Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
Data File : BF077279.D
Acq On : 12 Feb 2015 9:35
Operator : TP/IZ
Sample : G1254-04RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UB10BRE

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Quant Time: Feb 12 12:11:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	41795	20.00	ng		-0.06
21) Naphthalene-d8	10.45	136	178268m	20.00	ng		-0.05
38) Acenaphthene-d10	14.58	164	100271	20.00	ng		-0.05
63) Phenanthrene-d10	17.47	188	160991	20.00	ng		-0.03
75) Chrysene-d12	20.99	240	155974	20.00	ng		-0.02
86) Perylene-d12	22.63	264	142779	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.57	112	141086	55.50	ng		-0.02
7) Phenol-d6	6.99	99	183696	57.28	ng		-0.02
23) Nitrobenzene-d5	8.85	82	95264	29.61	ng		-0.05
41) 2,4,6-Tribromophenol	16.34	330	32103	39.44	ng		-0.03
44) 2-Fluorobiphenyl	13.12	172	229323	34.80	ng		-0.05
78) Terphenyl-d14	19.72	244	232716	34.35	ng		-0.03
Target Compounds							Qvalue
70) Phenanthrene	17.51	178	64547	6.43	ng		98
74) Fluoranthene	19.16	202	72262	7.02	ng		100
77) Pyrene	19.45	202	61624	5.76	ng		97
80) Benzo(a)anthracene	20.98	228	32539m	3.33	ng		
82) Chrysene	21.01	228	28776m	3.22	ng		
87) Benzo(b)fluoranthene	22.23	252	32020m	3.33	ng		
89) Benzo(a)pyrene	22.57	252	23326	2.75	ng	#	92

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

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Instrument :
BNA_F
ClientSampleId :
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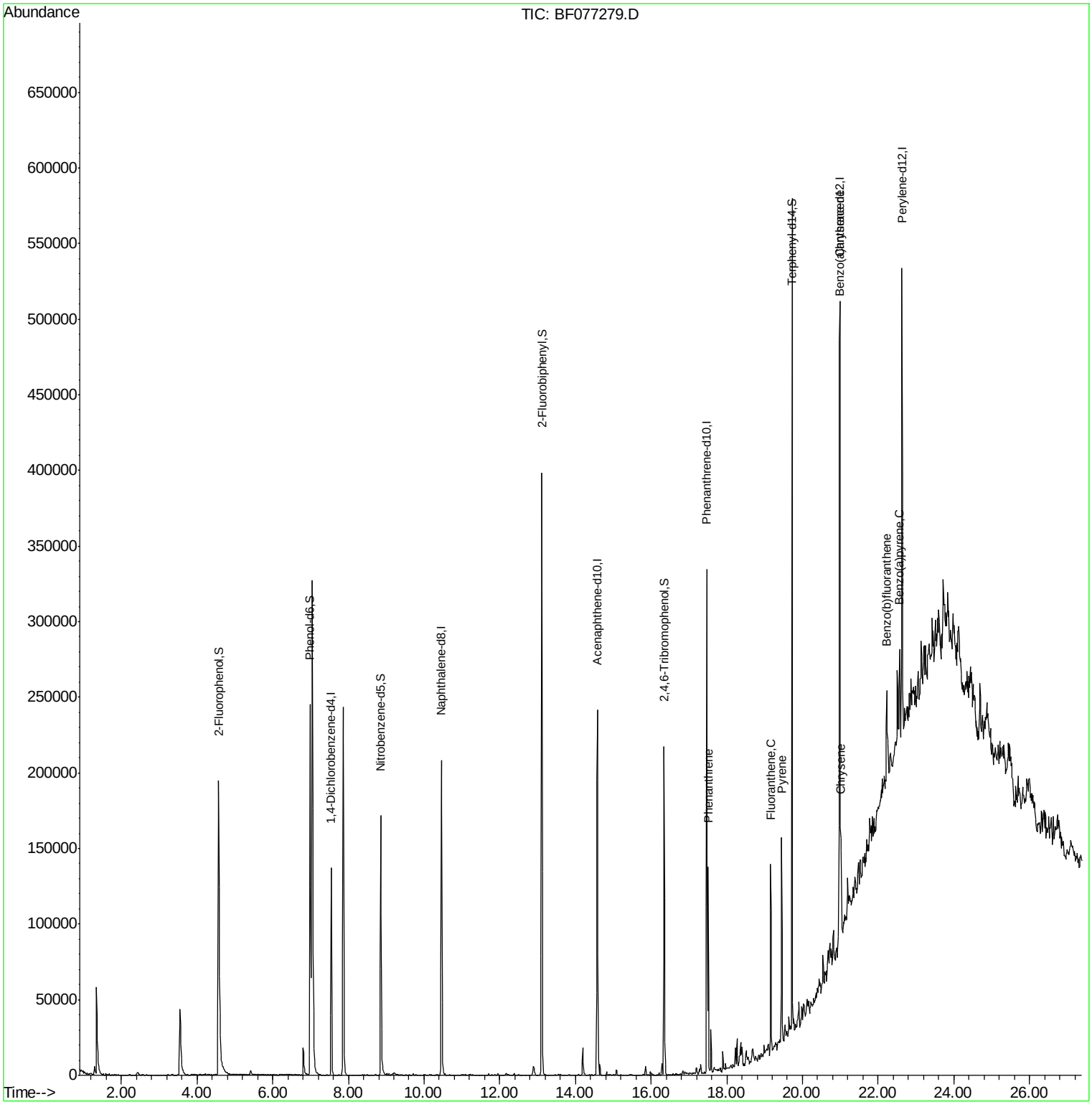
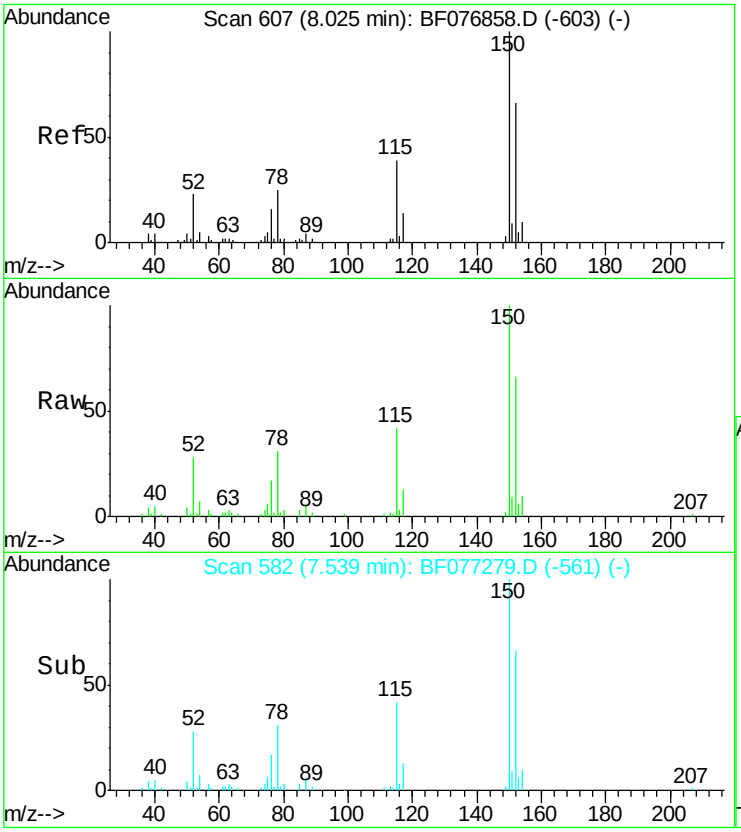
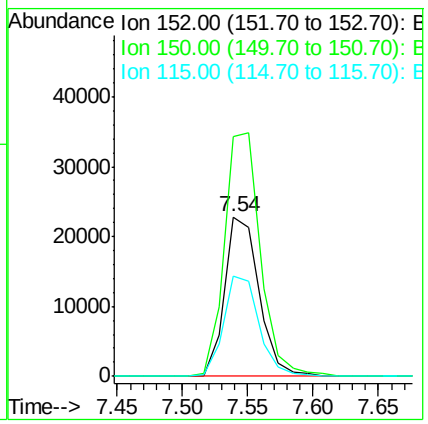




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:152 Resp: 41795

Ion	Ratio	Lower	Upper
152	100		
150	150.4	121.7	182.5
115	62.8	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
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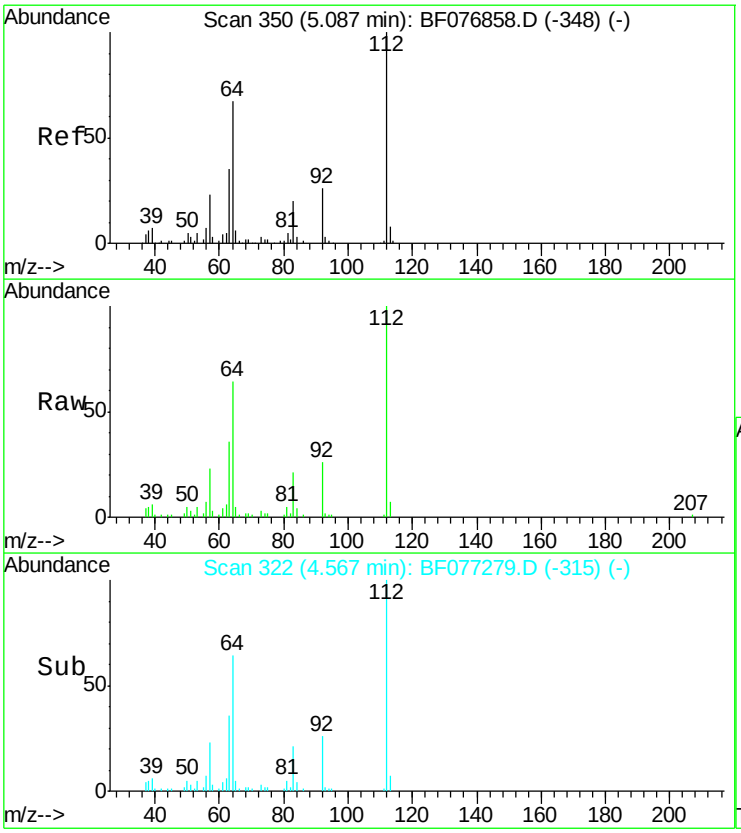
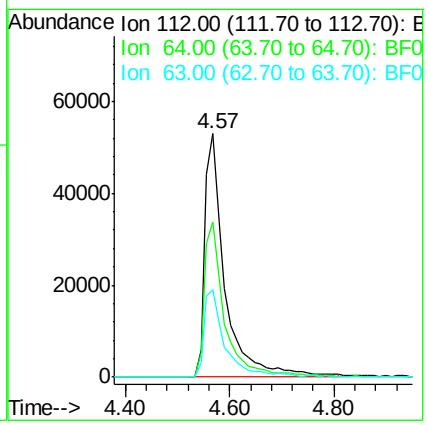
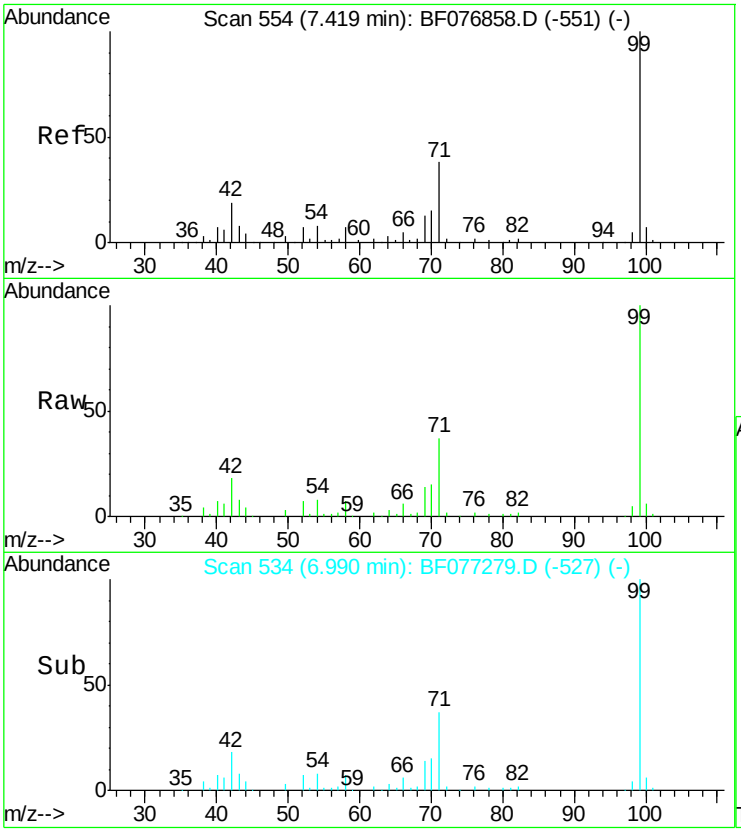


#5
2-Fluorophenol
Concen: 55.50 ng
RT: 4.57 min Scan# 322
Delta R.T. -0.02 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:112 Resp: 141086

Ion	Ratio	Lower	Upper
112	100		
64	63.8	54.2	81.4
63	36.0	28.4	42.6

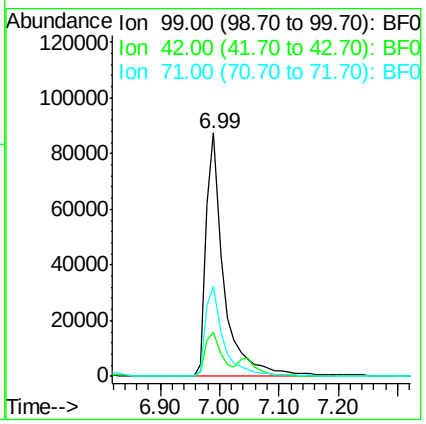




#7
Phenol-d6
Concen: 57.28 ng
RT: 6.99 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion: 99 Resp: 183696

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	36.9	30.5	45.7



Instrument :
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ClientSampleId :
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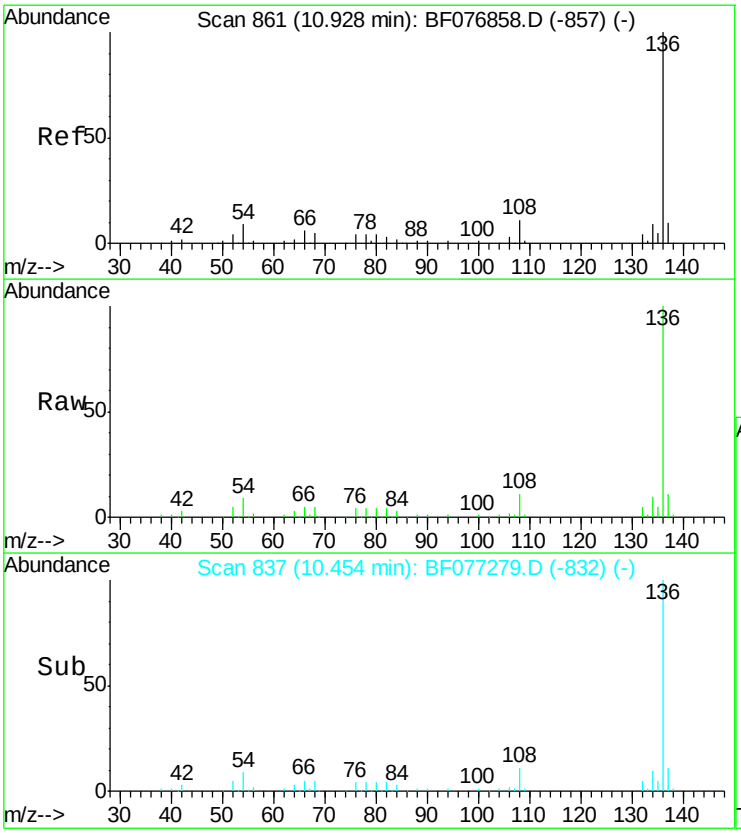
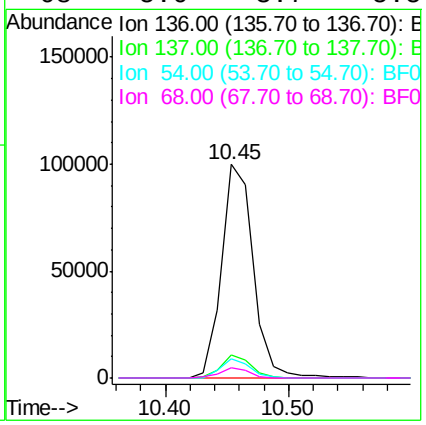
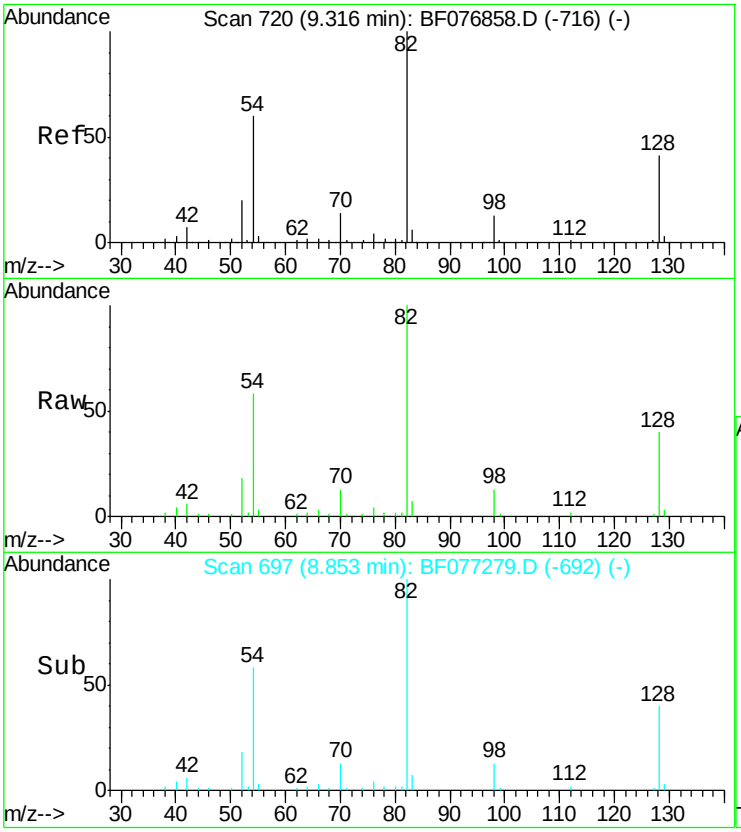


#21
Naphthalene-d8
Concen: 20.00 ng m
RT: 10.45 min Scan# 837
Delta R.T. -0.05 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:136 Resp: 178268

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.1	12.1
54	8.9	7.0	10.4
68	5.0	3.7	5.5

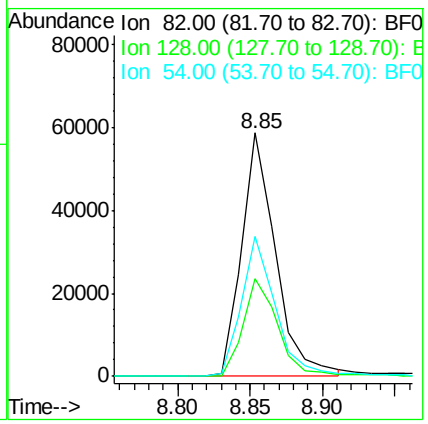




#23
Nitrobenzene-d5
Concen: 29.61 ng
RT: 8.85 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion: 82 Resp: 95264

Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.1	49.7
54	57.6	48.3	72.5



Instrument :
BNA_F
ClientSampleId :
UB10BRE

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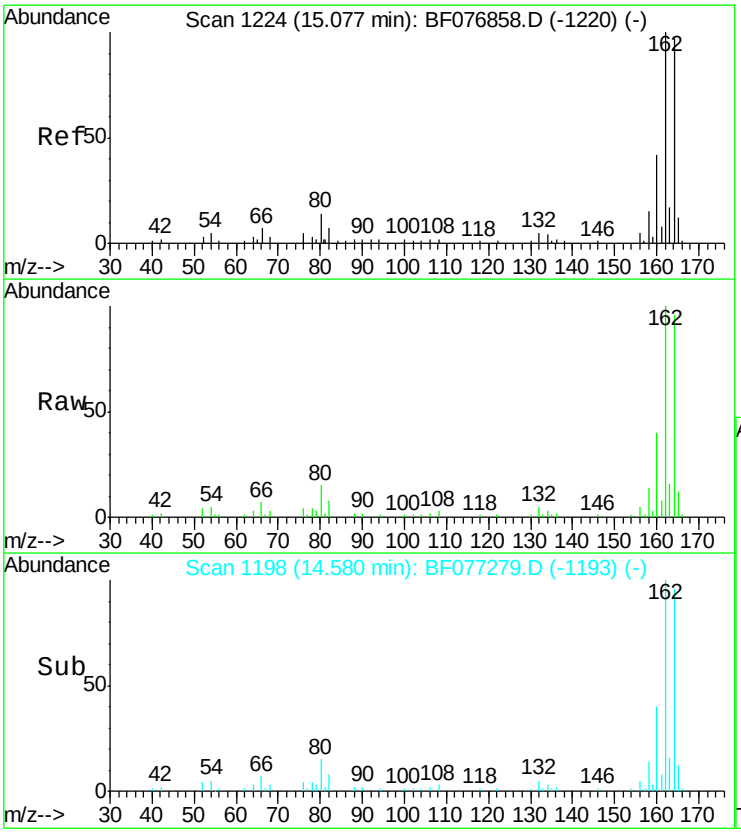
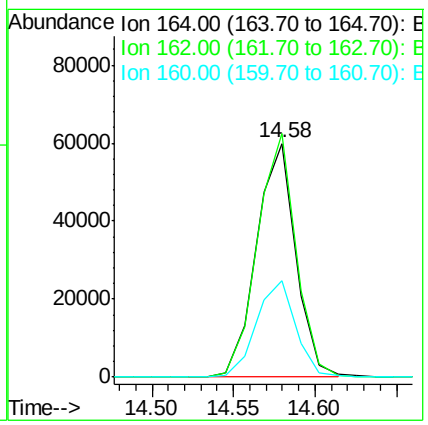
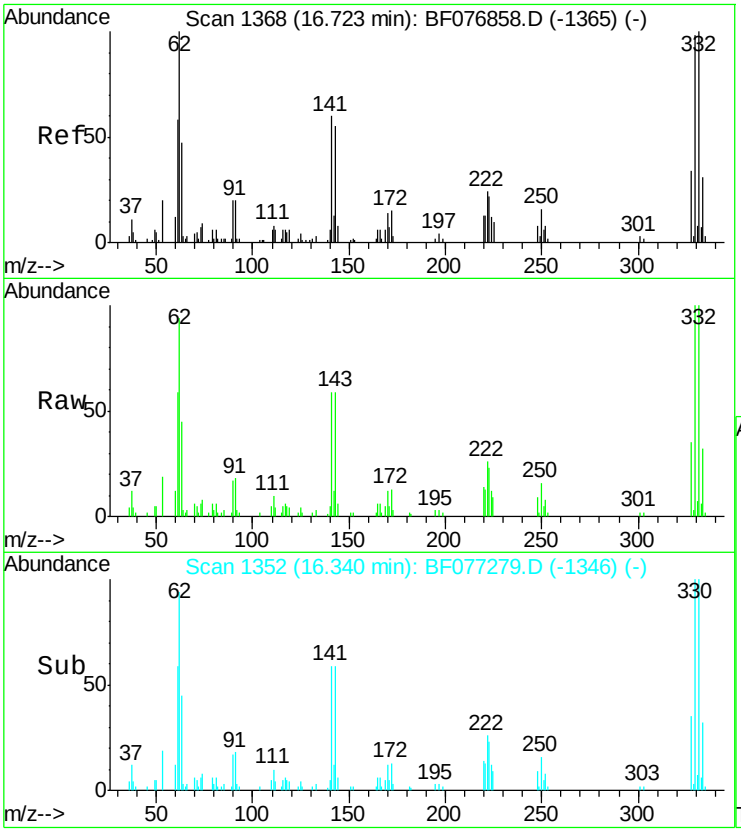


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 1198
Delta R.T. -0.05 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:164 Resp: 100271

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.4	123.6
160	41.2	34.8	52.2

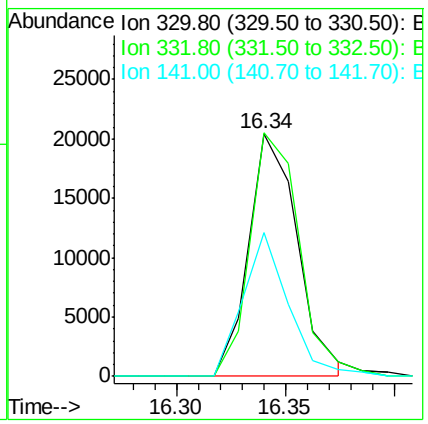




#41
2,4,6-Tribromophenol
Concen: 39.44 ng
RT: 16.34 min Scan# 1352
Delta R.T. -0.03 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:330 Resp: 32103

Ion	Ratio	Lower	Upper
330	100		
332	100.7	77.8	116.6
141	54.4	38.5	57.7



Instrument :
BNA_F
ClientSampleId :
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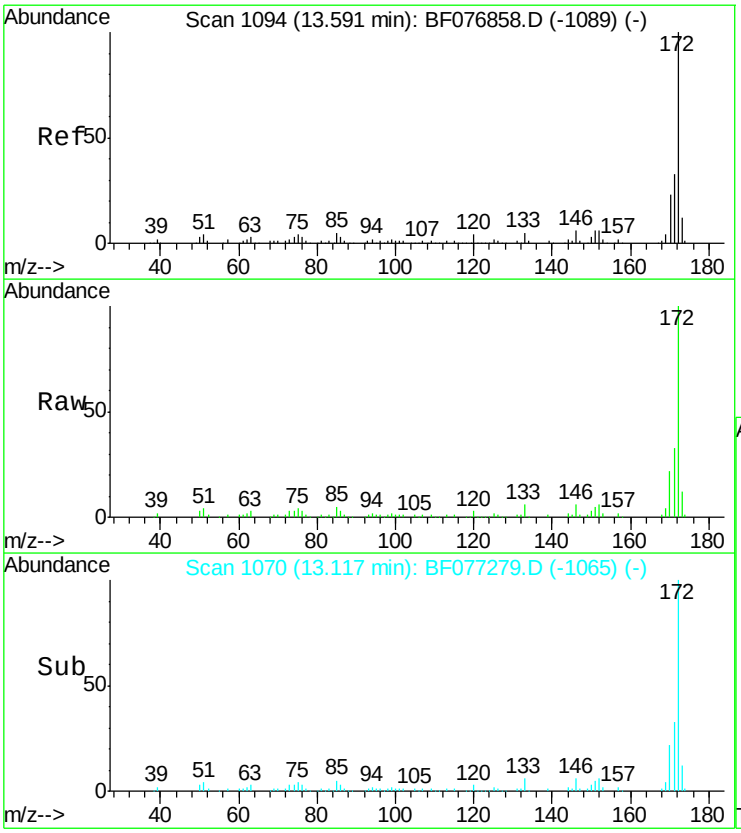
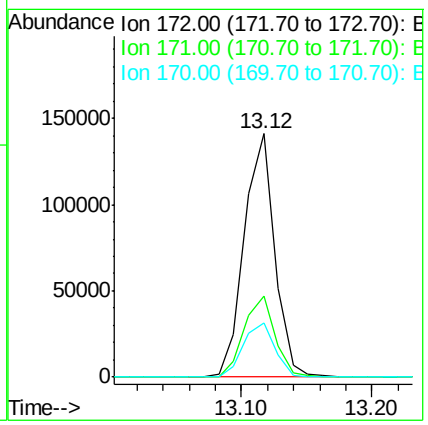
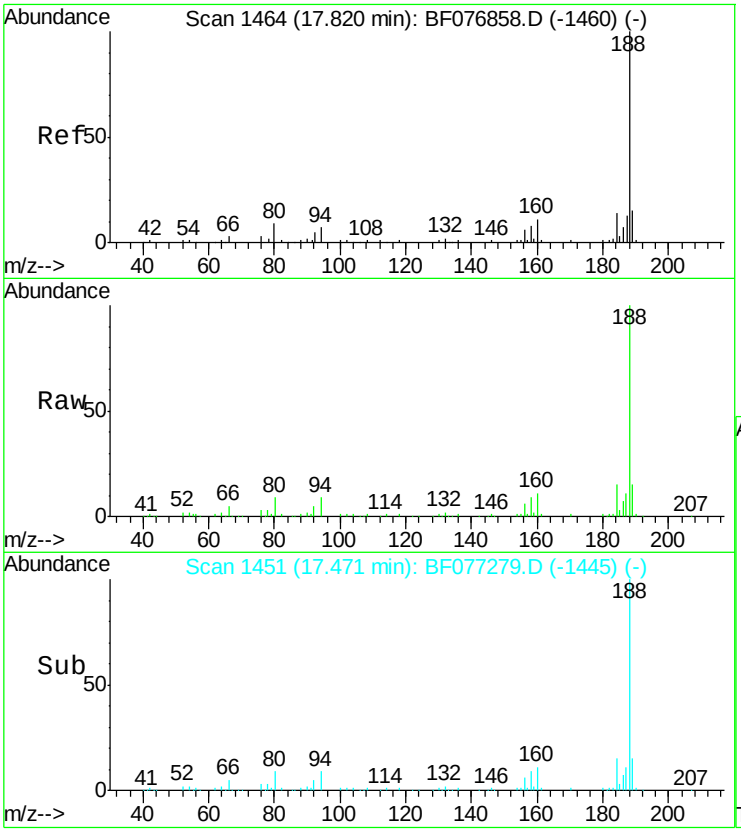


#44
2-Fluorobiphenyl
Concen: 34.80 ng
RT: 13.12 min Scan# 1070
Delta R.T. -0.05 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:172 Resp: 229323

Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.6	40.0
170	22.4	18.0	27.0

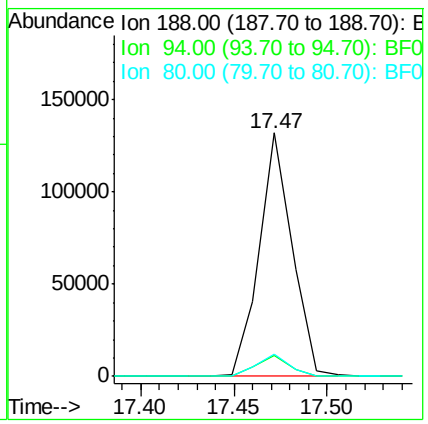




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.03 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:188 Resp: 160991

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.0	9.0
80	9.0	6.9	10.3



Instrument :
BNA_F
ClientSampleId :
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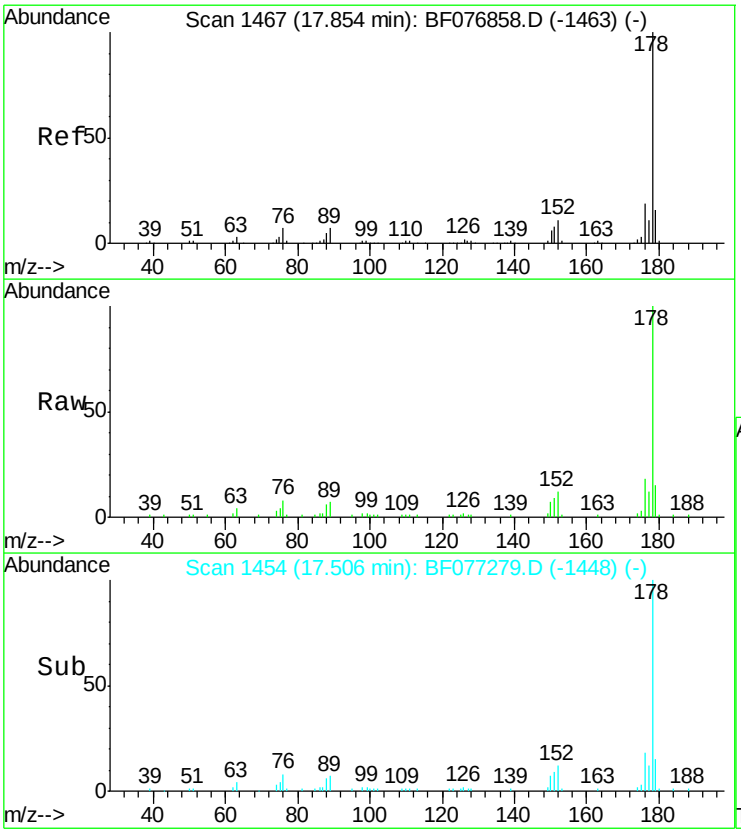
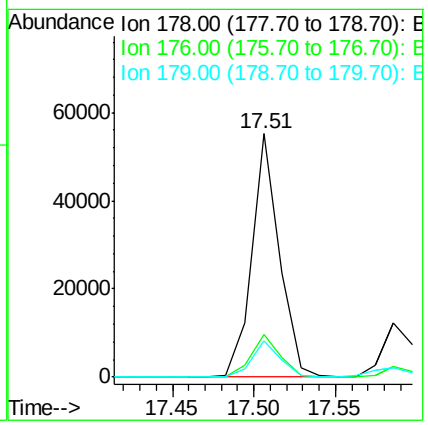
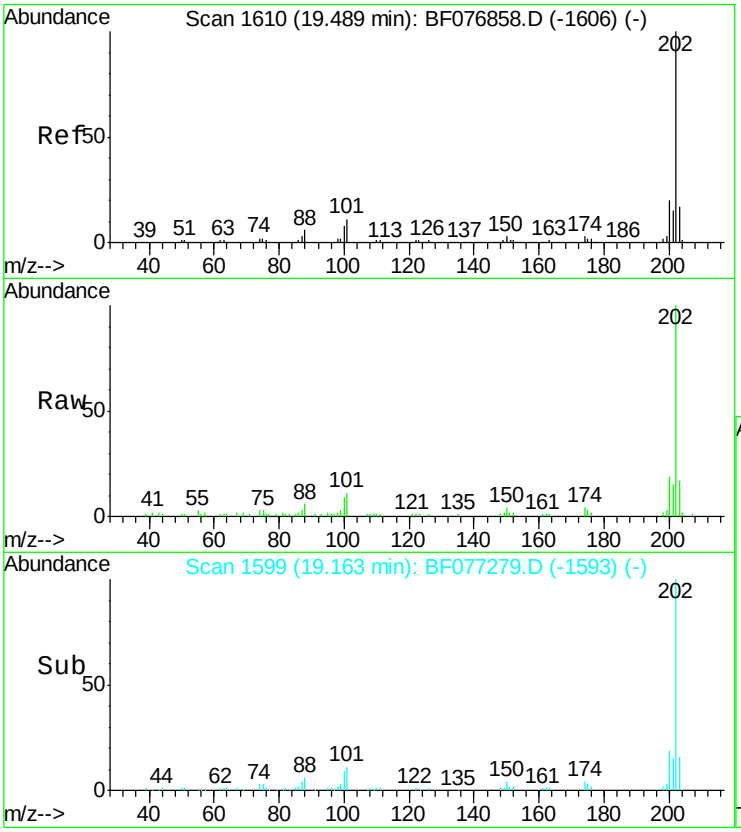


#70
Phenanthrene
Concen: 6.43 ng
RT: 17.51 min Scan# 1454
Delta R.T. -0.03 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:178 Resp: 64547

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.1	22.7
179	15.1	12.7	19.1

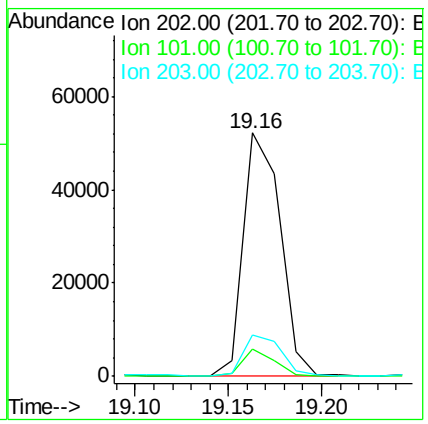




#74
Fluoranthene
Concen: 7.02 ng
RT: 19.16 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:202 Resp: 72262

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.7
203	16.9	0.0	36.9



Instrument :
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ClientSampleId :
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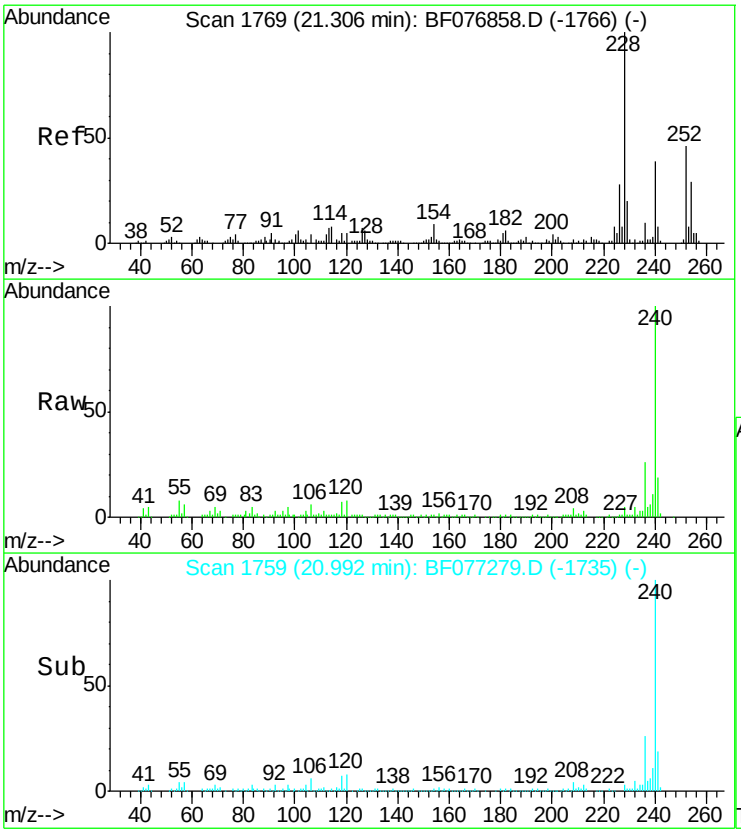
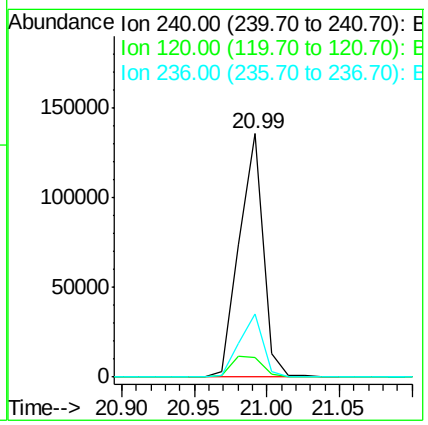
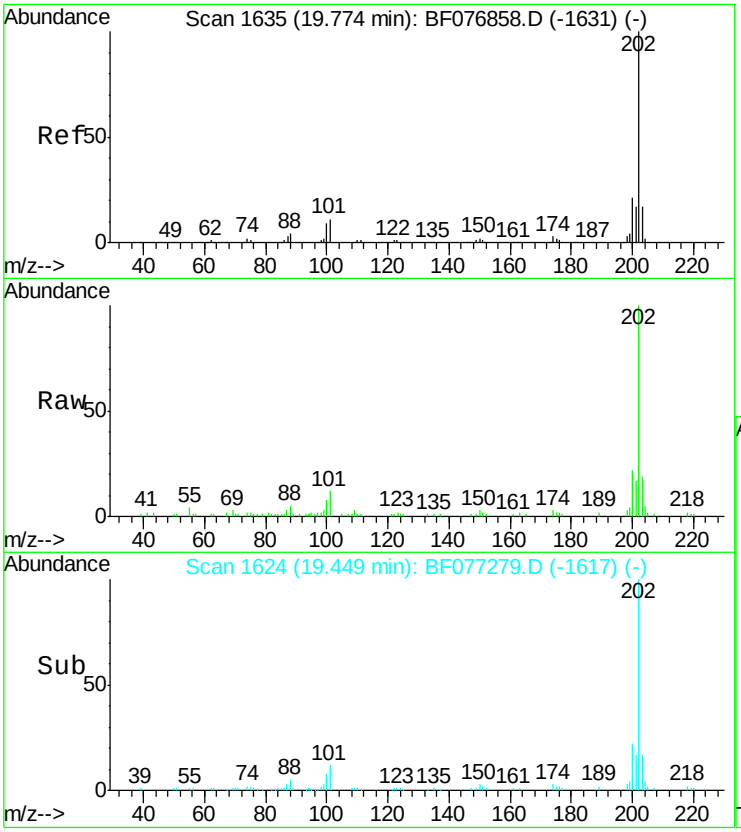


#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.99 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:240 Resp: 155974

Ion	Ratio	Lower	Upper
240	100		
120	8.0	10.4	15.6#
236	25.8	20.2	30.2

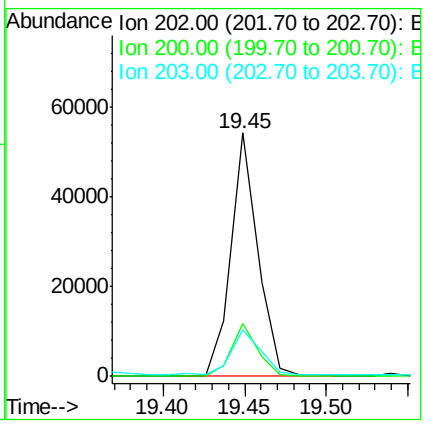




#77
Pyrene
Concen: 5.76 ng
RT: 19.45 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:202 Resp: 61624

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.7	25.1
203	19.2	14.0	21.0



Instrument :
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ClientSampleId :
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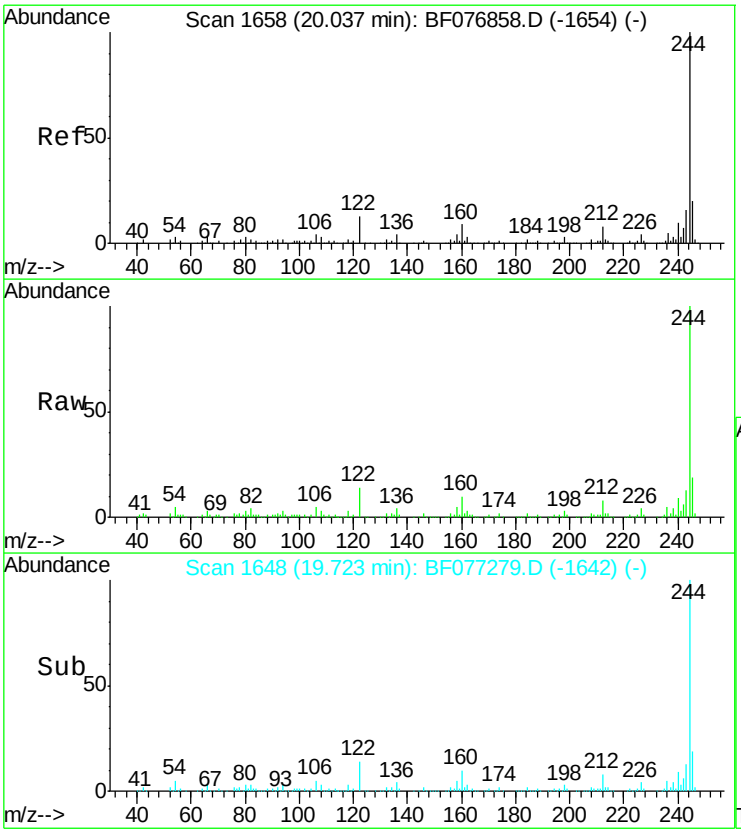
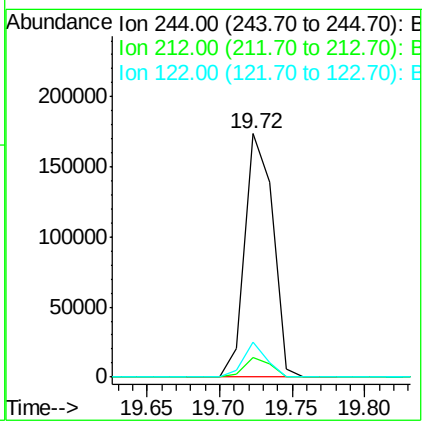
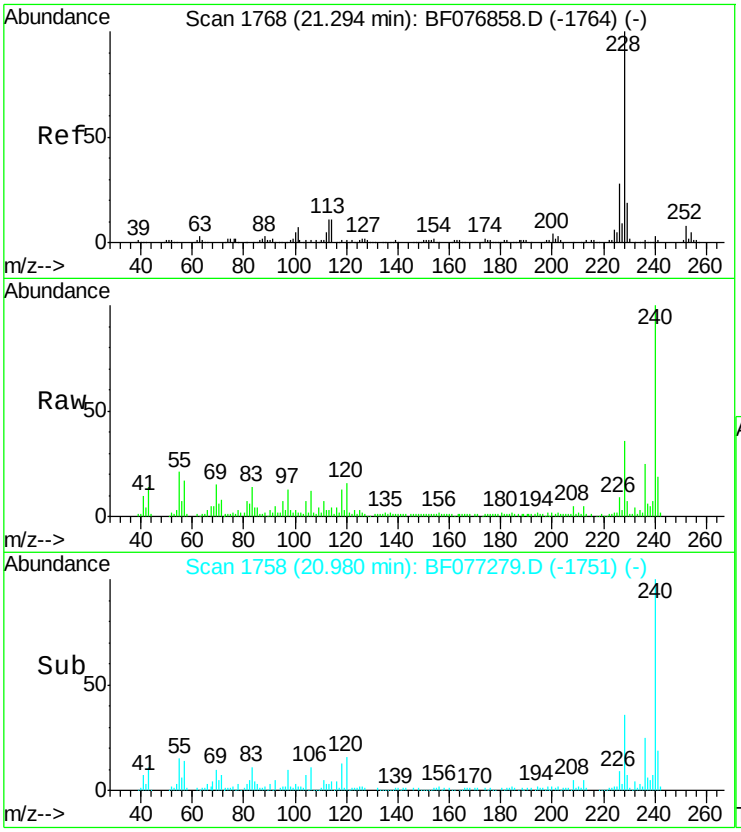


#78
Terphenyl-d14
Concen: 34.35 ng
RT: 19.72 min Scan# 1648
Delta R.T. -0.03 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:244 Resp: 232716

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	14.5	10.1	15.1

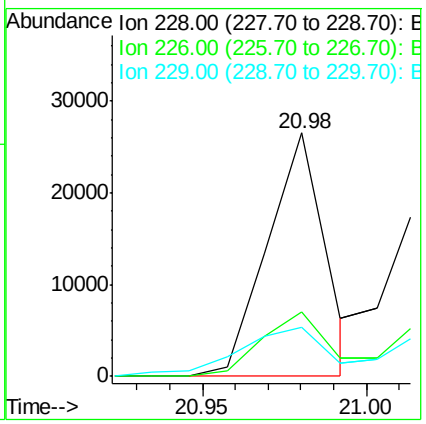




#80
Benzo(a)anthracene
Concen: 3.33 ng m
RT: 20.98 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:228 Resp: 32539

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.1	33.1
229	20.0	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
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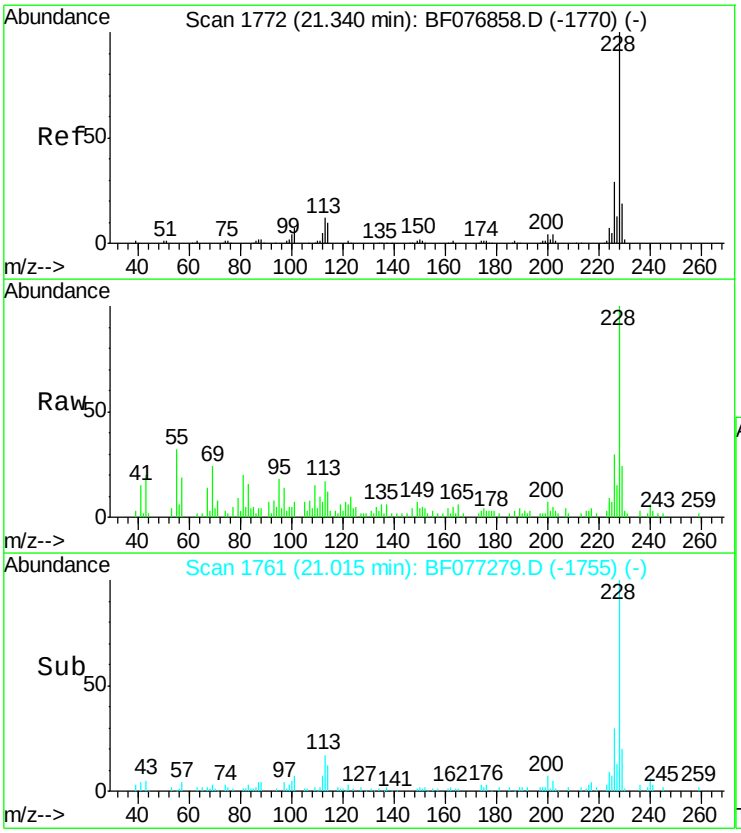
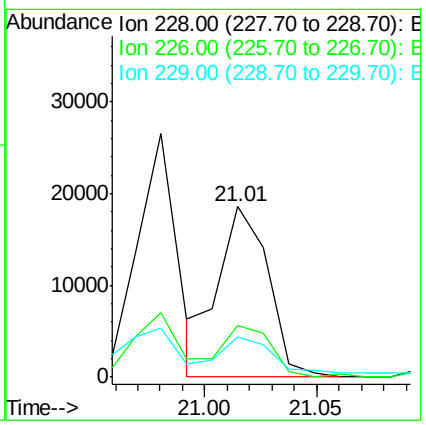
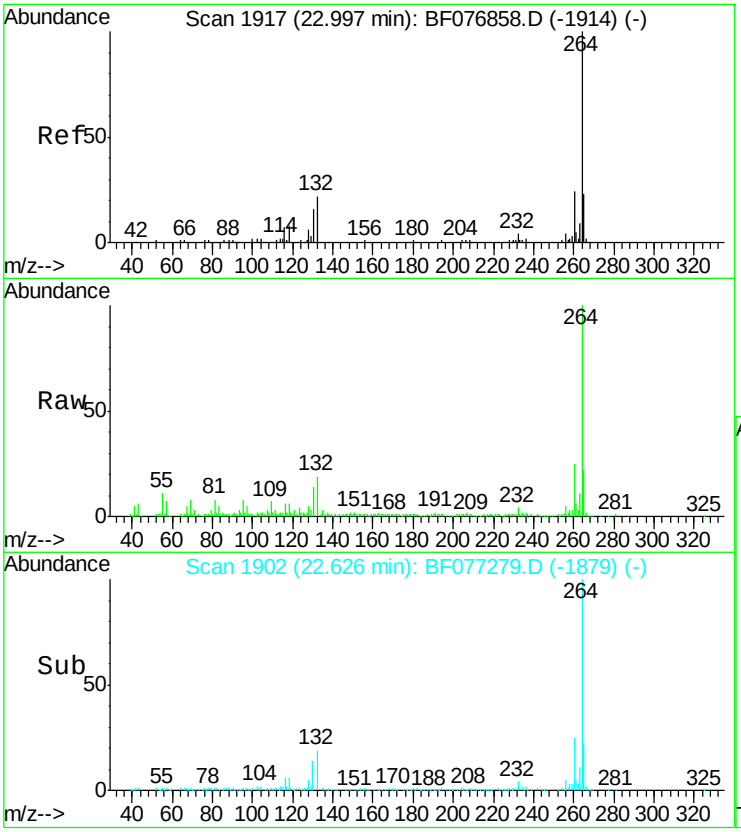


#82
Chrysene
Concen: 3.22 ng m
RT: 21.01 min Scan# 1761
Delta R.T. -0.03 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:228 Resp: 28776

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	23.8	15.4	23.0#

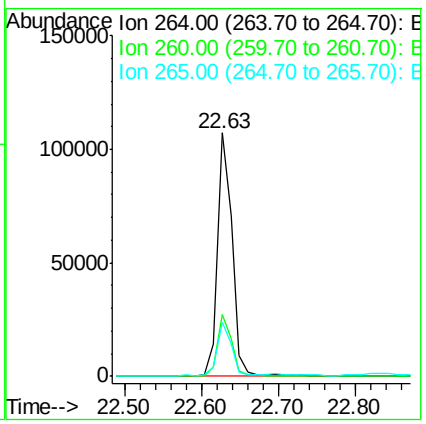




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.63 min Scan# 1902
Delta R.T. -0.03 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:264 Resp: 142779

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.0	28.4
265	22.3	18.1	27.1



Instrument :
BNA_F
ClientSampleId :
UB10BRE

Manual Integrations APPROVED
apatel
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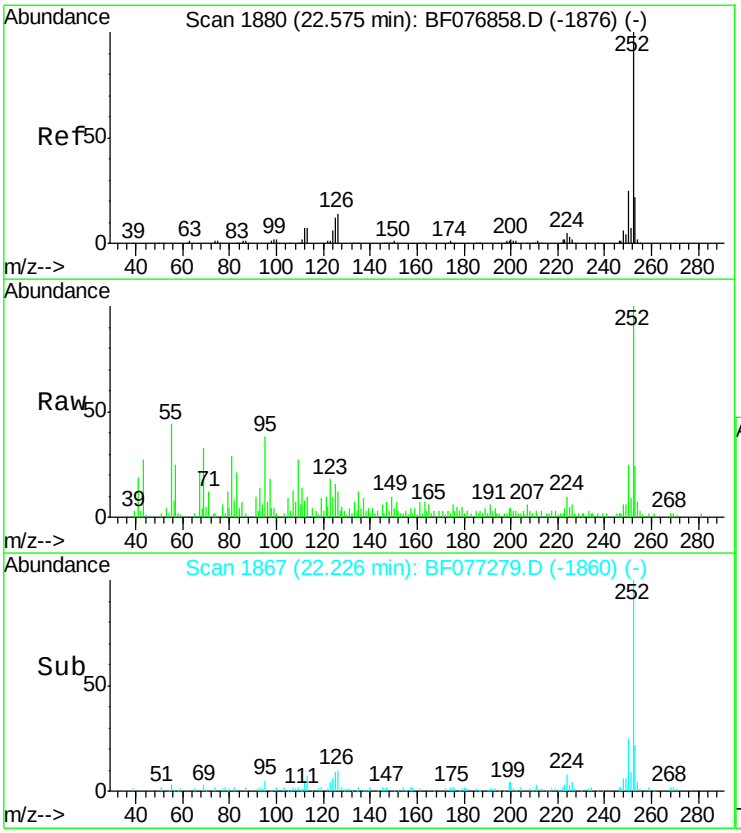
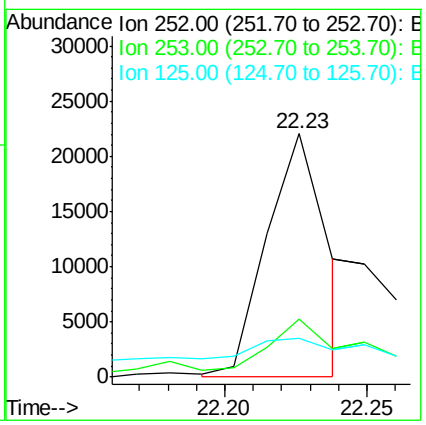
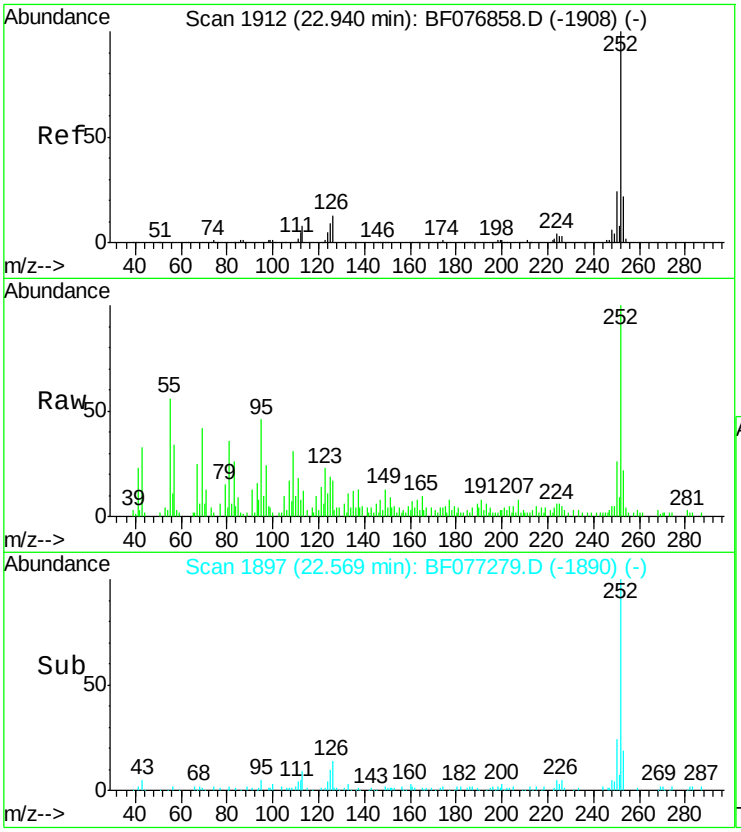


#87
Benzo(b)fluoranthene
Concen: 3.33 ng m
RT: 22.23 min Scan# 1867
Delta R.T. -0.02 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:252 Resp: 32020

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	16.1	9.4	14.0#

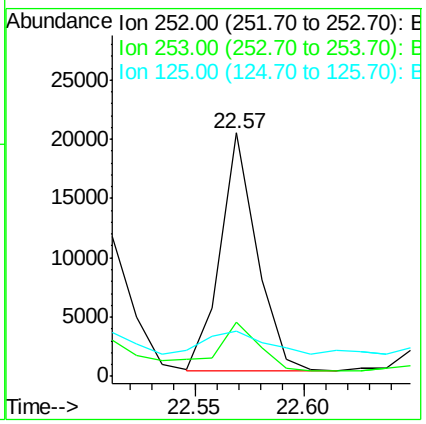




#89
Benzo(a)pyrene
Concen: 2.75 ng
RT: 22.57 min Scan# 1897
Delta R.T. -0.02 min
Lab File: BF077279.D
Acq: 12 Feb 2015 9:35

Tgt Ion:252 Resp: 23326

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	18.5	7.2	10.8#



Instrument :
BNA_F
ClientSampleId :
UB10BRE

Manual Integrations APPROVED
apatel
2/12/2015 4:15:27 PM