Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091513.D
Acq On : 8 Dec 2016 20:12
Operator : UM/SJ
Sample : H5886-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Time: Dec 09 00:36:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 00:14:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	165937	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	760105	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	413716	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	708021	20.00	ng	0.00
75) Chrysene-d12	13.97	240	486153	20.00	ng	0.00
86) Perylene-d12	15.39	264	408385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	438784	43.20	ng	0.01
7) Phenol-d6	6.45	99	462800	37.01	ng	-0.01
23) Nitrobenzene-d5	7.38	82	778705	57.41	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	337481	86.16	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1291652	56.53	ng	-0.01
78) Terphenyl-d14	12.93	244	1302598	58.24	ng	0.00
Target Compounds						Qvalue
51) Acenaphthene	9.89	154	48724m	2.07	ng	

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

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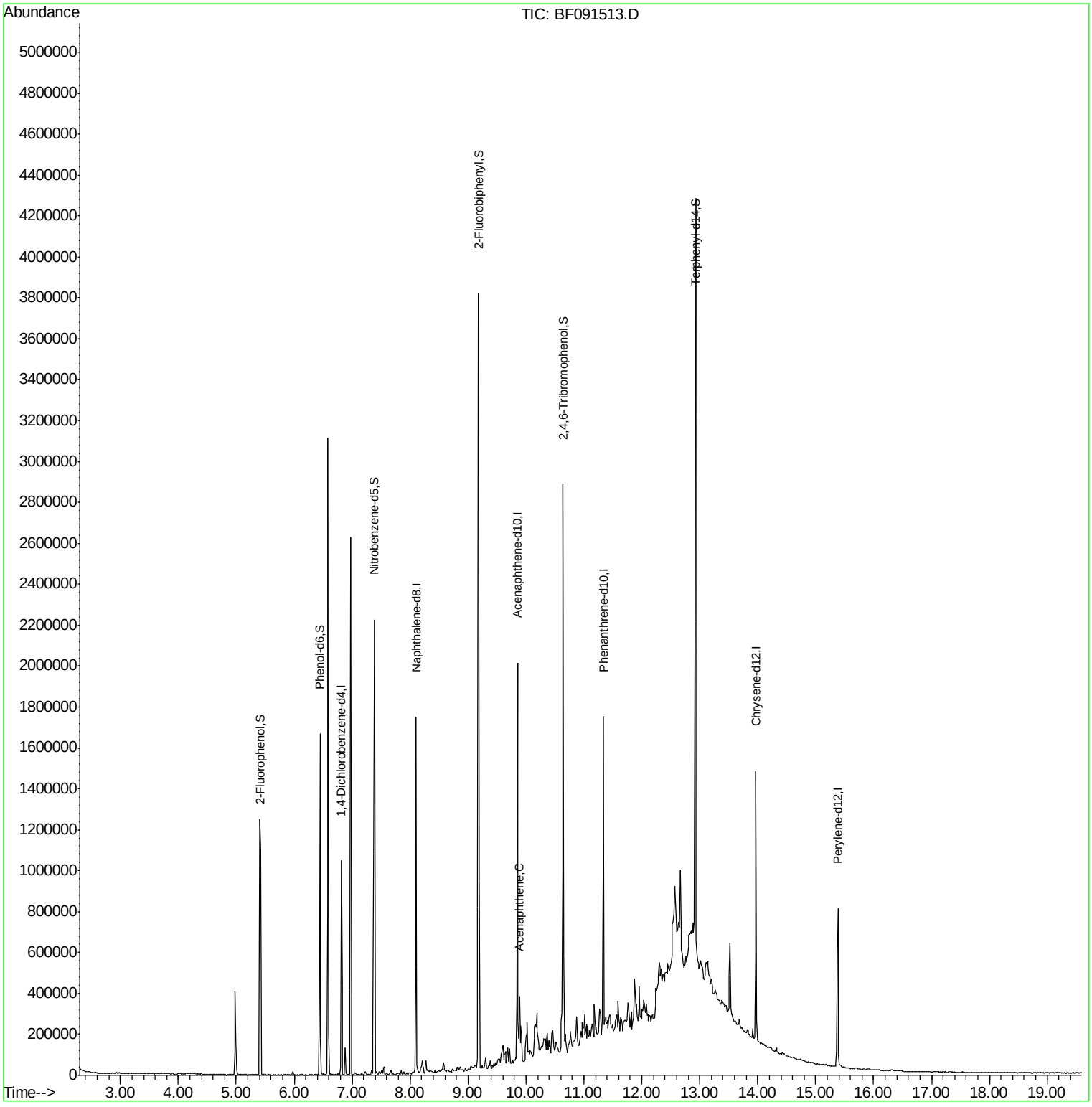
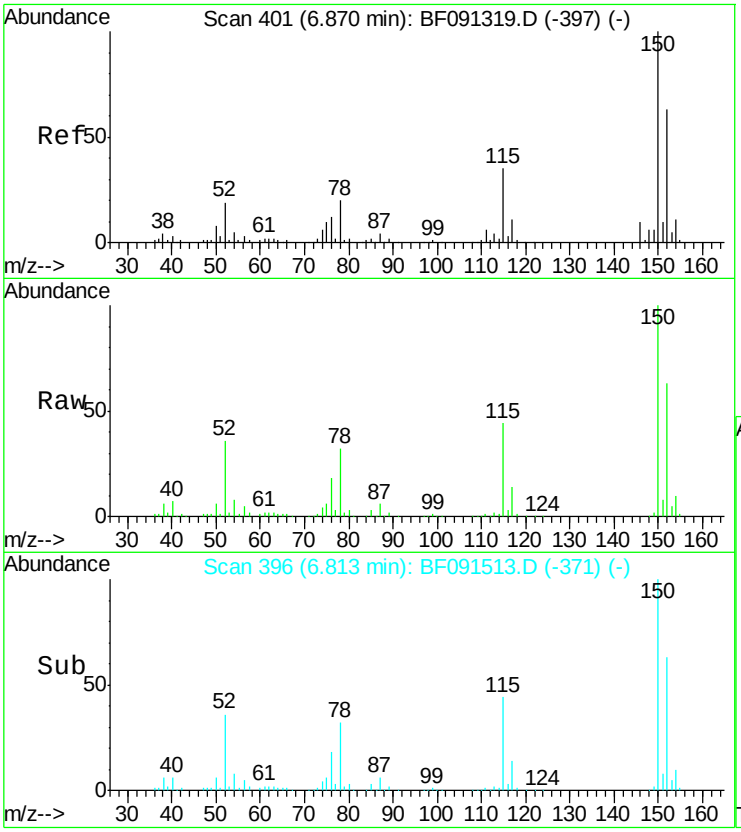


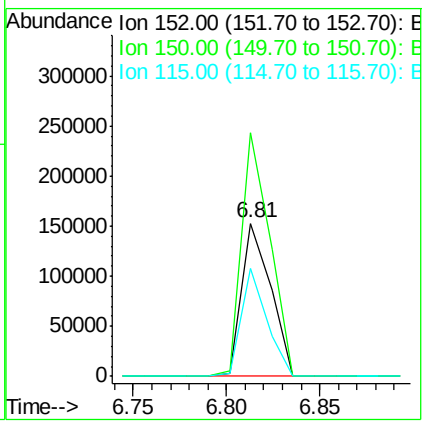


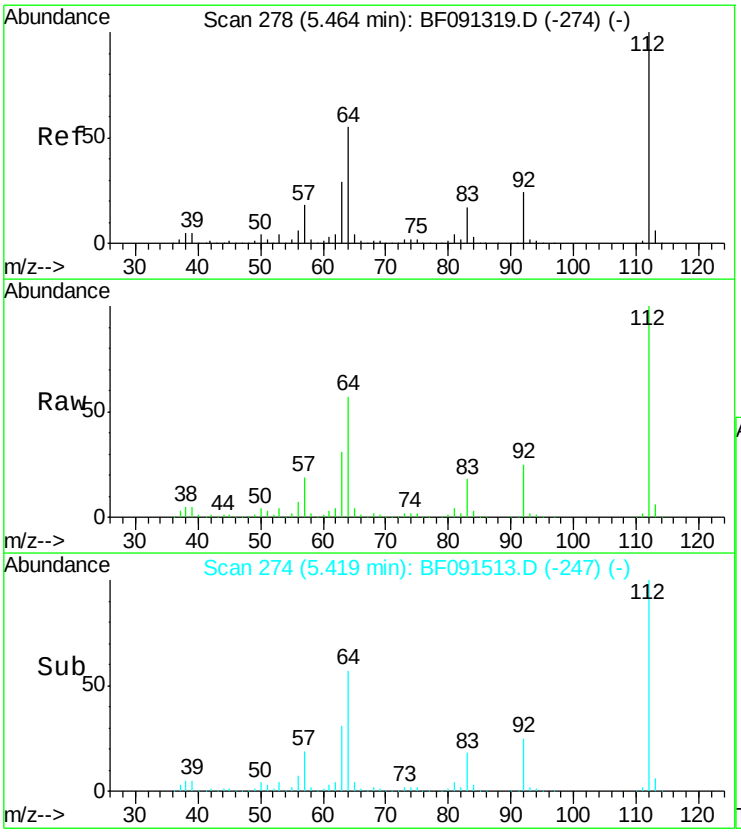
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 165937

Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.5	183.7
115	70.6	51.8	77.8

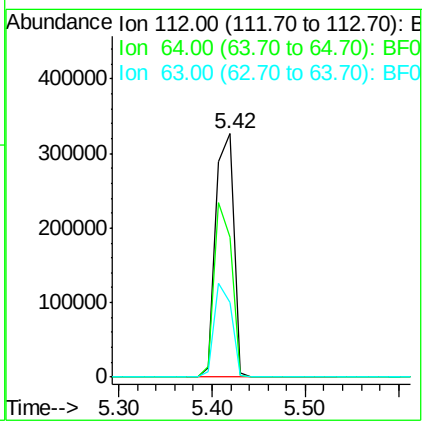


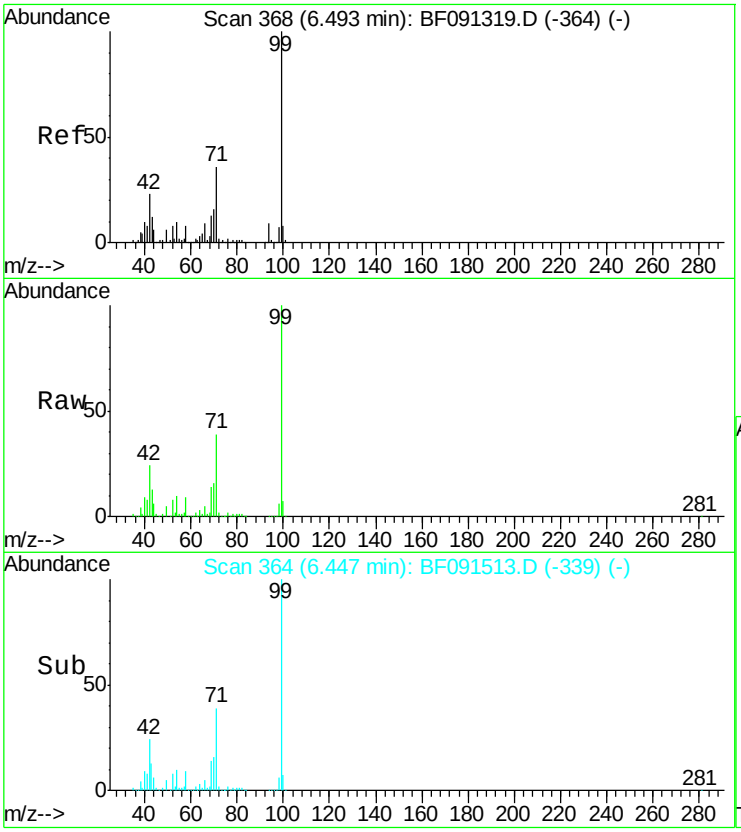


#5
2-Fluorophenol
Concen: 43.20 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Tgt Ion:112 Resp: 438784

Ion	Ratio	Lower	Upper
112	100		
64	57.2	61.5	92.3#
63	30.7	33.3	49.9#



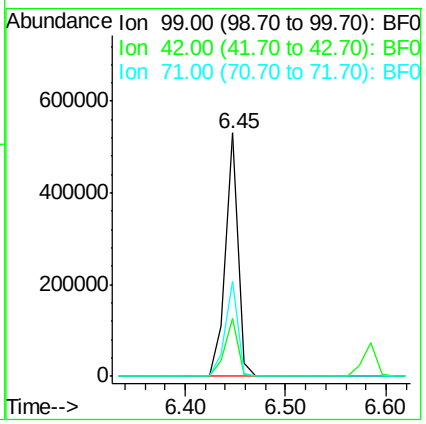


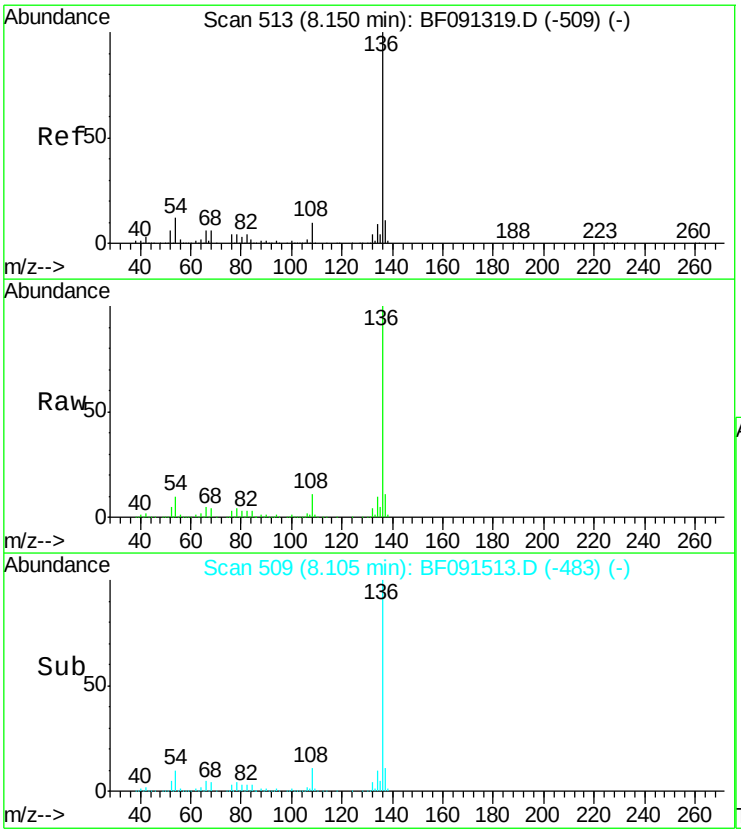
#7
Phenol-d6
Concen: 37.01 ng
RT: 6.45 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 462800

Ion	Ratio	Lower	Upper
99	100		
42	23.9	20.6	31.0
71	39.2	29.9	44.9

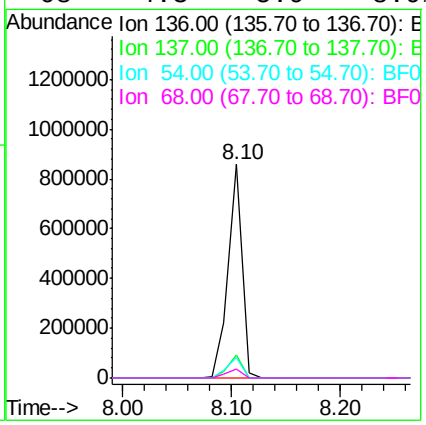


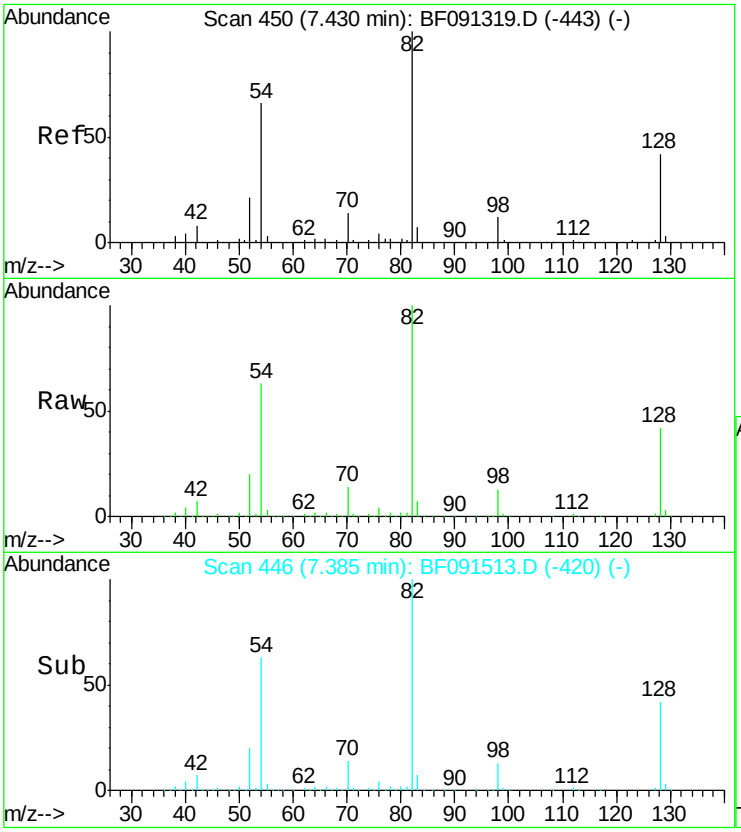


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Tgt Ion:136 Resp: 760105

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.5	9.1	13.7
68	4.3	5.9	8.9#



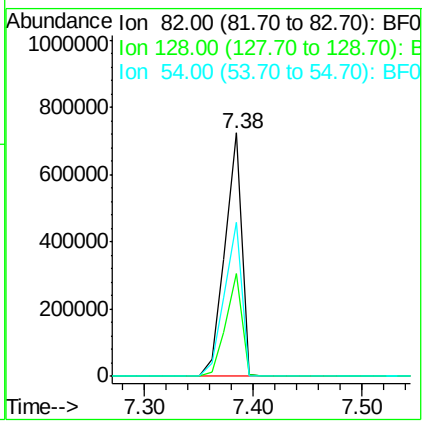


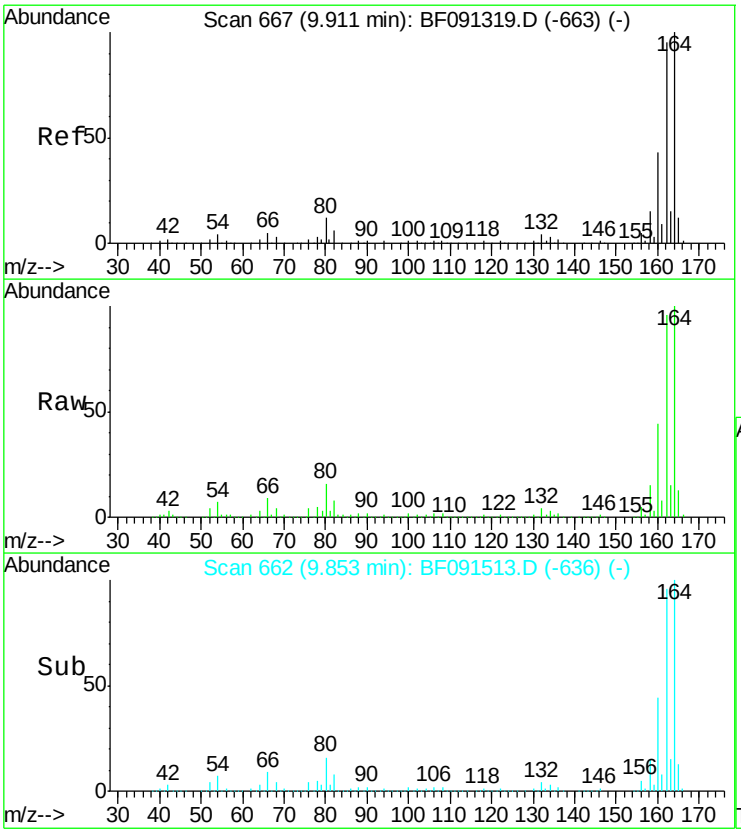
#23
Nitrobenzene-d5
Concen: 57.41 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 778705

Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.8	47.6
54	63.0	49.1	73.7

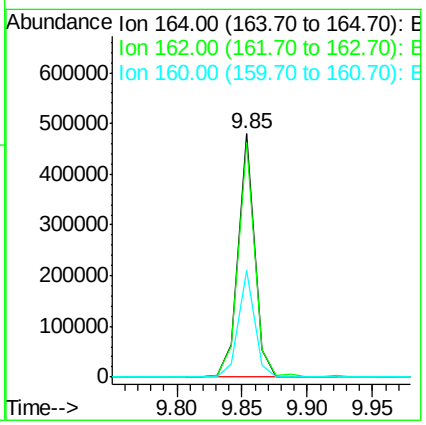


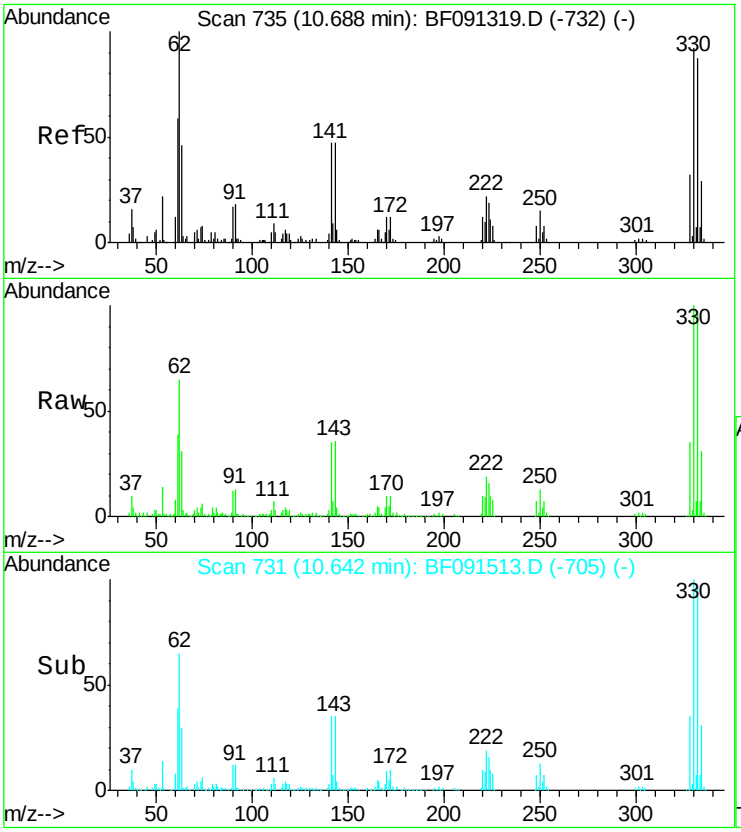


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Tgt Ion:164 Resp: 413716

Ion	Ratio	Lower	Upper
164	100		
162	96.2	82.6	124.0
160	43.7	36.7	55.1



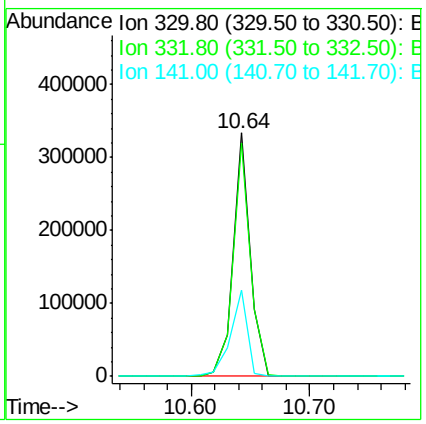


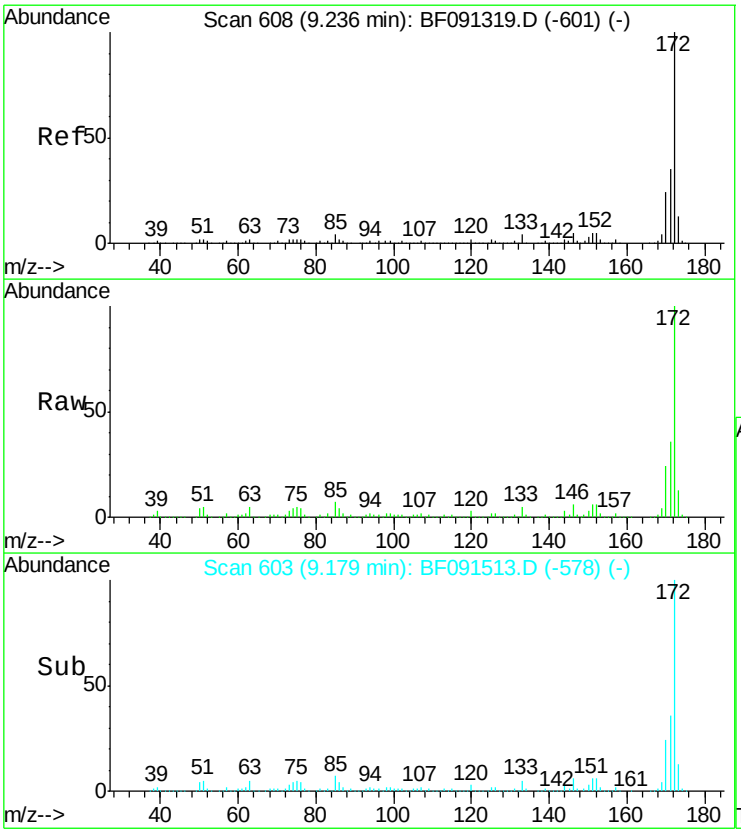
#41
2,4,6-Tribromophenol
Concen: 86.16 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:330 Resp: 337481

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	34.8	33.6	50.4

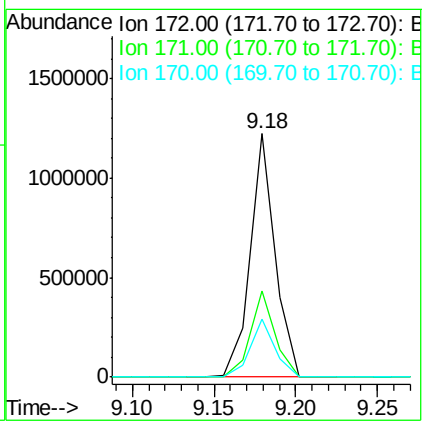


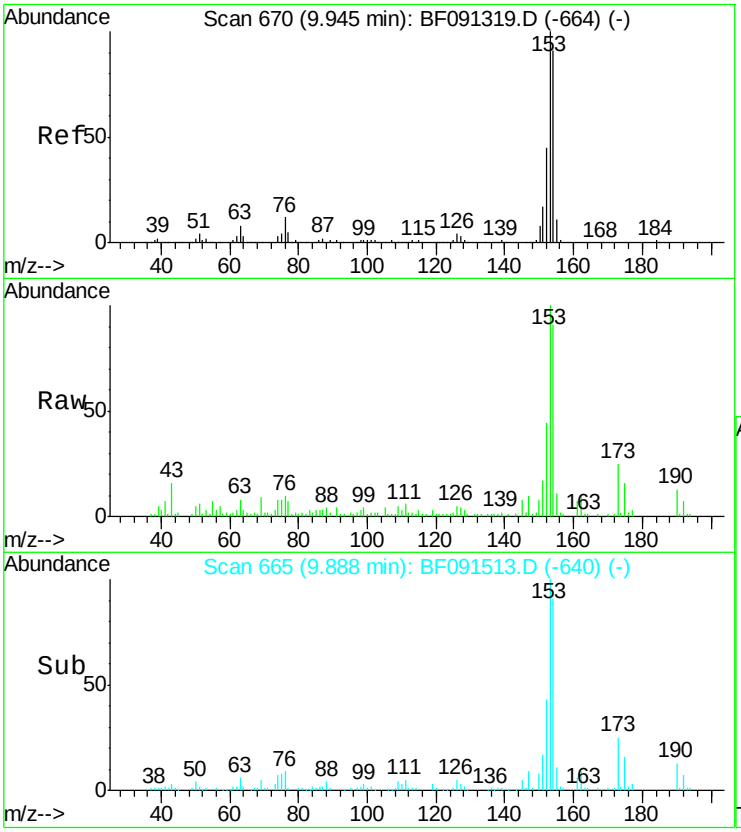


#44
2-Fluorobiphenyl
Concen: 56.53 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Tgt Ion:172 Resp: 1291652

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	23.8	19.7	29.5



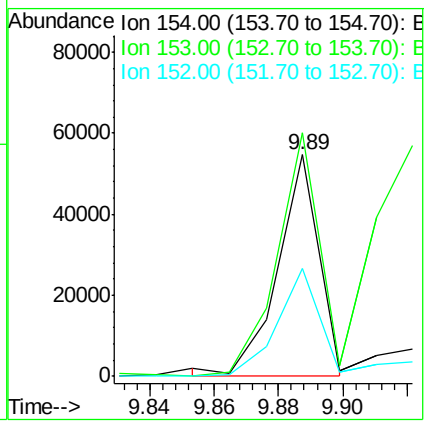


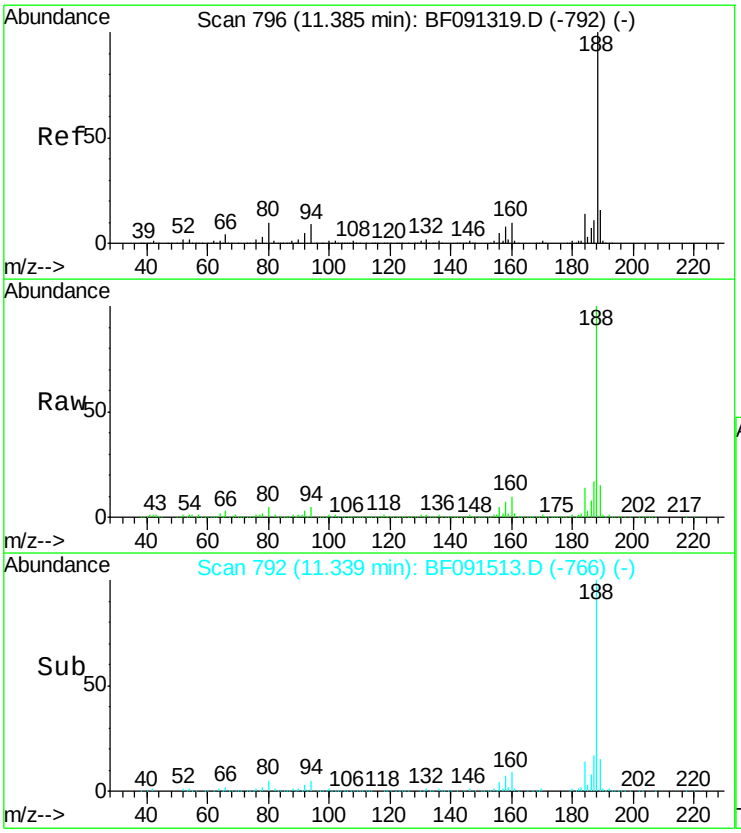
#51
Acenaphthene
Concen: 2.07 ng m
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:154 Resp: 48724

Ion	Ratio	Lower	Upper
154	100		
153	109.8	91.0	136.6
152	48.8	44.2	66.2

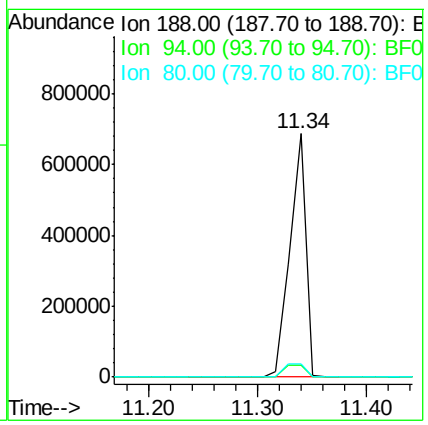


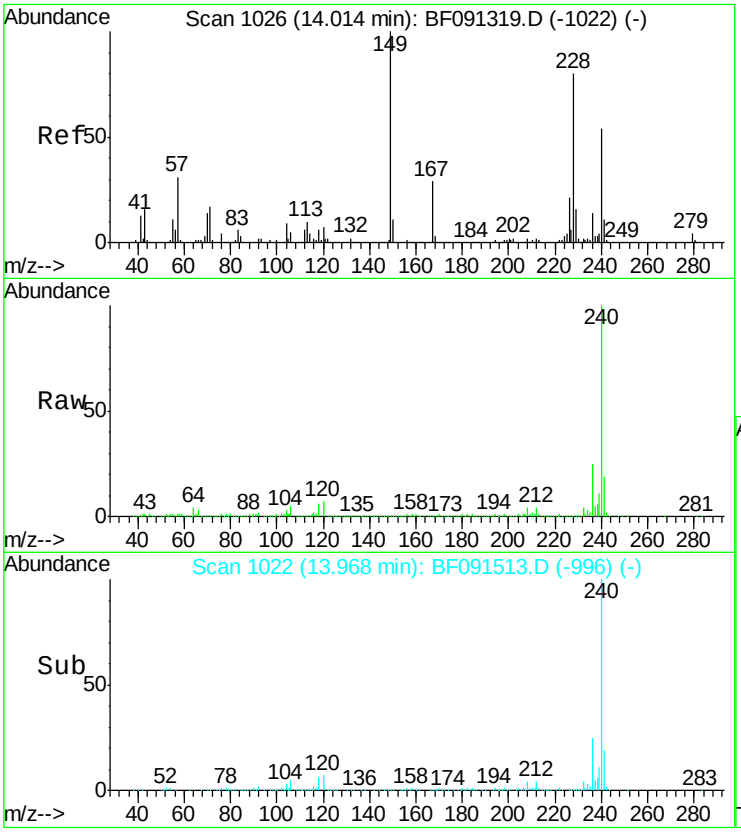


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Tgt Ion:188 Resp: 708021

Ion	Ratio	Lower	Upper
188	100		
94	5.1	9.2	13.8#
80	5.3	10.5	15.7#



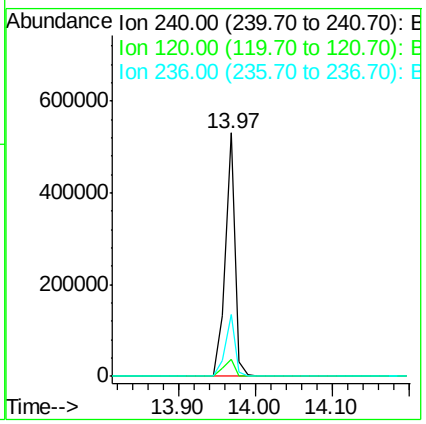


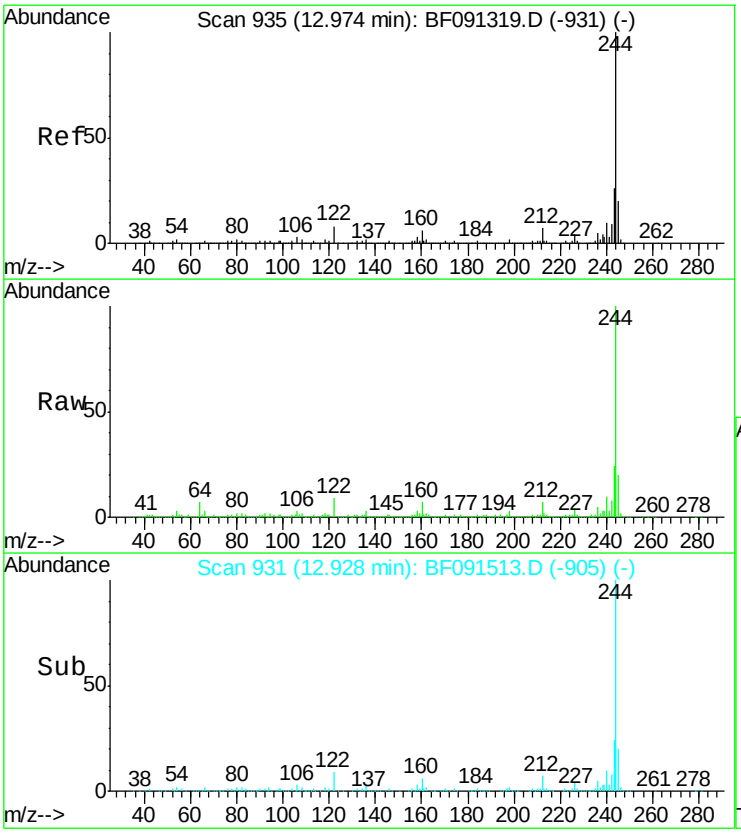
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:240 Resp: 486153

Ion	Ratio	Lower	Upper
240	100		
120	7.2	12.1	18.1#
236	25.5	21.0	31.6

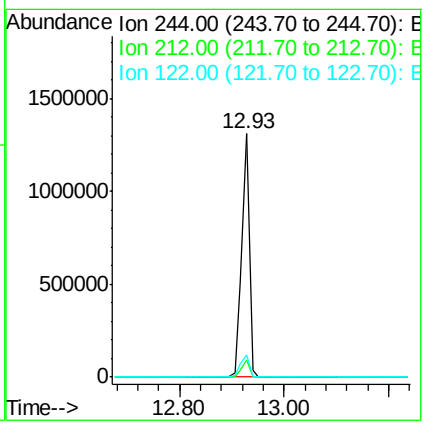


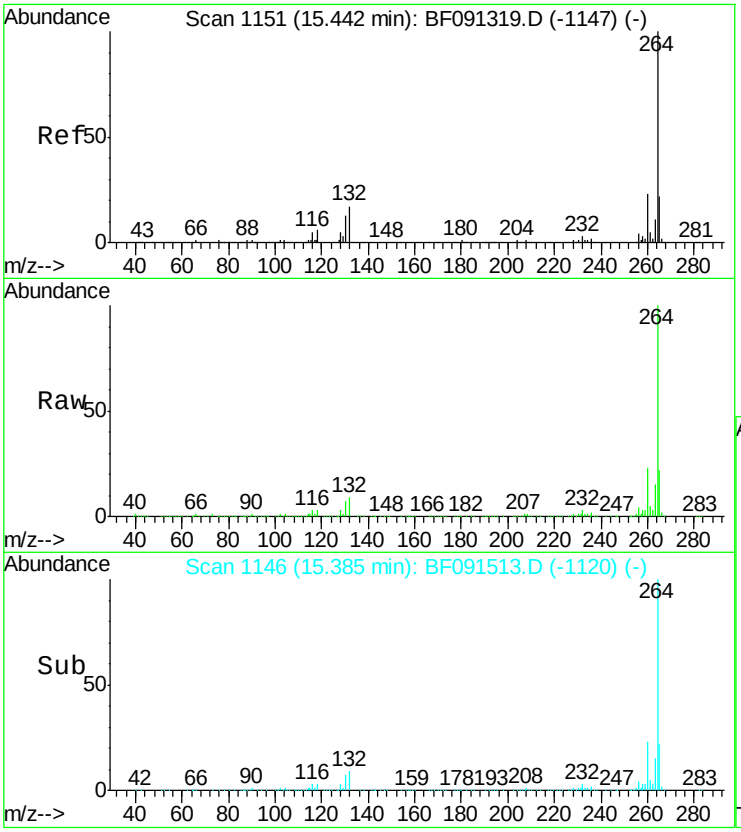


#78
Terphenyl-d14
Concen: 58.24 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Tgt Ion:244 Resp: 1302598

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	9.3	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF091513.D
Acq: 8 Dec 2016 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 408385

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.7	17.0	25.6