Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091387.D
Acq On : 2 Dec 2016 9:43
Operator : UM/SJ
Sample : H5801-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Dec 02 22:11:16 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	6.87	152	187027	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	623284	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	442270	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	753226	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	578233	20.00	ng	-0.03
86) Perylene-d12	15.44	264	427704	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	77951	6.81	ng	0.00
7) Phenol-d6	6.49	99	120214	8.53	ng	0.00
23) Nitrobenzene-d5	7.43	82	262191	23.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	125218	29.91	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	525237	21.50	ng	-0.02
78) Terphenyl-d14	12.96	244	527117	19.81	ng	-0.03
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.82	122	224554	23.13	ng	# 90
31) Naphthalene	8.18	128	4688505	158.28	ng	96
37) 2-Methylnaphthalene	8.87	142	1804312	89.66	ng	95

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

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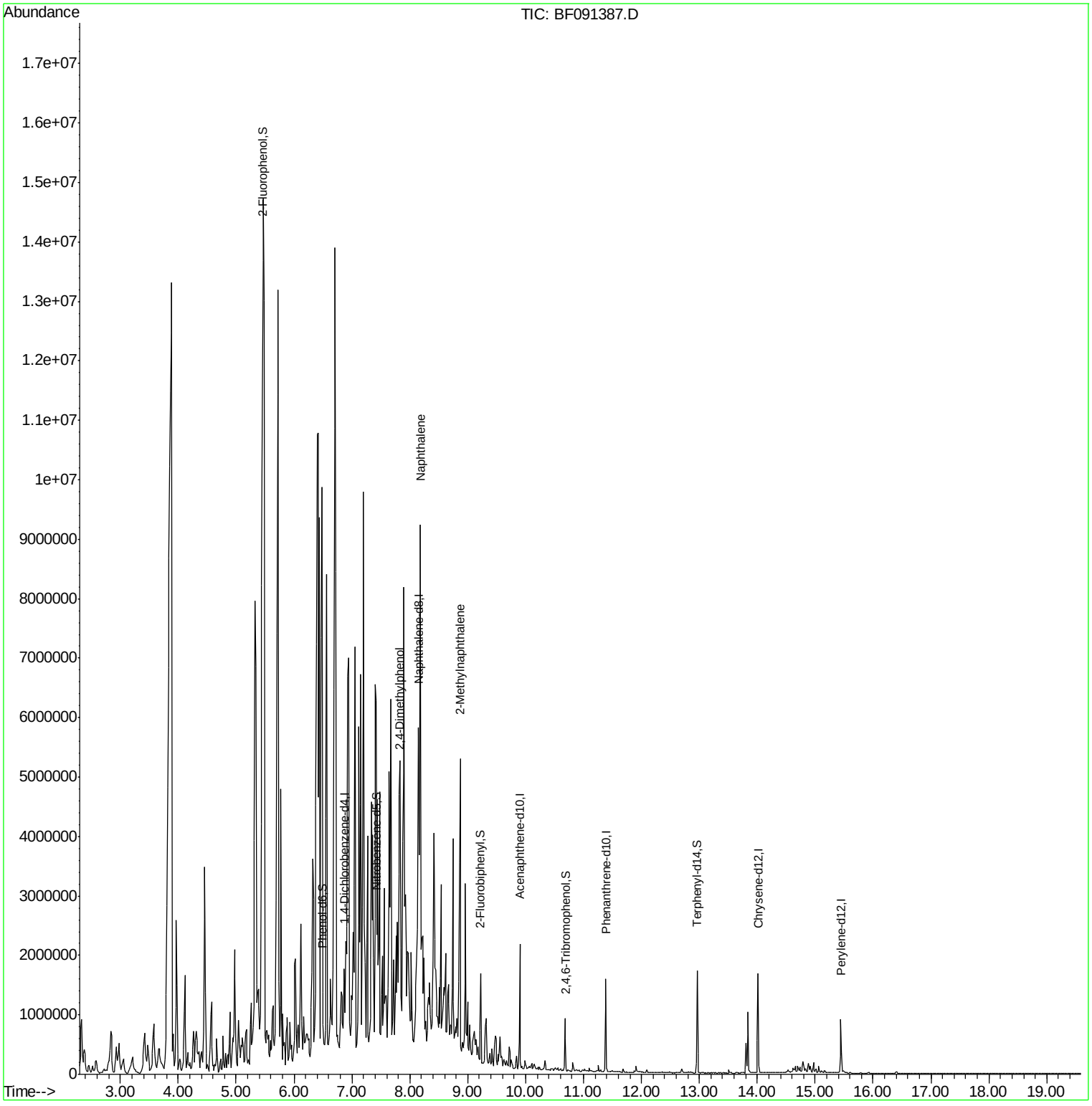
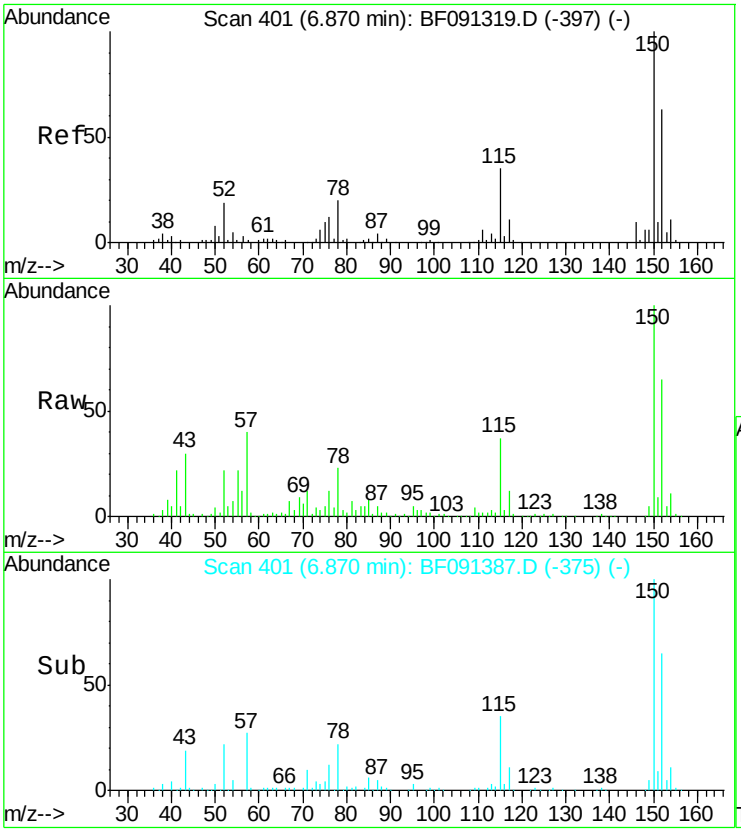


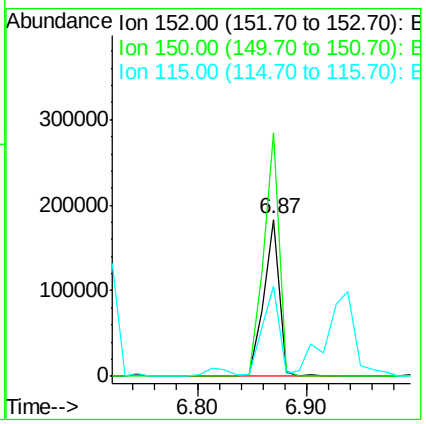


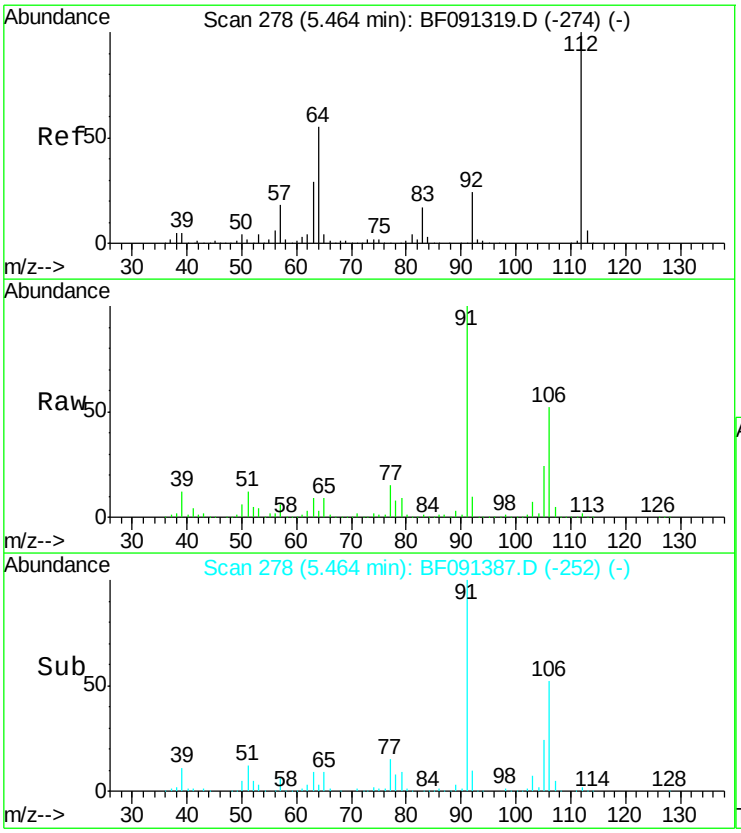
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

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

Tgt Ion:152 Resp: 187027

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.5	183.7
115	57.0	51.8	77.8

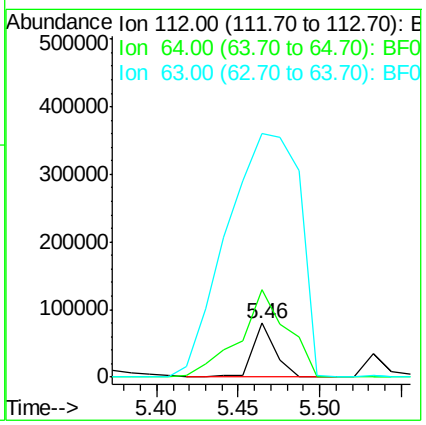


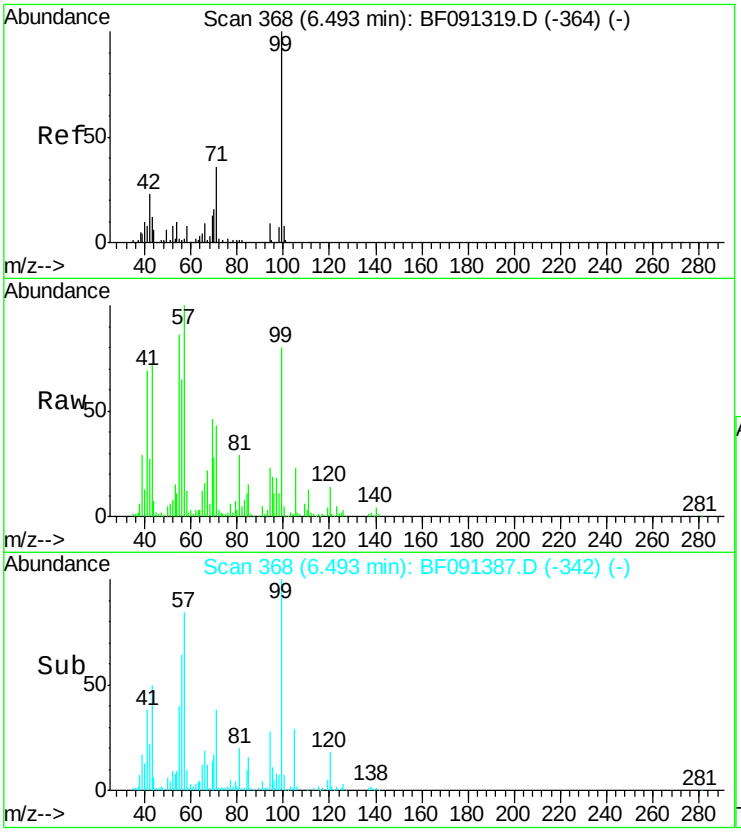


#5
2-Fluorophenol
Concen: 6.81 ng
RT: 5.46 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

Tgt Ion:112 Resp: 77951

Ion	Ratio	Lower	Upper
112	100		
64	162.6	61.5	92.3#
63	450.6	33.3	49.9#



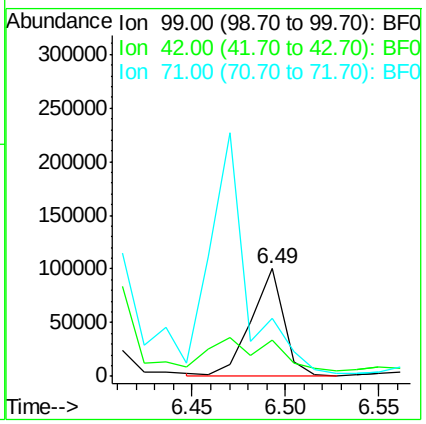


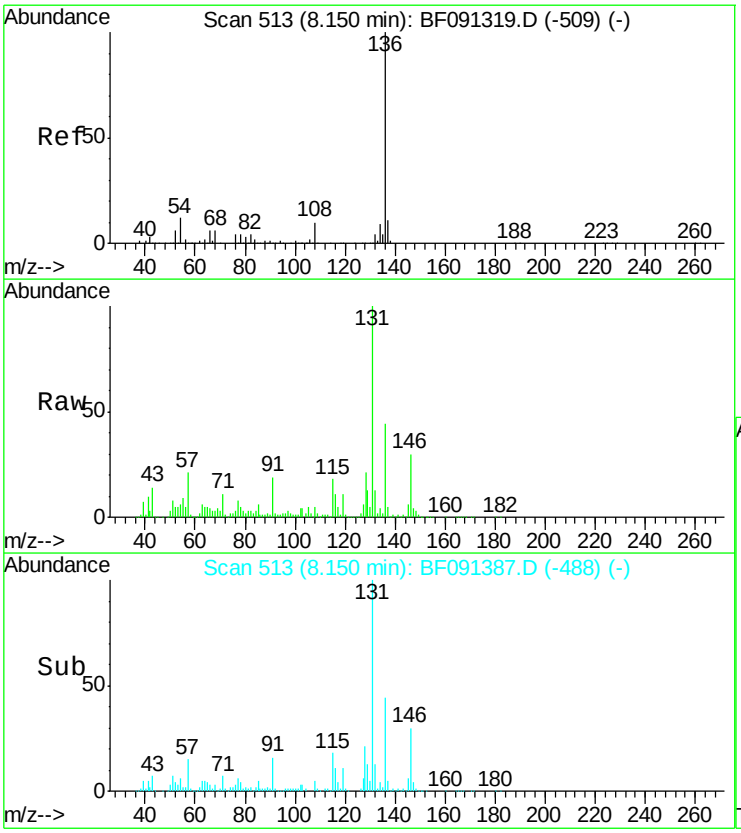
#7
Phenol-d6
Concen: 8.53 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

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

Tgt Ion: 99 Resp: 120214

Ion	Ratio	Lower	Upper
99	100		
42	34.0	20.6	31.0#
71	54.3	29.9	44.9#

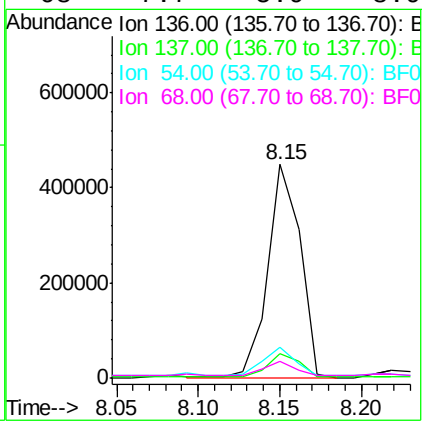


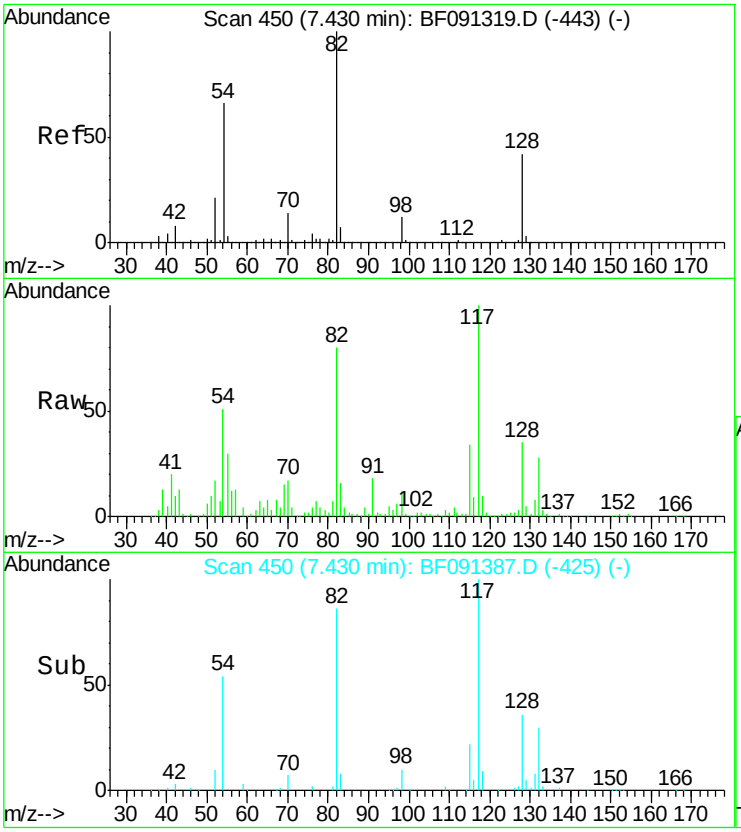


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

Tgt Ion:136 Resp: 623284

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	14.4	9.1	13.7#
68	7.7	5.9	8.9



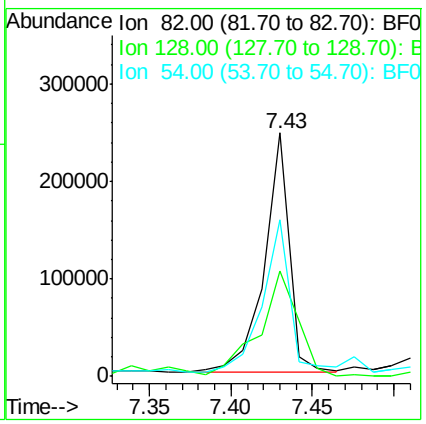


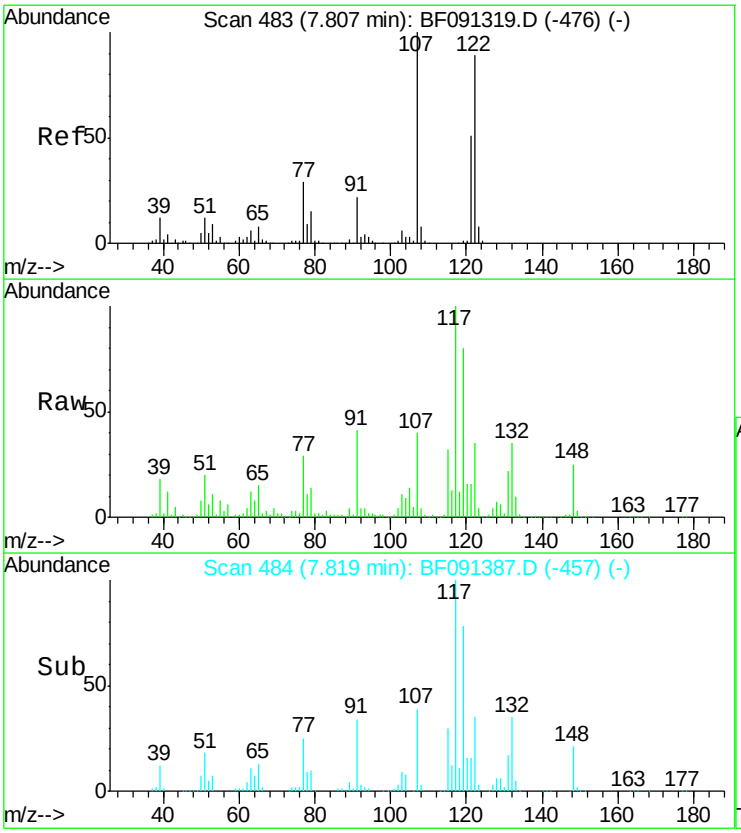
#23
Nitrobenzene-d5
Concen: 23.57 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

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

Tgt Ion: 82 Resp: 262191

Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.8	47.6
54	64.3	49.1	73.7

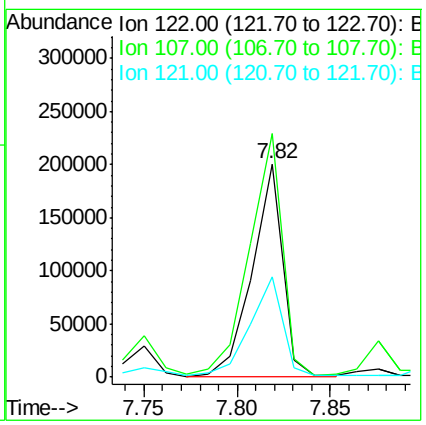


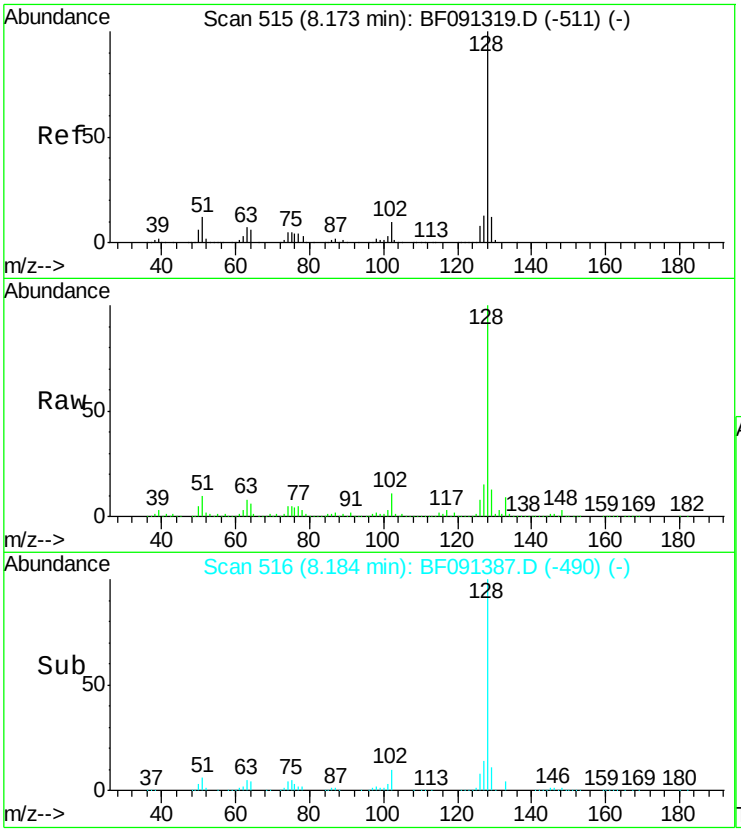


#27
2,4-Dimethylphenol
Concen: 23.13 ng
RT: 7.82 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

Tgt Ion:122 Resp: 224554

Ion	Ratio	Lower	Upper
122	100		
107	114.2	96.8	145.2
121	46.8	47.7	71.5#



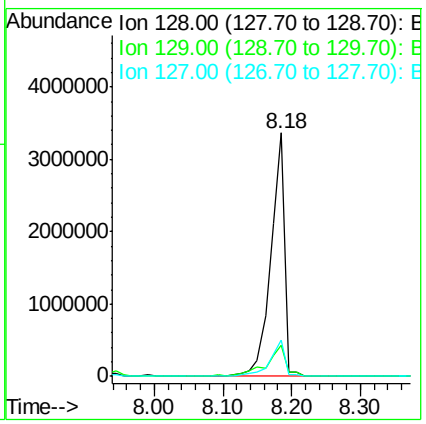


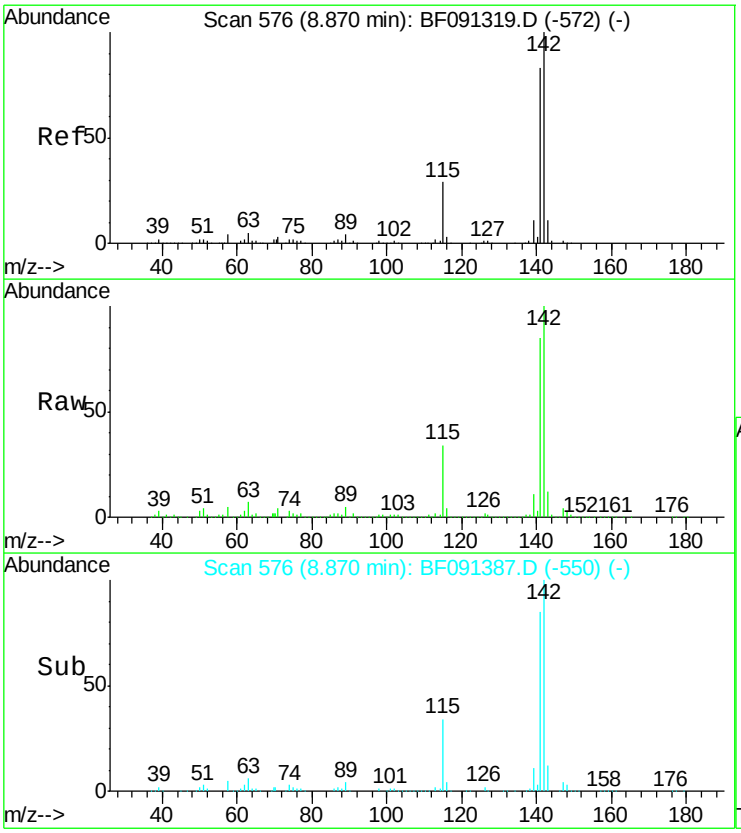
#31
Naphthalene
Concen: 158.28 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

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

Tgt Ion:128 Resp: 4688505

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.1	13.7
127	15.0	11.0	16.4

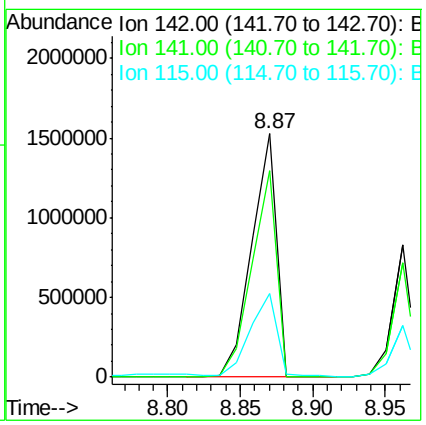


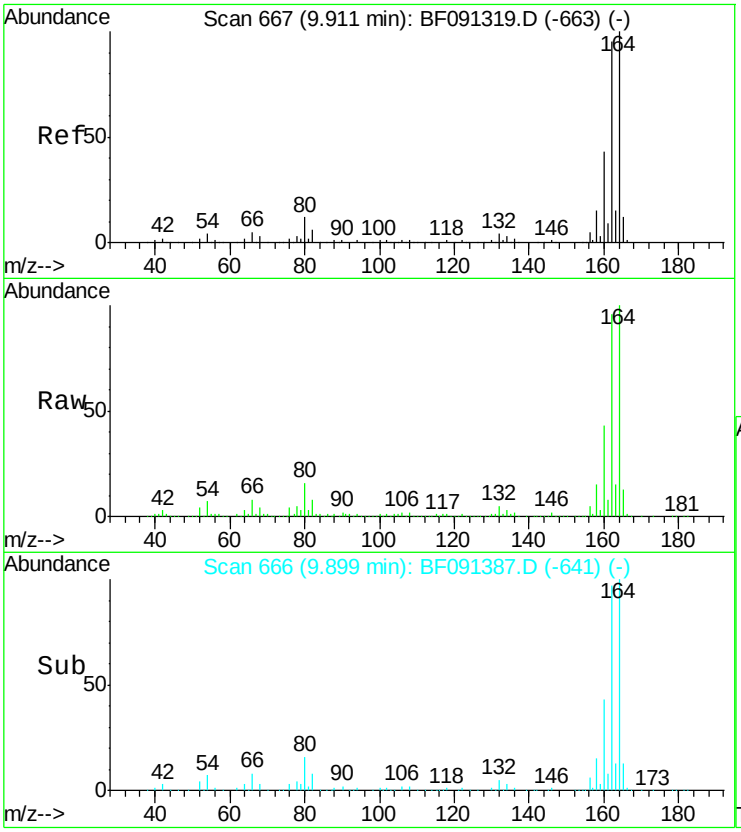


#37
2-Methylnaphthalene
Concen: 89.66 ng
RT: 8.87 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

Tgt Ion:142 Resp: 1804312

Ion	Ratio	Lower	Upper
142	100		
141	84.9	71.7	107.5
115	34.2	25.0	37.6



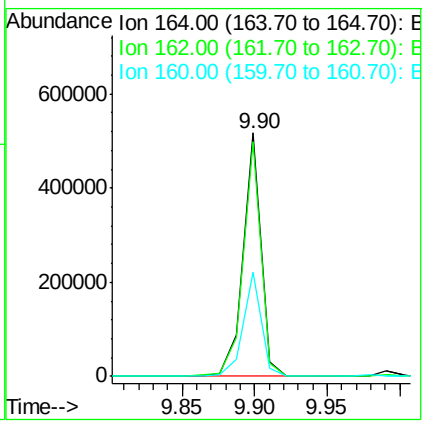


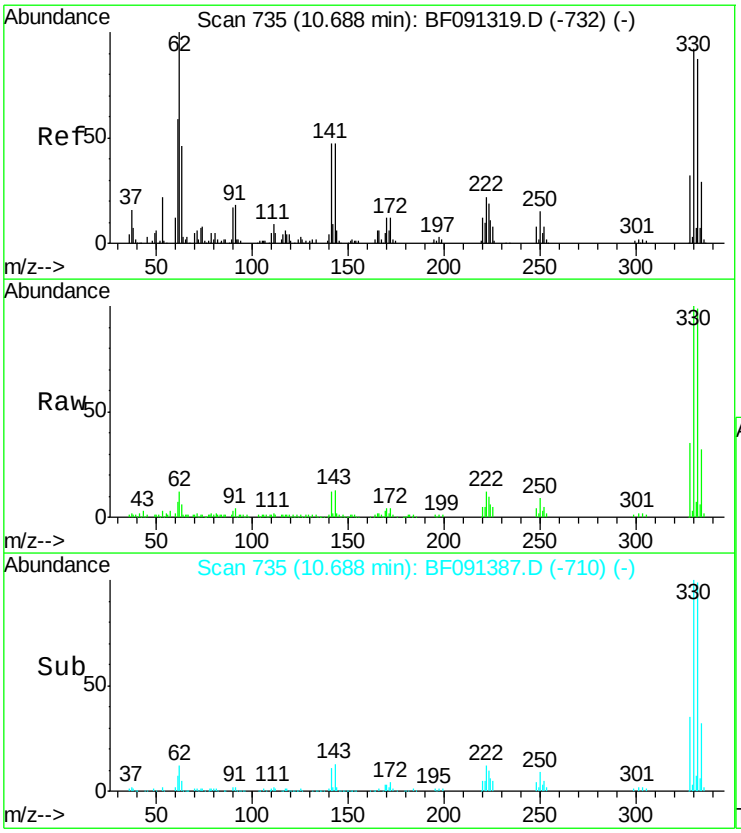
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

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

Tgt Ion:164 Resp: 442270

Ion	Ratio	Lower	Upper
164	100		
162	96.3	82.6	124.0
160	42.9	36.7	55.1

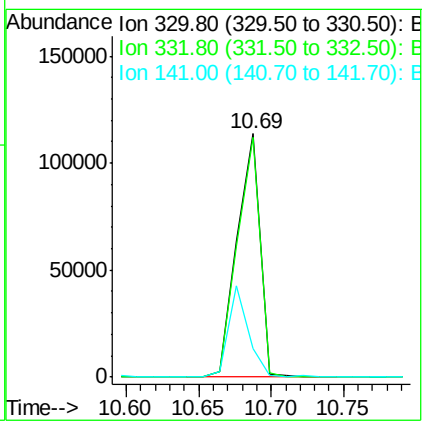


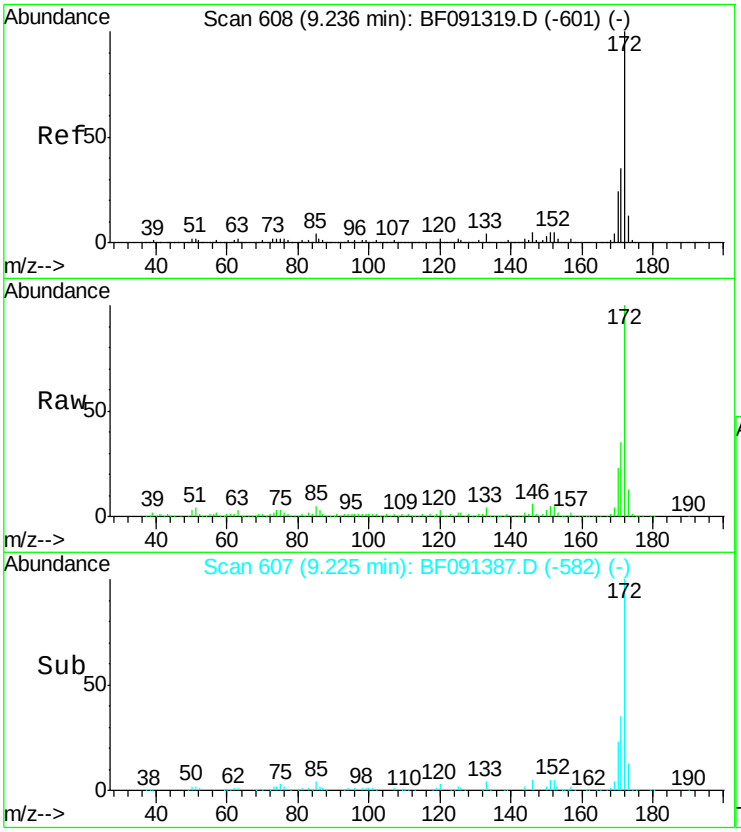


#41
2,4,6-Tribromophenol
Concen: 29.91 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

Tgt Ion:330 Resp: 125218

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.2	114.4
141	33.8	33.6	50.4



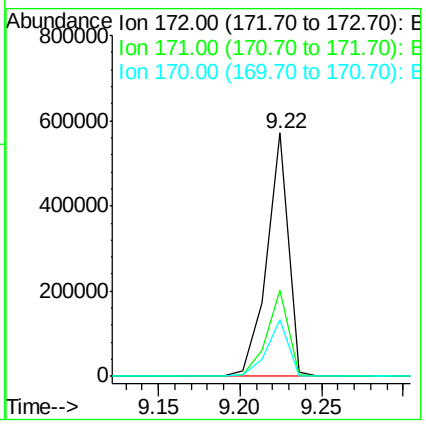


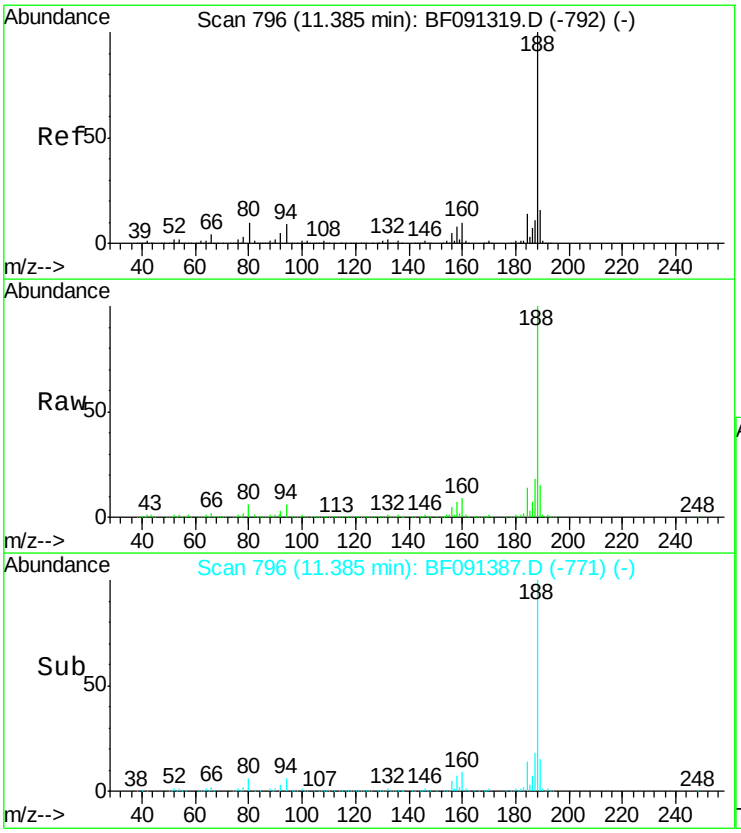
#44
2-Fluorobiphenyl
Concen: 21.50 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

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

Tgt Ion:172 Resp: 525237

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.3	19.7	29.5

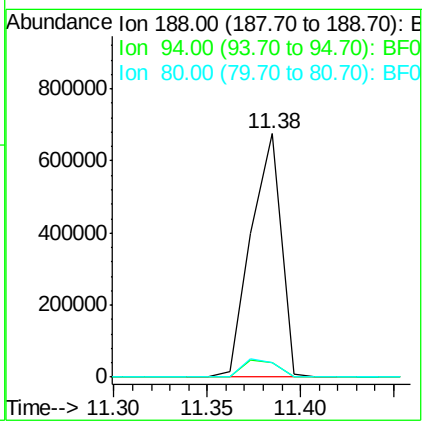


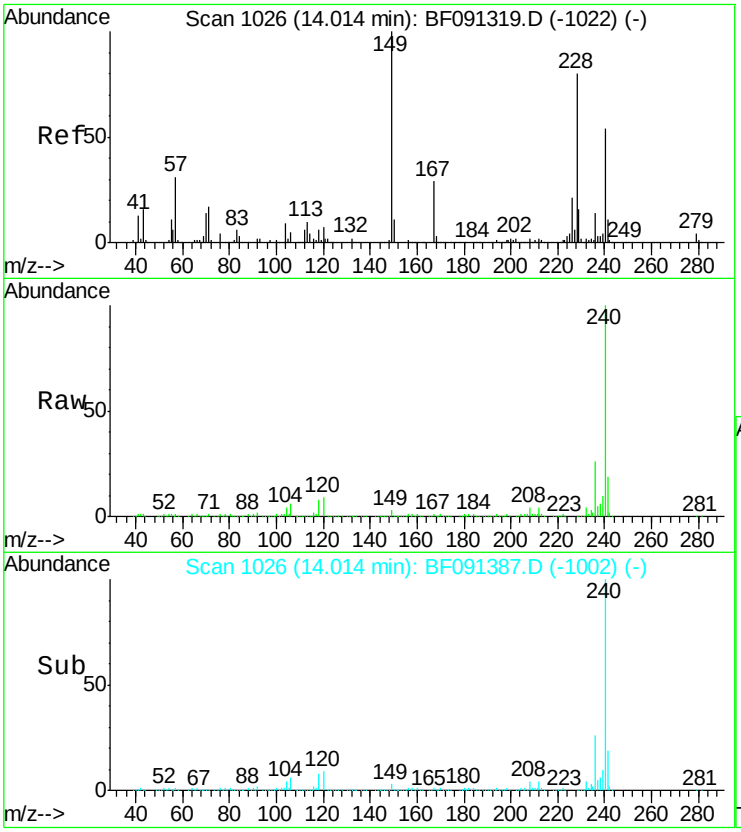


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

Tgt Ion:188 Resp: 753226

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



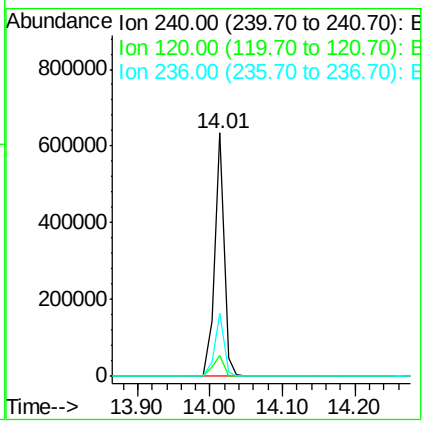


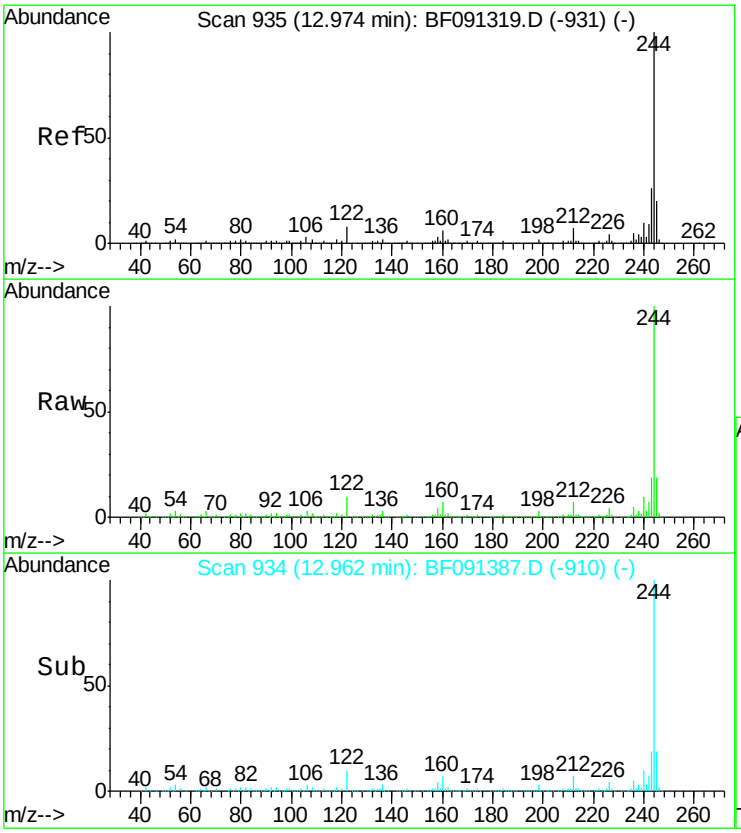
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

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

Tgt Ion:240 Resp: 578233

Ion	Ratio	Lower	Upper
240	100		
120	8.7	12.1	18.1#
236	25.8	21.0	31.6

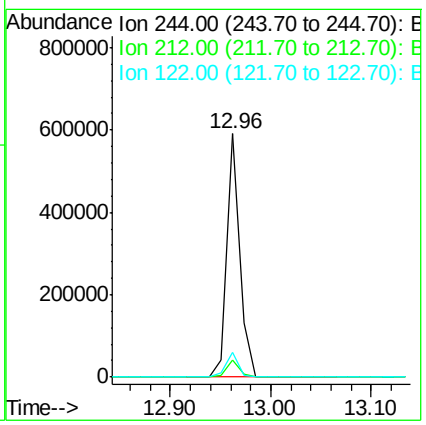


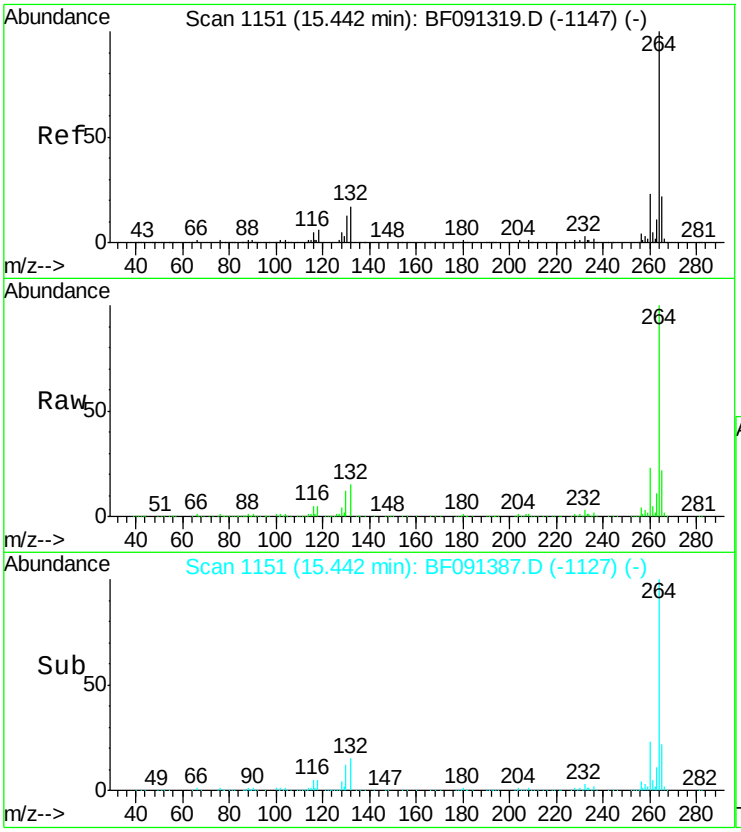


#78
Terphenyl-d14
Concen: 19.81 ng
RT: 12.96 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF091387.D
Acq: 2 Dec 2016 9:43

Tgt Ion:244 Resp: 527117

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	10.4	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: BF091387.D
Acq: 2 Dec 2016 9:43

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

Tgt Ion:264 Resp: 427704

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.6	17.0	25.6