Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091551.D
Acq On : 13 Dec 2016 14:00
Operator : UM/SJ
Sample : H6009-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1M-SF-HL-02

Quant Time: Dec 14 00:41:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	297511	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1268843	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	612646	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	1014428	20.00	ng	0.00
75) Chrysene-d12	13.96	240	813868	20.00	ng	0.00
86) Perylene-d12	15.37	264	675612	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2229695	126.26	ng	0.01
7) Phenol-d6	6.45	99	3104527	141.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	2085721	91.74	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	645295	126.81	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2982581	84.12	ng	-0.01
78) Terphenyl-d14	12.92	244	2811959	78.40	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	123587	4.80	ng	# 67
49) Dimethylphthalate	9.57	163	624252	16.09	ng	99

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

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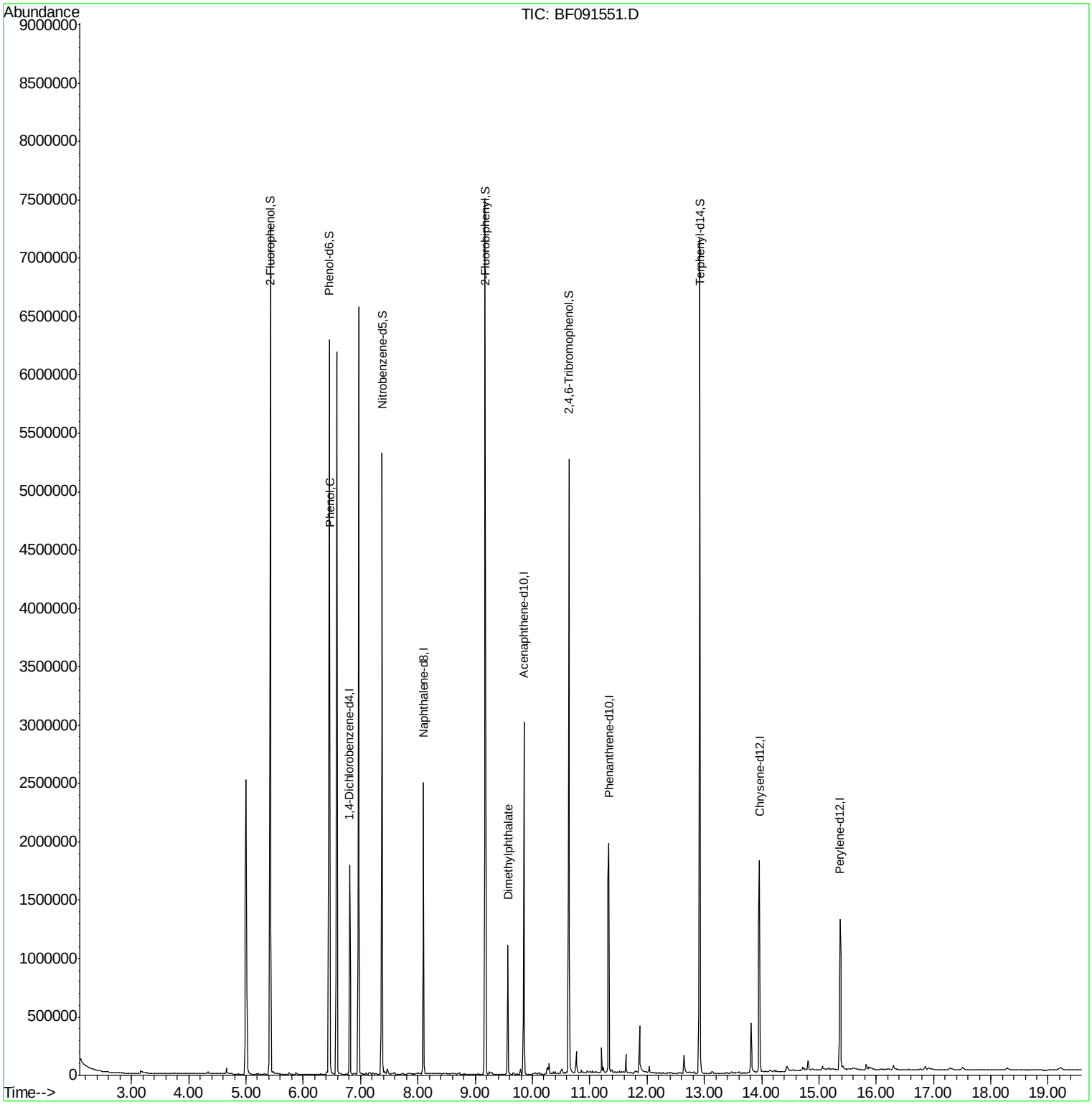
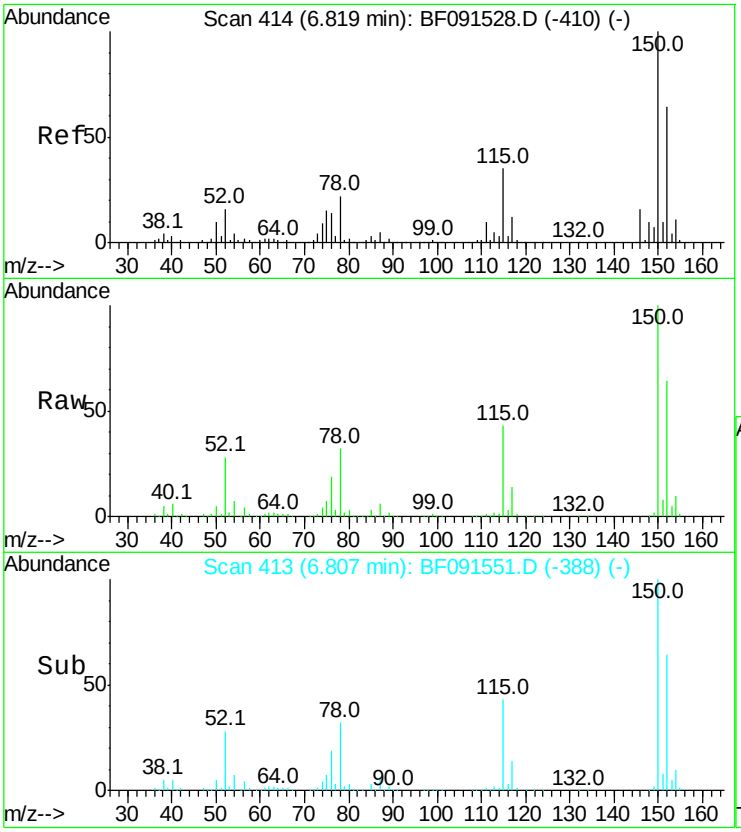


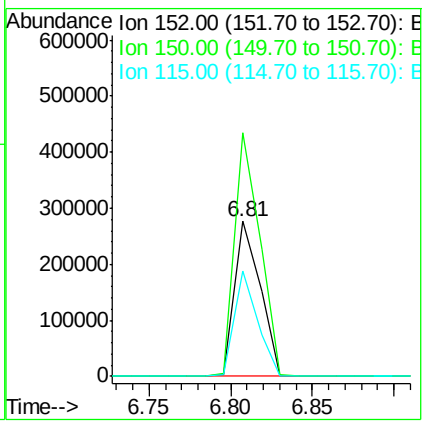


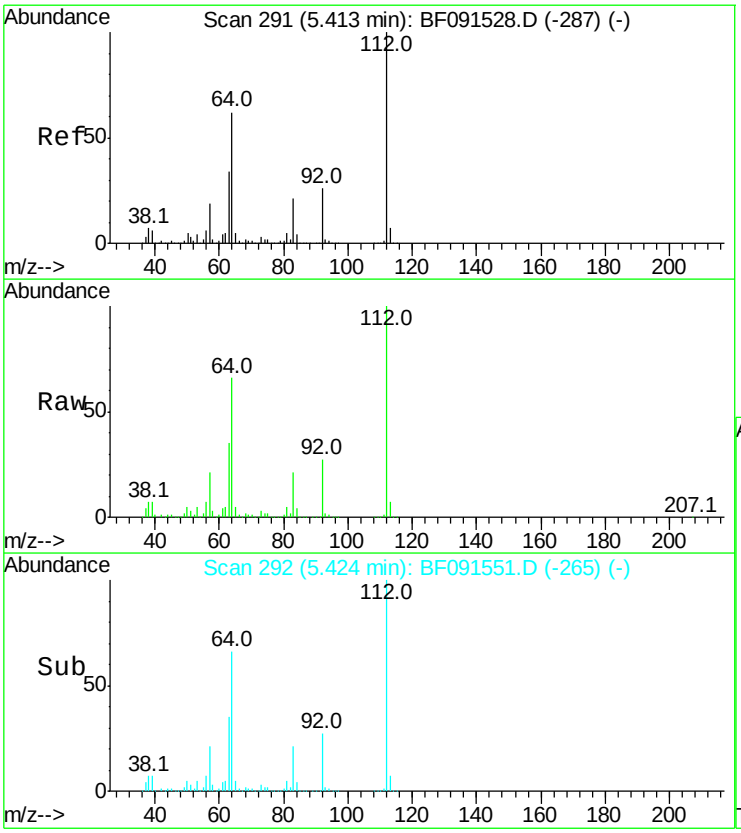
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Instrument :
BNA_F
ClientSampleId :
1M-SF-HL-02

Tgt Ion:152 Resp: 297511

Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.5	183.7
115	68.1	51.8	77.8

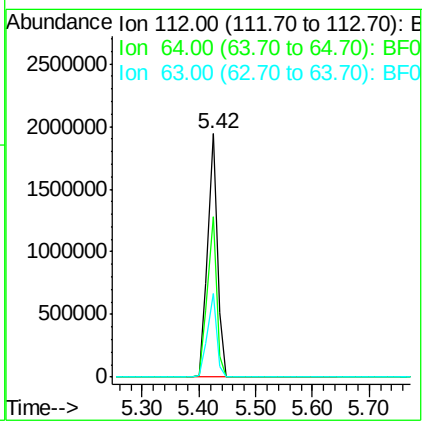


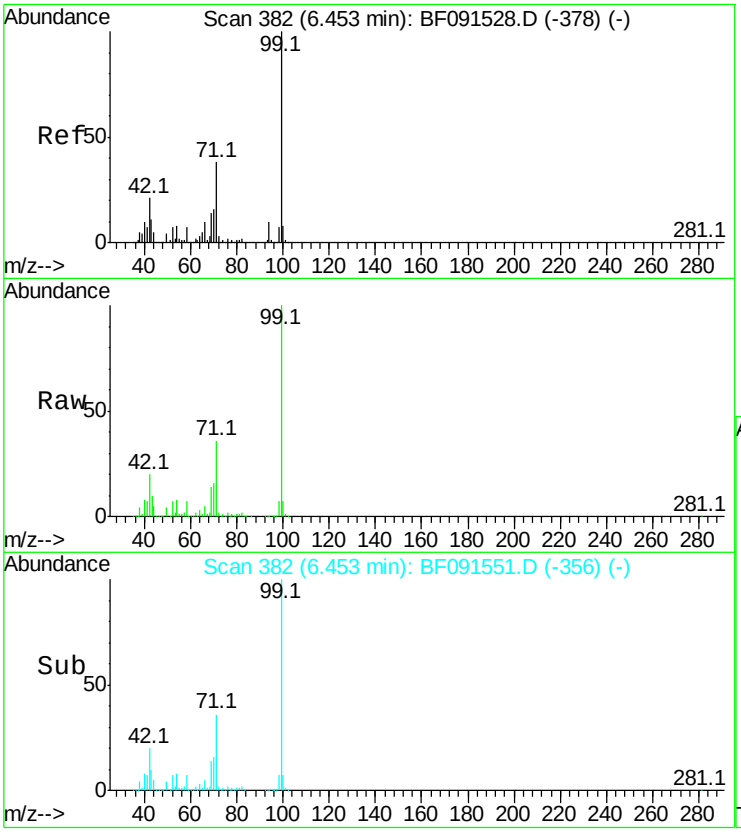


#5
2-Fluorophenol
Concen: 126.26 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Tgt Ion:112 Resp: 2229695

Ion	Ratio	Lower	Upper
112	100		
64	66.0	61.5	92.3
63	34.5	33.3	49.9



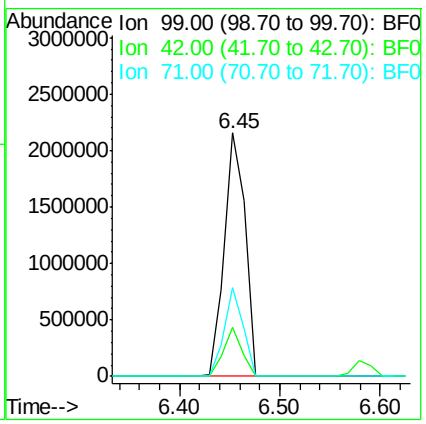


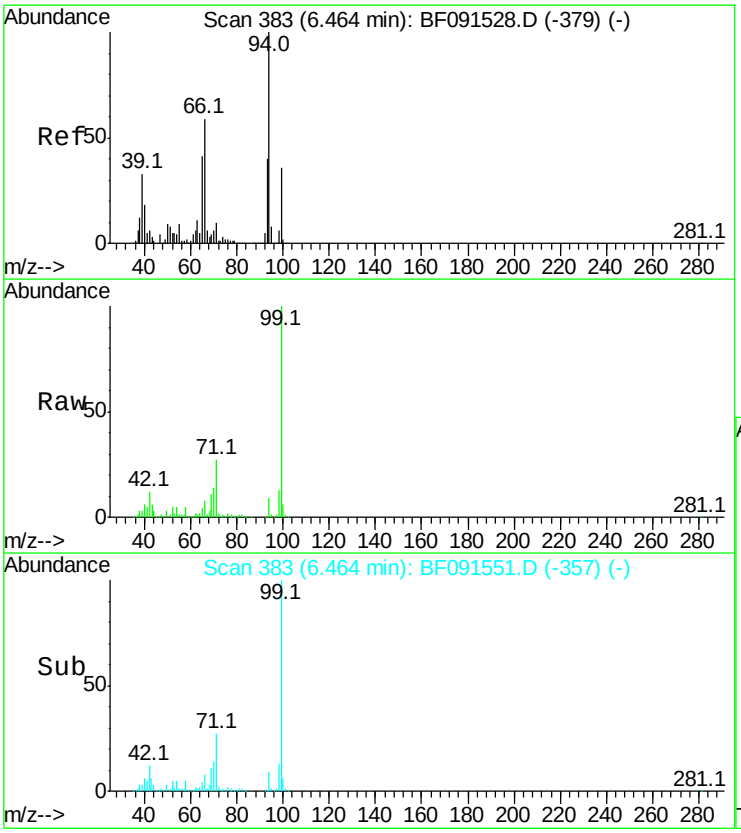
#7
Phenol-d6
Concen: 141.02 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Instrument :
BNA_F
ClientSampleId :
1M-SF-HL-02

Tgt Ion: 99 Resp: 3104527

Ion	Ratio	Lower	Upper
99	100		
42	20.3	20.6	31.0#
71	36.3	29.9	44.9

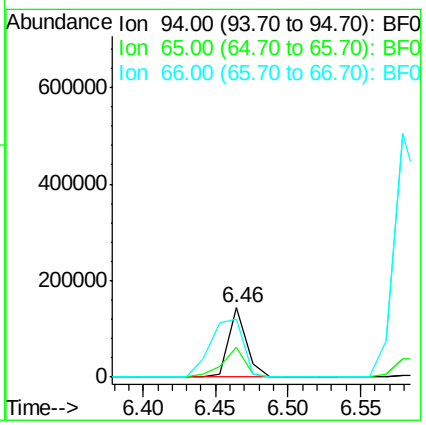


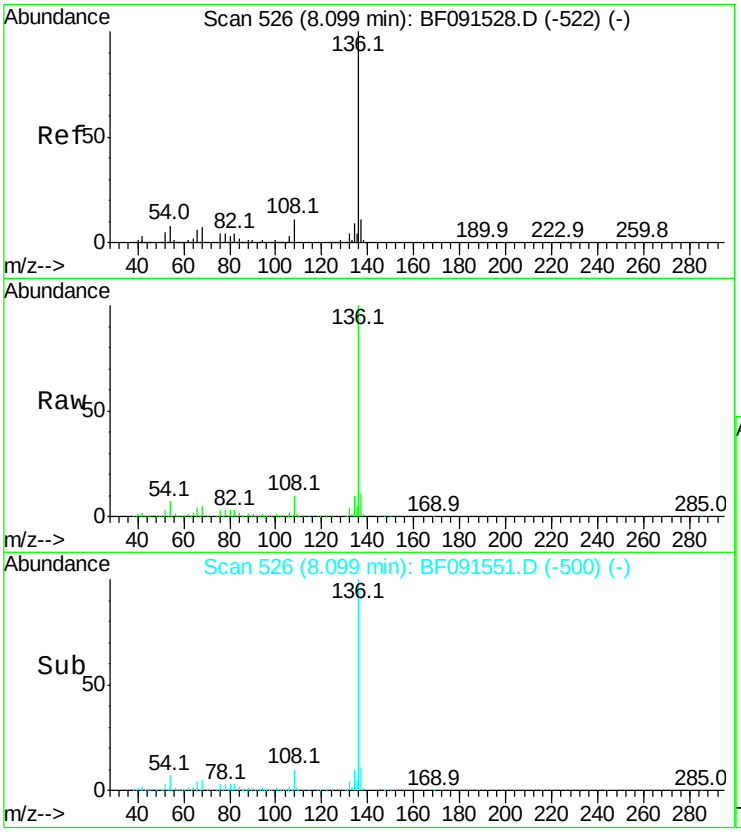


#10
Phenol
Concen: 4.80 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Tgt Ion: 94 Resp: 123587

Ion	Ratio	Lower	Upper
94	100		
65	44.0	16.9	56.9
66	84.5	30.6	70.6#



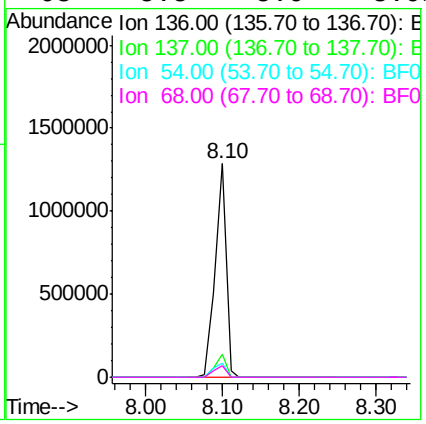


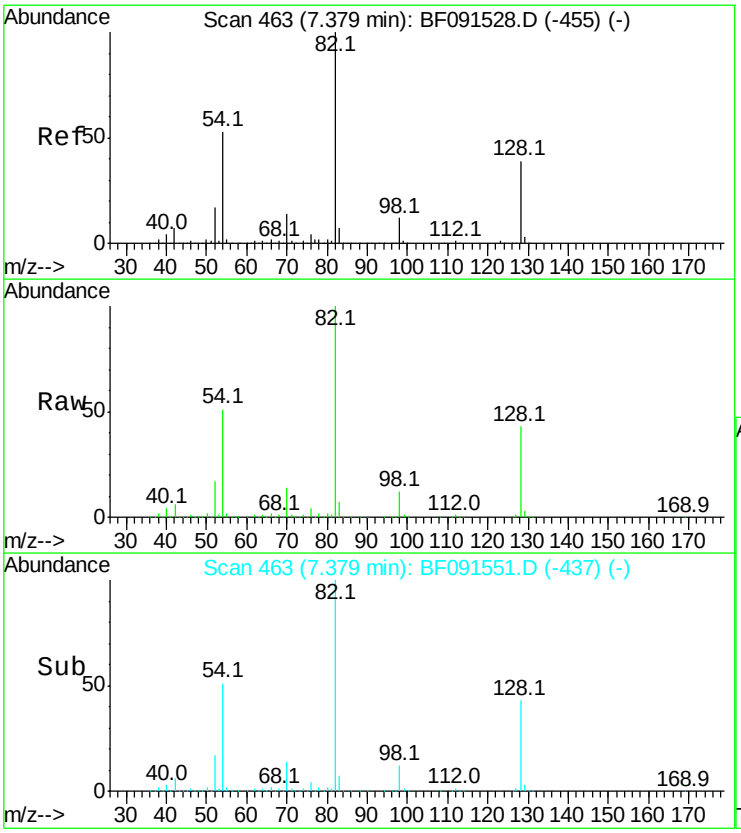
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Instrument :
BNA_F
ClientSampleId :
1M-SF-HL-02

Tgt Ion:136 Resp: 1268843

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.7	9.1	13.7#
68	5.5	5.9	8.9#

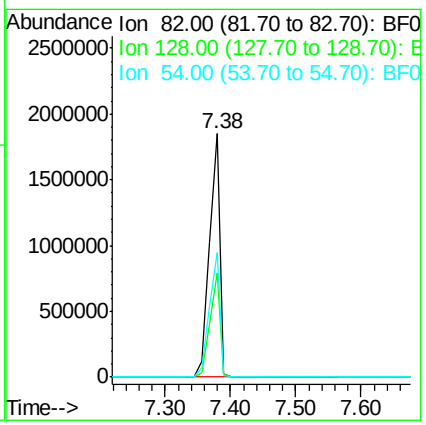


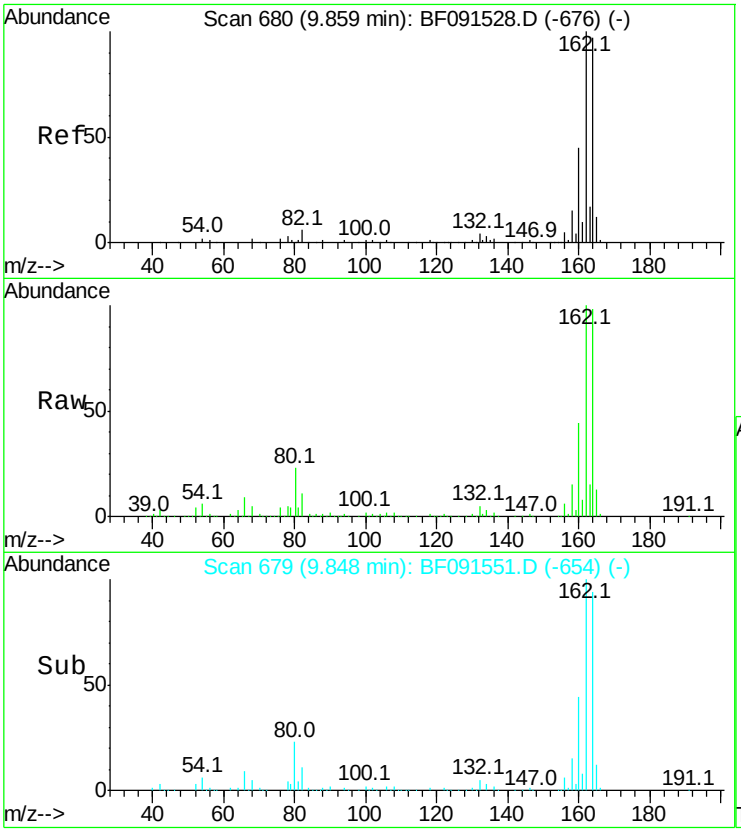


#23
Nitrobenzene-d5
Concen: 91.74 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Tgt Ion: 82 Resp: 2085721

Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.8	47.6
54	51.2	49.1	73.7



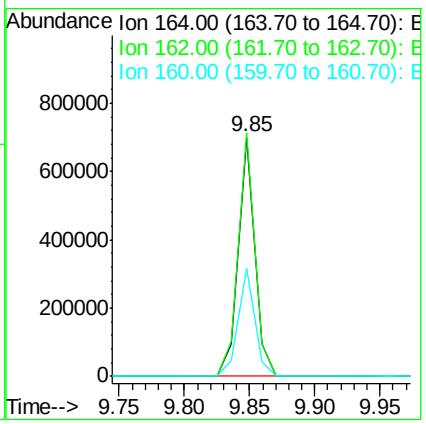


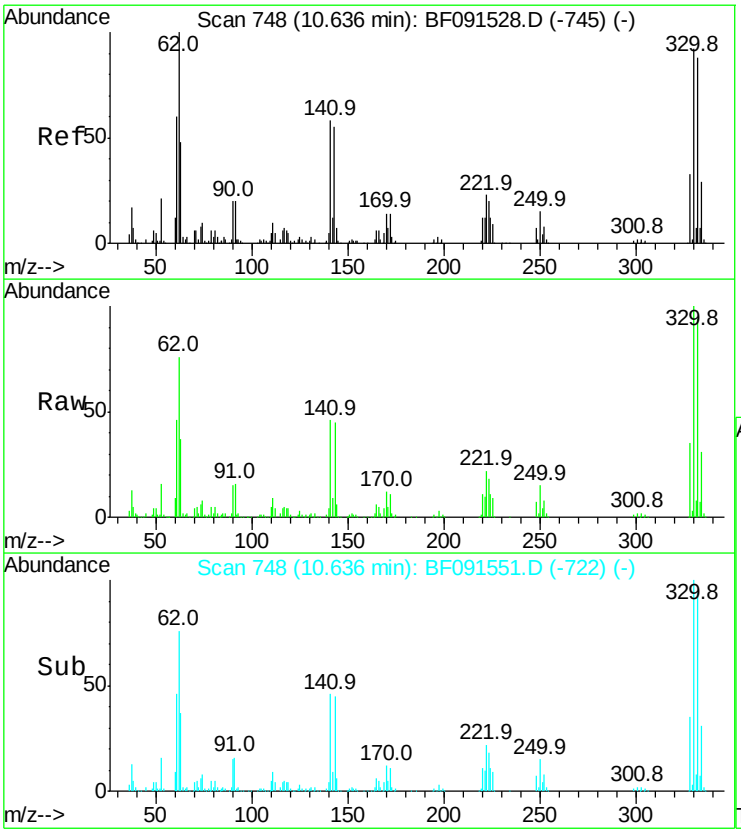
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Instrument :
BNA_F
ClientSampleId :
1M-SF-HL-02

Tgt Ion:164 Resp: 612646

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	124.0
160	45.2	36.7	55.1

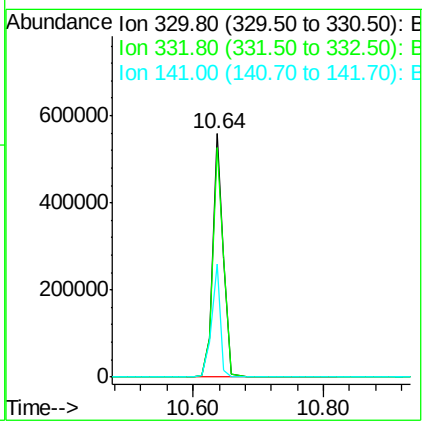


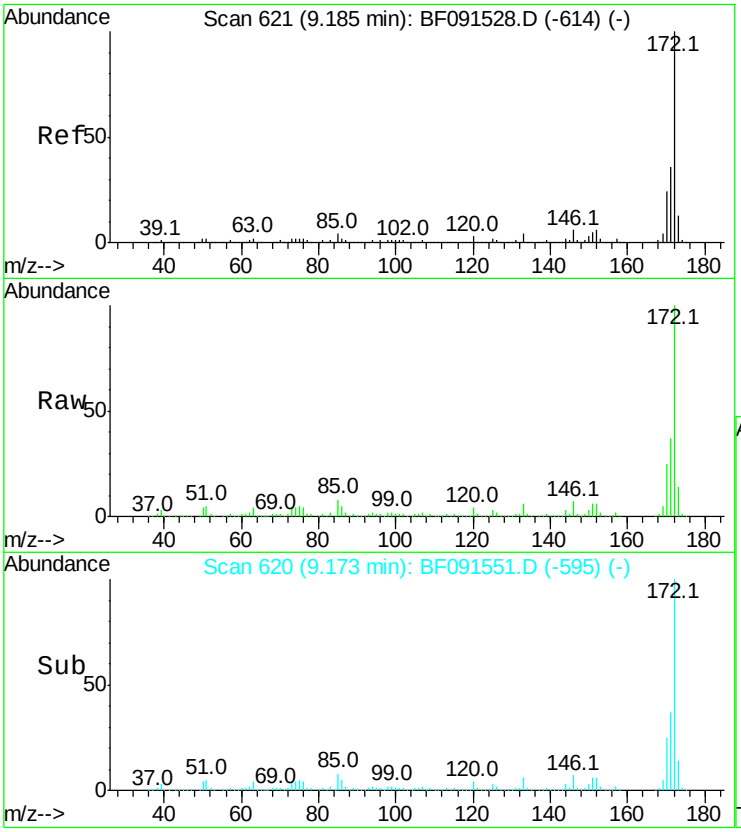


#41
2,4,6-Tribromophenol
Concen: 126.81 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Tgt Ion:330 Resp: 645295

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	38.9	33.6	50.4



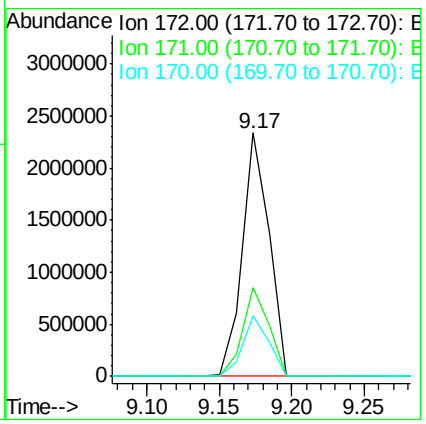


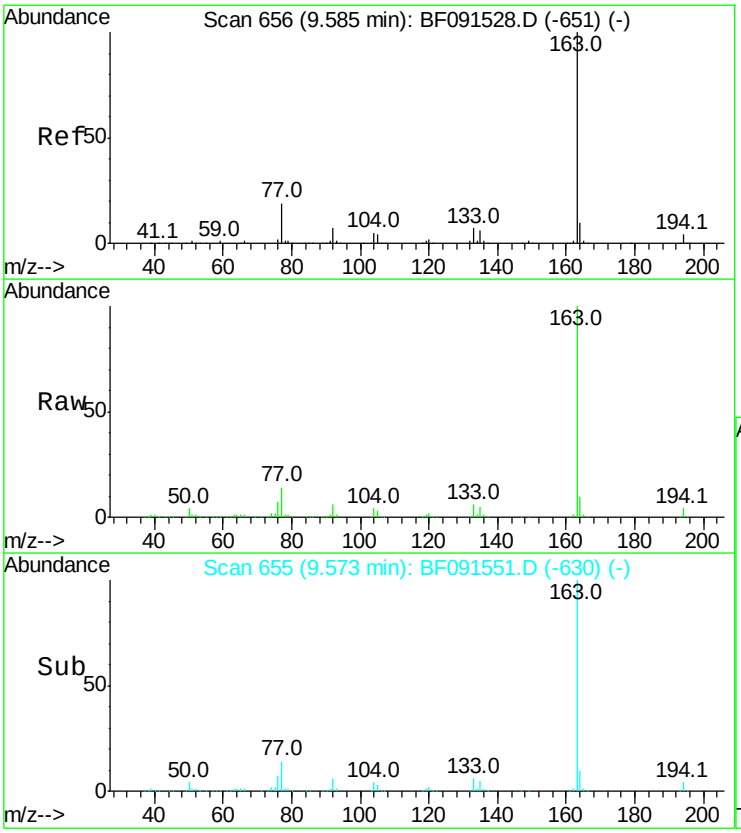
#44
2-Fluorobiphenyl
Concen: 84.12 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Instrument :
BNA_F
ClientSampleId :
1M-SF-HL-02

Tgt Ion:172 Resp: 2982581

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.8	19.7	29.5

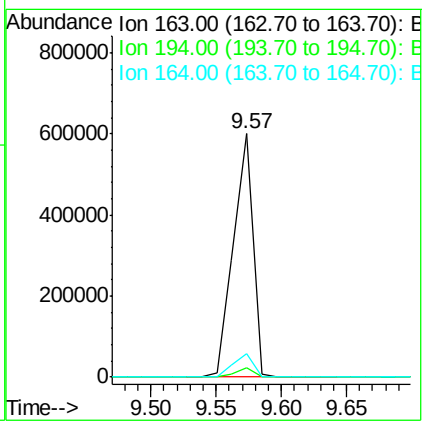


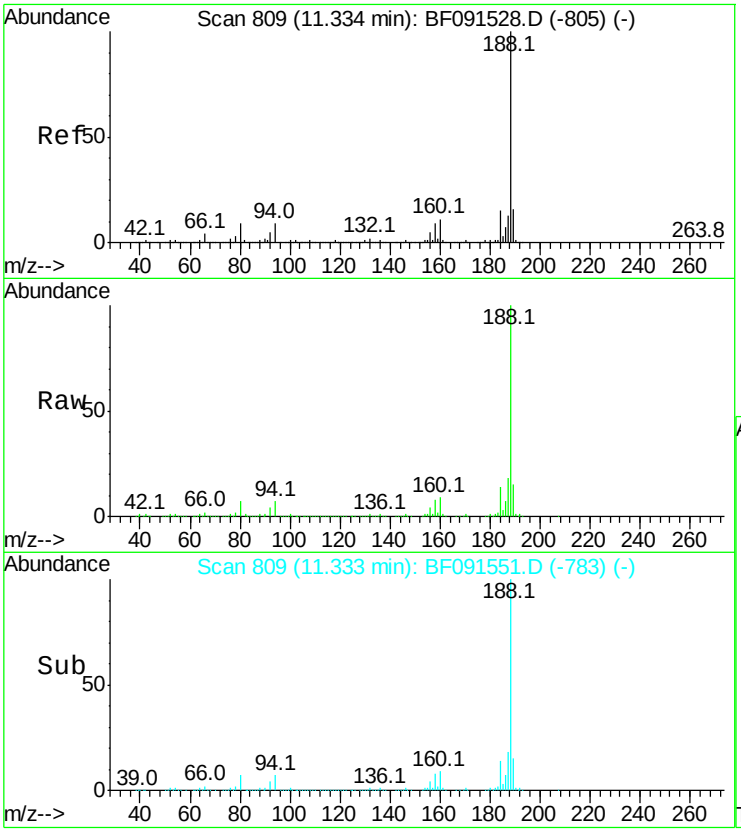


#49
Dimethylphthalate
Concen: 16.09 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Tgt Ion:163 Resp: 624252

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.5	7.8	11.8



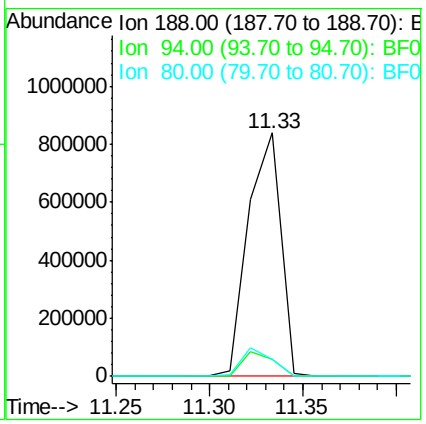


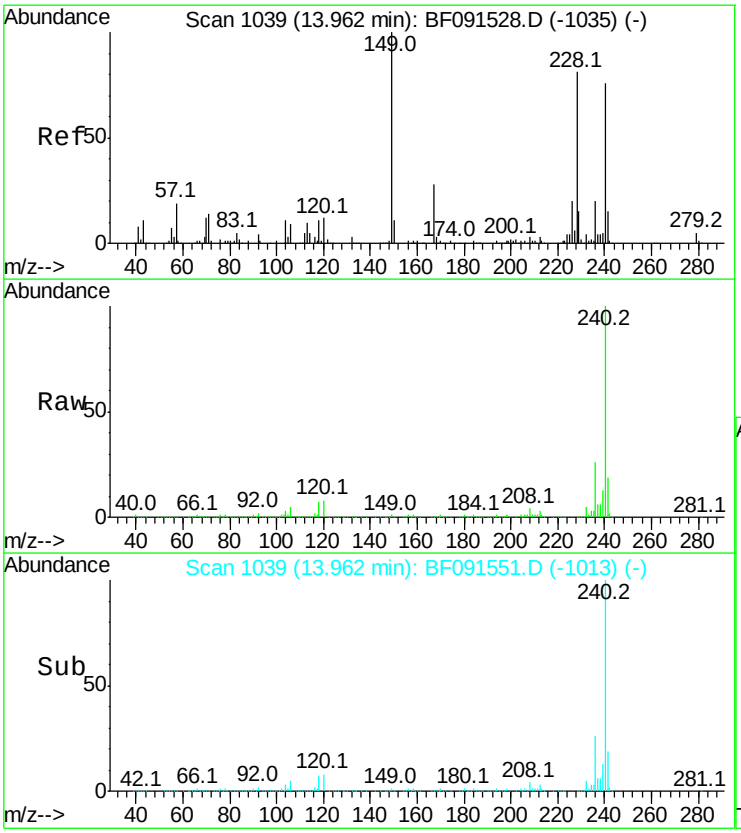
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Instrument :
BNA_F
ClientSampleId :
1M-SF-HL-02

Tgt Ion:188 Resp: 1014428

Ion	Ratio	Lower	Upper
188	100		
94	6.8	9.2	13.8#
80	6.8	10.5	15.7#

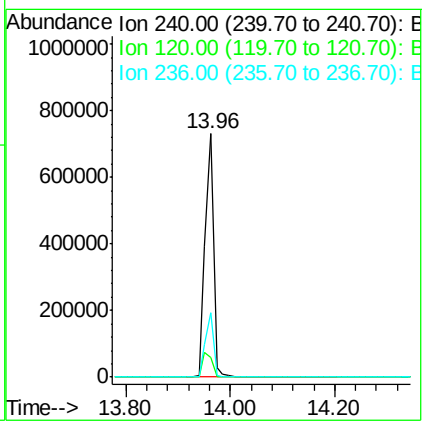


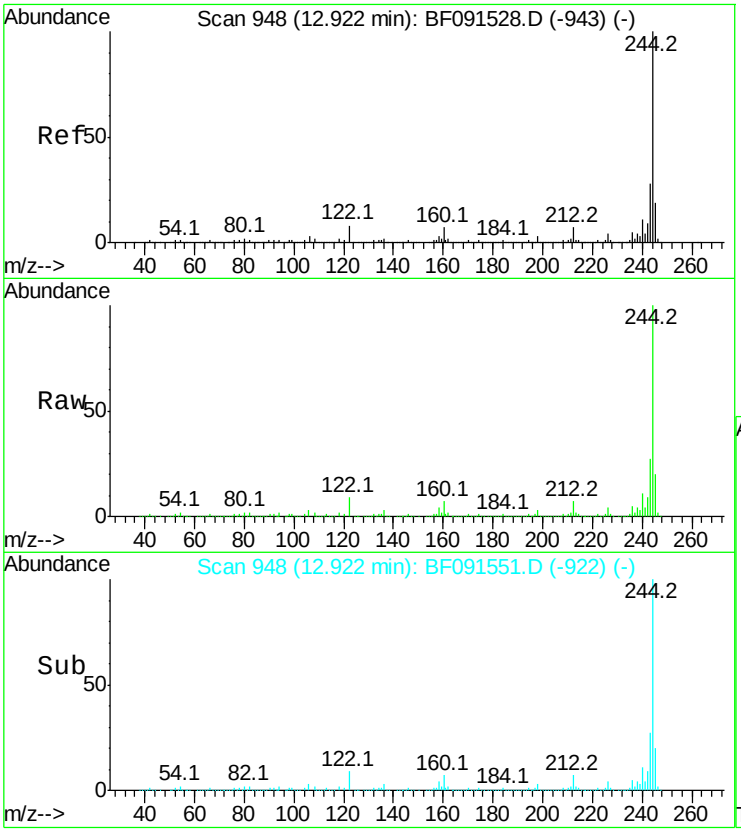


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Tgt Ion:240 Resp: 813868

Ion	Ratio	Lower	Upper
240	100		
120	8.1	12.1	18.1#
236	26.3	21.0	31.6



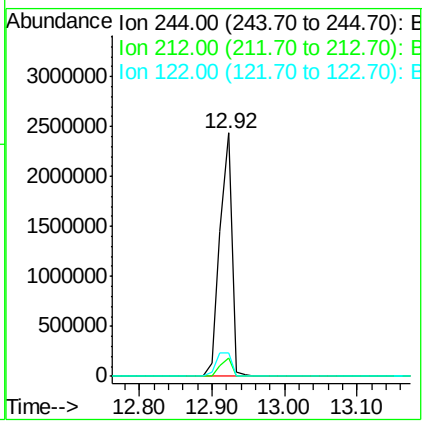


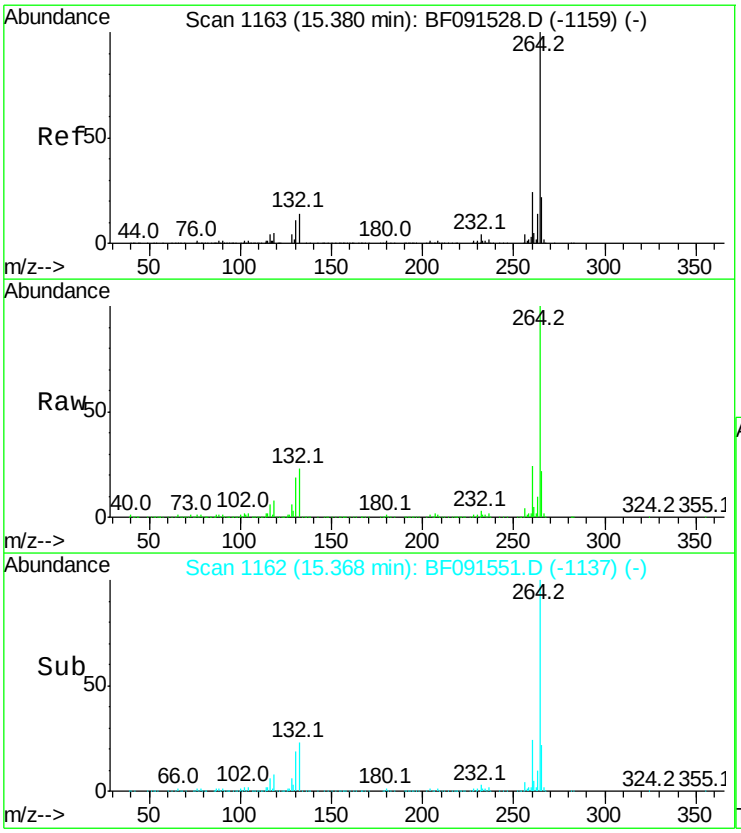
#78
Terphenyl-d14
Concen: 78.40 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Instrument :
BNA_F
ClientSampleId :
1M-SF-HL-02

Tgt Ion:244 Resp: 2811959

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	9.4	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF091551.D
Acq: 13 Dec 2016 14:00

Tgt Ion:264 Resp: 675612

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.0	17.0	25.6