Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093078.D
Acq On : 22 Feb 2017 16:34
Operator : SJ/MA
Sample : PB97097BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97097BL

Quant Time: Feb 23 00:14:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	137405	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	590564	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	280937	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	523536	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	468805	20.00	ng	-0.03
86) Perylene-d12	15.41	264	389203	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1212337	151.37	ng	0.00
7) Phenol-d6	6.48	99	1515108	147.03	ng	-0.01
23) Nitrobenzene-d5	7.40	82	843522	79.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	290963	143.20	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1511709	97.49	ng	-0.02
78) Terphenyl-d14	12.95	244	1529617	76.66	ng	-0.02
Target Compounds						Qvalue

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

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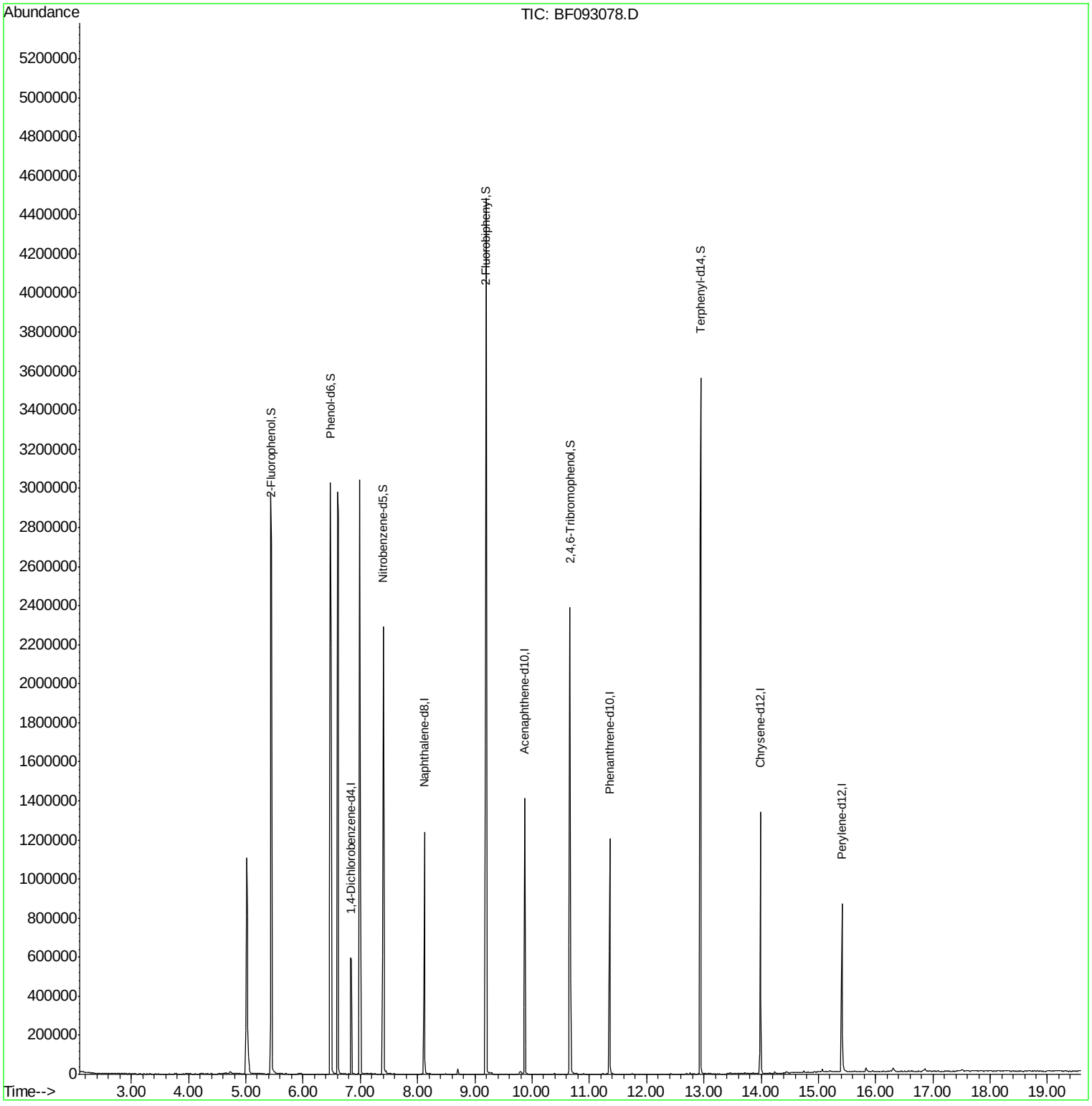
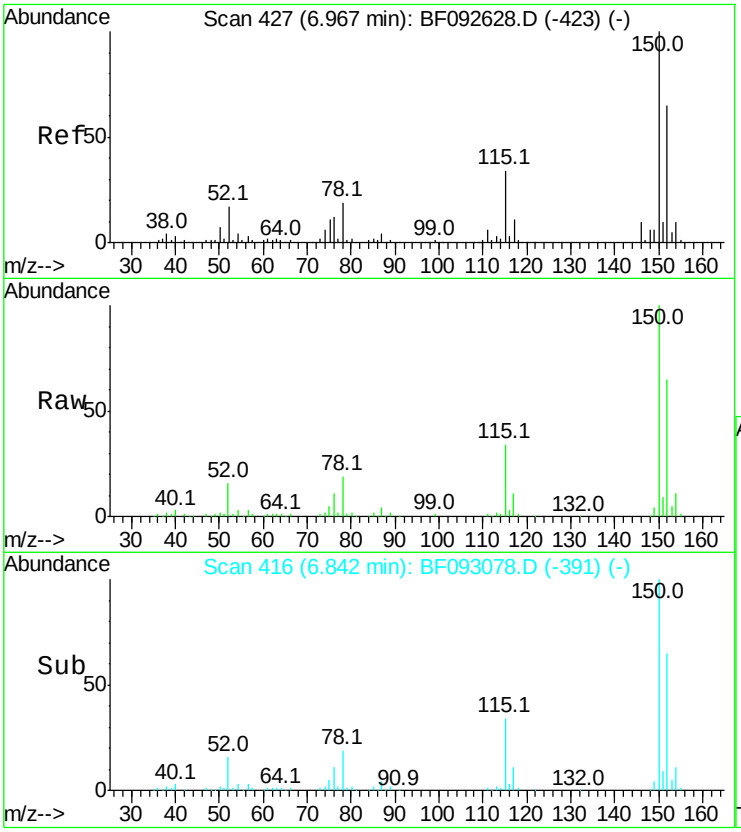


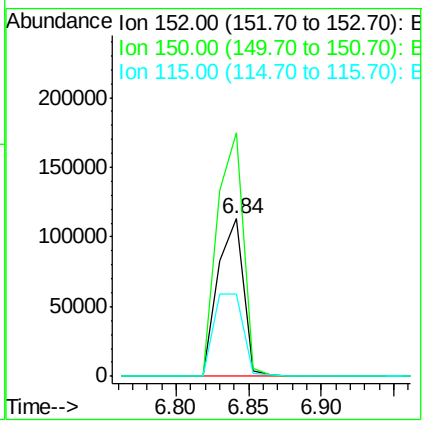


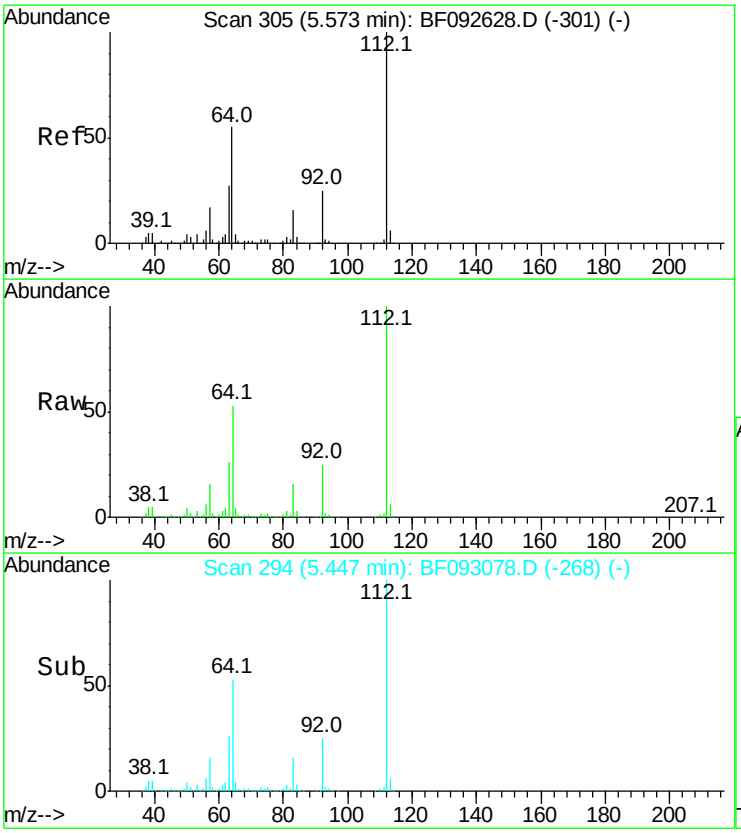
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093078.D
Acq: 22 Feb 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB97097BL

Tgt Ion:152 Resp: 137405

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.9	187.3
115	52.2	46.0	69.0

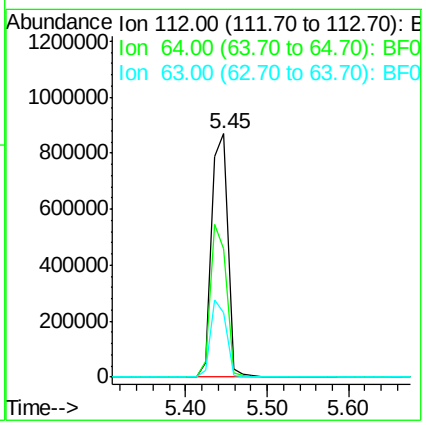


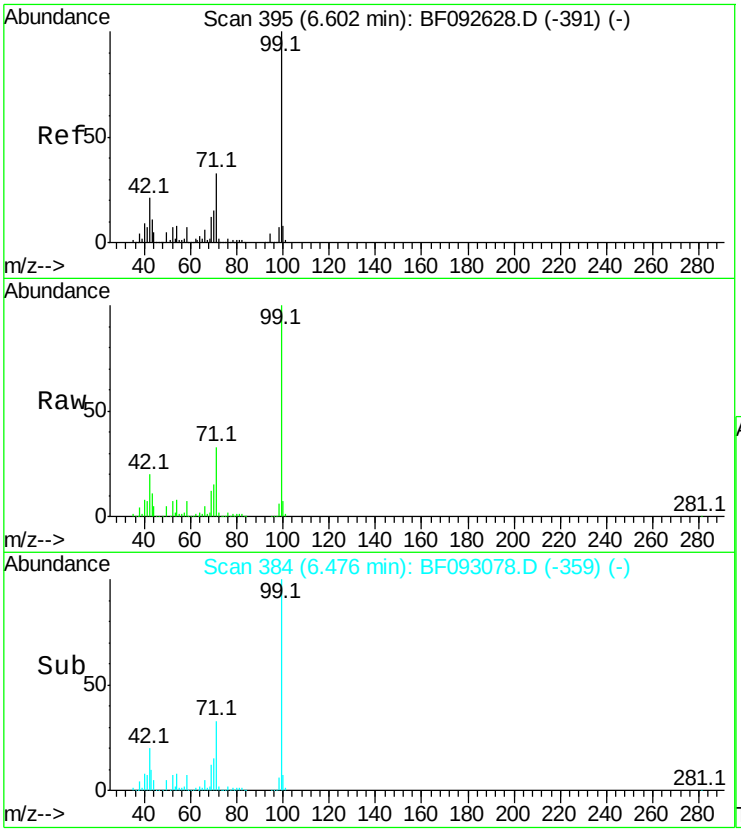


#5
2-Fluorophenol
Concen: 151.37 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093078.D
Acq: 22 Feb 2017 16:34

Tgt Ion:112 Resp: 1212337

Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.1	69.1
63	26.2	23.8	35.6



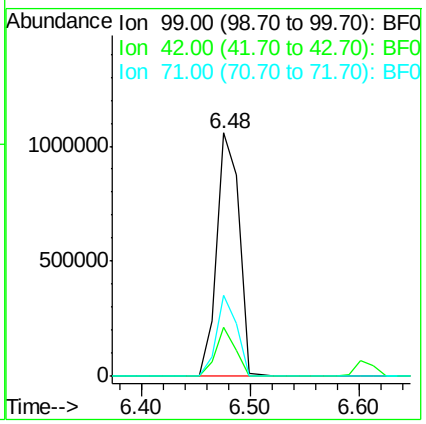


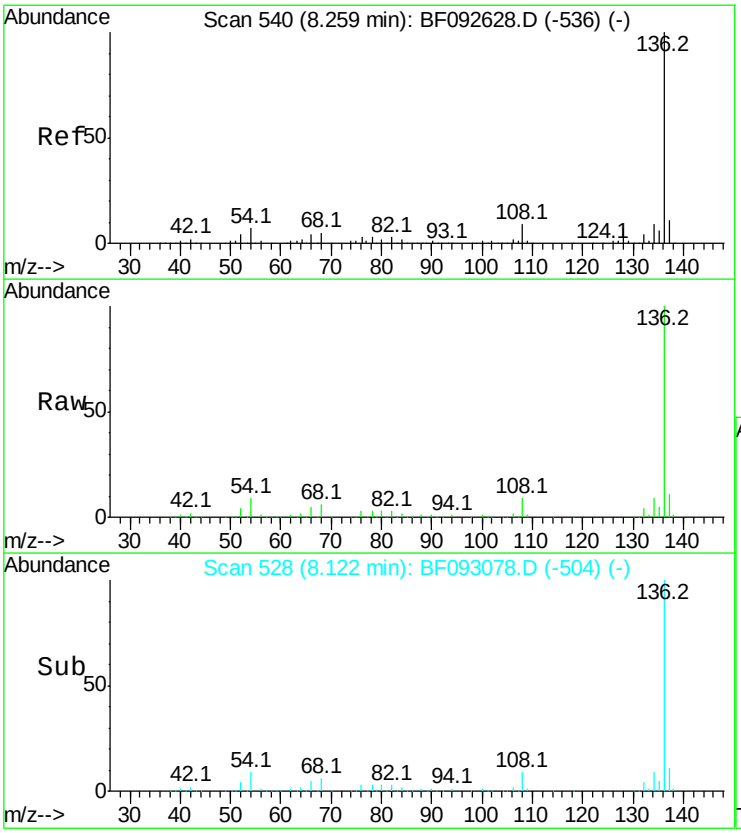
#7
Phenol-d6
Concen: 147.03 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093078.D
Acq: 22 Feb 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB97097BL

Tgt Ion: 99 Resp: 1515108

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	33.2	27.5	41.3

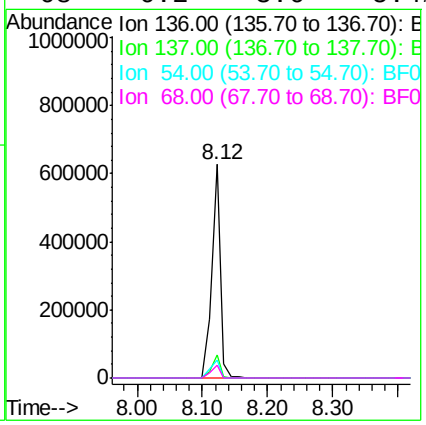


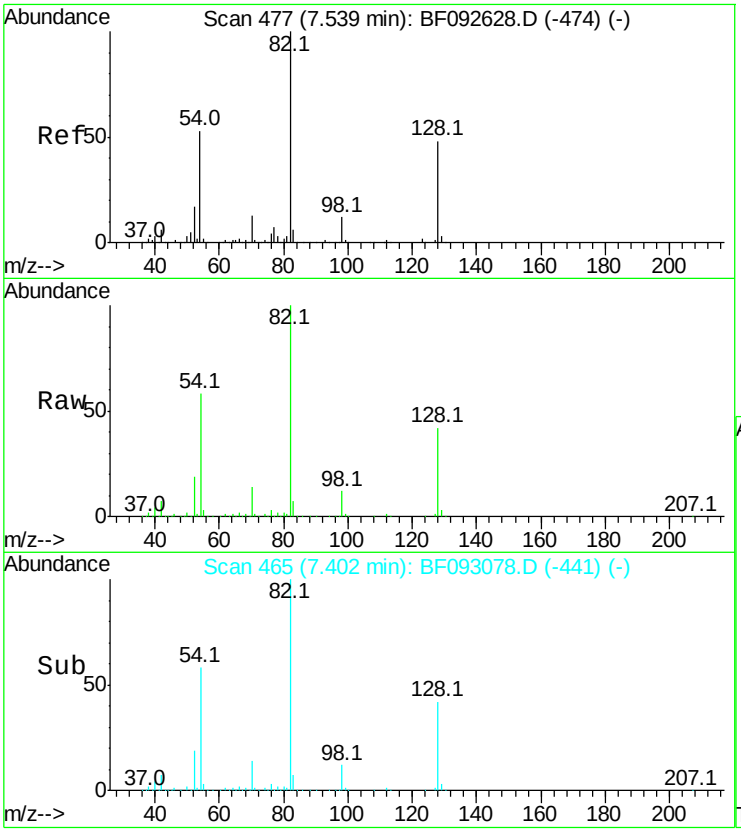


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093078.D
Acq: 22 Feb 2017 16:34

Tgt Ion:136 Resp: 590564

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.5	4.5	6.7#
68	6.2	3.6	5.4#



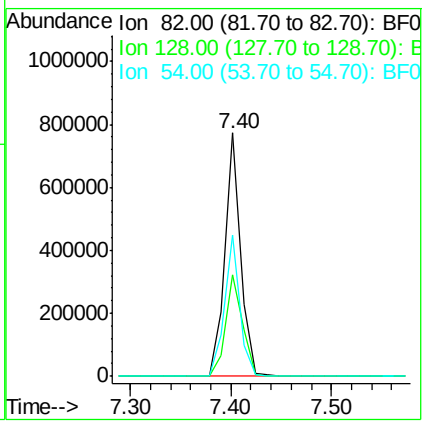


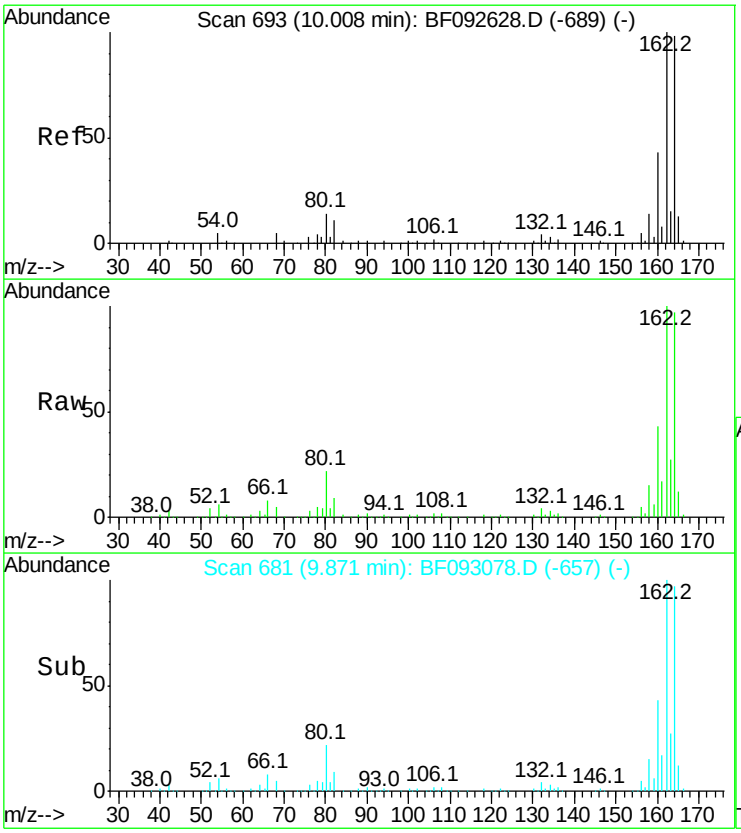
#23
Nitrobenzene-d5
Concen: 79.54 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093078.D
Acq: 22 Feb 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB97097BL

Tgt Ion: 82 Resp: 843522

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	58.1	39.5	59.3

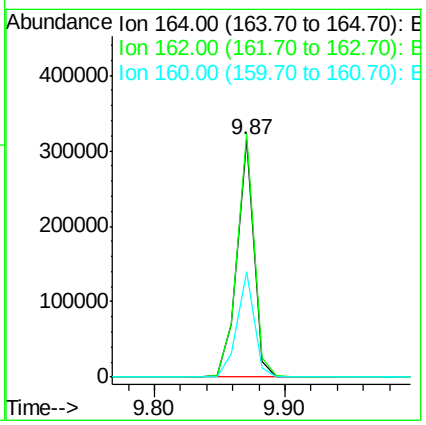


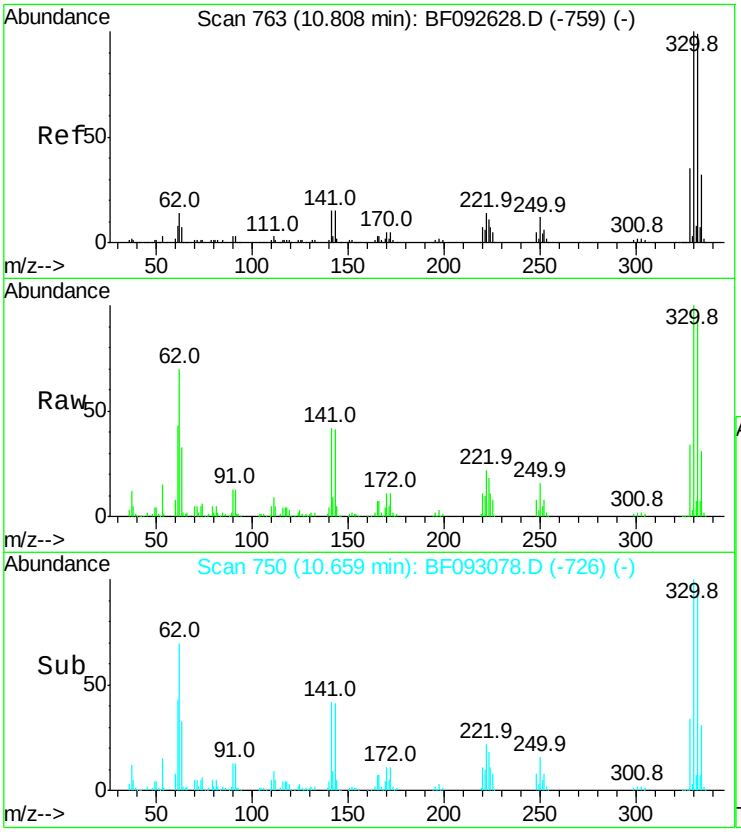


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093078.D
Acq: 22 Feb 2017 16:34

Tgt Ion:164 Resp: 280937

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.2	120.2
160	44.5	36.9	55.3



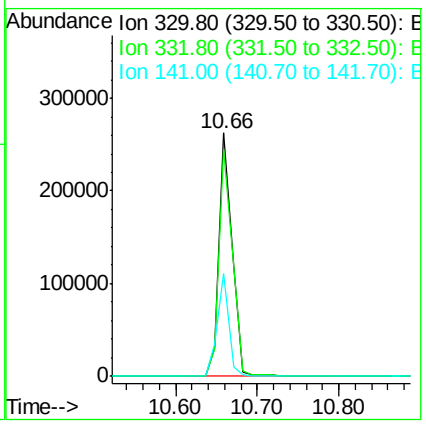


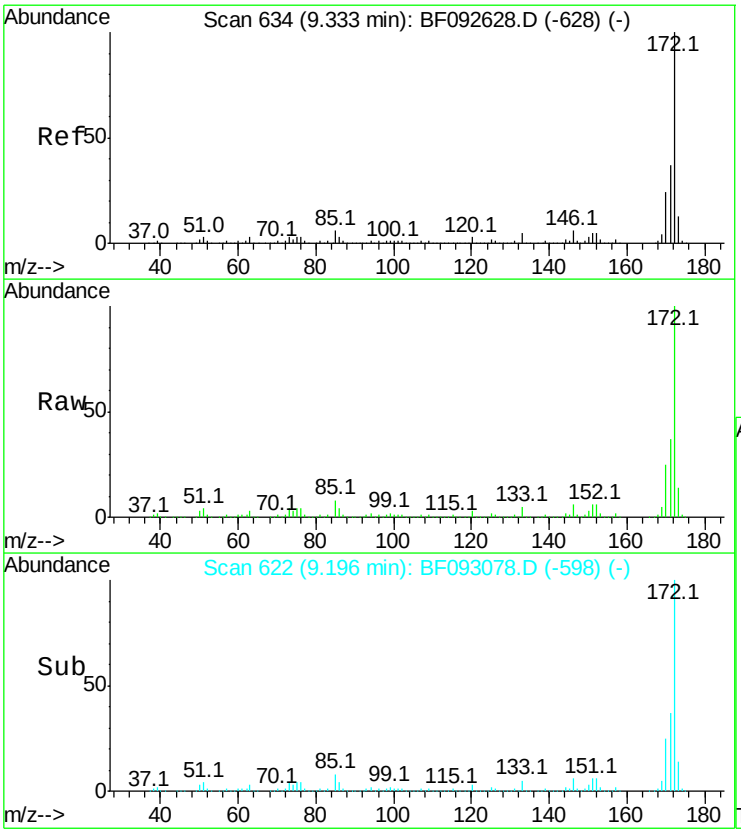
#41
2,4,6-Tribromophenol
Concen: 143.20 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF093078.D
Acq: 22 Feb 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB97097BL

Tgt Ion:330 Resp: 290963

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	37.8	34.1	51.1

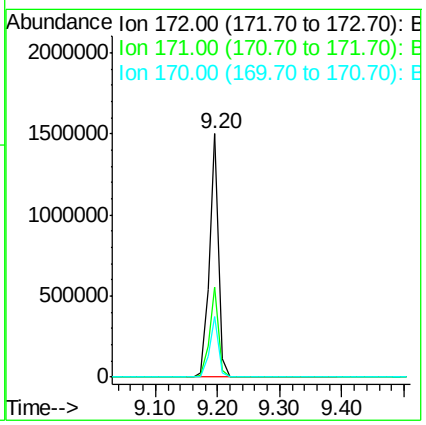


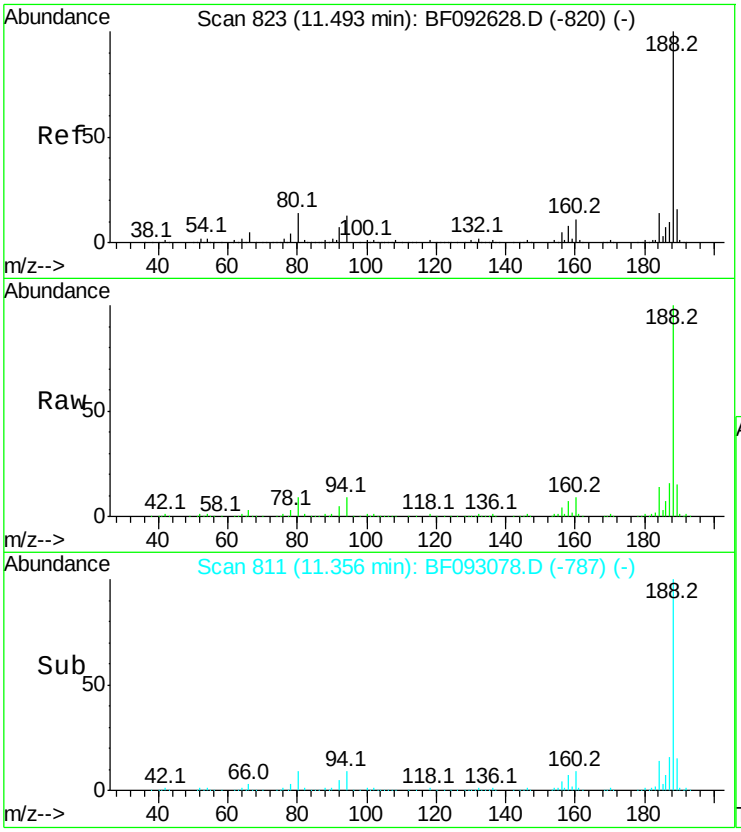


#44
2-Fluorobiphenyl
Concen: 97.49 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF093078.D
Acq: 22 Feb 2017 16:34

Tgt Ion:172 Resp: 1511709

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.9	20.2	30.4



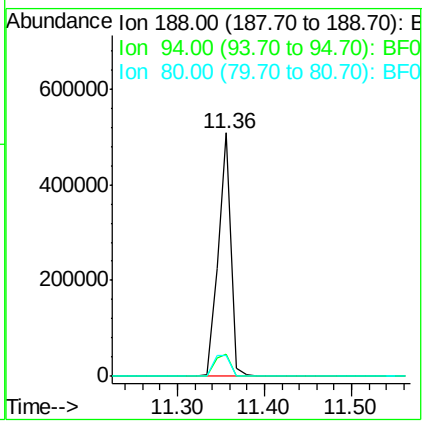


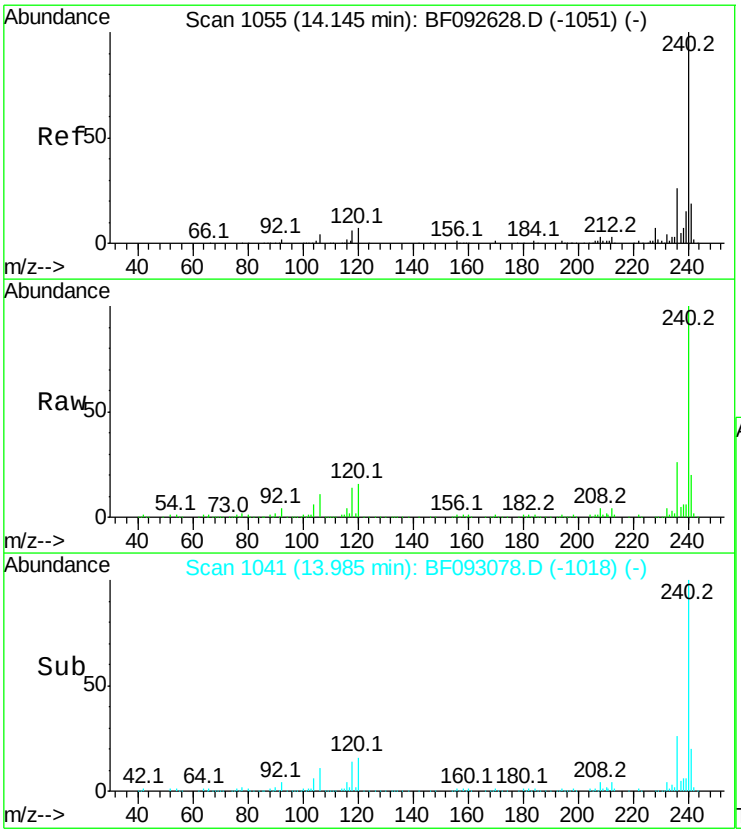
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093078.D
Acq: 22 Feb 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB97097BL

Tgt Ion:188 Resp: 523536

Ion	Ratio	Lower	Upper
188	100		
94	9.0	10.0	15.0#
80	8.8	11.2	16.8#

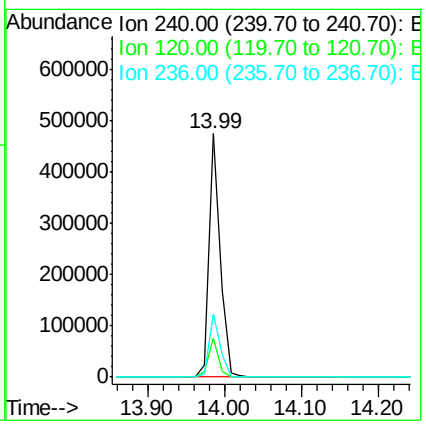


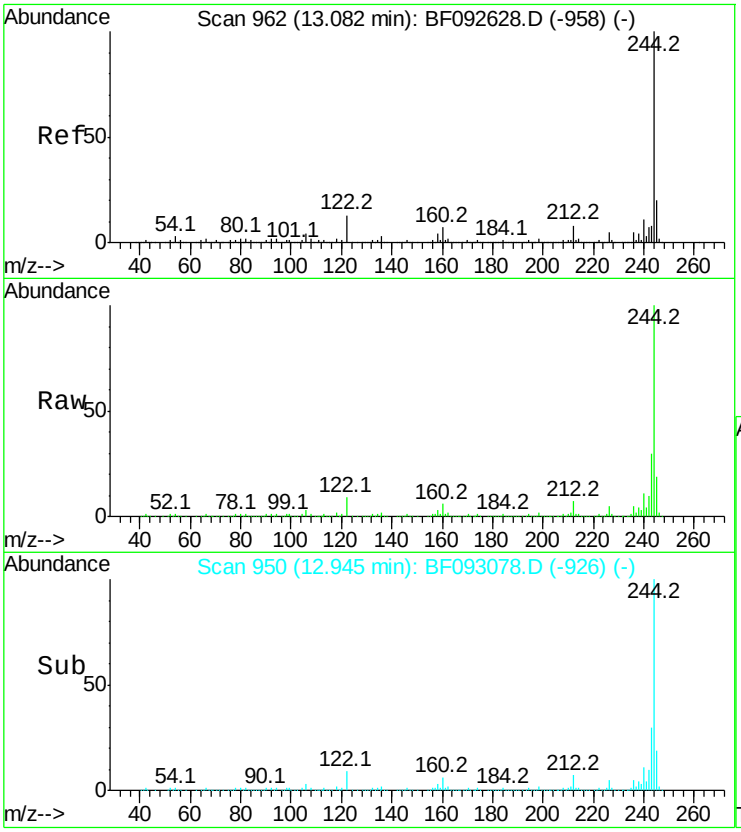


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093078.D
Acq: 22 Feb 2017 16:34

Tgt Ion:240 Resp: 468805

Ion	Ratio	Lower	Upper
240	100		
120	16.2	12.9	19.3
236	26.1	20.9	31.3



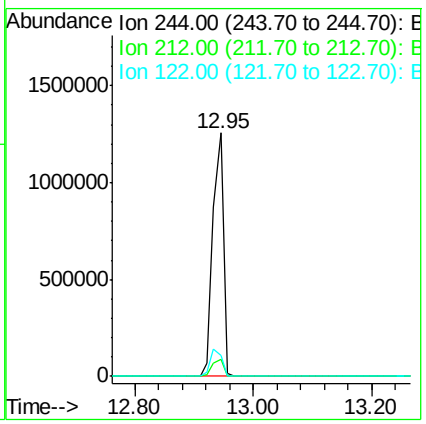


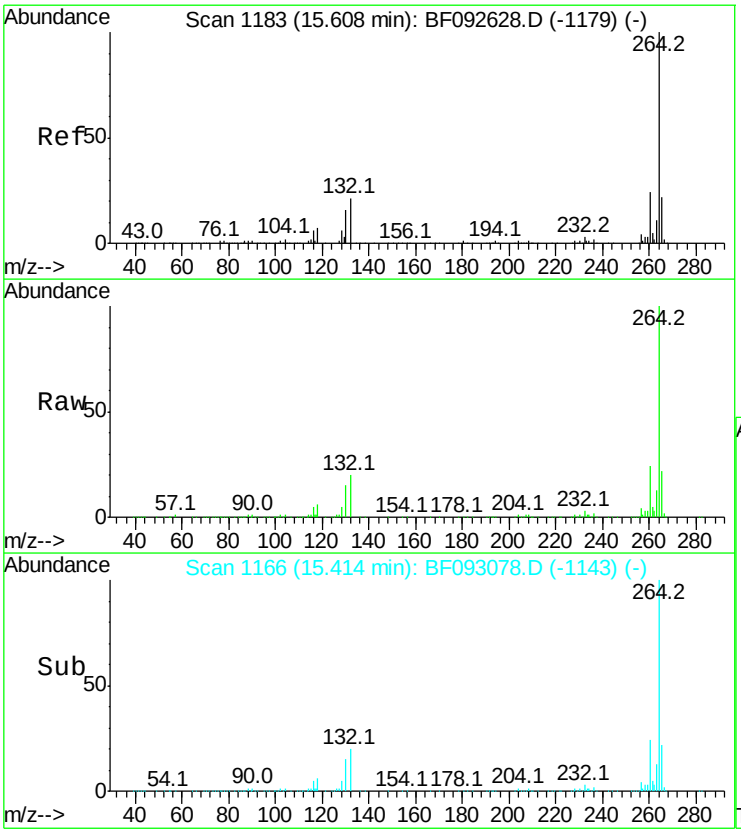
#78
Terphenyl-d14
Concen: 76.66 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093078.D
Acq: 22 Feb 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB97097BL

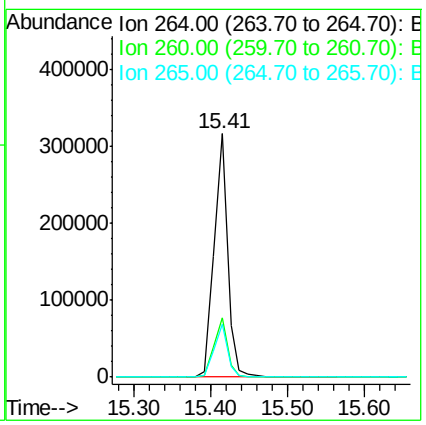
Tgt Ion:244 Resp: 1529617

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	8.7	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093078.D
Acq: 22 Feb 2017 16:34

Tgt Ion:264 Resp: 389203

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.4	26.0