Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089486.D
Acq On : 31 Jul 2016 22:48
Operator : UM/SJ
Sample : H4251-12 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-Y

Quant Time: Aug 01 06:49:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 04:11:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	35172	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	117445	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	48400	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	94015	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	95628	20.00	ng	-0.01
86) Perylene-d12	14.95	264	65185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	21052	9.56	ng	0.00
7) Phenol-d6	6.16	99	30046	10.32	ng	-0.01
23) Nitrobenzene-d5	7.07	82	16327	8.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	3985	9.94	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	26563	8.05	ng	-0.01
78) Terphenyl-d14	12.57	244	21085	5.16	ng	-0.01

Target Compounds	Qvalue

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

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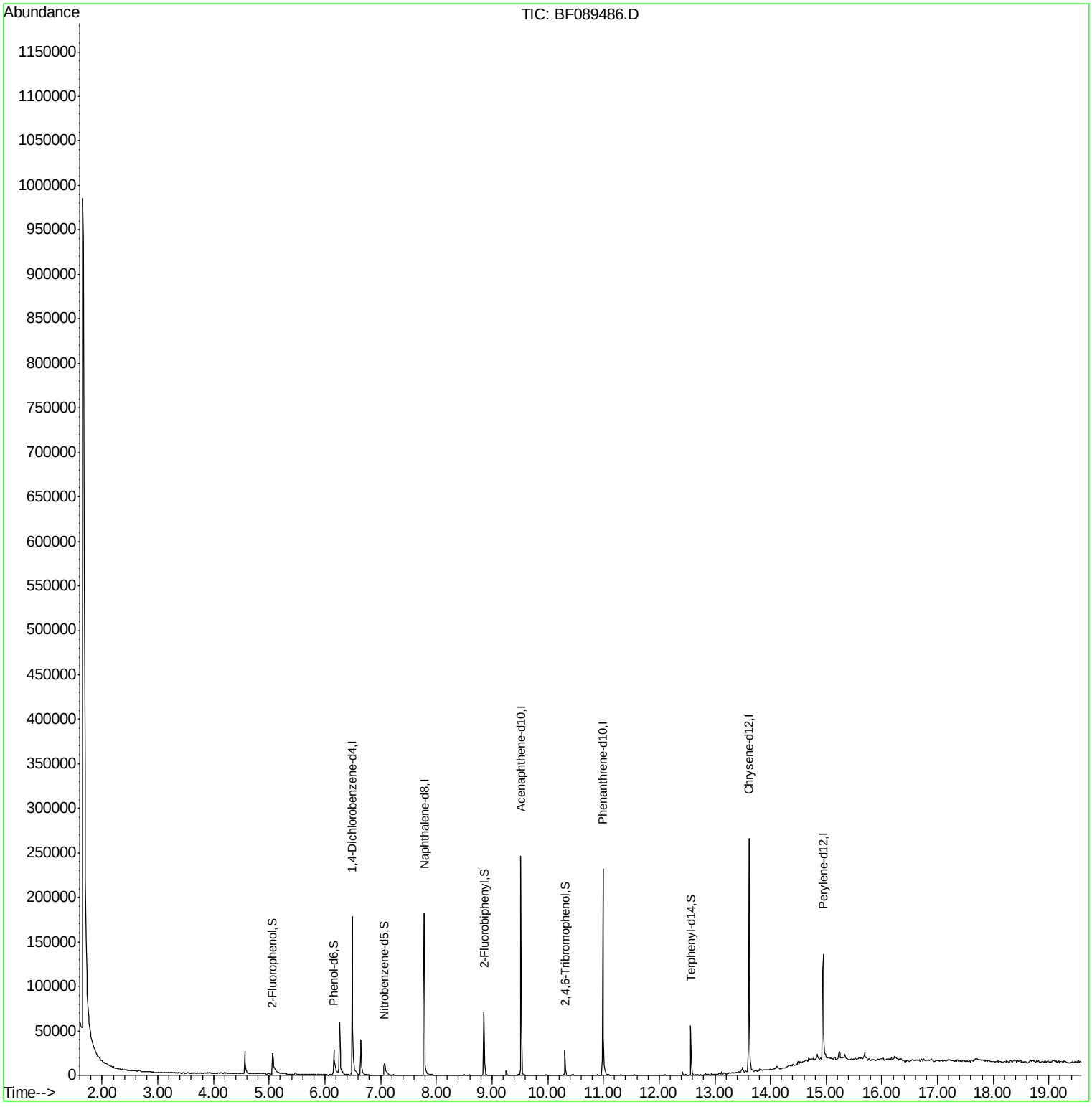
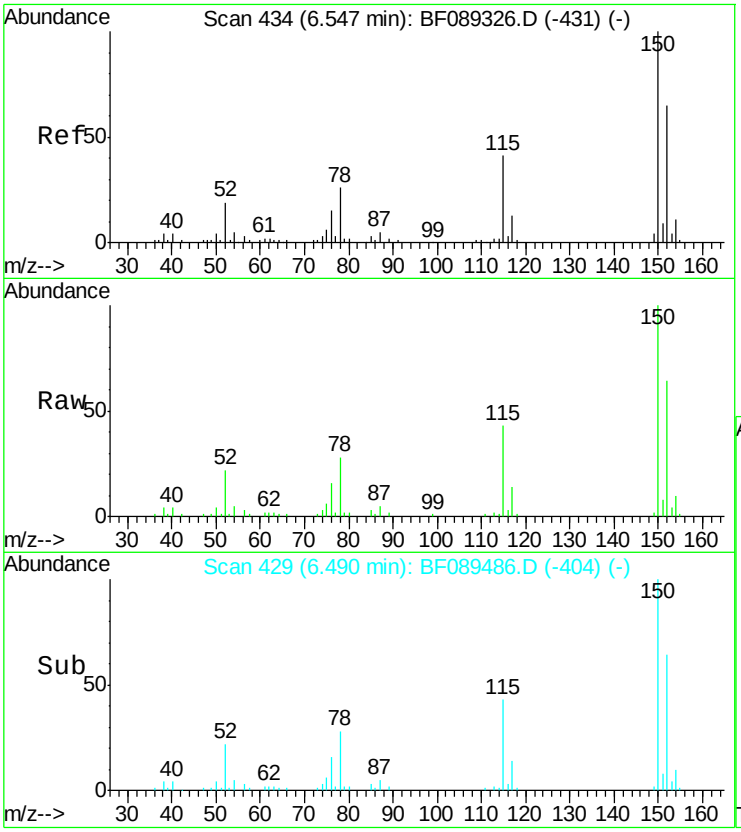


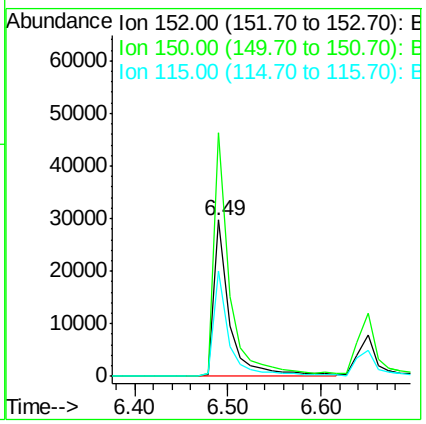


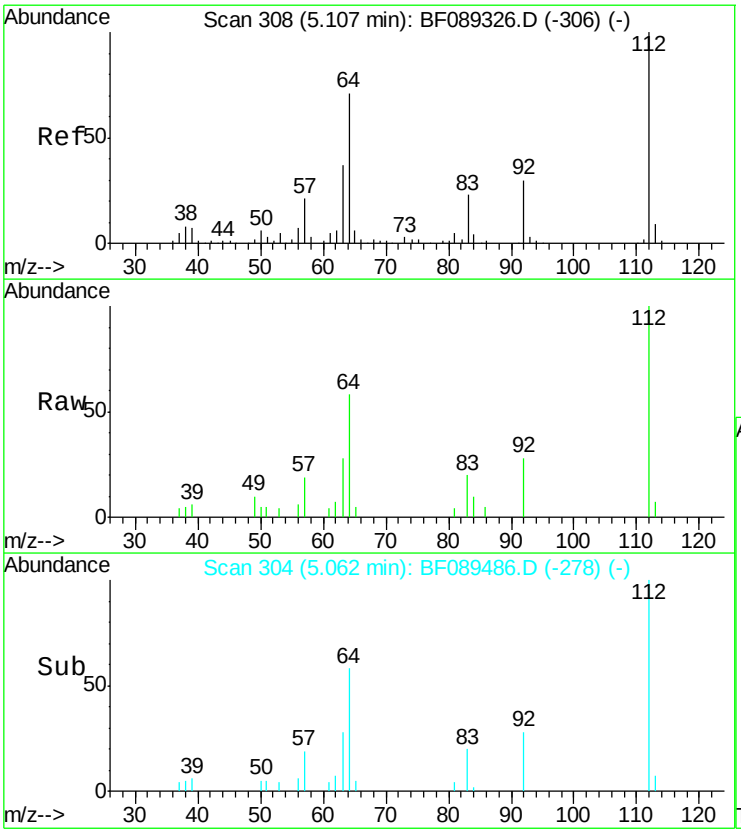
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Instrument :
BNA_F
ClientSampleId :
DUP-Y

Tgt Ion:152 Resp: 35172

Ion	Ratio	Lower	Upper
152	100		
150	155.7	129.5	194.3
115	67.7	51.4	77.2

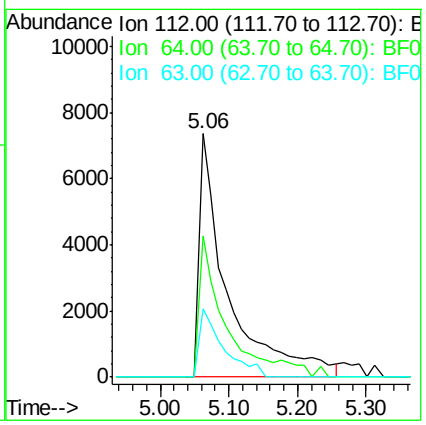


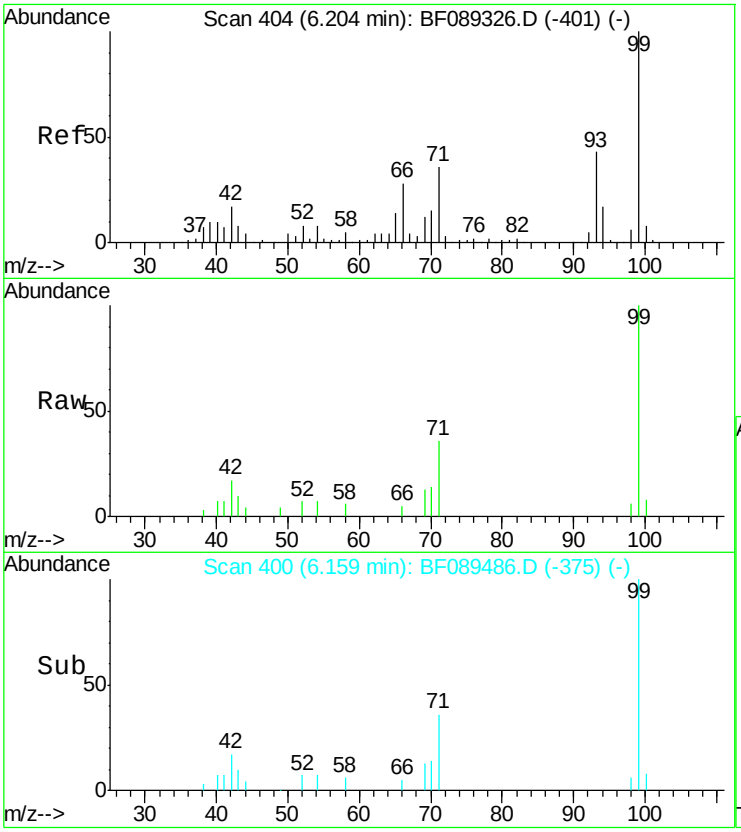


#5
2-Fluorophenol
Concen: 9.56 ng
RT: 5.06 min Scan# 304
Delta R.T. 0.00 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Tgt Ion:112 Resp: 21052

Ion	Ratio	Lower	Upper
112	100		
64	57.8	55.0	82.6
63	28.1	29.4	44.2#



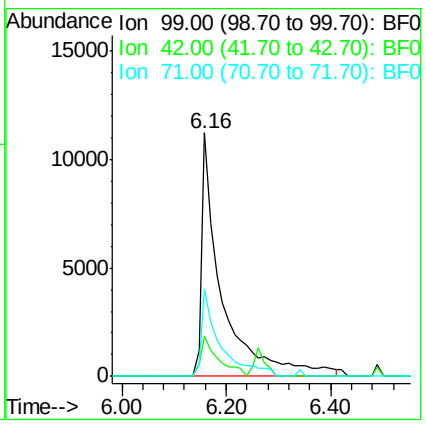


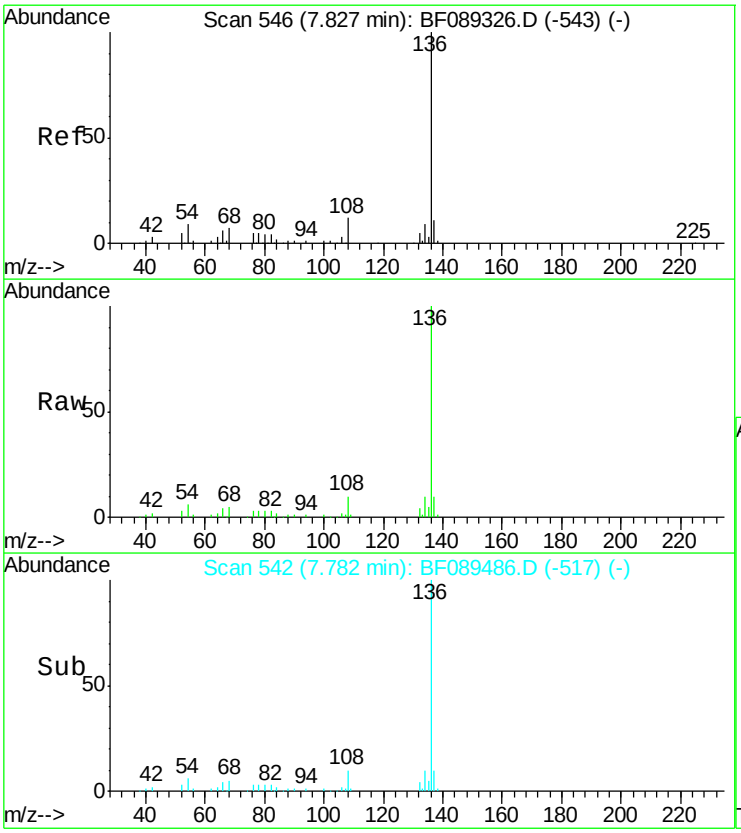
#7
Phenol-d6
Concen: 10.32 ng
RT: 6.16 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Instrument :
BNA_F
ClientSampleId :
DUP-Y

Tgt Ion: 99 Resp: 30046

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	35.9	29.4	44.2

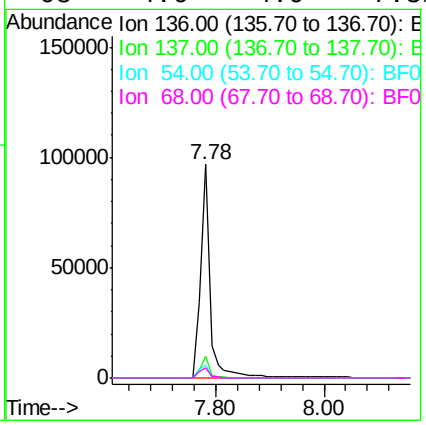


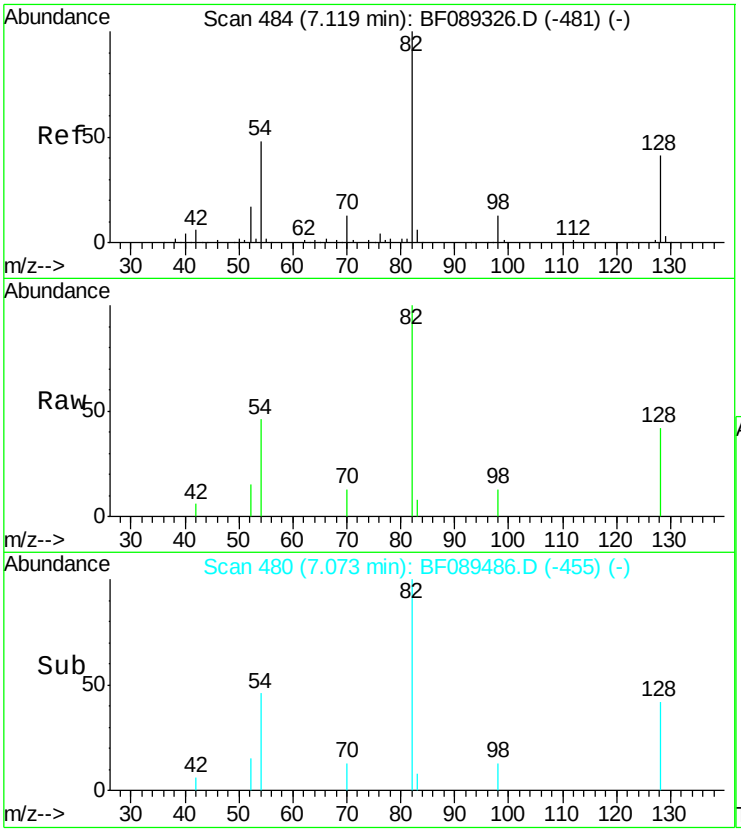


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Tgt Ion:136 Resp: 117445

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.0	7.0	10.4#
68	4.6	4.9	7.3#



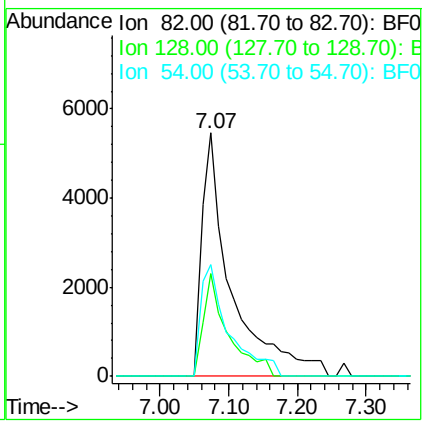


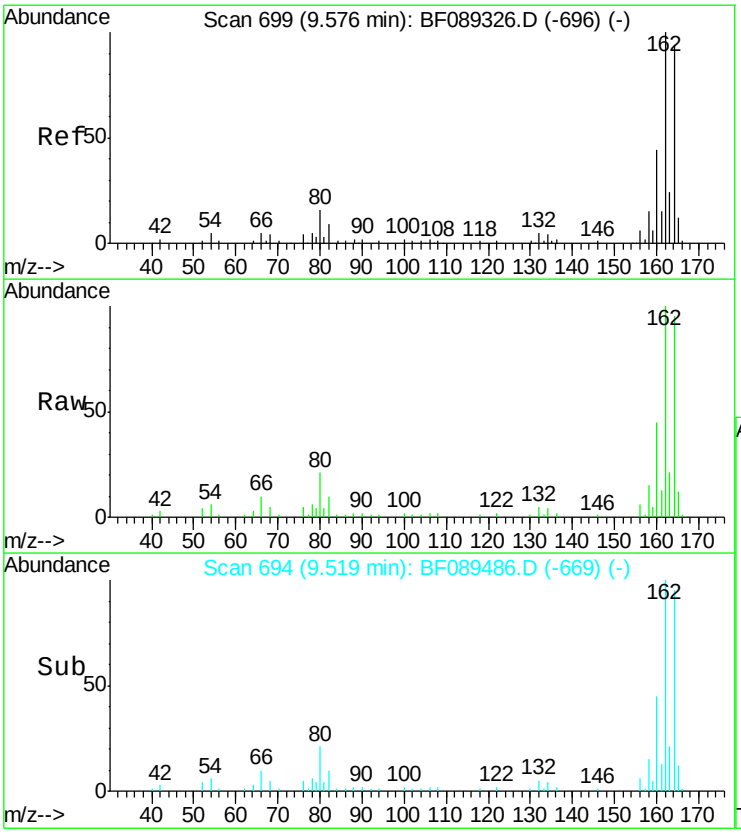
#23
Nitrobenzene-d5
Concen: 8.21 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Instrument :
BNA_F
ClientSampleId :
DUP-Y

Tgt Ion: 82 Resp: 16327

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.5	48.7
54	45.8	38.8	58.2

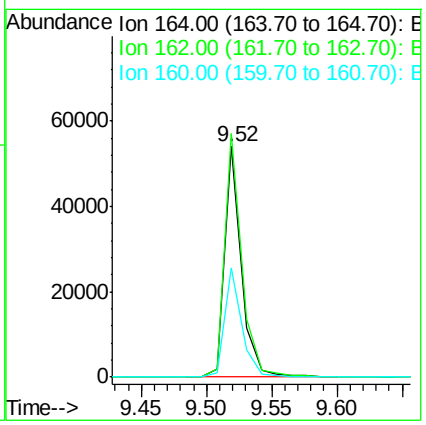


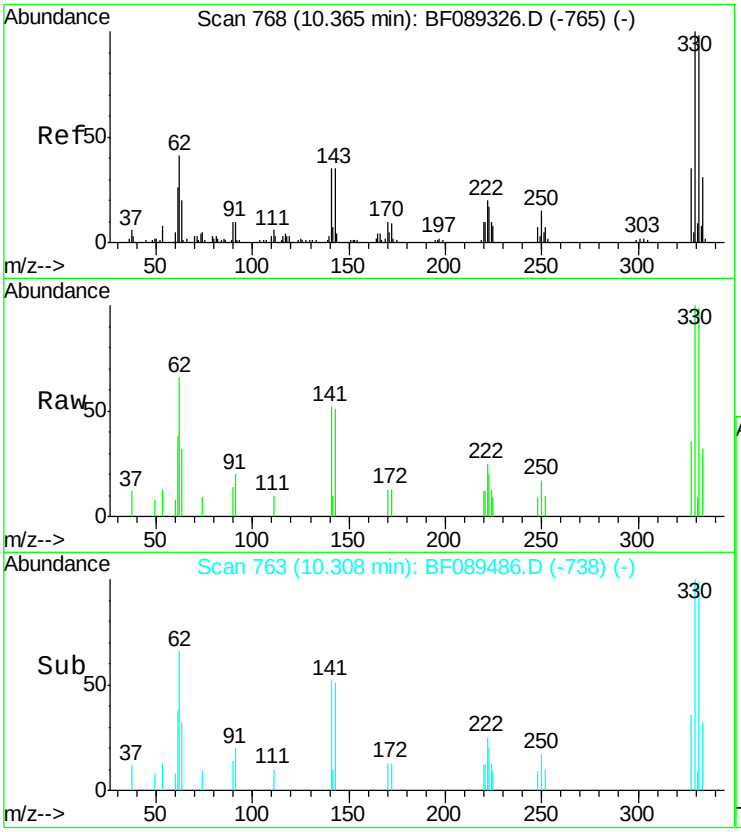


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Tgt Ion:164 Resp: 48400

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.7	125.5
160	47.4	37.8	56.6



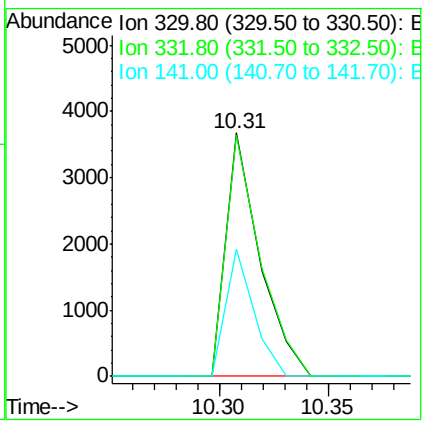


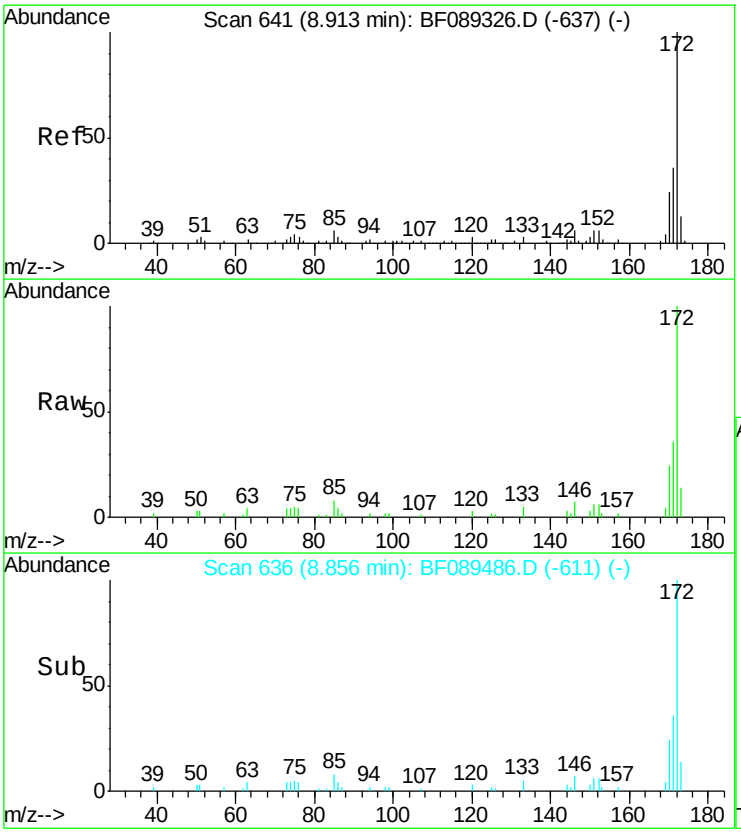
#41
2,4,6-Tribromophenol
Concen: 9.94 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Instrument :
BNA_F
ClientSampleId :
DUP-Y

Tgt Ion:330 Resp: 3985

Ion	Ratio	Lower	Upper
330	100		
332	100.1	76.8	115.2
141	42.7	37.3	55.9

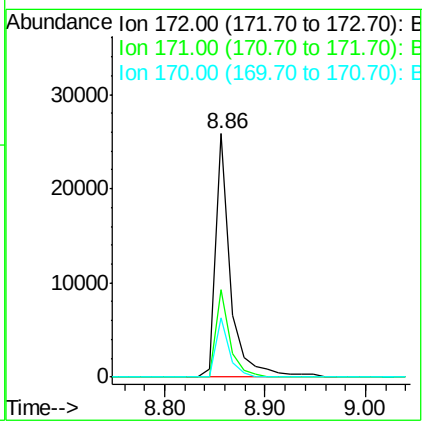


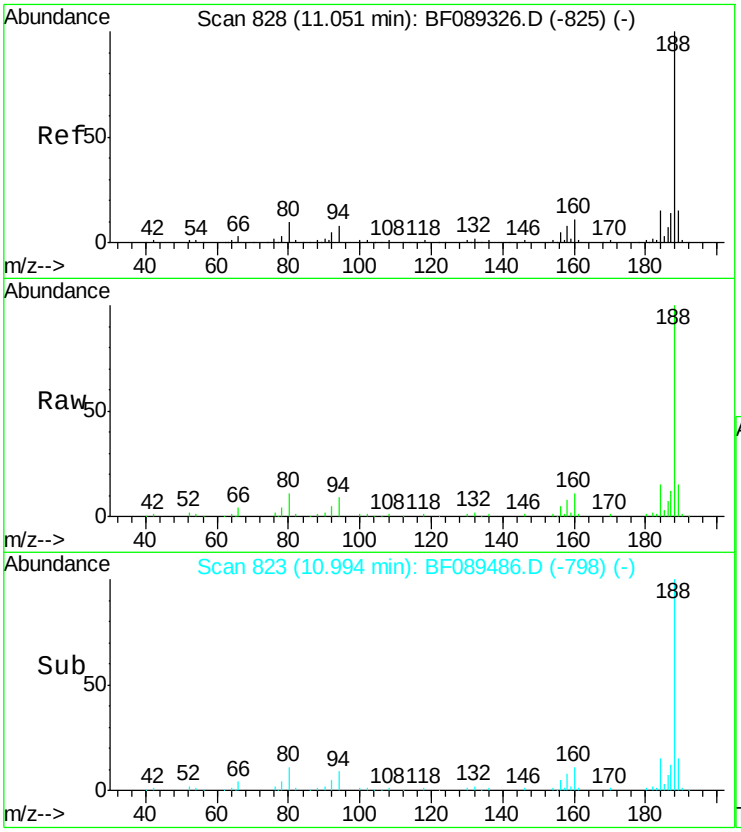


#44
2-Fluorobiphenyl
Concen: 8.05 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Tgt Ion:172 Resp: 26563

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.1	19.2	28.8



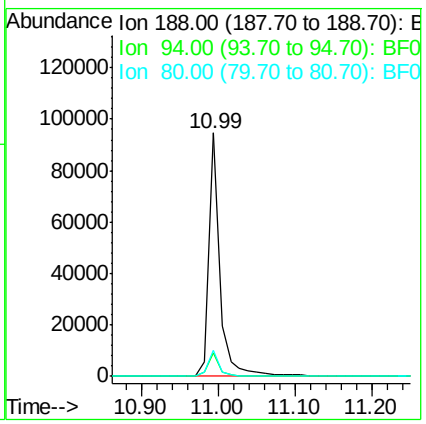


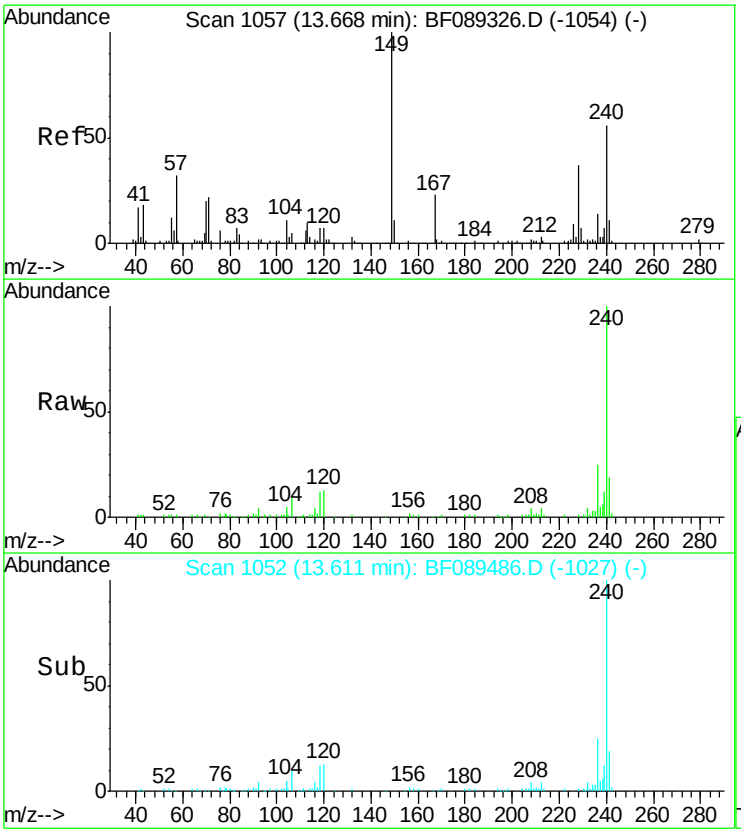
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Instrument :
BNA_F
ClientSampleId :
DUP-Y

Tgt Ion:188 Resp: 94015

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.5	9.7
80	10.6	7.2	10.8

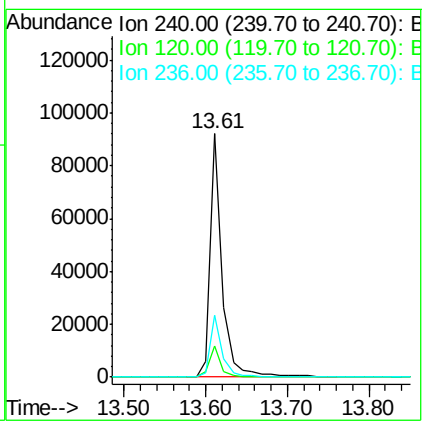


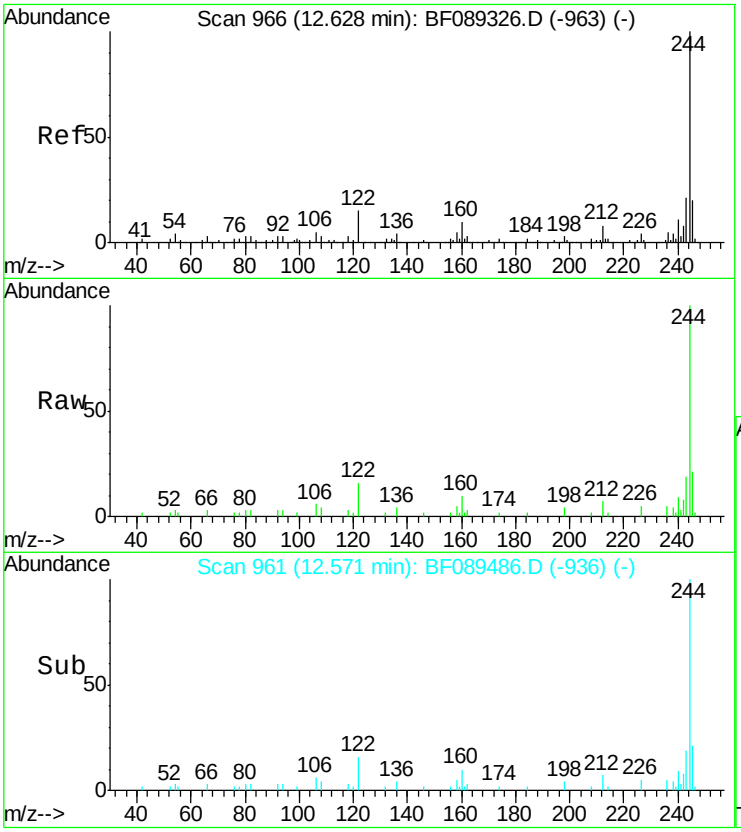


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Tgt Ion:240 Resp: 95628

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.1	13.7
236	25.2	20.6	30.8



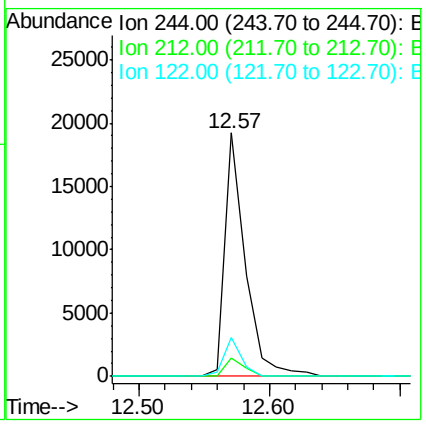


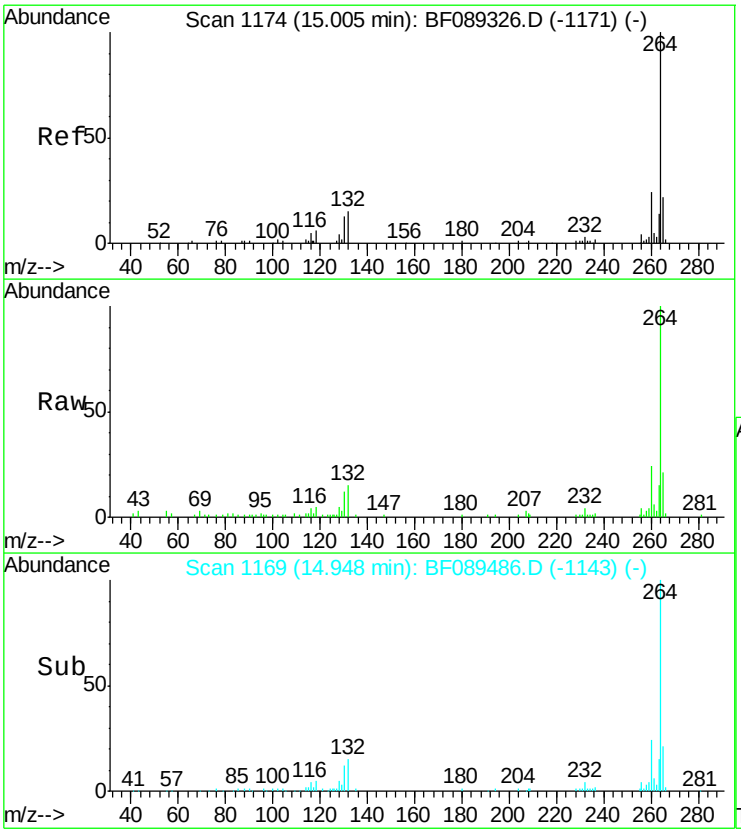
#78
Terphenyl-d14
Concen: 5.16 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Instrument :
BNA_F
ClientSampleId :
DUP-Y

Tgt Ion:244 Resp: 21085

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	15.8	11.4	17.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Tgt Ion:264 Resp: 65185

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.4	17.5	26.3