Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091499.D
Acq On : 8 Dec 2016 5:59
Operator : UM/SJ
Sample : H5867-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N002-WD-A5-06-01

Quant Time: Dec 08 06:39:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	159103	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	603442	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	316758	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	497971	20.00	ng	0.00
75) Chrysene-d12	13.98	240	377624	20.00	ng	0.00
86) Perylene-d12	15.40	264	309434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1080161	110.91	ng	0.02
7) Phenol-d6	6.47	99	1059010	88.33	ng	0.00
23) Nitrobenzene-d5	7.40	82	758418	70.43	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	351381	117.17	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1617646	92.47	ng	-0.01
78) Terphenyl-d14	12.94	244	1370816	78.90	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.14	128	99644	3.47	ng	98

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

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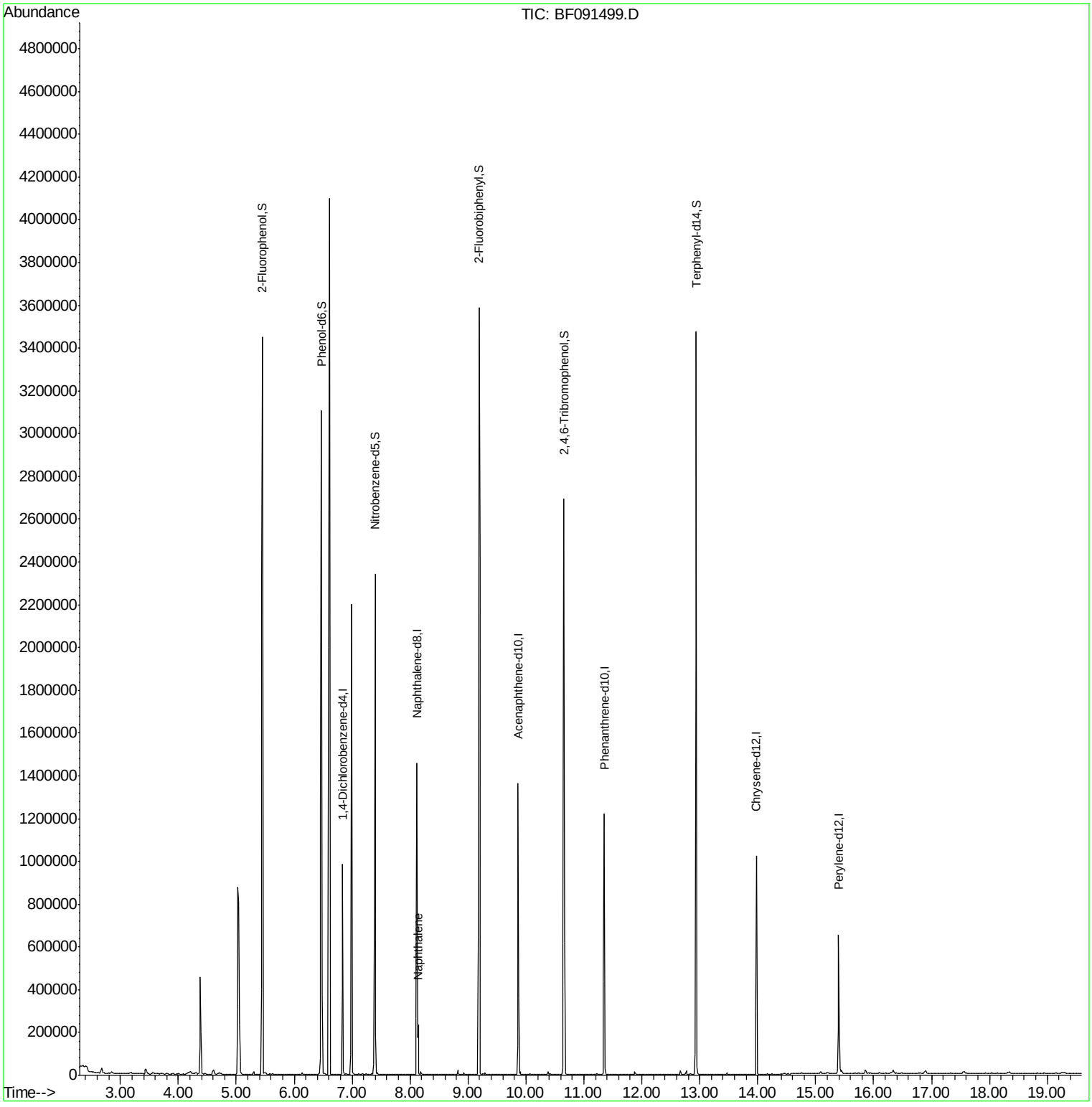
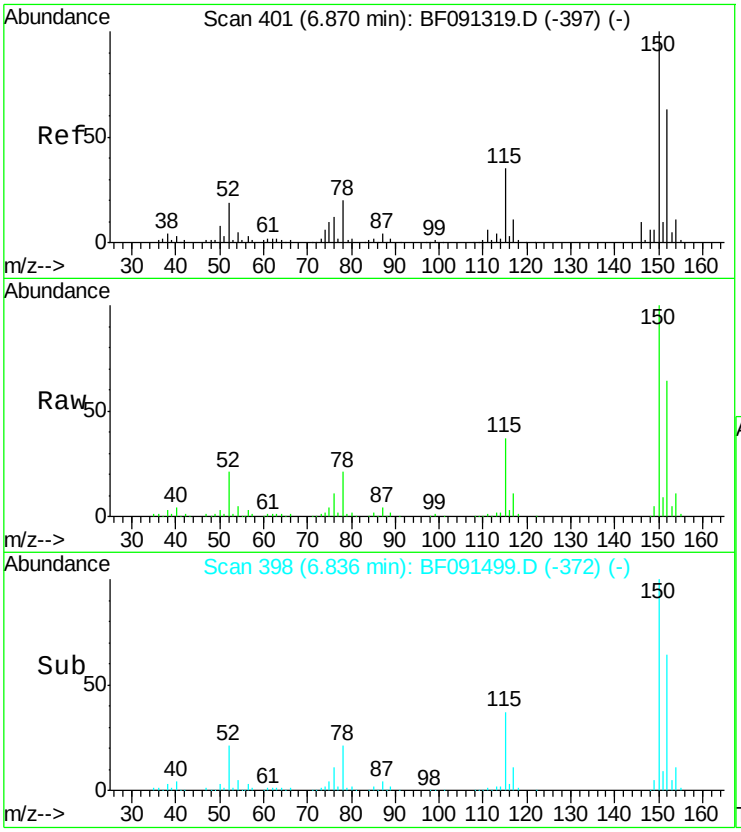


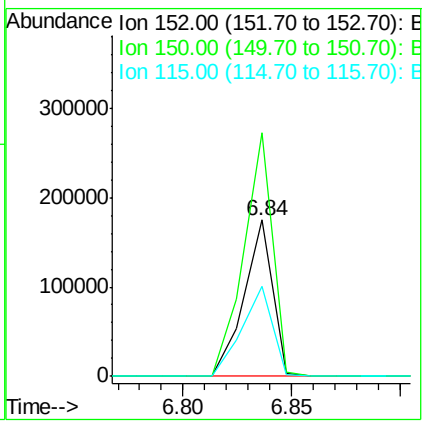


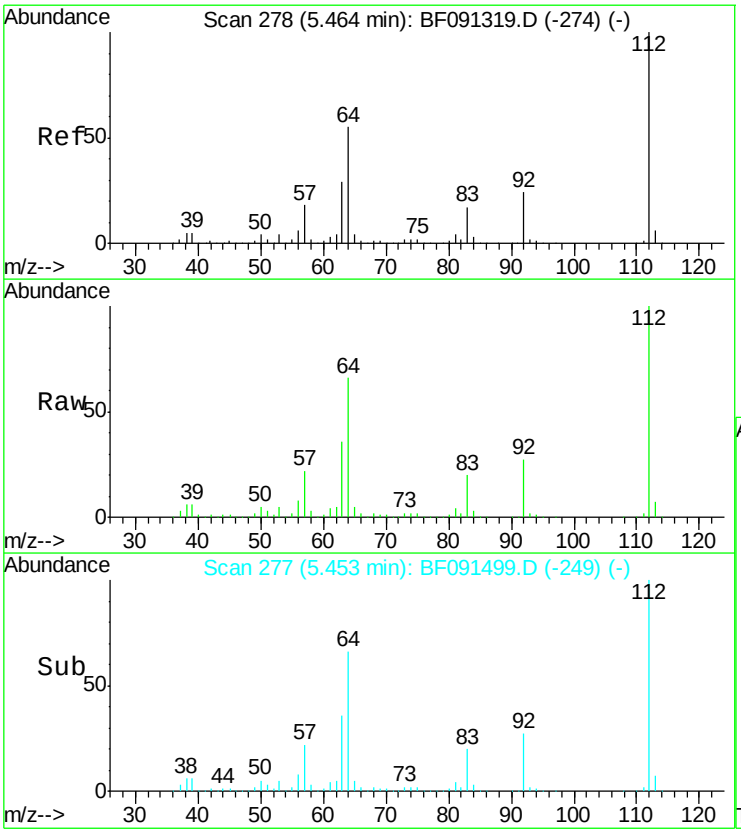
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

Tgt Ion:152 Resp: 159103

Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.5	183.7
115	57.1	51.8	77.8

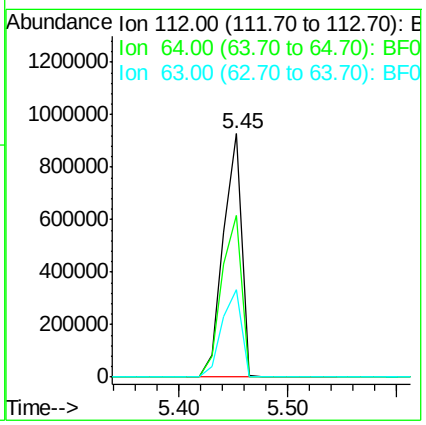


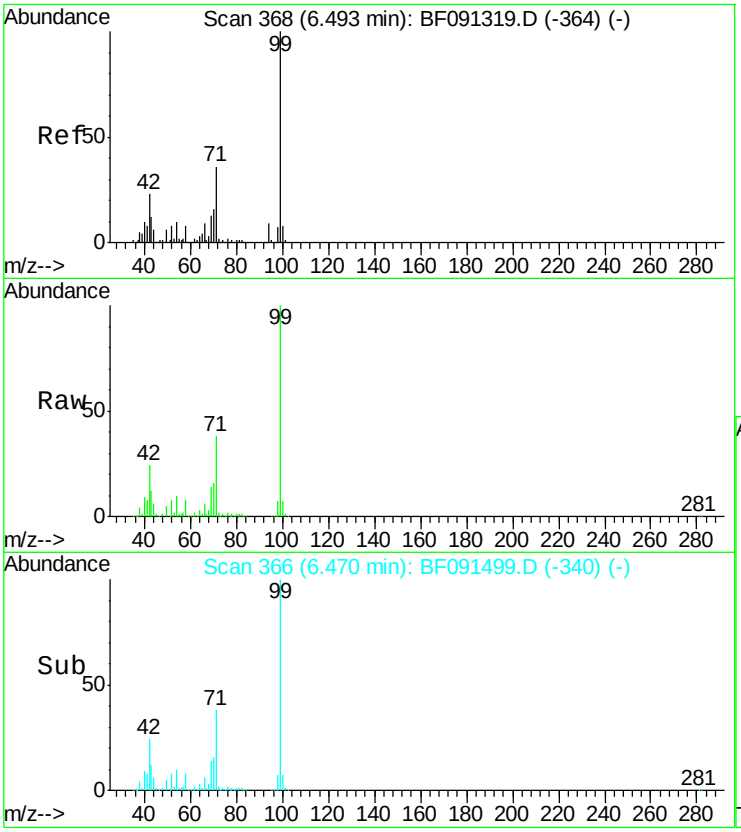


#5
2-Fluorophenol
Concen: 110.91 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.02 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Tgt Ion:112 Resp: 1080161

Ion	Ratio	Lower	Upper
112	100		
64	66.5	61.5	92.3
63	35.8	33.3	49.9



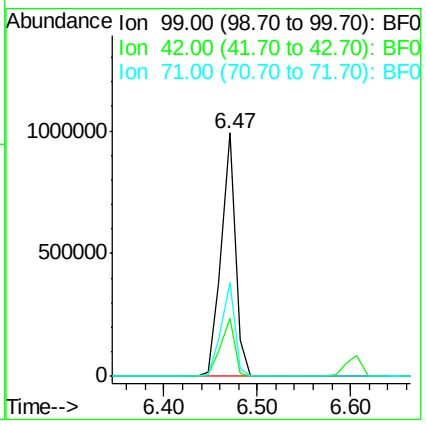


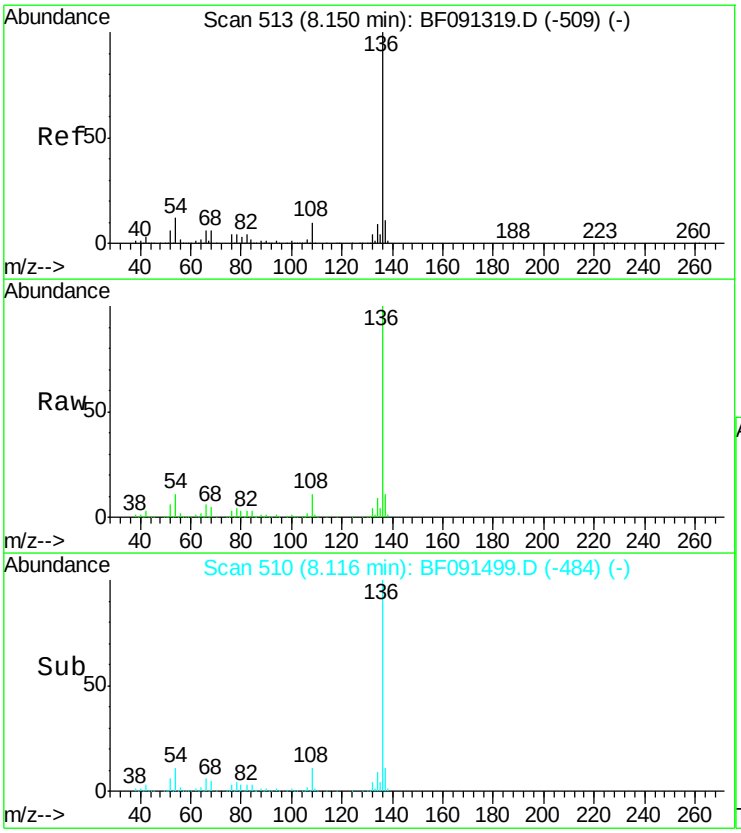
#7
Phenol-d6
Concen: 88.33 ng
RT: 6.47 min Scan# 366
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

Tgt Ion: 99 Resp: 1059010

Ion	Ratio	Lower	Upper
99	100		
42	23.6	20.6	31.0
71	38.5	29.9	44.9

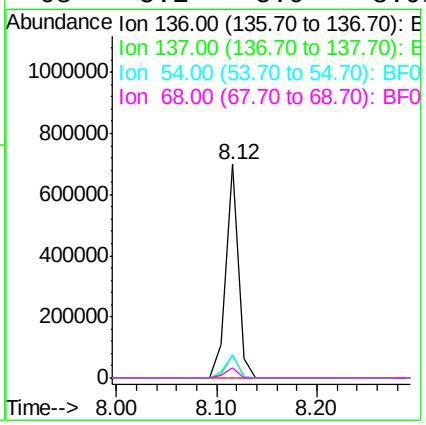


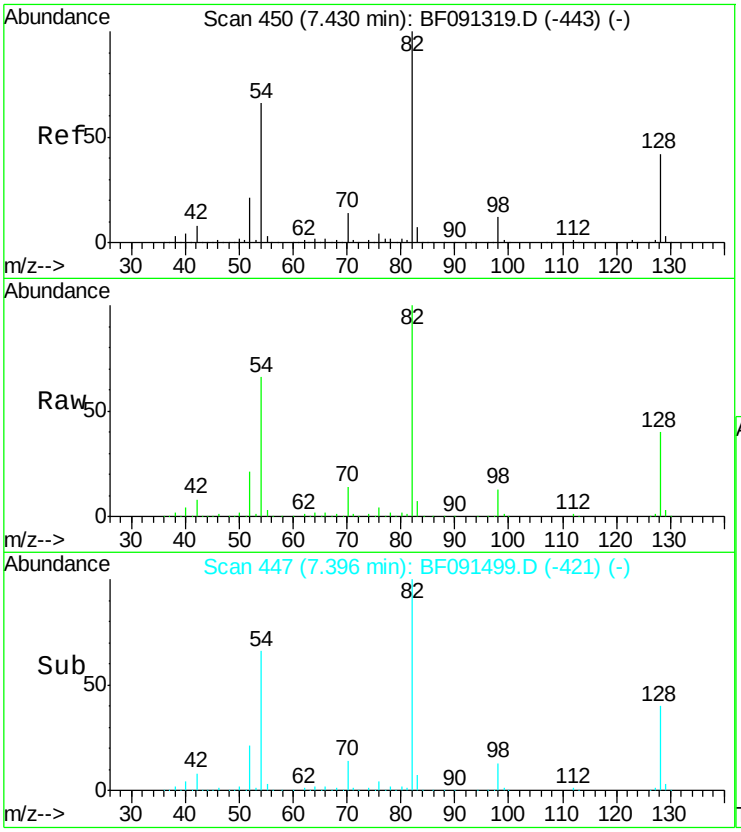


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Tgt Ion:136 Resp: 603442

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.9	9.1	13.7
68	5.1	5.9	8.9#



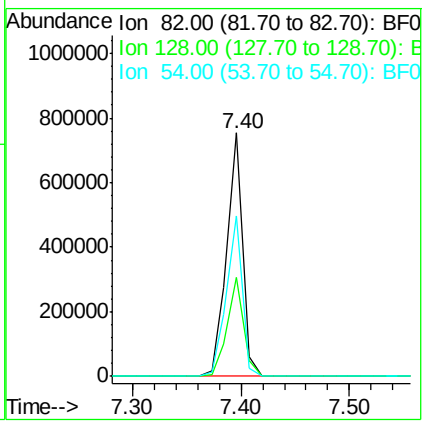


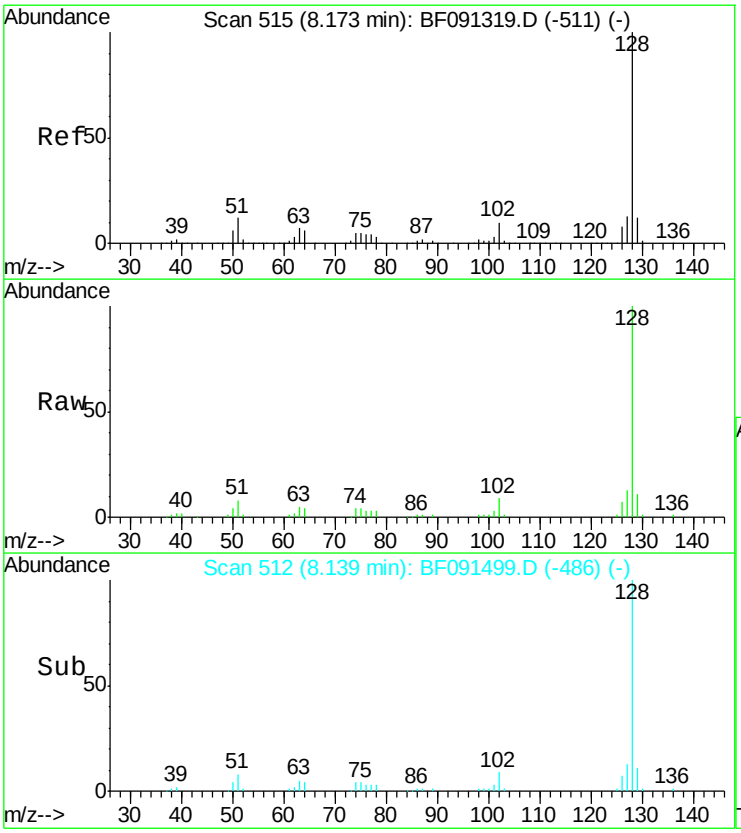
#23
Nitrobenzene-d5
Concen: 70.43 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

Tgt Ion: 82 Resp: 758418

Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.8	47.6
54	66.1	49.1	73.7

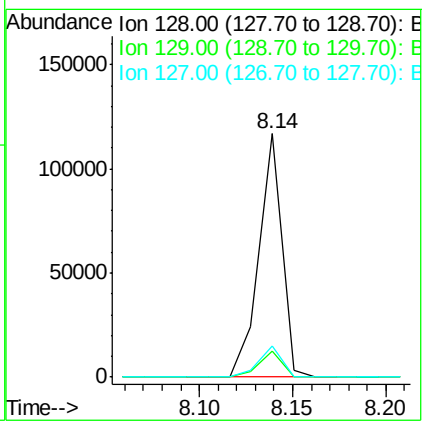


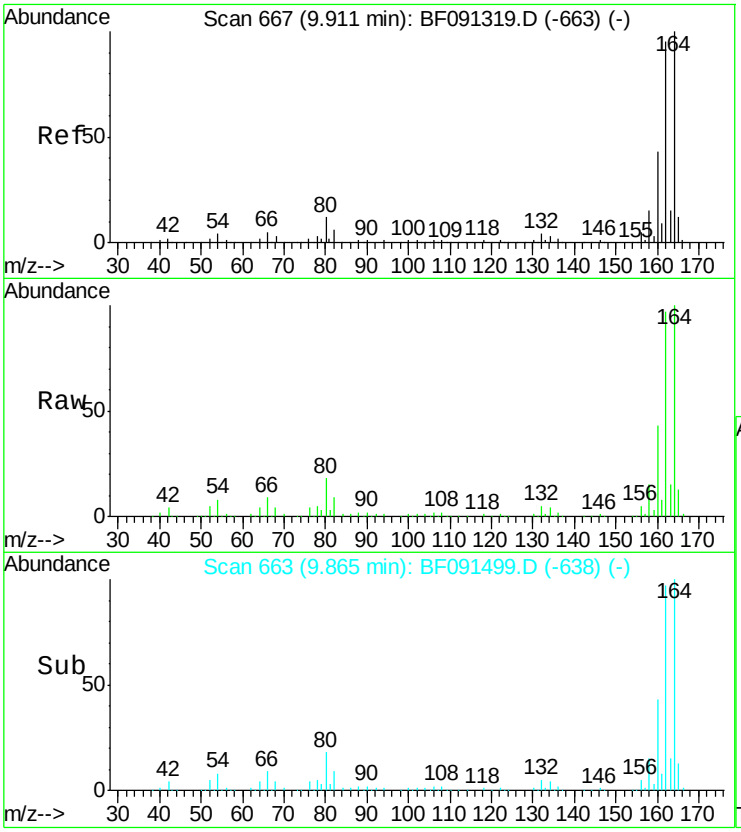


#31
Naphthalene
Concen: 3.47 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Tgt Ion:128 Resp: 99644

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	12.7	11.0	16.4



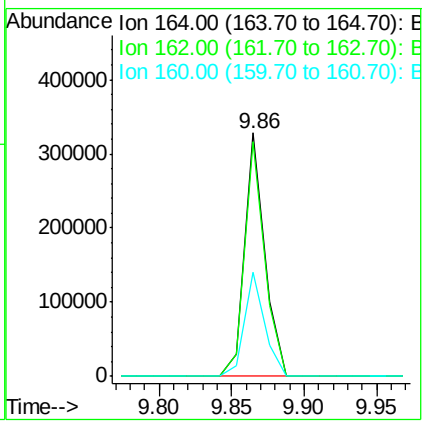


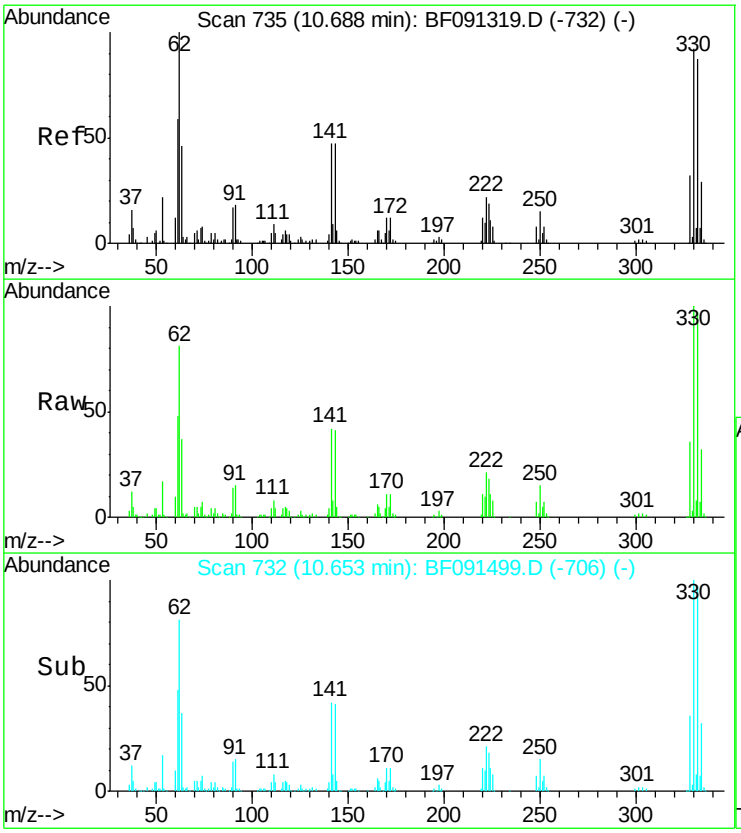
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

Tgt Ion:164 Resp: 316758

Ion	Ratio	Lower	Upper
164	100		
162	96.5	82.6	124.0
160	42.7	36.7	55.1

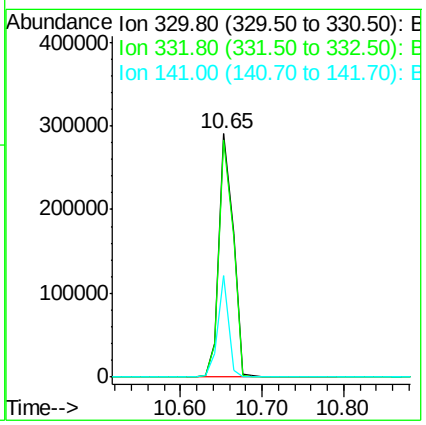


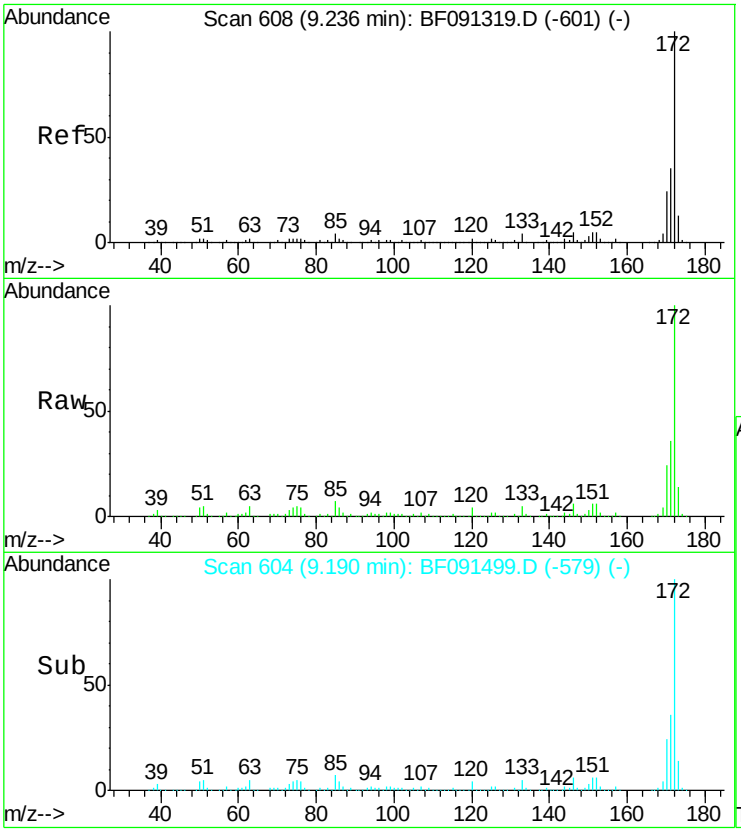


#41
2,4,6-Tribromophenol
Concen: 117.17 ng
RT: 10.65 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Tgt Ion:330 Resp: 351381

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	31.0	33.6	50.4#



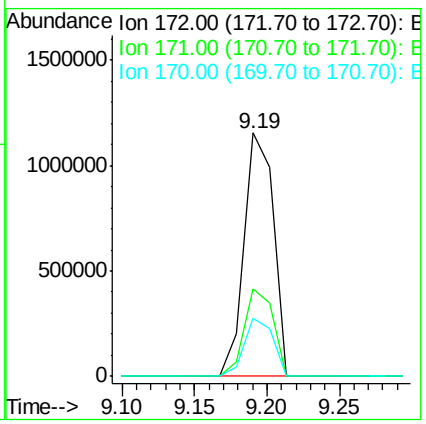


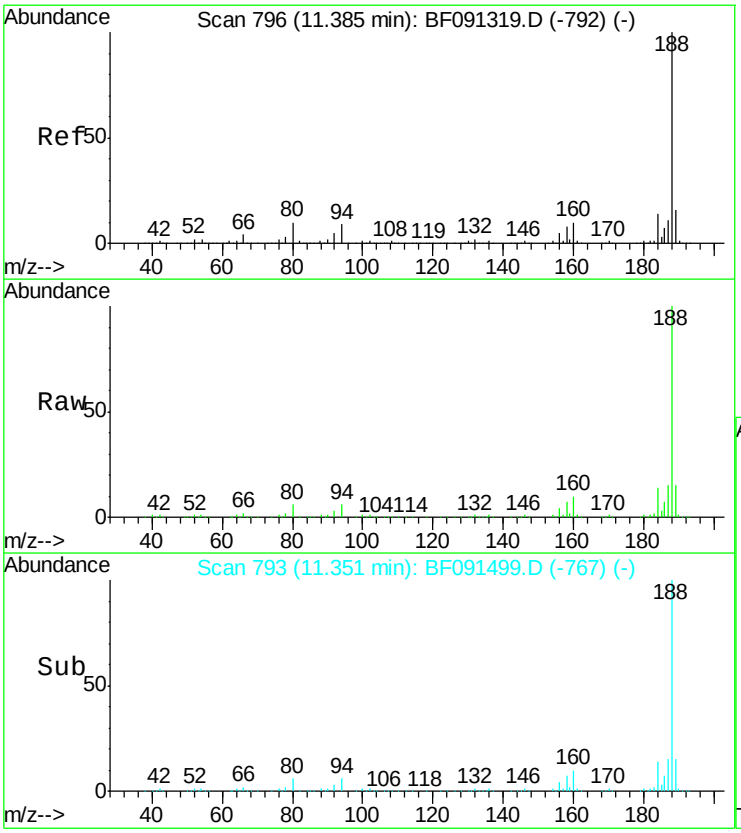
#44
2-Fluorobiphenyl
Concen: 92.47 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

Tgt Ion:172 Resp: 1617646

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	23.9	19.7	29.5

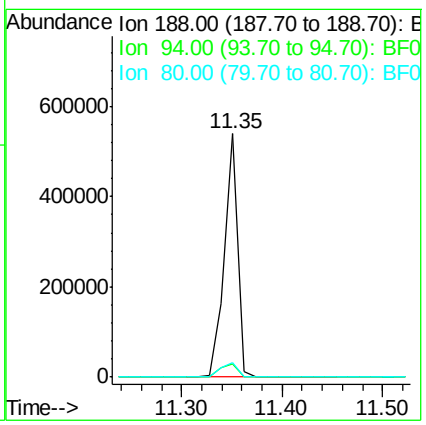


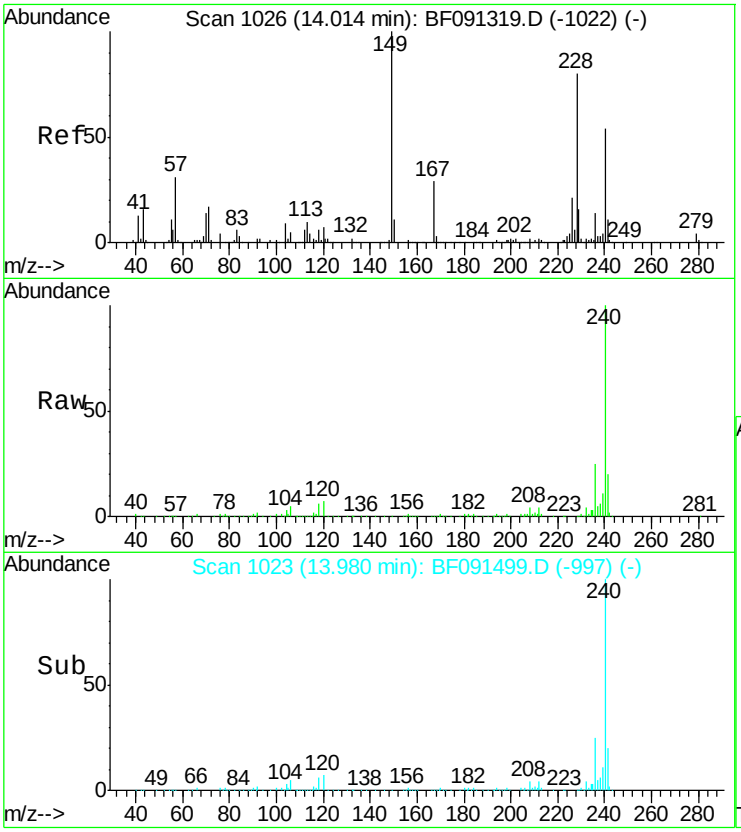


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Tgt Ion:188 Resp: 497971

Ion	Ratio	Lower	Upper
188	100		
94	5.5	9.2	13.8#
80	6.1	10.5	15.7#



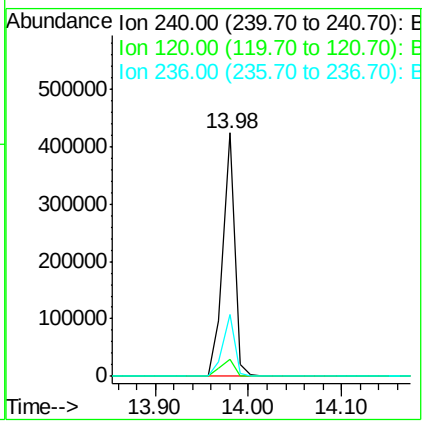


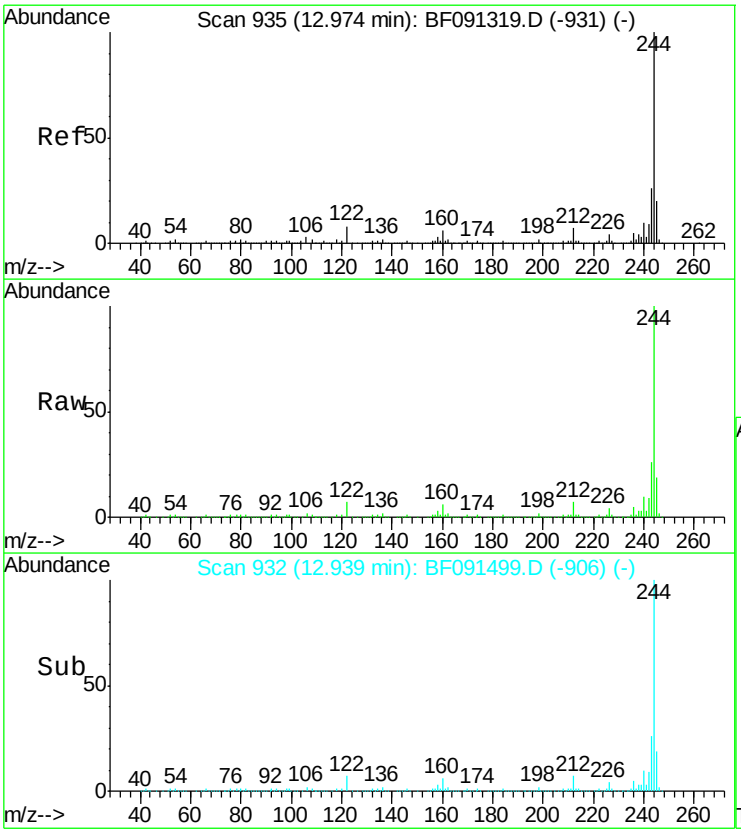
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

Tgt Ion:240 Resp: 377624

Ion	Ratio	Lower	Upper
240	100		
120	6.9	12.1	18.1#
236	25.1	21.0	31.6

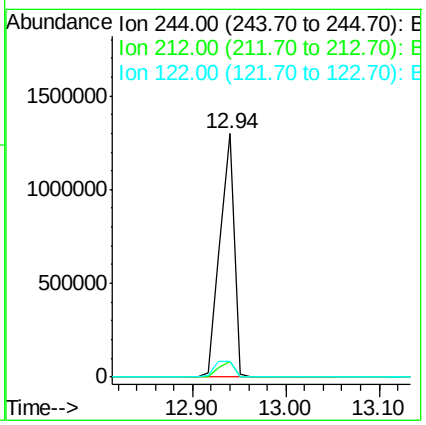


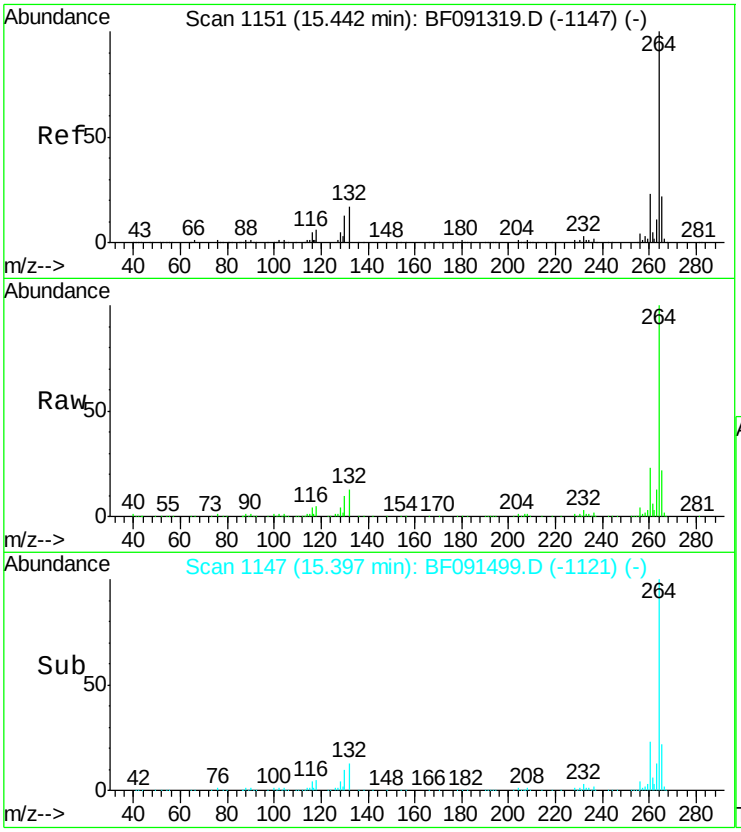


#78
Terphenyl-d14
Concen: 78.90 ng
RT: 12.94 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Tgt Ion:244 Resp: 1370816

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	6.7	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

Tgt Ion:264 Resp: 309434

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