Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085524.D
Acq On : 18 Mar 2016 7:36
Operator : UM/SJ
Sample : H1776-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

Manual Integrations APPROVED
UMANGI
3/18/2016 3:43:55 PM

Quant Time: Mar 18 15:21:17 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	6.87	152	125032	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	539431	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	224074	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	395781	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	284406	20.00	ng	-0.05
86) Perylene-d12	15.48	264	258101	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1110266	152.64	ng	-0.03
7) Phenol-d6	6.52	99	1490352	157.96	ng	-0.03
23) Nitrobenzene-d5	7.44	82	840835	92.16	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	339364	164.43	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1234294	95.56	ng	-0.05
78) Terphenyl-d14	12.98	244	936560	74.49	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	422823	25.86	ng	99
70) Phenanthrene	11.42	178	77164	3.74	ng	97
74) Fluoranthene	12.61	202	111673	5.76	ng	97
77) Pyrene	12.84	202	99276	4.65	ng	97
80) Benzo(a)anthracene	14.03	228	48354m	2.97	ng	
82) Chrysene	14.06	228	46118m	3.14	ng	
87) Benzo(b)fluoranthene	15.05	252	49444m	2.93	ng	
89) Benzo(a)pyrene	15.41	252	39427	2.71	ng	# 97

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

Quantitation Report (LSC Reviewed)

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Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

Manual Integrations APPROVED
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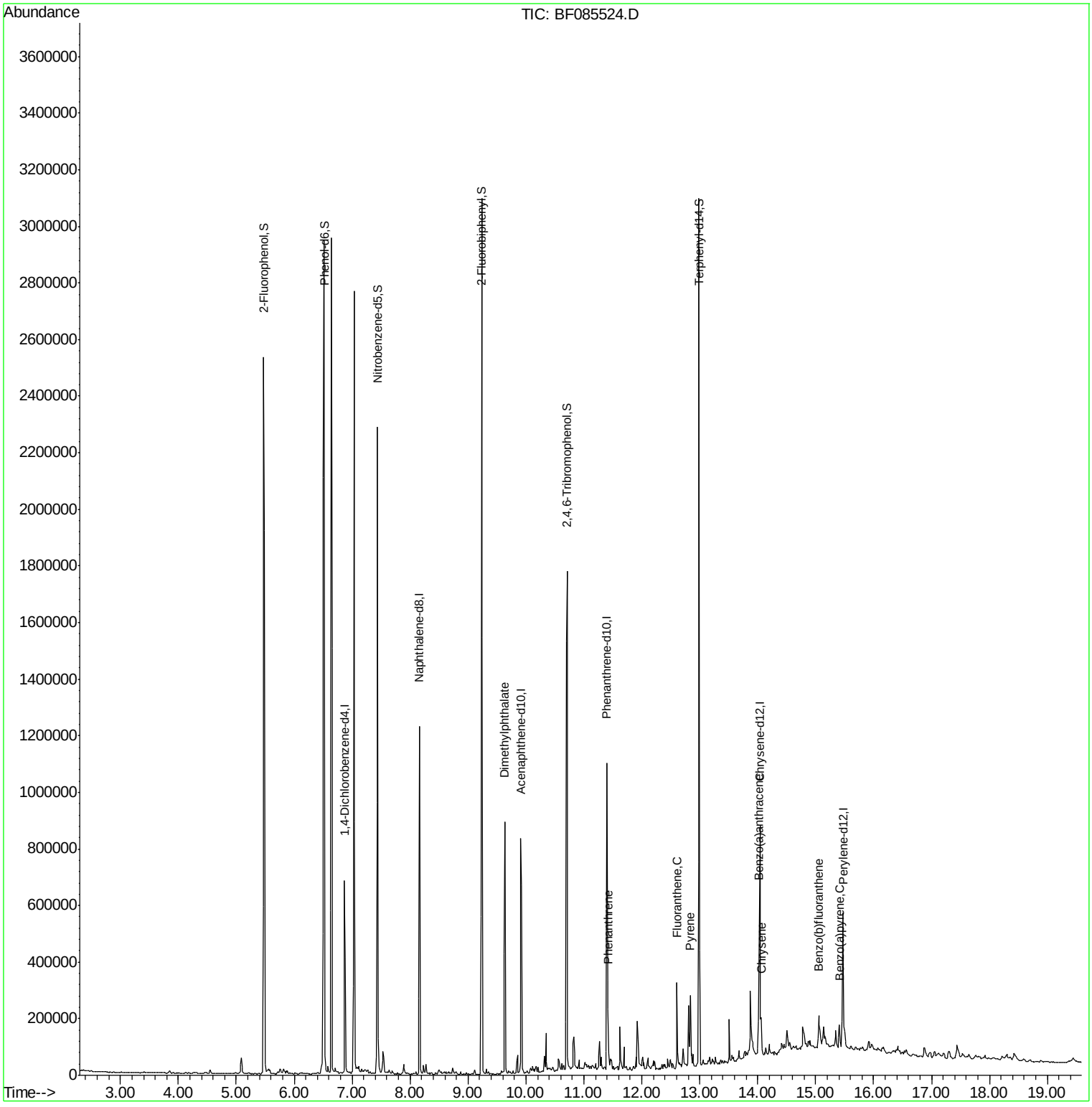
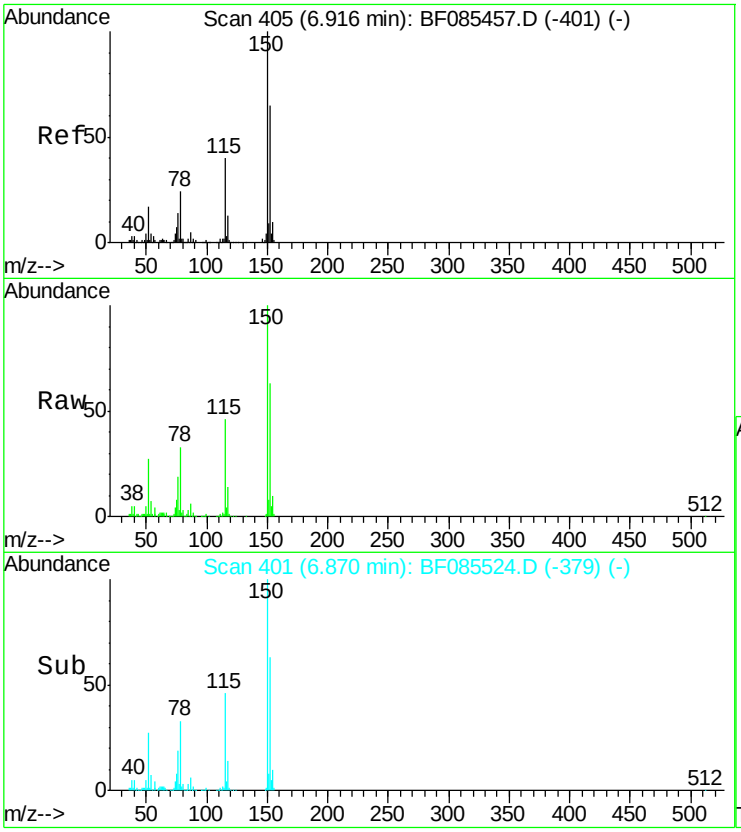
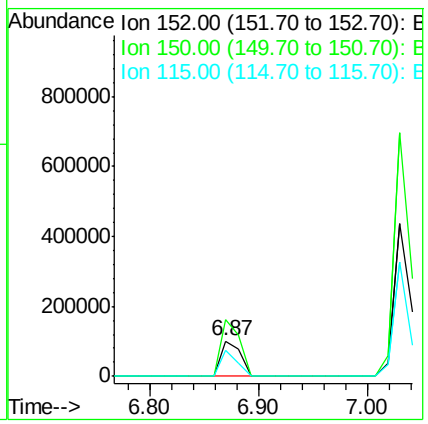




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:152 Resp: 125032

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	73.2	46.6	70.0#



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

Manual Integrations APPROVED
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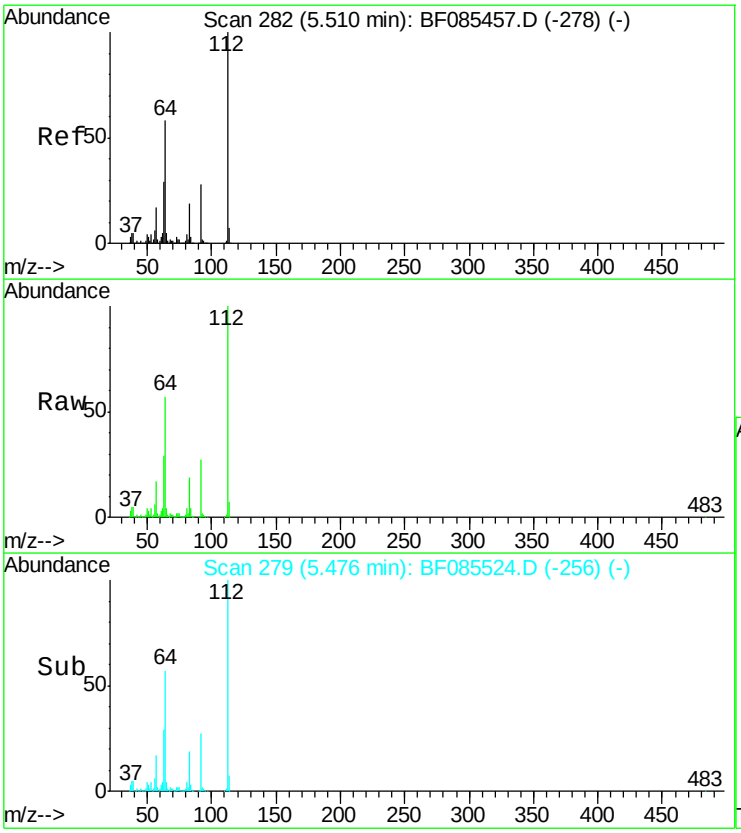
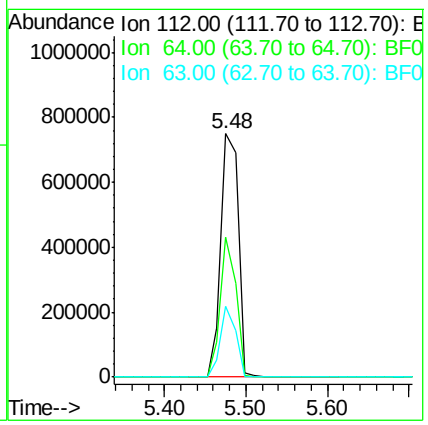
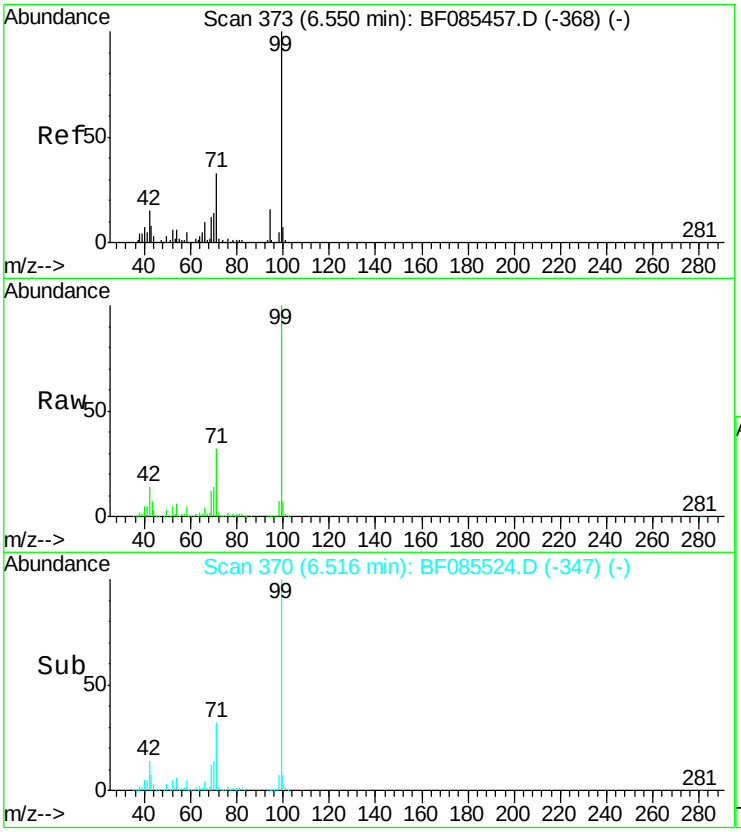


#5
2-Fluorophenol
Concen: 152.64 ng
RT: 5.48 min Scan# 279
Delta R.T. -0.03 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:112 Resp: 1110266

Ion	Ratio	Lower	Upper
112	100		
64	57.4	49.0	73.4
63	29.2	24.8	37.2

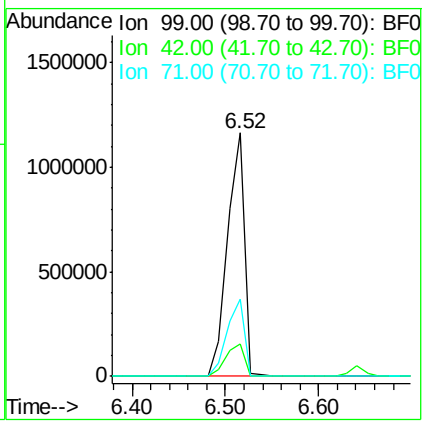




#7
Phenol-d6
Concen: 157.96 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion: 99 Resp: 1490352

Ion	Ratio	Lower	Upper
99	100		
42	13.6	13.6	20.4#
71	31.8	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

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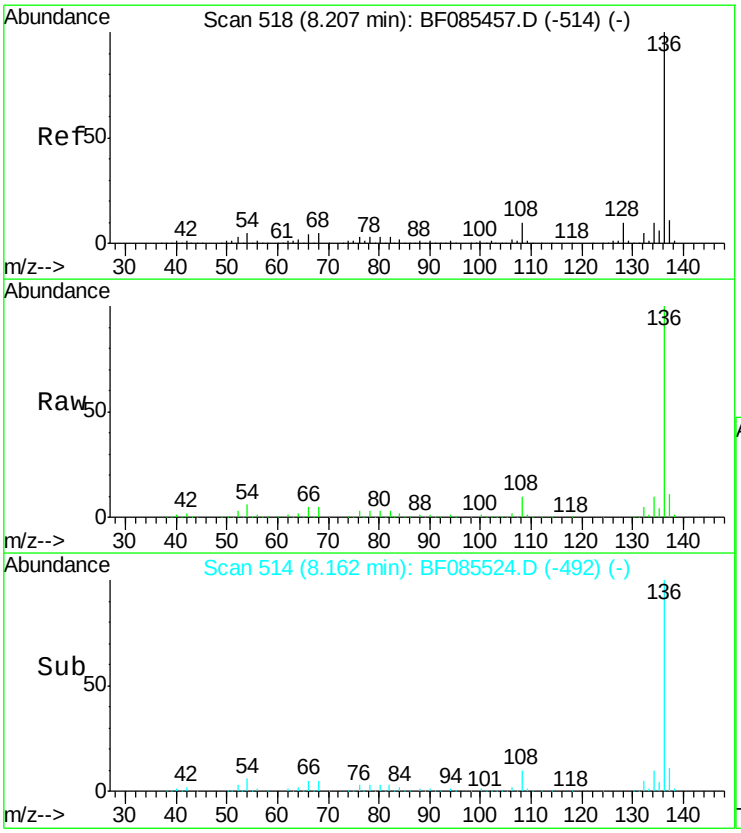
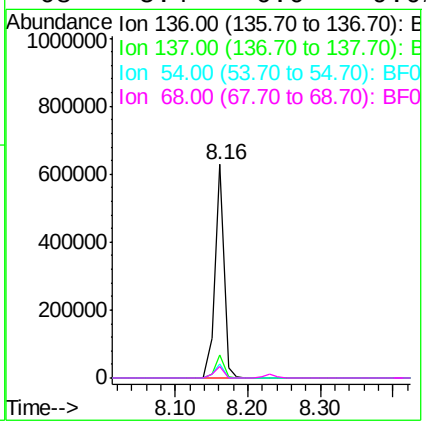
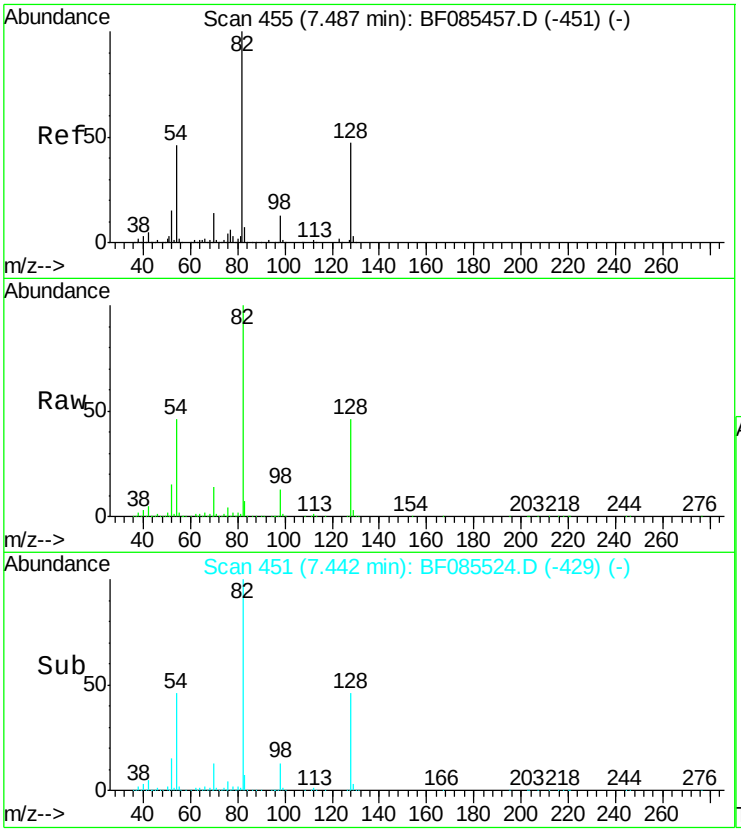


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:136 Resp: 539431

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	6.5	7.4	11.2#
68	5.4	6.0	9.0#

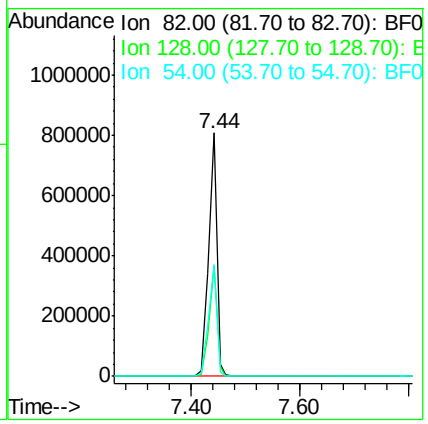




#23
Nitrobenzene-d5
Concen: 92.16 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion: 82 Resp: 840835

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.5	51.7
54	45.7	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

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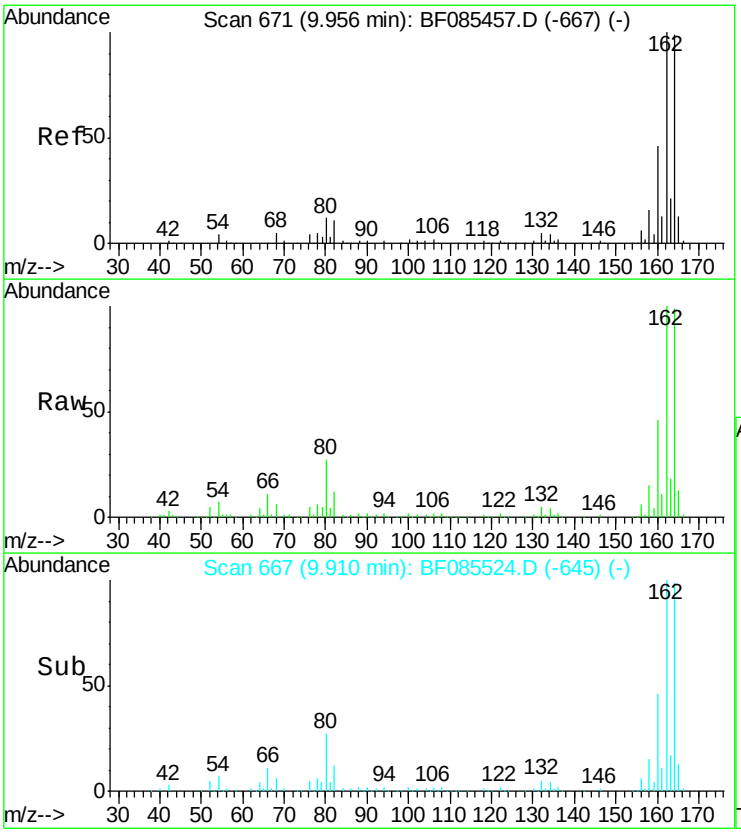
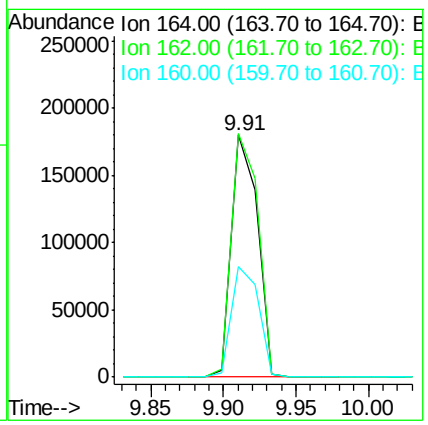
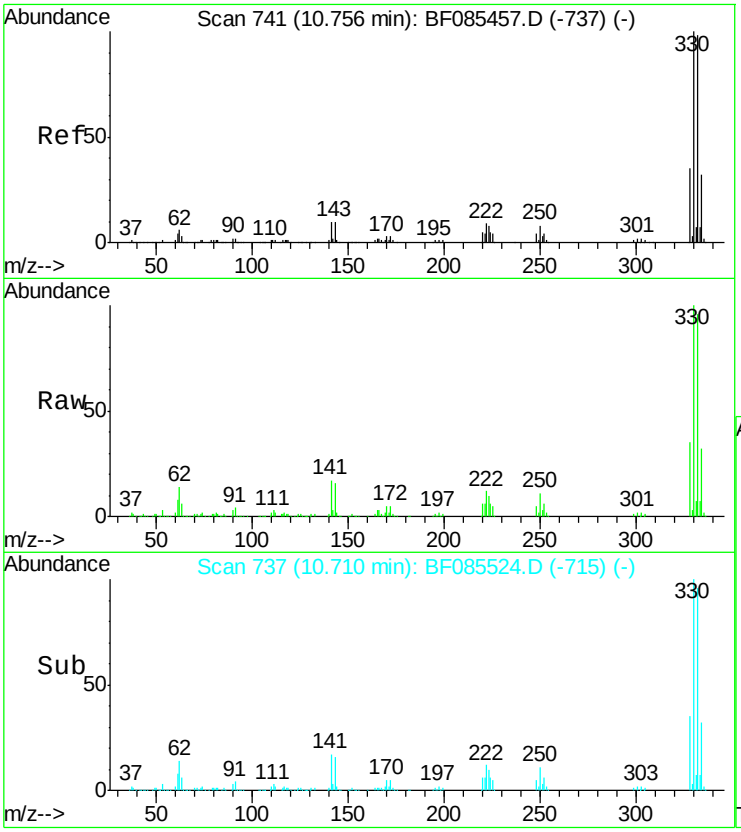


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:164 Resp: 224074

Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.3	124.9
160	45.9	37.9	56.9

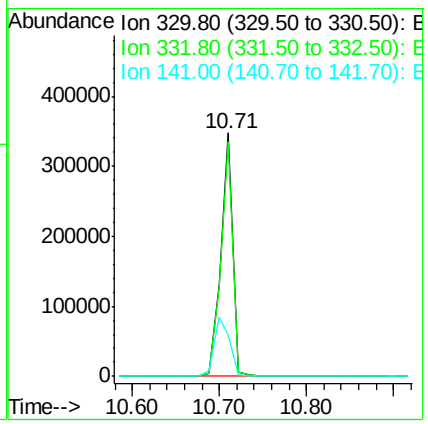




#41
2,4,6-Tribromophenol
Concen: 164.43 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:330 Resp: 339364

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	31.7	35.0	52.6#



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

Manual Integrations APPROVED
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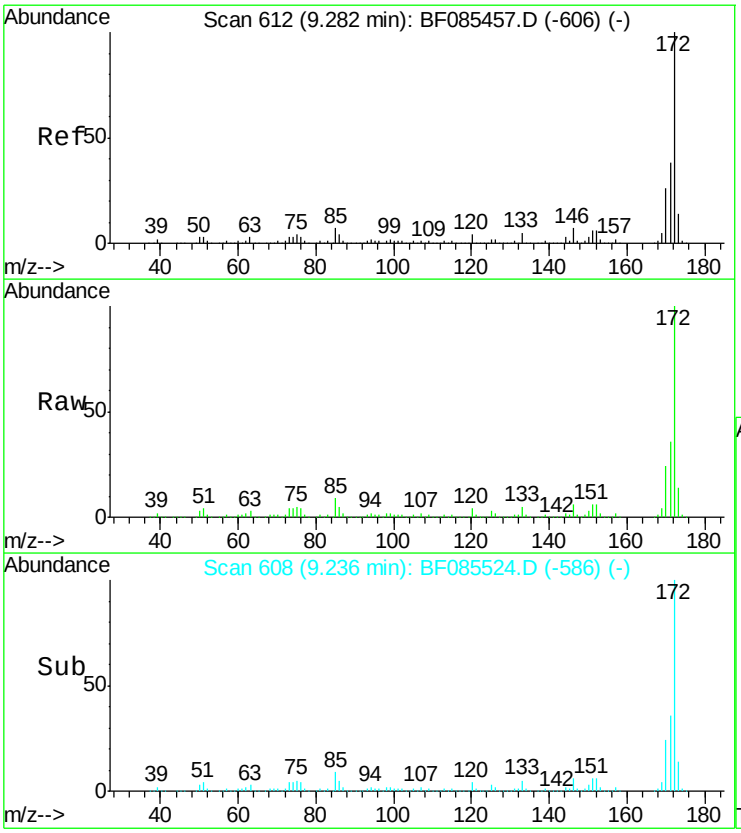
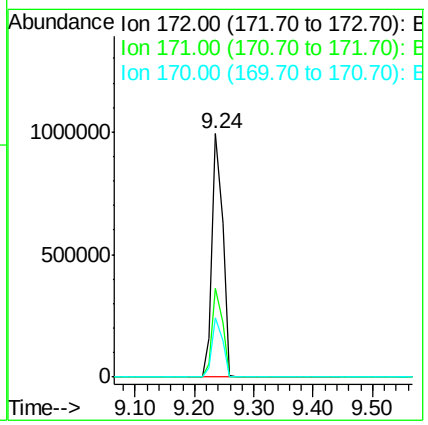
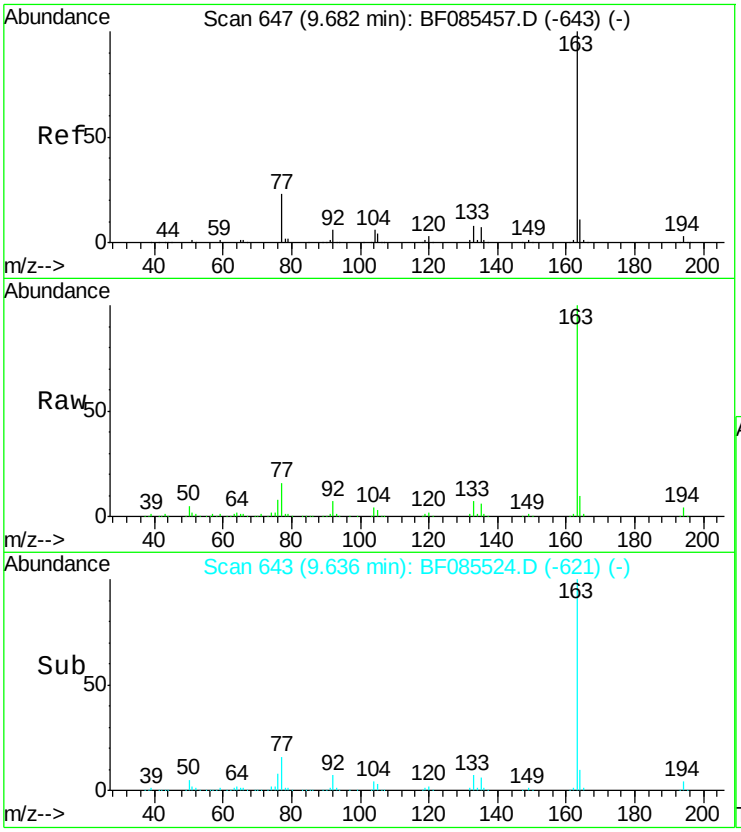


#44
2-Fluorobiphenyl
Concen: 95.56 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:172 Resp: 1234294

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	24.5	20.0	30.0

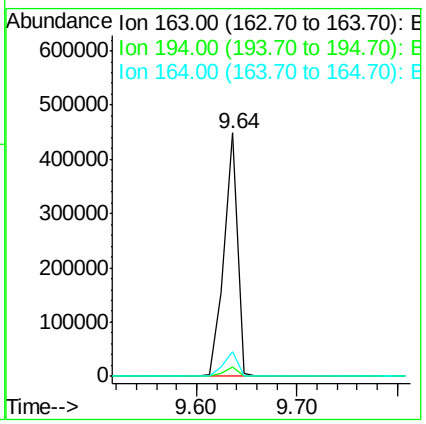




#49
Dimethylphthalate
Concen: 25.86 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:163 Resp: 422823

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.9	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

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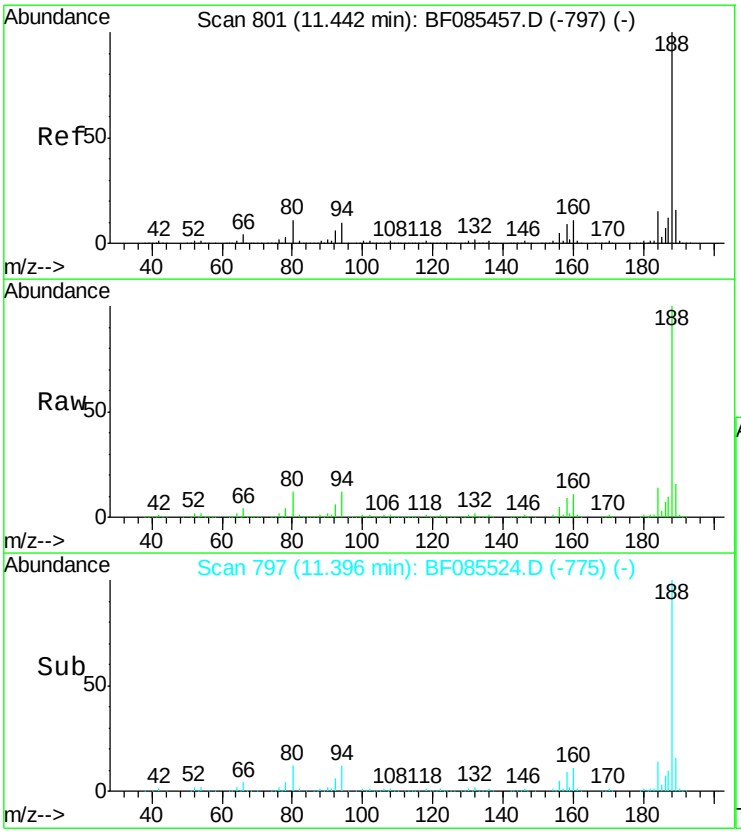
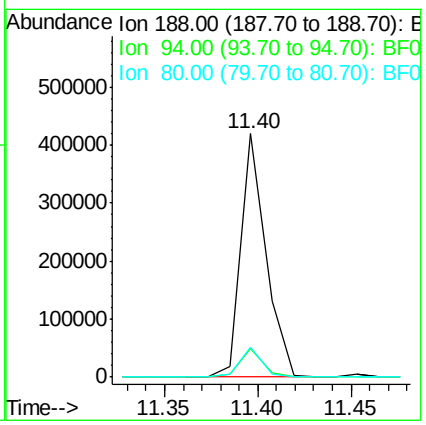
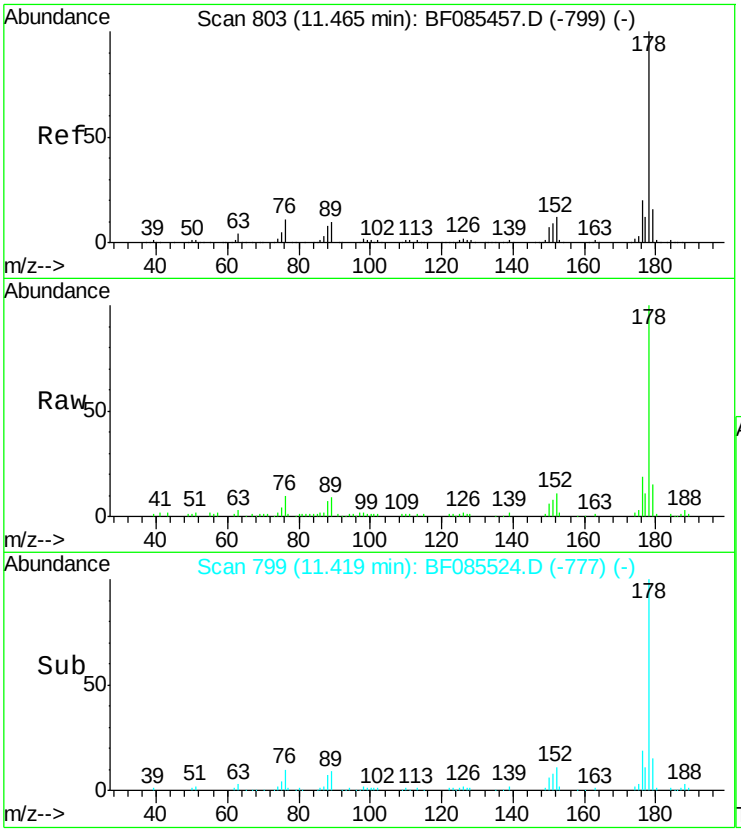


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:188 Resp: 395781

Ion	Ratio	Lower	Upper
188	100		
94	12.0	7.0	10.6#
80	12.4	7.4	11.0#

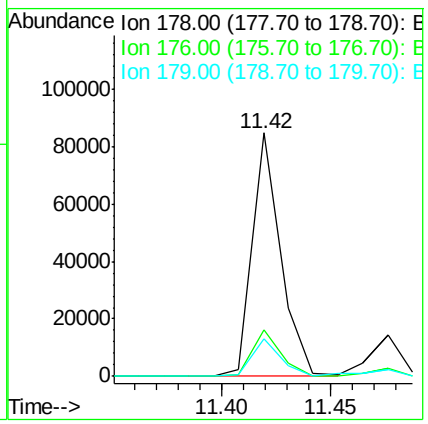




#70
Phenanthrene
Concen: 3.74 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:178 Resp: 77164

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.8	25.2
179	15.2	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

Manual Integrations APPROVED
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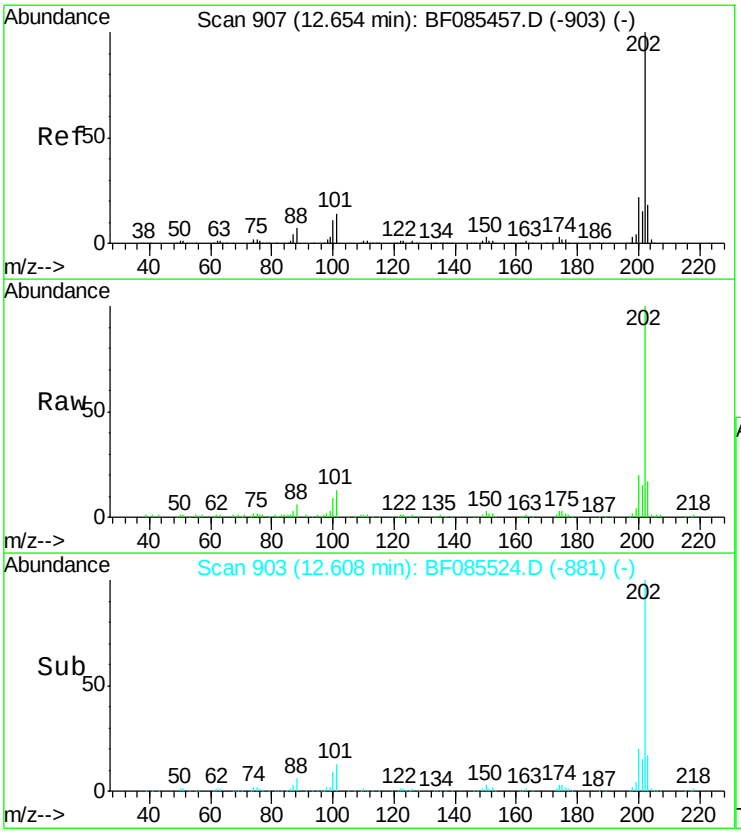
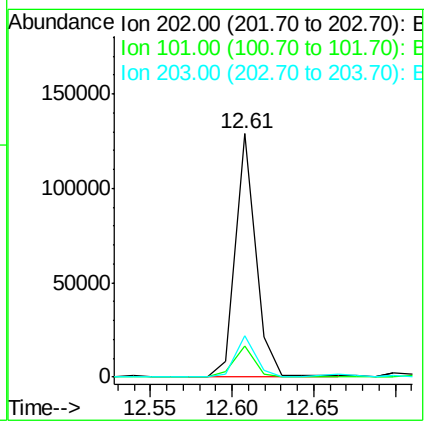
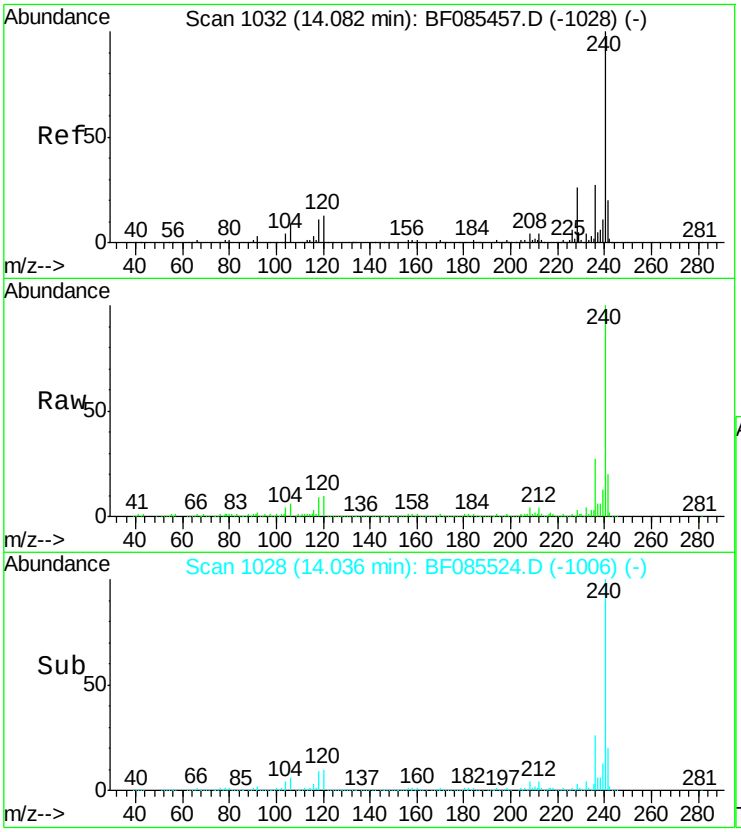


#74
Fluoranthene
Concen: 5.76 ng
RT: 12.61 min Scan# 903
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:202 Resp: 111673

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.8
203	17.0	0.0	38.4





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

Manual Integrations APPROVED
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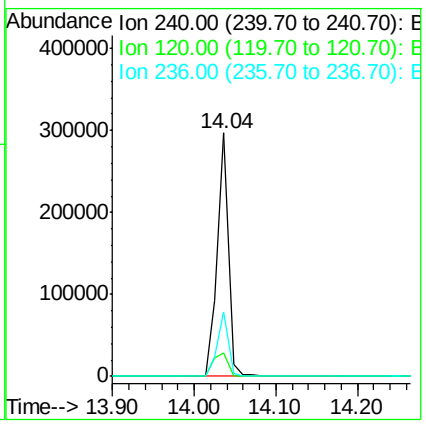
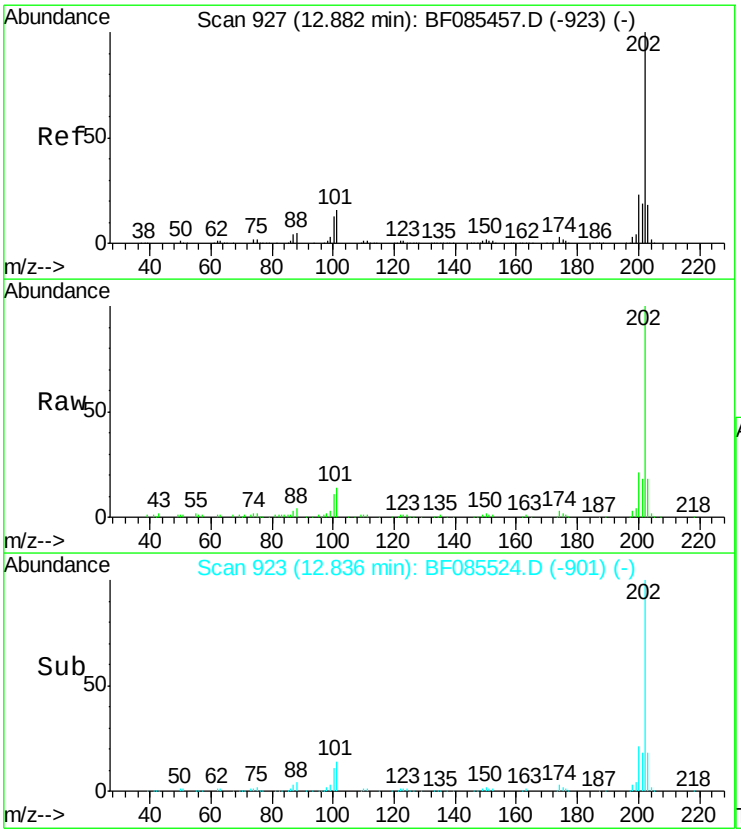
Tgt Ion:240 Resp: 284406

Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.3	7.9#
236	26.5	20.7	31.1

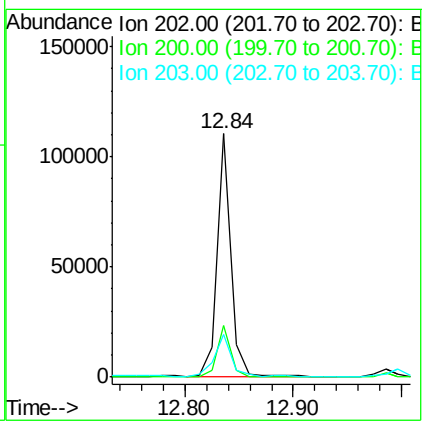


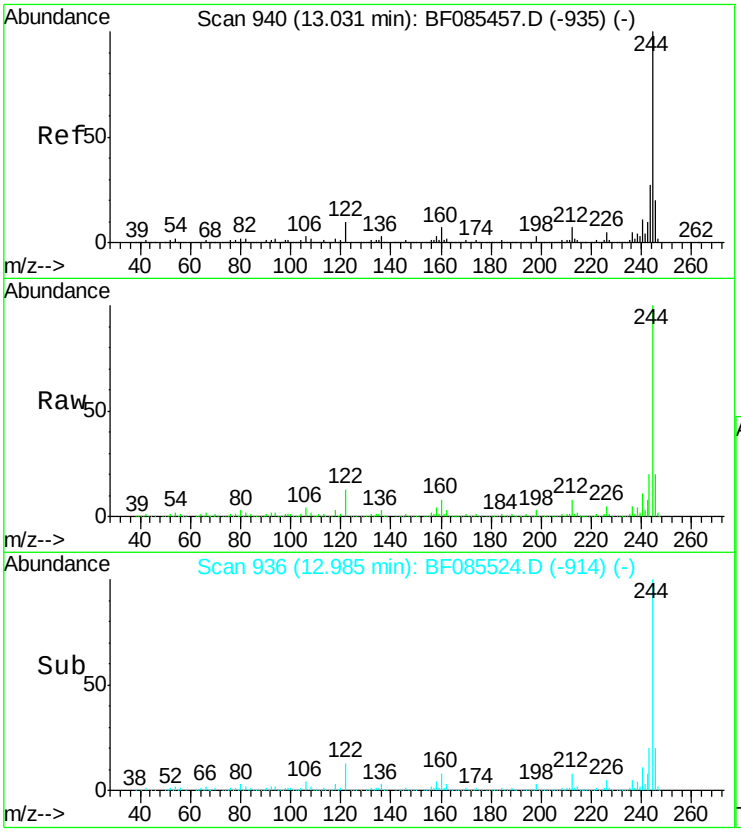


#77
Pyrene
Concen: 4.65 ng
RT: 12.84 min Scan# 923
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:202 Resp: 99276

Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.2	27.4
203	17.8	14.7	22.1

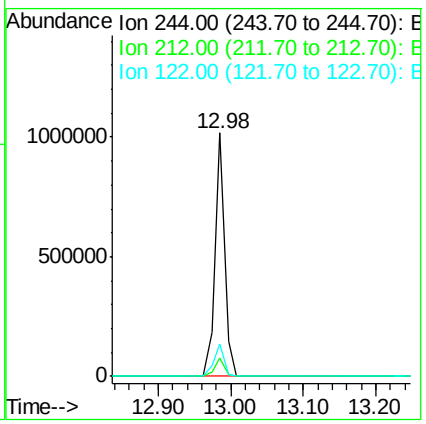




#78
Terphenyl-d14
Concen: 74.49 ng
RT: 12.98 min Scan# 936
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:244 Resp: 936560

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	13.1	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

Manual Integrations APPROVED
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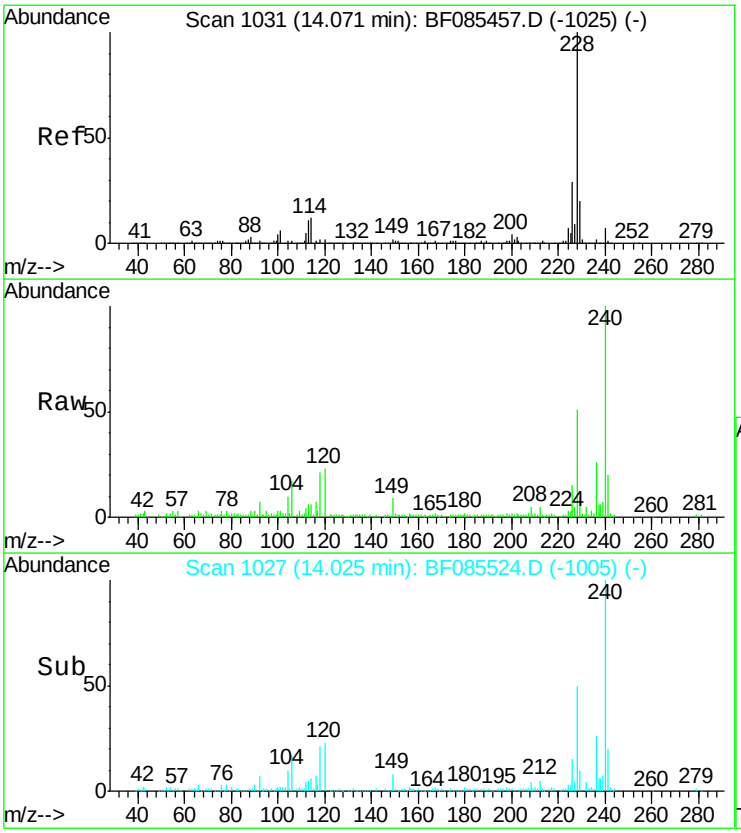
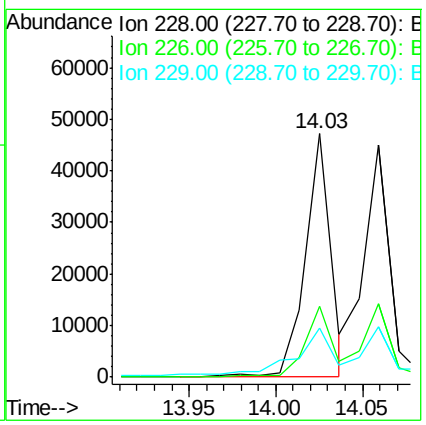
3/18/2016 3:43:55 PM

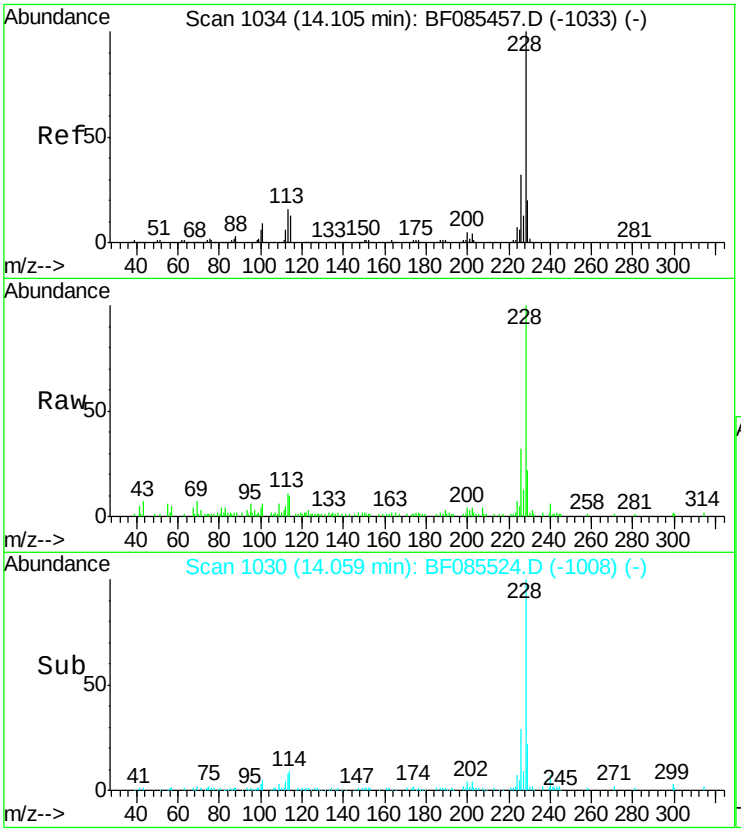


#80
Benzo(a)anthracene
Concen: 2.97 ng m
RT: 14.03 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:228 Resp: 48354

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.8	34.2
229	20.2	16.6	24.8

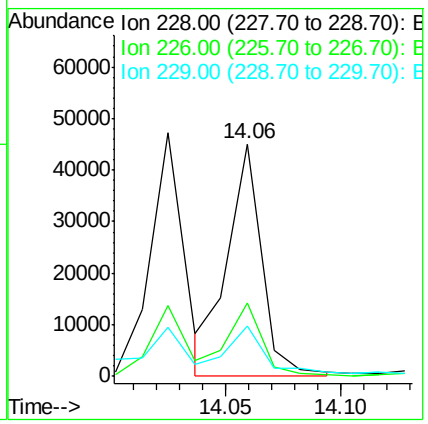




#82
Chrysene
Concen: 3.14 ng m
RT: 14.06 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:228 Resp: 46118

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.2	37.8
229	21.8	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

Manual Integrations APPROVED
UMANGI
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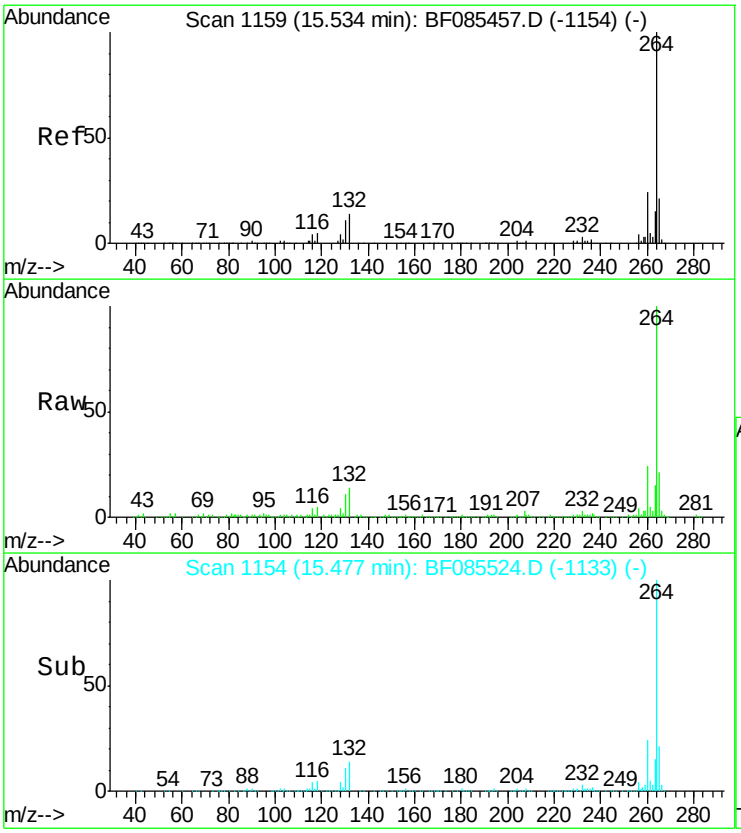
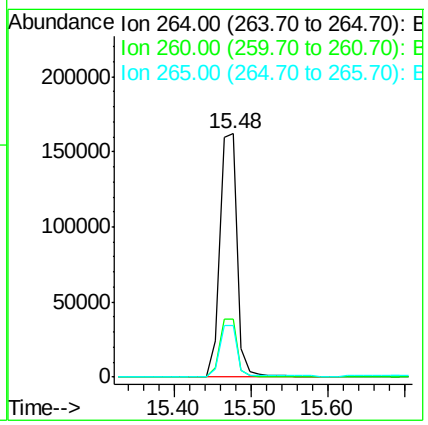
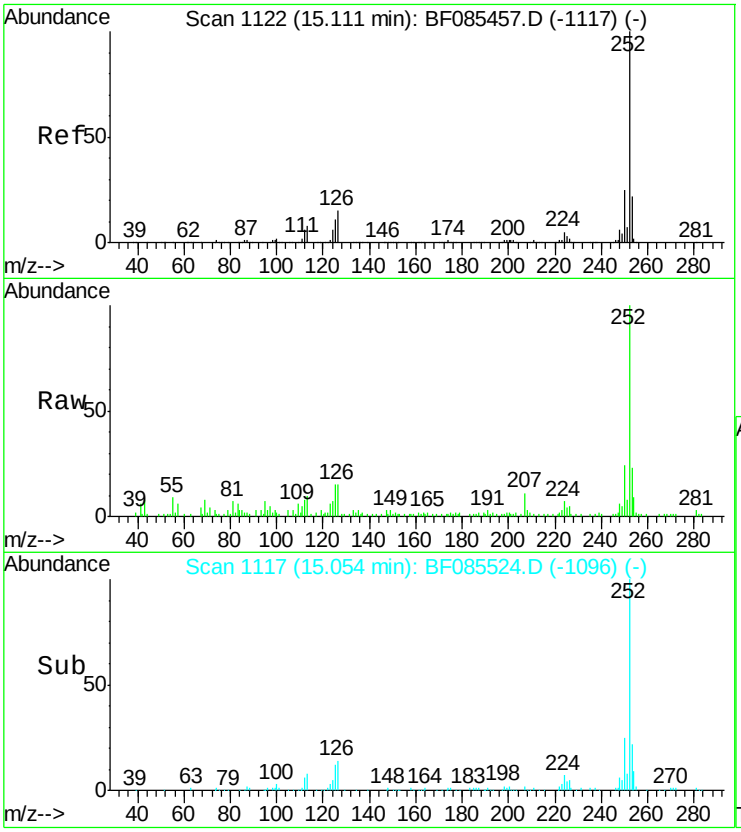


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:264 Resp: 258101

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.3	25.9

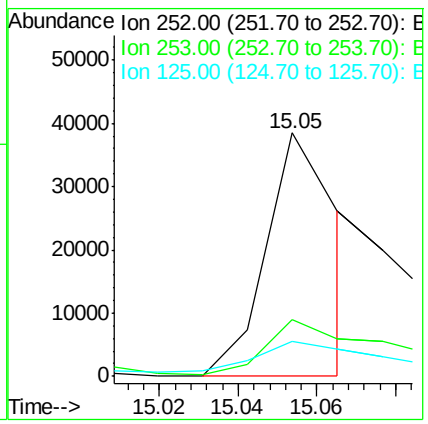




#87
Benzo(b)fluoranthene
Concen: 2.93 ng m
RT: 15.05 min Scan# 1117
Delta R.T. -0.06 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

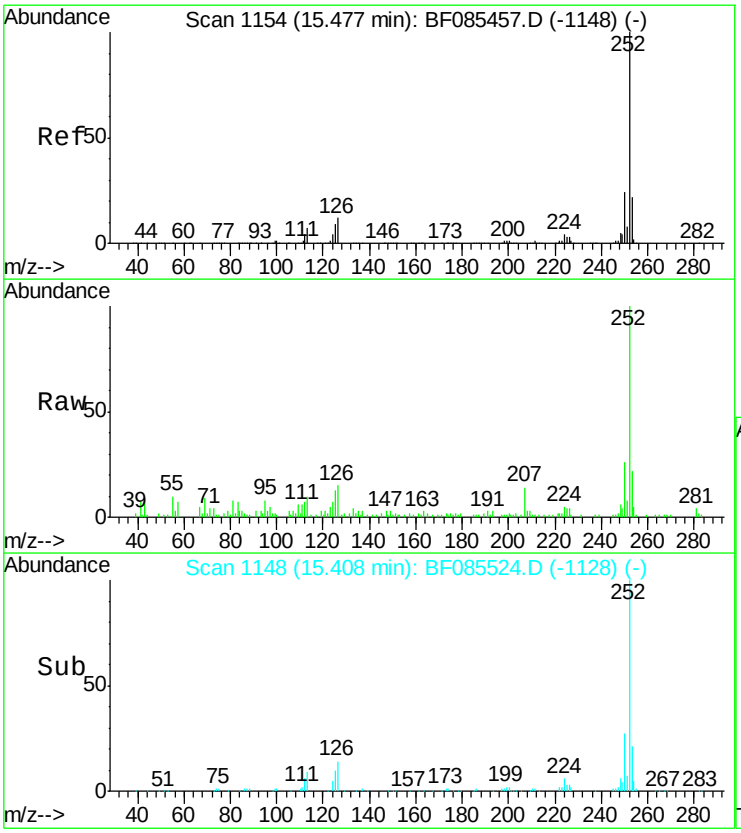
Tgt Ion:252 Resp: 49444

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	14.5	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-06(0.5-3.5)

Manual Integrations APPROVED
UMANGI
3/18/2016 3:43:55 PM



#89
Benzo(a)pyrene
Concen: 2.71 ng
RT: 15.41 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF085524.D
Acq: 18 Mar 2016 7:36

Tgt Ion:252 Resp: 39427

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	13.0	8.2	12.4#