Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109350.D
Acq On : 26 Sep 2018 21:14
Operator : JU/SJ
Sample : J4773-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-E

Manual Integrations APPROVED
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9/27/2018 1:31:38 PM

Quant Time: Sep 27 09:40:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	97566	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	355165	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	143361	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	247310	20.00	ng	0.00
75) Chrysene-d12	13.84	240	265702	20.00	ng	0.00
86) Perylene-d12	15.24	264	201794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	489560	82.65	ng	0.00
7) Phenol-d6	6.35	99	609373	80.62	ng	-0.01
23) Nitrobenzene-d5	7.27	82	373537	62.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	119520	84.57	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	613002	64.49	ng	-0.01
78) Terphenyl-d14	12.80	244	560205	51.74	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	189283	18.153	ng	100
74) Fluoranthene	12.42	202	63429	4.807	ng	95
77) Pyrene	12.64	202	71051	3.731	ng	98
80) Benzo(a)anthracene	13.83	228	42464	2.653	ng	98
82) Chrysene	13.86	228	38112	2.403	ng	97
87) Benzo(b)fluoranthene	14.84	252	36411m	3.284	ng	
89) Benzo(a)pyrene	15.18	252	27091	2.711	ng	95

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

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Misc :
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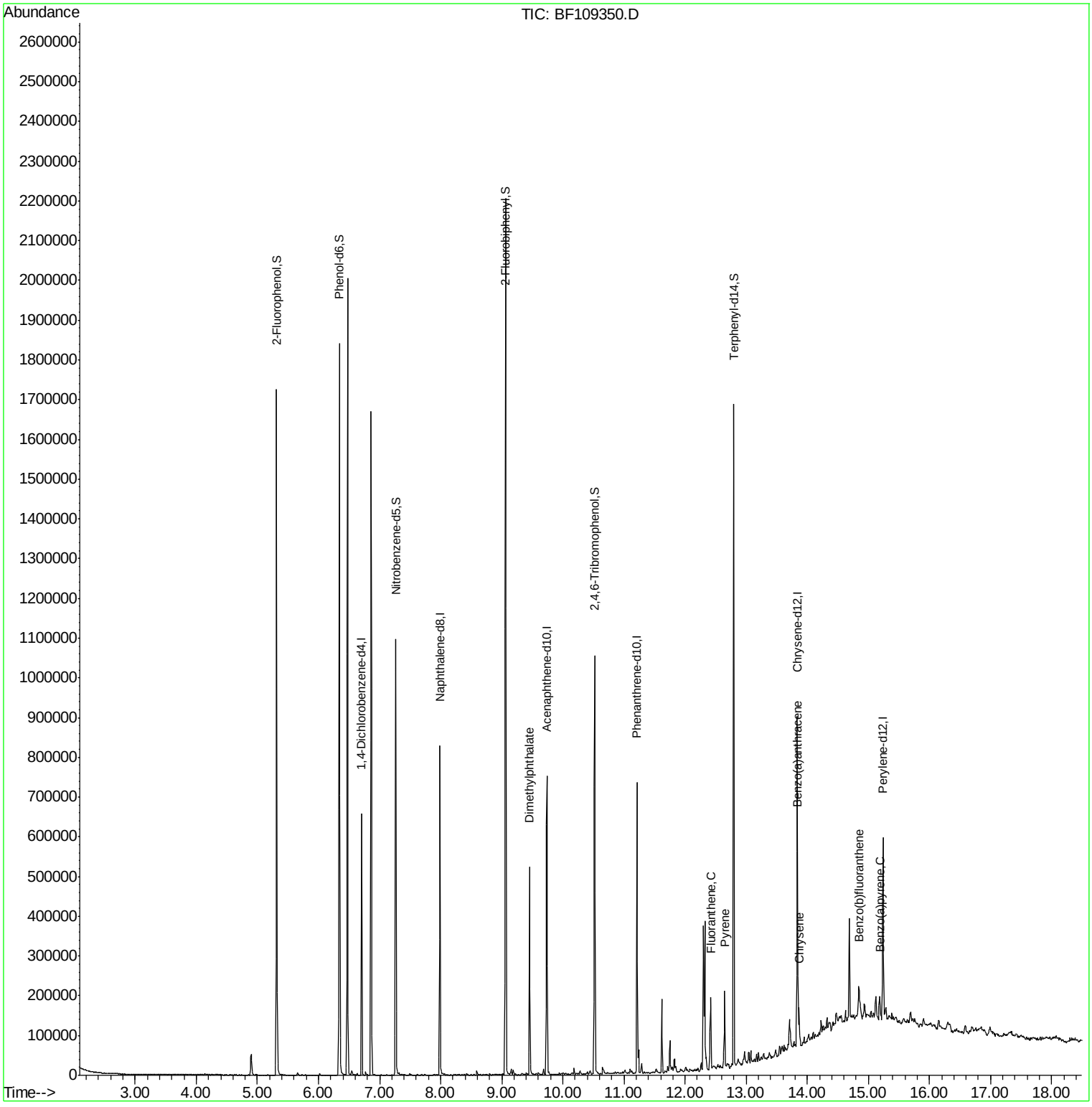
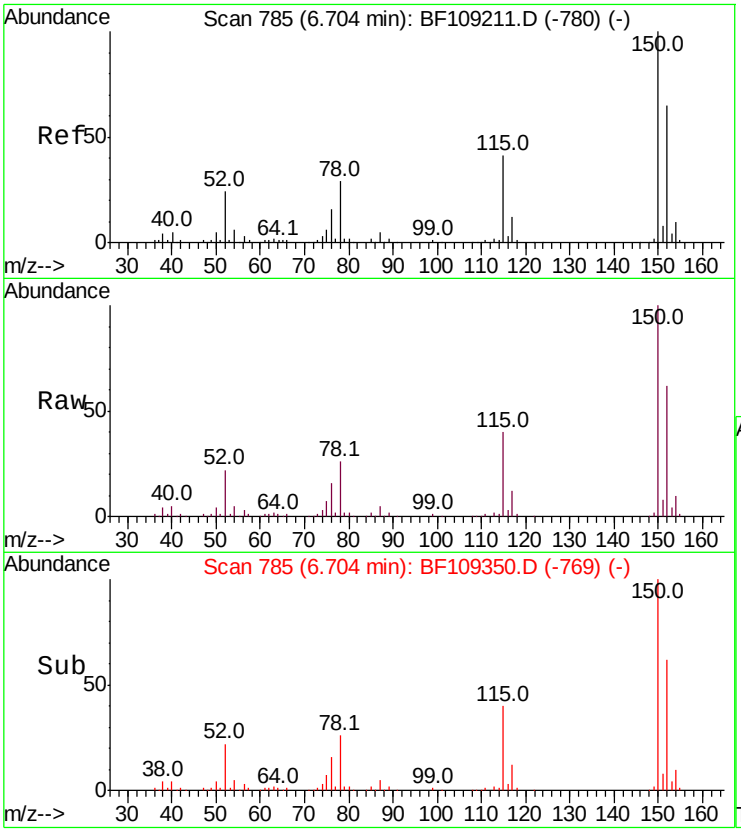
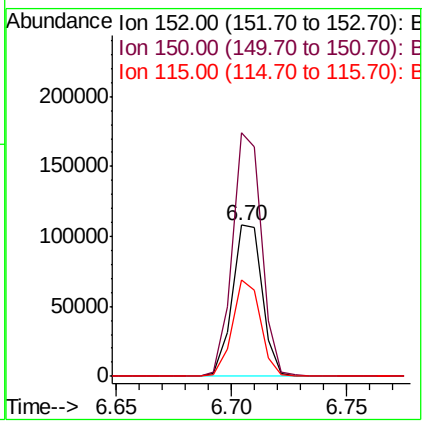




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:152 Resp: 97566

Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	63.7	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
CL-02-092518-E

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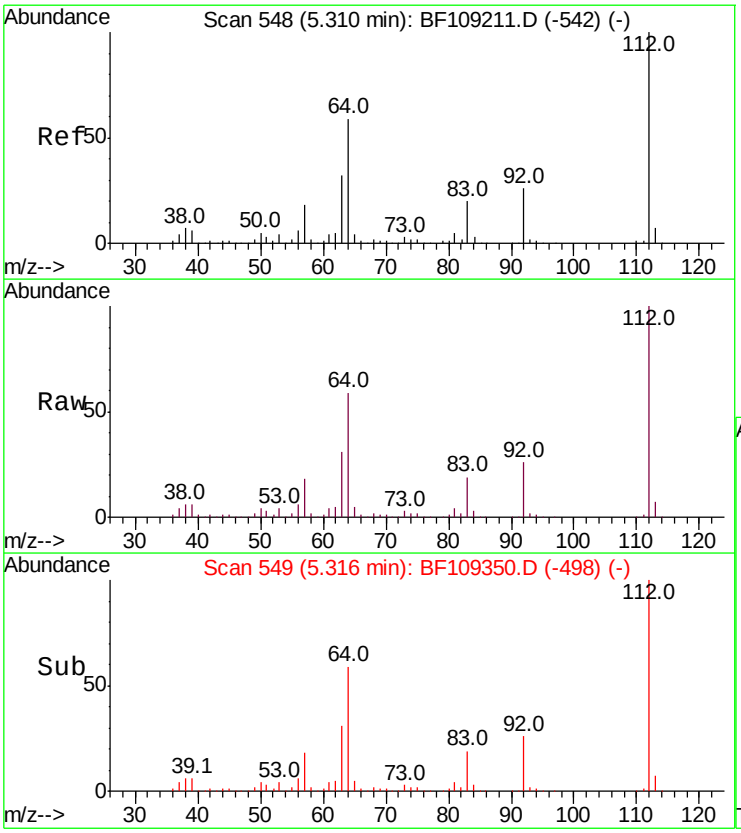
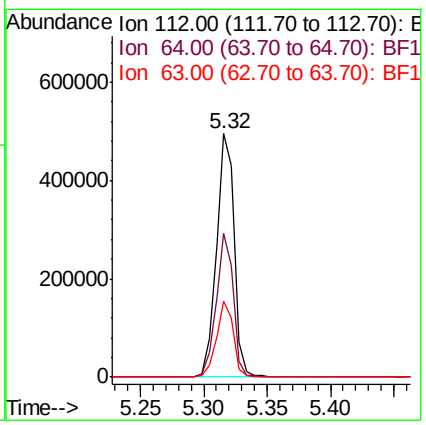
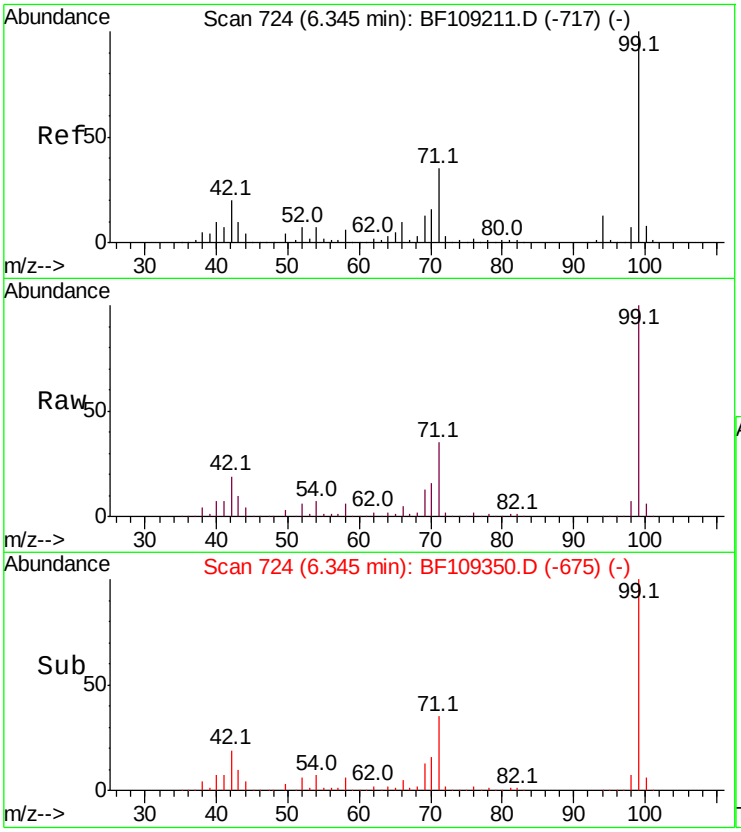


#5
2-Fluorophenol
Concen: 82.646 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:112 Resp: 489560

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	31.0	23.7	35.5

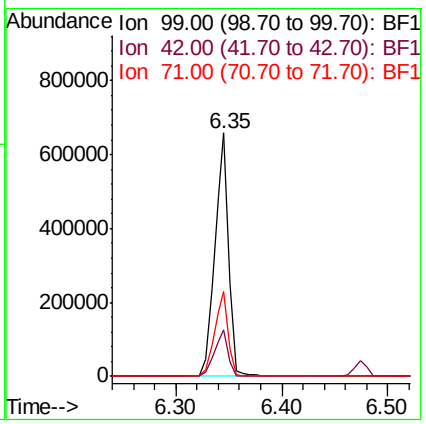




#7
Phenol-d6
Concen: 80.619 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion: 99 Resp: 609373

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	34.7	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
CL-02-092518-E

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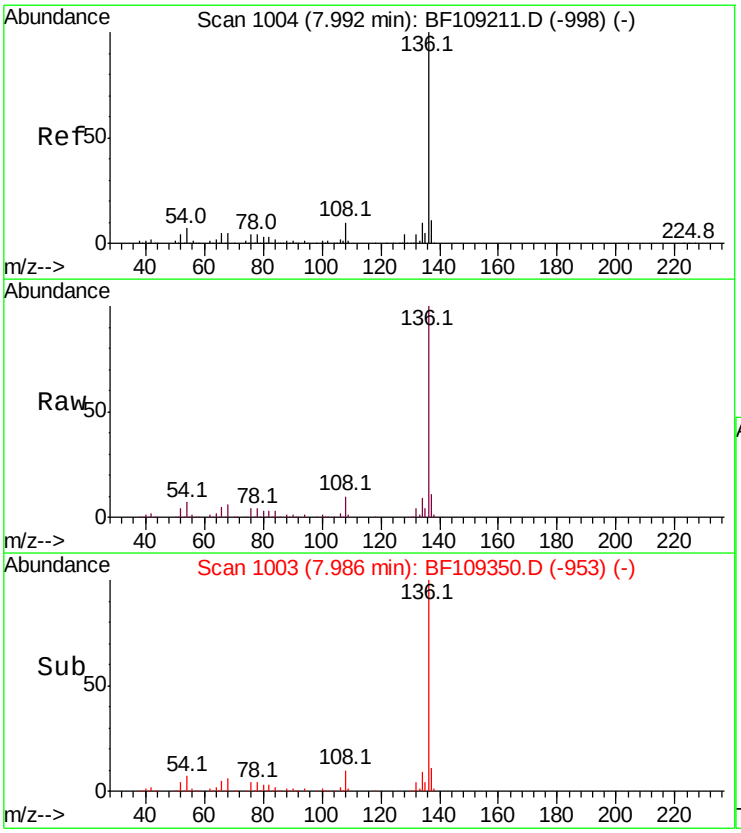
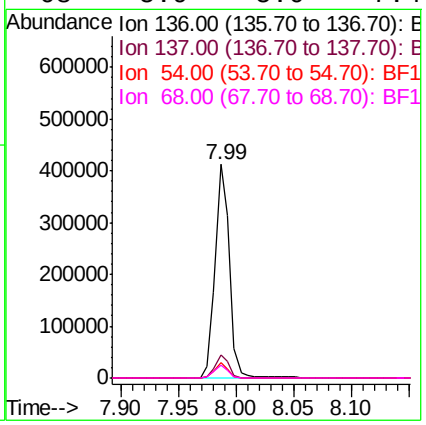
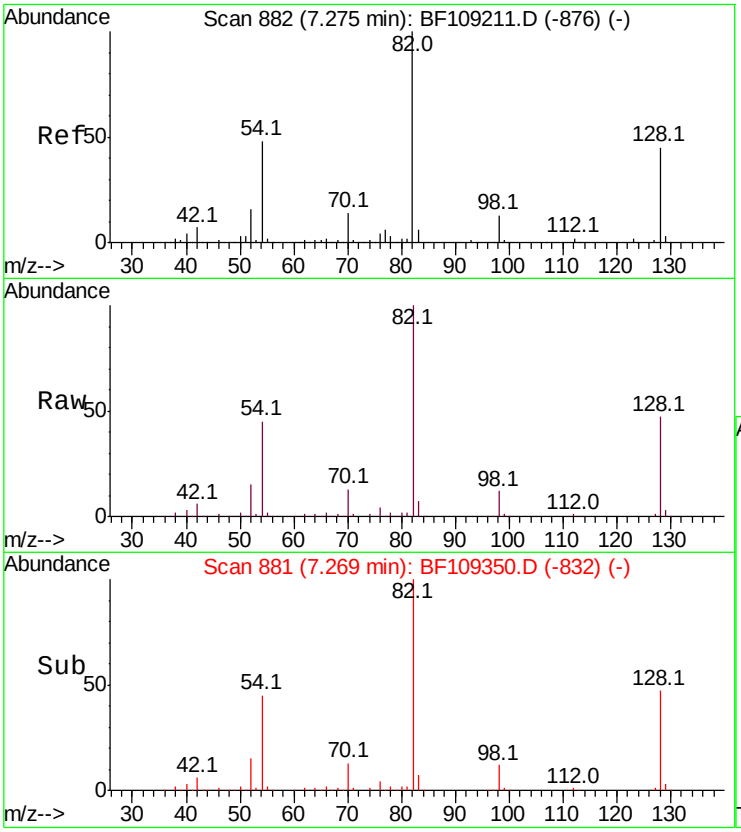


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:136 Resp: 355165

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	6.6	9.8
68	5.9	5.0	7.4

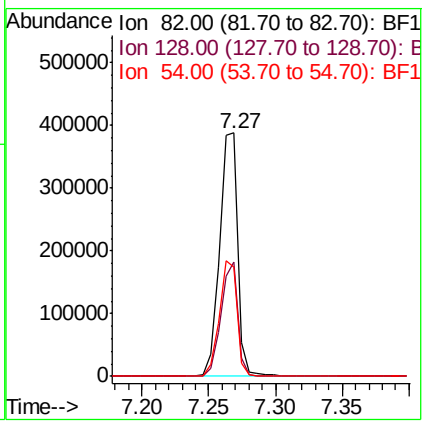




#23
Nitrobenzene-d5
Concen: 62.085 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion: 82 Resp: 373537

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	45.0	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
CL-02-092518-E

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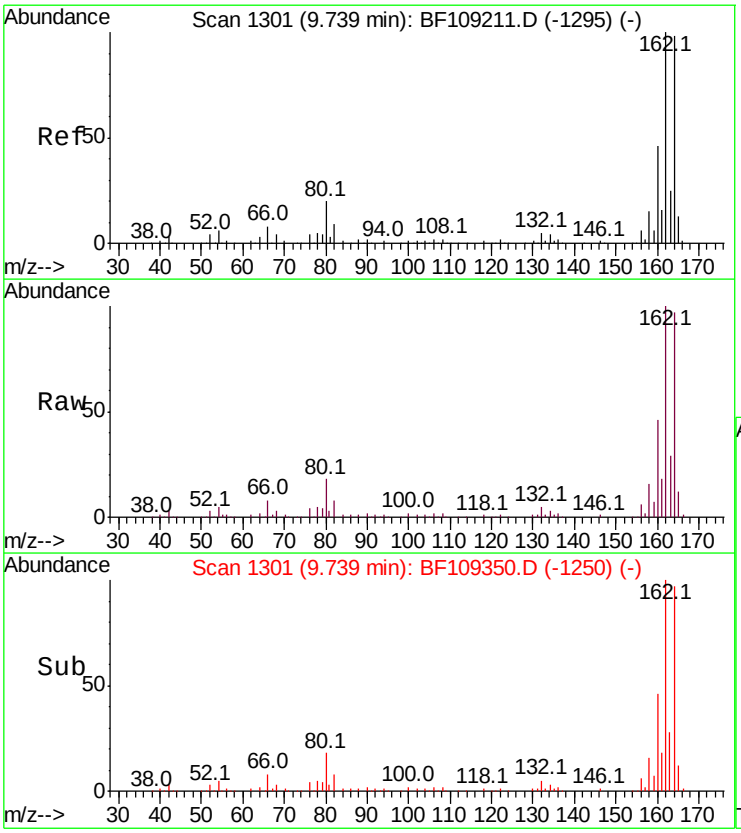
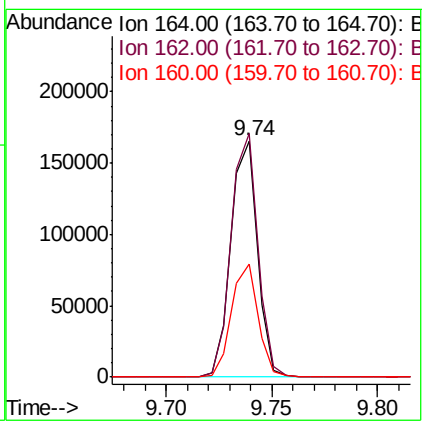
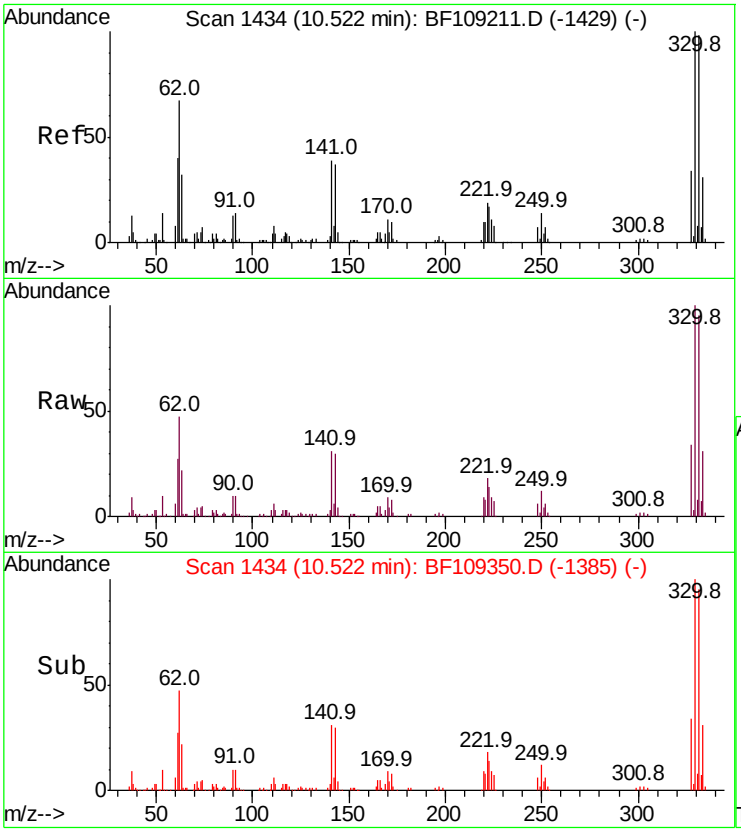


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:164 Resp: 143361

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	47.8	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 84.572 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:330 Resp: 119520

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.4	29.9	44.9

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-E

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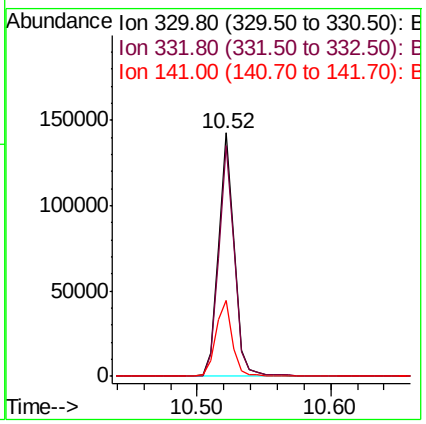
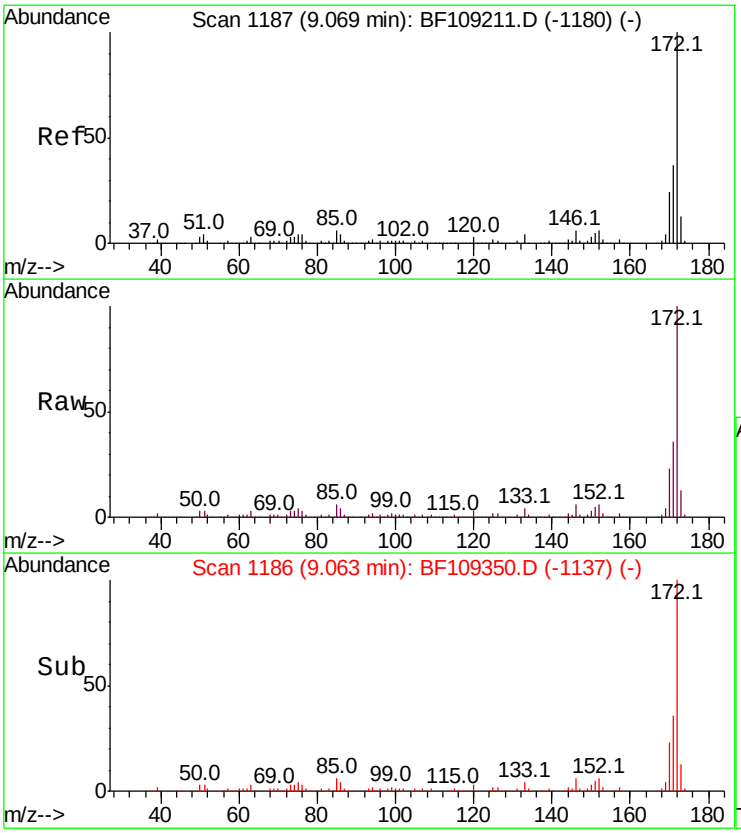
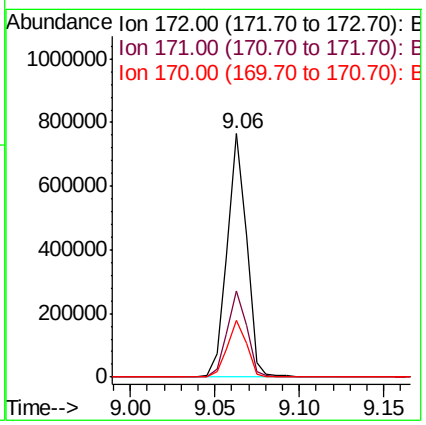


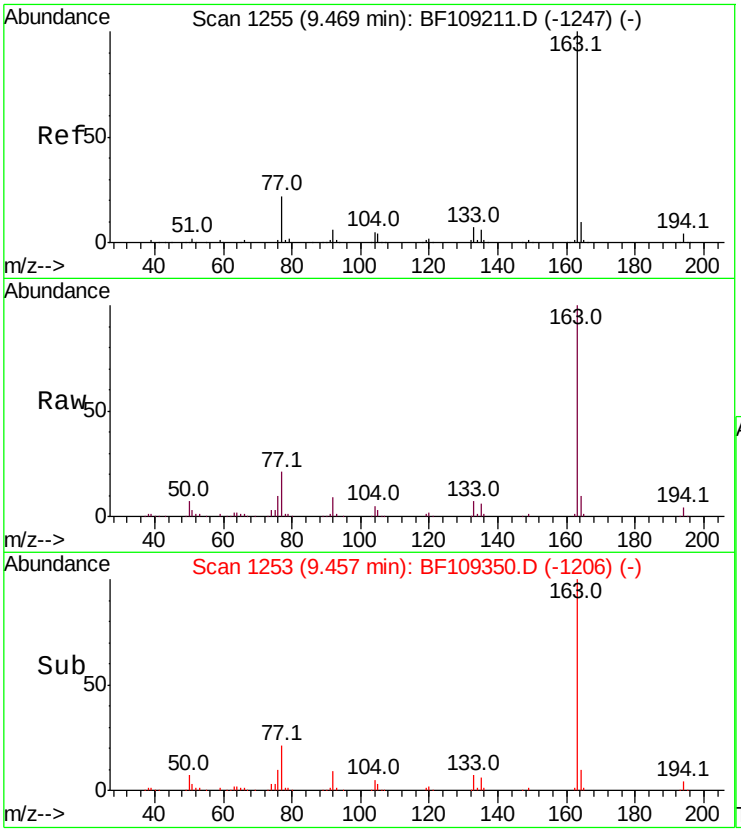


#44
2-Fluorobiphenyl
Concen: 64.489 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:172 Resp: 613002

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.5	19.6	29.4

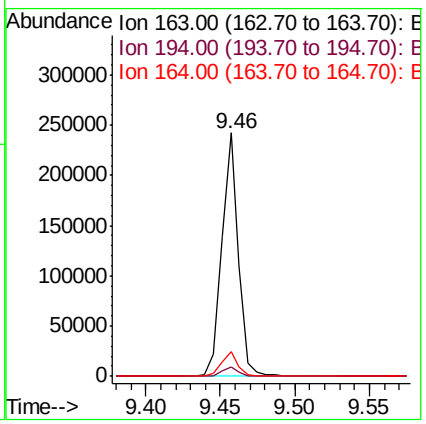




#49
Dimethylphthalate
Concen: 18.153 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:163 Resp: 189283

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.2	8.2	12.2



Instrument :
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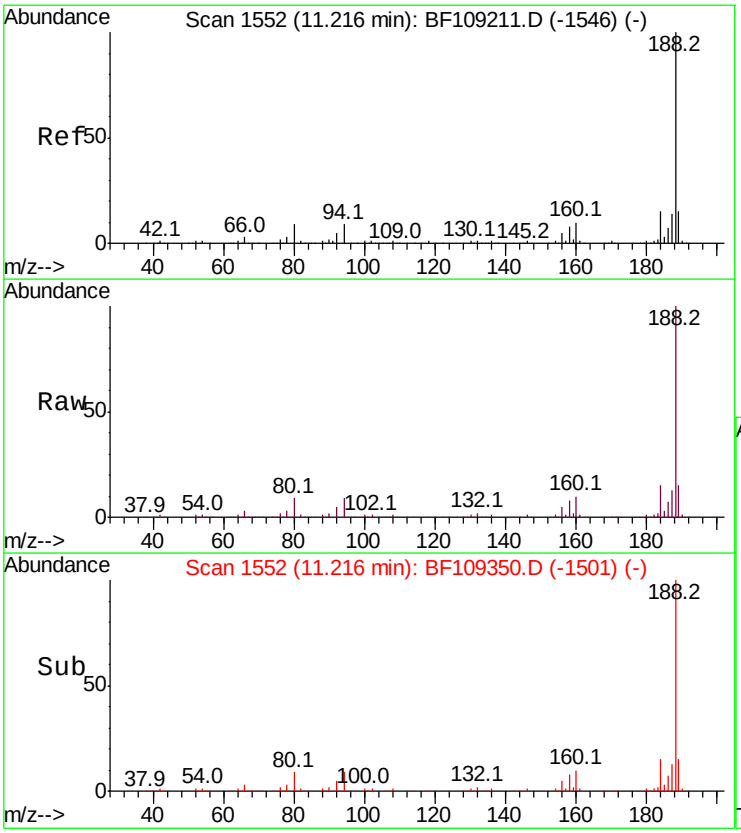
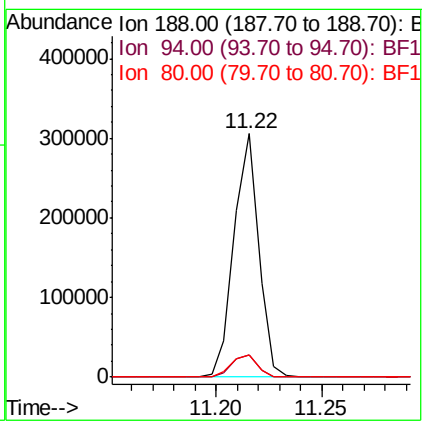
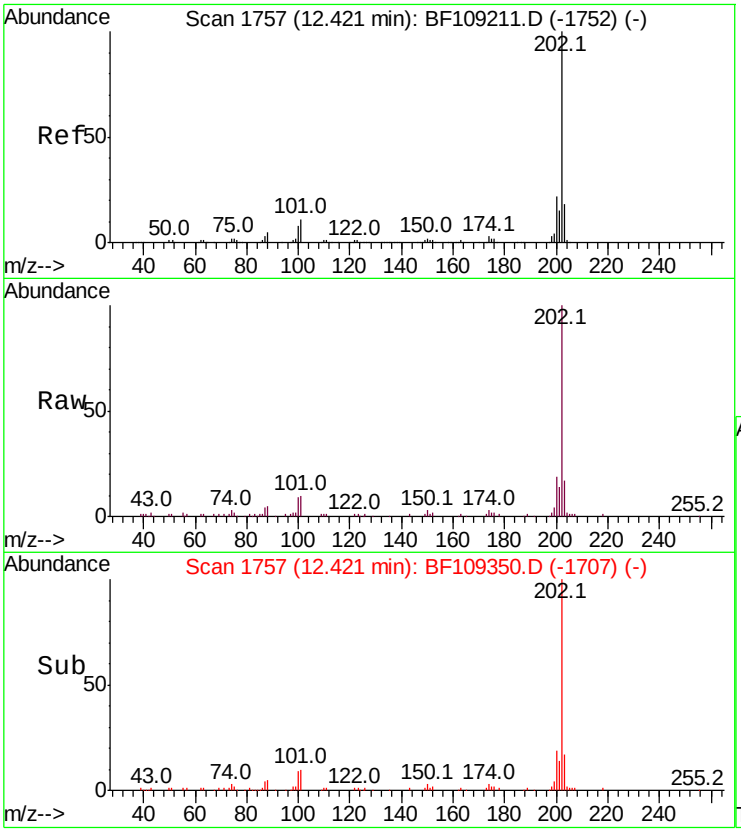


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:188 Resp: 247310

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.1	9.2	13.8#

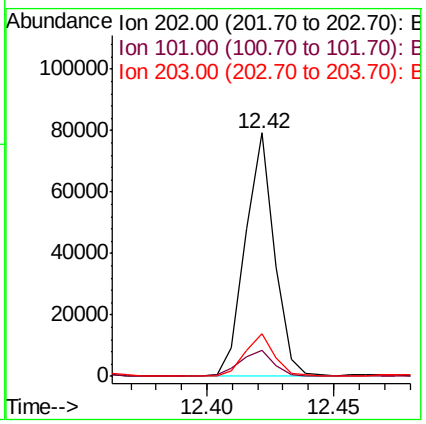




#74
Fluoranthene
Concen: 4.807 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:202 Resp: 63429

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	17.4	0.0	38.1



Instrument :
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ClientSampleId :
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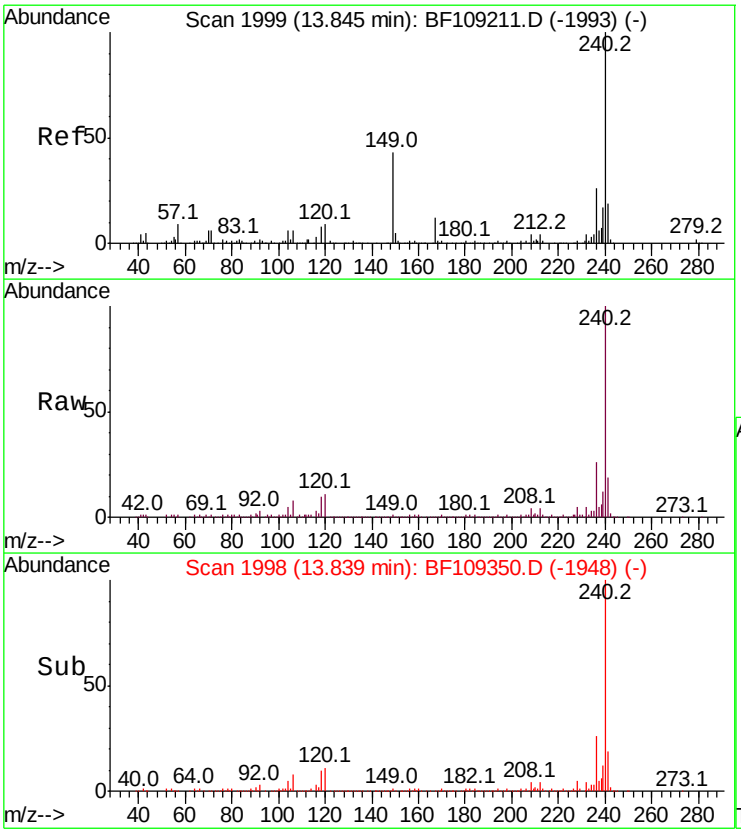
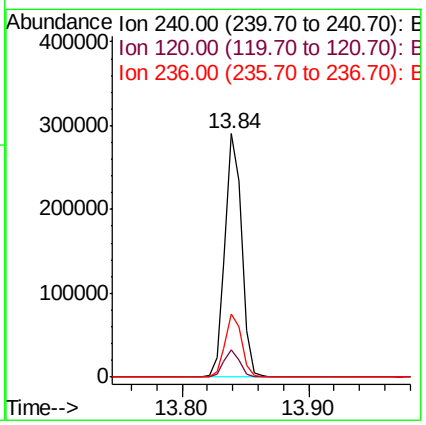
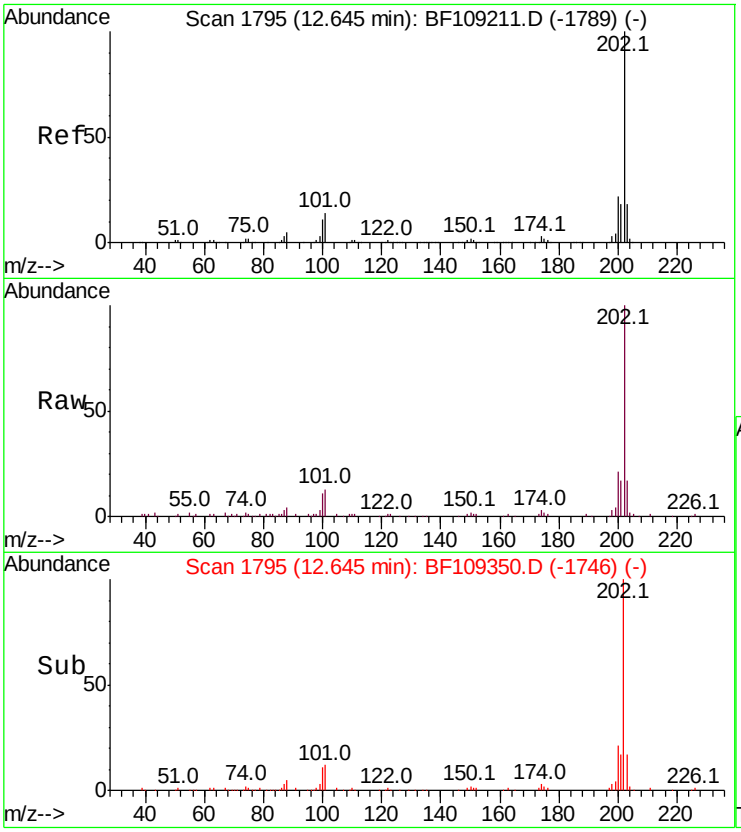


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:240 Resp: 265702

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.1	20.7	31.1

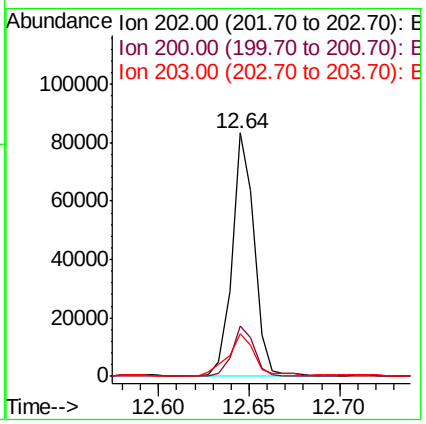




#77
Pyrene
Concen: 3.731 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:202 Resp: 71051

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.4	14.3	21.5



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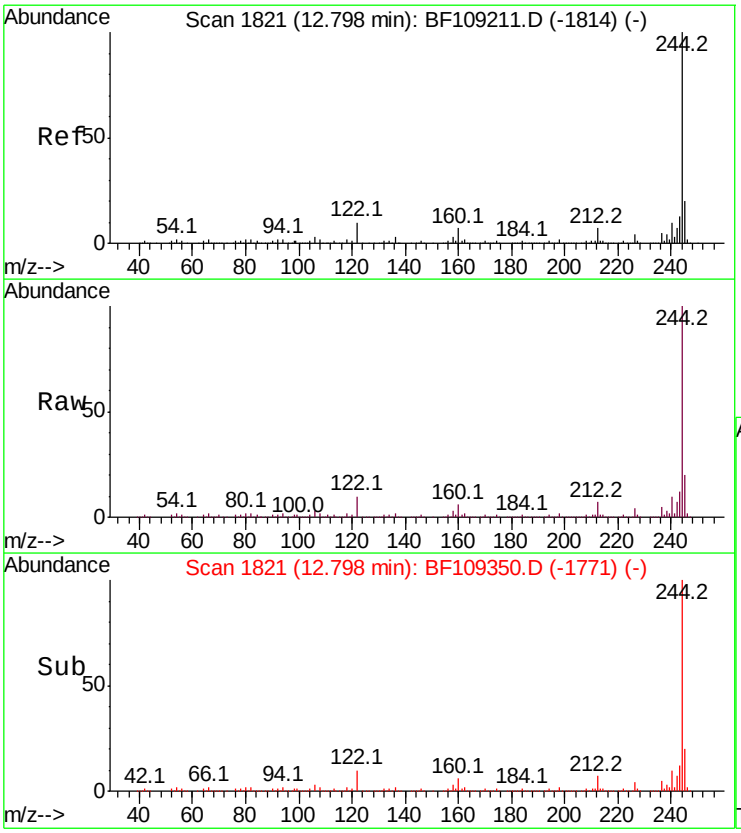
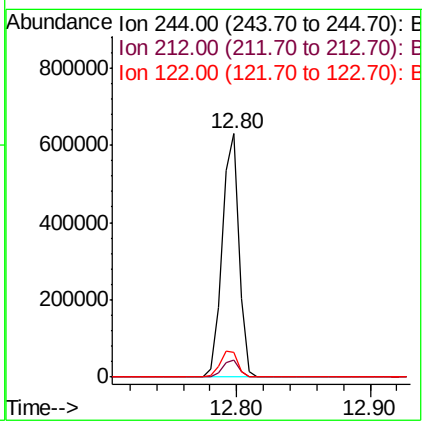
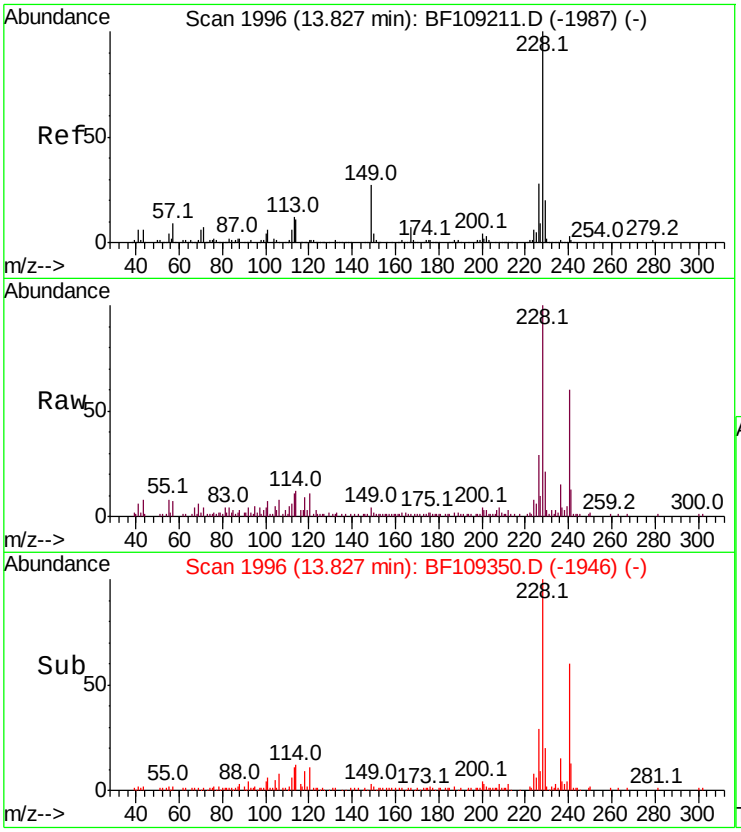


#78
Terphenyl-d14
Concen: 51.743 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:244 Resp: 560205

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.1	11.0	16.4#

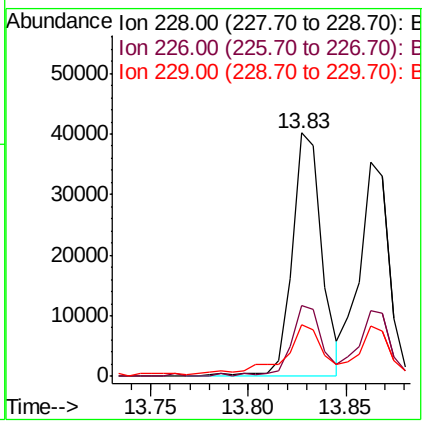




#80
Benzo(a)anthracene
Concen: 2.653 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:228 Resp: 42464

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.9	15.8	23.6



Instrument :
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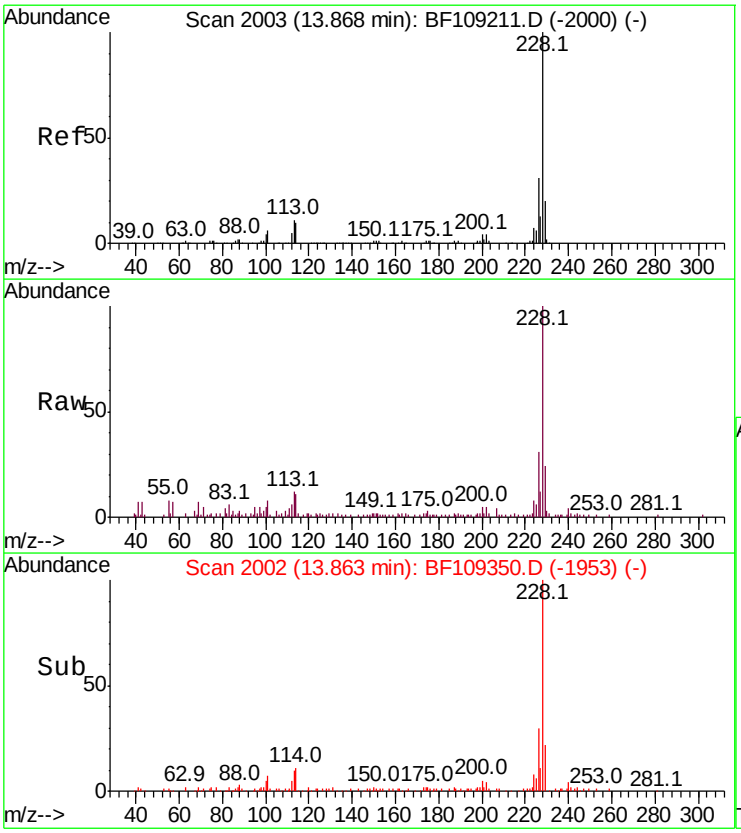
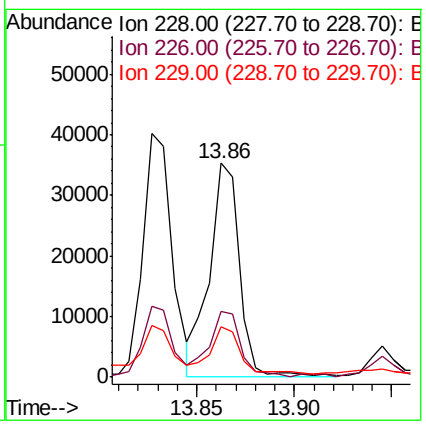
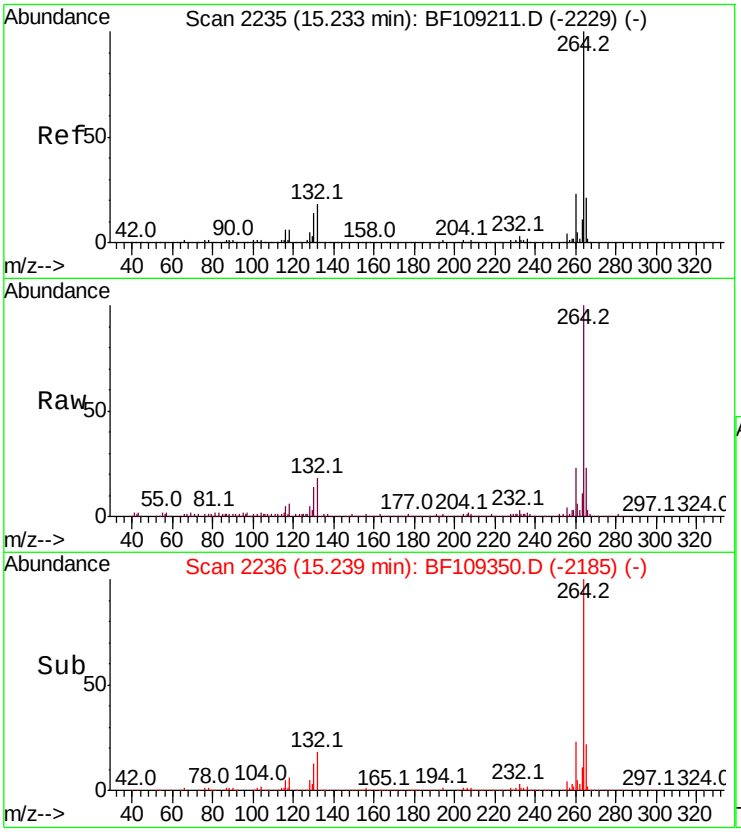


#82
Chrysene
Concen: 2.403 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:228 Resp: 38112

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	23.6	16.2	24.4

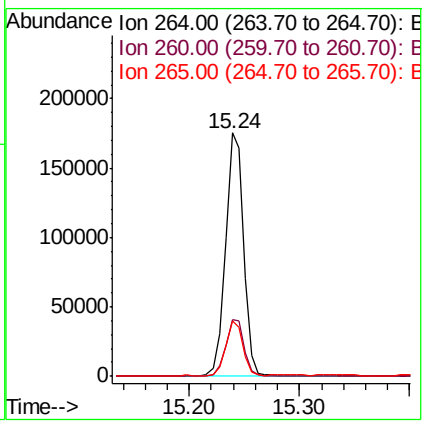




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:264 Resp: 201794

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.5	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
CL-02-092518-E

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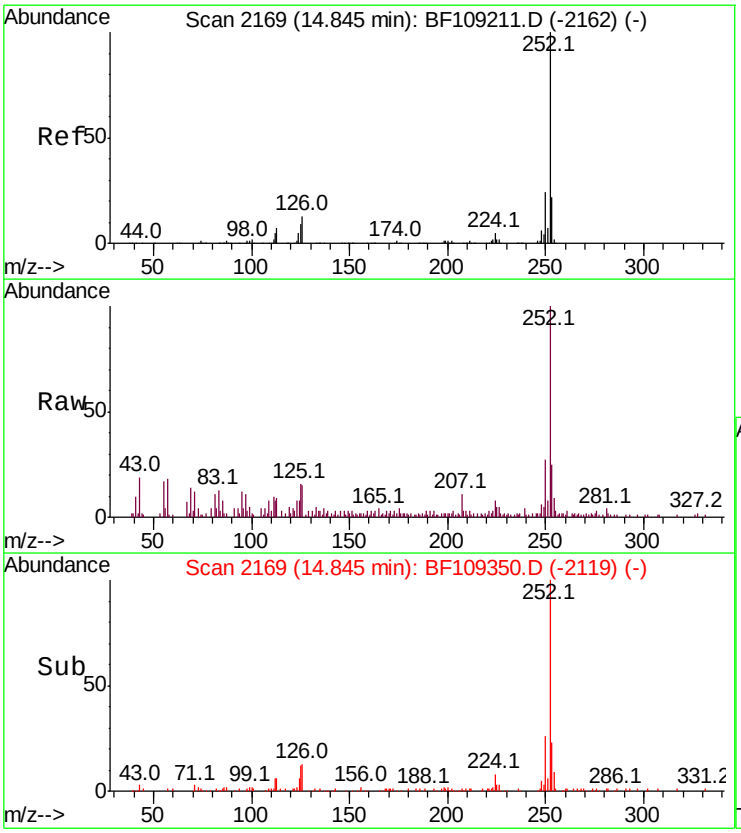
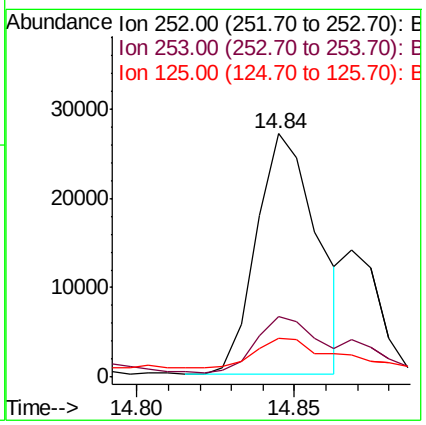
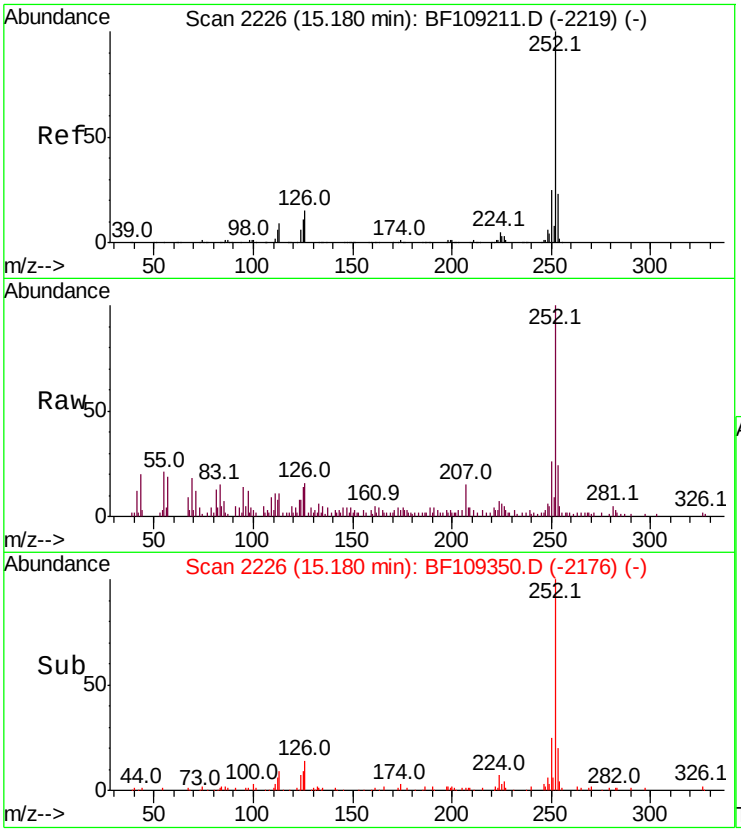


#87
Benzo(b)fluoranthene
Concen: 3.284 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:252 Resp: 36411

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	16.0	9.0	13.6#

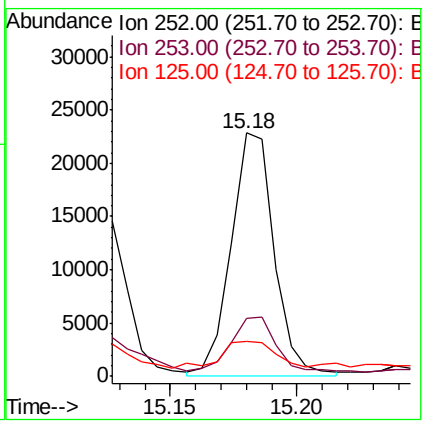




#89
Benzo(a)pyrene
Concen: 2.711 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109350.D
Acq: 26 Sep 2018 21:14

Tgt Ion:252 Resp: 27091

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	14.5	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
CL-02-092518-E

Manual Integrations APPROVED
Sohil
9/27/2018 1:31:38 PM