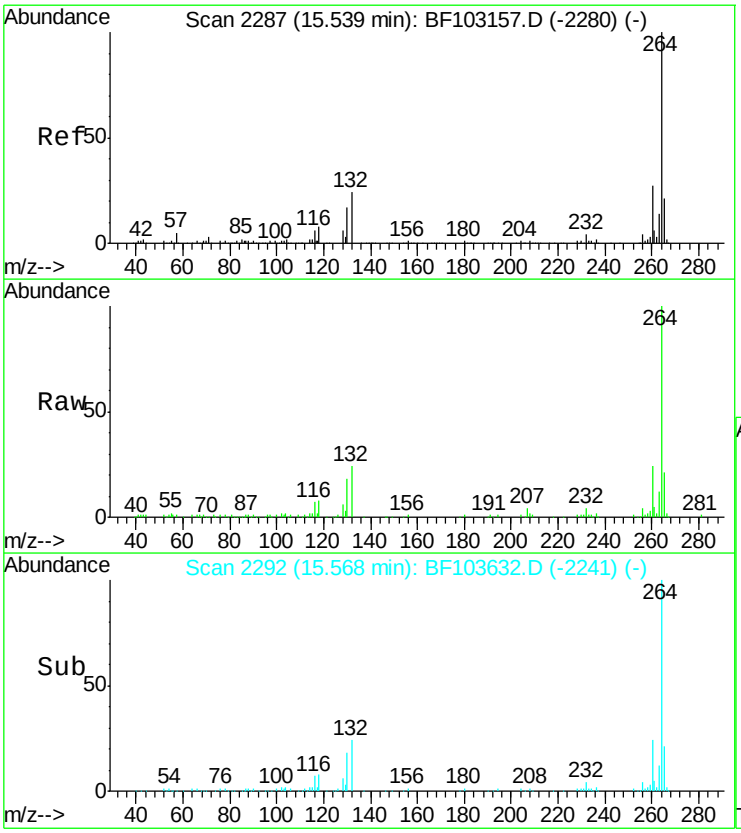


#78
Terphenyl-d14
Concen: 101.252 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion:244 Resp: 1034598

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion:264 Resp: 235787

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	17.5	26.3