Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091395.D
Acq On : 2 Dec 2016 18:01
Operator : UM/SJ
Sample : H5819-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 113016-02

Quant Time: Dec 02 23:02:58 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	221067	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	824913	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	537073	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	899578	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	888880	20.00	ng	-0.03
86) Perylene-d12	15.44	264	703894	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1186817	87.70	ng	0.00
7) Phenol-d6	6.49	99	1659641	99.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	867607	58.94	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	479119	94.23	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1818194	61.30	ng	-0.02
78) Terphenyl-d14	12.97	244	2044984	50.00	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.50	94	67233	3.43	ng	# 73
49) Dimethylphthalate	9.61	163	250843	7.71	ng	99

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

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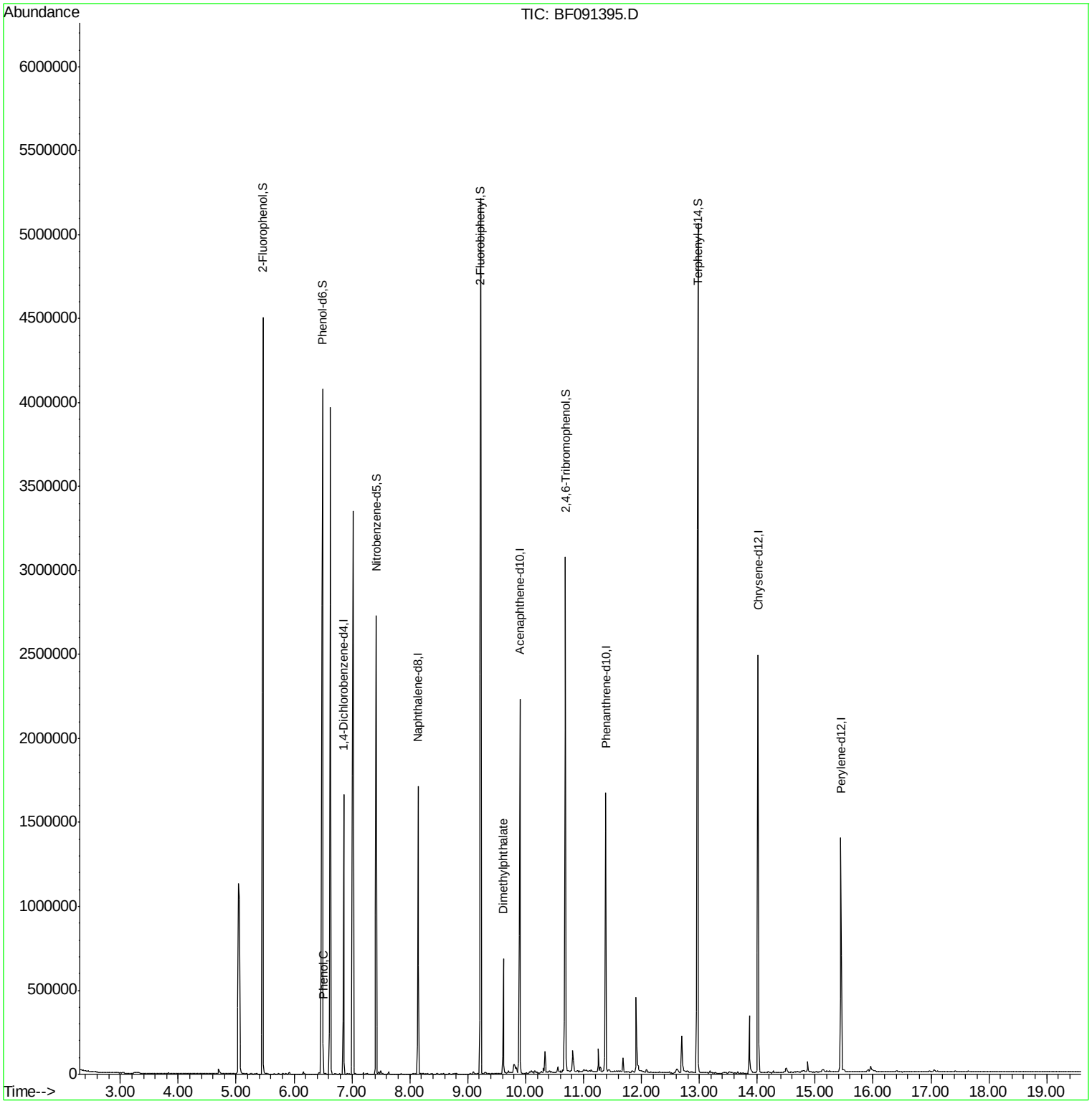
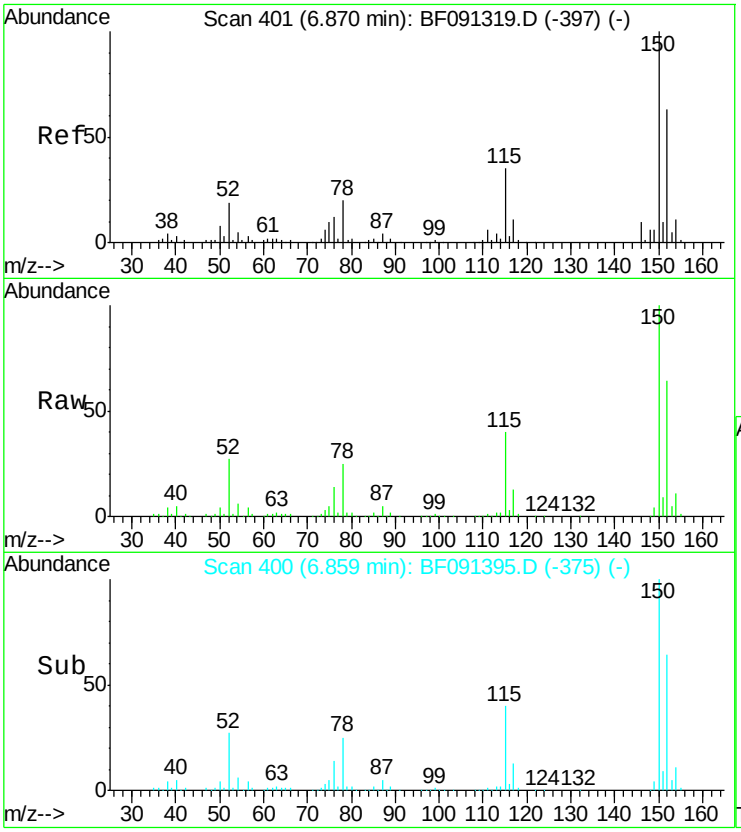


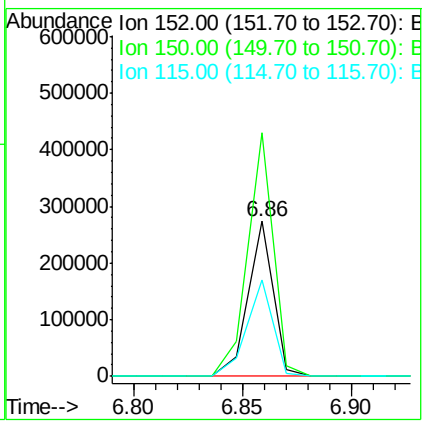


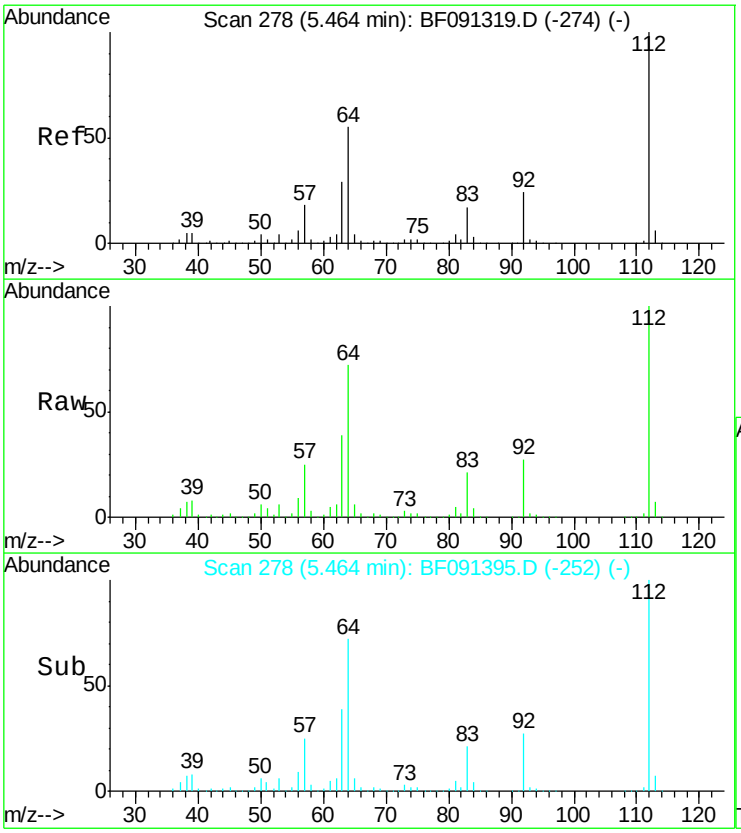
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Instrument :
BNA_F
ClientSampleId :
113016-02

Tgt Ion:152 Resp: 221067

Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.5	183.7
115	62.0	51.8	77.8

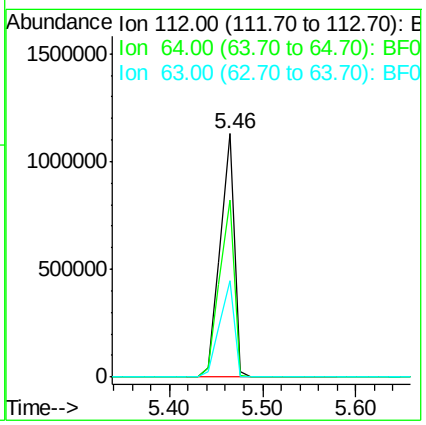


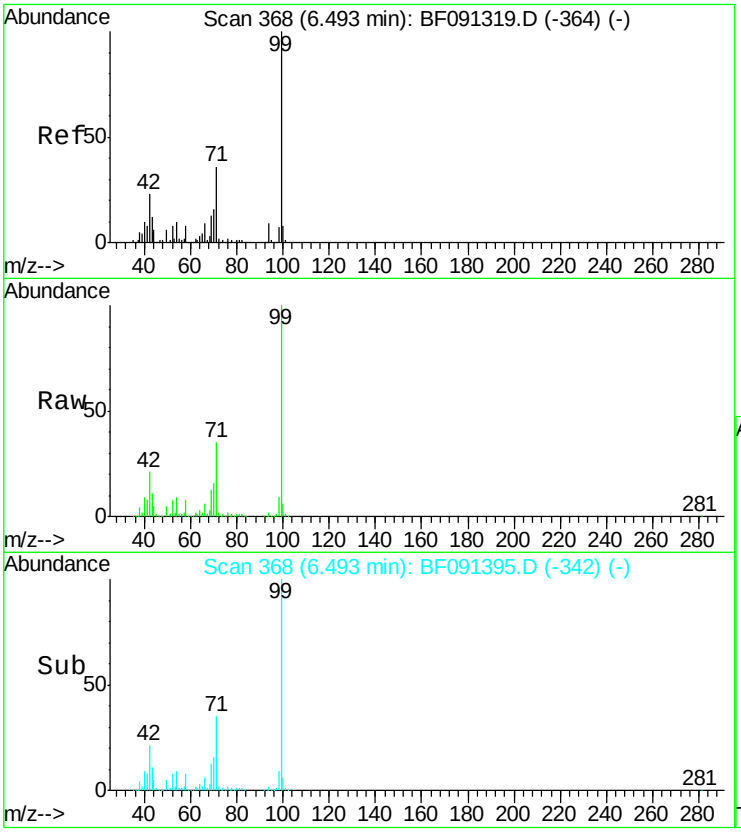


#5
2-Fluorophenol
Concen: 87.70 ng
RT: 5.46 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Tgt Ion:112 Resp: 1186817

Ion	Ratio	Lower	Upper
112	100		
64	72.5	61.5	92.3
63	39.4	33.3	49.9



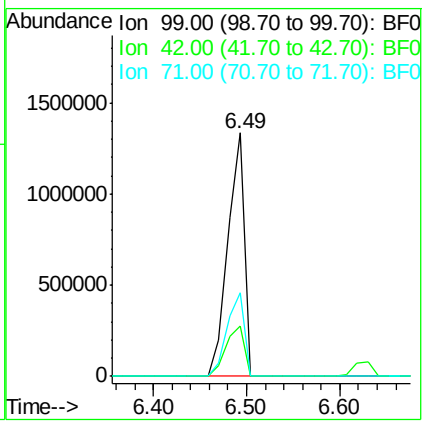


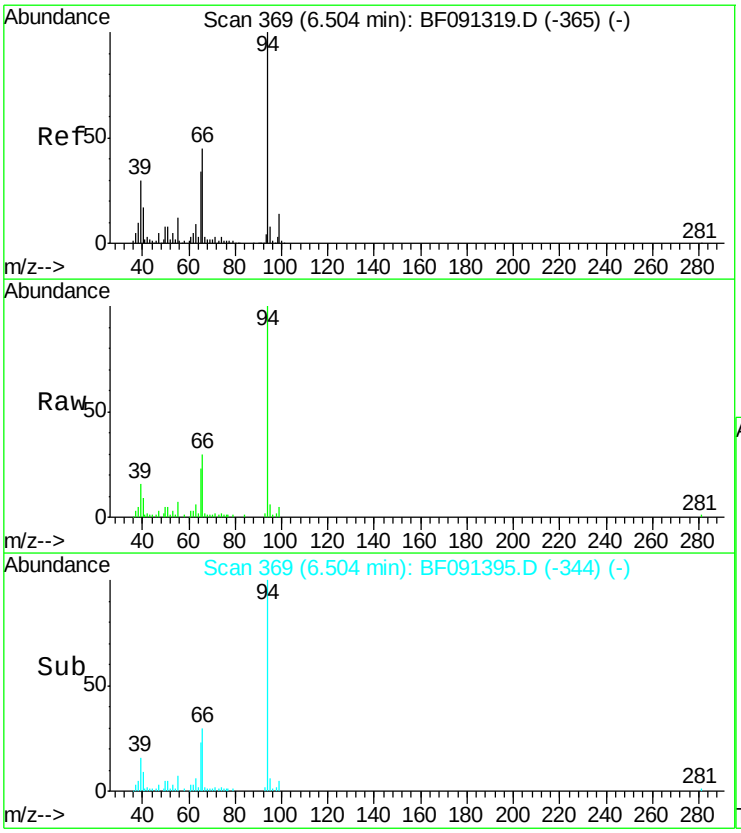
#7
Phenol-d6
Concen: 99.63 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Instrument :
BNA_F
ClientSampleId :
113016-02

Tgt Ion: 99 Resp: 1659641

Ion	Ratio	Lower	Upper
99	100		
42	20.9	20.6	31.0
71	34.6	29.9	44.9

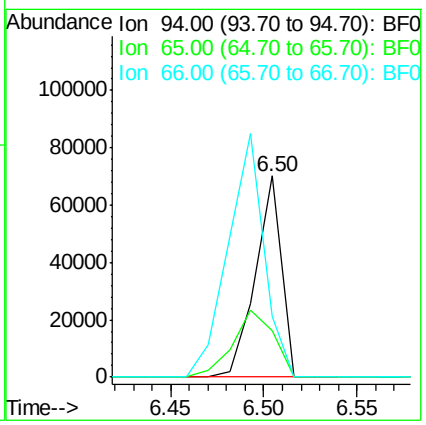


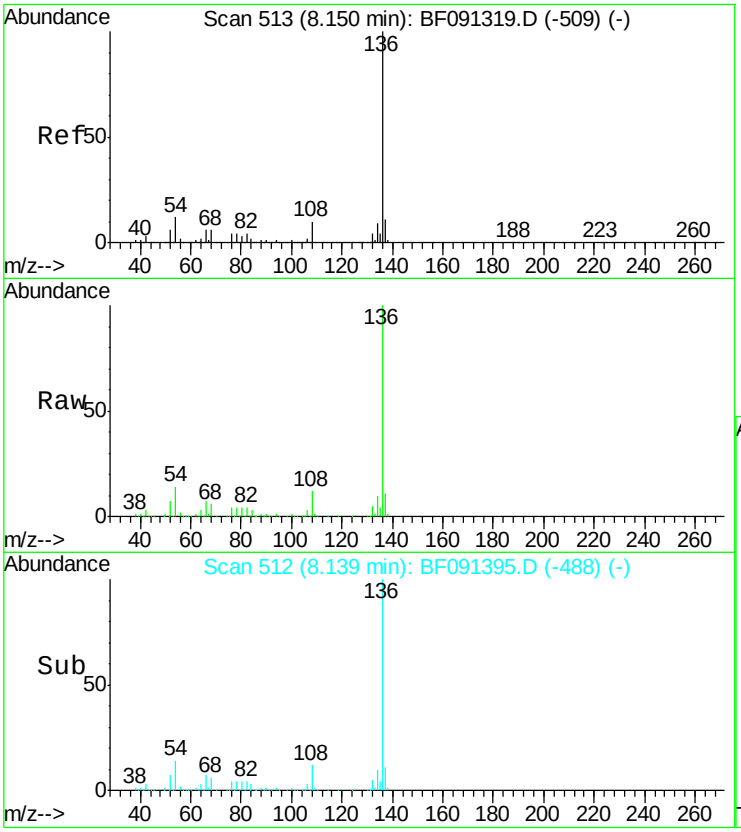


#10
Phenol
Concen: 3.43 ng
RT: 6.50 min Scan# 369
Delta R.T. -0.02 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Tgt Ion: 94 Resp: 67233

Ion	Ratio	Lower	Upper
94	100		
65	22.8	16.9	56.9
66	30.3	30.6	70.6#



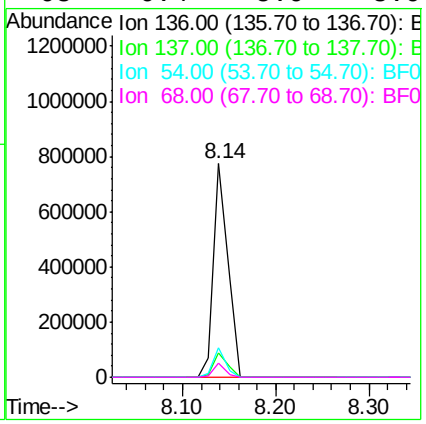


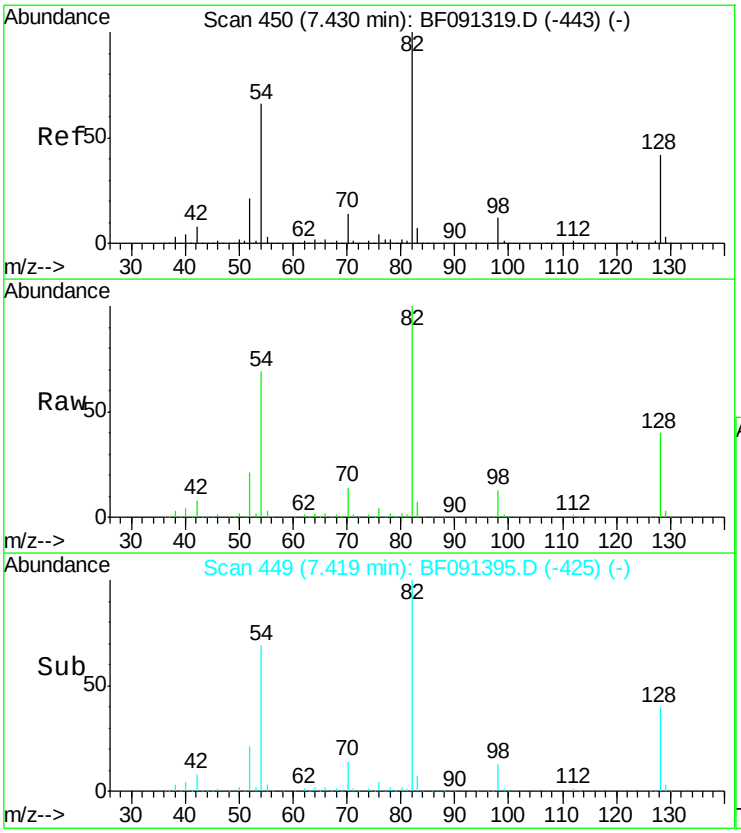
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Instrument :
BNA_F
ClientSampleId :
113016-02

Tgt Ion:136 Resp: 824913

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	13.7	9.1	13.7#
68	6.4	5.9	8.9

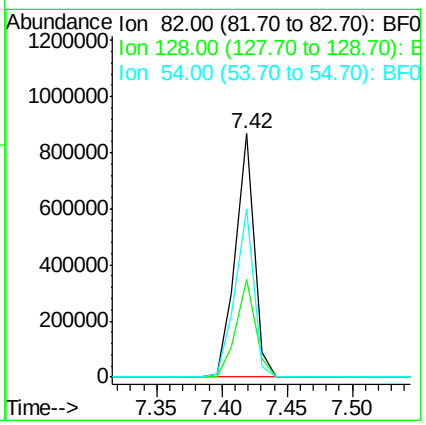


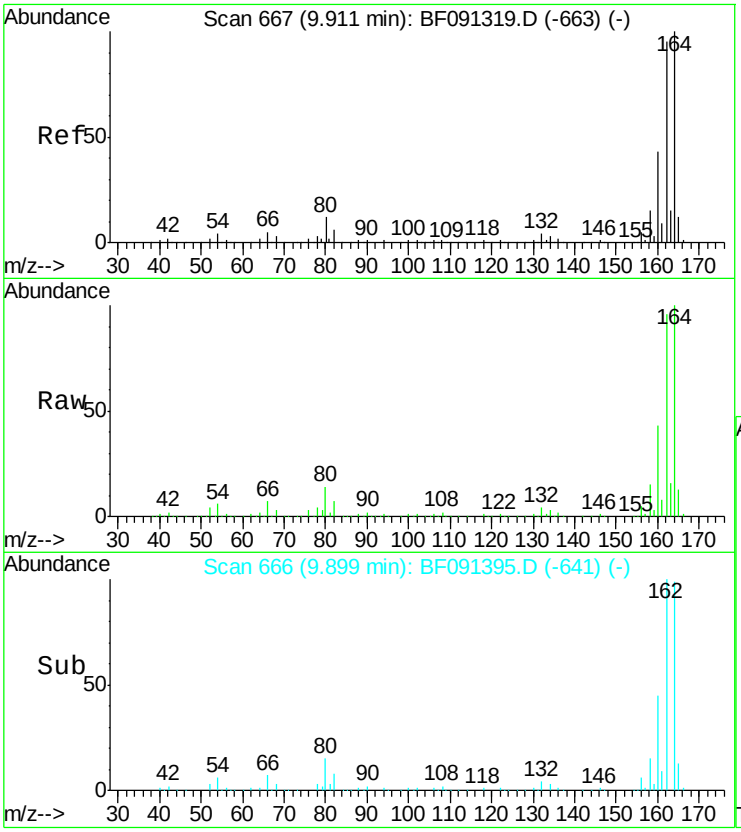


#23
Nitrobenzene-d5
Concen: 58.94 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Tgt Ion: 82 Resp: 867607

Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.8	47.6
54	69.0	49.1	73.7



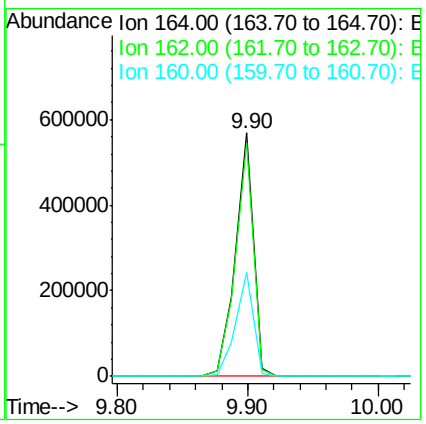


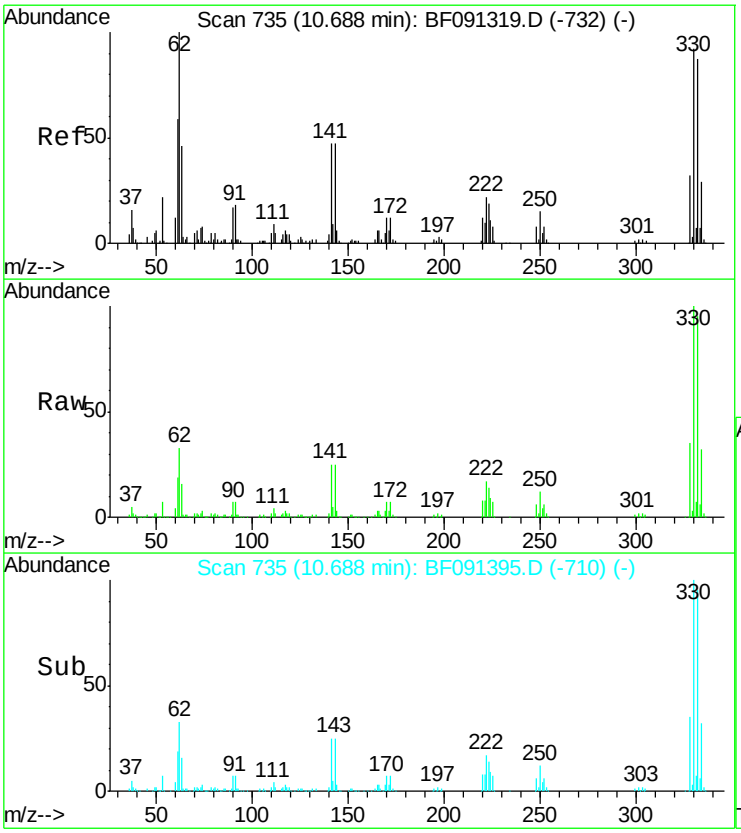
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Instrument :
BNA_F
ClientSampleId :
113016-02

Tgt Ion:164 Resp: 537073

Ion	Ratio	Lower	Upper
164	100		
162	96.0	82.6	124.0
160	42.6	36.7	55.1

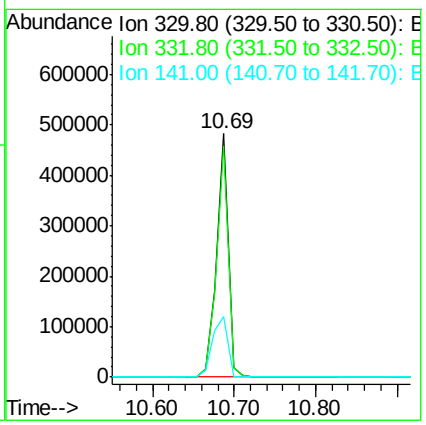


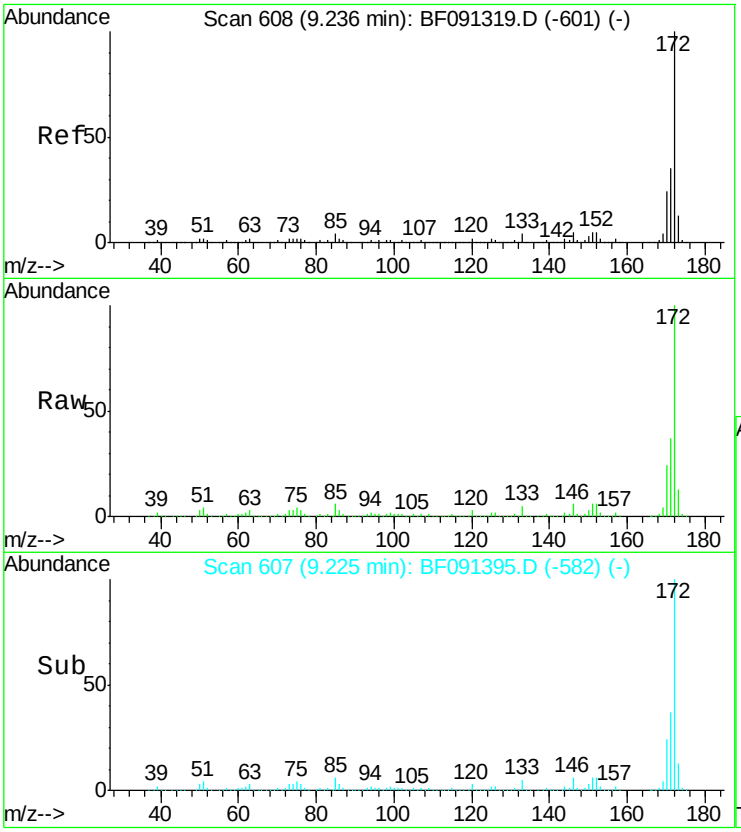


#41
2,4,6-Tribromophenol
Concen: 94.23 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Tgt Ion:330 Resp: 479119

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	32.9	33.6	50.4#



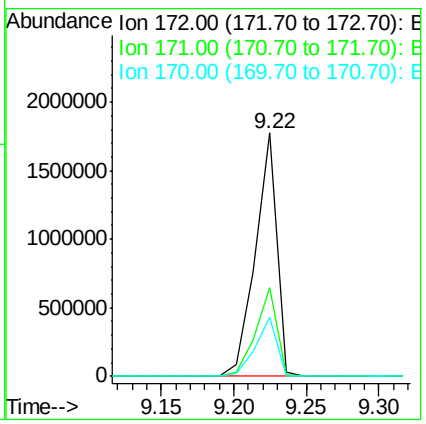


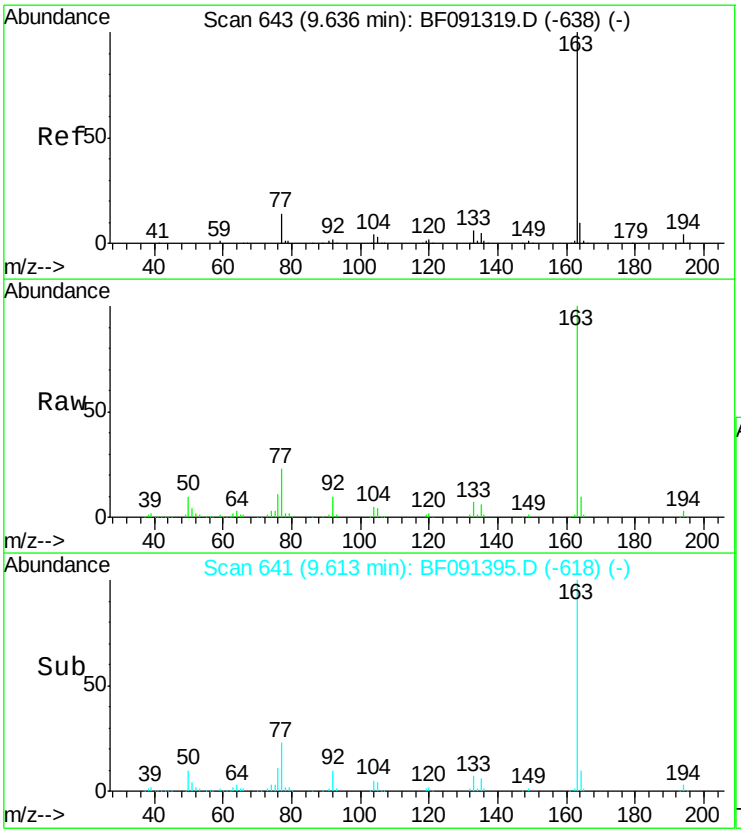
#44
2-Fluorobiphenyl
Concen: 61.30 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Instrument :
BNA_F
ClientSampleId :
113016-02

Tgt Ion:172 Resp: 1818194

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.4	19.7	29.5

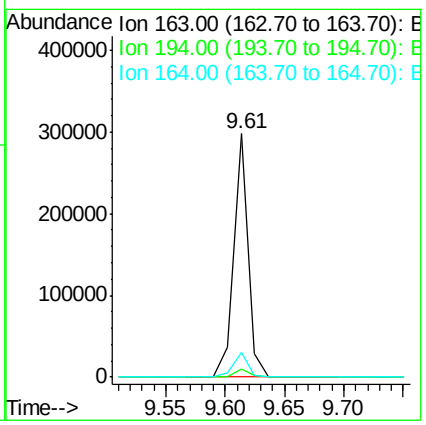


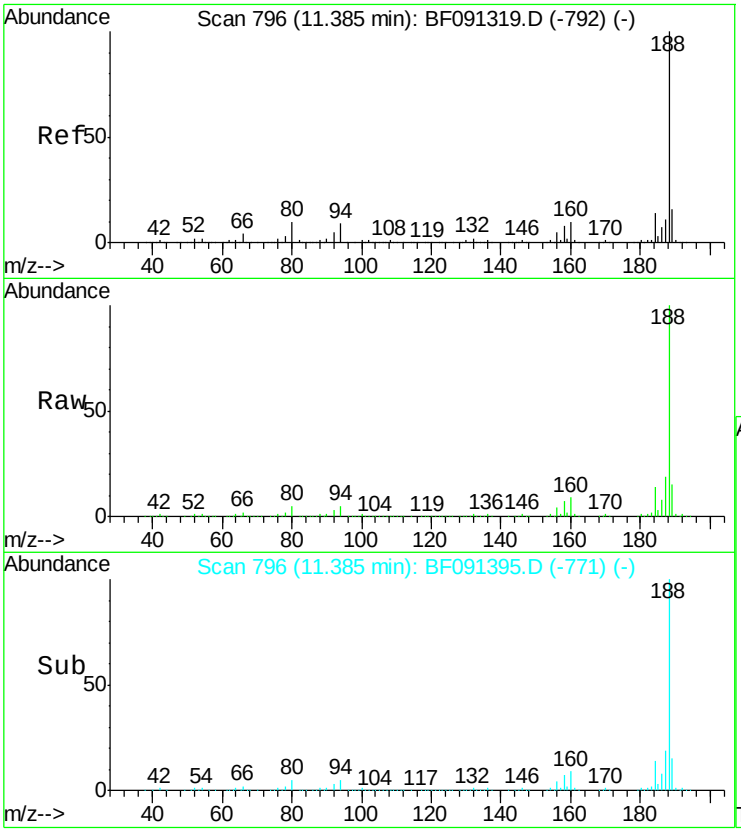


#49
Dimethylphthalate
Concen: 7.71 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Tgt Ion:163 Resp: 250843

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.4	7.8	11.8



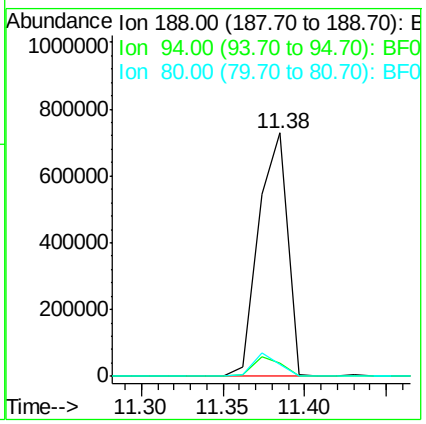


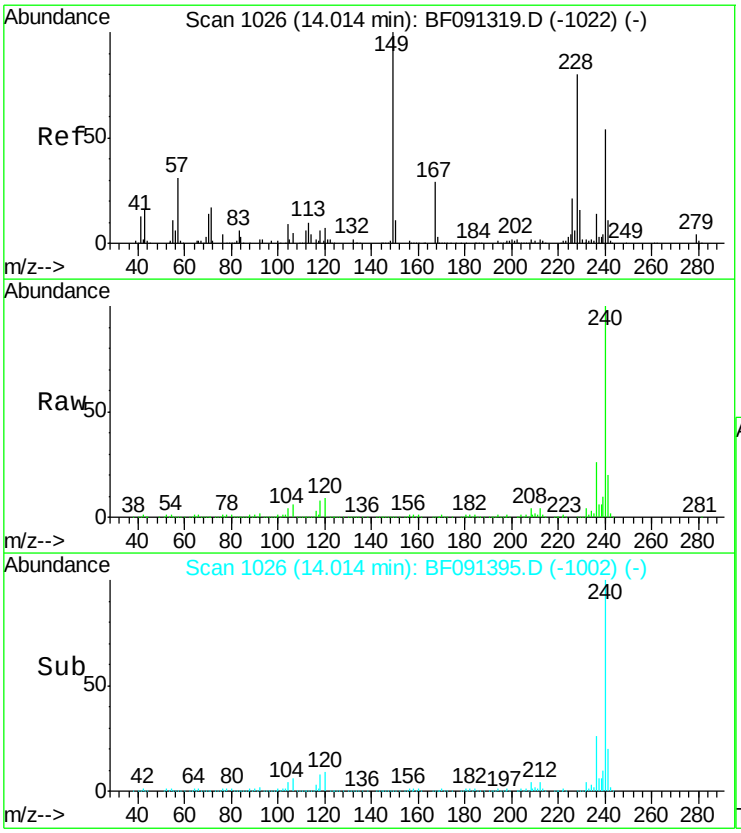
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Instrument :
BNA_F
ClientSampleId :
113016-02

Tgt Ion:188 Resp: 899578

Ion	Ratio	Lower	Upper
188	100		
94	5.3	9.2	13.8#
80	5.0	10.5	15.7#

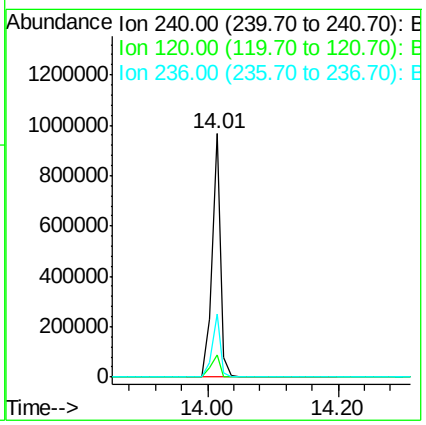


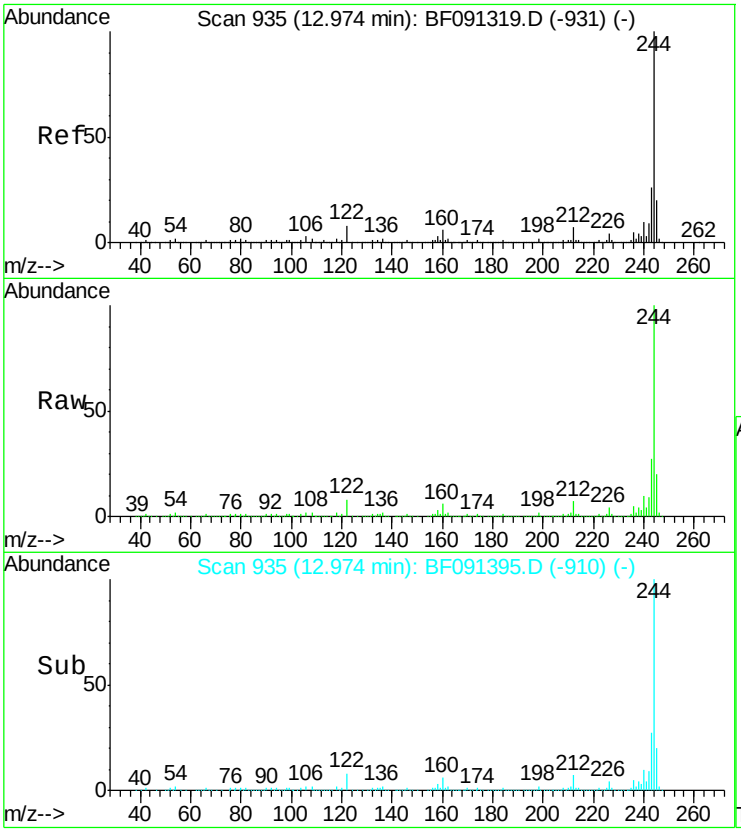


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Tgt Ion:240 Resp: 888880

Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.1	18.1#
236	26.1	21.0	31.6



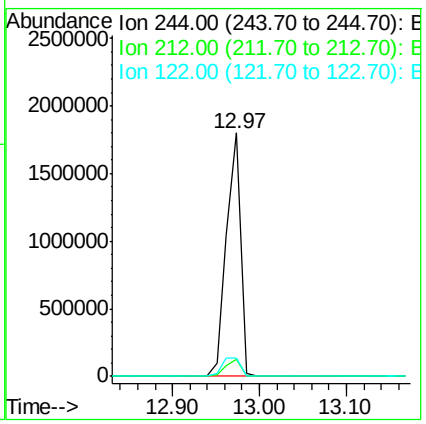


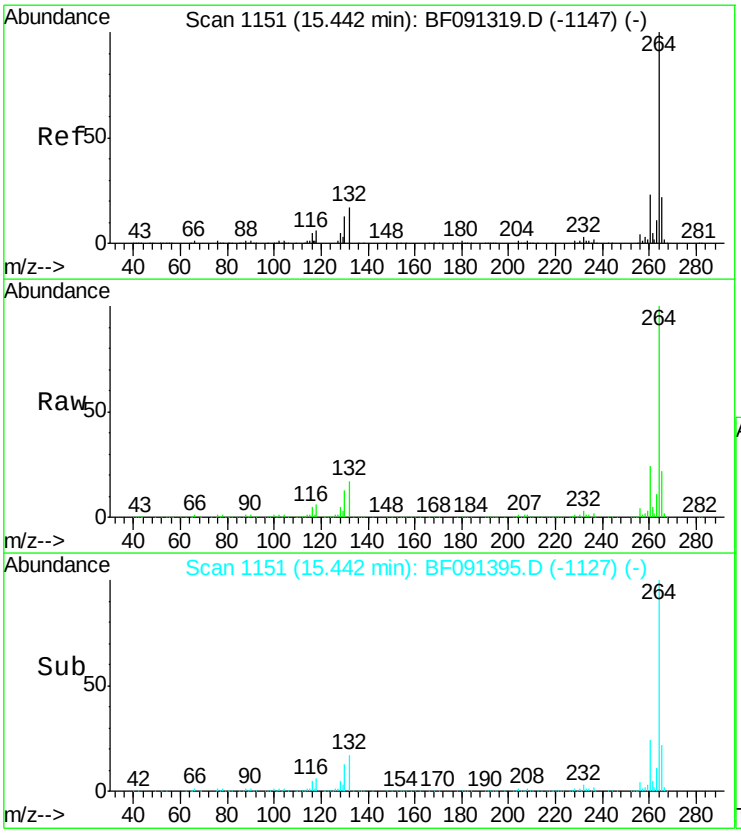
#78
Terphenyl-d14
Concen: 50.00 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091395.D
Acq: 2 Dec 2016 18:01

Instrument :
BNA_F
ClientSampleId :
113016-02

Tgt Ion:244 Resp: 2044984

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	7.6	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: BF091395.D
Acq: 2 Dec 2016 18:01

Tgt Ion:264 Resp: 703894

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.8	17.0	25.6