Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085647.D
Acq On : 22 Mar 2016 5:17
Operator : UM/SJ
Sample : H1840-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

Manual Integrations APPROVED
Sohil
3/22/2016 5:34:44 PM

Quant Time: Mar 22 16:36:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121926	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	392911	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	158382	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	268612	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	239444	20.00	ng	-0.01
86) Perylene-d12	15.42	264	240411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	961535	132.46	ng	-0.01
7) Phenol-d6	6.48	99	1167912	125.45	ng	-0.01
23) Nitrobenzene-d5	7.41	82	684959	101.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	212985	137.28	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	973120	114.73	ng	-0.01
78) Terphenyl-d14	12.95	244	825328	82.94	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.85	142	151153	12.50	ng	# 96
49) Dimethylphthalate	9.60	163	162017	13.56	ng	# 77
51) Acenaphthene	9.92	154	104529	10.31	ng	# 90
57) Fluorene	10.45	166	192402	18.70	ng	# 91
70) Phenanthrene	11.40	178	578698	40.86	ng	# 95
74) Fluoranthene	12.58	202	228721	15.42	ng	90
77) Pyrene	12.80	202	215032	12.51	ng	97
80) Benzo(a)anthracene	13.99	228	73888	5.32	ng	96
82) Chrysene	14.03	228	56732m	4.24	ng	
85) Indeno(1,2,3-cd)pyrene	16.80	276	26075	2.33	ng	93
87) Benzo(b)fluoranthene	15.01	252	76454m	4.87	ng	
89) Benzo(a)pyrene	15.36	252	52469m	3.95	ng	
91) Benzo(g,h,i)perylene	17.23	276	21783	2.03	ng	96

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085647.D
Acq On : 22 Mar 2016 5:17
Operator : UM/SJ
Sample : H1840-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 22 16:36:13 2016
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Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

Manual Integrations APPROVED
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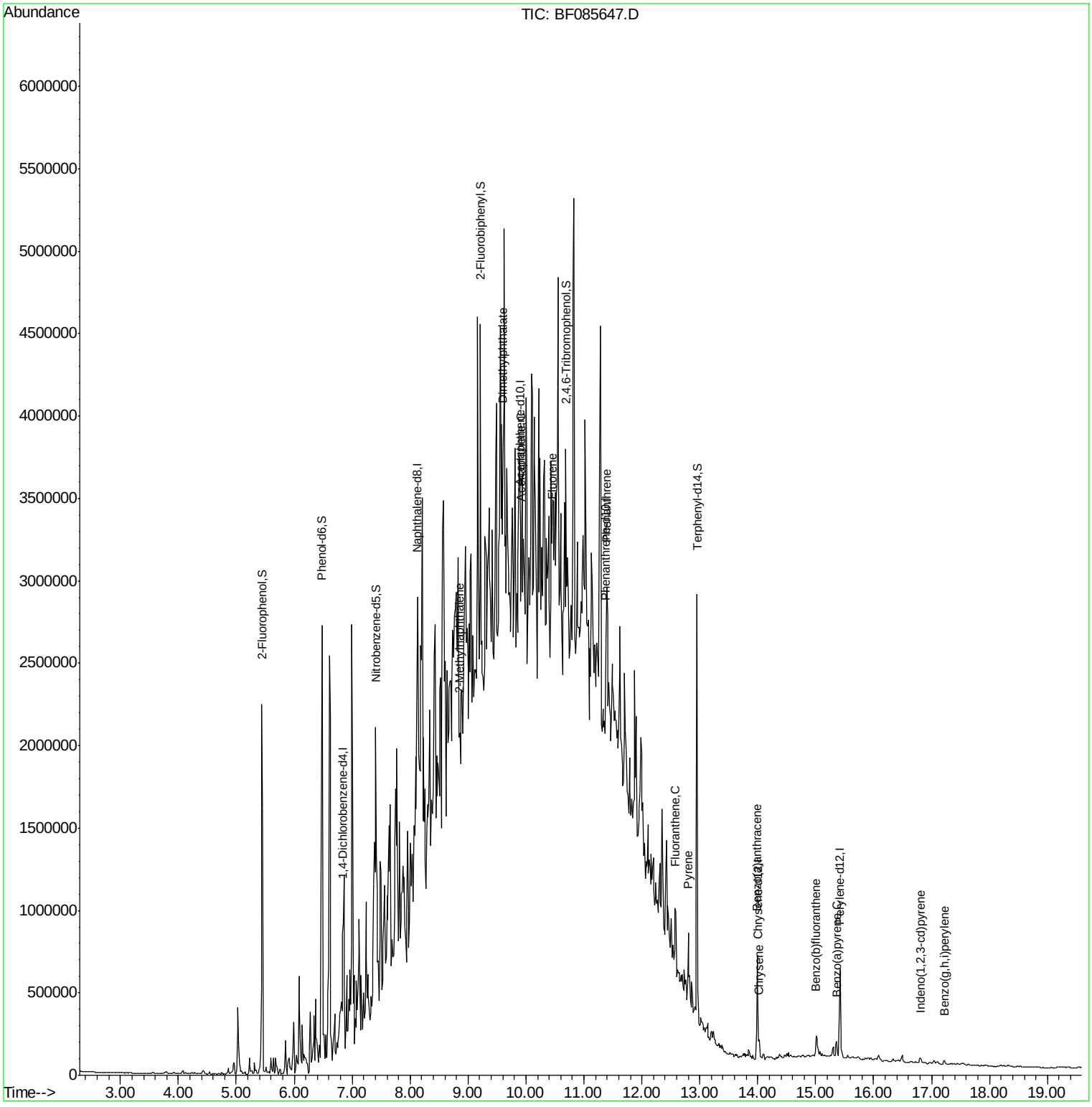
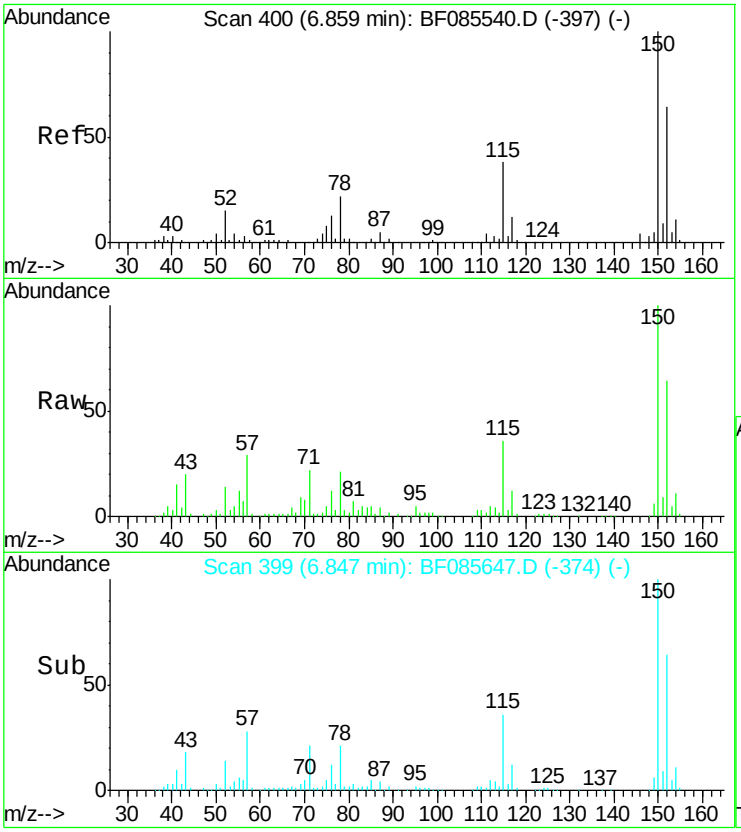
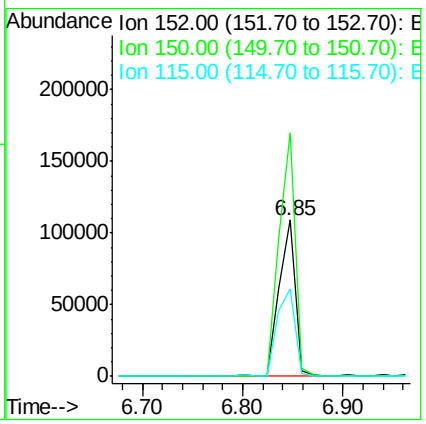




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:152 Resp: 121926

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.2
115	55.8	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

Manual Integrations APPROVED
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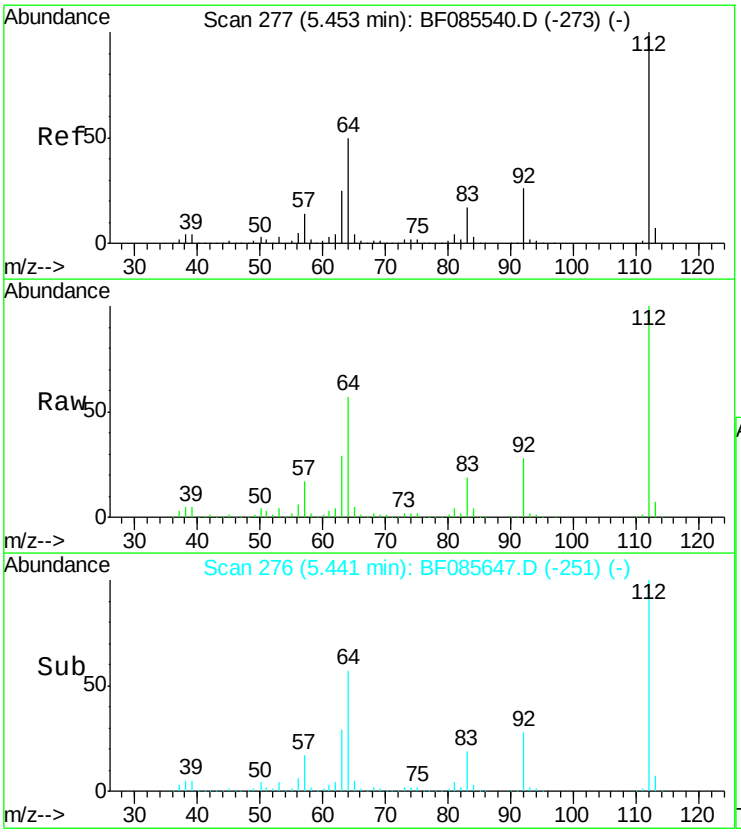
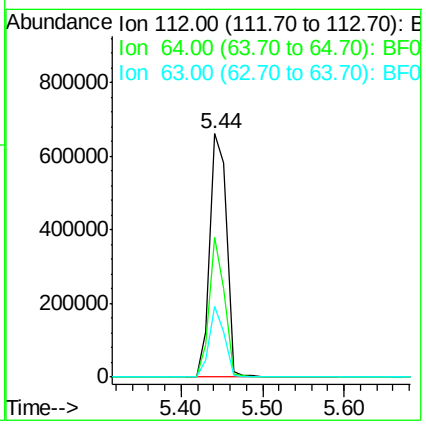
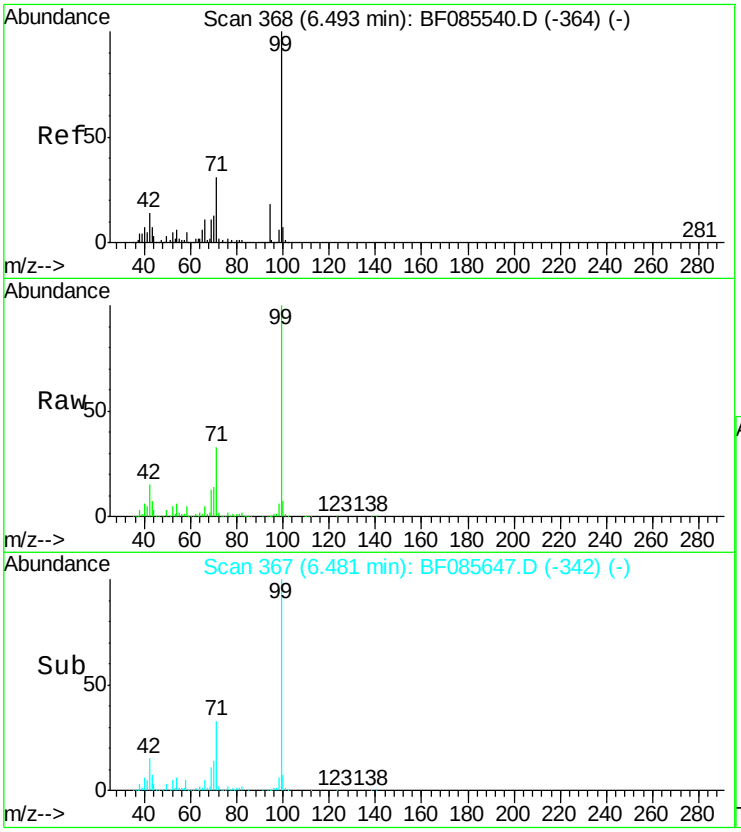


#5
2-Fluorophenol
Concen: 132.46 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:112 Resp: 961535

Ion	Ratio	Lower	Upper
112	100		
64	57.4	39.9	59.9
63	29.0	20.2	30.2

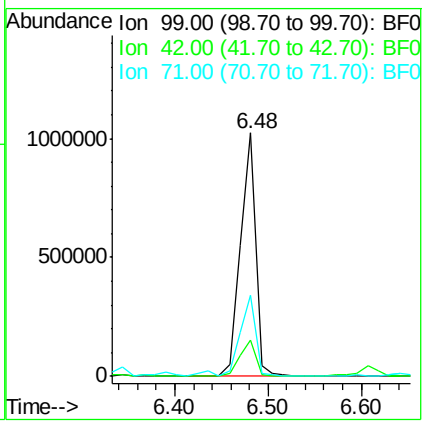




#7
Phenol-d6
Concen: 125.45 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion: 99 Resp: 1167912

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.1	16.7
71	33.3	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

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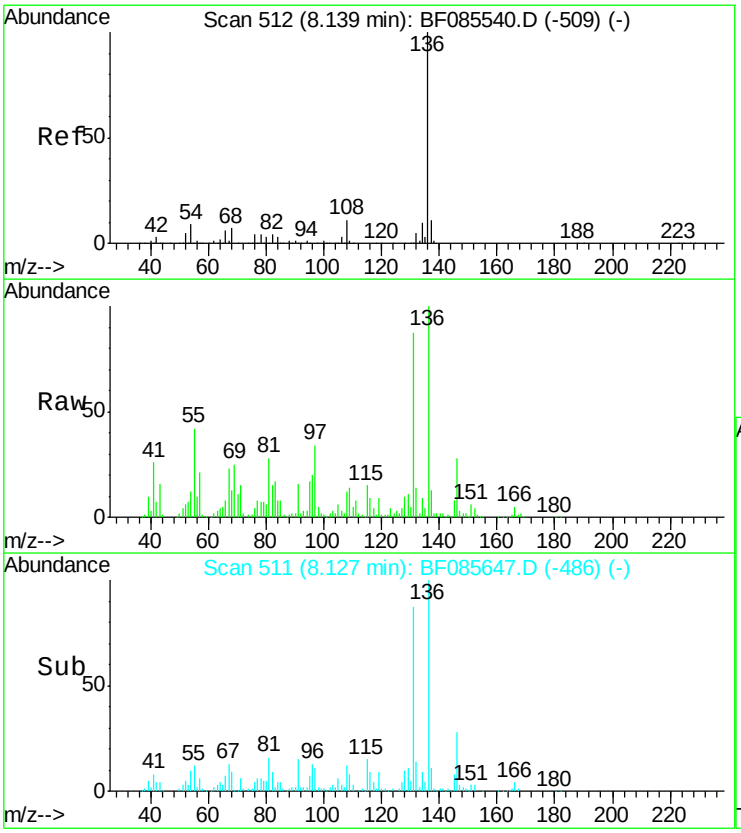
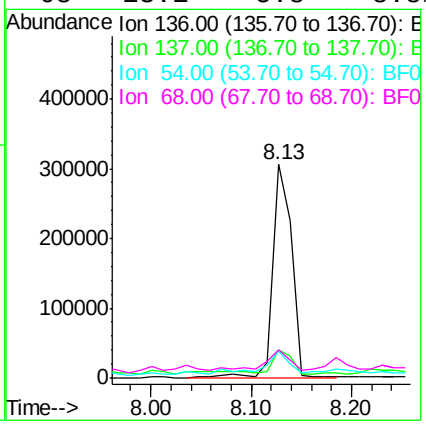
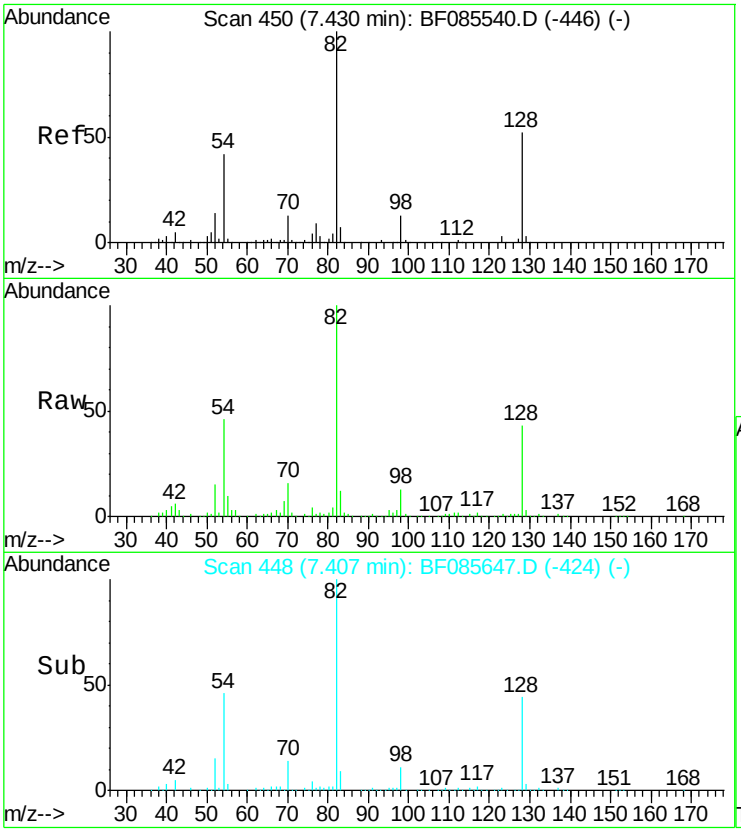


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:136 Resp: 392911

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.1	13.7
54	12.4	7.4	11.0#
68	13.1	5.8	8.8#

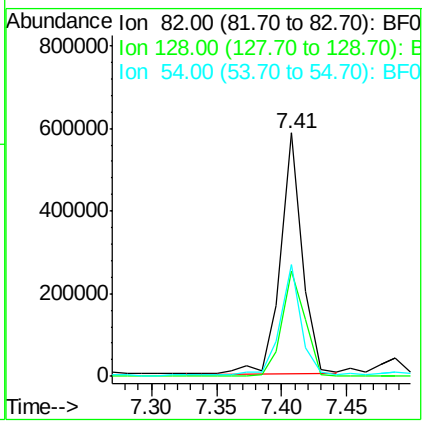




#23
Nitrobenzene-d5
Concen: 101.19 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion: 82 Resp: 684959

Ion	Ratio	Lower	Upper
82	100		
128	43.2	41.8	62.8
54	45.7	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

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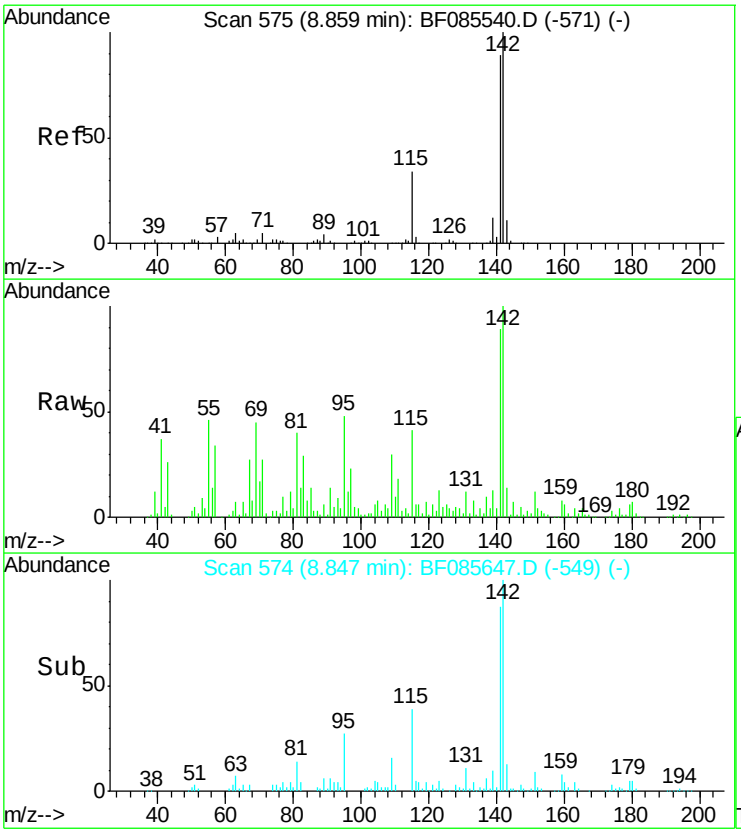
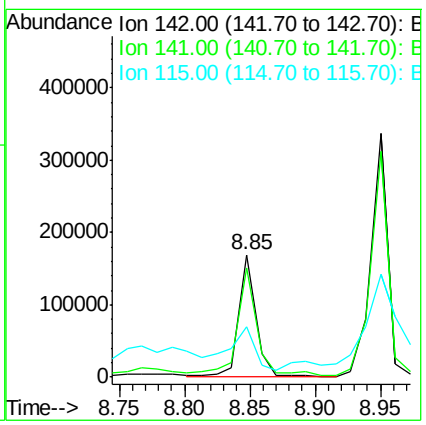
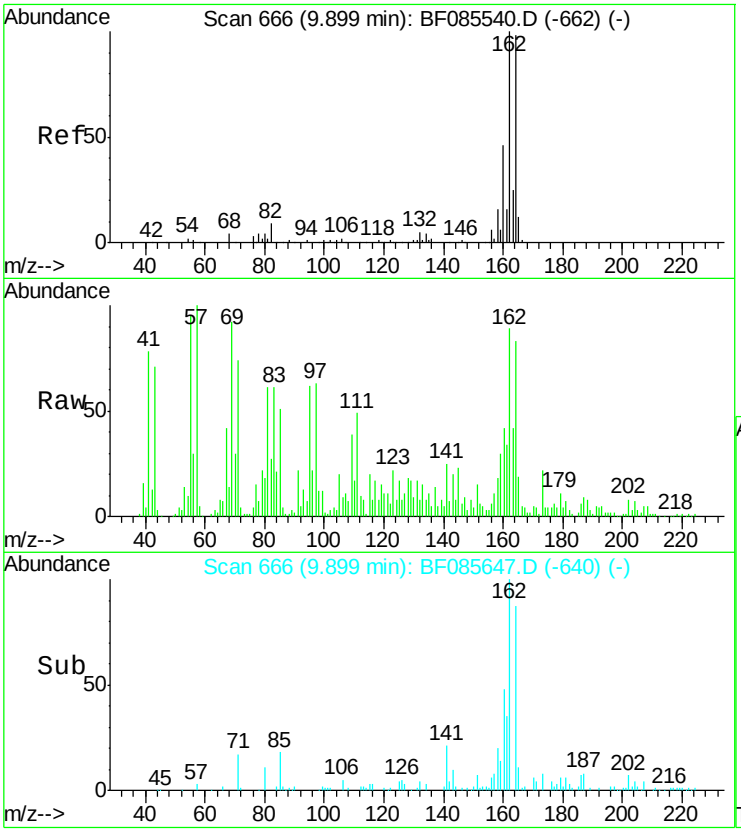


#37
2-Methylnaphthalene
Concen: 12.50 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:142 Resp: 151153

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.6	107.4
115	41.4	26.8	40.2#

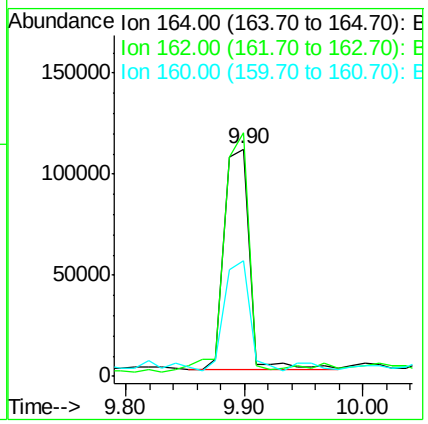




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:164 Resp: 158382

Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.1	123.1
160	51.0	37.4	56.2



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

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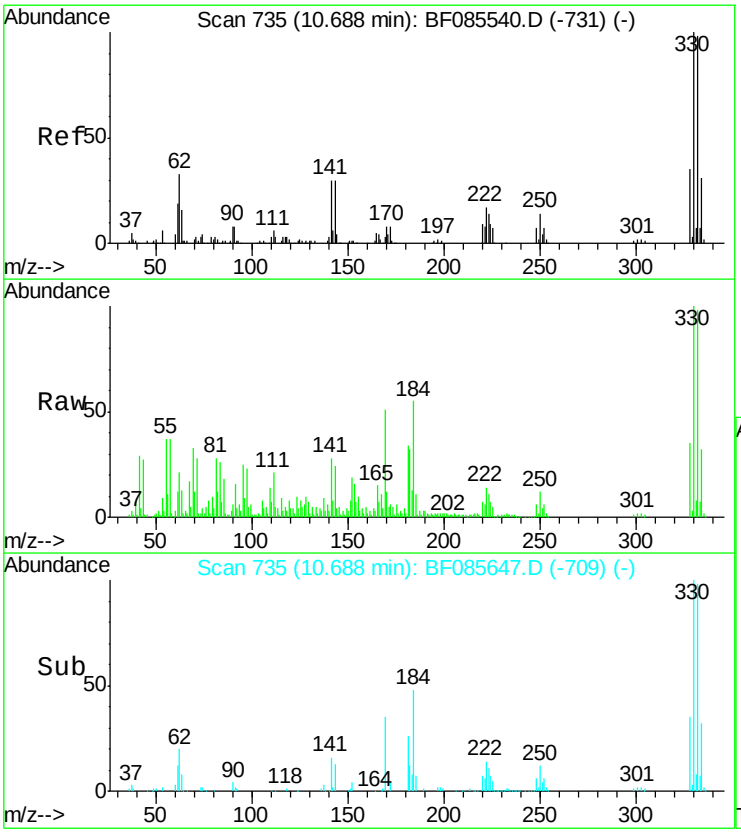
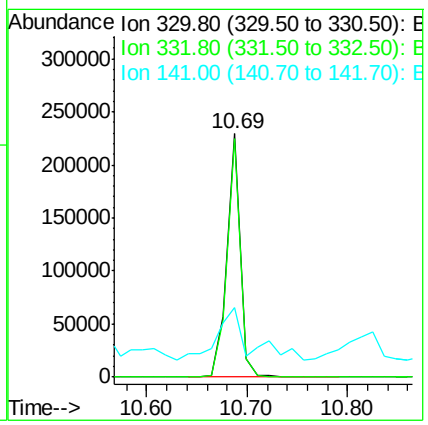
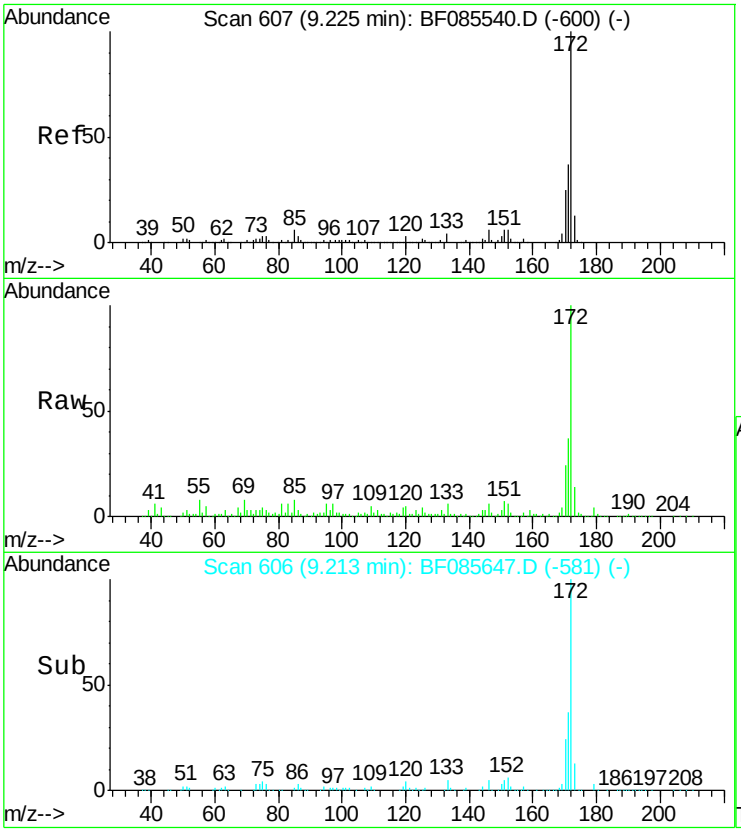


#41
2,4,6-Tribromophenol
Concen: 137.28 ng
RT: 10.69 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:330 Resp: 212985

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.2
141	41.0	31.5	47.3

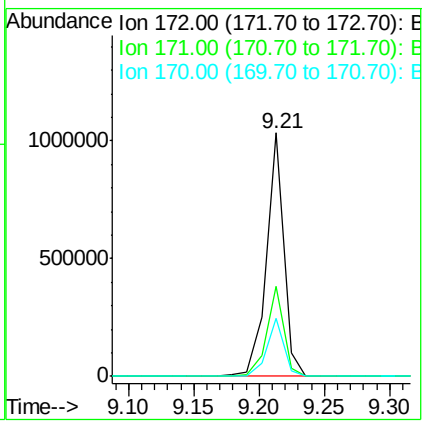




#44
2-Fluorobiphenyl
Concen: 114.73 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:172 Resp: 973120

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	24.0	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

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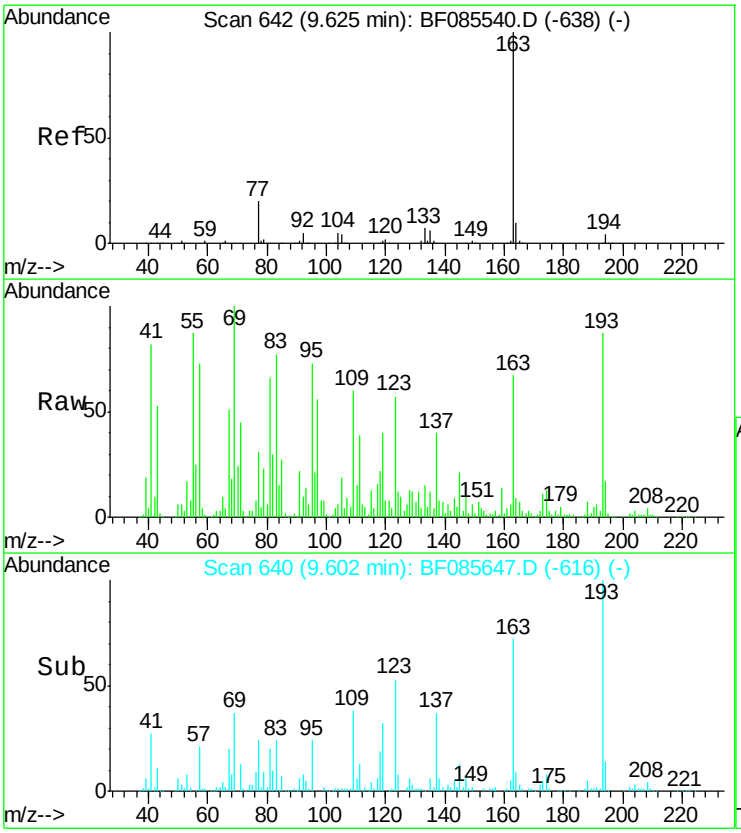
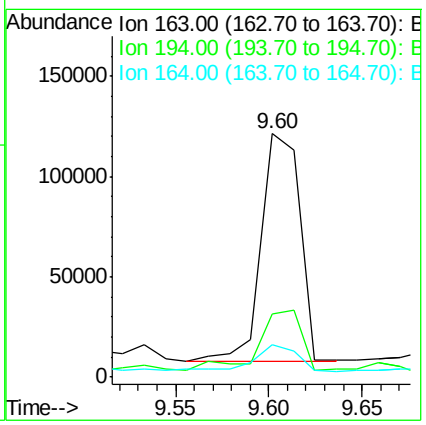
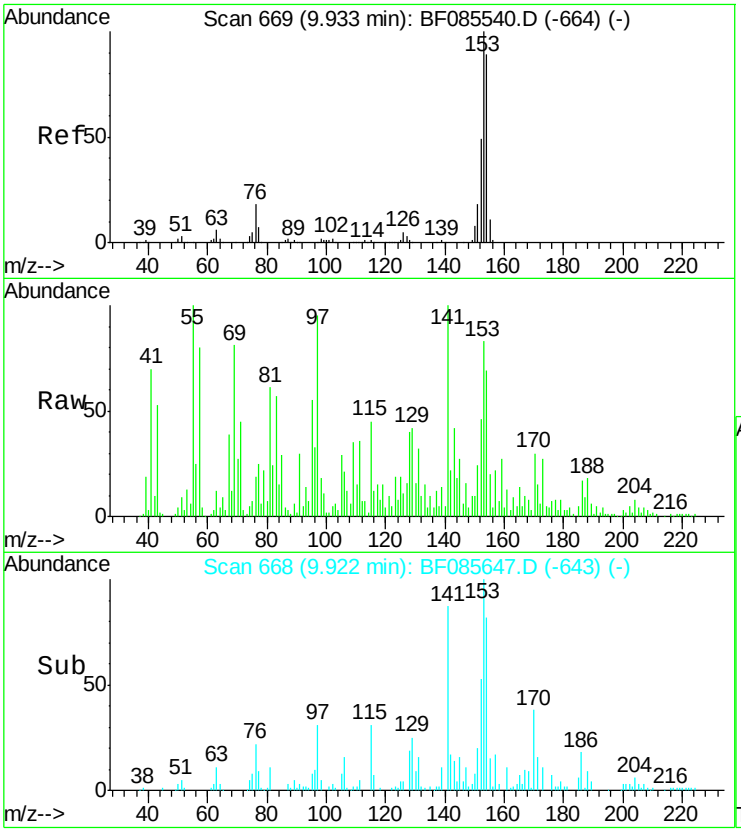


#49
Dimethylphthalate
Concen: 13.56 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:163 Resp: 162017

Ion	Ratio	Lower	Upper
163	100		
194	25.9	2.9	4.3#
164	13.3	8.3	12.5#

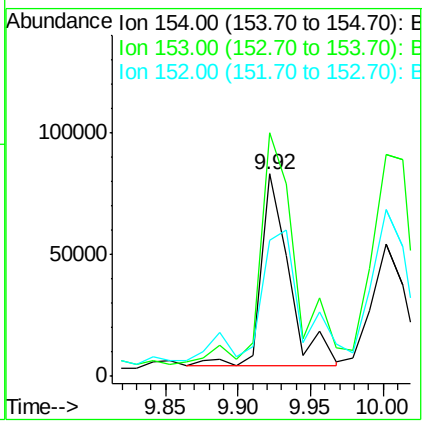




#51
Acenaphthene
Concen: 10.31 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:154 Resp: 104529

Ion	Ratio	Lower	Upper
154	100		
153	120.3	90.1	135.1
152	67.0	44.2	66.2#



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

Manual Integrations APPROVED
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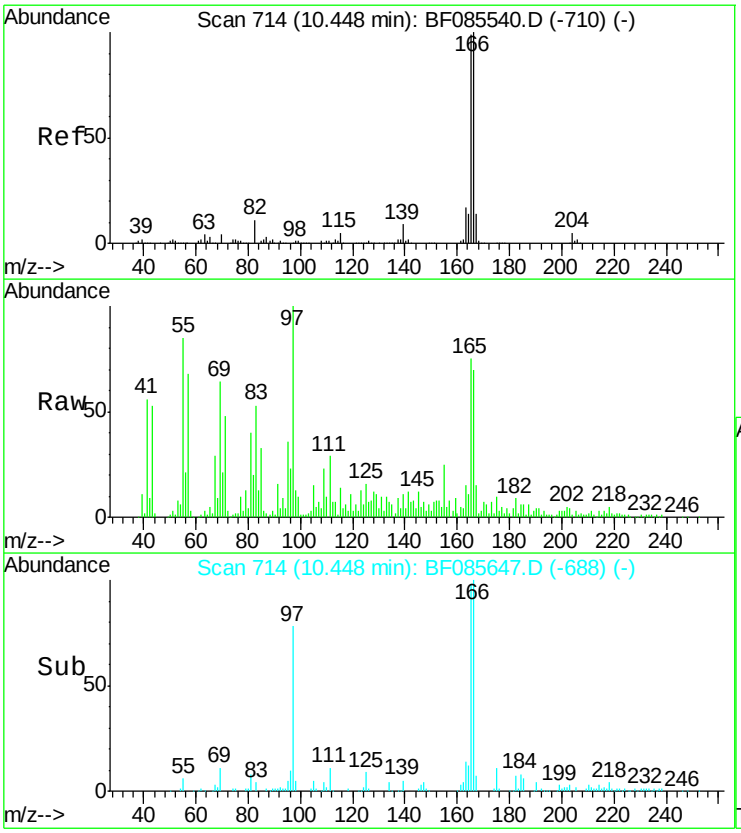
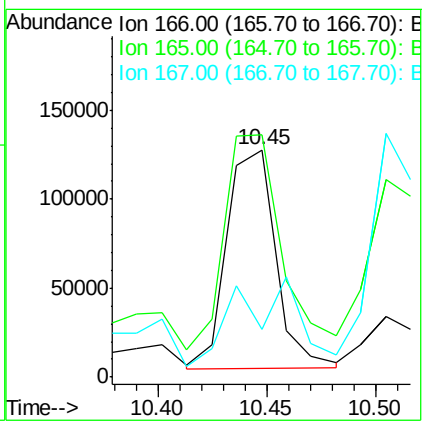
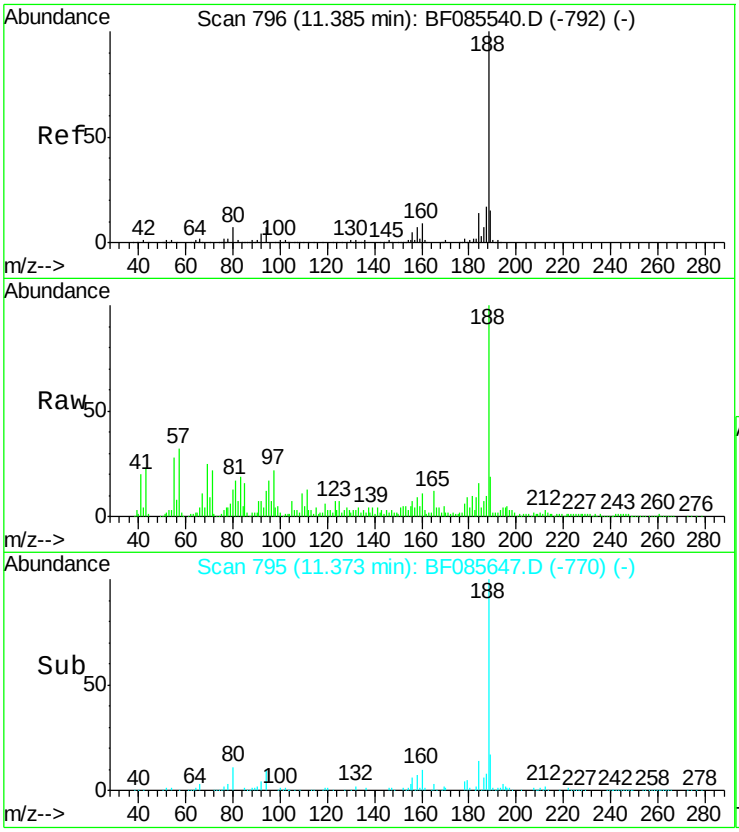


#57
Fluorene
Concen: 18.70 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:166 Resp: 192402

Ion	Ratio	Lower	Upper
166	100		
165	106.8	79.4	119.0
167	21.2	11.0	16.4#

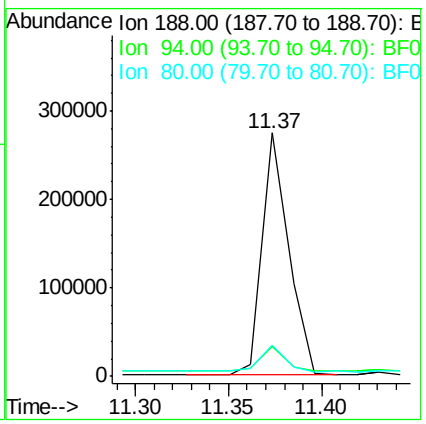




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:188 Resp: 268612

Ion	Ratio	Lower	Upper
188	100		
94	12.3	5.4	8.0#
80	13.0	5.5	8.3#



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

Manual Integrations APPROVED
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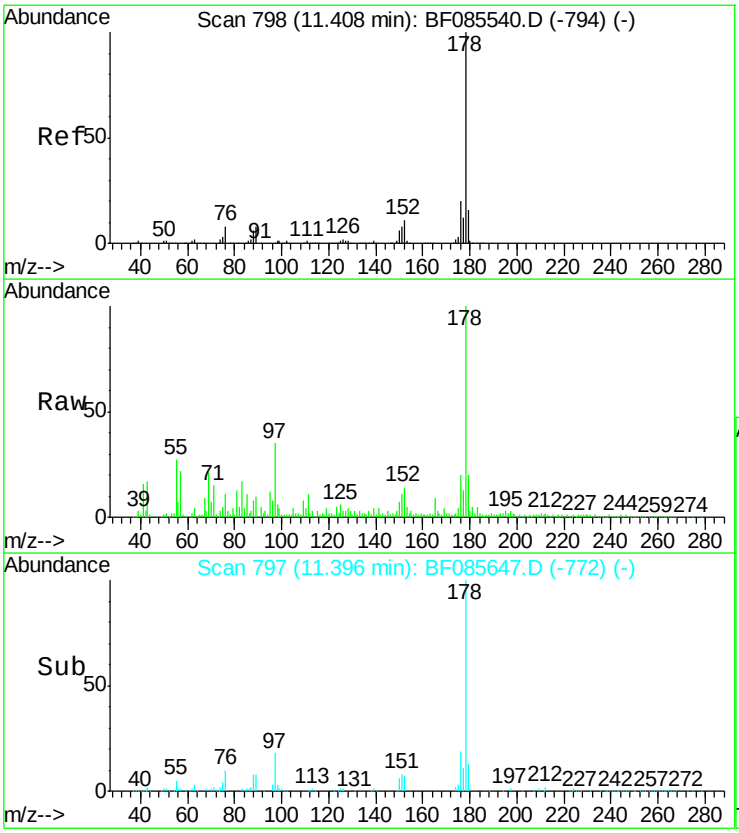
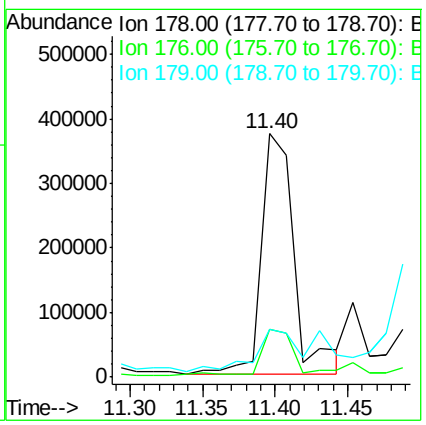
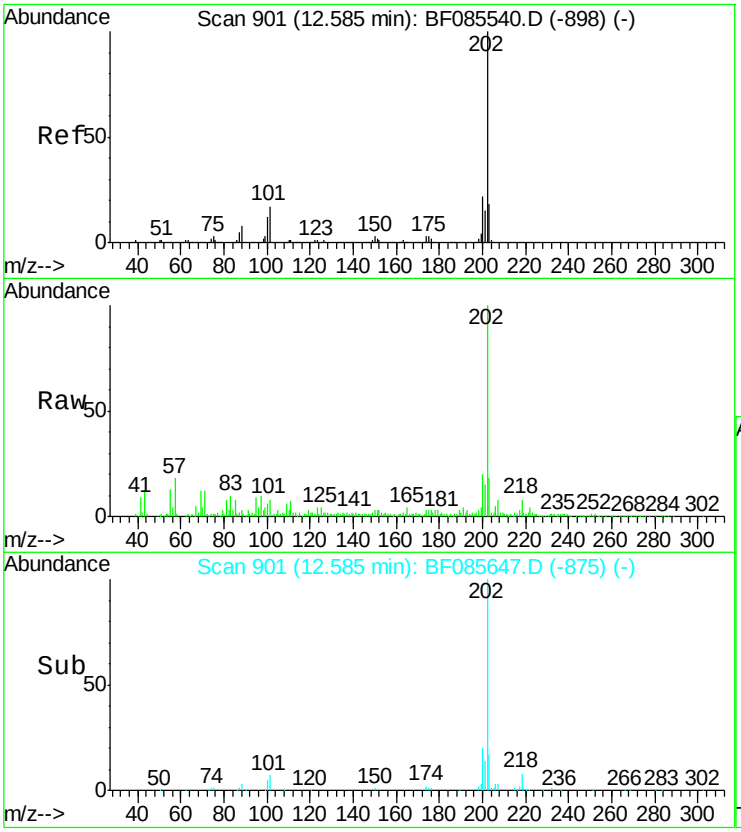


#70
Phenanthrene
Concen: 40.86 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:178 Resp: 578698

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	19.5	12.6	18.8#

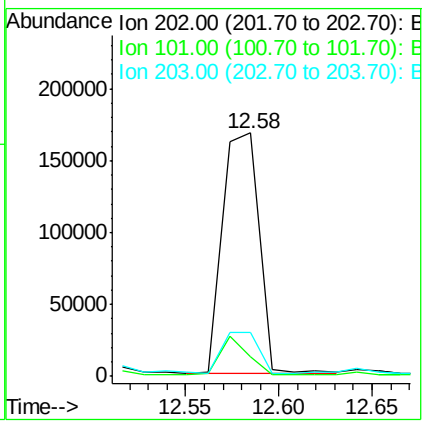




#74
Fluoranthene
Concen: 15.42 ng
RT: 12.58 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

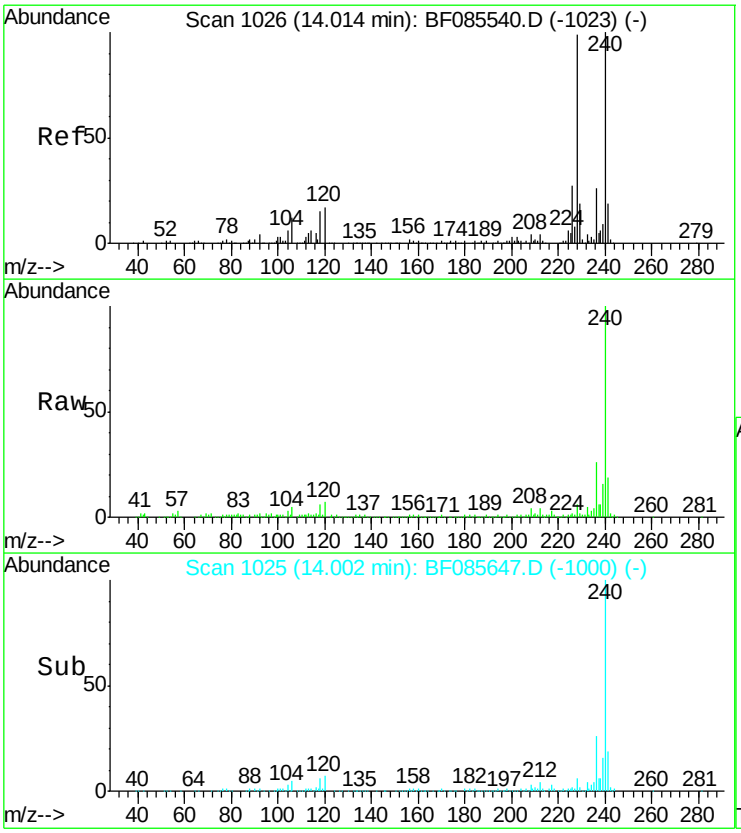
Tgt Ion:202 Resp: 228721

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	36.6
203	18.2	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

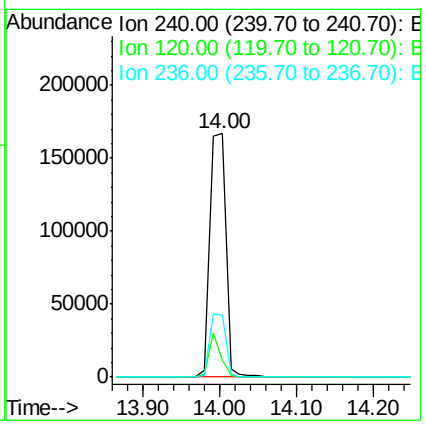
Manual Integrations APPROVED
Sohil
3/22/2016 5:34:44 PM

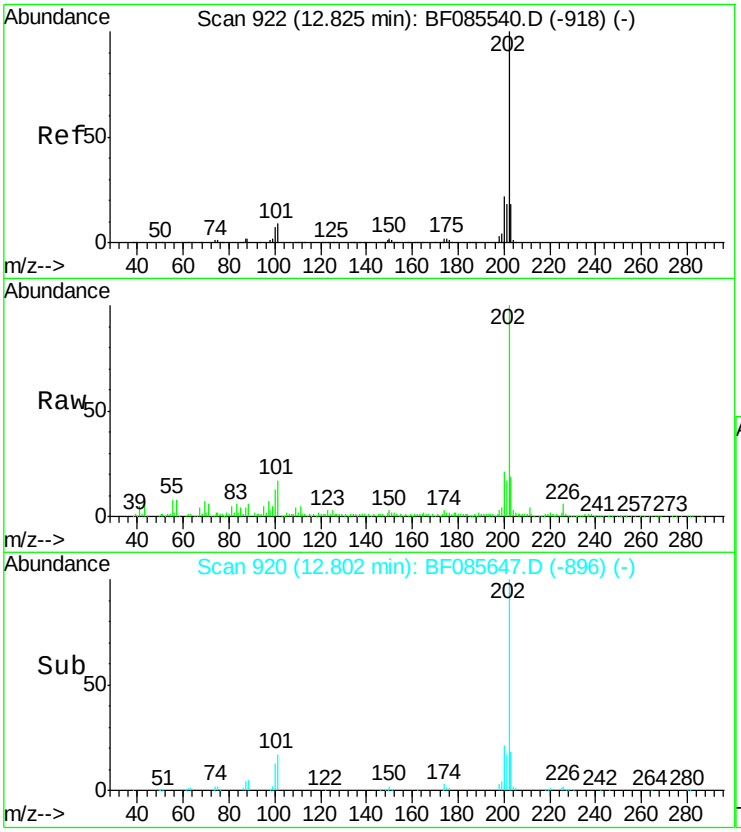


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:240 Resp: 239444

Ion	Ratio	Lower	Upper
240	100		
120	7.2	13.8	20.8#
236	25.5	20.6	30.8

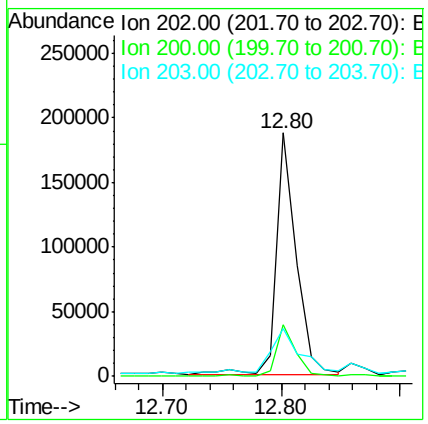




#77
Pyrene
Concen: 12.51 ng
RT: 12.80 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:202 Resp: 215032

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	19.5	14.0	21.0



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

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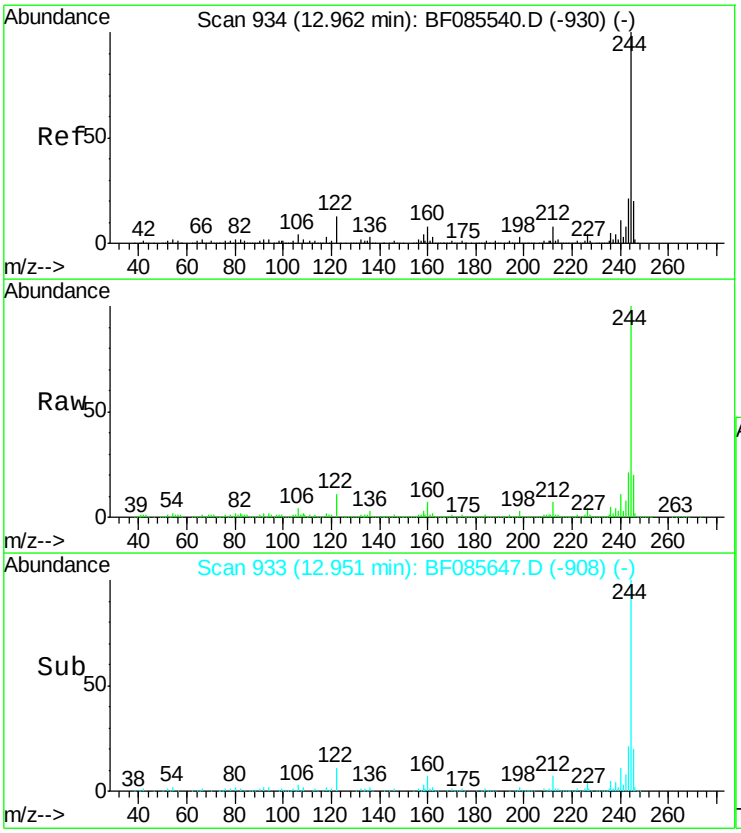
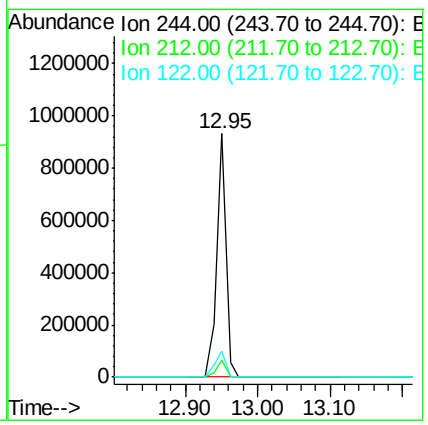
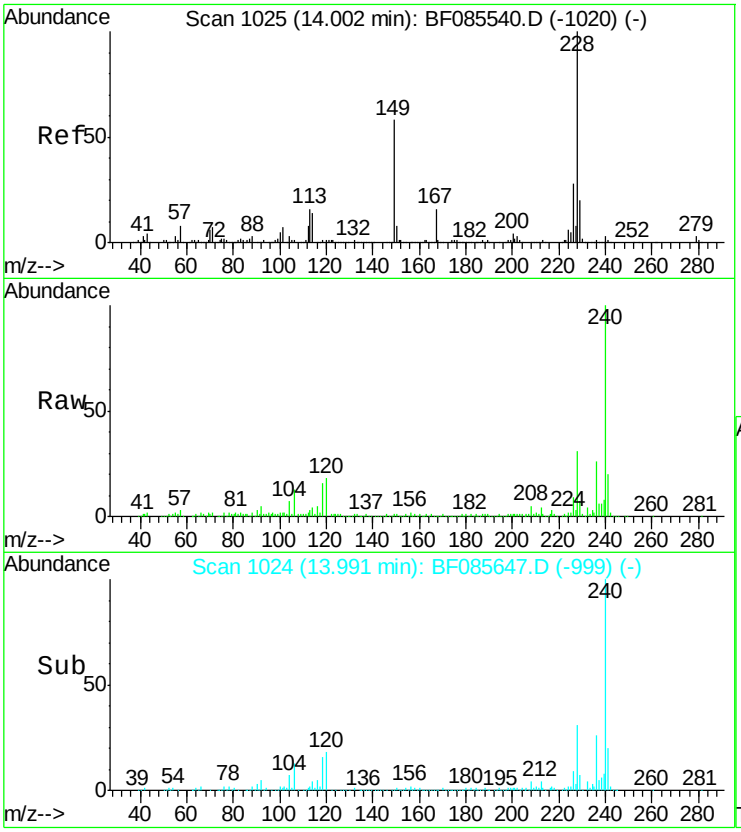


#78
Terphenyl-d14
Concen: 82.94 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:244 Resp: 825328

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	10.8	10.2	15.4

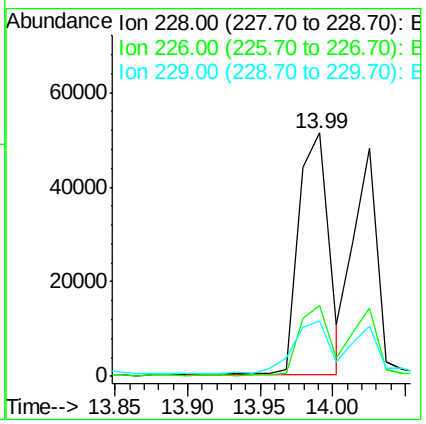




#80
Benzo(a)anthracene
Concen: 5.32 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:228 Resp: 73888

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.1	33.1
229	22.7	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

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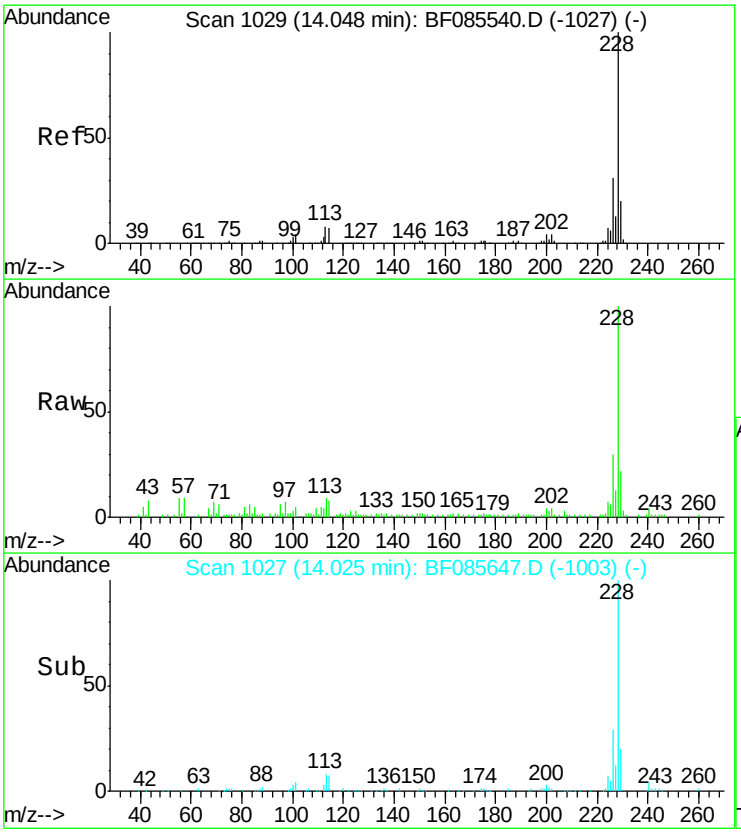
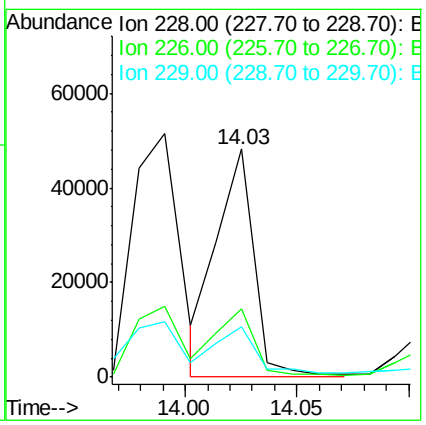
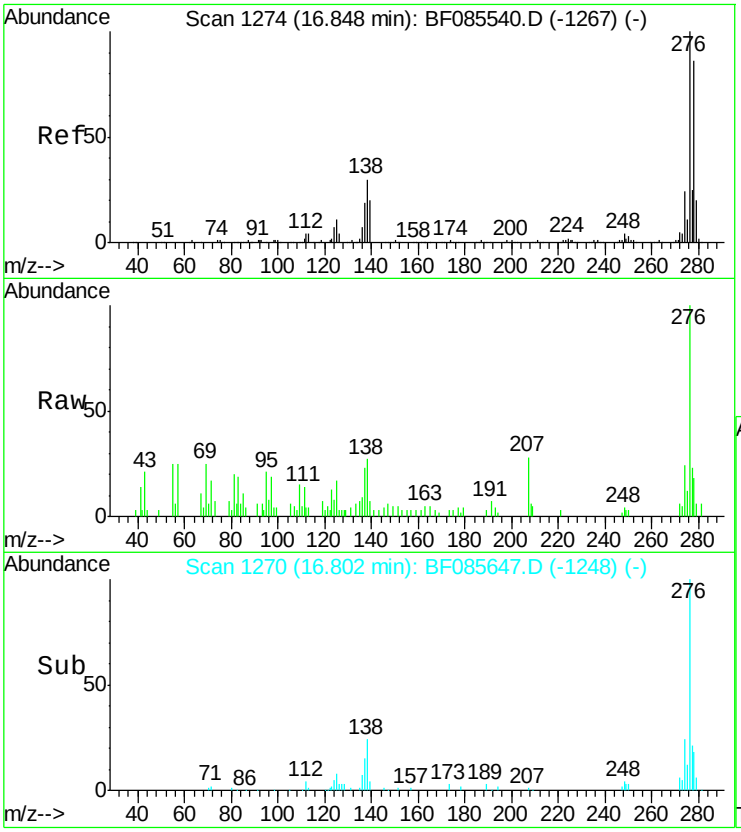


#82
Chrysene
Concen: 4.24 ng m
RT: 14.03 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:228 Resp: 56732

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.8	15.7	23.5

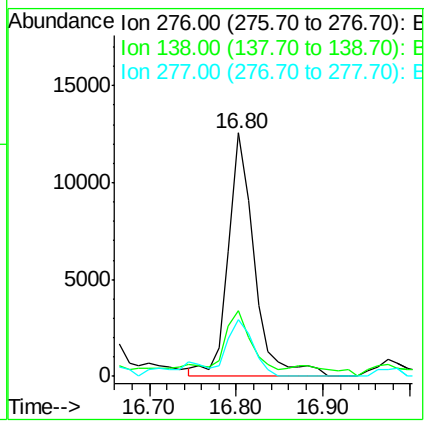




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.33 ng
RT: 16.80 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:276 Resp: 26075

Ion	Ratio	Lower	Upper
276	100		
138	24.8	24.2	36.4
277	23.7	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

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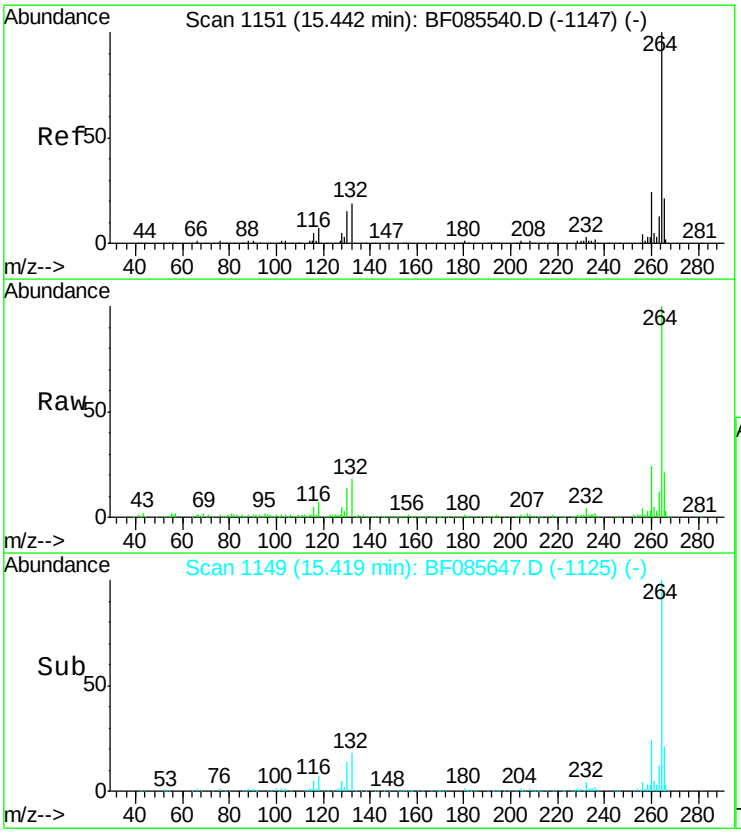
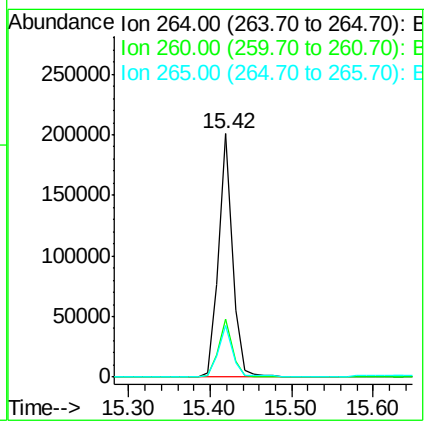
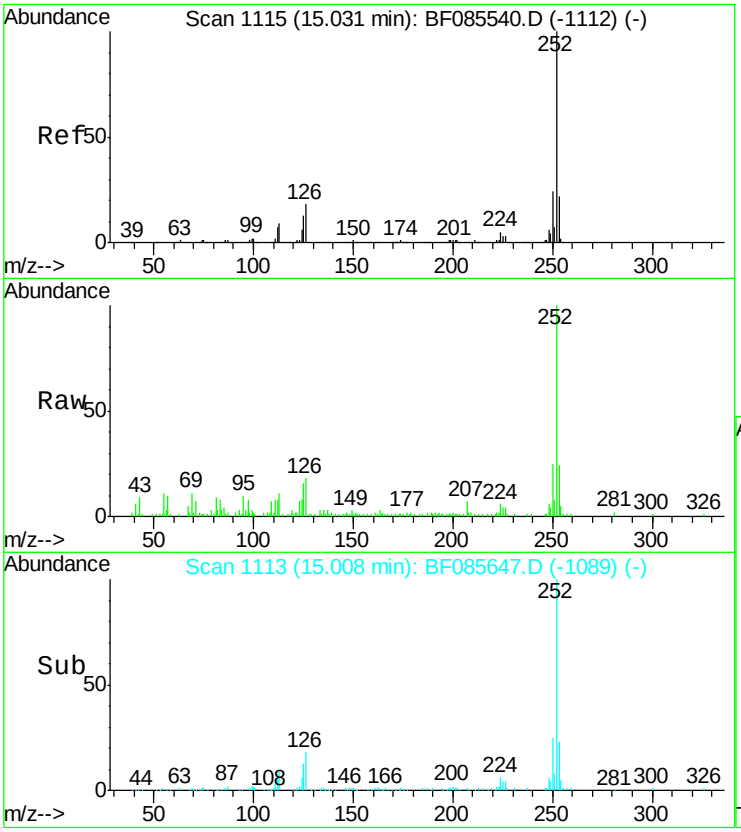


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:264 Resp: 240411

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.3	17.2	25.8

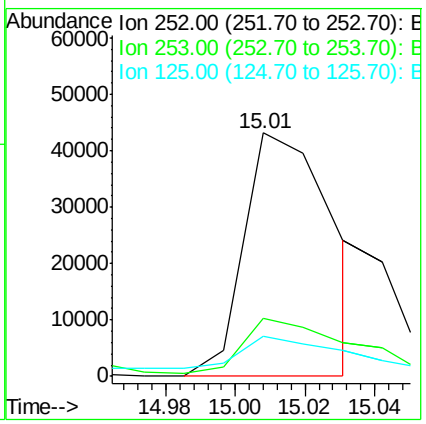




#87
Benzo(b)fluoranthene
Concen: 4.87 ng m
RT: 15.01 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:252 Resp: 76454

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	16.3	10.3	15.5#



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

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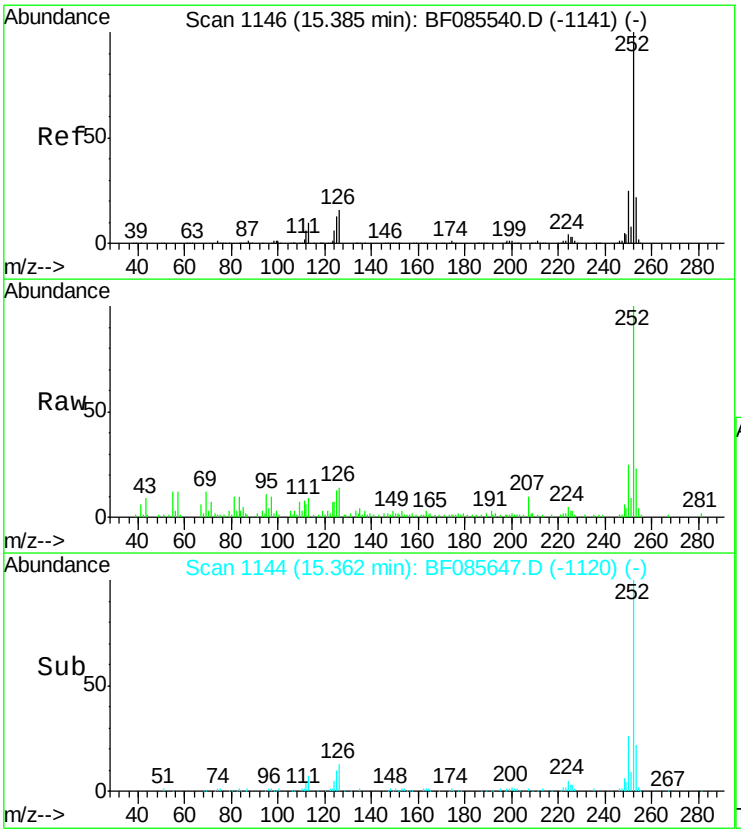
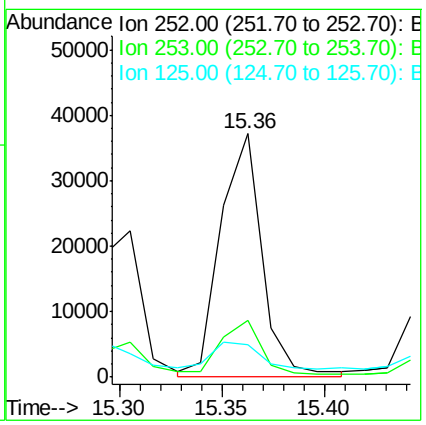
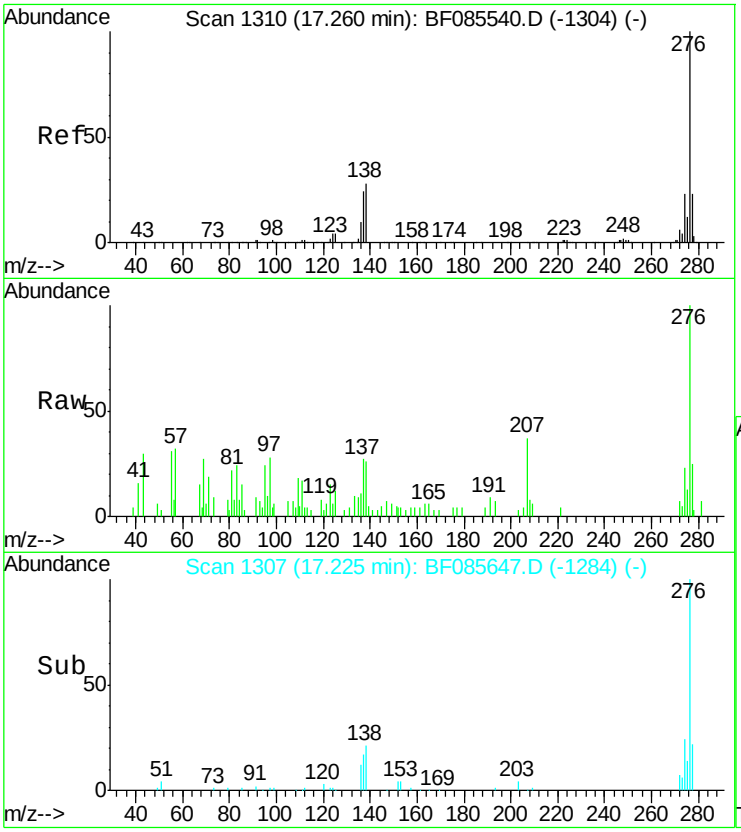


#89
Benzo(a)pyrene
Concen: 3.95 ng m
RT: 15.36 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:252 Resp: 52469

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	13.2	10.3	15.5

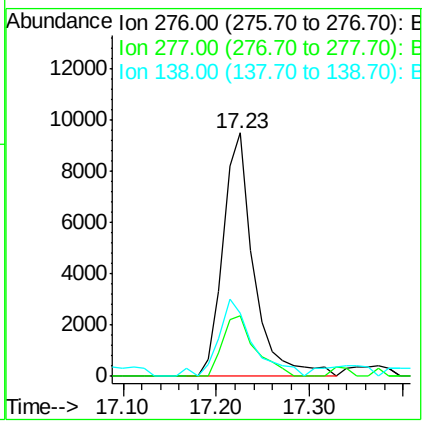




#91
Benzo(g,h,i)perylene
Concen: 2.03 ng
RT: 17.23 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BF085647.D
Acq: 22 Mar 2016 5:17

Tgt Ion:276 Resp: 21783

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	25.8	22.6	34.0



Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-20.0-22.0

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