Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085517.D
Acq On : 18 Mar 2016 3:25
Operator : UM/SJ
Sample : H1774-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

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Quant Time: Mar 18 04:04:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	143746	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	586854	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	233297	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	408970	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	301932	20.00	ng	-0.05
86) Perylene-d12	15.47	264	284330	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1151570	137.71	ng	-0.02
7) Phenol-d6	6.52	99	1485597	136.96	ng	-0.03
23) Nitrobenzene-d5	7.44	82	903633	91.04	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	305665	142.25	ng	-0.05
44) 2-Fluorobiphenyl	9.25	172	1498246	111.41	ng	-0.03
78) Terphenyl-d14	12.98	244	1036467	77.66	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	304998	17.92	ng	# 98
74) Fluoranthene	12.62	202	74565	3.72	ng	93
77) Pyrene	12.84	202	75060	3.31	ng	97

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

Quantitation Report (LSC Reviewed)

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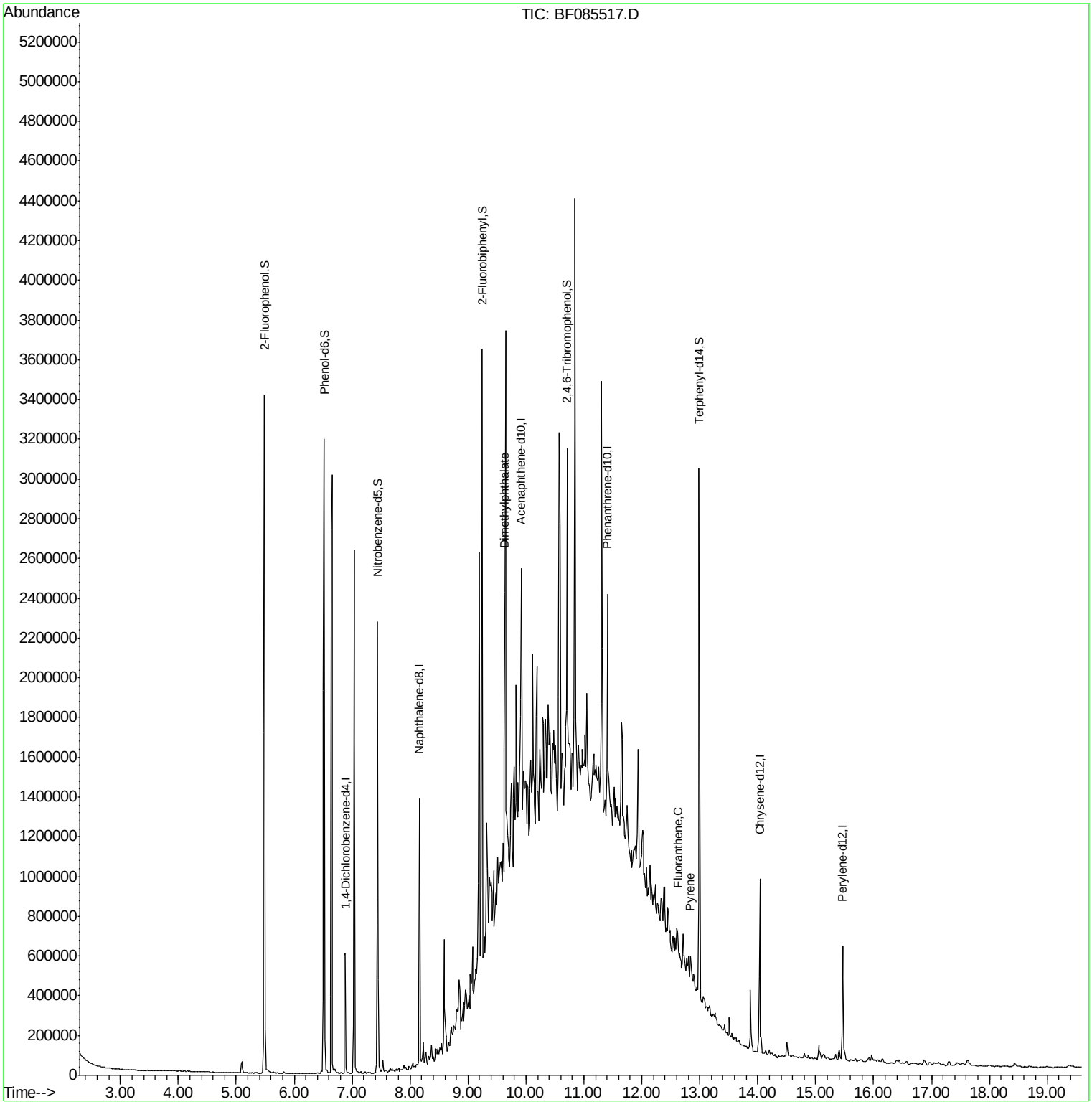
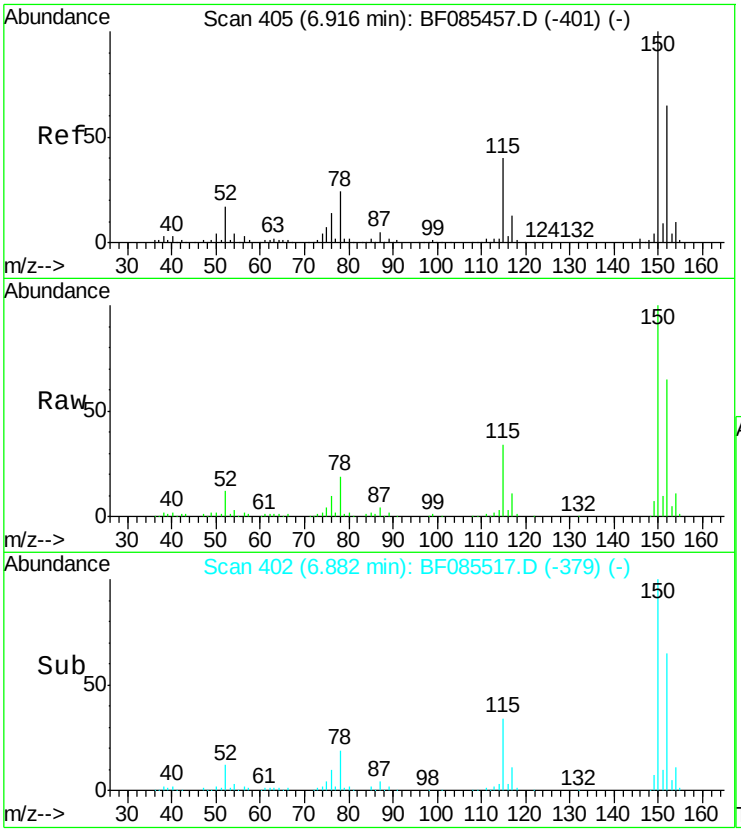
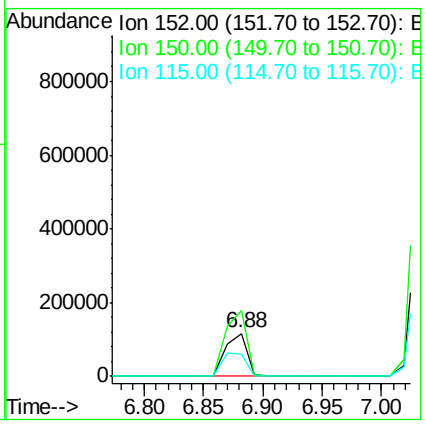




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:152 Resp: 143746

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	52.5	46.6	70.0



Instrument :
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ClientSampleId :
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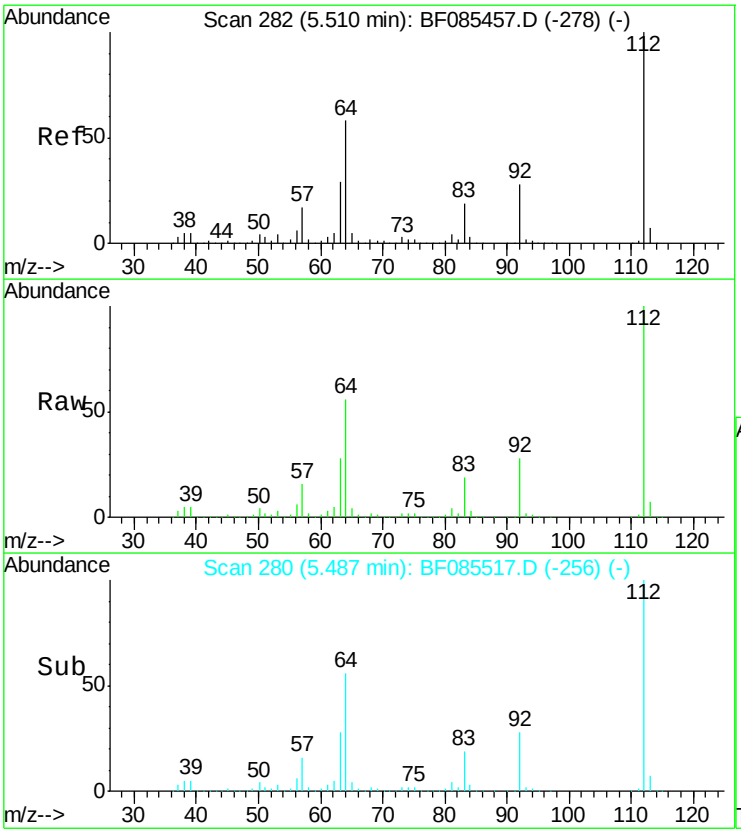
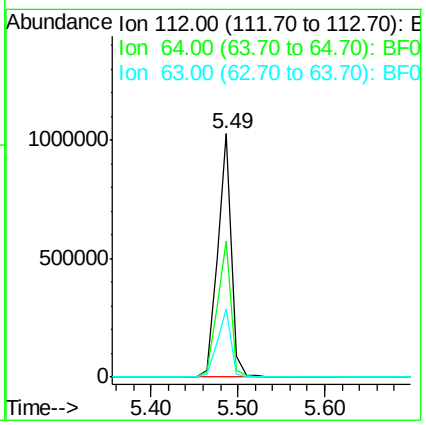
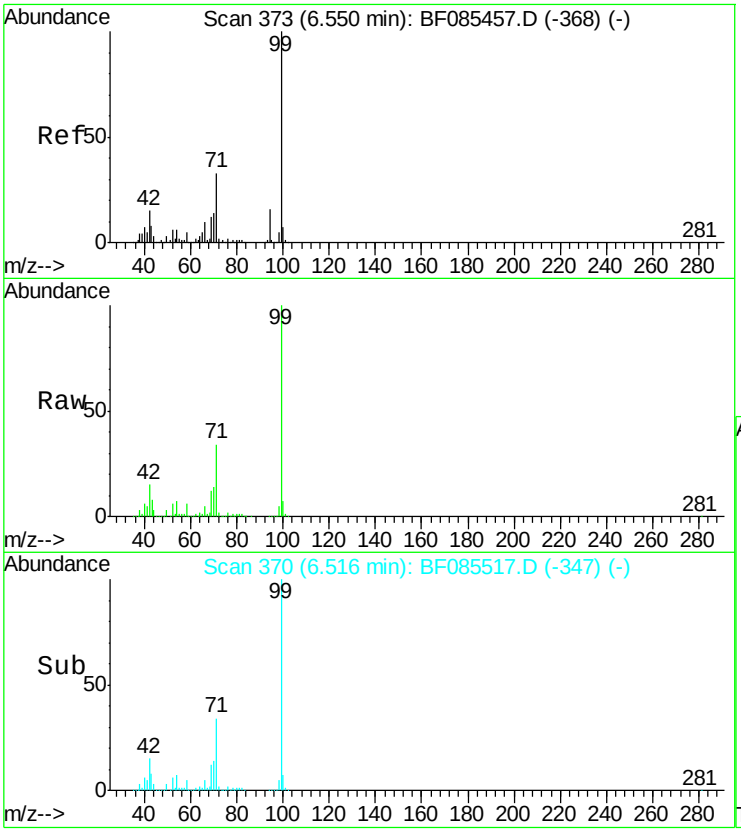


#5
2-Fluorophenol
Concen: 137.71 ng
RT: 5.49 min Scan# 280
Delta R.T. -0.02 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:112 Resp: 1151570

Ion	Ratio	Lower	Upper
112	100		
64	55.8	49.0	73.4
63	28.2	24.8	37.2

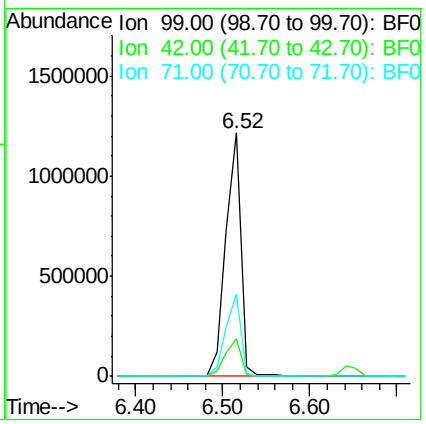




#7
Phenol-d6
Concen: 136.96 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion: 99 Resp: 1485597

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.6	20.4
71	33.9	26.7	40.1



Instrument :
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ClientSampleId :
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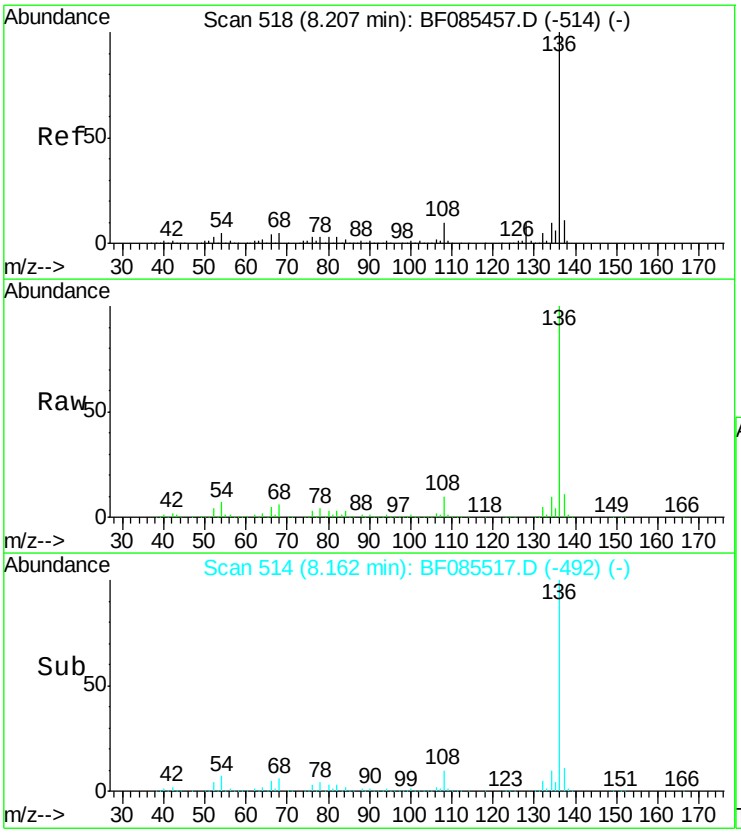
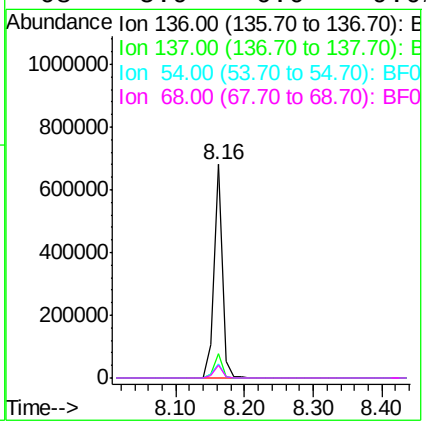
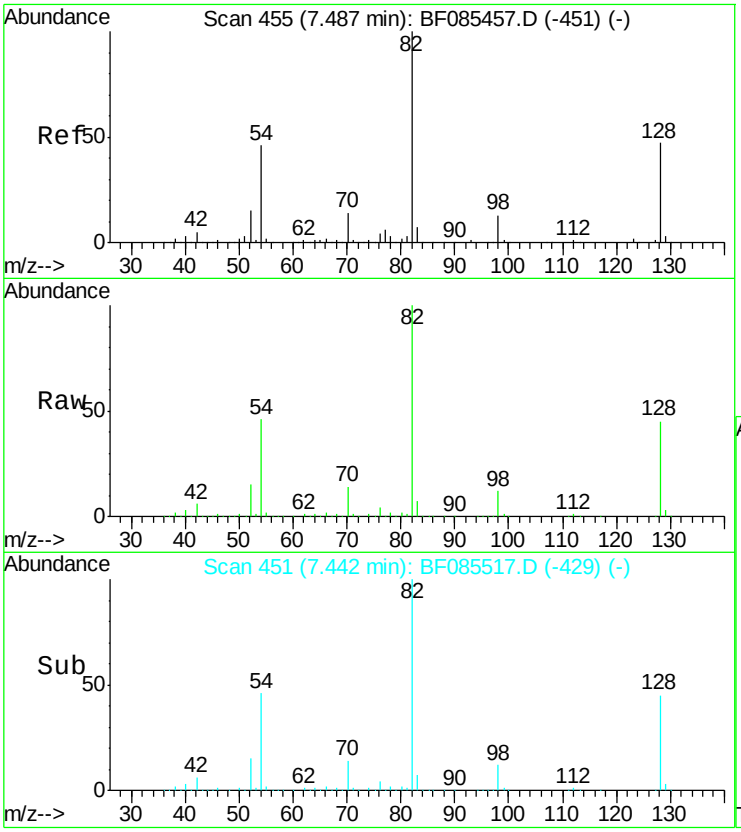


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:136 Resp: 586854

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	6.8	7.4	11.2#
68	5.9	6.0	9.0#

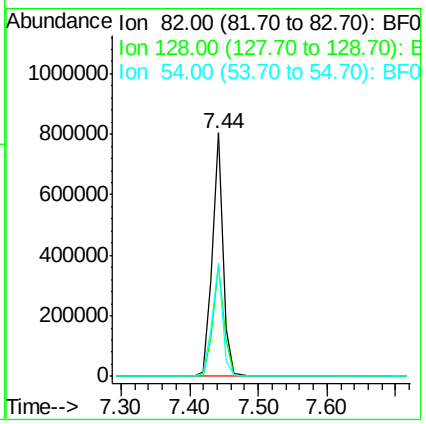




#23
Nitrobenzene-d5
Concen: 91.04 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion: 82 Resp: 903633

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.5	51.7
54	46.5	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Manual Integrations APPROVED
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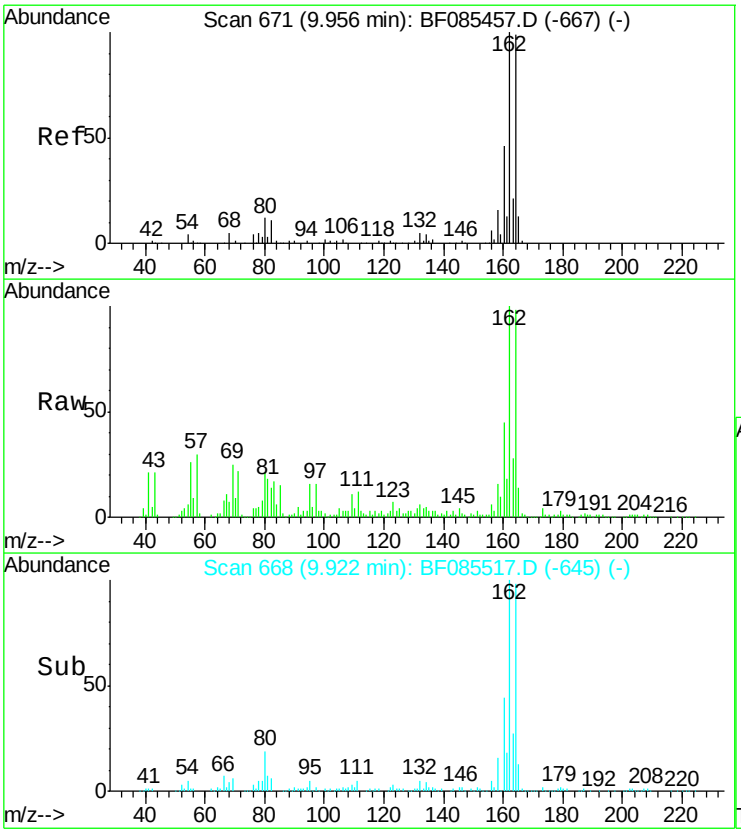
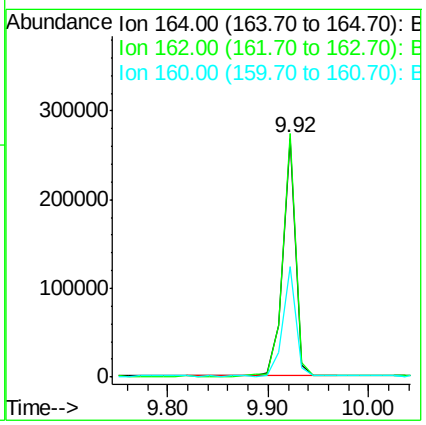
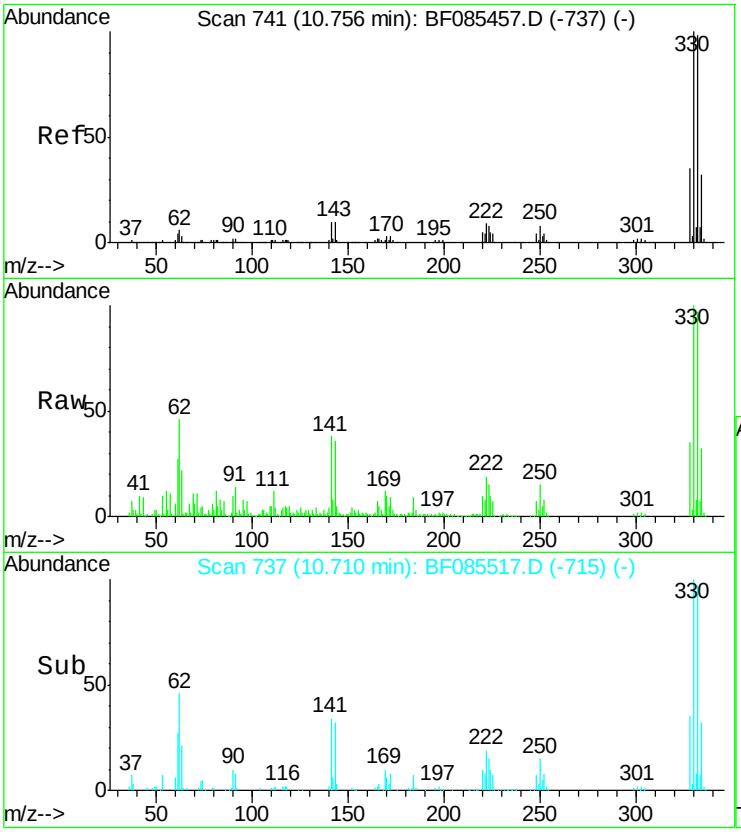


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:164 Resp: 233297

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.3	124.9
160	46.1	37.9	56.9

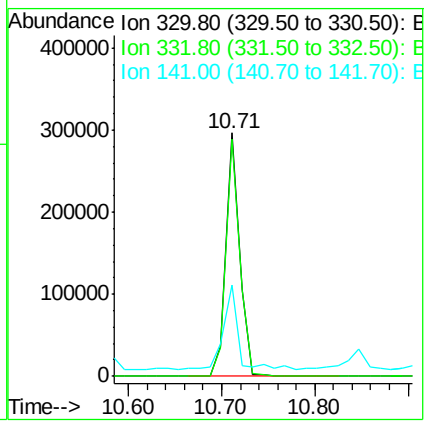




#41
2,4,6-Tribromophenol
Concen: 142.25 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:330 Resp: 305665

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.1	115.7
141	34.0	35.0	52.6#



Instrument :
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ClientSampleId :
SB-09-COMP

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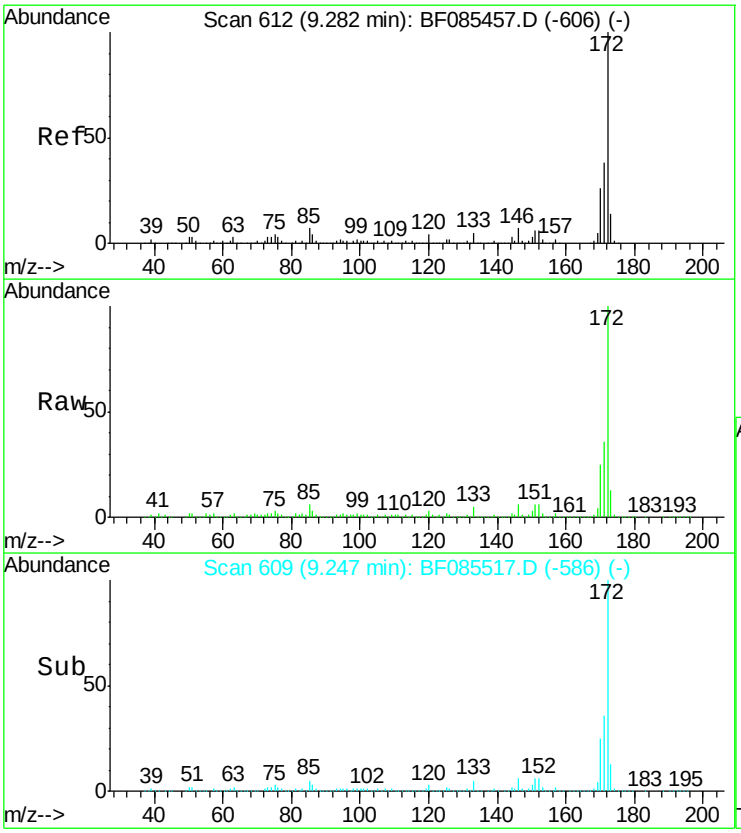
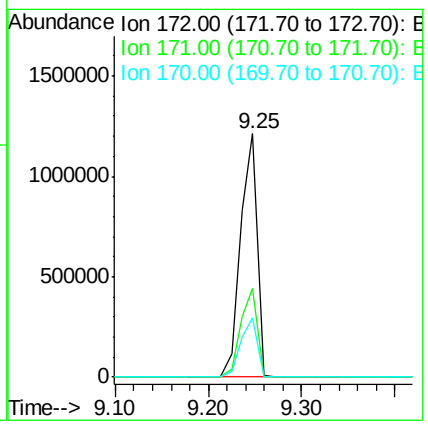
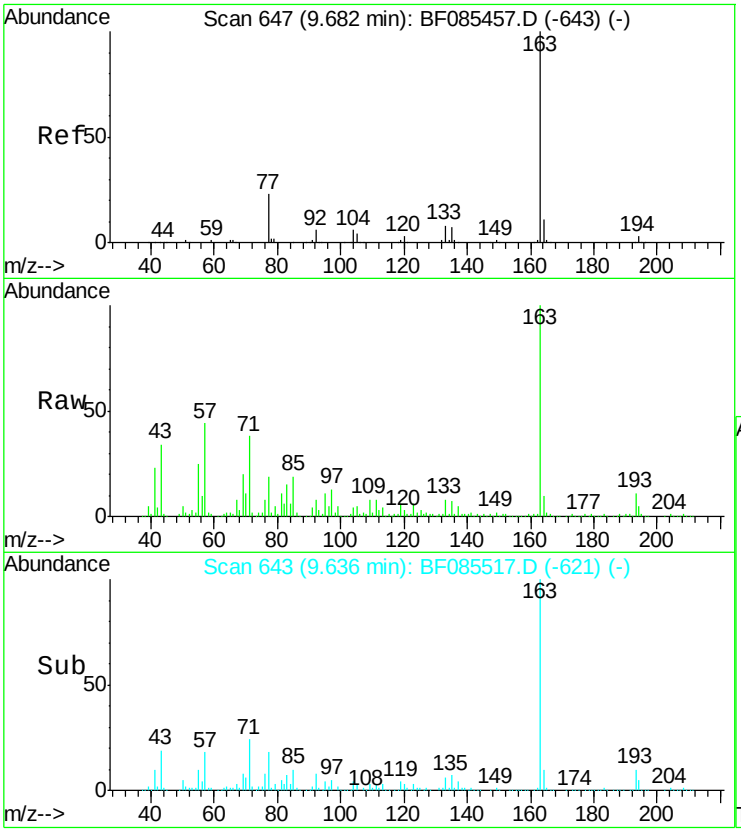


#44
2-Fluorobiphenyl
Concen: 111.41 ng
RT: 9.25 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:172 Resp: 1498246

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	24.6	20.0	30.0

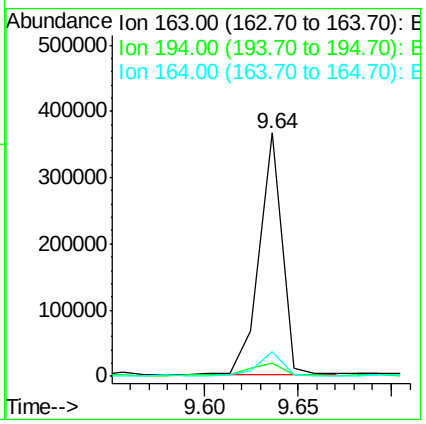




#49
Dimethylphthalate
Concen: 17.92 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:163 Resp: 304998

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.1	4.7#
164	10.1	8.2	12.4



Instrument :
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ClientSampleId :
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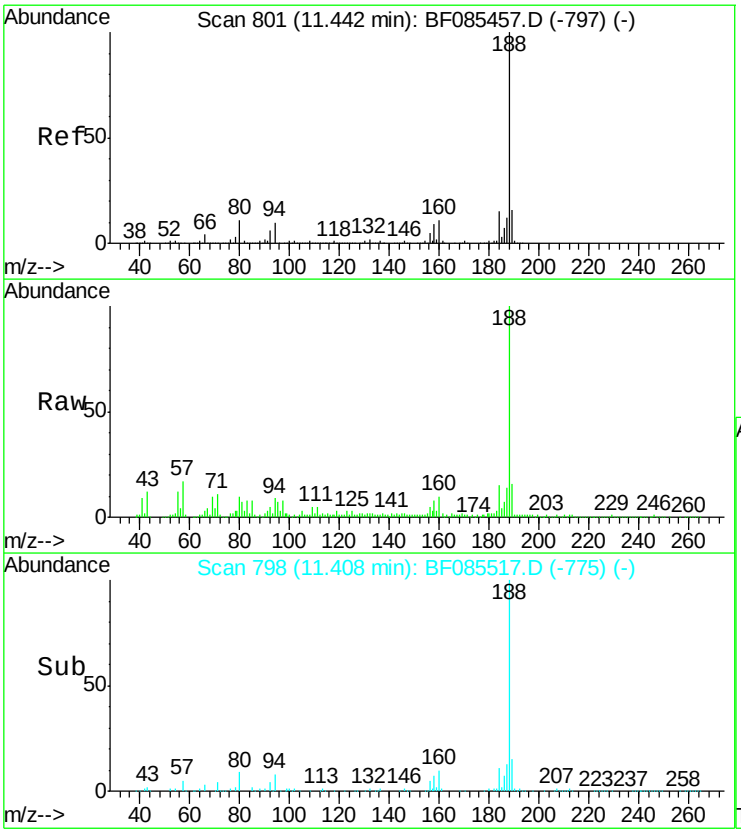
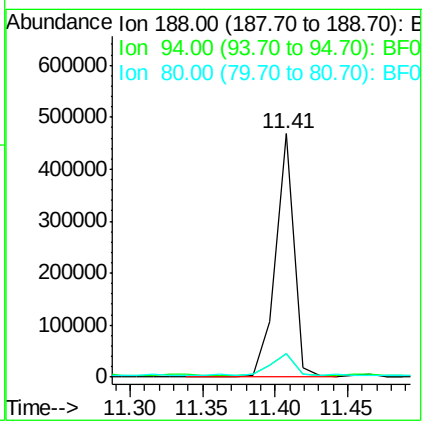
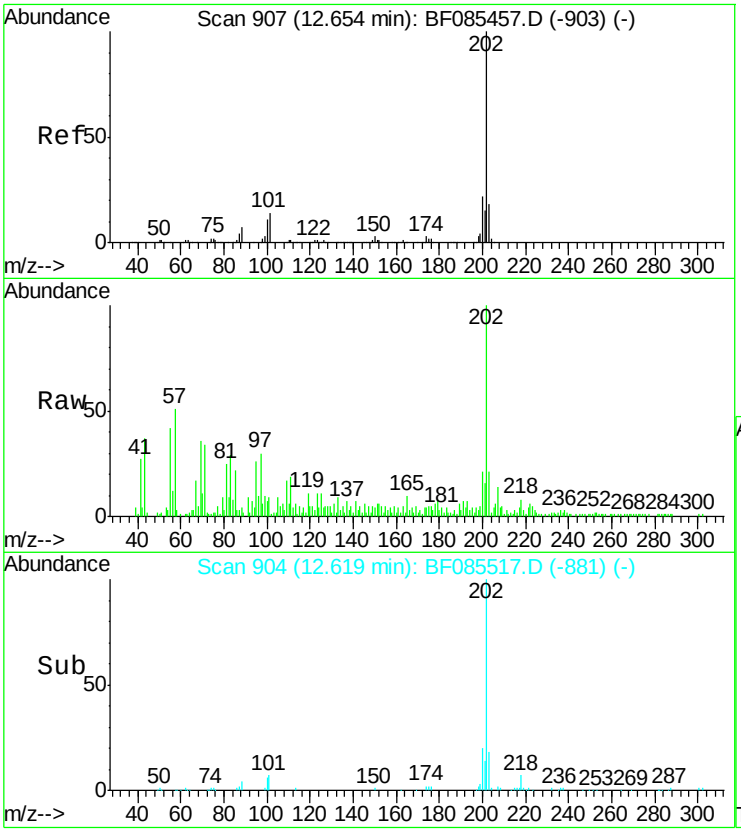


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:188 Resp: 408970

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	9.5	7.4	11.0

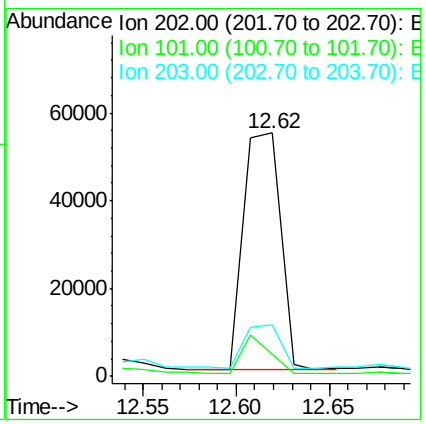




#74
Fluoranthene
Concen: 3.72 ng
RT: 12.62 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:202 Resp: 74565

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	31.8
203	21.2	0.0	38.4



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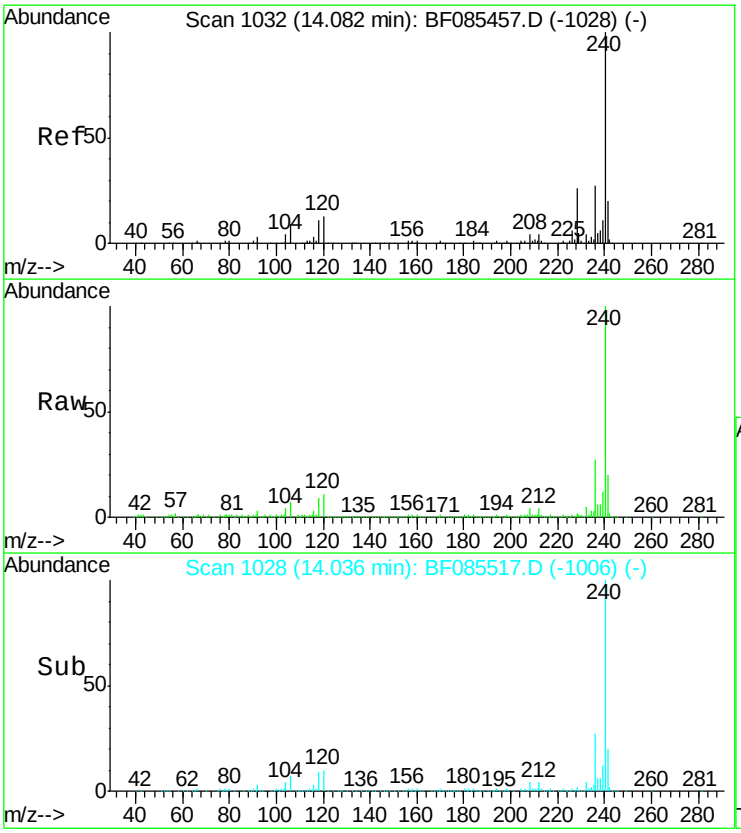
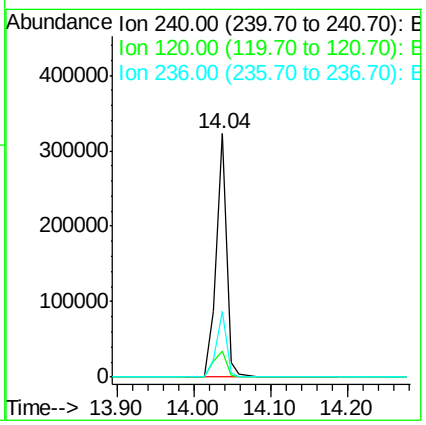
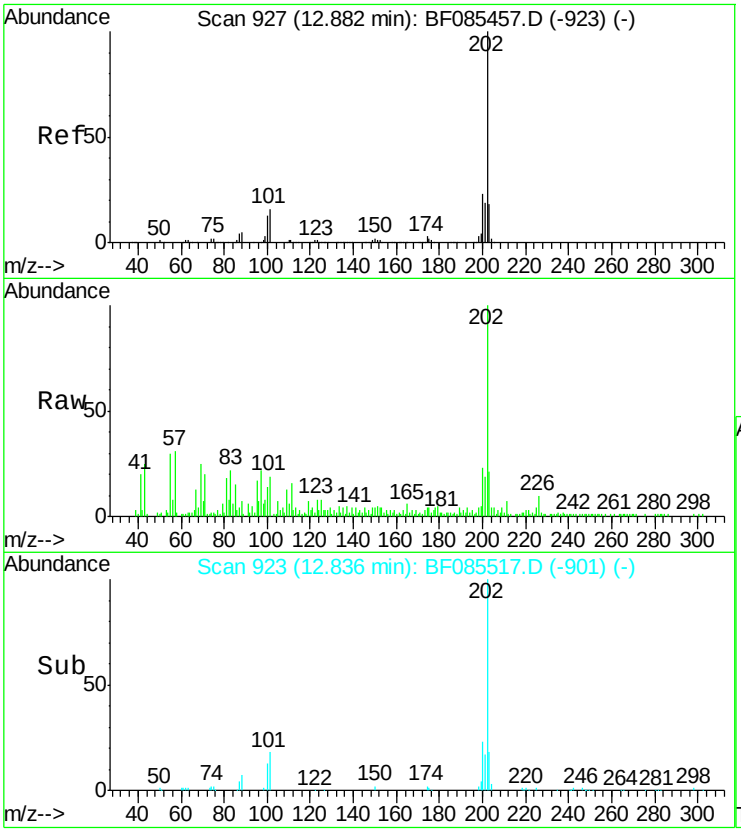


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:240 Resp: 301932

Ion	Ratio	Lower	Upper
240	100		
120	10.5	5.3	7.9#
236	26.8	20.7	31.1

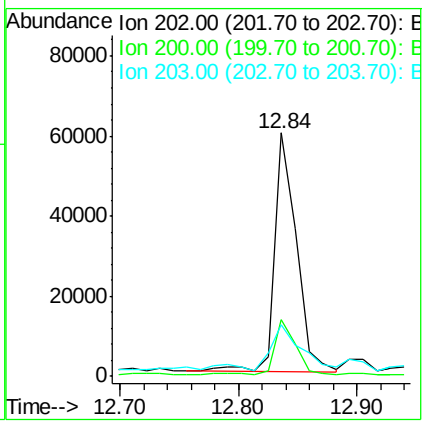




#77
Pyrene
Concen: 3.31 ng
RT: 12.84 min Scan# 923
Delta R.T. -0.05 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:202 Resp: 75060

Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.4
203	21.0	14.7	22.1



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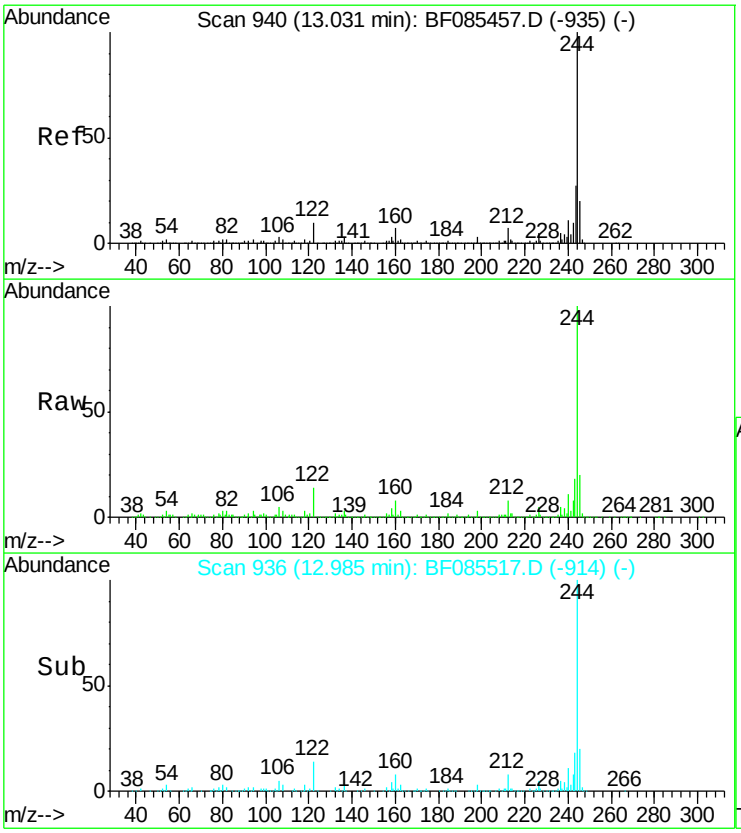
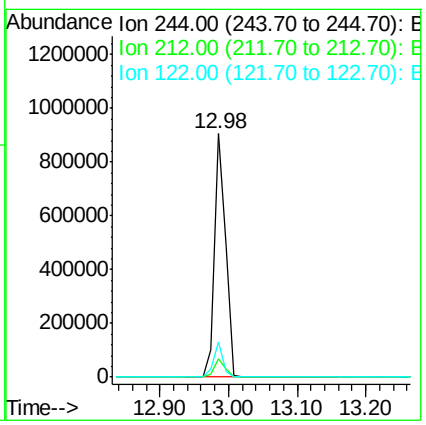
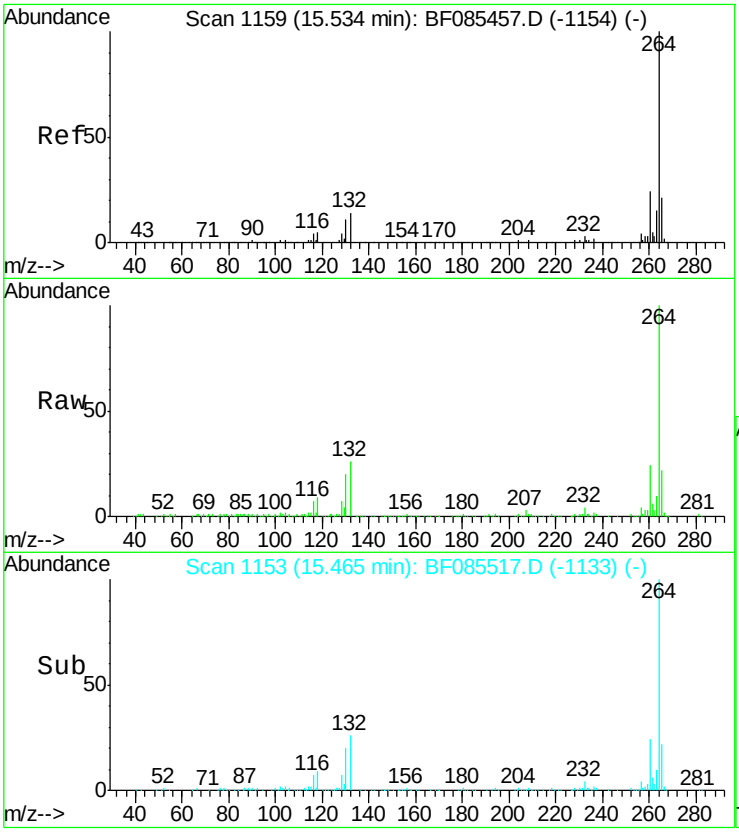


#78
Terphenyl-d14
Concen: 77.66 ng
RT: 12.98 min Scan# 936
Delta R.T. -0.05 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:244 Resp: 1036467

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	14.4	11.4	17.2

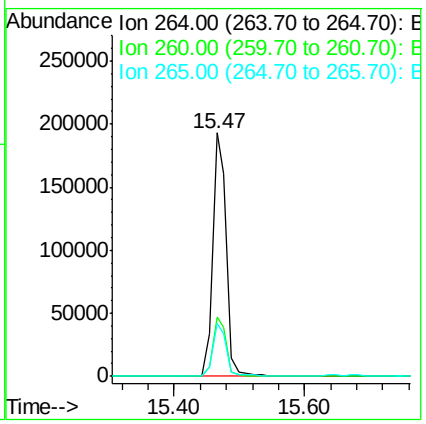




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085517.D
Acq: 18 Mar 2016 3:25

Tgt Ion:264 Resp: 284330

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.3	25.9



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