Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091388.D
Acq On : 2 Dec 2016 12:53
Operator : UM/SJ
Sample : H5801-05DL2 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A-112916DL2

Quant Time: Dec 02 22:13:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	191243	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	735526	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	458765	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	794638	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	600343	20.00	ng	-0.03
86) Perylene-d12	15.44	264	476354	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	27367	2.34	ng	-0.02
7) Phenol-d6	6.48	99	28997	2.01	ng	-0.02
23) Nitrobenzene-d5	7.42	82	60915	4.64	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	24492	5.64	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	111523	4.40	ng	-0.02
78) Terphenyl-d14	12.96	244	124065	4.49	ng	-0.03
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.81	122	55518	4.85	ng	95
31) Naphthalene	8.17	128	1248190	35.71	ng	99
37) 2-Methylnaphthalene	8.86	142	438693	18.47	ng	94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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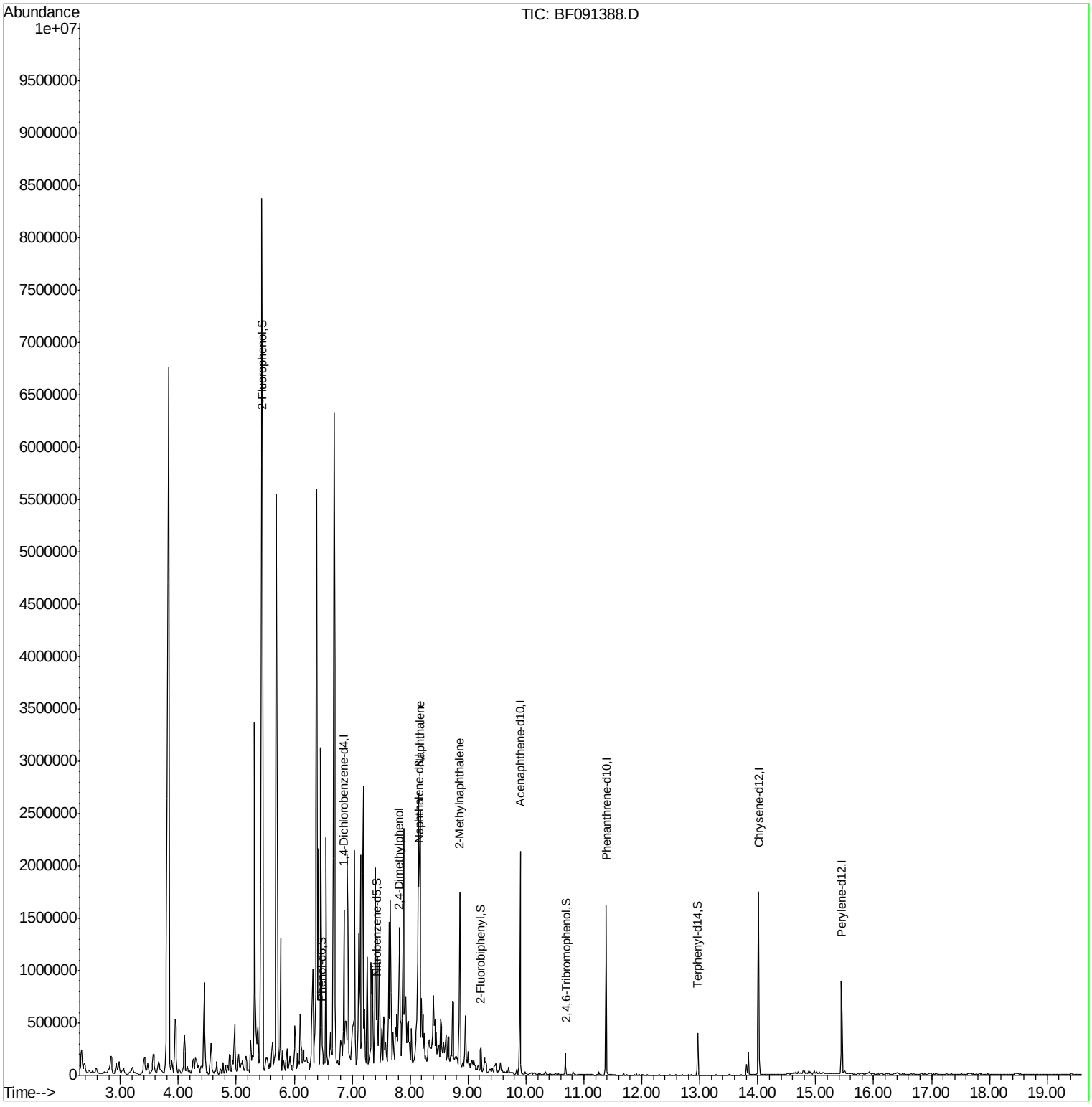
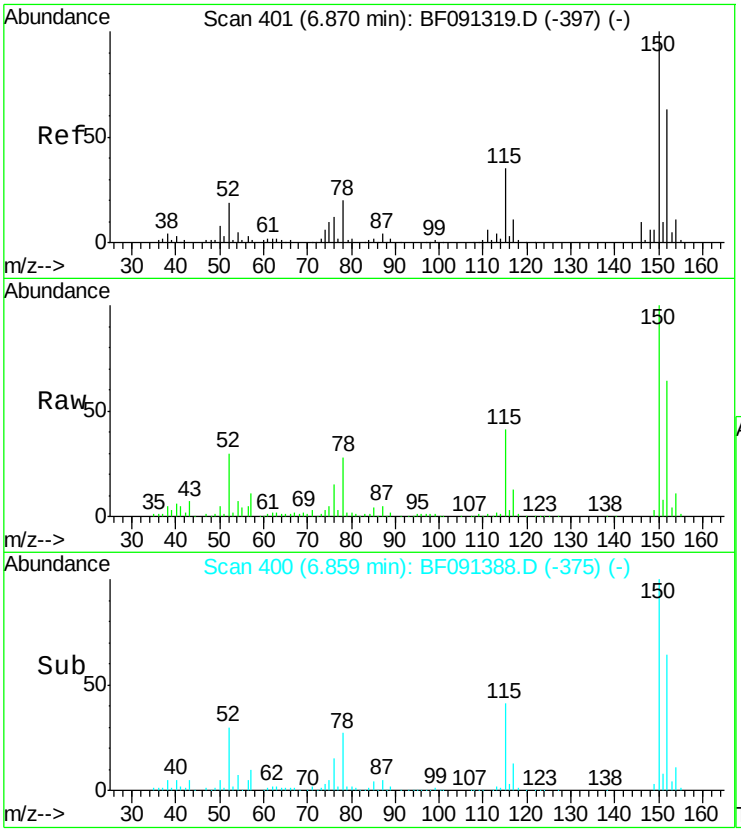


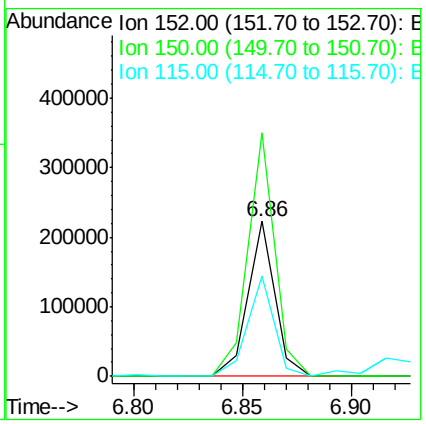


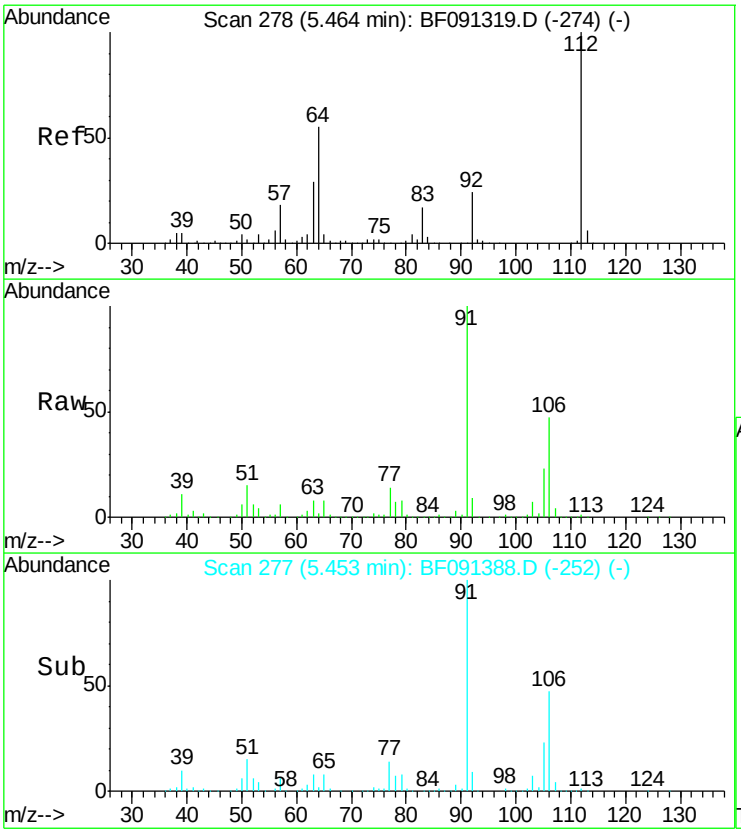
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Instrument :
BNA_F
ClientSampleId :
MW-5A-112916DL2

Tgt Ion:152 Resp: 191243

Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.5	183.7
115	64.3	51.8	77.8

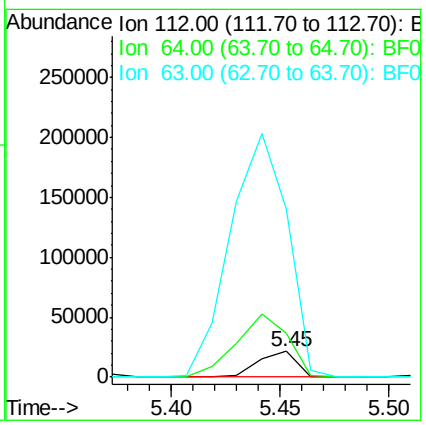


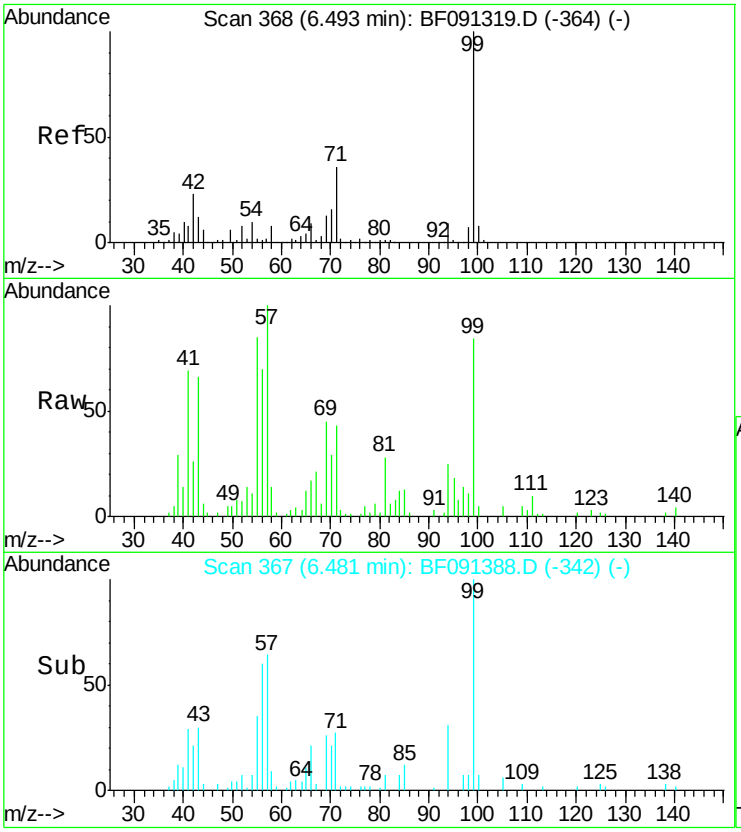


#5
2-Fluorophenol
Concen: 2.34 ng
RT: 5.45 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Tgt Ion:112 Resp: 27367

Ion	Ratio	Lower	Upper
112	100		
64	169.3	61.5	92.3#
63	649.3	33.3	49.9#



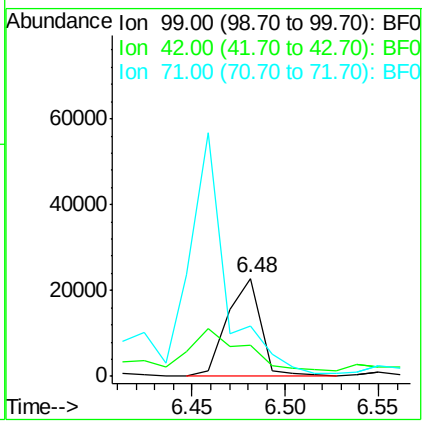


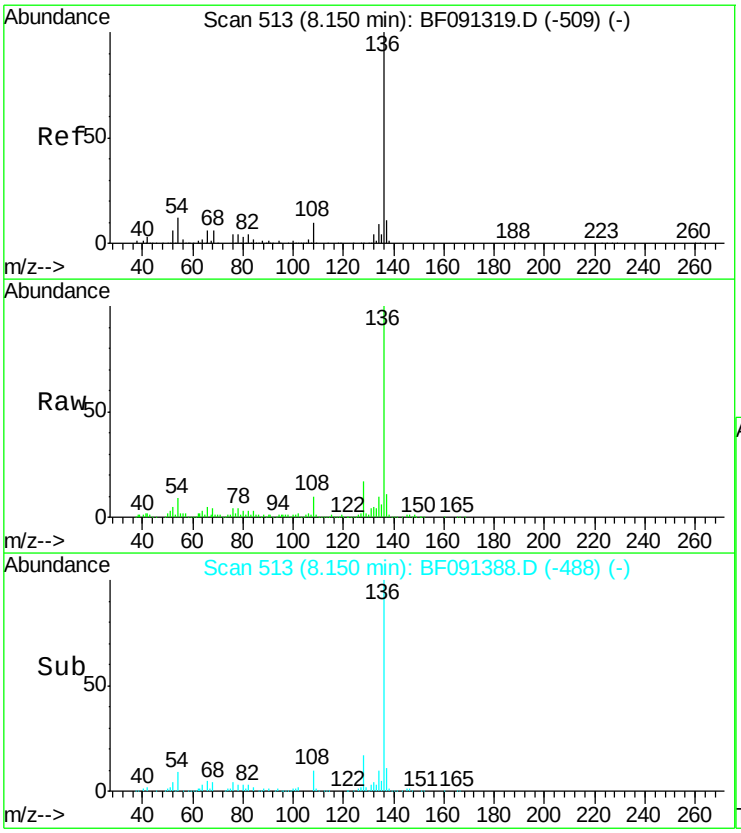
#7
Phenol-d6
Concen: 2.01 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.02 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Instrument :
BNA_F
ClientSampleId :
MW-5A-112916DL2

Tgt Ion: 99 Resp: 28997

Ion	Ratio	Lower	Upper
99	100		
42	31.3	20.6	31.0#
71	51.8	29.9	44.9#

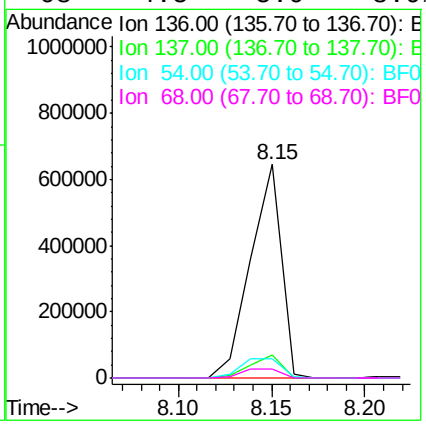


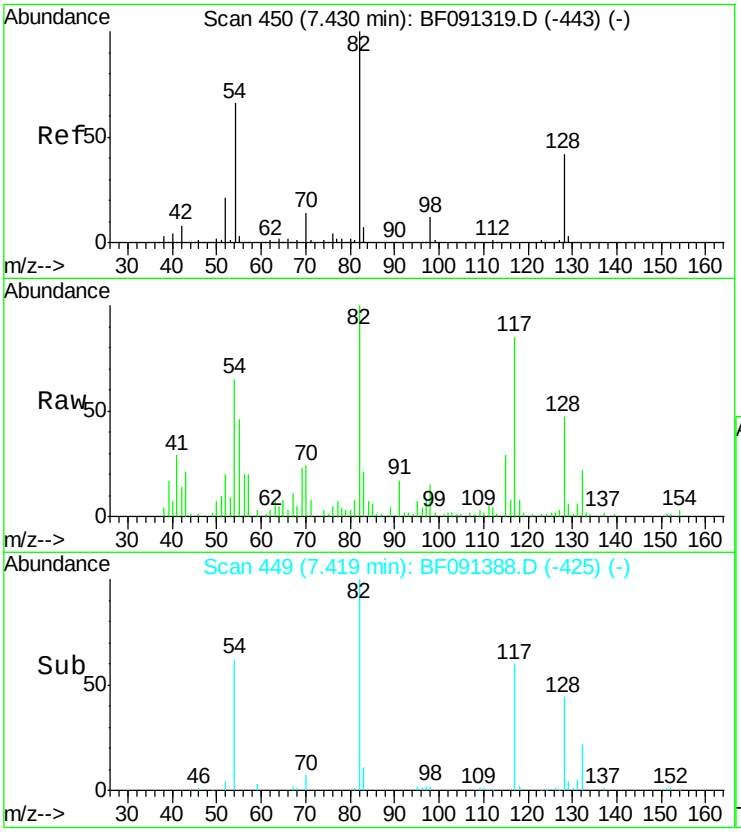


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Tgt Ion:136 Resp: 735526

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.8	9.1	13.7#
68	4.5	5.9	8.9#



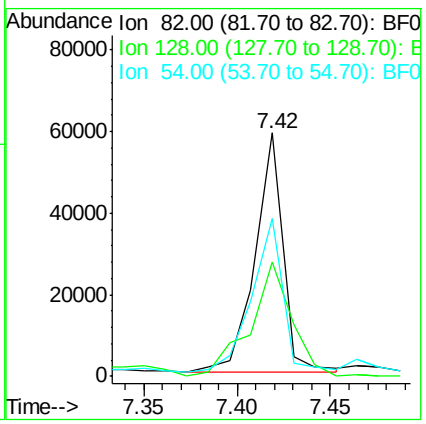


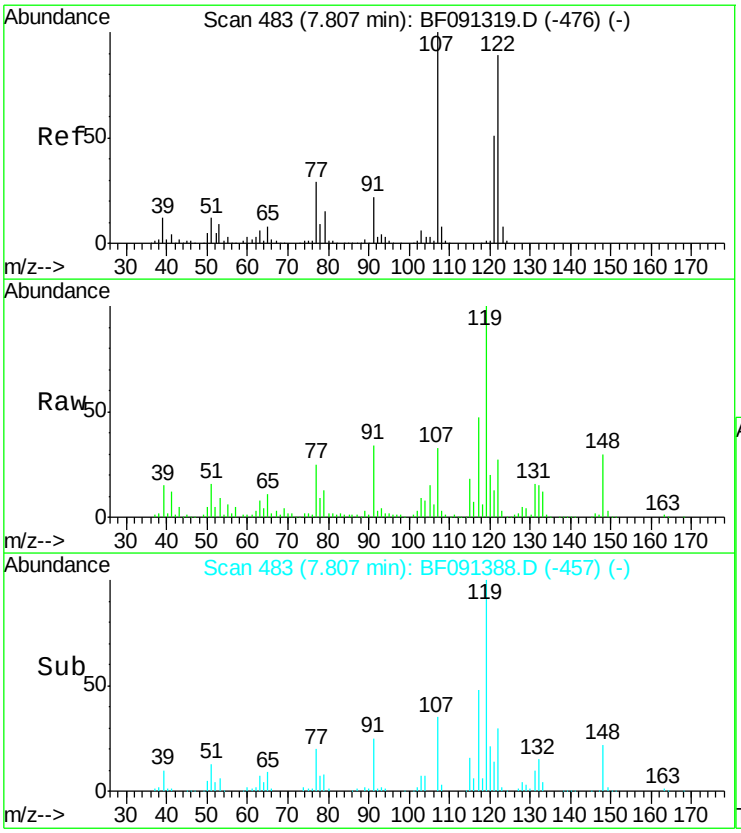
#23
Nitrobenzene-d5
Concen: 4.64 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Instrument :
BNA_F
ClientSampleId :
MW-5A-112916DL2

Tgt Ion: 82 Resp: 60915

Ion	Ratio	Lower	Upper
82	100		
128	46.9	31.8	47.6
54	65.1	49.1	73.7

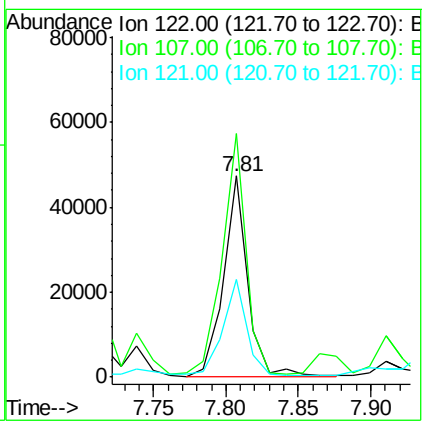


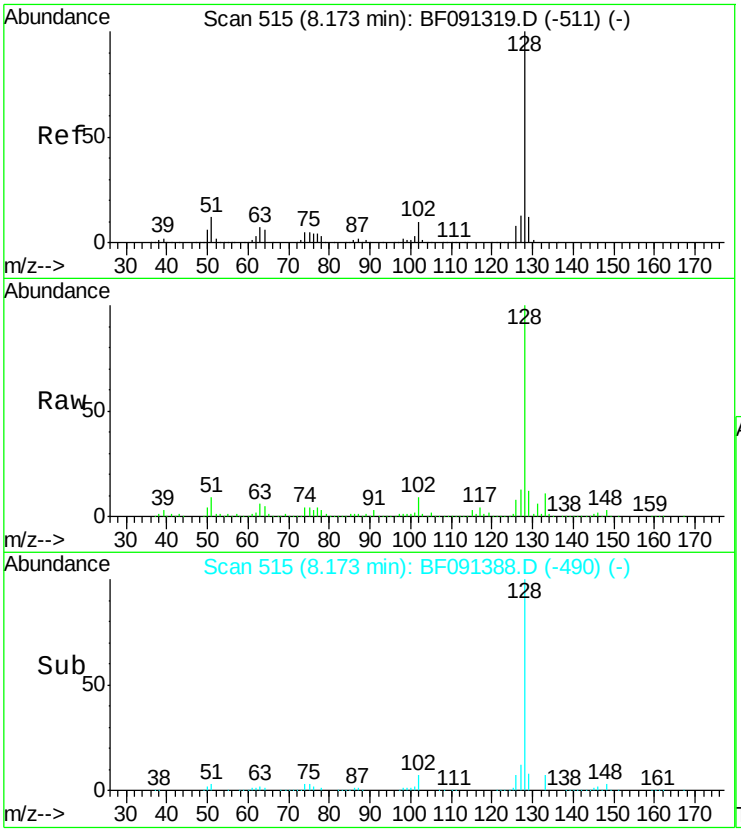


#27
2,4-Dimethylphenol
Concen: 4.85 ng
RT: 7.81 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Tgt Ion:122 Resp: 55518

Ion	Ratio	Lower	Upper
122	100		
107	121.0	96.8	145.2
121	48.2	47.7	71.5



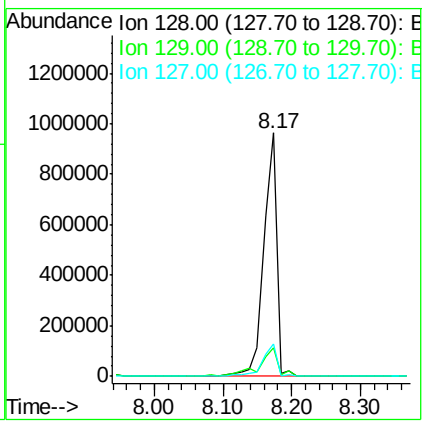


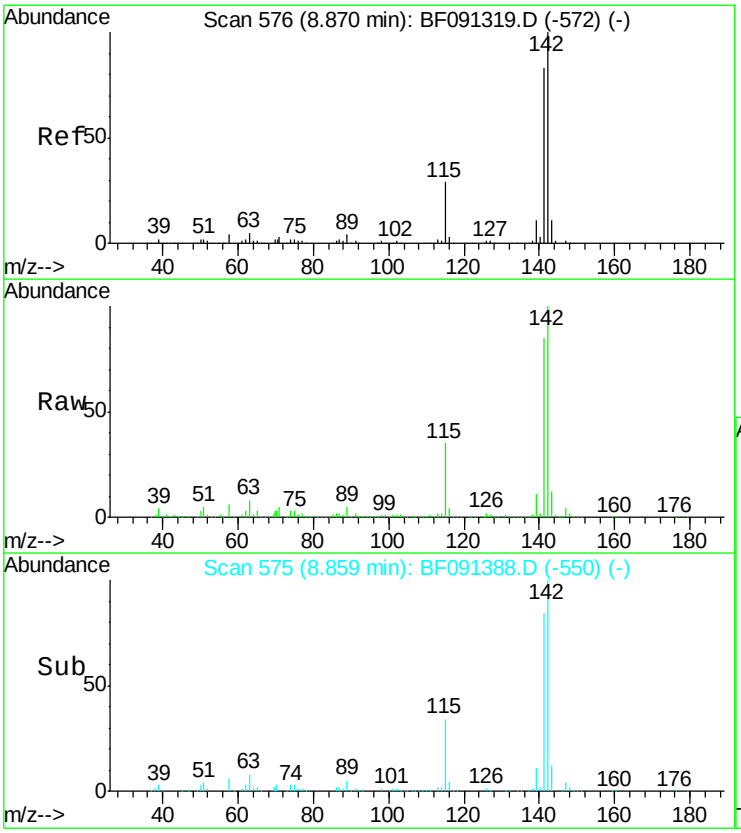
#31
Naphthalene
Concen: 35.71 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Instrument :
BNA_F
ClientSampleId :
MW-5A-112916DL2

Tgt Ion:128 Resp: 1248190

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.2	11.0	16.4

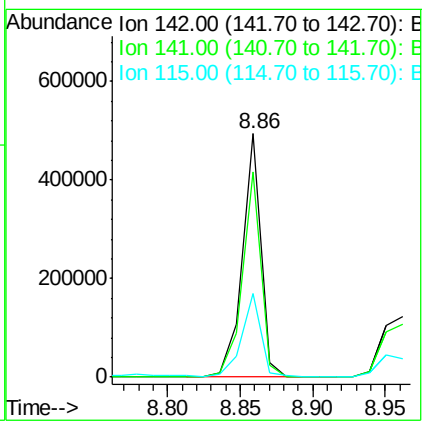


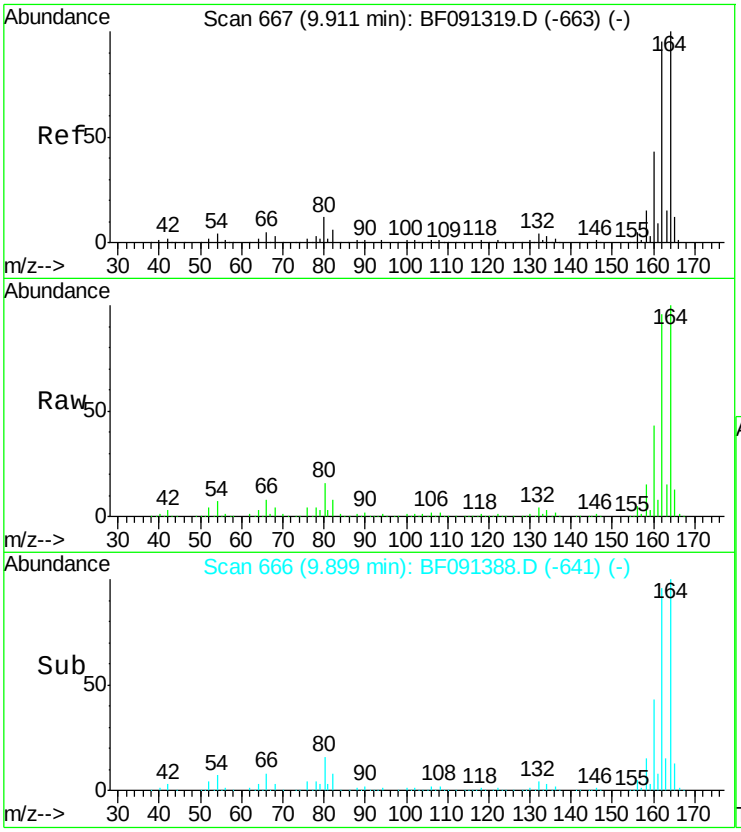


#37
2-Methylnaphthalene
Concen: 18.47 ng
RT: 8.86 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Tgt Ion:142 Resp: 438693

Ion	Ratio	Lower	Upper
142	100		
141	84.5	71.7	107.5
115	34.6	25.0	37.6



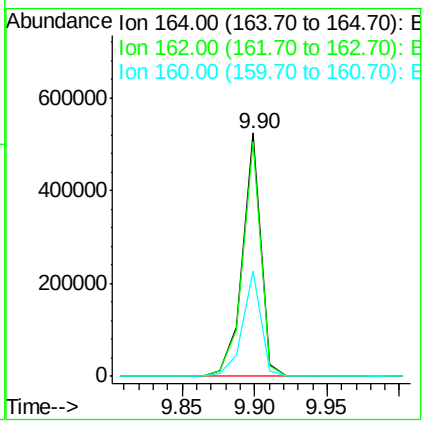


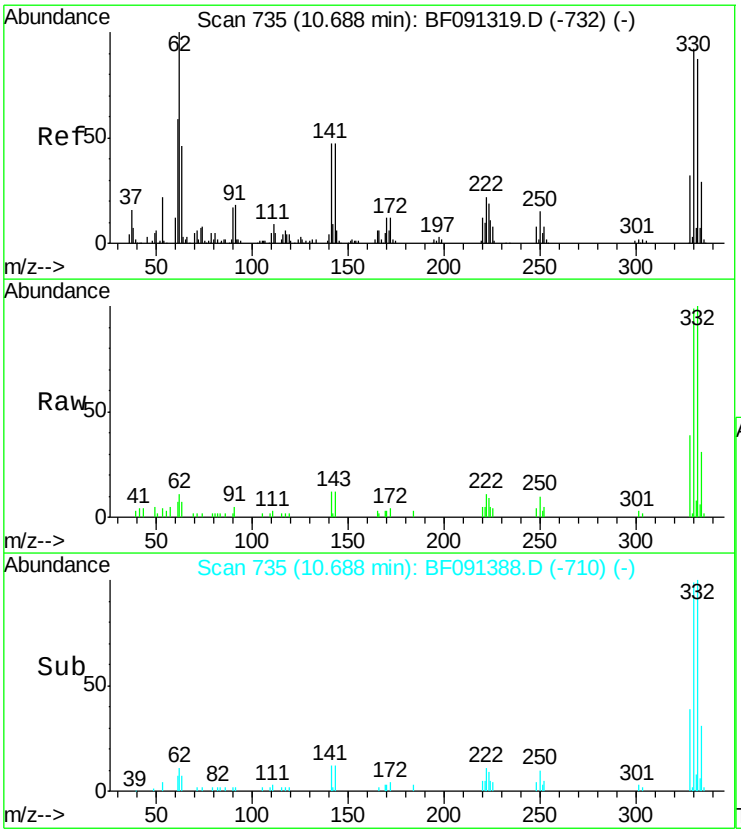
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Instrument :
BNA_F
ClientSampleId :
MW-5A-112916DL2

Tgt Ion:164 Resp: 458765

Ion	Ratio	Lower	Upper
164	100		
162	96.4	82.6	124.0
160	43.3	36.7	55.1

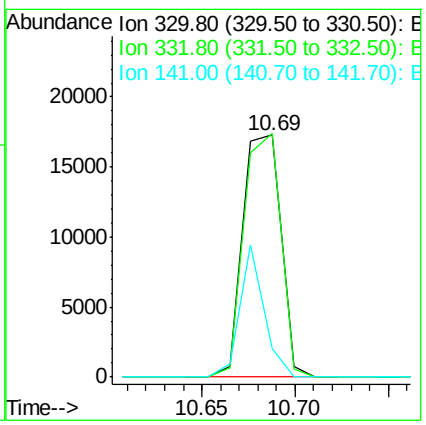


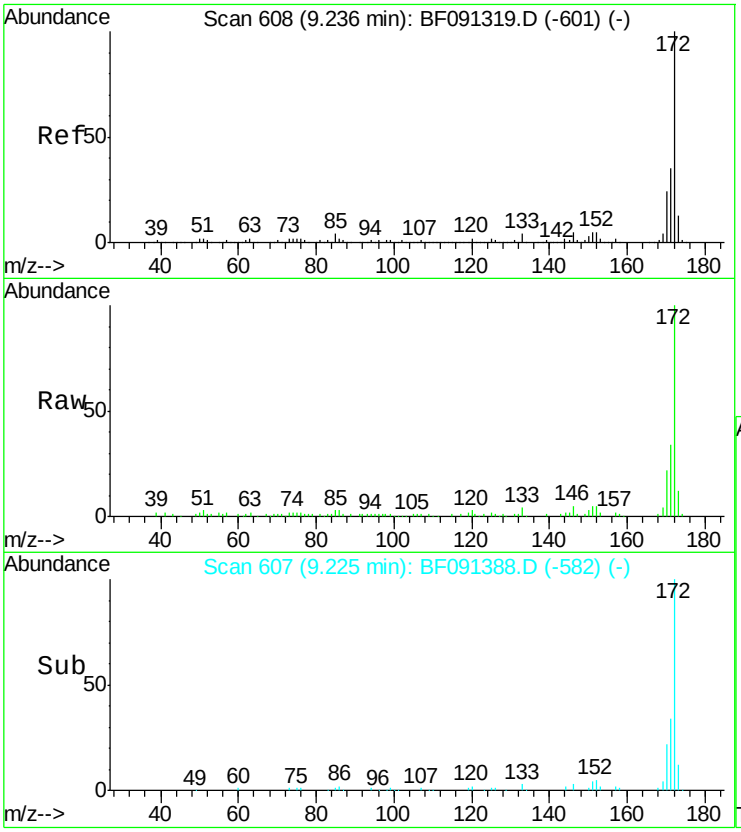


#41
2,4,6-Tribromophenol
Concen: 5.64 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Tgt Ion:330 Resp: 24492

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	34.7	33.6	50.4



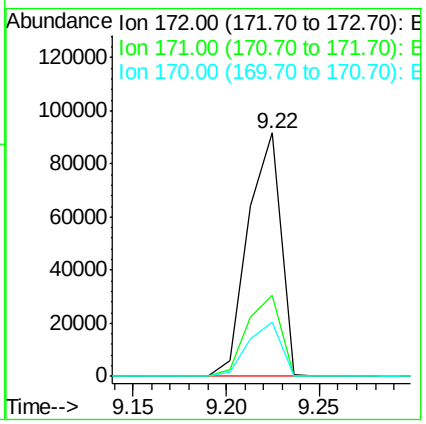


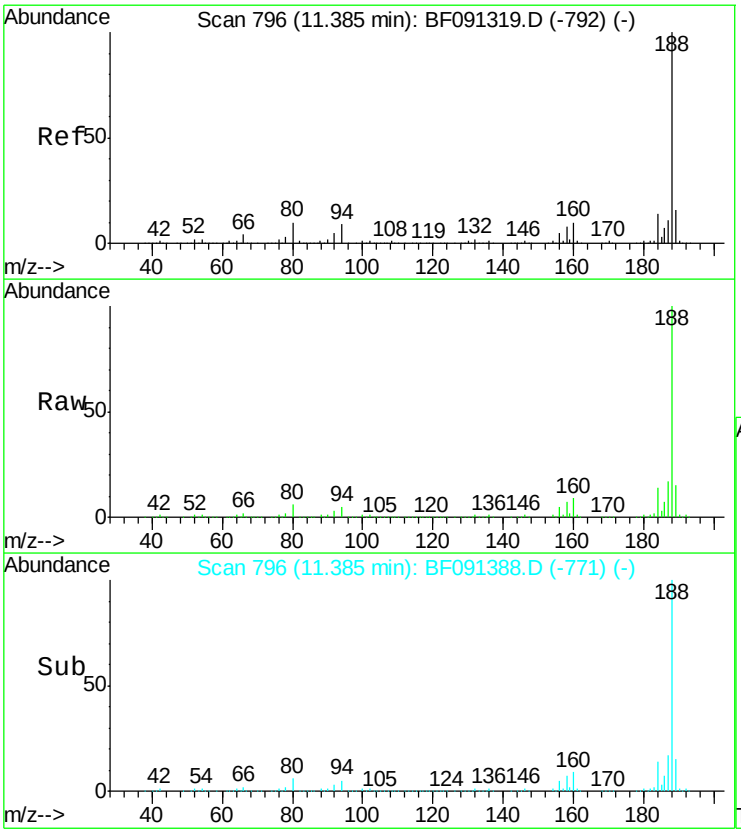
#44
2-Fluorobiphenyl
Concen: 4.40 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Instrument :
BNA_F
ClientSampleId :
MW-5A-112916DL2

Tgt Ion:172 Resp: 111523

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.4	44.0
170	22.5	19.7	29.5

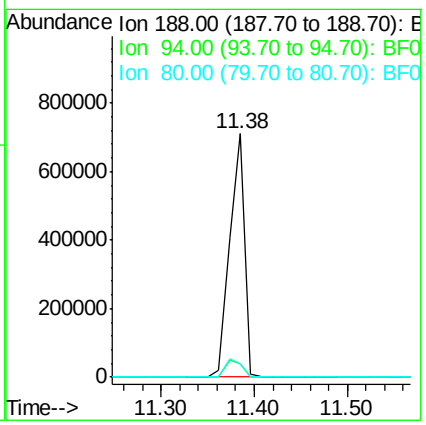


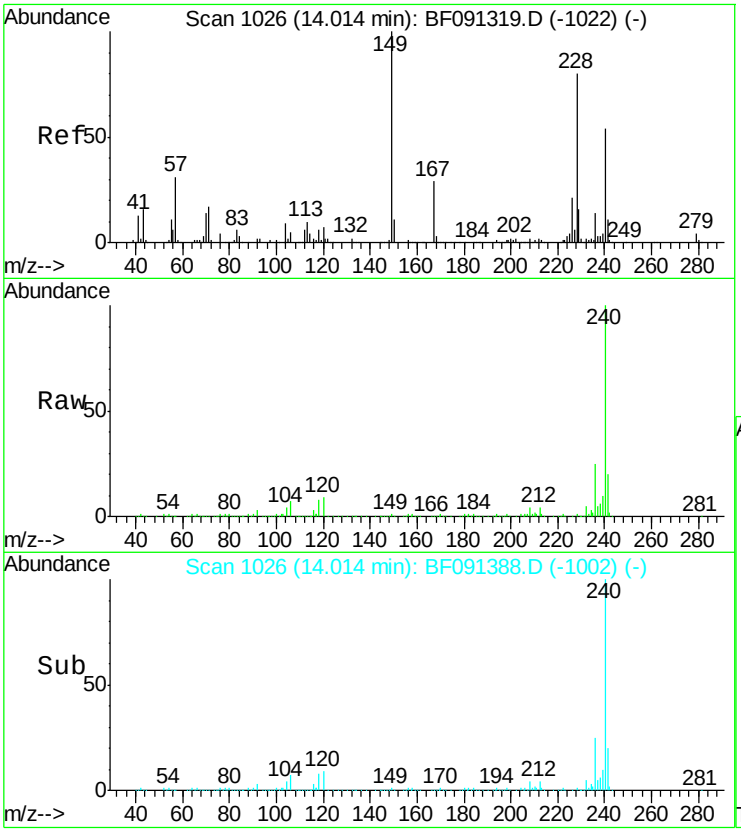


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Tgt Ion:188 Resp: 794638

Ion	Ratio	Lower	Upper
188	100		
94	5.4	9.2	13.8#
80	5.7	10.5	15.7#



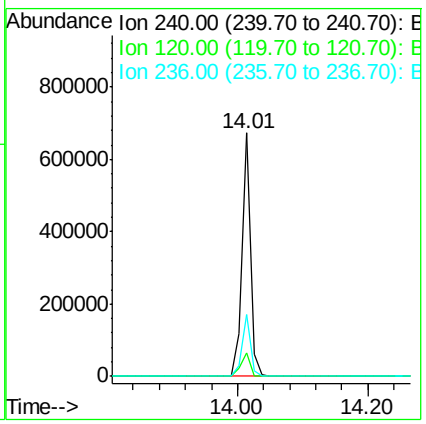


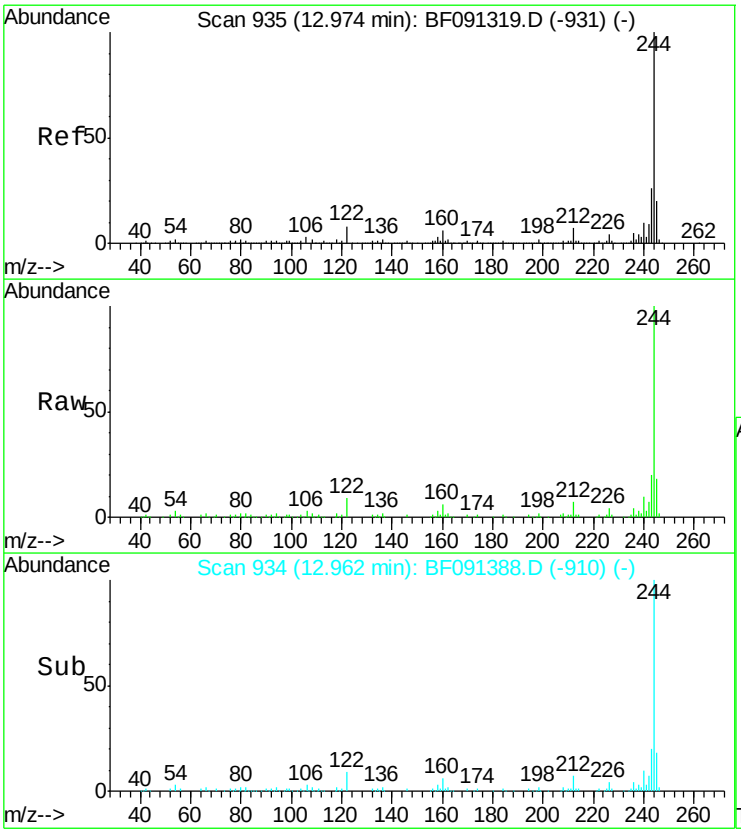
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Instrument :
BNA_F
ClientSampleId :
MW-5A-112916DL2

Tgt Ion:240 Resp: 600343

Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.1	18.1#
236	25.4	21.0	31.6

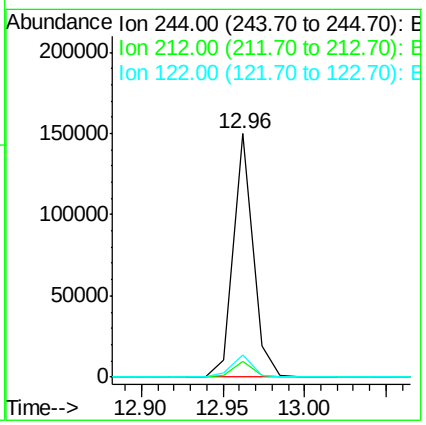


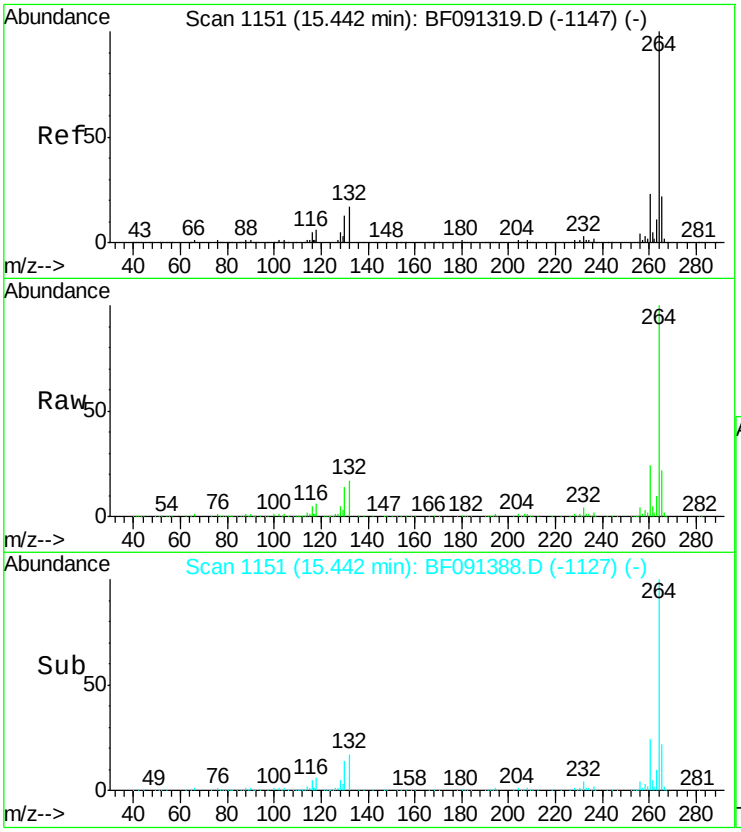


#78
Terphenyl-d14
Concen: 4.49 ng
RT: 12.96 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Tgt Ion:244 Resp: 124065

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	9.1	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091388.D
Acq: 2 Dec 2016 12:53

Instrument :
BNA_F
ClientSampleId :
MW-5A-112916DL2

Tgt Ion:264 Resp: 476354

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.1	17.0	25.6