Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093440.D
Acq On : 8 Mar 2017 20:40
Operator : SJ/MA
Sample : I2099-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
39C-9-11

Manual Integrations APPROVED
mohammad
3/10/2017 8:11:59 AM

Quant Time: Mar 09 00:14:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	178245m	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	714118	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	344419	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	653174	20.00	ng	0.01
75) Chrysene-d12	13.93	240	574384	20.00	ng	0.01
86) Perylene-d12	15.34	264	464302	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	831354	77.63	ng	0.00
7) Phenol-d6	6.41	99	1133860	83.96	ng	0.00
23) Nitrobenzene-d5	7.34	82	749487	58.23	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	178738	79.65	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1158059	62.54	ng	0.00
78) Terphenyl-d14	12.87	244	992189	44.91	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	237752	10.41	ng	100

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

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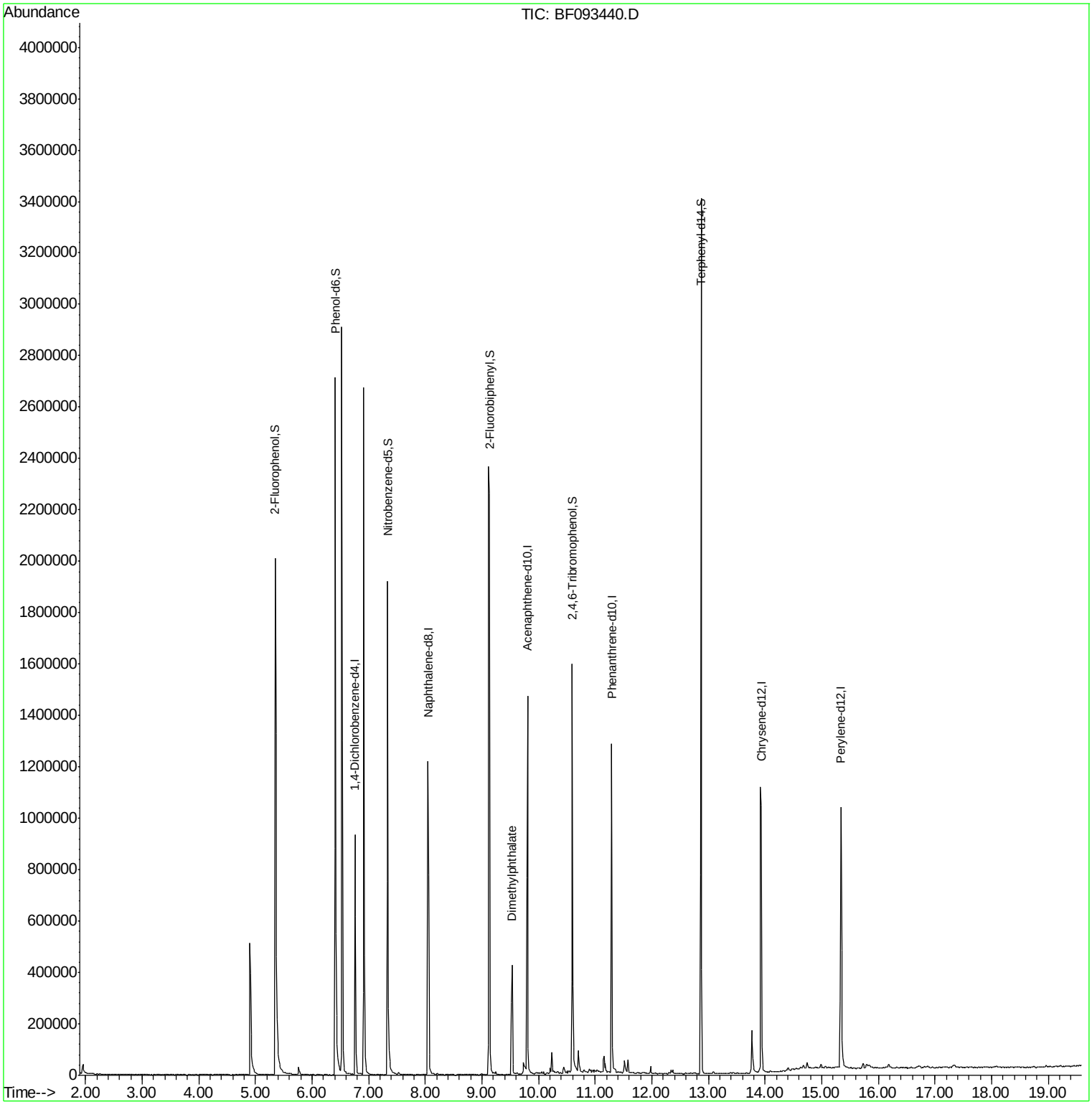
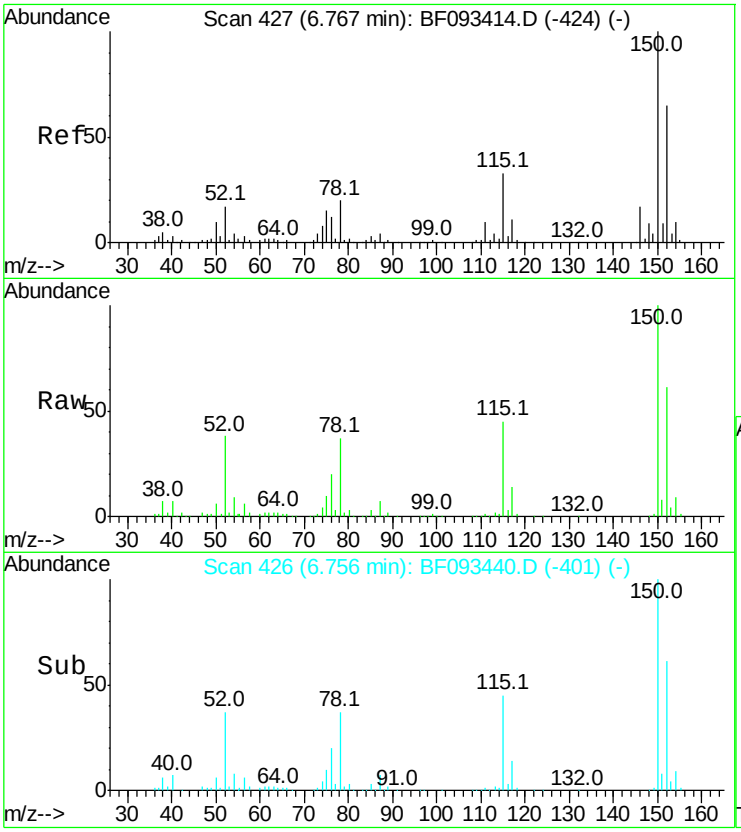
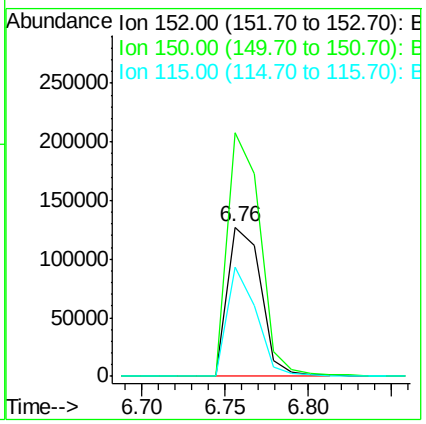




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:152 Resp: 178245

Ion	Ratio	Lower	Upper
152	100		
150	163.4	124.9	187.3
115	73.2	46.0	69.0#



Instrument :
BNA_F
ClientSampleId :
39C-9-11

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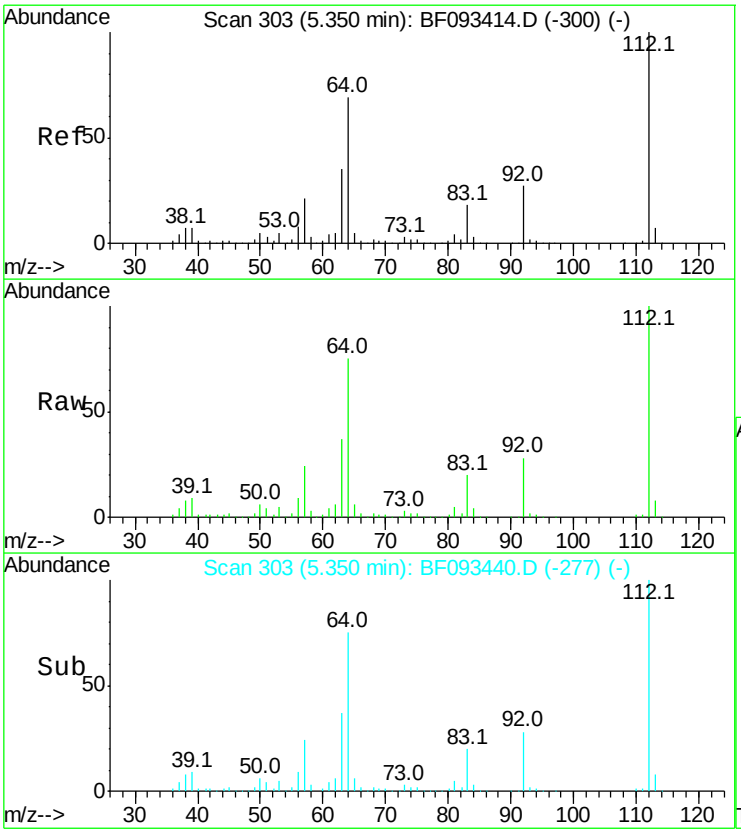
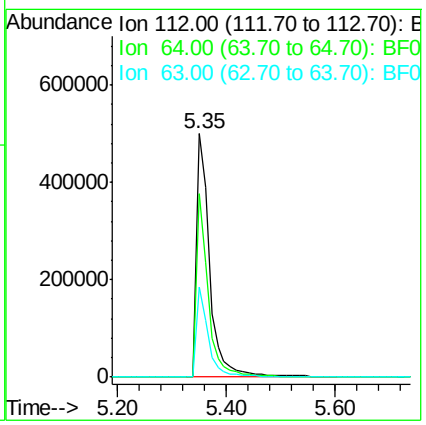
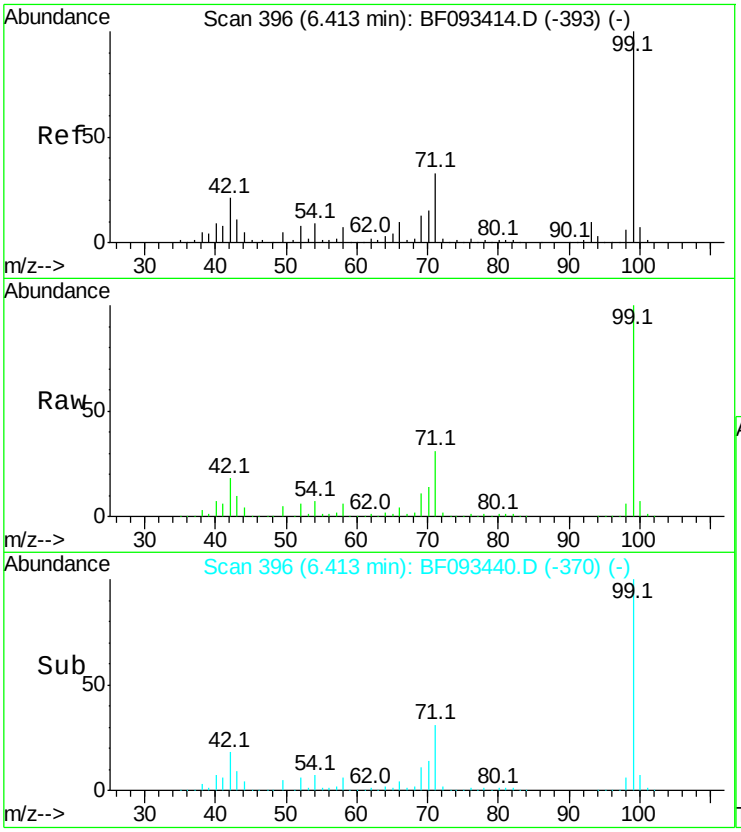


#5
2-Fluorophenol
Concen: 77.63 ng
RT: 5.35 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:112 Resp: 831354

Ion	Ratio	Lower	Upper
112	100		
64	75.1	46.1	69.1#
63	37.2	23.8	35.6#

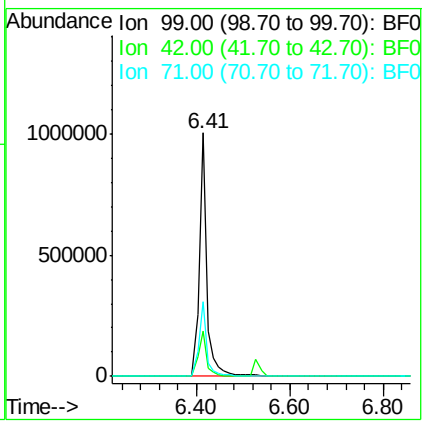




#7
Phenol-d6
Concen: 83.96 ng
RT: 6.41 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion: 99 Resp: 1133860

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.6	23.4
71	30.6	27.5	41.3



Instrument :
BNA_F
ClientSampleId :
39C-9-11

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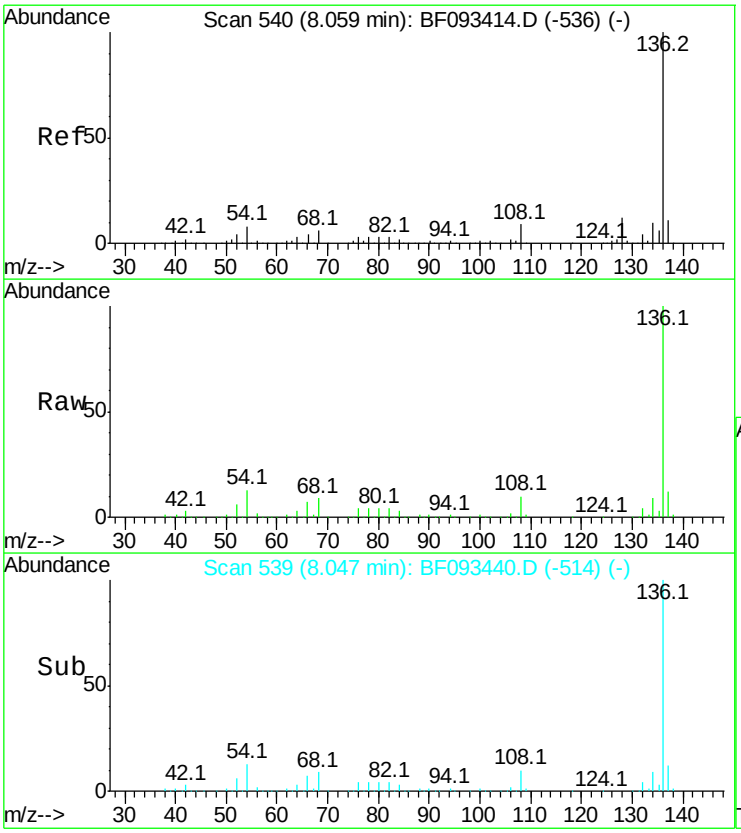
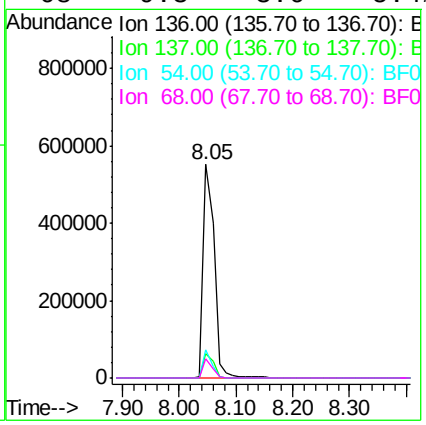
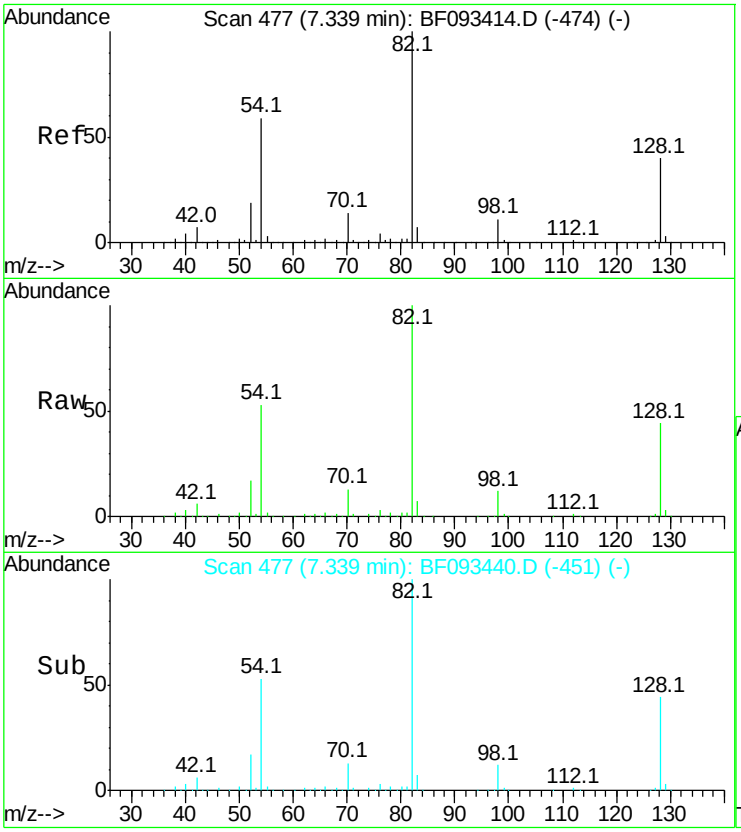


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:136 Resp: 714118

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	13.3	4.5	6.7#
68	9.3	3.6	5.4#

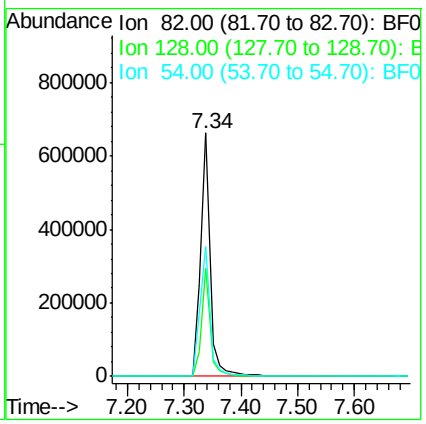




#23
Nitrobenzene-d5
Concen: 58.23 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion: 82 Resp: 749487

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	53.4	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
39C-9-11

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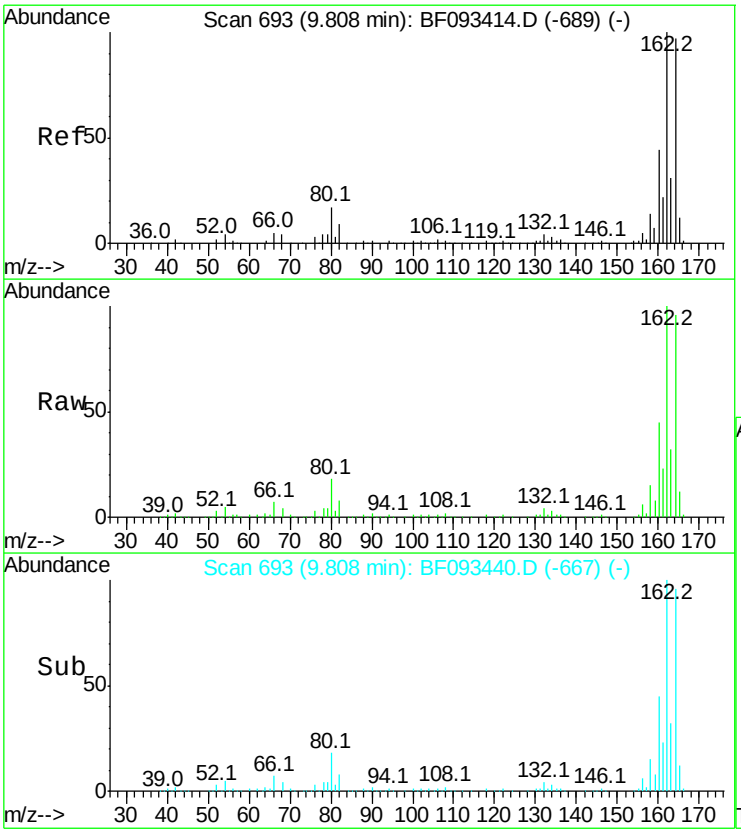
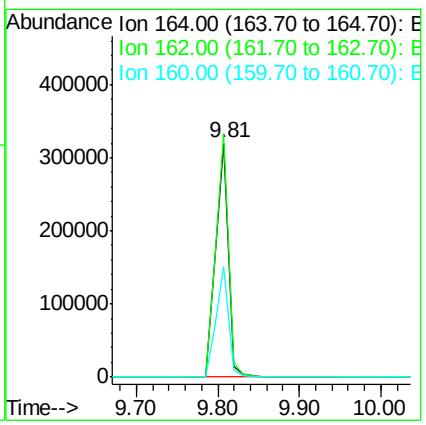
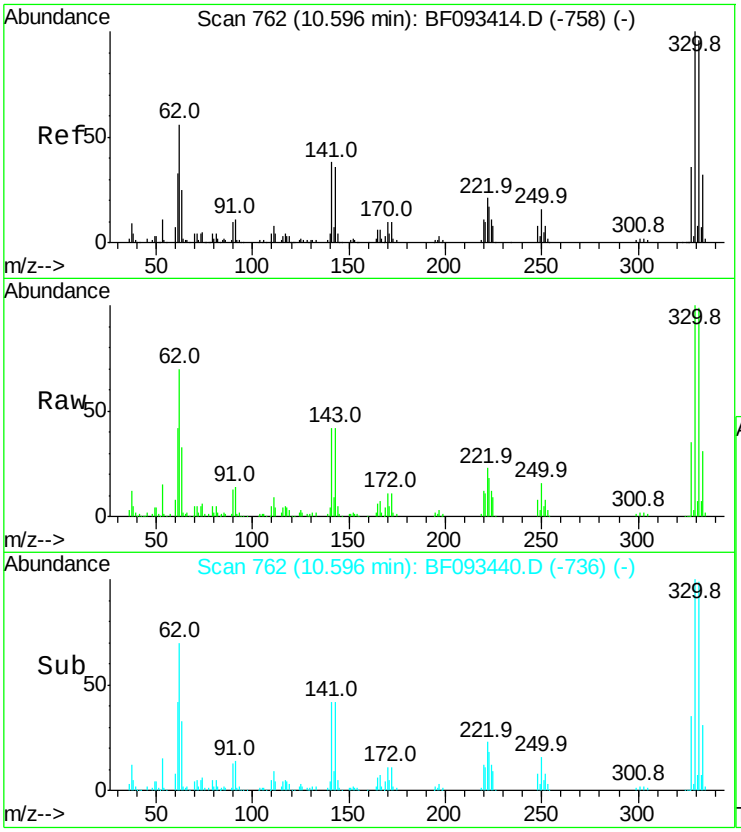


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:164 Resp: 344419

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.2	120.2
160	47.3	36.9	55.3

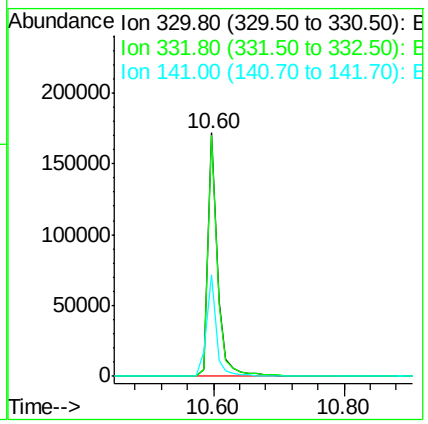




#41
2,4,6-Tribromophenol
Concen: 79.65 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:330 Resp: 178738

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.2
141	43.2	34.1	51.1



Instrument :
BNA_F
ClientSampleId :
39C-9-11

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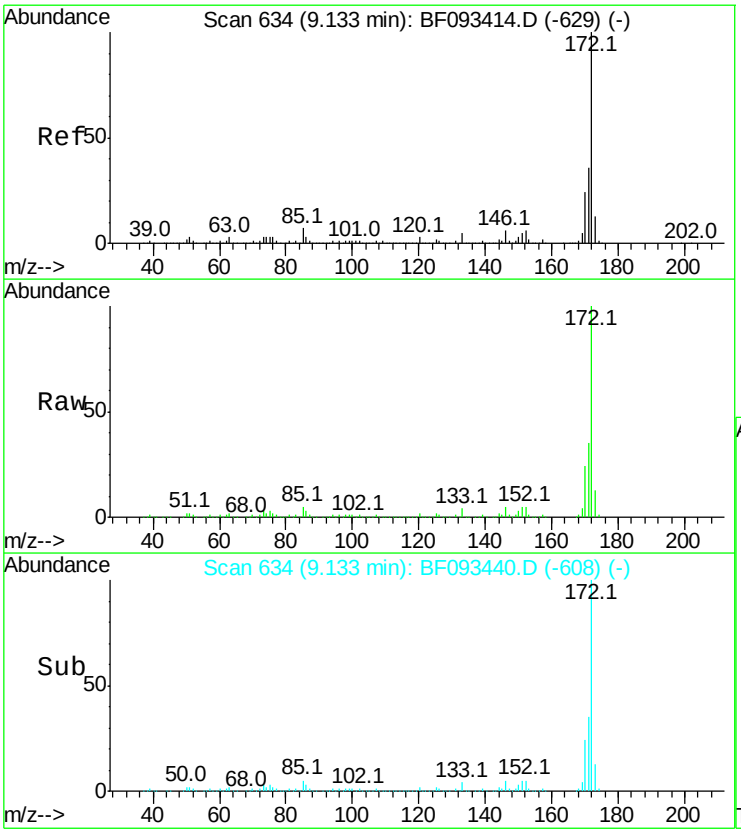
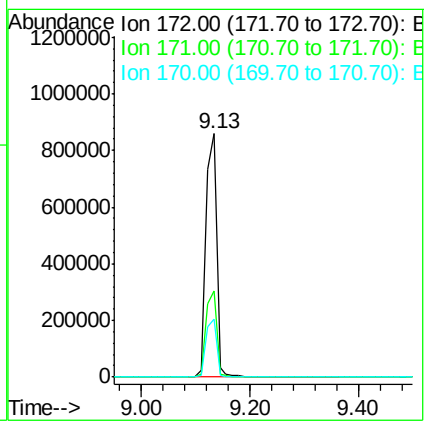
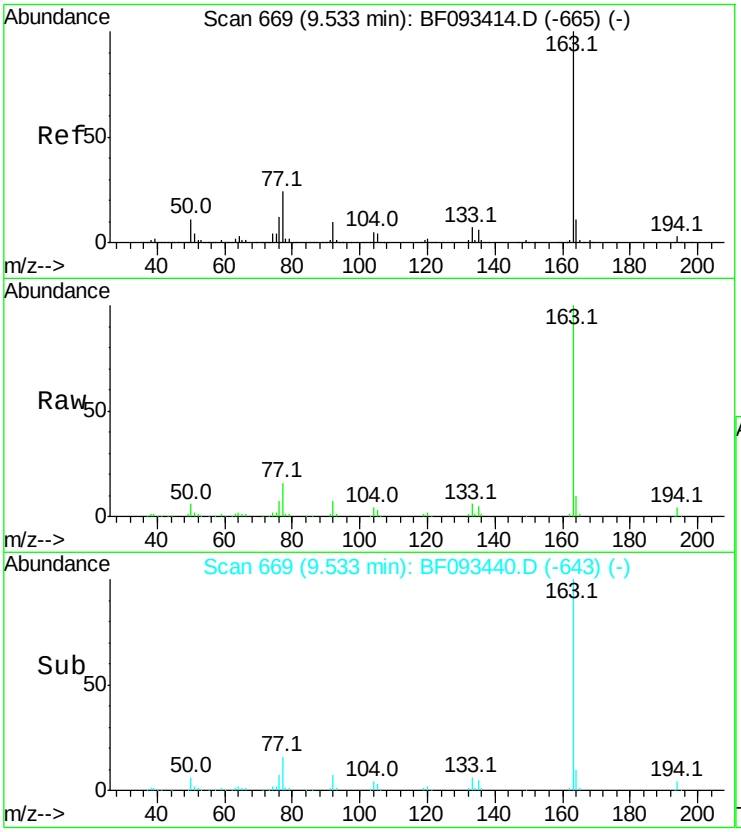


#44
2-Fluorobiphenyl
Concen: 62.54 ng
RT: 9.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:172 Resp: 1158059

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.9	20.2	30.4

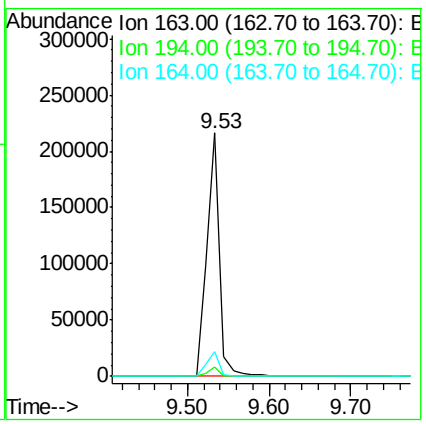




#49
Dimethylphthalate
Concen: 10.41 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:163 Resp: 237752

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.9	8.0	12.0



Instrument :
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ClientSampleId :
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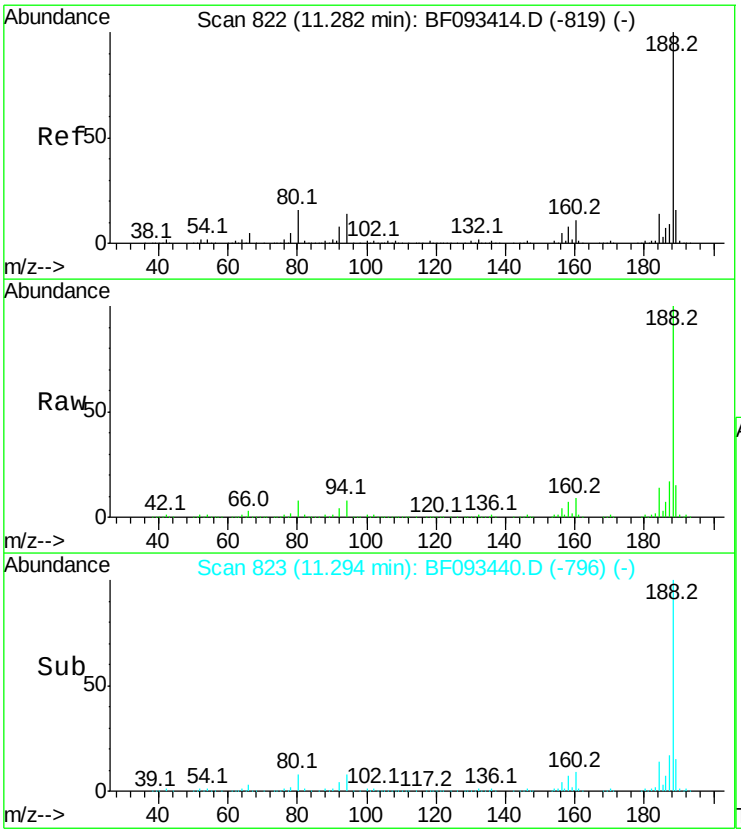
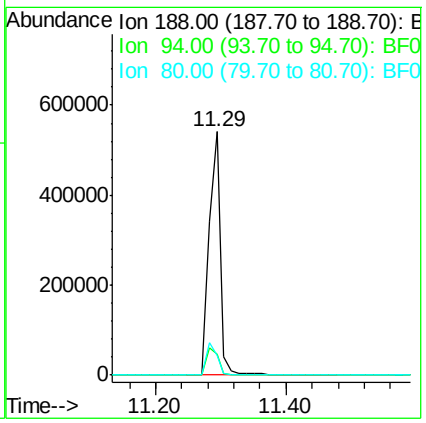
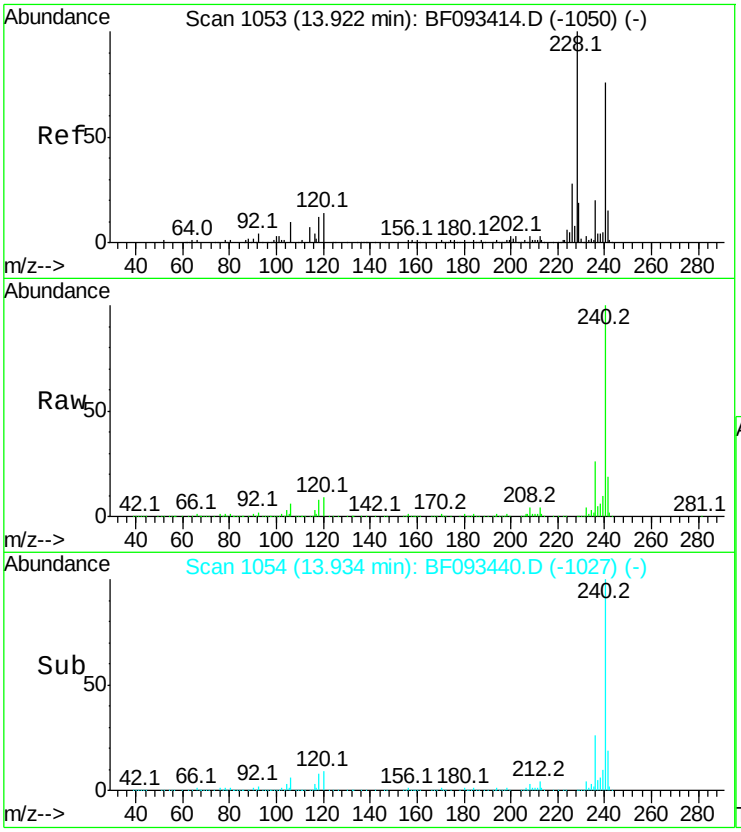


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:188 Resp: 653174

Ion	Ratio	Lower	Upper
188	100		
94	8.4	10.0	15.0#
80	8.3	11.2	16.8#

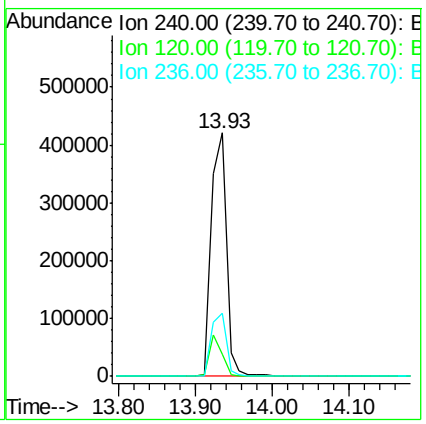




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:240 Resp: 574384

Ion	Ratio	Lower	Upper
240	100		
120	9.0	12.9	19.3#
236	25.8	20.9	31.3



Instrument :
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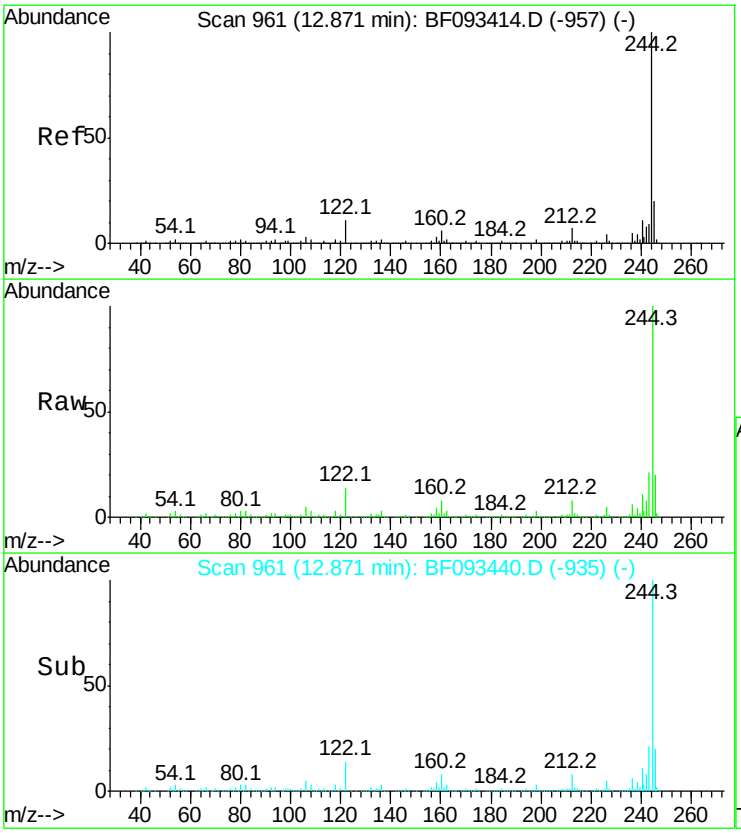
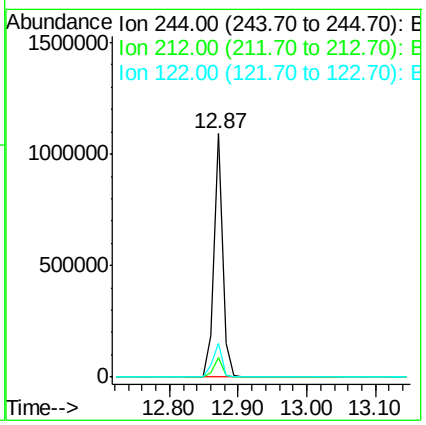
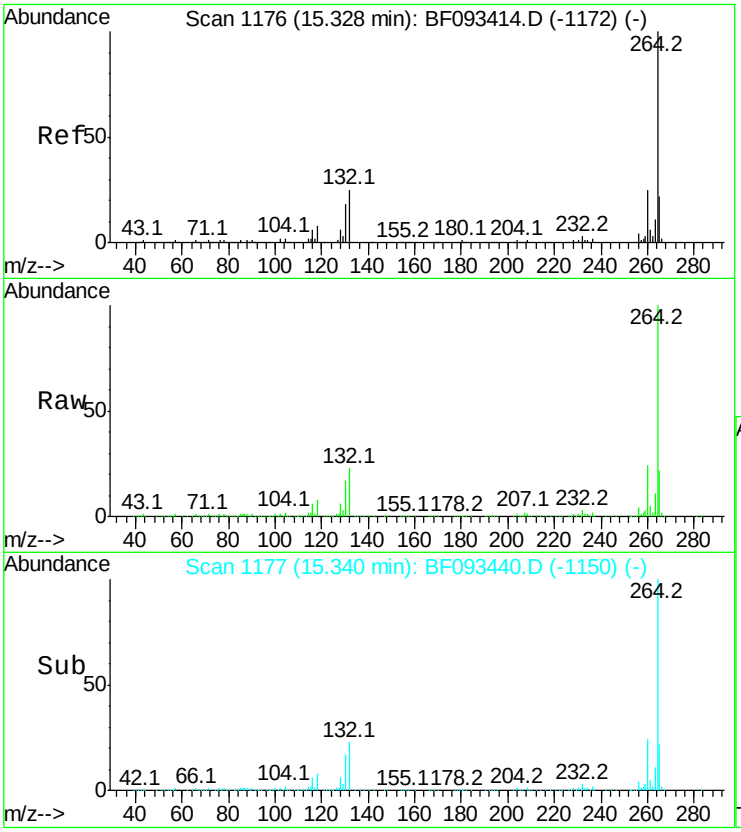


#78
Terphenyl-d14
Concen: 44.91 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:244 Resp: 992189

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.8	11.4	17.2

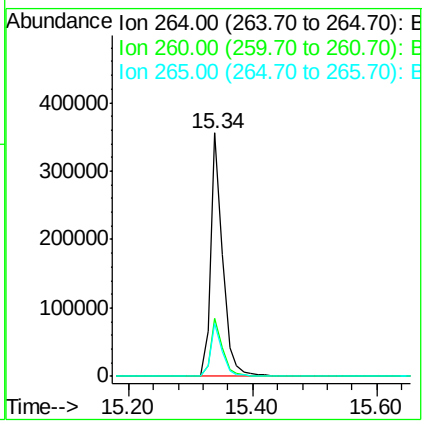




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:264 Resp: 464302

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.4	26.0



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ClientSampleId :
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