Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088201.D
Acq On : 21 Jun 2016 6:05
Operator : UM/SJ
Sample : H3611-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-UP4-COMP

Quant Time: Jun 21 06:51:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	82703	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	346232	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	156834	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	315351	20.00	ng	0.00
75) Chrysene-d12	13.81	240	243218	20.00	ng	0.00
86) Perylene-d12	15.18	264	104787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	660717	136.58	ng	0.02
7) Phenol-d6	6.33	99	770551	131.43	ng	0.00
23) Nitrobenzene-d5	7.23	82	487809	82.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	215031	129.85	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	886667	89.08	ng	-0.01
78) Terphenyl-d14	12.77	244	931773	87.18	ng	0.00

Target Compounds	Qvalue

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

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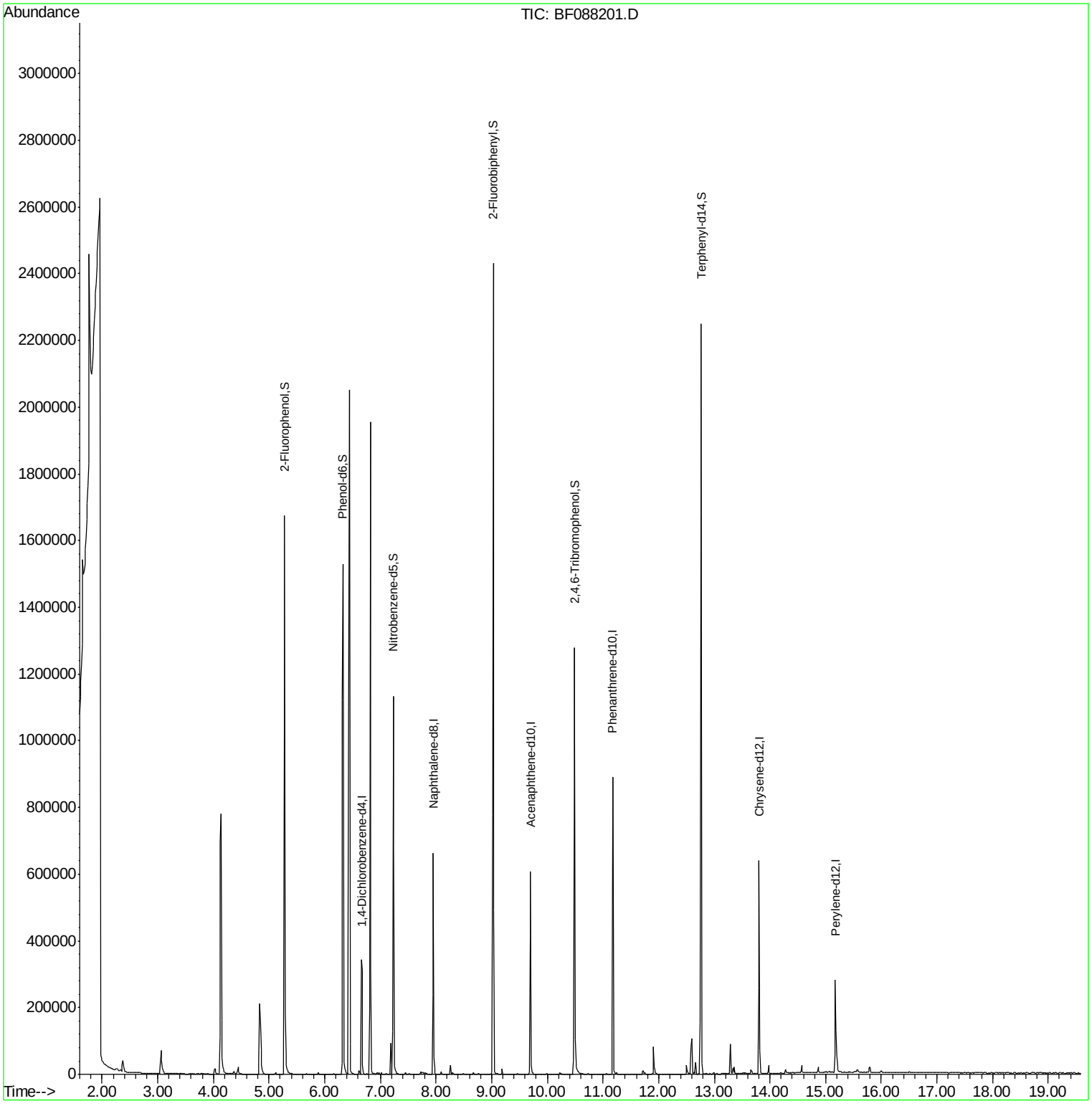
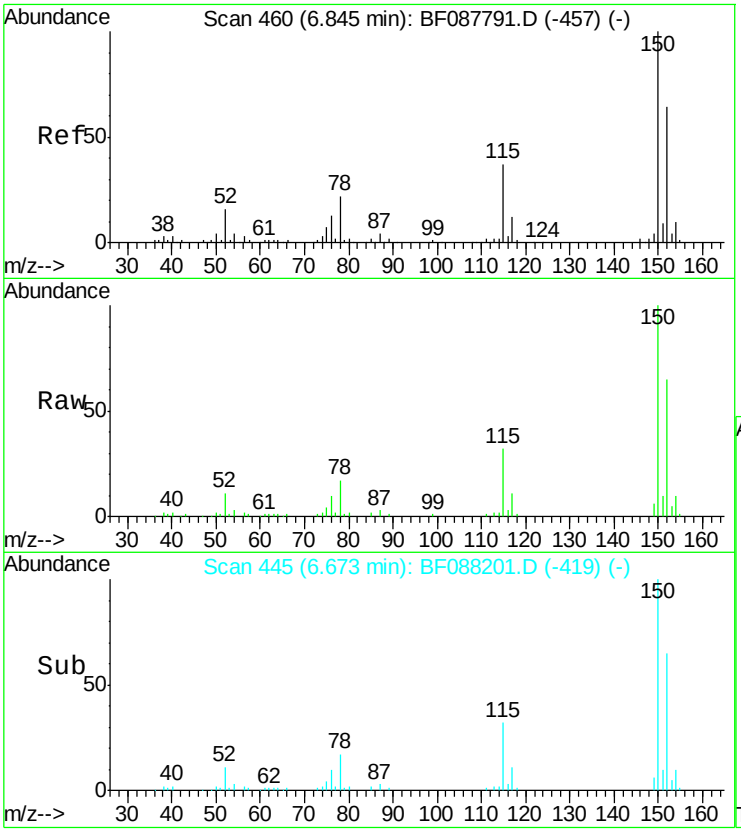


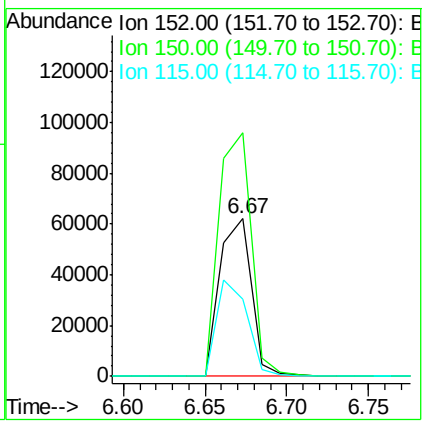


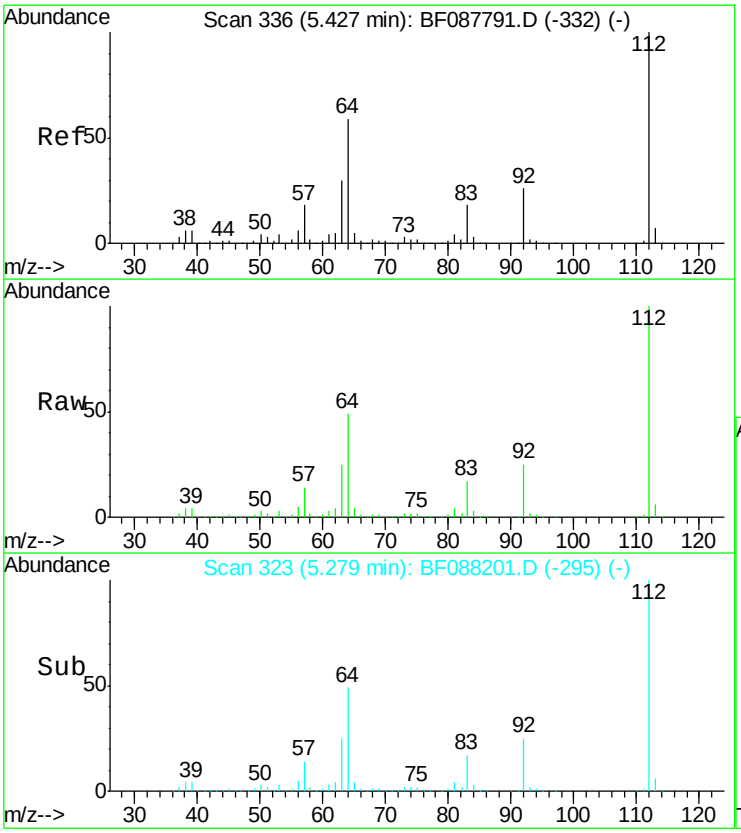
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF088201.D
Acq: 21 Jun 2016 6:05

Instrument :
BNA_F
ClientSampleId :
PL-UP4-COMP

Tgt Ion:152 Resp: 82703

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.8	185.6
115	49.1	39.6	59.4

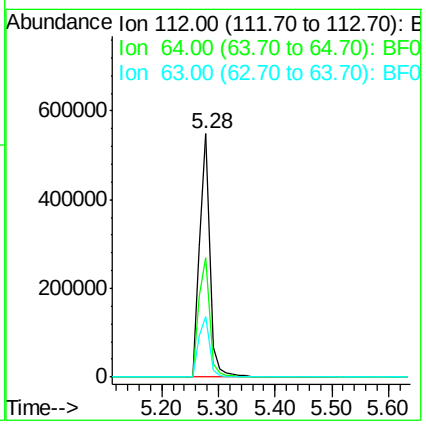


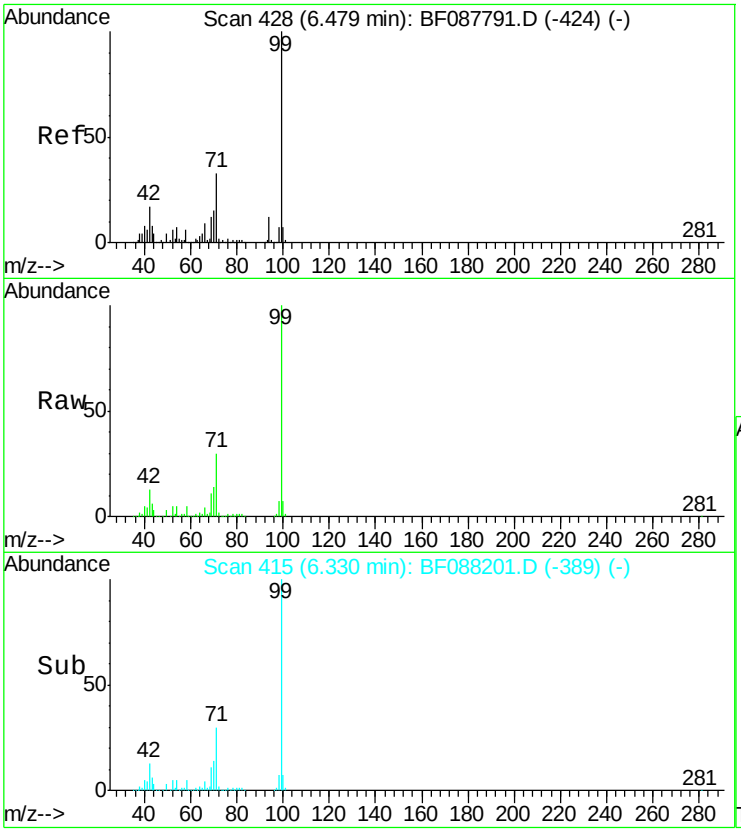


#5
2-Fluorophenol
Concen: 136.58 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.02 min
Lab File: BF088201.D
Acq: 21 Jun 2016 6:05

Tgt Ion:112 Resp: 660717

Ion	Ratio	Lower	Upper
112	100		
64	49.0	42.2	63.2
63	25.0	21.8	32.8



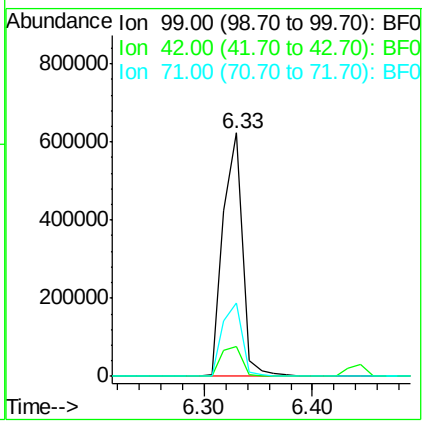


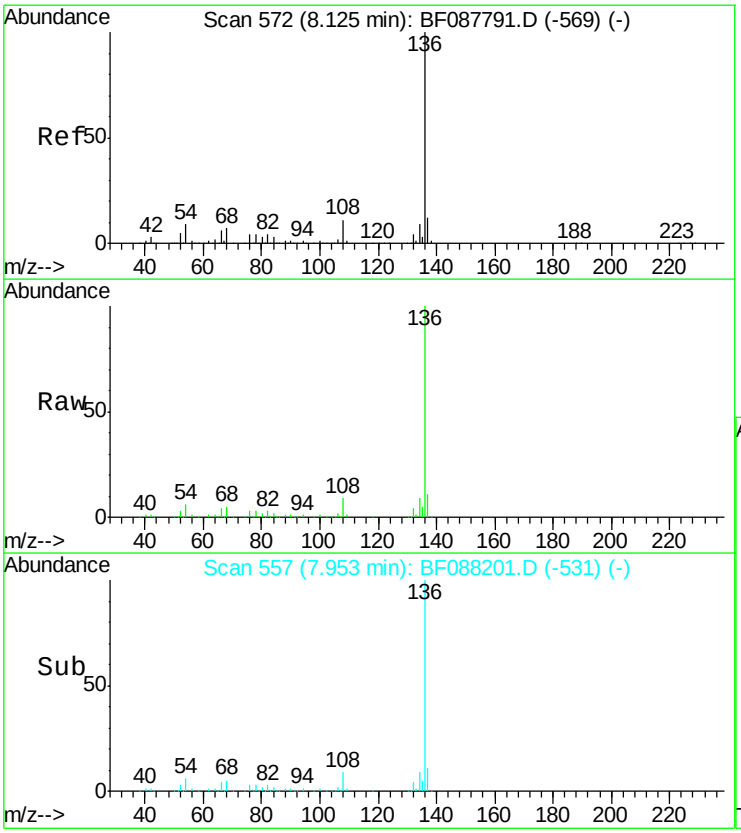
#7
Phenol-d6
Concen: 131.43 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF088201.D
Acq: 21 Jun 2016 6:05

Instrument :
BNA_F
ClientSampleId :
PL-UP4-COMP

Tgt Ion: 99 Resp: 770551

Ion	Ratio	Lower	Upper
99	100		
42	12.5	12.2	18.2
71	30.1	23.4	35.0

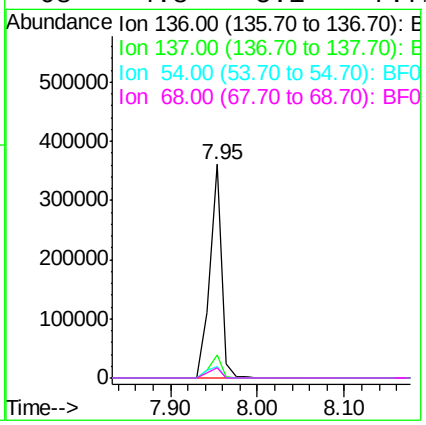


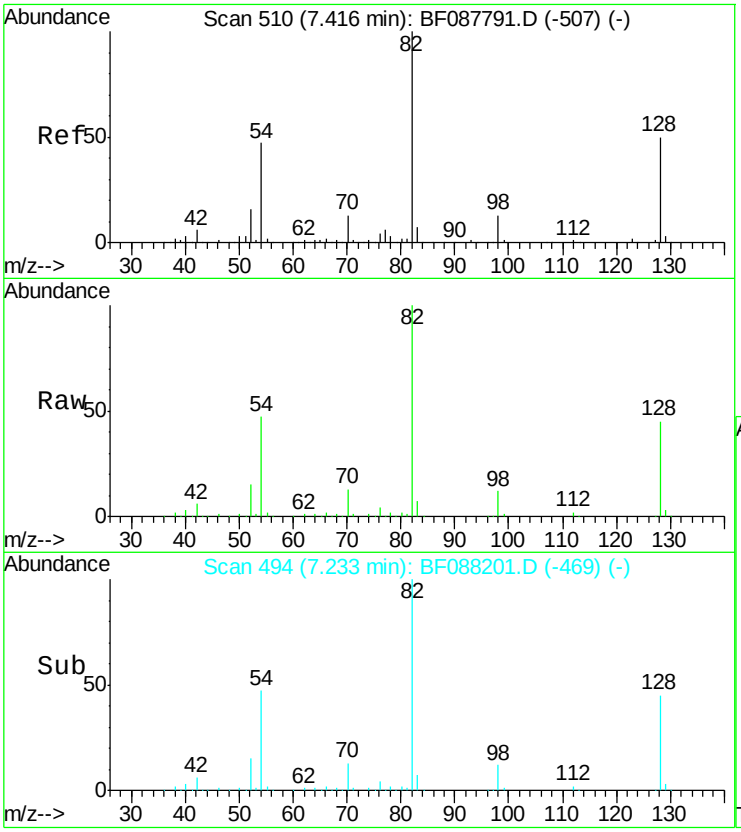


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088201.D
Acq: 21 Jun 2016 6:05

Tgt Ion:136 Resp: 346232

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.5	6.6	10.0#
68	4.8	5.1	7.7#



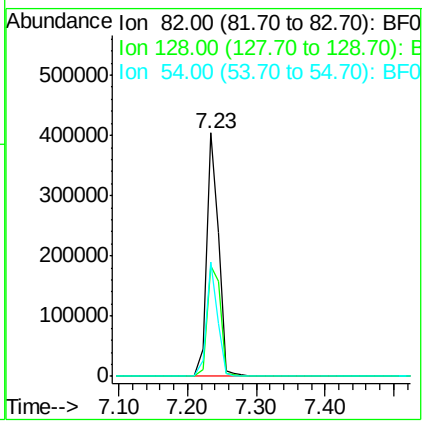


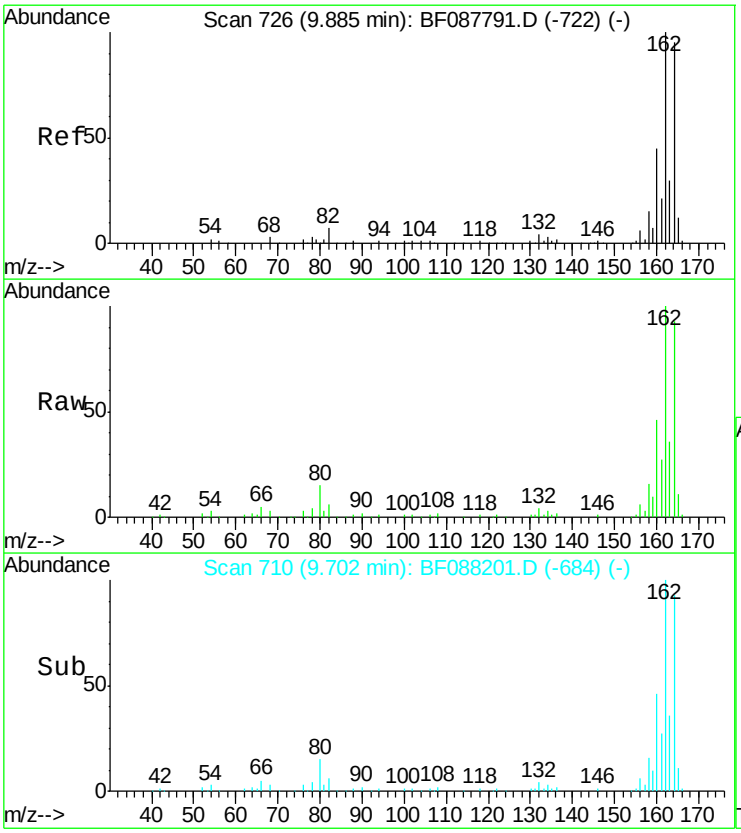
#23
Nitrobenzene-d5
Concen: 82.27 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088201.D
Acq: 21 Jun 2016 6:05

Instrument :
BNA_F
ClientSampleId :
PL-UP4-COMP

Tgt Ion: 82 Resp: 487809

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.9	53.9
54	46.7	40.9	61.3

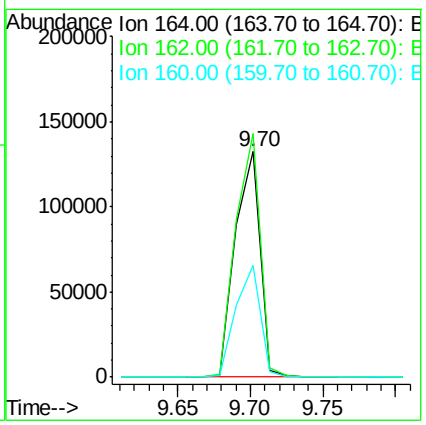


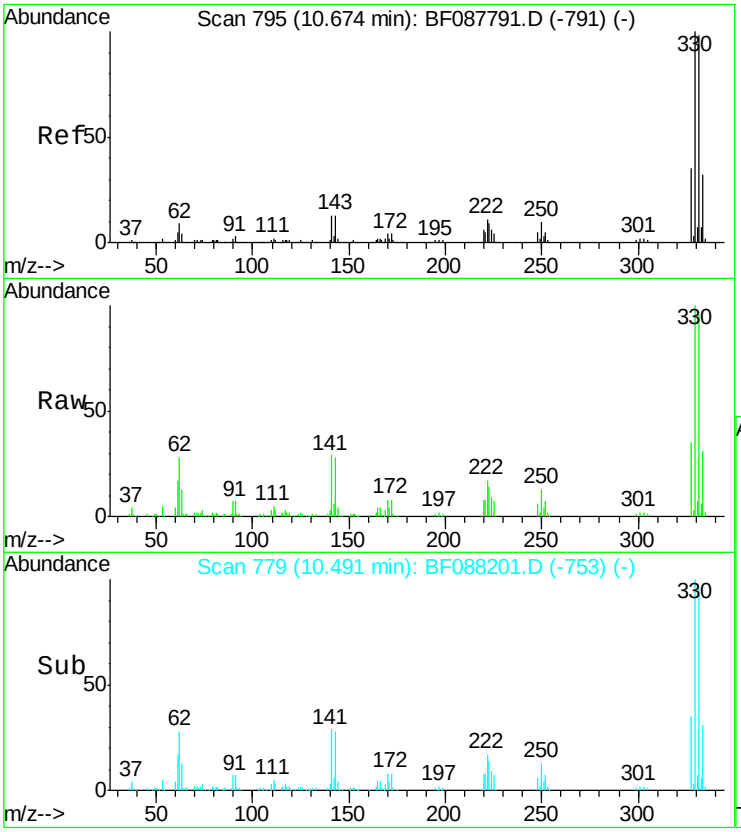


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088201.D
Acq: 21 Jun 2016 6:05

Tgt Ion:164 Resp: 156834

Ion	Ratio	Lower	Upper
164	100		
162	107.9	85.4	128.2
160	49.4	39.5	59.3



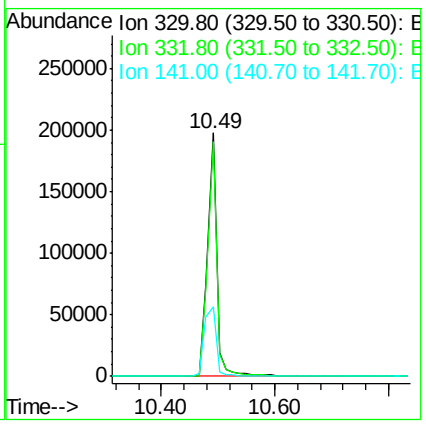


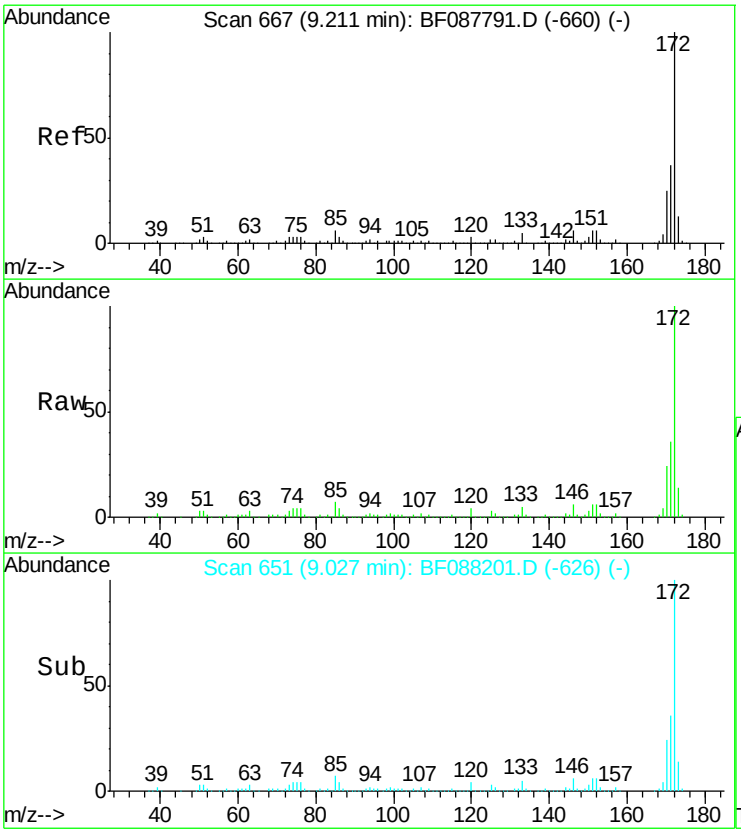
#41
2,4,6-Tribromophenol
Concen: 129.85 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088201.D
Acq: 21 Jun 2016 6:05

Instrument :
BNA_F
ClientSampleId :
PL-UP4-COMP

Tgt Ion:330 Resp: 215031

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	37.6	0.0	0.0#

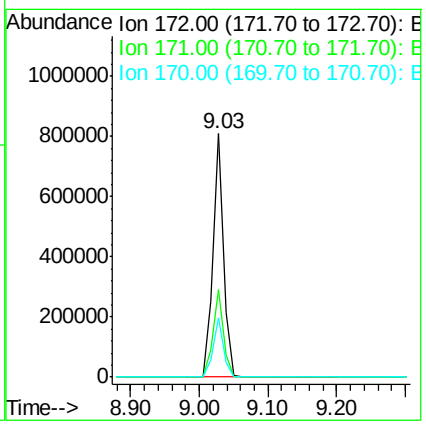


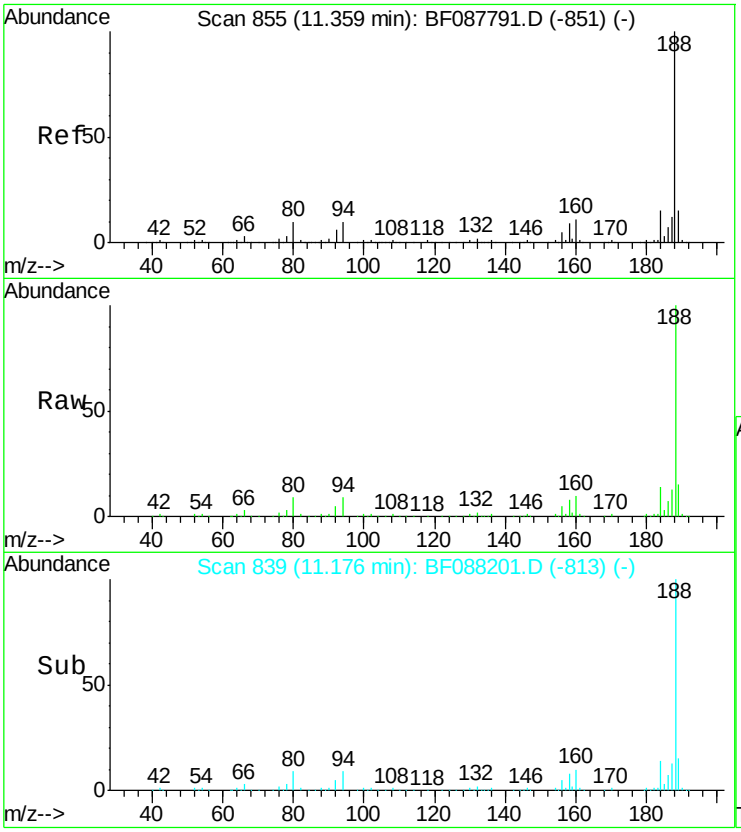


#44
2-Fluorobiphenyl
Concen: 89.08 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF088201.D
Acq: 21 Jun 2016 6:05

Tgt Ion:172 Resp: 886667

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.1	19.2	28.8



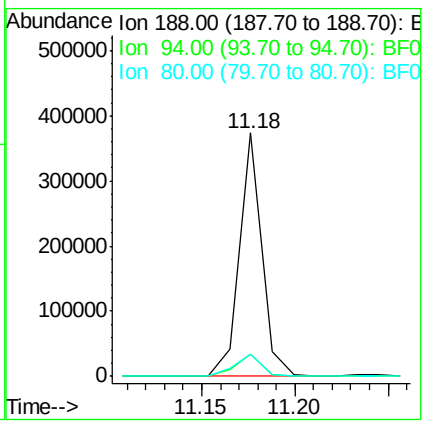


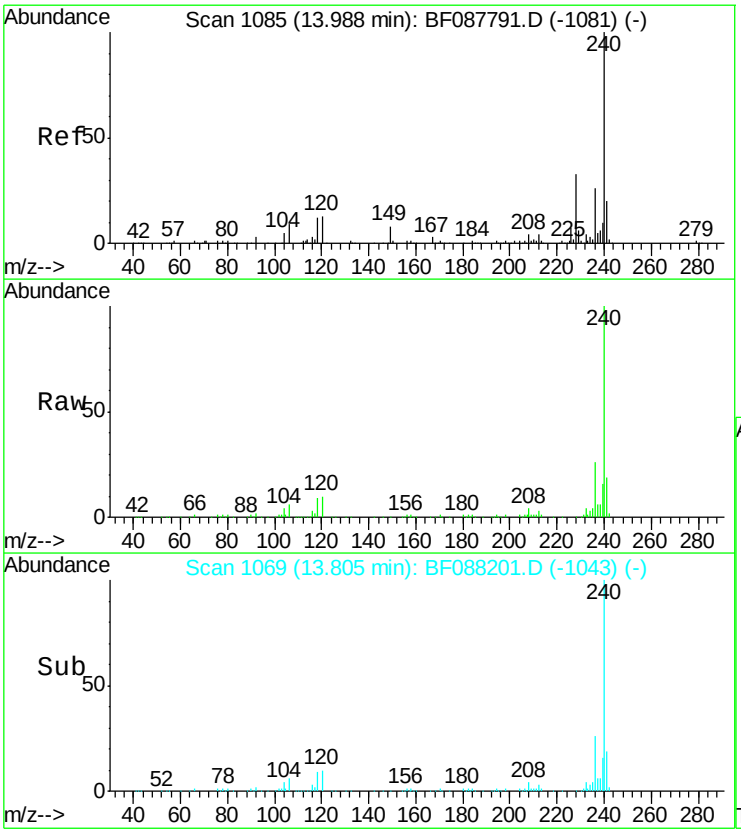
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088201.D
Acq: 21 Jun 2016 6:05

Instrument :
BNA_F
ClientSampleId :
PL-UP4-COMP

Tgt Ion:188 Resp: 315351

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.6
80	9.1	10.0	15.0#

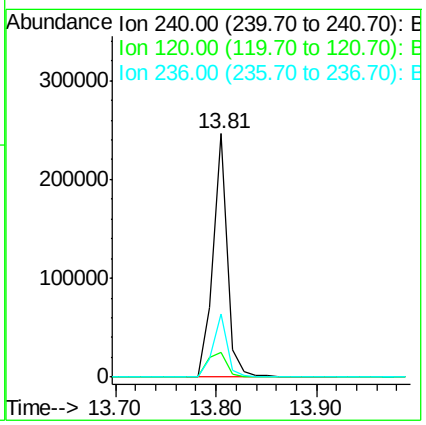


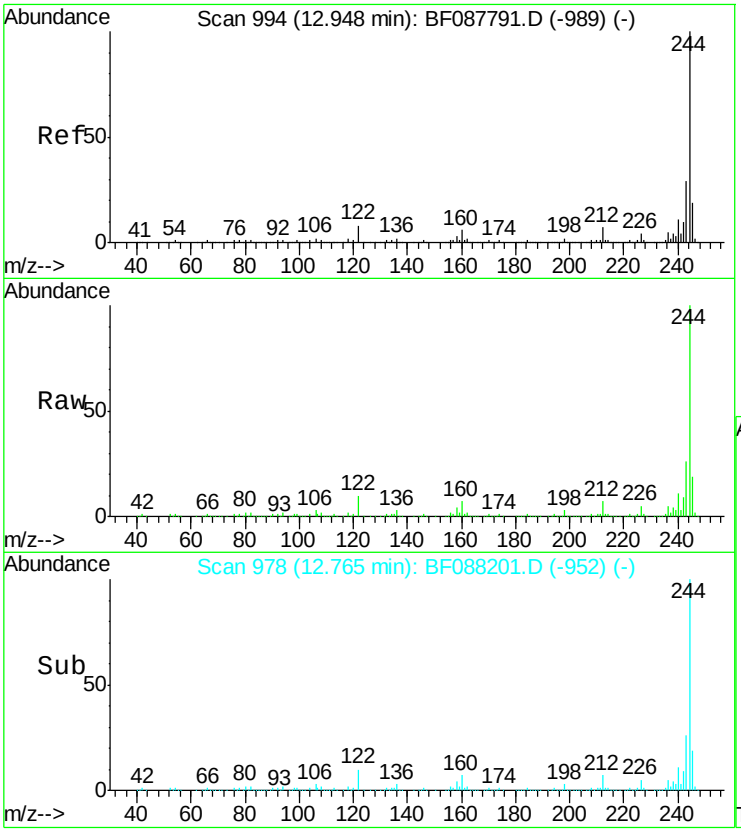


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088201.D
Acq: 21 Jun 2016 6:05

Tgt Ion:240 Resp: 243218

Ion	Ratio	Lower	Upper
240	100		
120	10.1	6.8	10.2
236	25.9	20.2	30.2



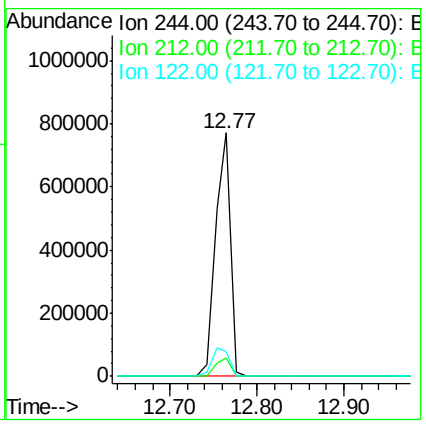


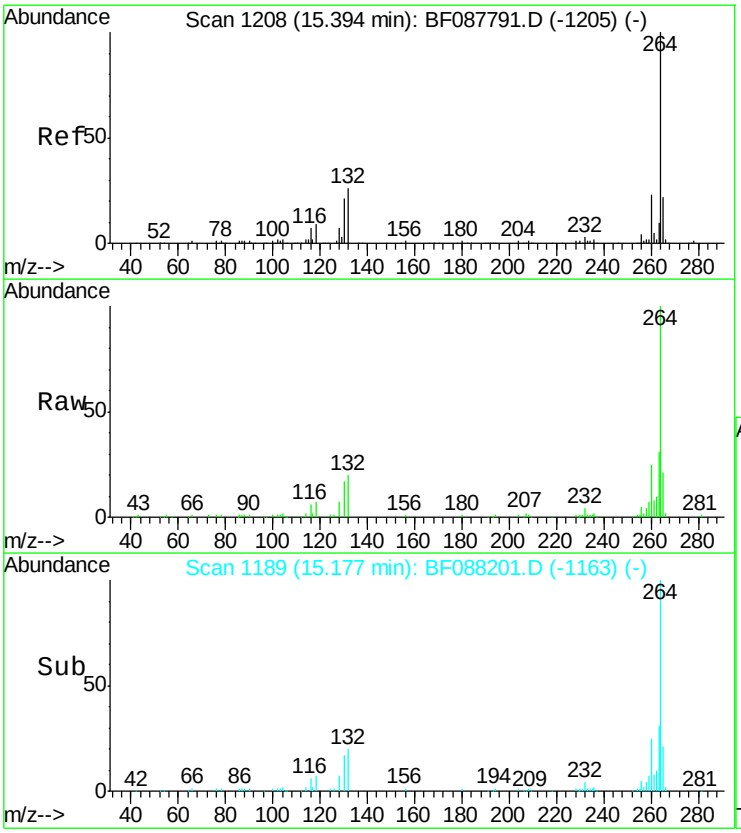
#78
Terphenyl-d14
Concen: 87.18 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF088201.D
Acq: 21 Jun 2016 6:05

Instrument :
BNA_F
ClientSampleId :
PL-UP4-COMP

Tgt Ion:244 Resp: 931773

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.3	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088201.D
Acq: 21 Jun 2016 6:05

Tgt Ion:264 Resp: 104787

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	20.9	16.9	25.3