Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092161.D
Acq On : 10 Jan 2017 1:57
Operator : UM/SJ
Sample : I1045-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Manual Integrations APPROVED
Sohil
1/10/2017 10:01:53 AM

Quant Time: Jan 10 04:00:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	155285	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	591601	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	302947	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	437045	20.00	ng		0.00
75) Chrysene-d12	13.80	240	241230	20.00	ng		0.01
86) Perylene-d12	15.18	264	182393	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	337565	36.30	ng		0.01
7) Phenol-d6	6.31	99	433913	38.22	ng		0.00
23) Nitrobenzene-d5	7.20	82	178518	16.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	63014	25.13	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	422398	18.47	ng		0.00
78) Terphenyl-d14	12.75	244	260806	26.22	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.41	163	52548	2.71	ng		99
70) Phenanthrene	11.18	178	125371	5.29	ng		98
74) Fluoranthene	12.37	202	200703	6.37	ng		98
77) Pyrene	12.60	202	156198	8.83	ng		98
80) Benzo(a)anthracene	13.79	228	53288	3.91	ng	#	87
82) Chrysene	13.82	228	69260m	5.07	ng		

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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Acq On : 10 Jan 2017 1:57
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BNA_F
ClientSampleId :
RAP-SP4

Manual Integrations APPROVED
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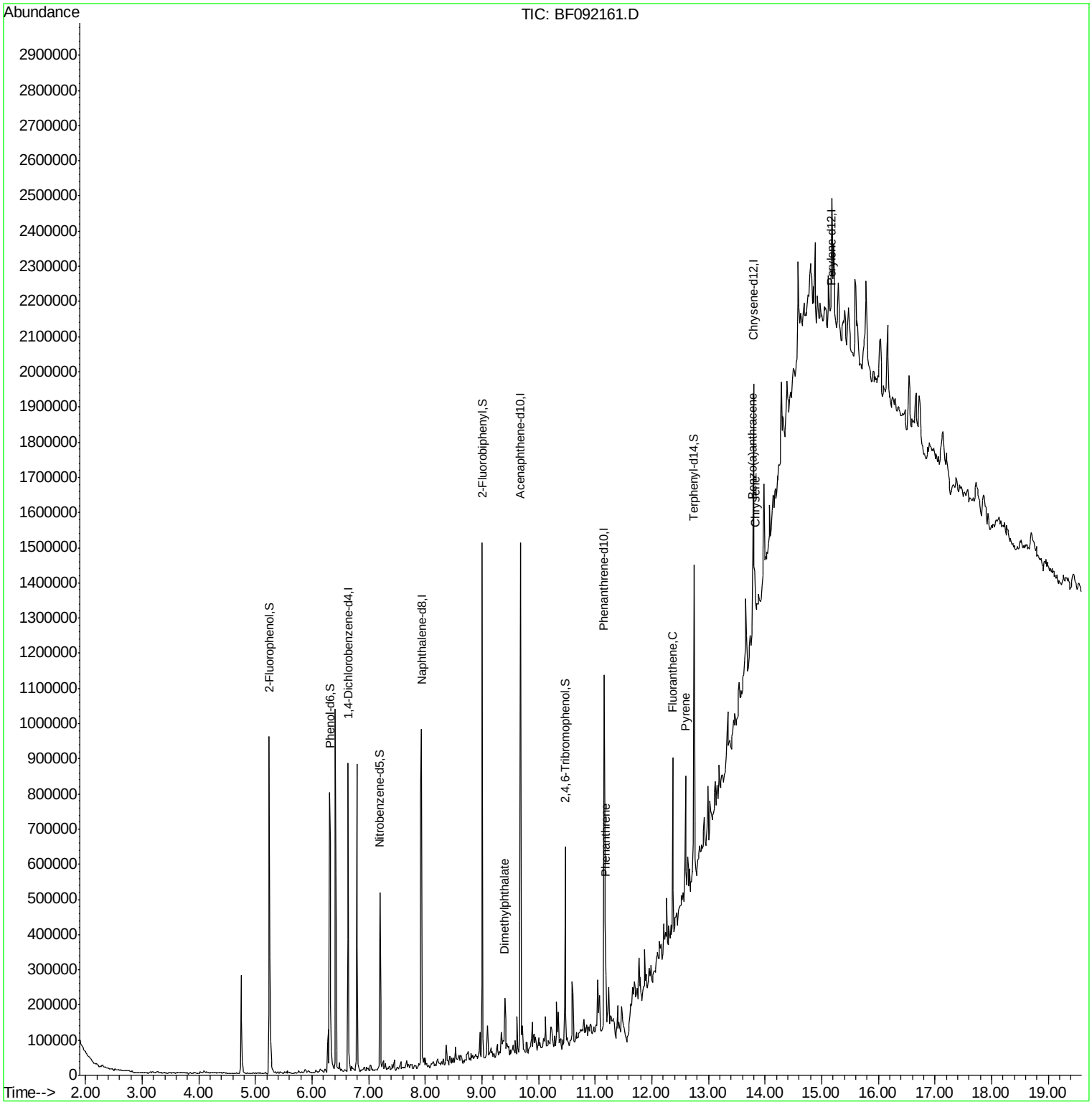
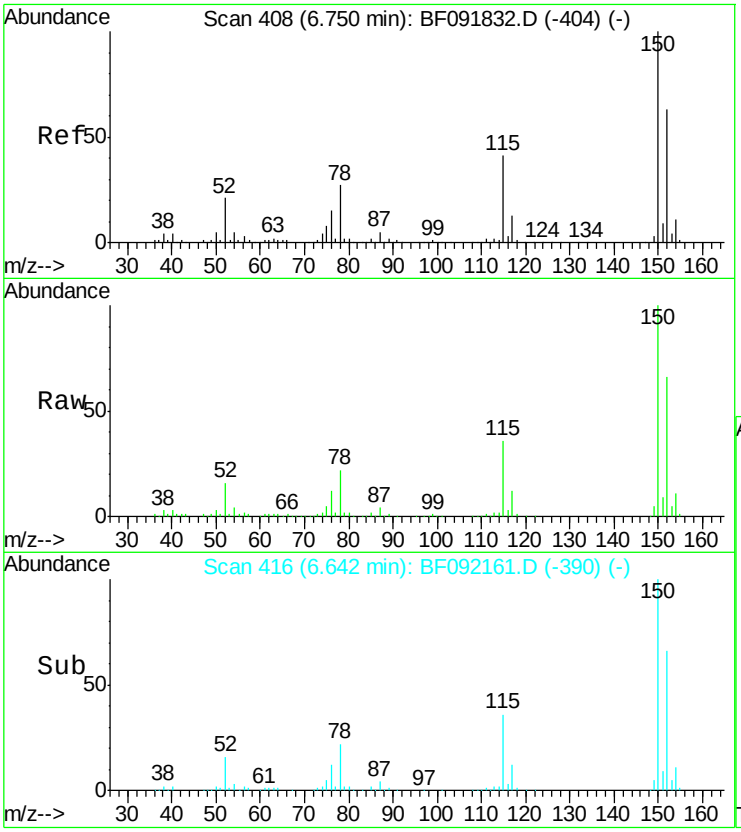
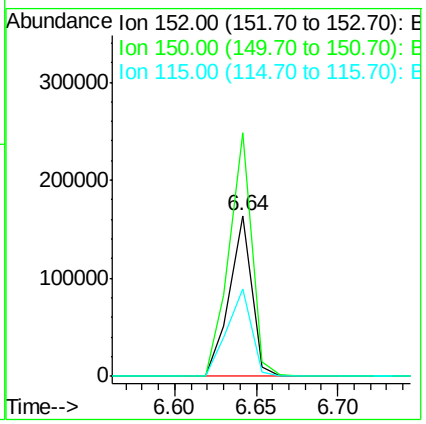




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:152 Resp: 155285

Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.9	187.3
115	54.0	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Manual Integrations APPROVED
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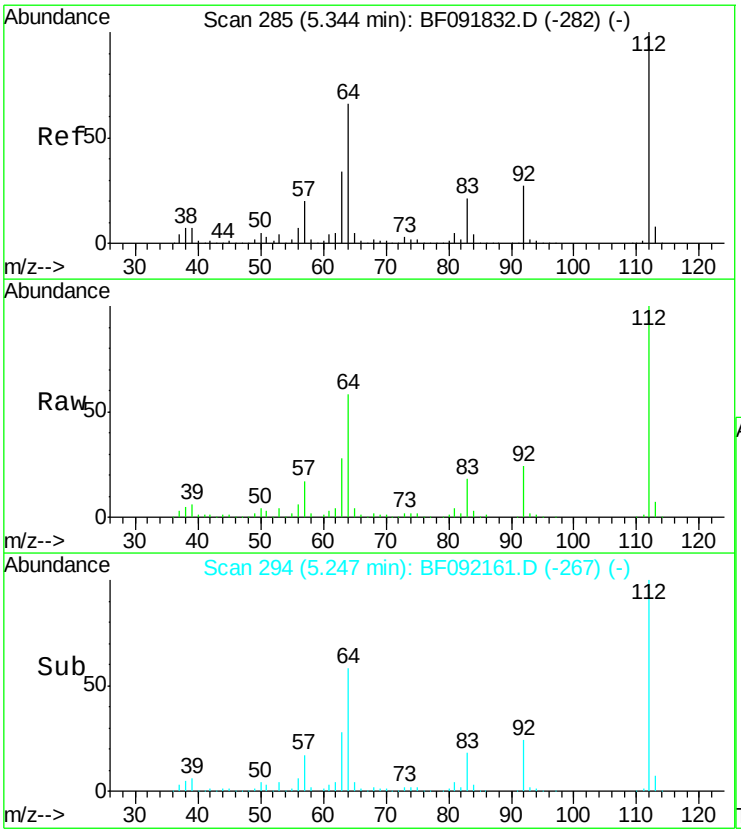
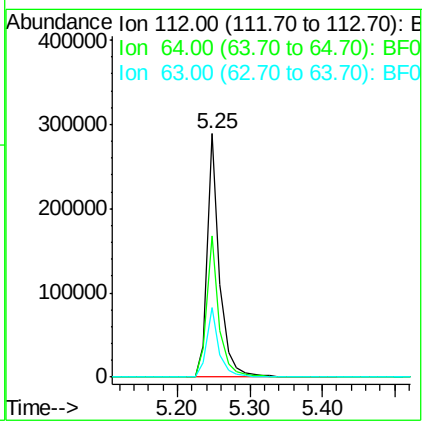
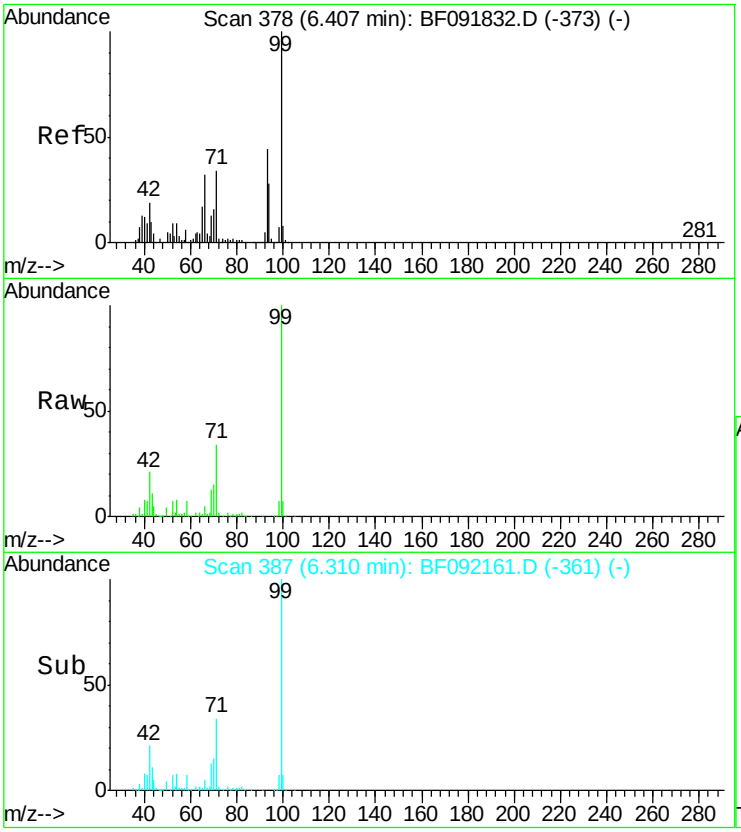


#5
2-Fluorophenol
Concen: 36.30 ng
RT: 5.25 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:112 Resp: 337565

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.1	69.1
63	28.5	23.8	35.6

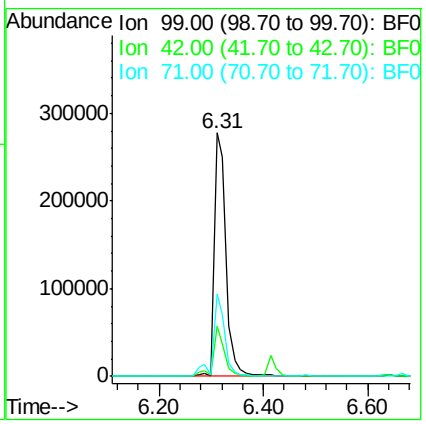




#7
Phenol-d6
Concen: 38.22 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion: 99 Resp: 433913

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.6	23.4
71	33.8	27.5	41.3



Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Manual Integrations APPROVED
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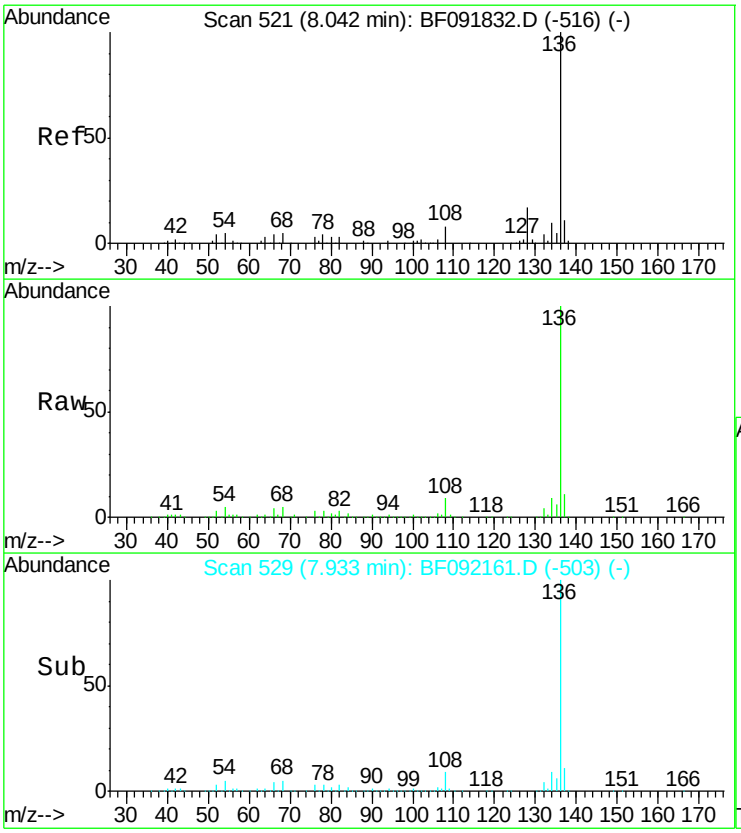
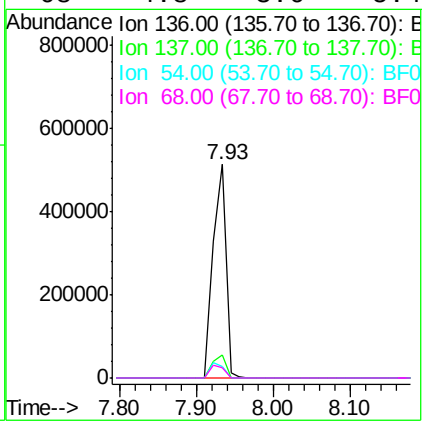
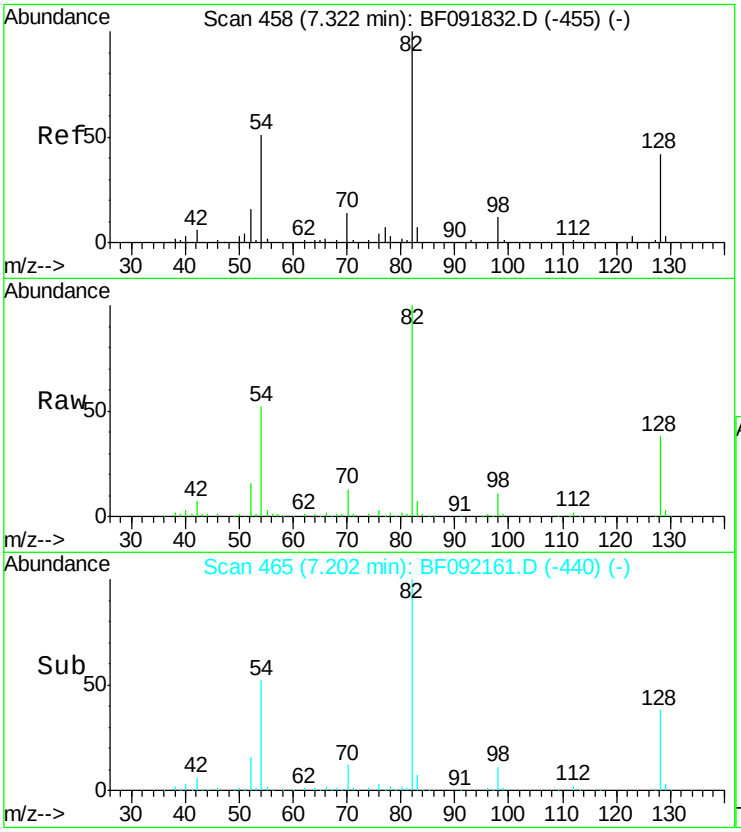


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:136 Resp: 591601

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	5.4	4.5	6.7
68	4.8	3.6	5.4

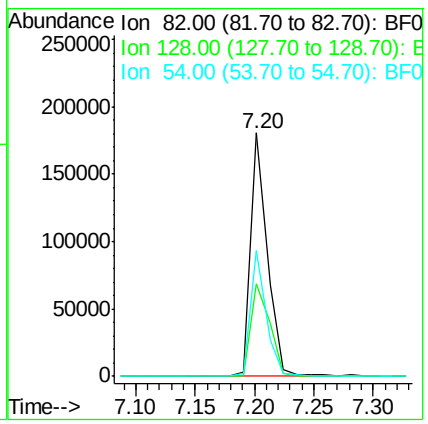




#23
Nitrobenzene-d5
Concen: 16.78 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion: 82 Resp: 178518

Ion	Ratio	Lower	Upper
82	100		
128	38.1	34.6	52.0
54	51.5	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Manual Integrations APPROVED
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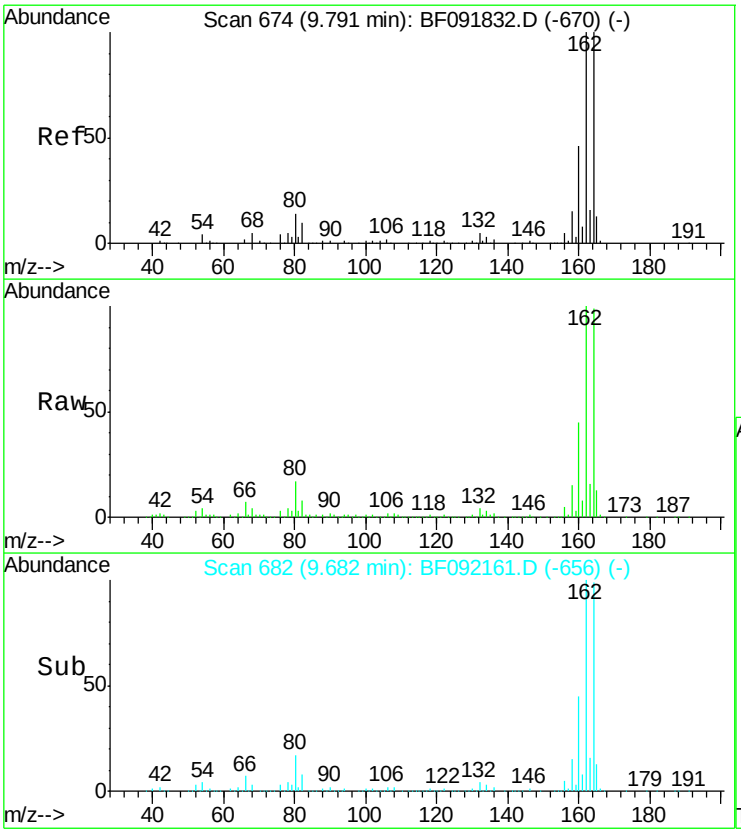
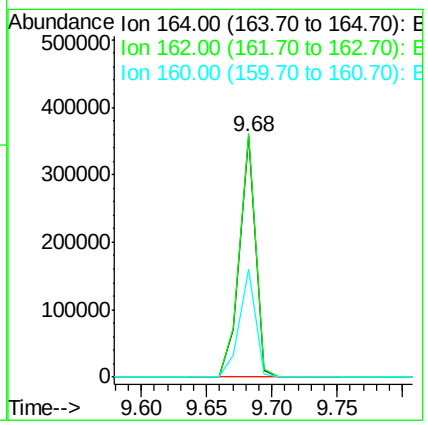
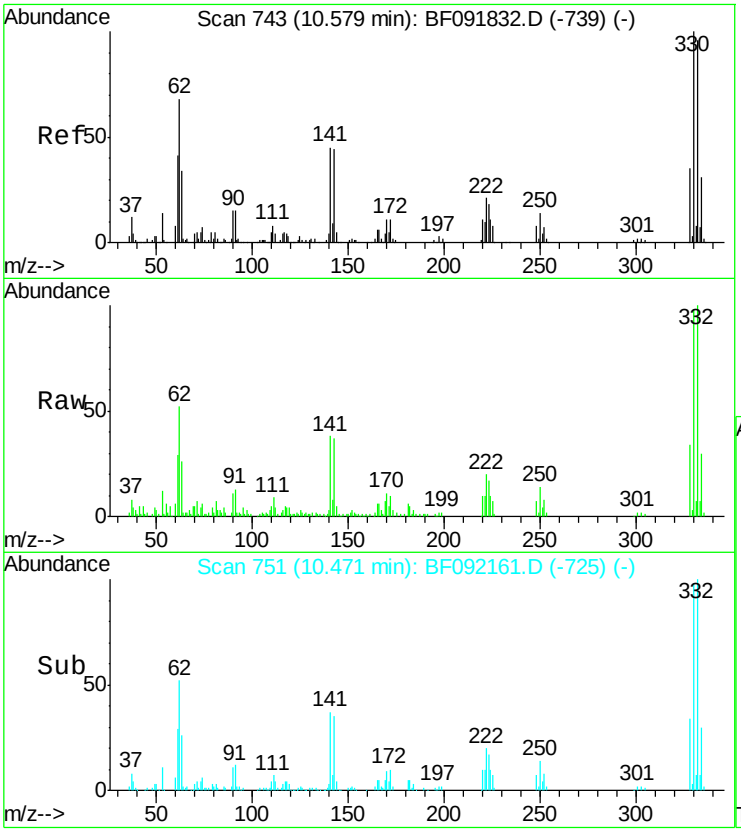


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:164 Resp: 302947

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	45.0	36.9	55.3

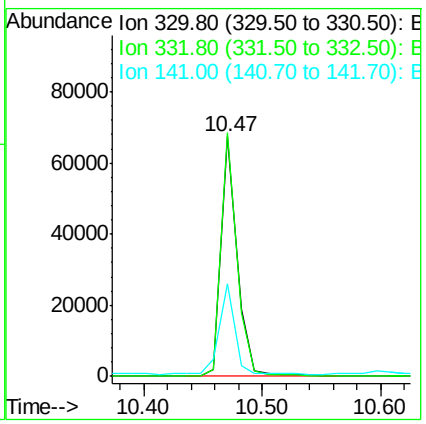




#41
2,4,6-Tribromophenol
Concen: 25.13 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:330 Resp: 63014

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.4	116.2
141	38.4	34.1	51.1



Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Manual Integrations APPROVED
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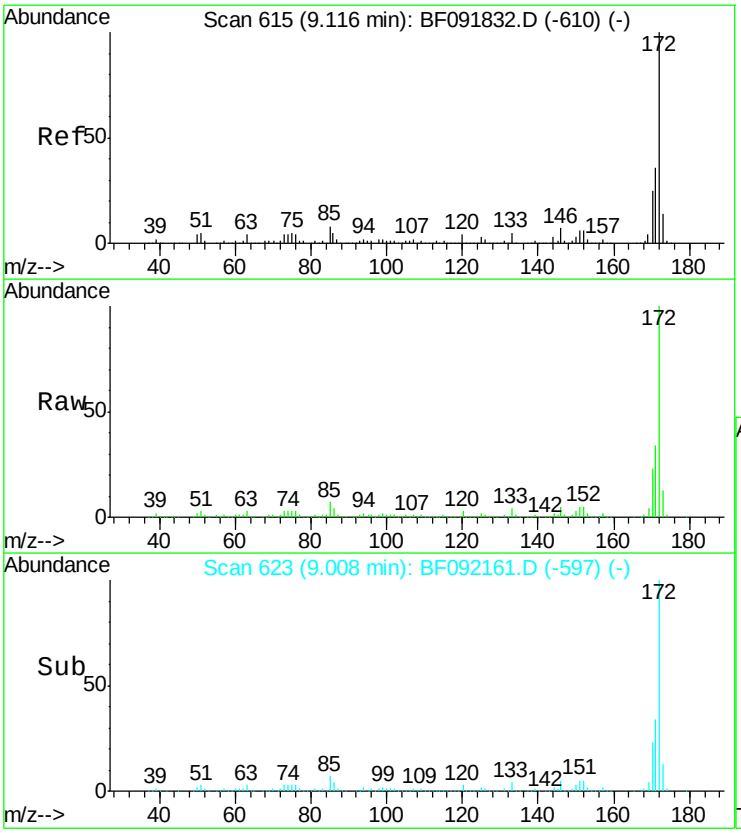
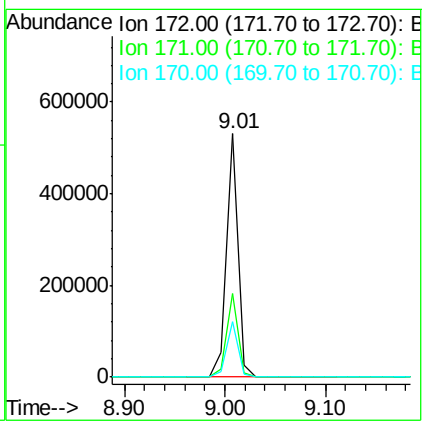
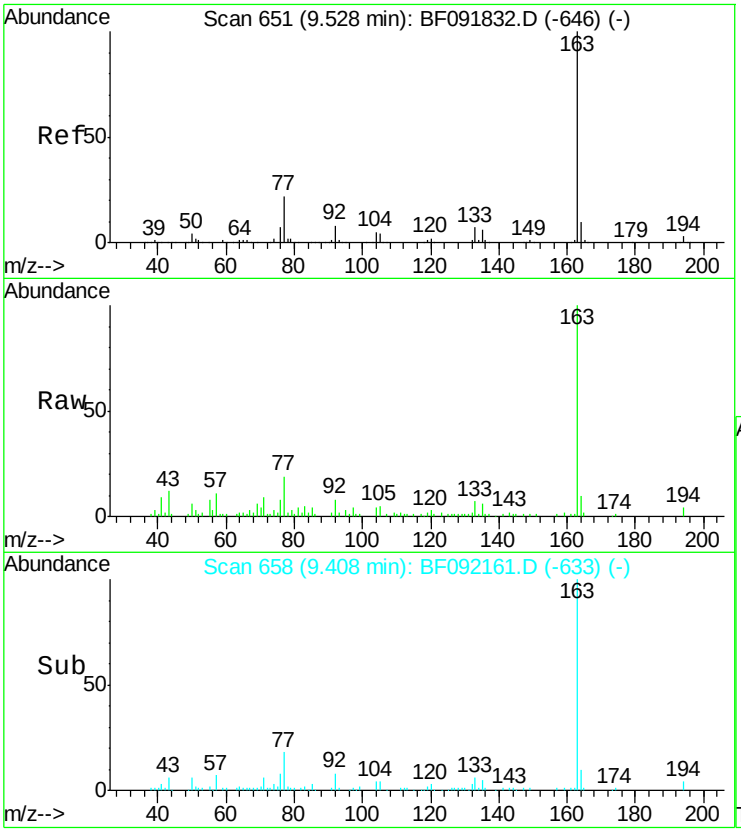


#44
2-Fluorobiphenyl
Concen: 18.47 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:172 Resp: 422398

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.4	44.0
170	23.0	20.2	30.4

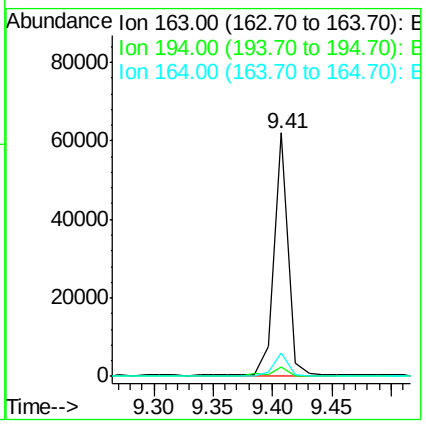




#49
Dimethylphthalate
Concen: 2.71 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:163 Resp: 52548

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.6	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Manual Integrations APPROVED
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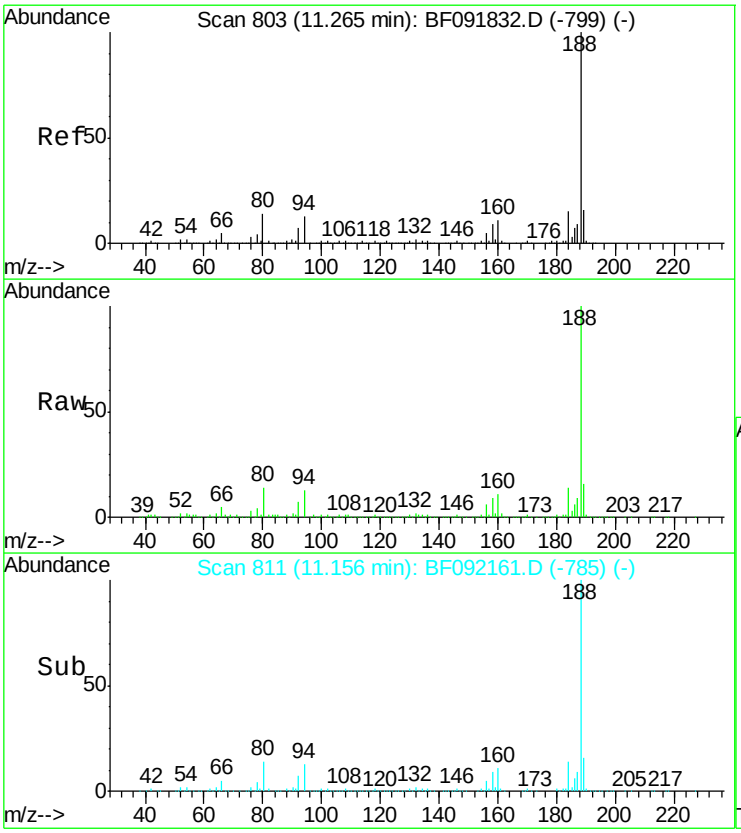
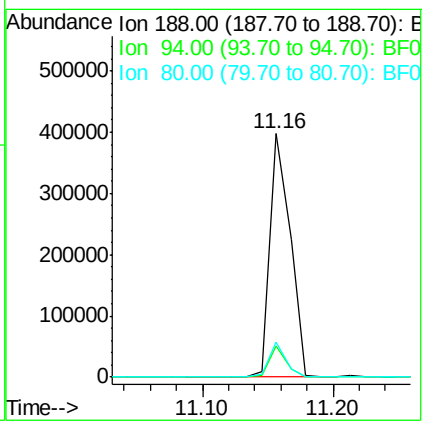
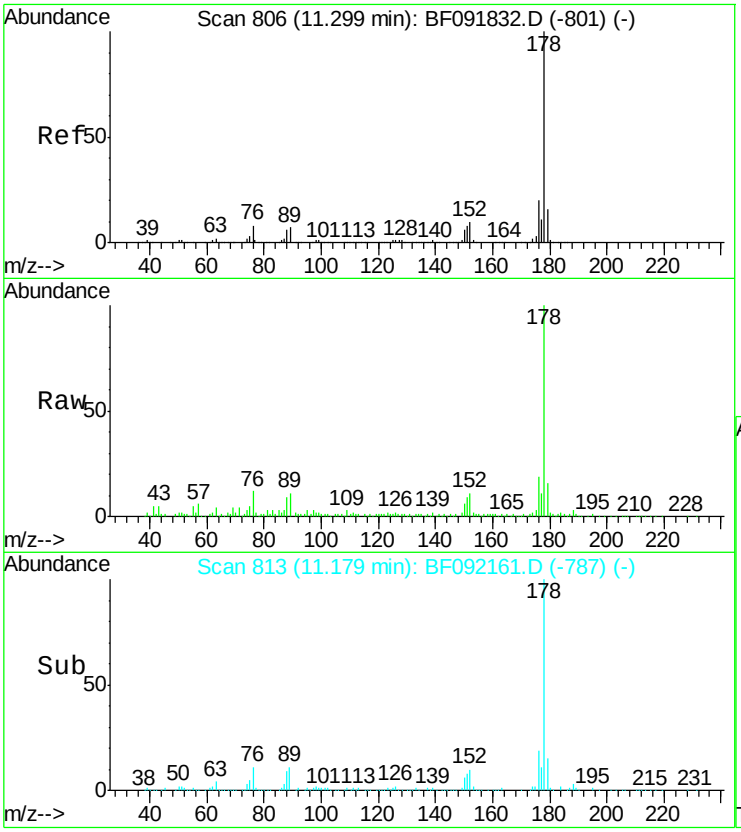


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:188 Resp: 437045

Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.0	15.0
80	14.2	11.2	16.8

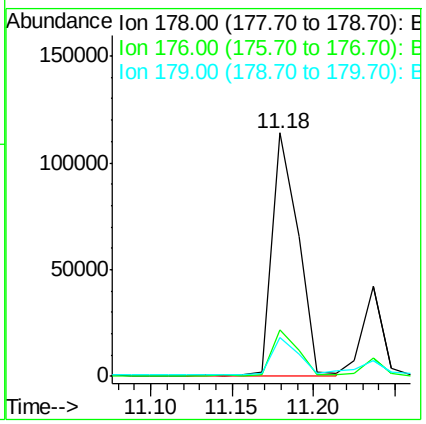




#70
Phenanthrene
Concen: 5.29 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:178 Resp: 125371

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	15.9	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Manual Integrations APPROVED
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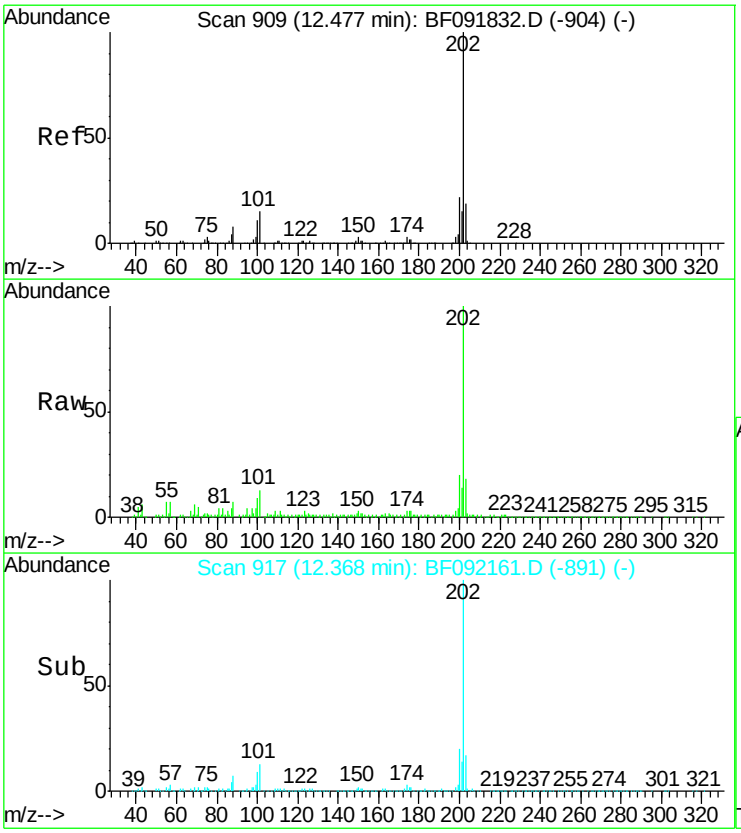
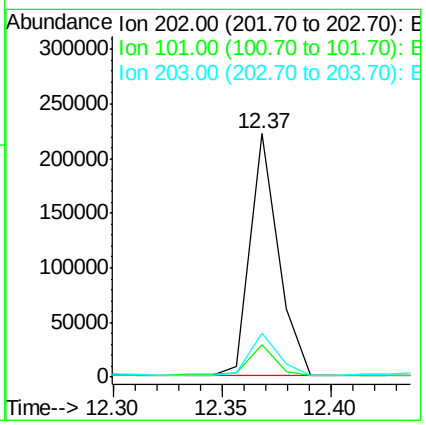
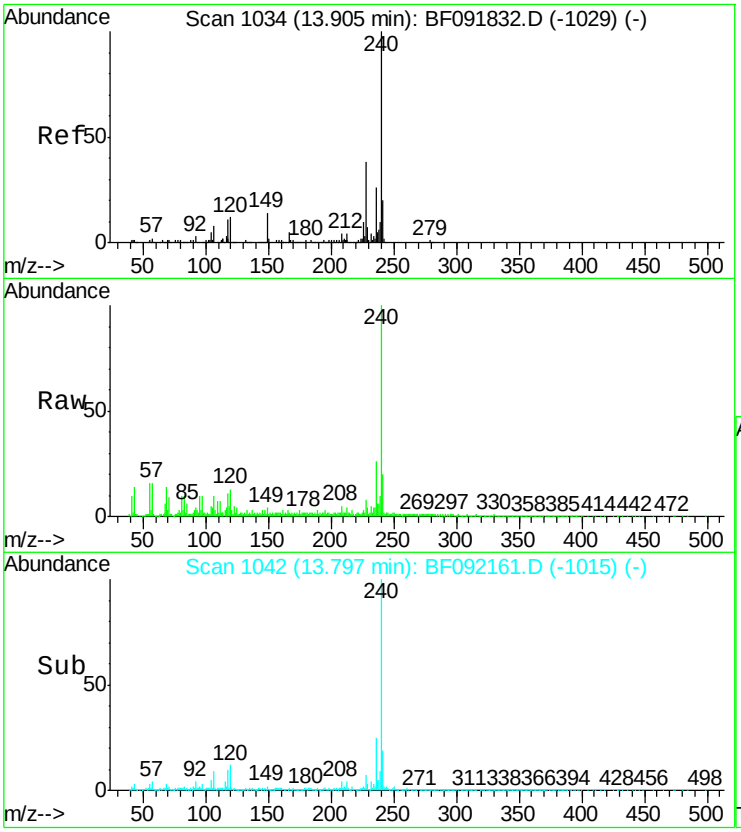


#74
Fluoranthene
Concen: 6.37 ng
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:202 Resp: 200703

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.6
203	17.8	0.0	38.7

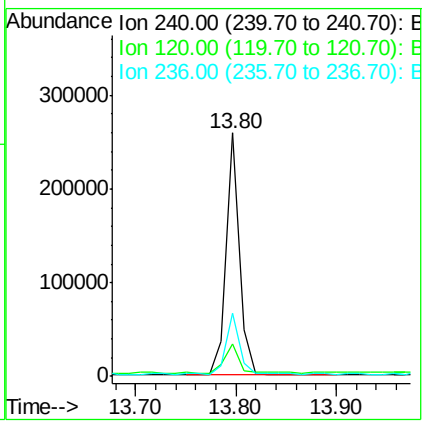




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:240 Resp: 241230

Ion	Ratio	Lower	Upper
240	100		
120	13.4	12.9	19.3
236	26.1	20.9	31.3



Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Manual Integrations APPROVED
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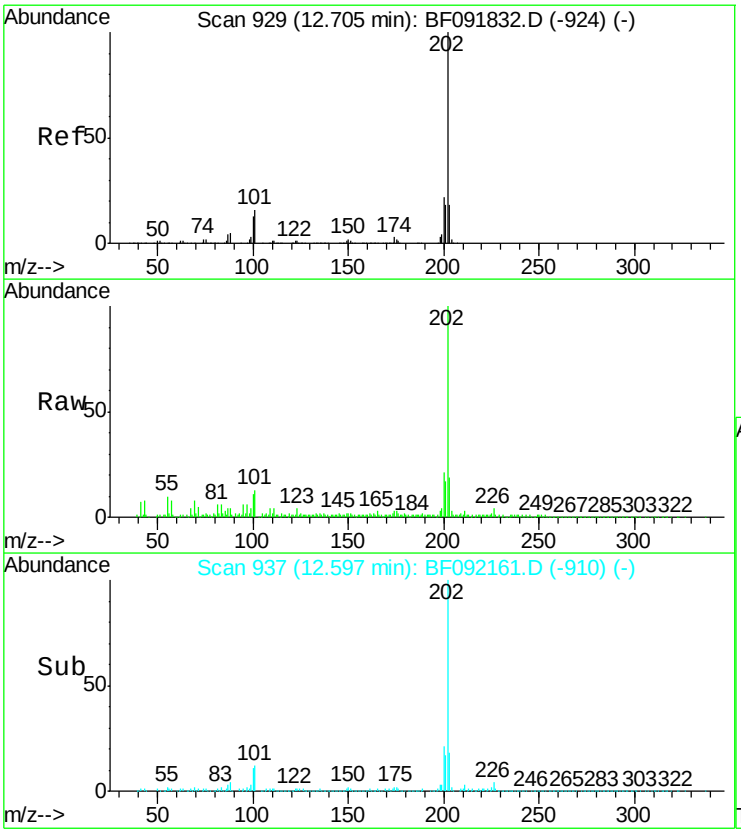
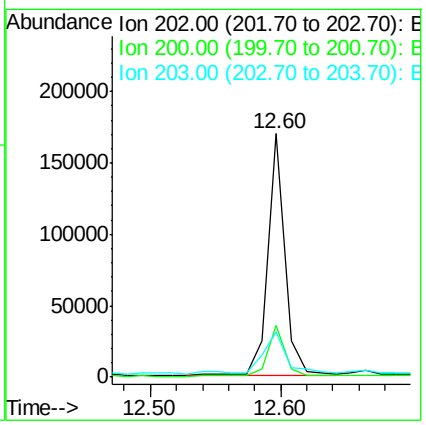
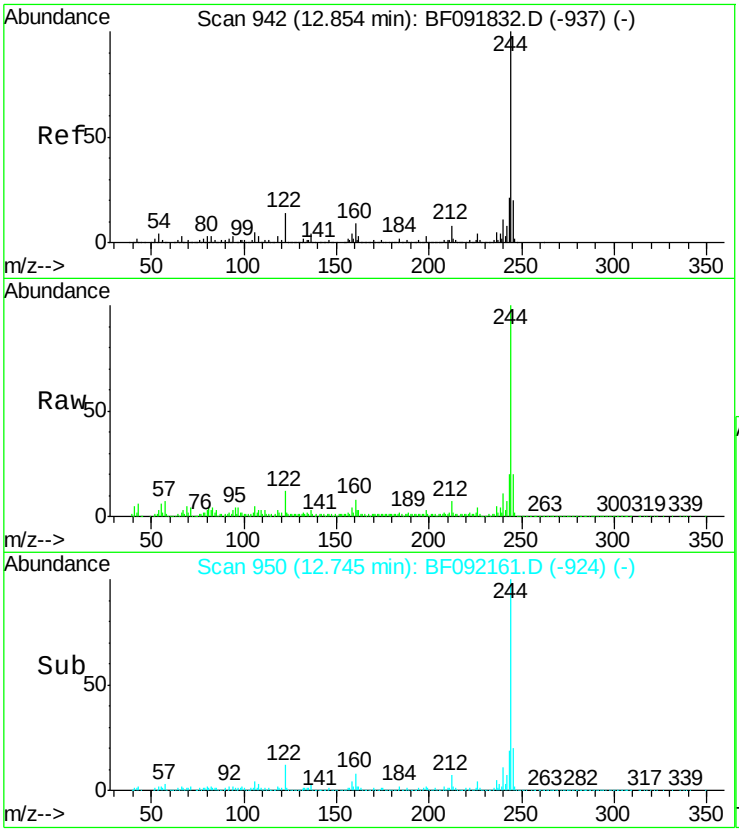


#77
Pyrene
Concen: 8.83 ng
RT: 12.60 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:202 Resp: 156198

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	18.6	14.7	22.1

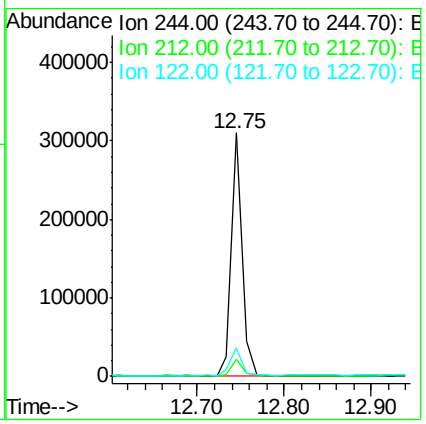




#78
Terphenyl-d14
Concen: 26.22 ng
RT: 12.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:244 Resp: 260806

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	12.0	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Manual Integrations APPROVED
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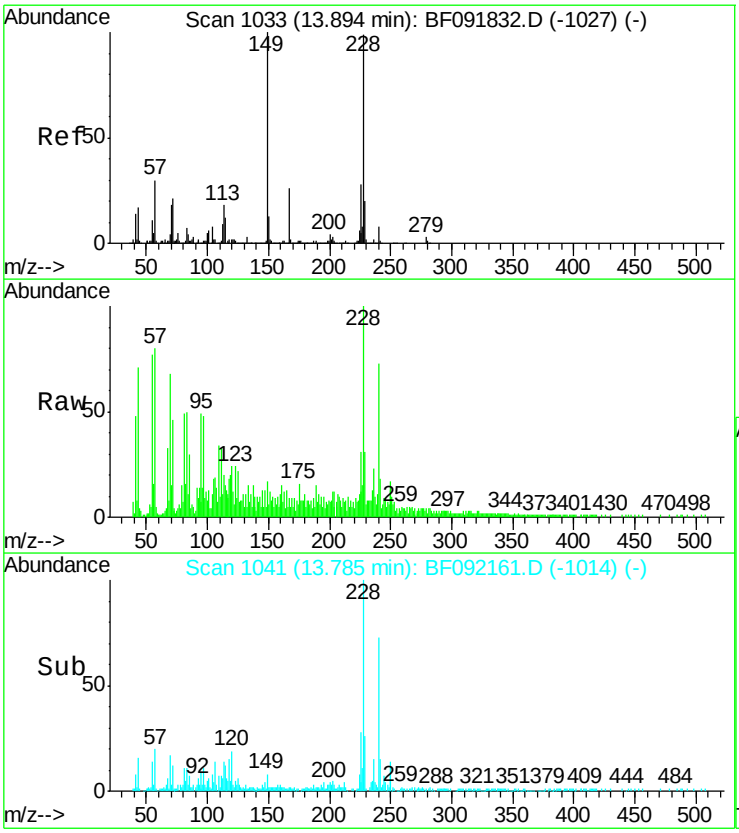
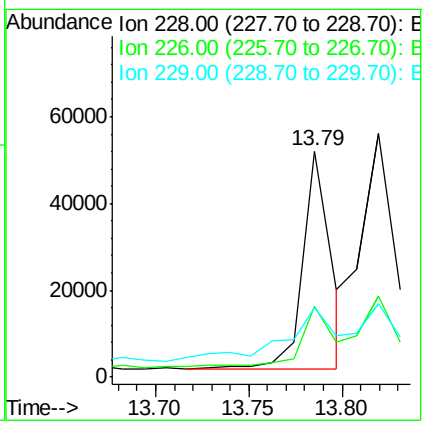
1/10/2017 10:01:53 AM

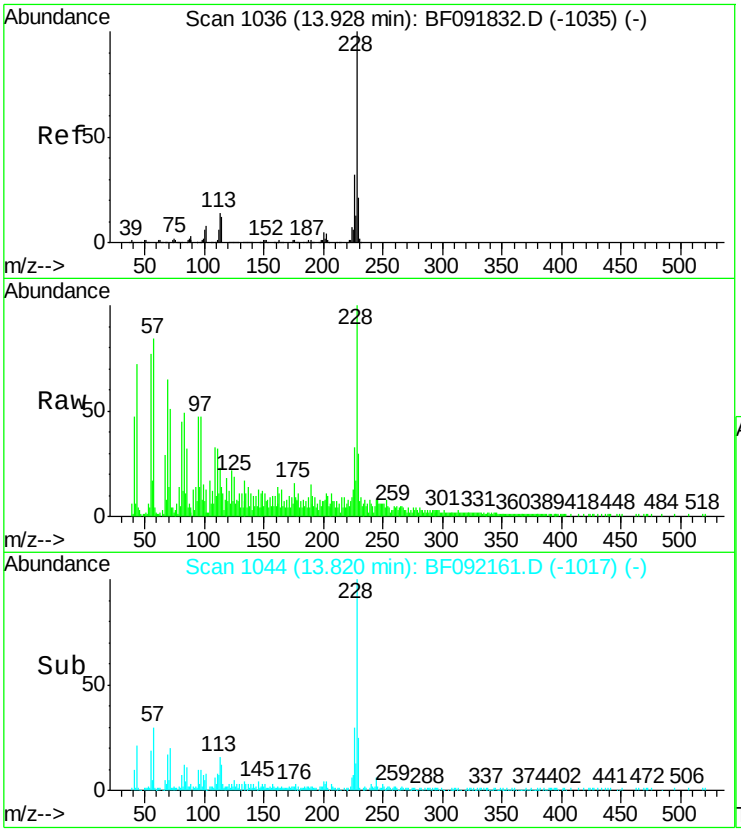


#80
Benzo(a)anthracene
Concen: 3.91 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:228 Resp: 53288

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.4	33.6
229	30.8	16.2	24.4#





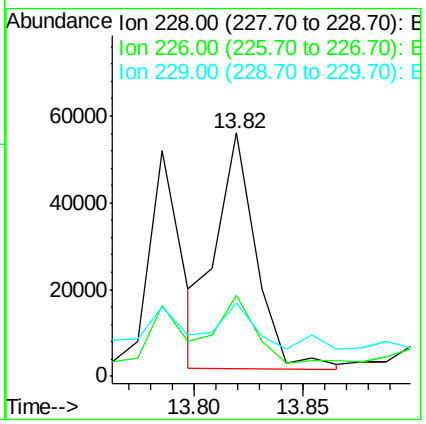
#82
Chrysene
Concen: 5.07 ng m
RT: 13.82 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

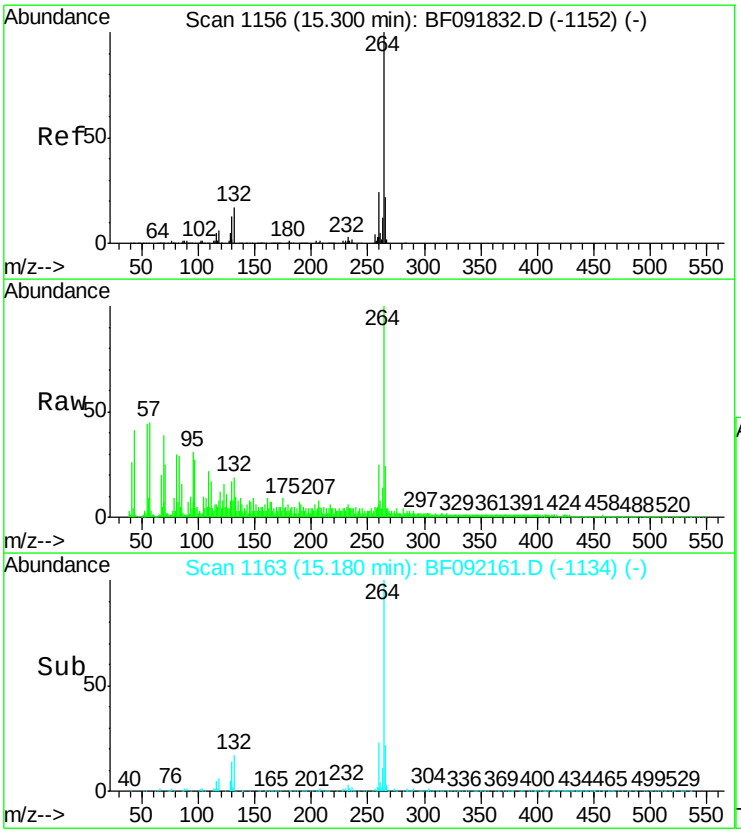
Tgt Ion:228 Resp: 69260

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.4	38.0
229	30.0	16.2	24.2#

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Manual Integrations APPROVED
Sohil
1/10/2017 10:01:53 AM





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.03 min
Lab File: BF092161.D
Acq: 10 Jan 2017 1:57

Tgt Ion:264 Resp: 182393

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	24.5	17.4	26.0