Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088263.D
Acq On : 22 Jun 2016 21:45
Operator : UM/SJ
Sample : H3676-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCHC-010

Quant Time: Jun 23 03:55:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	73953	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	322158	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	142039	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	251232	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	165509	20.00	ng	0.00
86) Perylene-d12	15.11	264	153752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	544516	125.87	ng	0.01
7) Phenol-d6	6.26	99	703899	134.26	ng	0.00
23) Nitrobenzene-d5	7.18	82	435946	79.02	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	134332	89.57	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	739239	81.53	ng	0.00
78) Terphenyl-d14	12.70	244	523593	71.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.37	163	92049	8.95	ng	99

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

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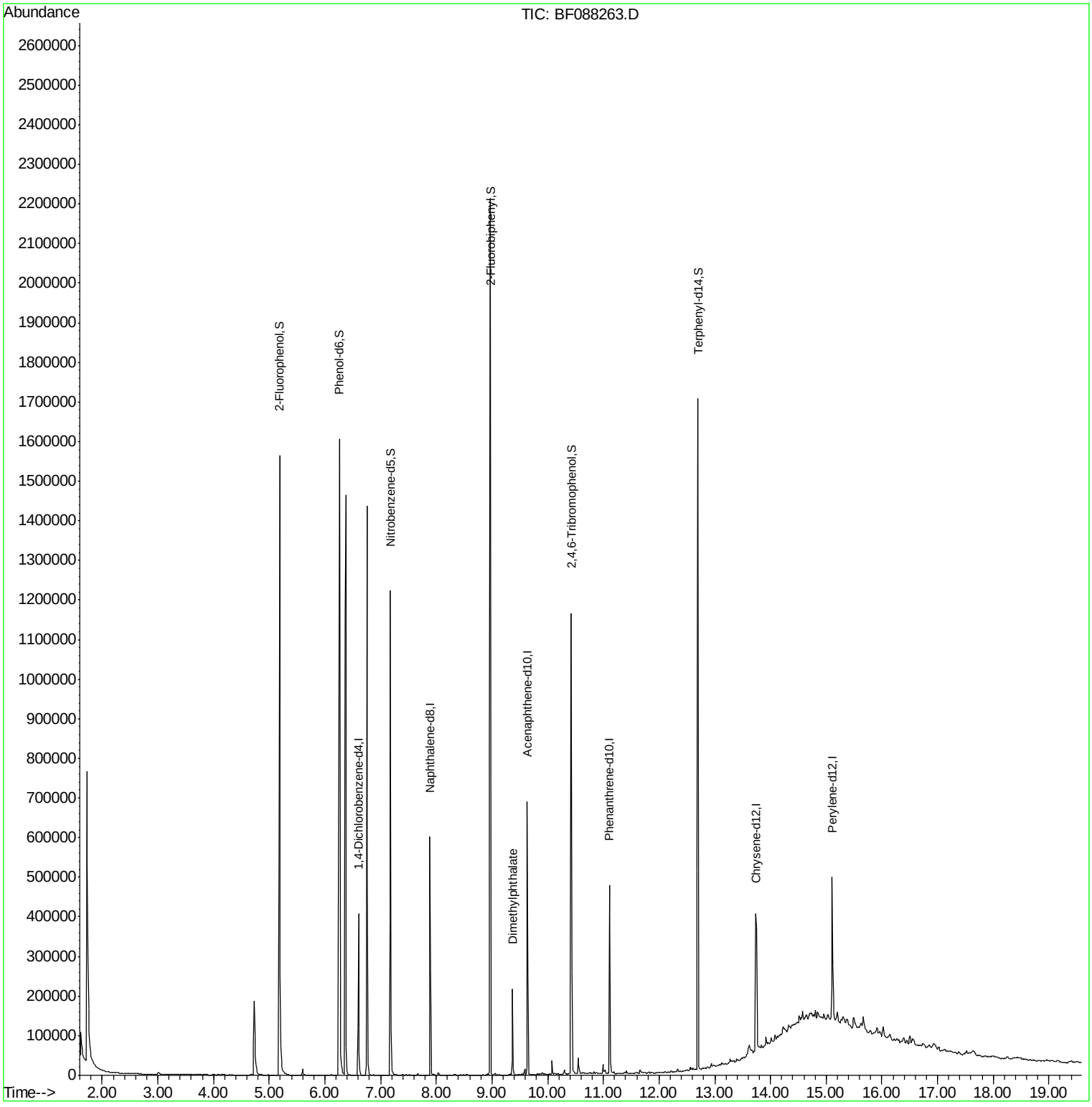
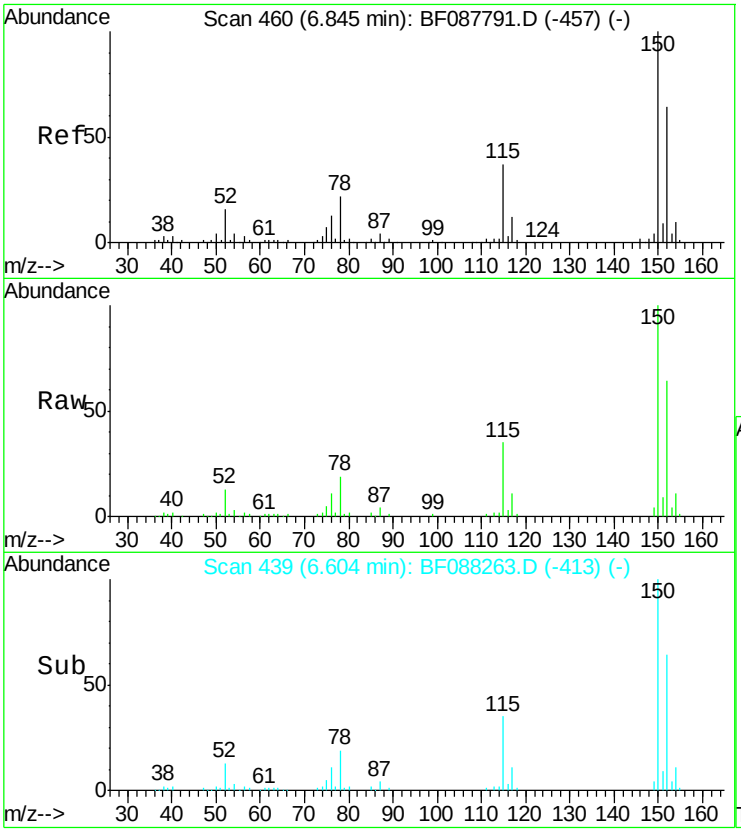


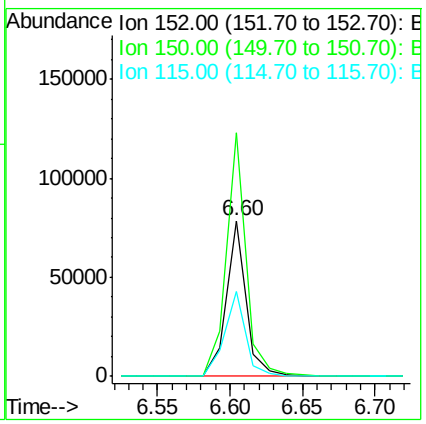


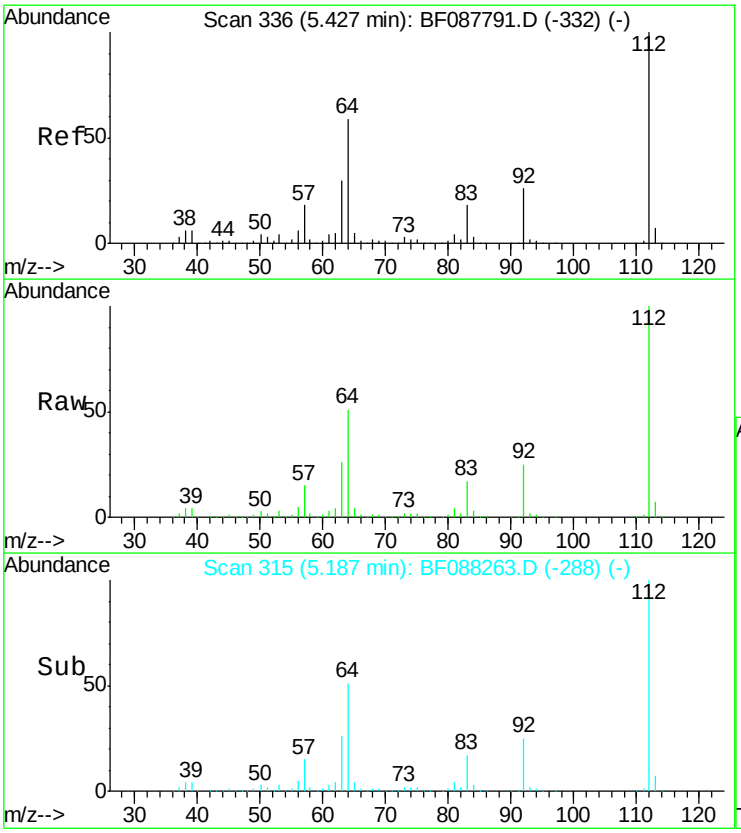
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Instrument :
BNA_F
ClientSampleId :
NCHC-010

Tgt Ion:152 Resp: 73953

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.6
115	54.3	39.6	59.4

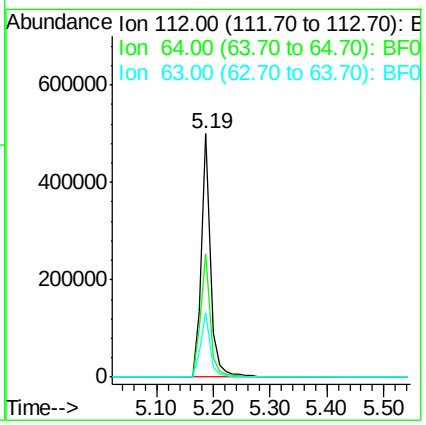


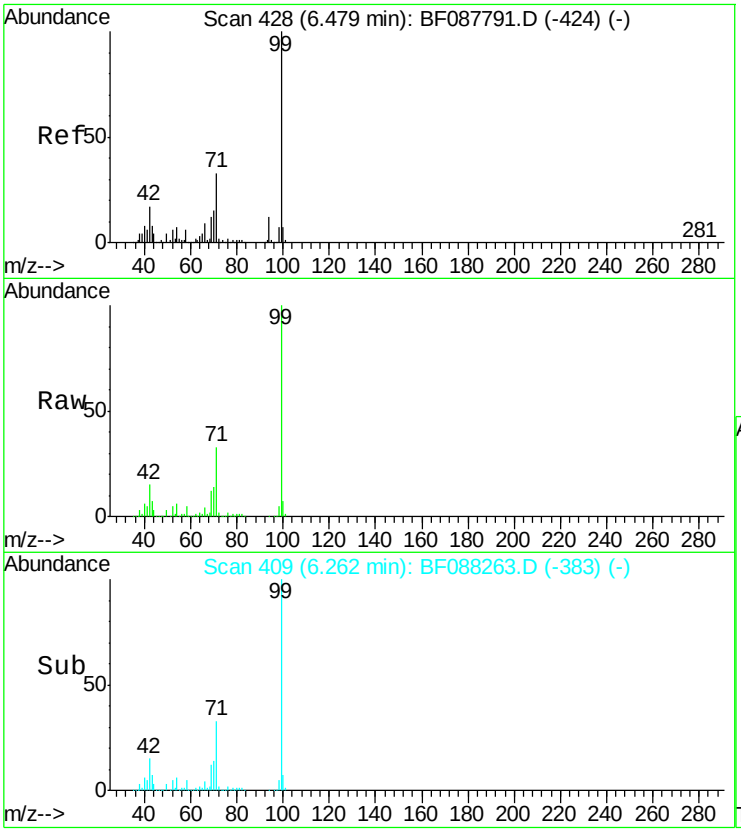


#5
2-Fluorophenol
Concen: 125.87 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Tgt Ion:112 Resp: 544516

Ion	Ratio	Lower	Upper
112	100		
64	50.9	42.2	63.2
63	26.3	21.8	32.8



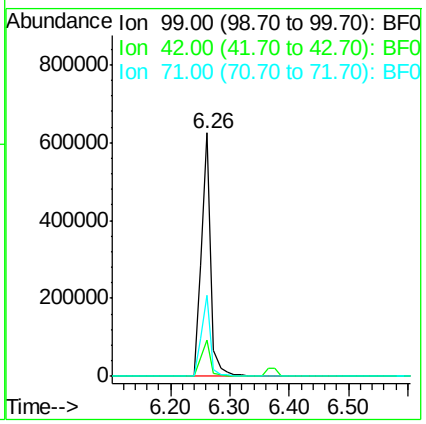


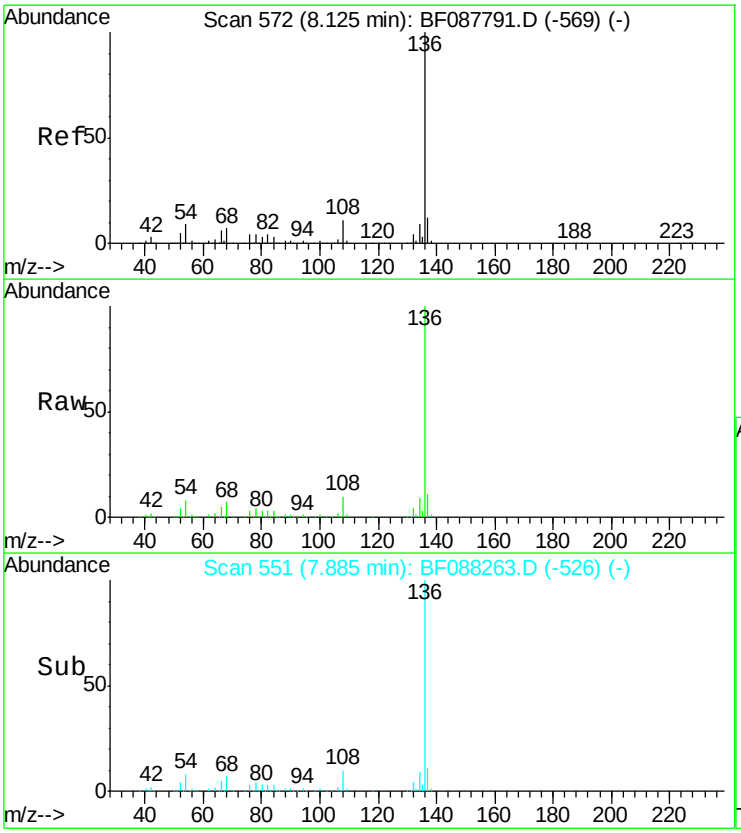
#7
Phenol-d6
Concen: 134.26 ng
RT: 6.26 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Instrument :
BNA_F
ClientSampleId :
NCHC-010

Tgt Ion: 99 Resp: 703899

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.2	18.2
71	33.4	23.4	35.0

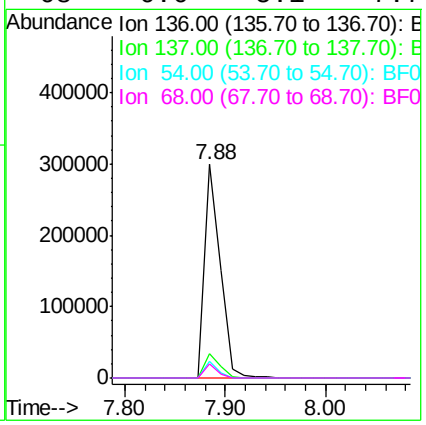


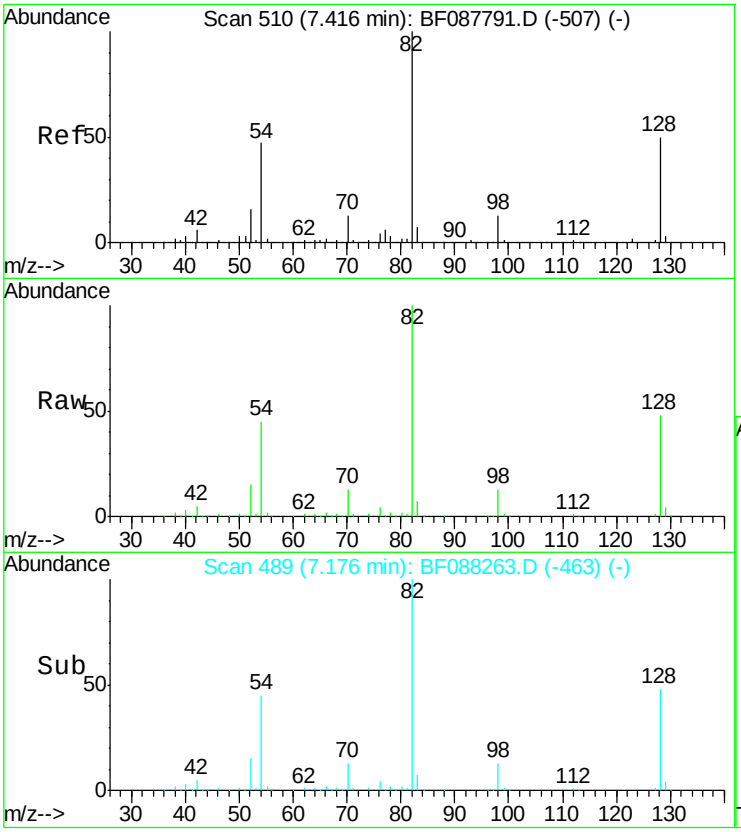


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Tgt Ion:136 Resp: 322158

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.1	6.6	10.0
68	6.6	5.1	7.7



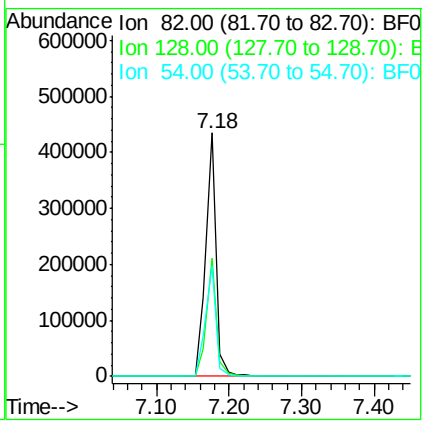


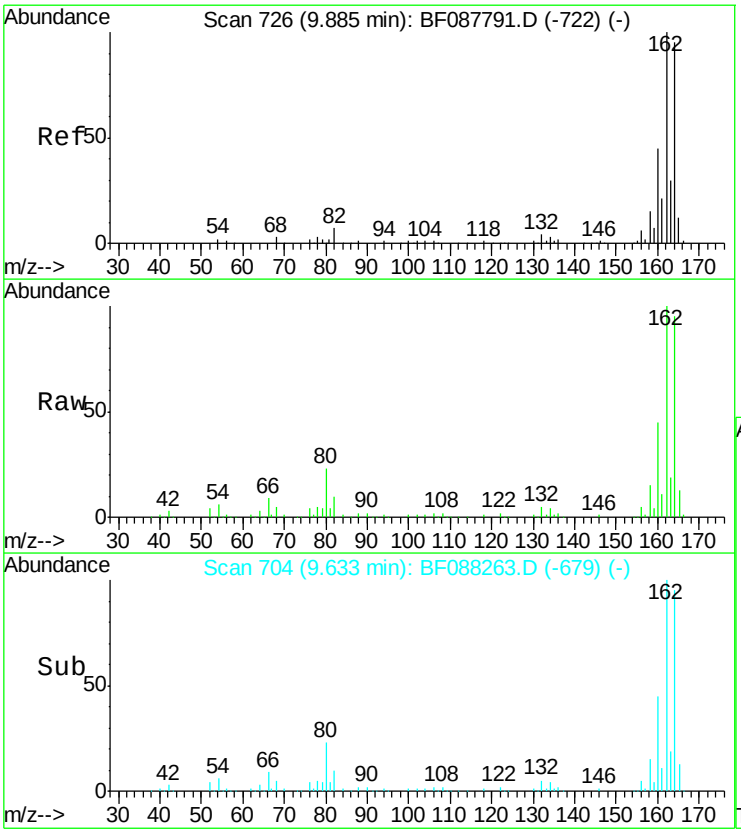
#23
Nitrobenzene-d5
Concen: 79.02 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Instrument :
BNA_F
ClientSampleId :
NCHC-010

Tgt Ion: 82 Resp: 435946

Ion	Ratio	Lower	Upper
82	100		
128	48.3	35.9	53.9
54	45.2	40.9	61.3

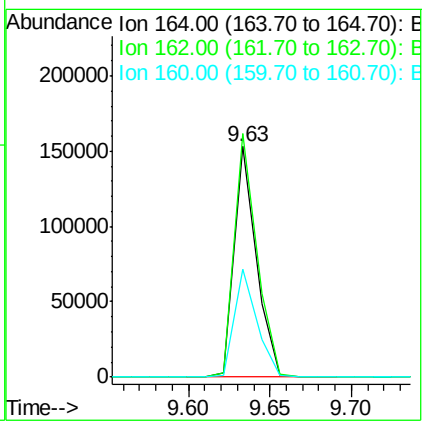


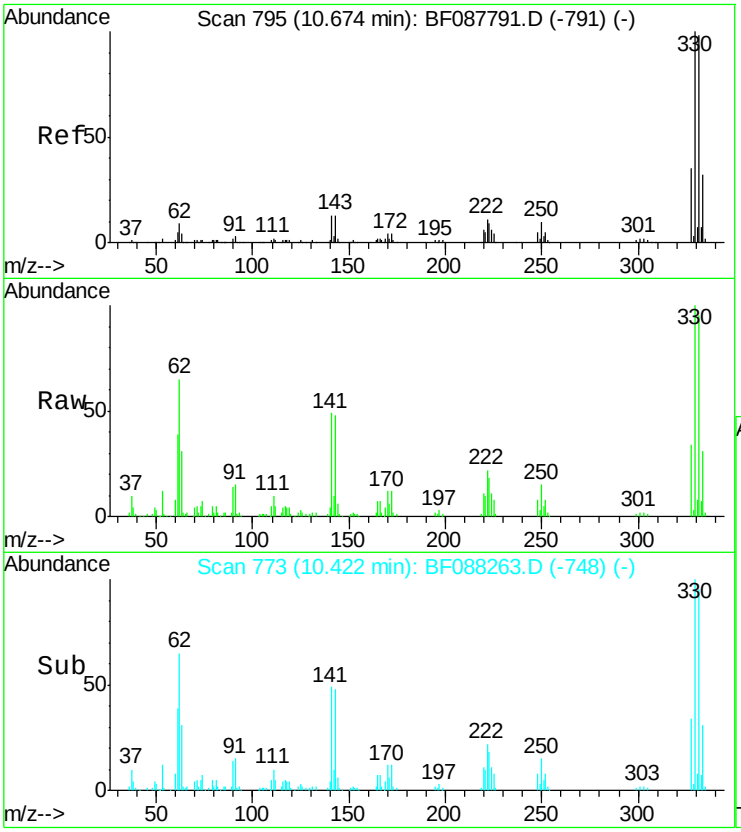


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Tgt Ion:164 Resp: 142039

Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.4	128.2
160	47.0	39.5	59.3



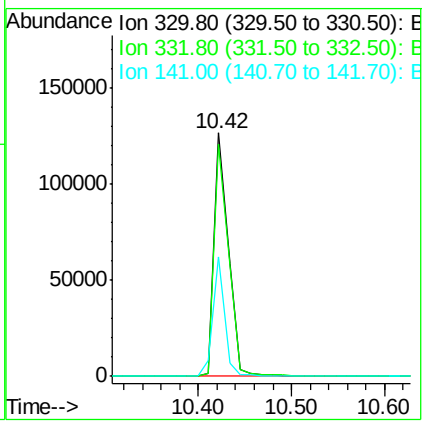


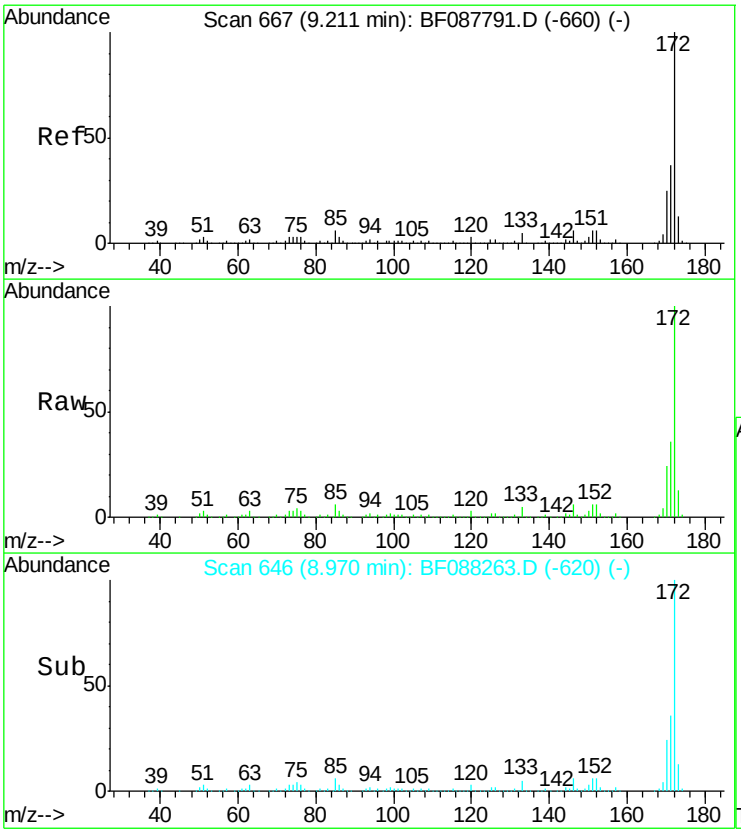
#41
2,4,6-Tribromophenol
Concen: 89.57 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Instrument :
BNA_F
ClientSampleId :
NCHC-010

Tgt Ion:330 Resp: 134332

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	40.7	0.0	0.0#

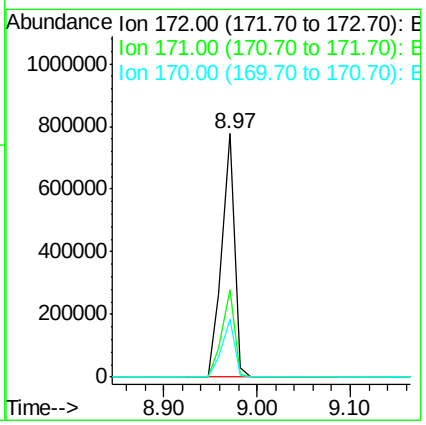


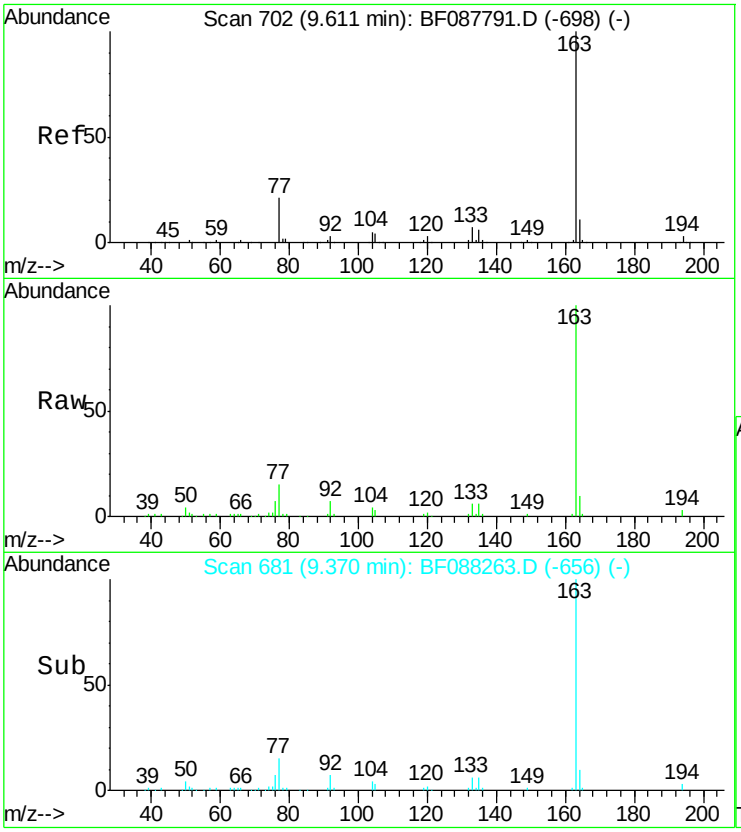


#44
2-Fluorobiphenyl
Concen: 81.53 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Tgt Ion:172 Resp: 739239

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.0	19.2	28.8



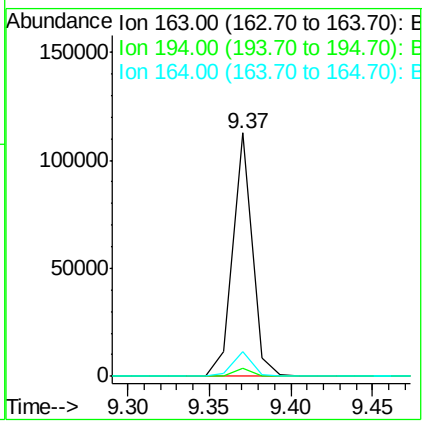


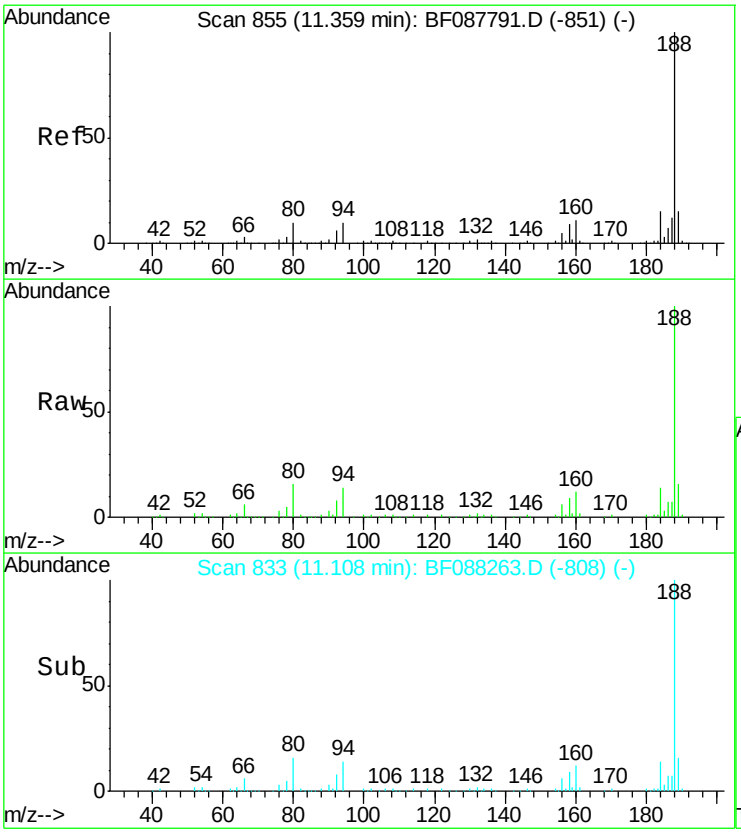
#49
Dimethylphthalate
Concen: 8.95 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Instrument :
BNA_F
ClientSampleId :
NCHC-010

Tgt Ion:163 Resp: 92049

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.0	8.3	12.5

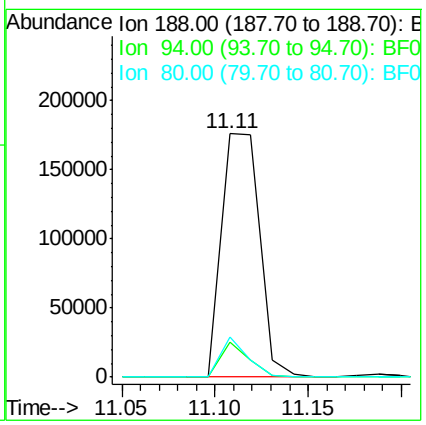


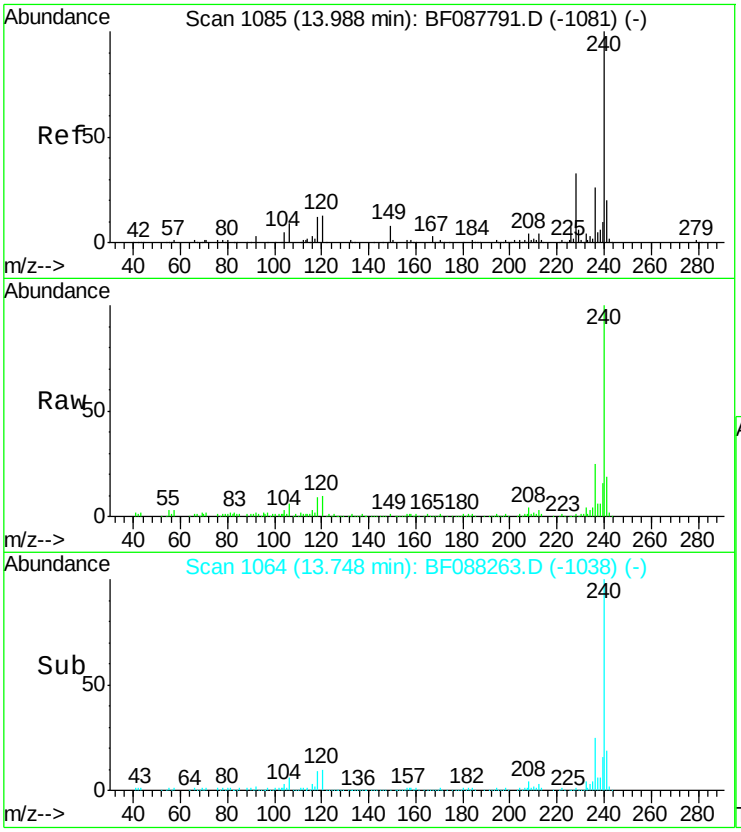


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Tgt Ion:188 Resp: 251232

Ion	Ratio	Lower	Upper
188	100		
94	14.5	9.0	13.6#
80	16.4	10.0	15.0#



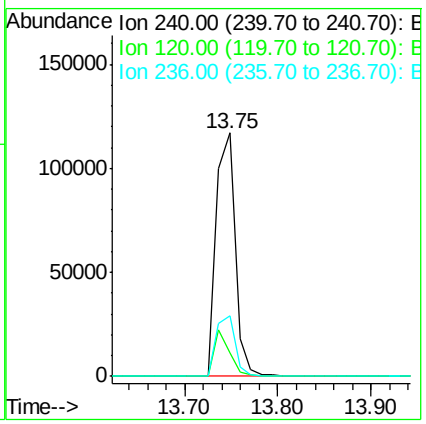


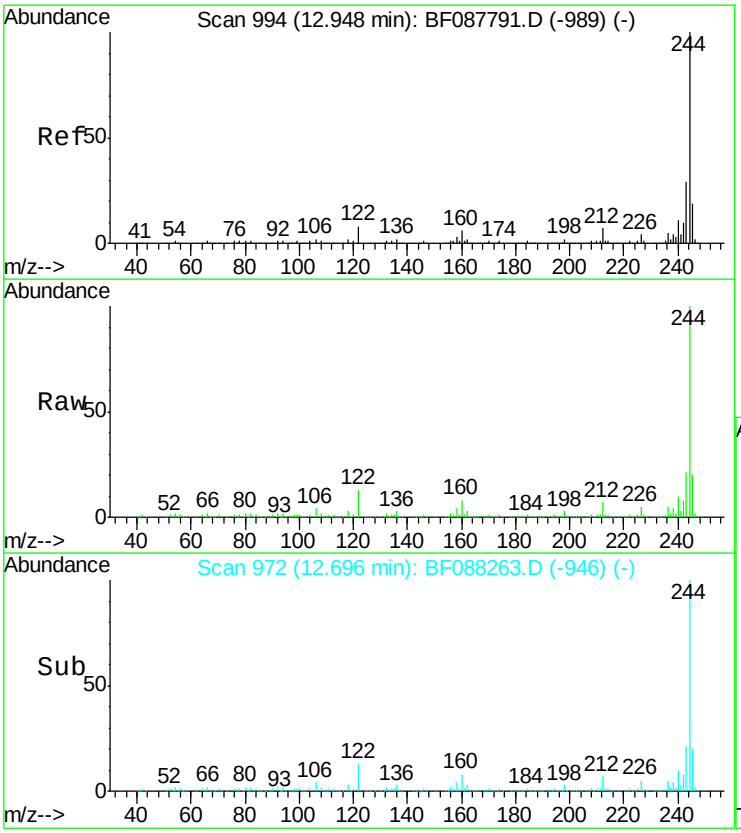
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Instrument :
BNA_F
ClientSampleId :
NCHC-010

Tgt Ion:240 Resp: 165509

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.8	10.2
236	24.9	20.2	30.2

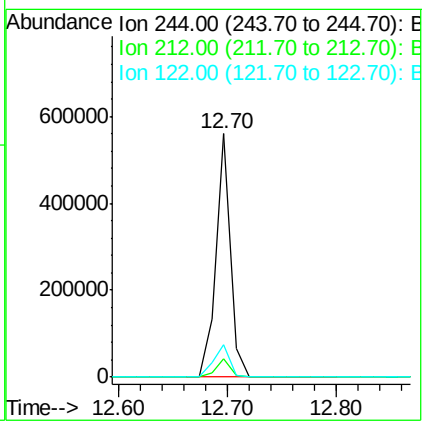


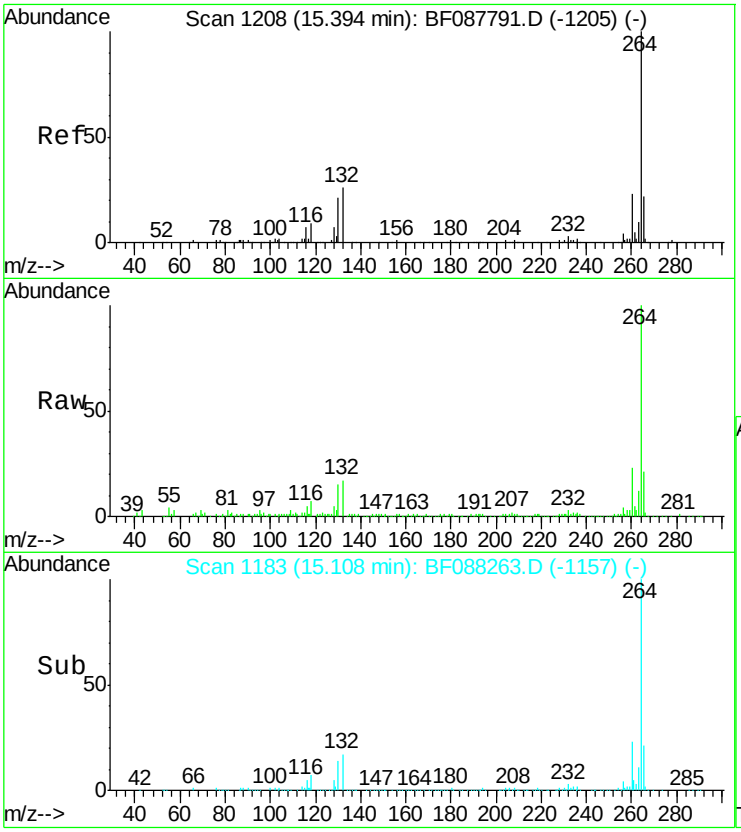


#78
Terphenyl-d14
Concen: 71.99 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Tgt Ion:244 Resp: 523593

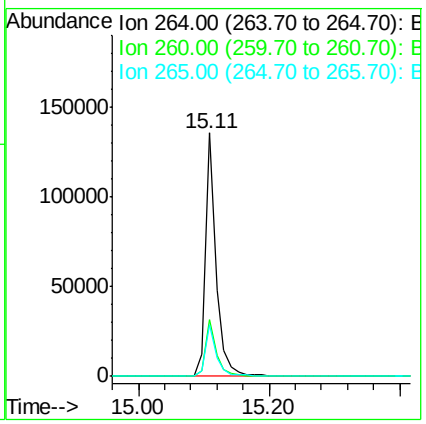
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.2	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF088263.D
Acq: 22 Jun 2016 21:45

Instrument :
BNA_F
ClientSampleId :
NCHC-010

Tgt Ion:264 Resp: 153752

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	16.9	25.3