Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087897.D
Acq On : 11 Jun 2016 2:56
Operator : UM/SJ
Sample : H3440-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Time: Jun 13 17:36:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109469	20.00	ng	0.02
21) Naphthalene-d8	8.10	136	419034	20.00	ng	0.02
38) Acenaphthene-d10	9.85	164	154393	20.00	ng	0.01
63) Phenanthrene-d10	11.32	188	253661	20.00	ng	0.01
75) Chrysene-d12	13.95	240	220642	20.00	ng	0.00
86) Perylene-d12	15.36	264	161101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	417257	65.16	ng	0.02
7) Phenol-d6	6.44	99	371332	47.85	ng	0.01
23) Nitrobenzene-d5	7.38	82	574279	80.03	ng	0.02
41) 2,4,6-Tribromophenol	10.64	330	173189	106.24	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	946310	97.07	ng	0.01
78) Terphenyl-d14	12.91	244	791984	81.68	ng	0.01
Target Compounds						Qvalue

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

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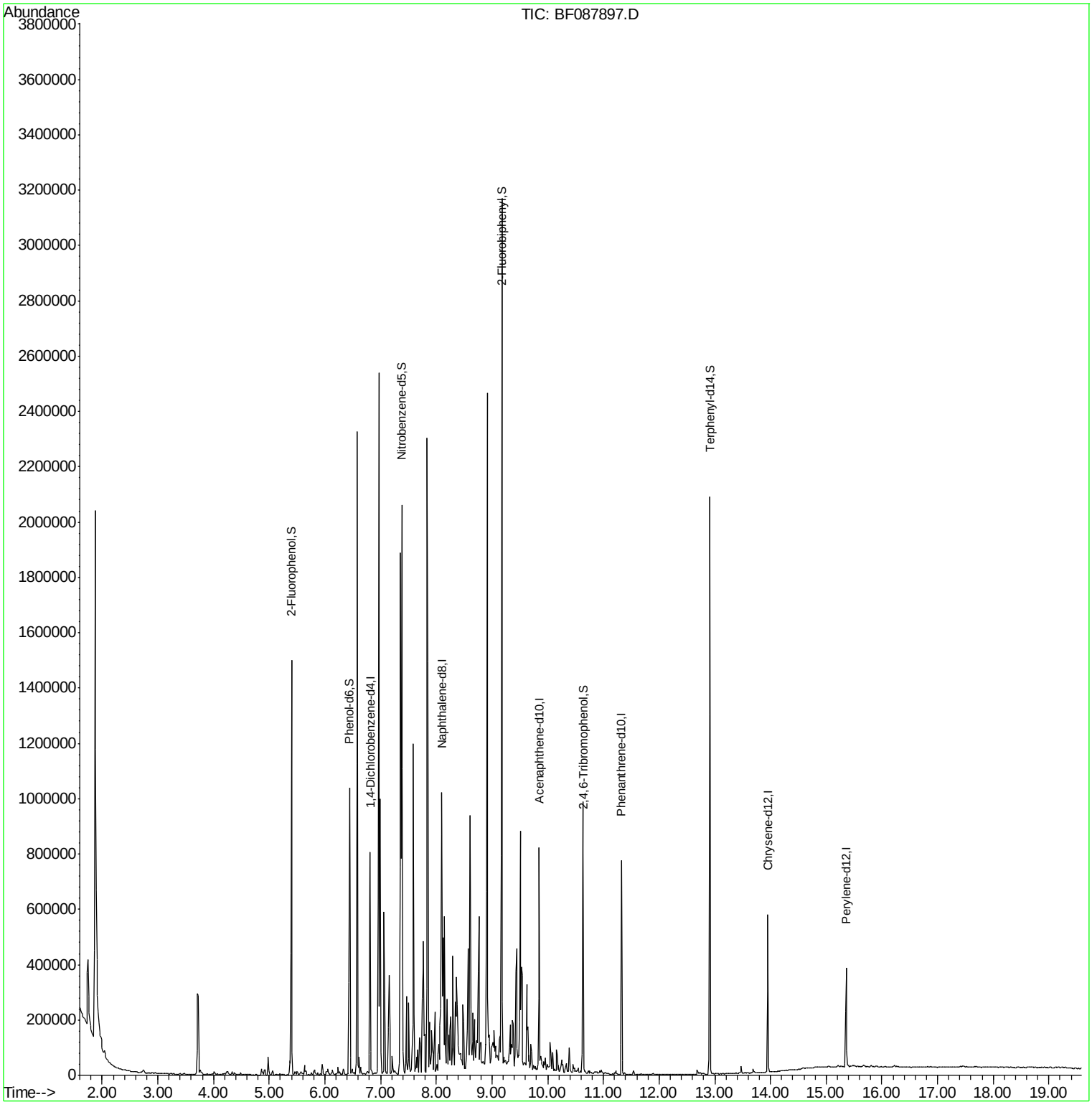
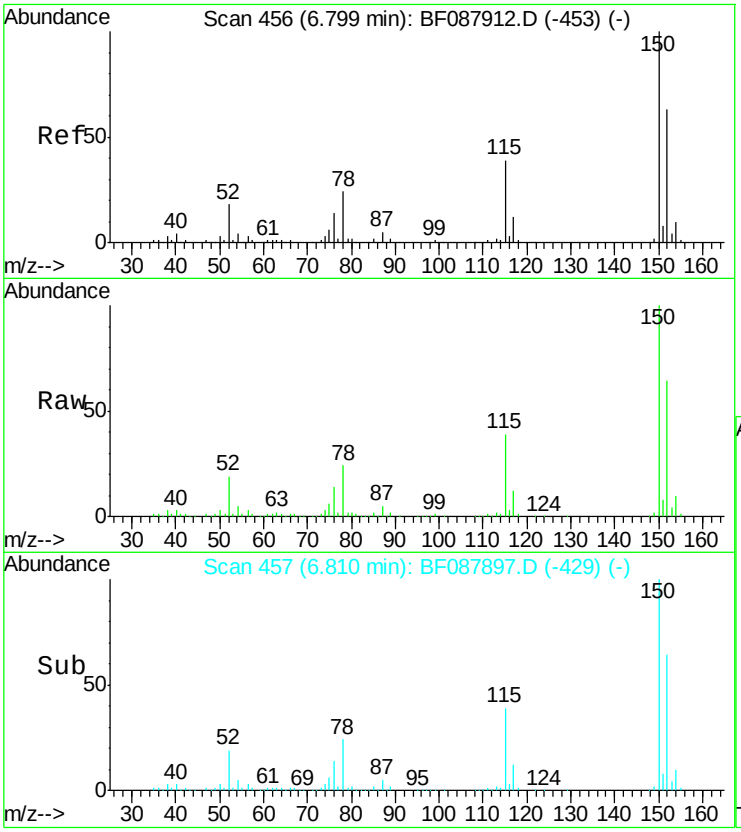


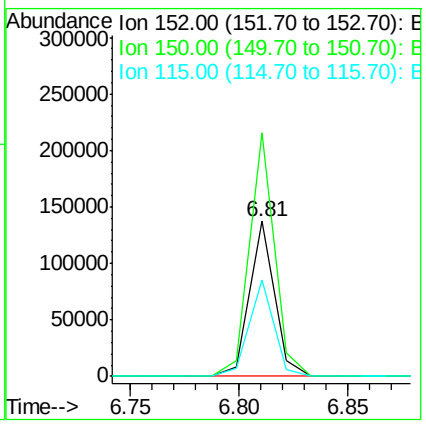


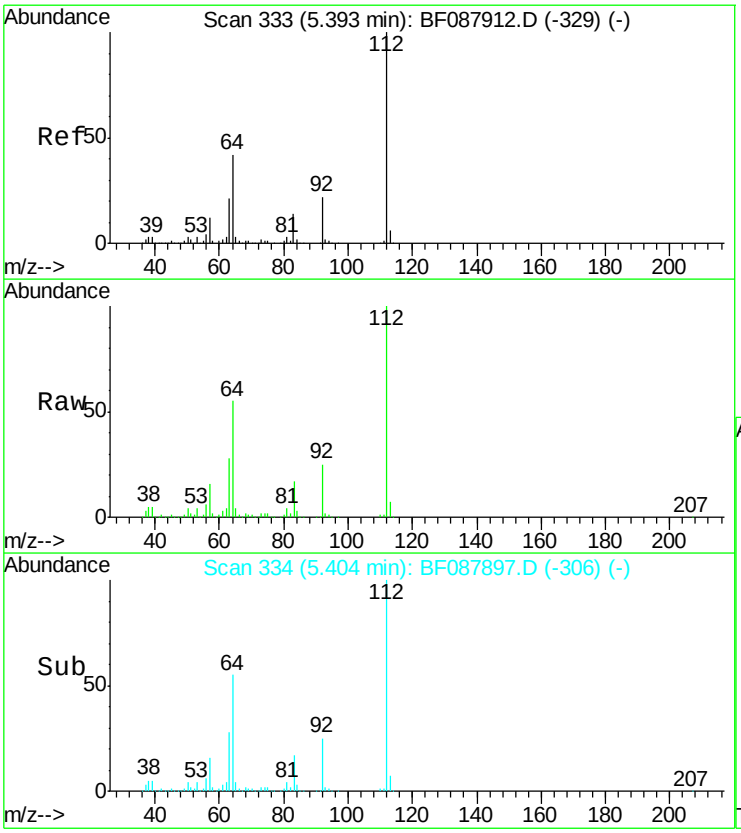
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.02 min
Lab File: BF087897.D
Acq: 11 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
W-16

Tgt Ion:152 Resp: 109469

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.6
115	61.9	39.6	59.4#

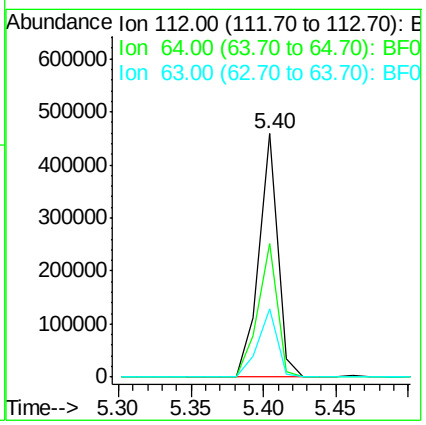


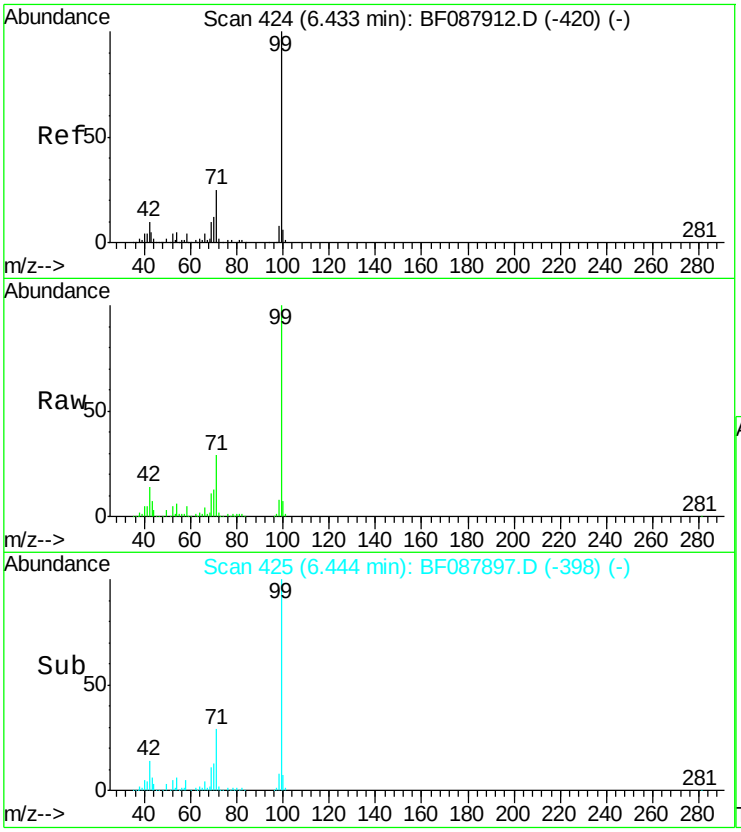


#5
2-Fluorophenol
Concen: 65.16 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.02 min
Lab File: BF087897.D
Acq: 11 Jun 2016 2:56

Tgt Ion:112 Resp: 417257

Ion	Ratio	Lower	Upper
112	100		
64	54.6	42.2	63.2
63	27.9	21.8	32.8



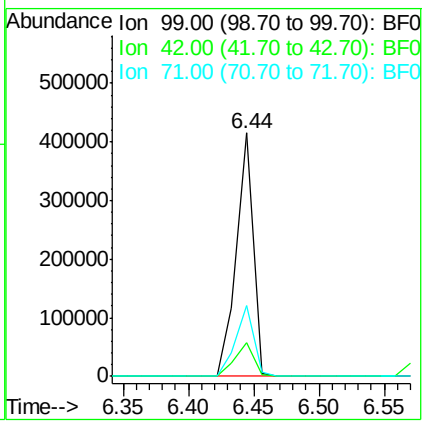


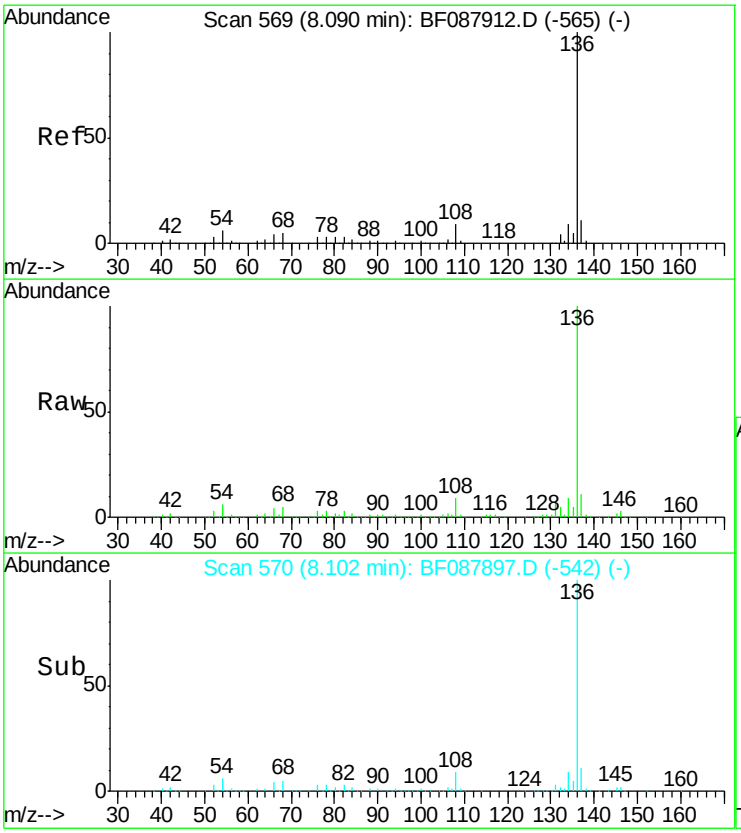
#7
Phenol-d6
Concen: 47.85 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF087897.D
Acq: 11 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
W-16

Tgt Ion: 99 Resp: 371332

Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.2	18.2
71	29.3	23.4	35.0

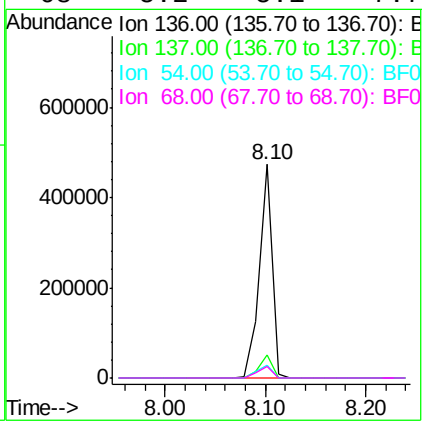


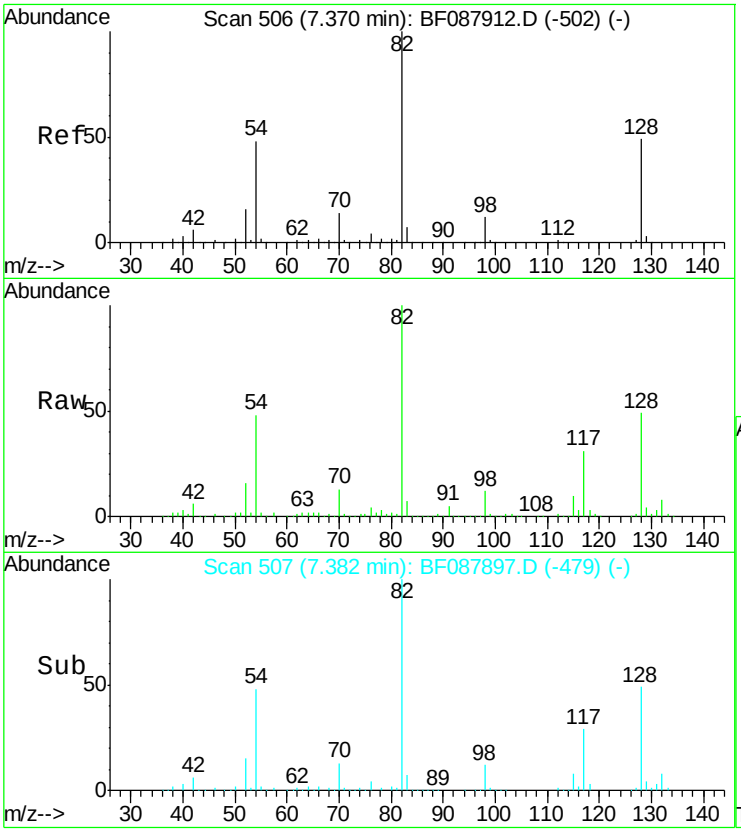


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF087897.D
Acq: 11 Jun 2016 2:56

Tgt Ion:136 Resp: 419034

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.0	6.6	10.0#
68	5.2	5.1	7.7



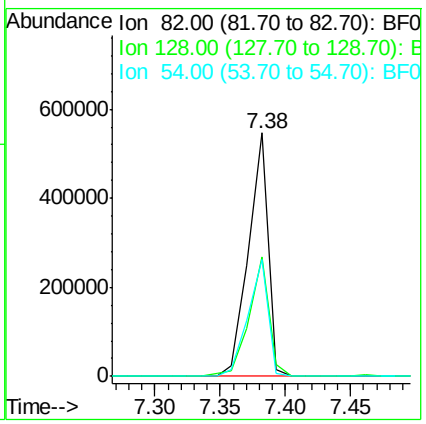


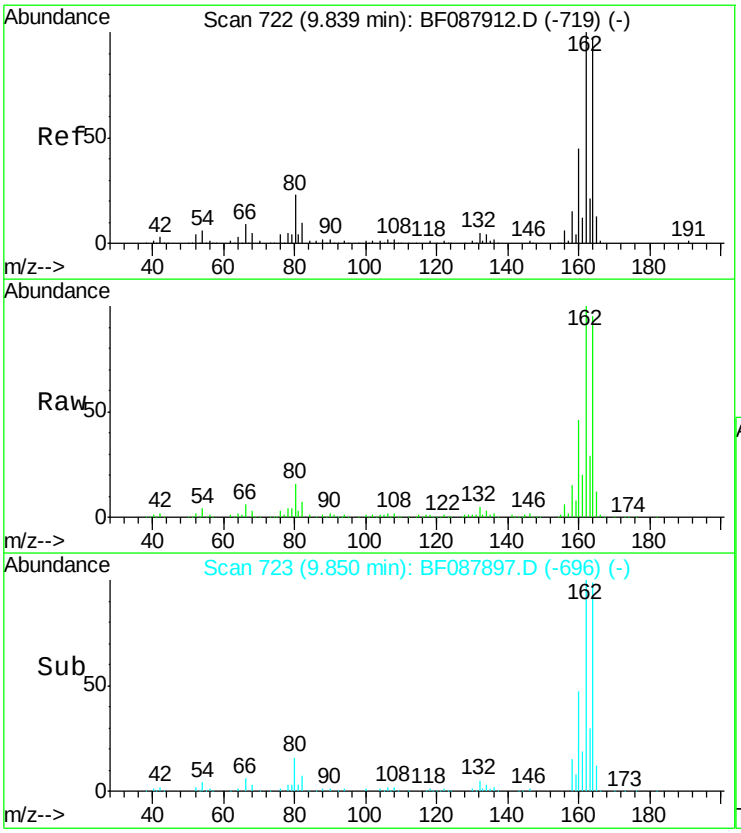
#23
Nitrobenzene-d5
Concen: 80.03 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.02 min
Lab File: BF087897.D
Acq: 11 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
W-16

Tgt Ion: 82 Resp: 574279

Ion	Ratio	Lower	Upper
82	100		
128	49.1	35.9	53.9
54	48.1	40.9	61.3

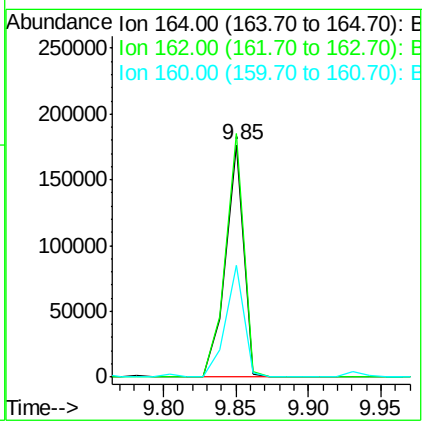


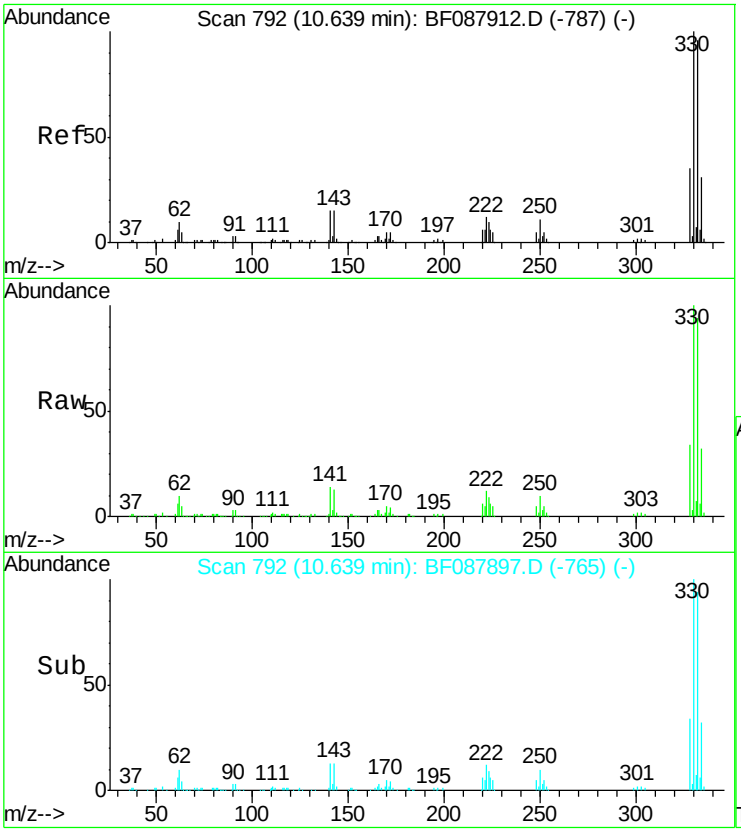


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF087897.D
Acq: 11 Jun 2016 2:56

Tgt Ion:164 Resp: 154393

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	48.0	39.5	59.3



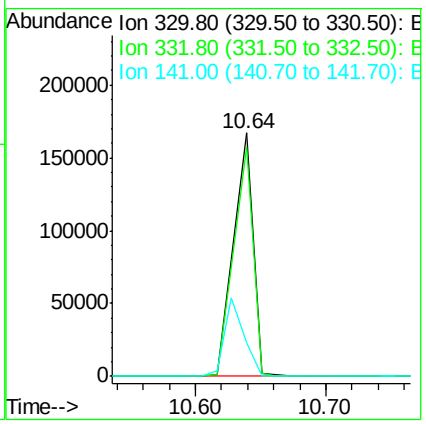


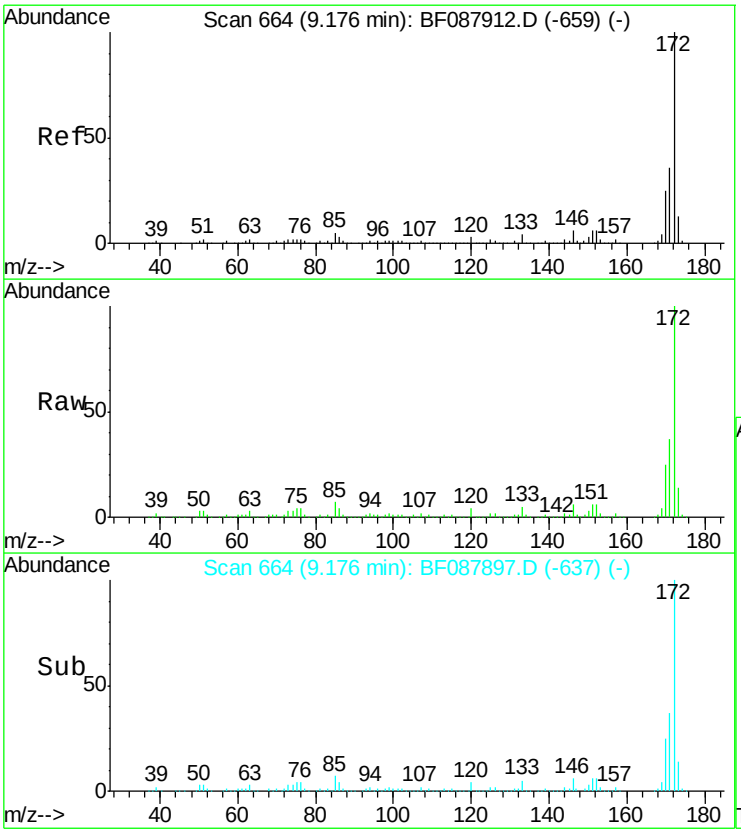
#41
2,4,6-Tribromophenol
Concen: 106.24 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF087897.D
Acq: 11 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
W-16

Tgt Ion:330 Resp: 173189

Ion	Ratio	Lower	Upper
330	100		
332	94.0	0.0	0.0#
141	33.2	0.0	0.0#

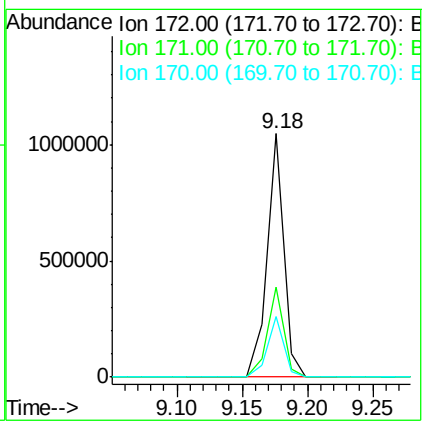


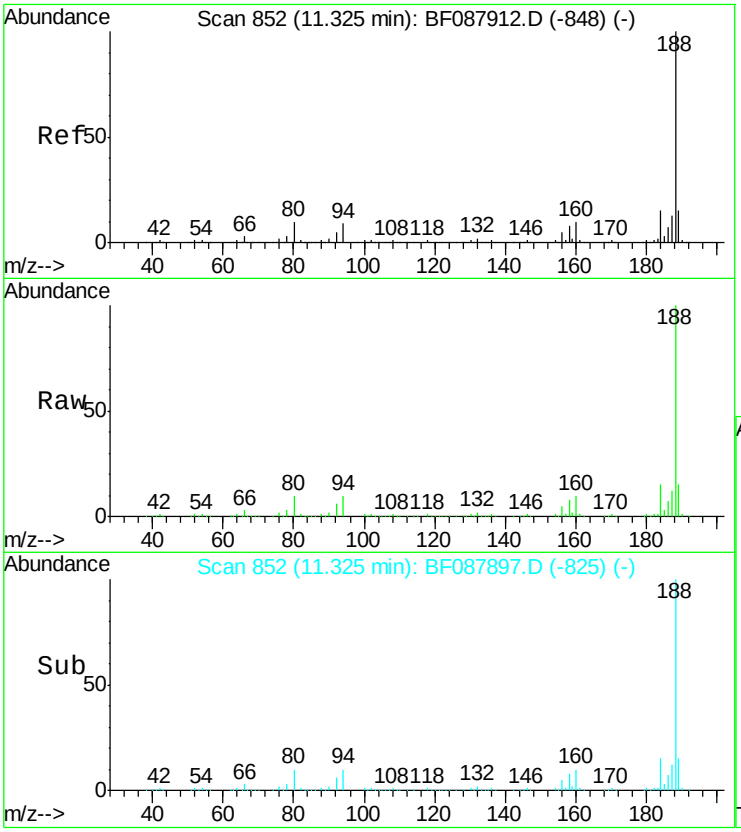


#44
2-Fluorobiphenyl
Concen: 97.07 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF087897.D
Acq: 11 Jun 2016 2:56

Tgt Ion:172 Resp: 946310

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.8	19.2	28.8



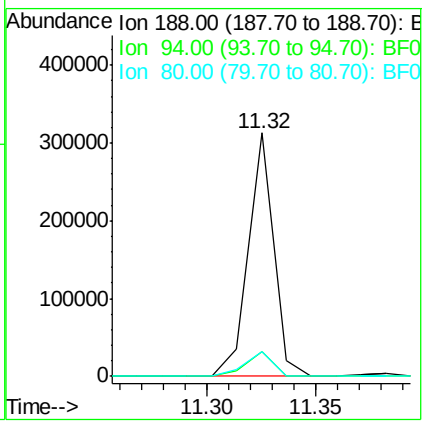


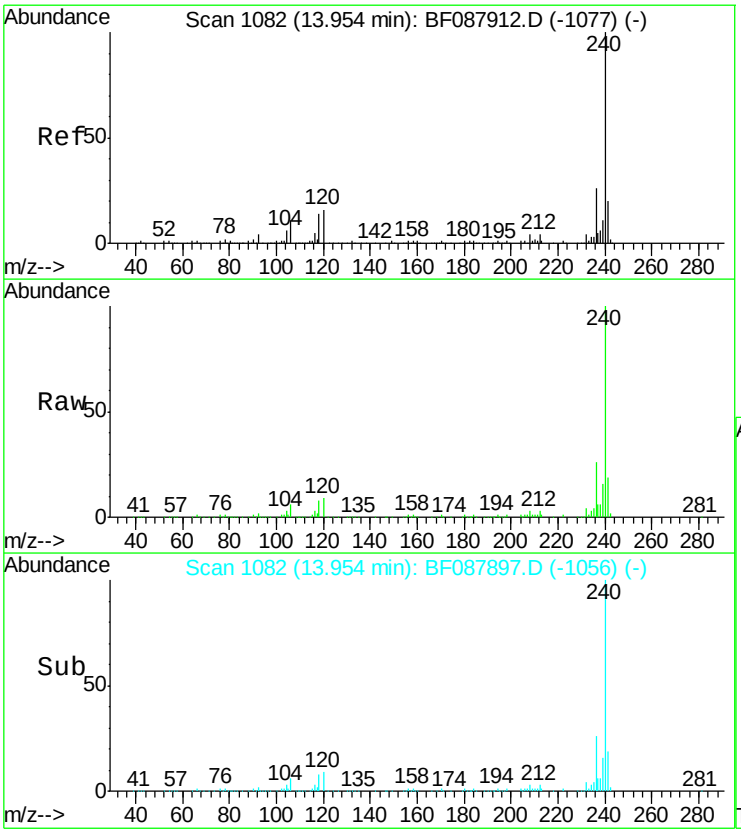
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF087897.D
Acq: 11 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
W-16

Tgt Ion:188 Resp: 253661

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.6
80	10.1	10.0	15.0

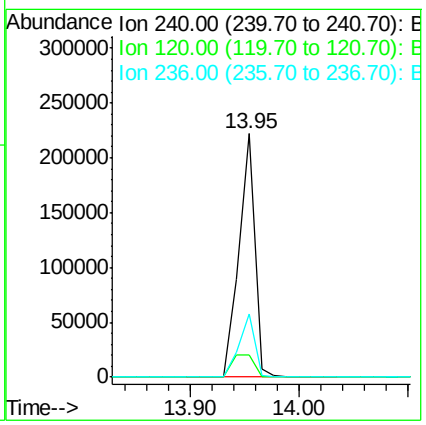


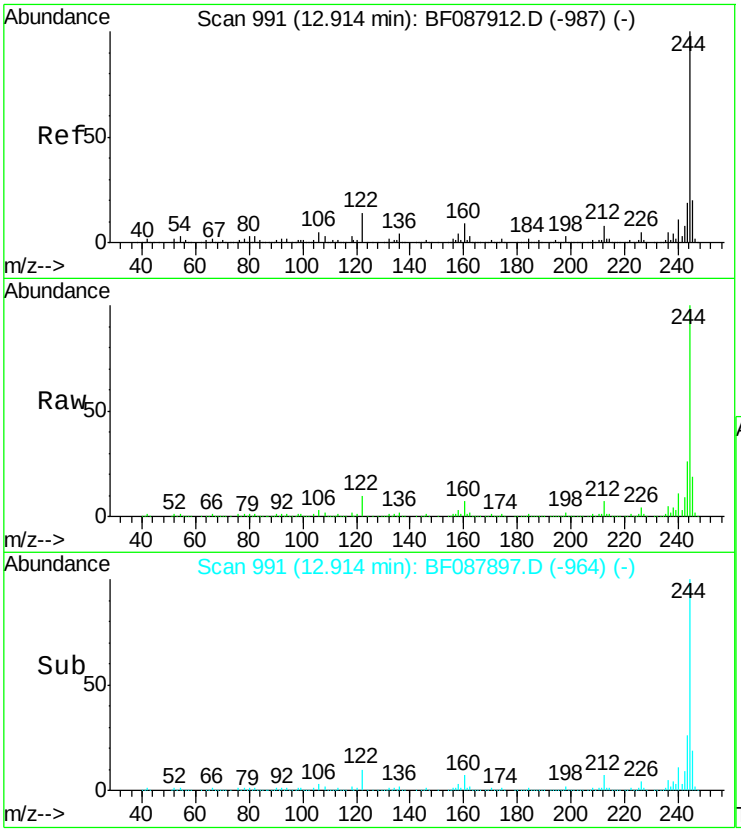


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF087897.D
Acq: 11 Jun 2016 2:56

Tgt Ion:240 Resp: 220642

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.8	10.2
236	25.8	20.2	30.2



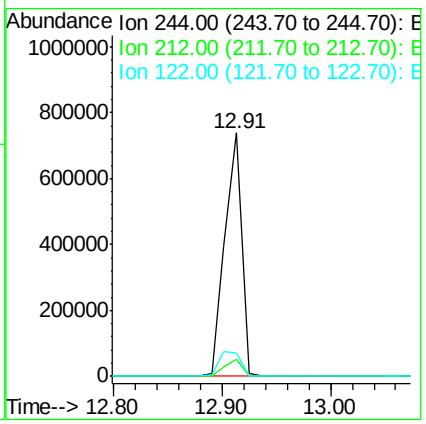


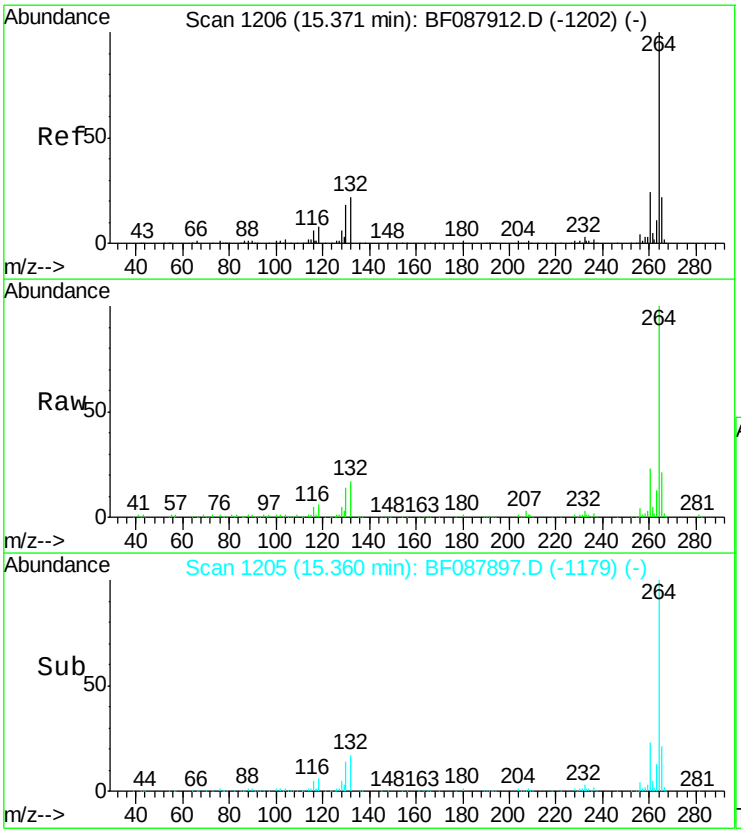
#78
Terphenyl-d14
Concen: 81.68 ng
RT: 12.91 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF087897.D
Acq: 11 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
W-16

Tgt Ion:244 Resp: 791984

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	9.6	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF087897.D
Acq: 11 Jun 2016 2:56

Tgt Ion:264 Resp: 161101

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.9	16.9	25.3