Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091916\
Data File : BF090122.D
Acq On : 19 Sep 2016 16:03
Operator : UM/SJ
Sample : H4824-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
01

Manual Integrations APPROVED
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Quant Time: Sep 19 18:53:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	145128m	20.00	ng		-0.01
21) Naphthalene-d8	7.82	136	563316	20.00	ng		-0.02
38) Acenaphthene-d10	9.56	164	319038	20.00	ng		-0.02
63) Phenanthrene-d10	11.04	188	510463	20.00	ng		-0.01
75) Chrysene-d12	13.65	240	456003	20.00	ng		-0.02
86) Perylene-d12	14.97	264	382385	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	602597	66.78	ng		-0.02
7) Phenol-d6	6.18	99	500072	42.33	ng		-0.02
23) Nitrobenzene-d5	7.11	82	1008720	100.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.35	330	323780	101.03	ng		-0.02
44) 2-Fluorobiphenyl	8.90	172	1387401	68.30	ng		-0.02
78) Terphenyl-d14	12.63	244	1492294	77.72	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.30	163	230861	9.74	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	70631	3.45	ng	#	99

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

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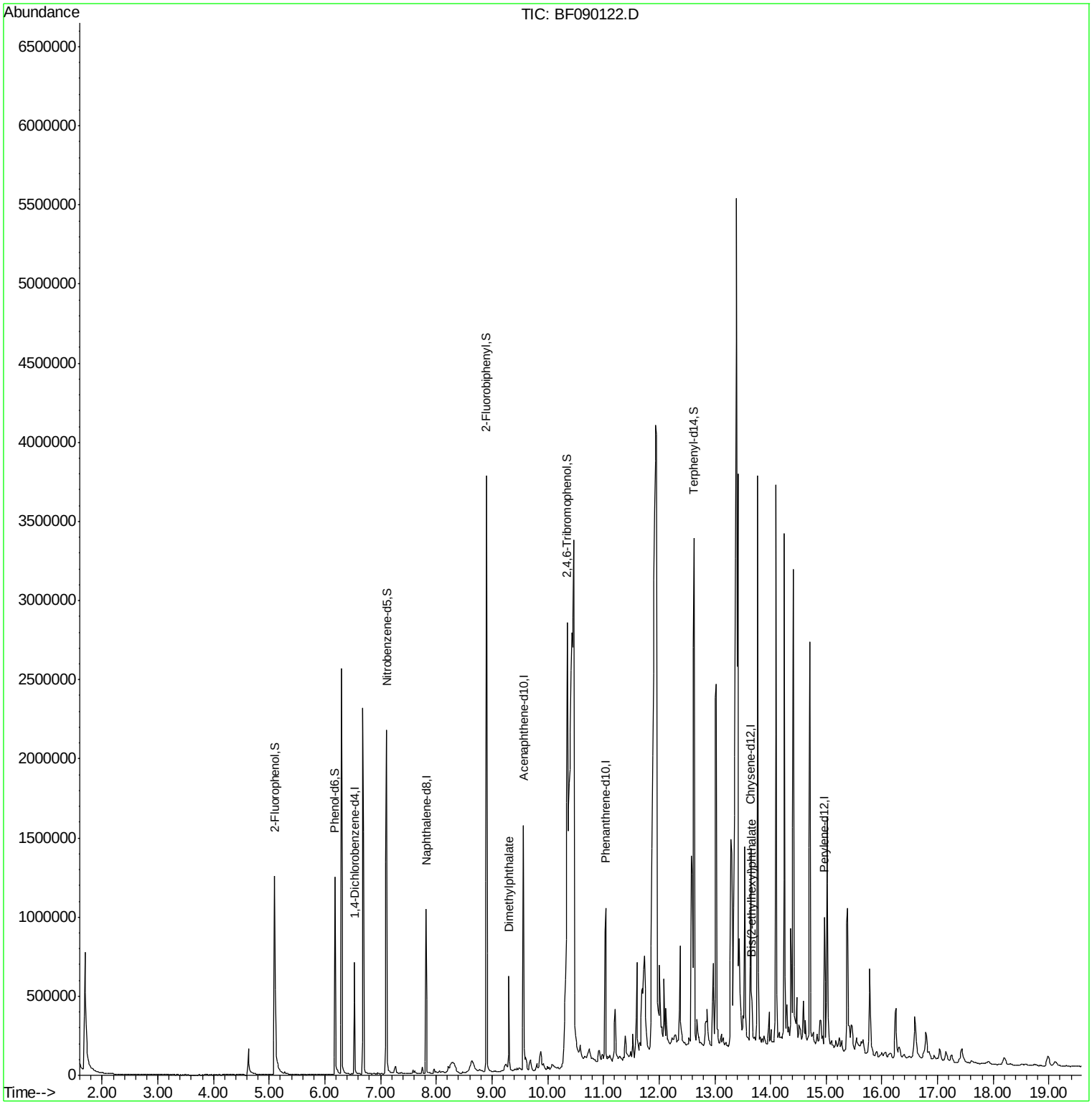
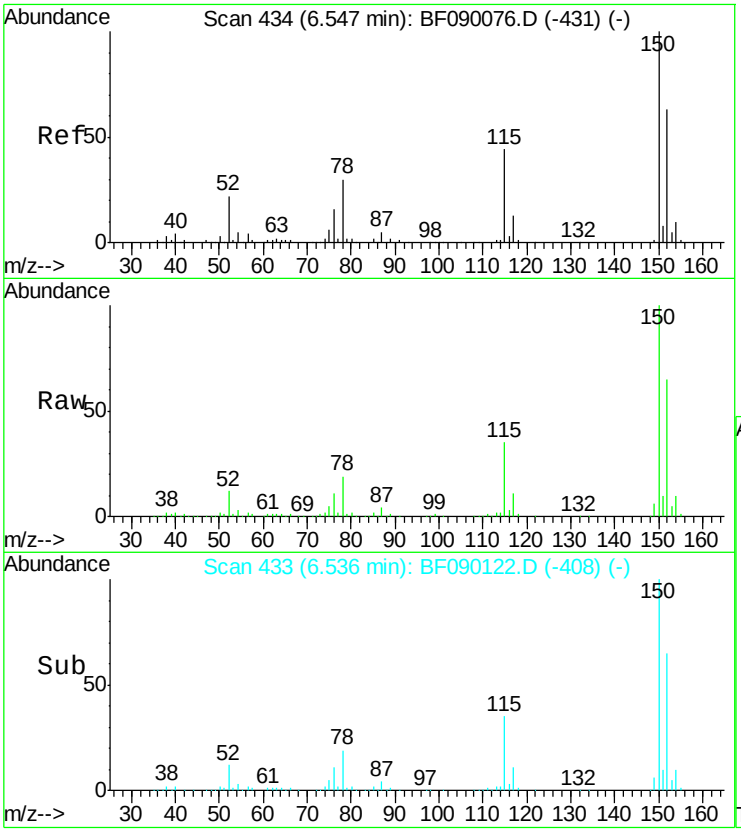
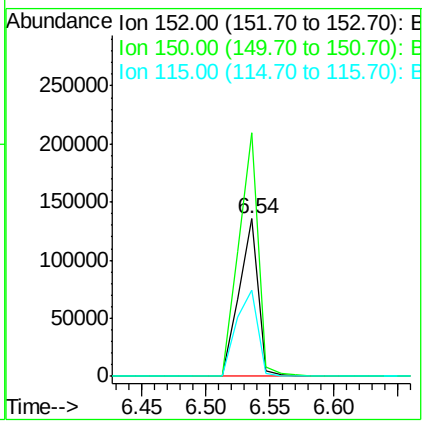




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:152 Resp: 145128

Ion	Ratio	Lower	Upper
152	100		
150	154.3	128.9	193.3
115	54.6	55.5	83.3#



Instrument :
BNA_F
ClientSampleId :
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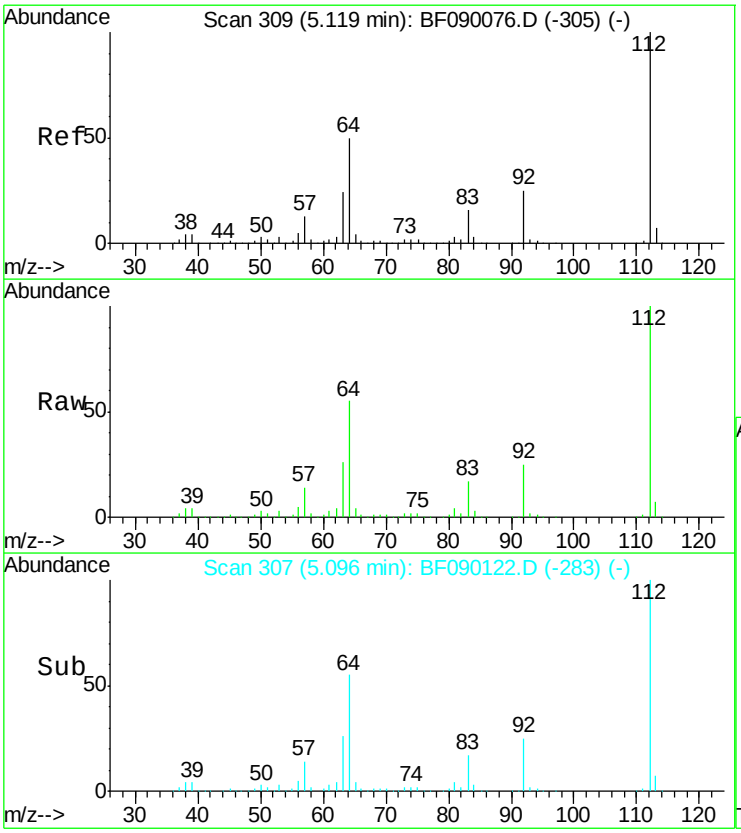
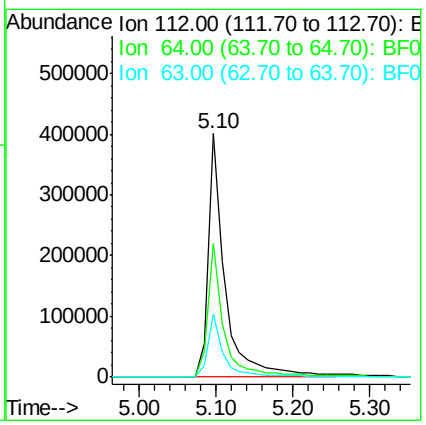
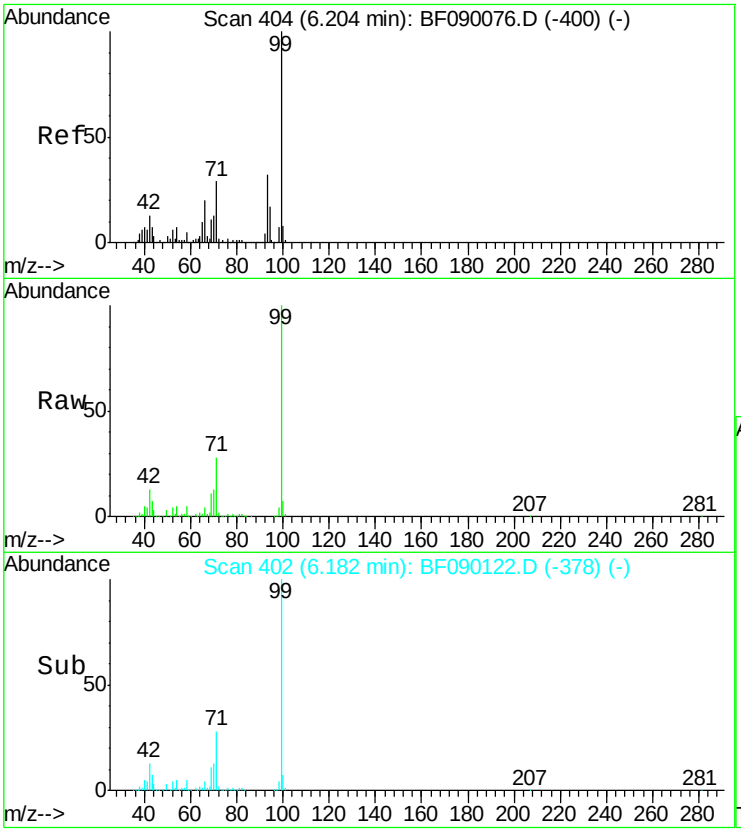


#5
2-Fluorophenol
Concen: 66.78 ng
RT: 5.10 min Scan# 307
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:112 Resp: 602597

Ion	Ratio	Lower	Upper
112	100		
64	54.8	39.8	59.6
63	25.9	18.9	28.3

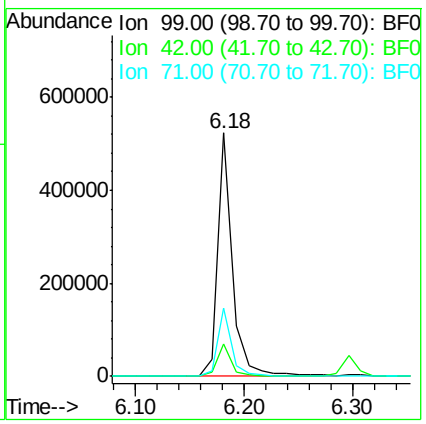




#7
Phenol-d6
Concen: 42.33 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion: 99 Resp: 500072

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.6	15.8
71	28.2	23.0	34.6



Instrument :
BNA_F
ClientSampleId :
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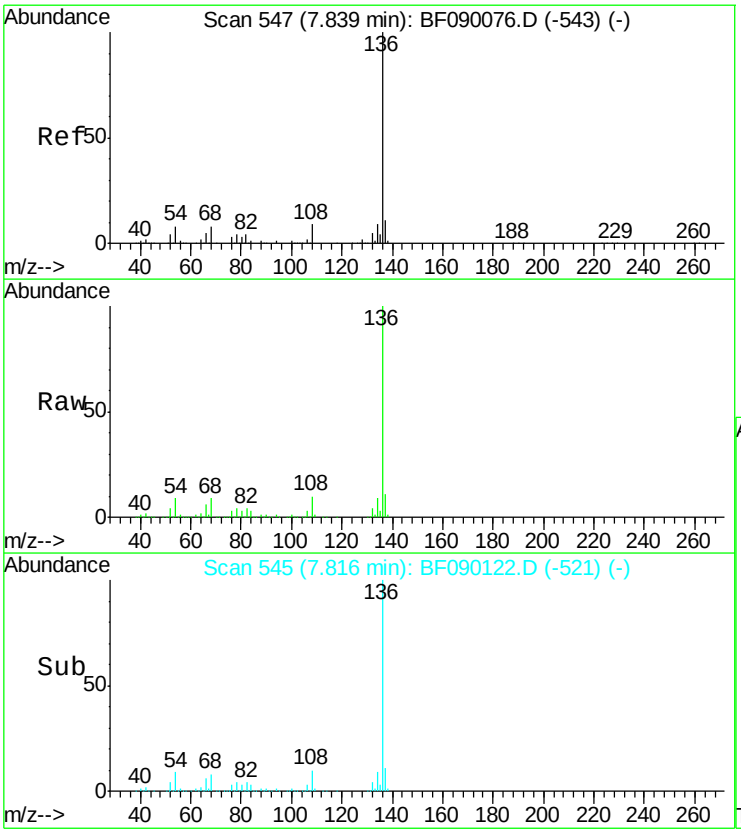
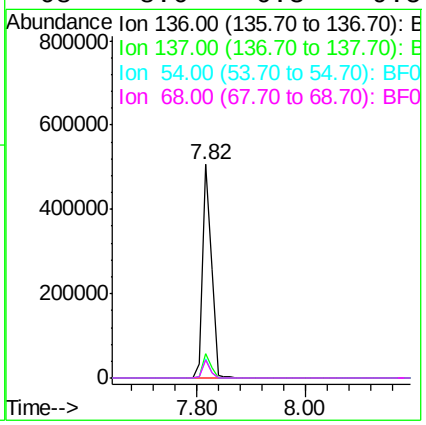
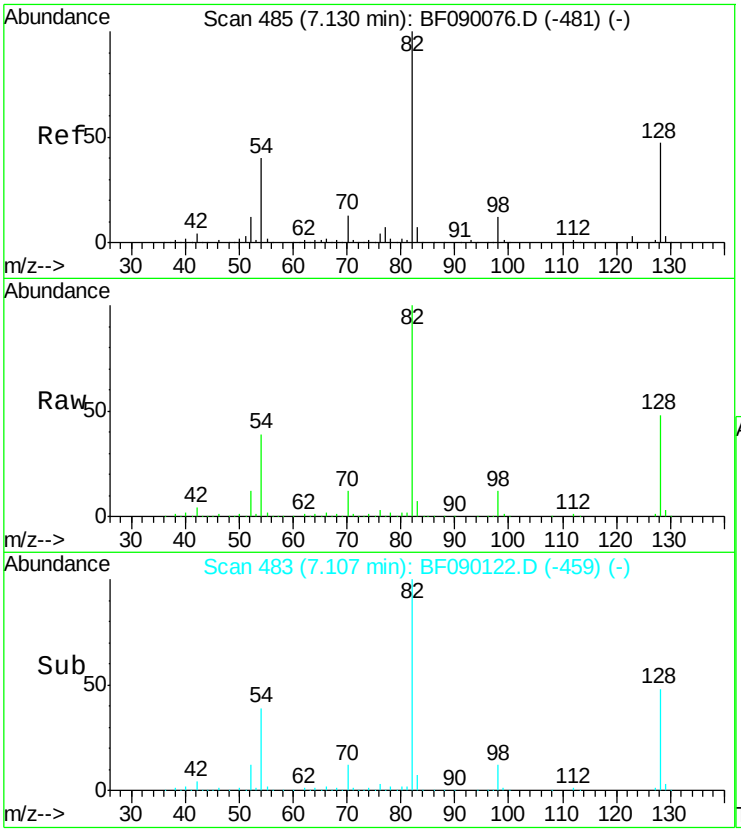


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:136 Resp: 563316

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.7	6.4	9.6
68	8.6	6.3	9.5

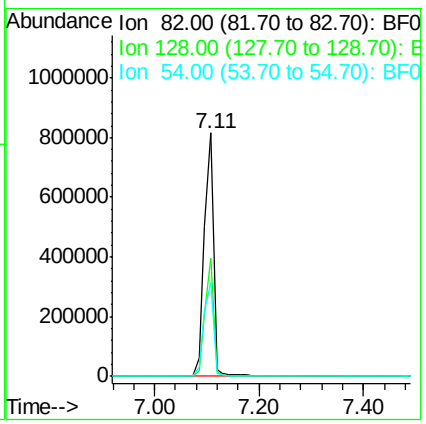




#23
Nitrobenzene-d5
Concen: 100.68 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion: 82 Resp: 1008720

Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.5	56.3
54	38.7	31.9	47.9



Instrument :
BNA_F
ClientSampleId :
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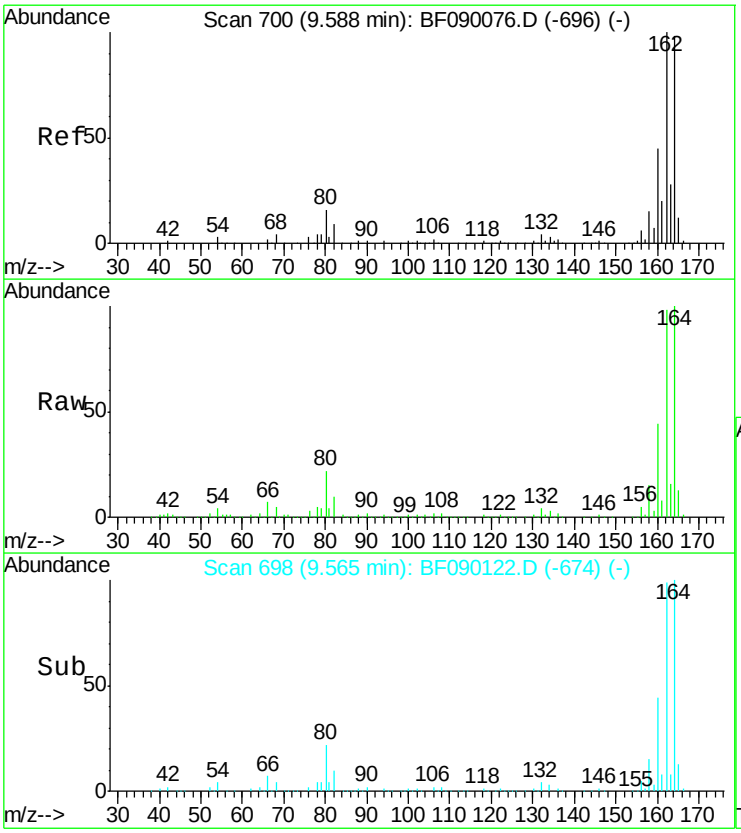
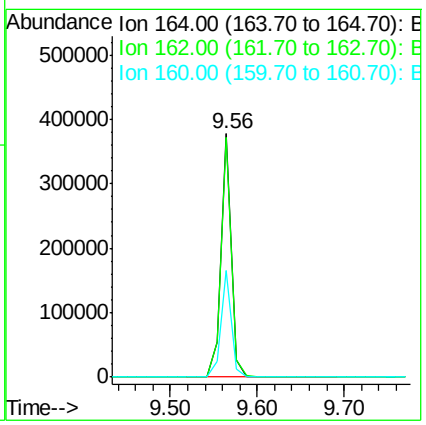
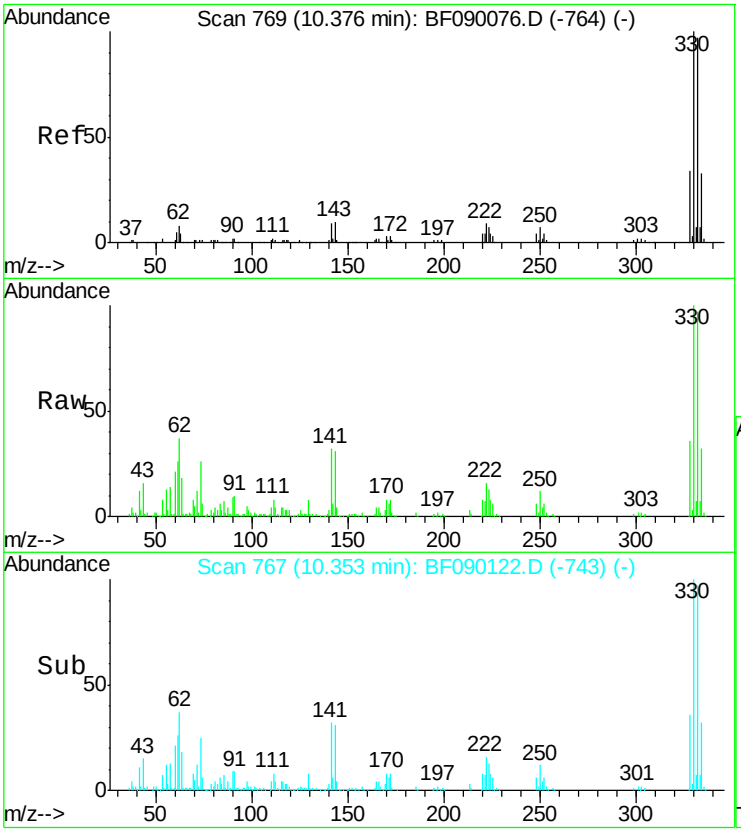


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:164 Resp: 319038

Ion	Ratio	Lower	Upper
164	100		
162	98.5	81.4	122.2
160	44.0	36.6	54.8





#41
2,4,6-Tribromophenol
Concen: 101.03 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:330 Resp: 323780

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	39.4	23.9	35.9#

Instrument :
BNA_F
ClientSampleId :
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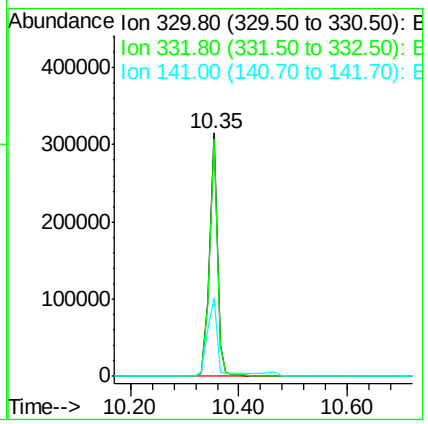
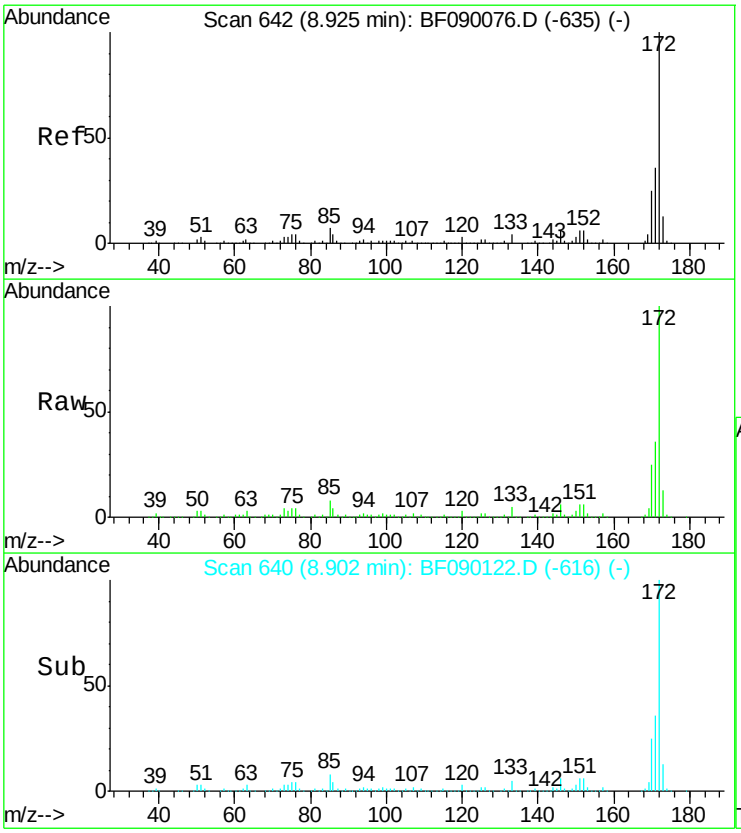
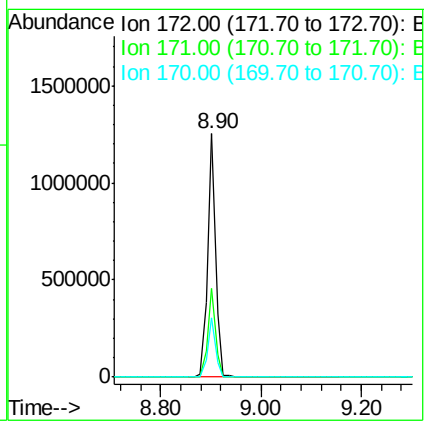


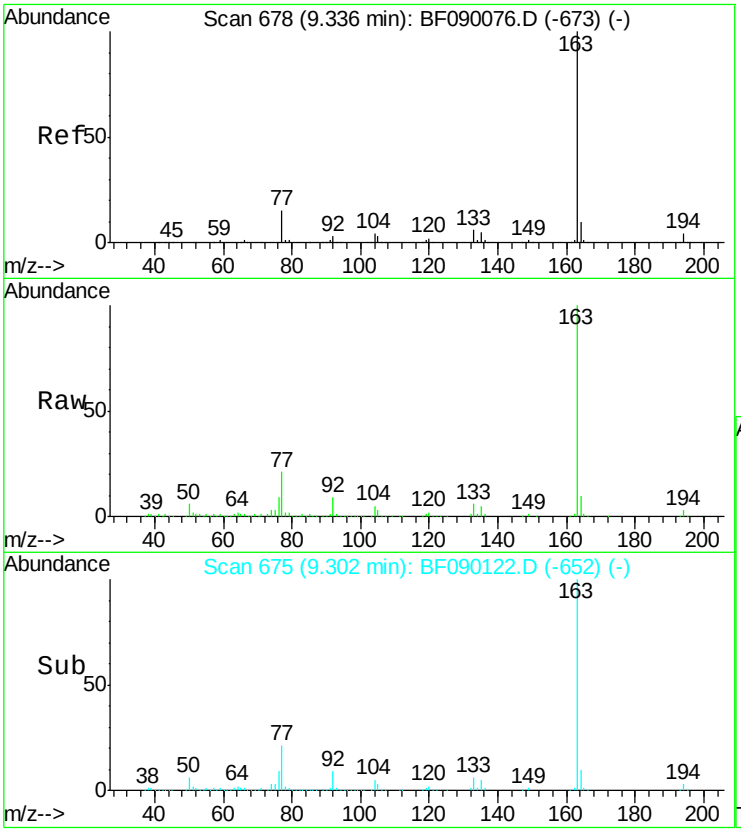


#44
2-Fluorobiphenyl
Concen: 68.30 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:172 Resp: 1387401

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	24.6	19.8	29.8

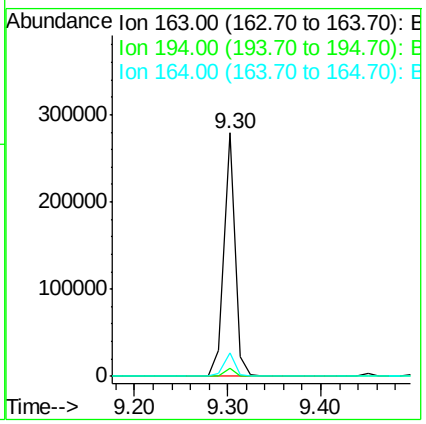




#49
Dimethylphthalate
Concen: 9.74 ng
RT: 9.30 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:163 Resp: 230861

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	9.8	8.1	12.1



Instrument :
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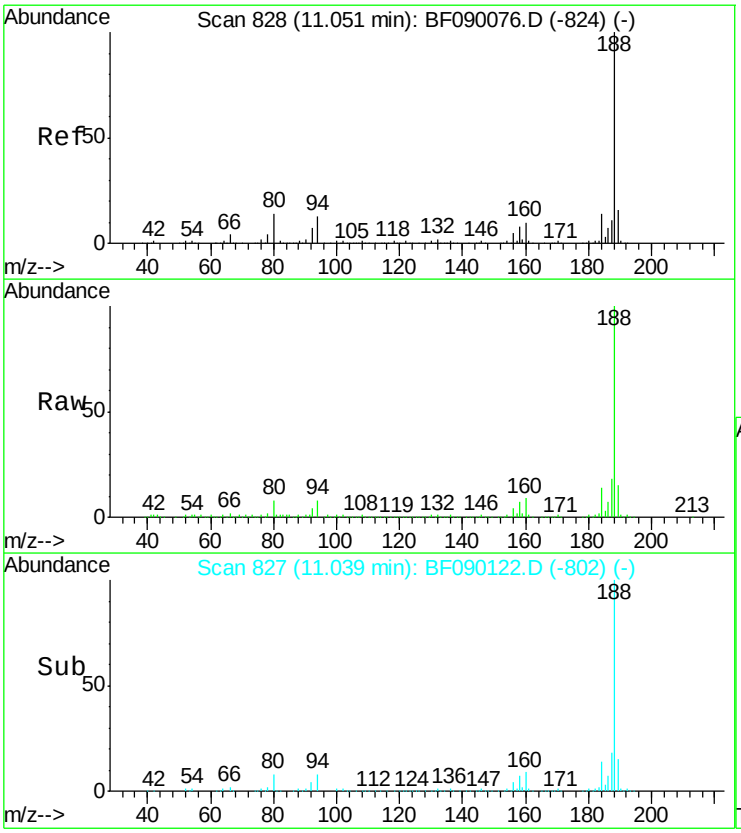
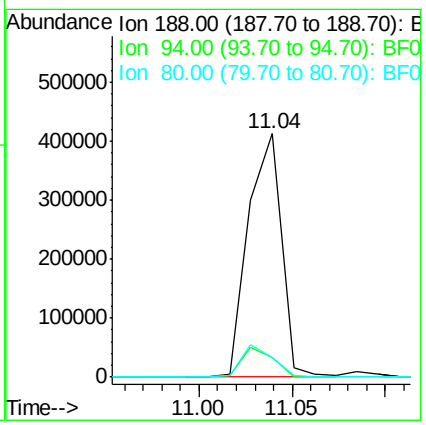
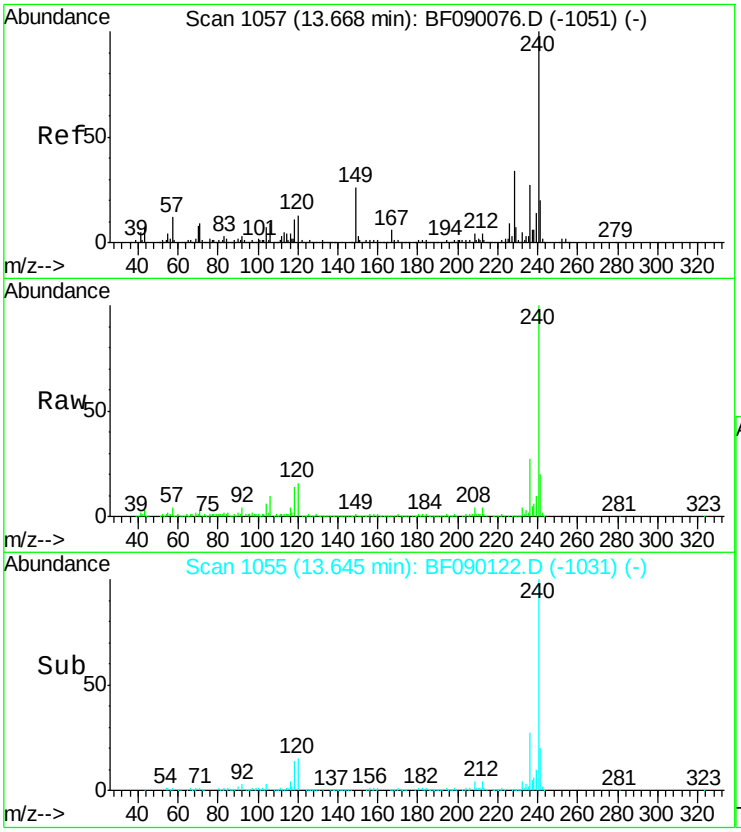


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:188 Resp: 510463

Ion	Ratio	Lower	Upper
188	100		
94	8.1	10.5	15.7#
80	7.9	11.2	16.8#

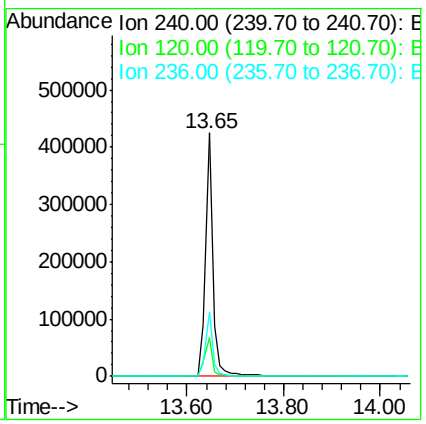




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:240 Resp: 456003

Ion	Ratio	Lower	Upper
240	100		
120	15.8	10.6	16.0
236	26.5	21.6	32.4



Instrument :
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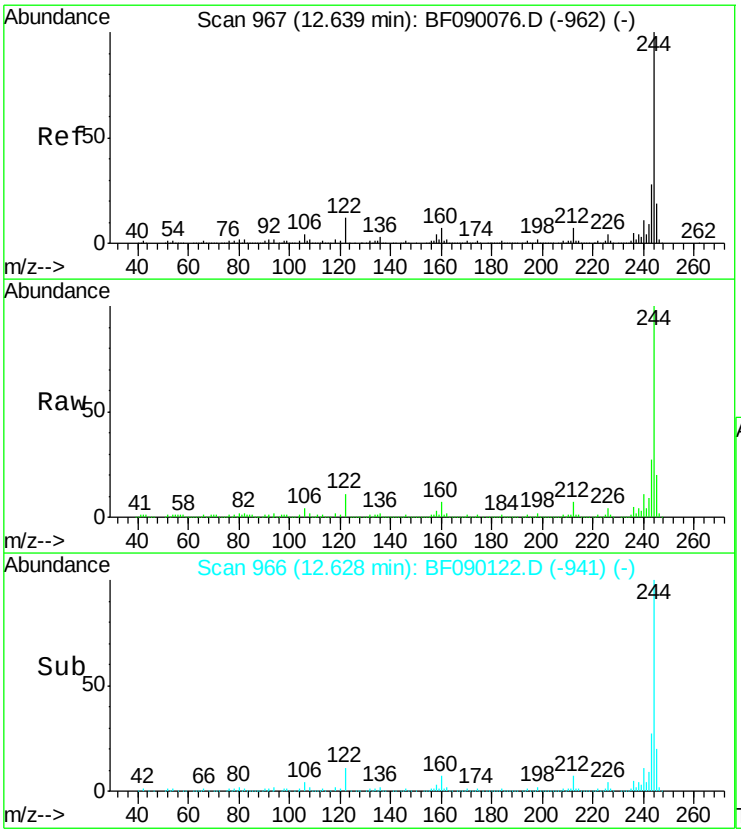
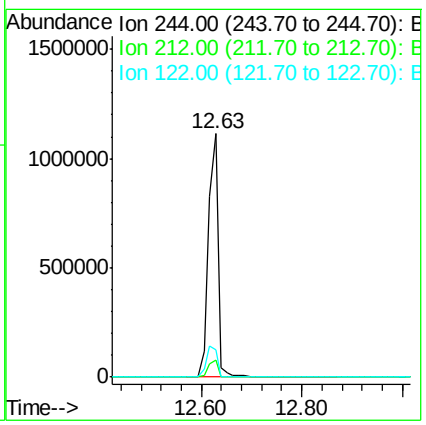
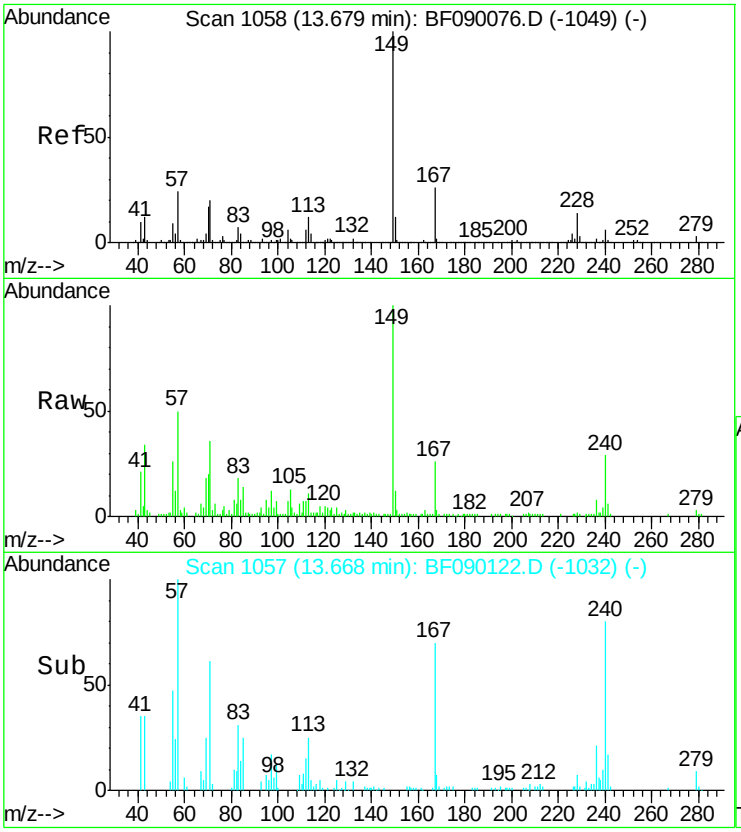


#78
Terphenyl-d14
Concen: 77.72 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:244 Resp: 1492294

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.2	9.4	14.0





#83
Bis(2-ethylhexyl)phthalate
Concen: 3.45 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:149 Resp: 70631

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.2	31.8
279	3.4	2.2	3.2#

Instrument :
BNA_F
ClientSampleId :
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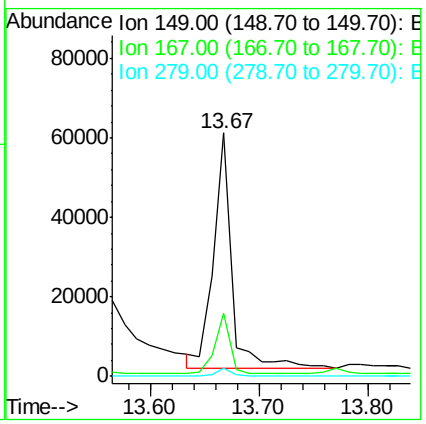

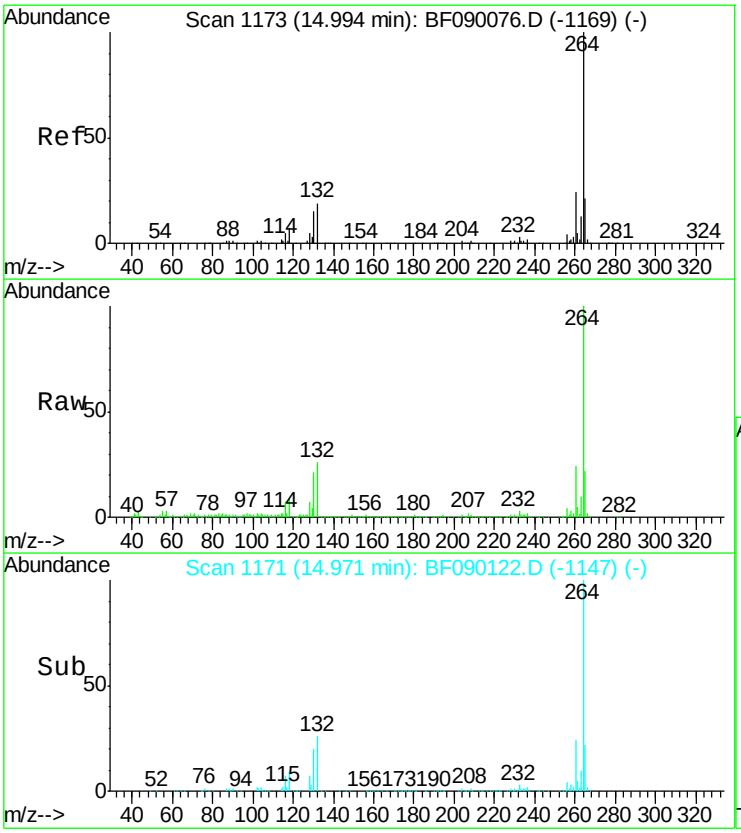

#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:264 Resp: 382385

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.9	17.0	25.4