Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087896.D
Acq On : 11 Jun 2016 2:27
Operator : UM/SJ
Sample : H3440-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Time: Jun 11 03:56:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	99829	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	370472	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	153125	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	231143	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	200539	20.00	ng	-0.03
86) Perylene-d12	15.36	264	140433	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	397670	68.10	ng	-0.02
7) Phenol-d6	6.44	99	336163	47.50	ng	-0.03
23) Nitrobenzene-d5	7.38	82	588707	92.79	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	178388	110.33	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	827302	84.86	ng	-0.03
78) Terphenyl-d14	12.91	244	723146	82.06	ng	-0.03
Target Compounds						Qvalue

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

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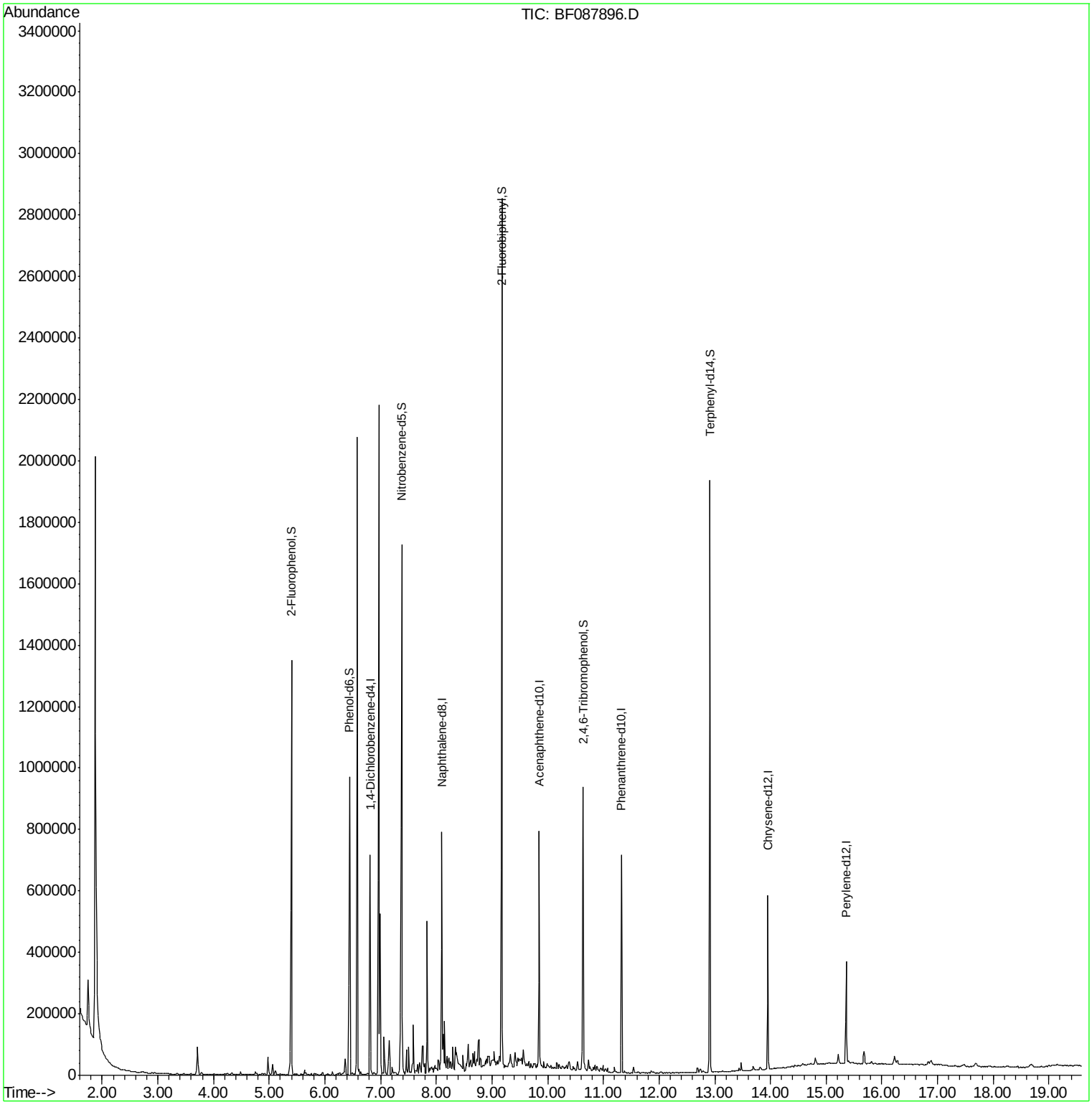
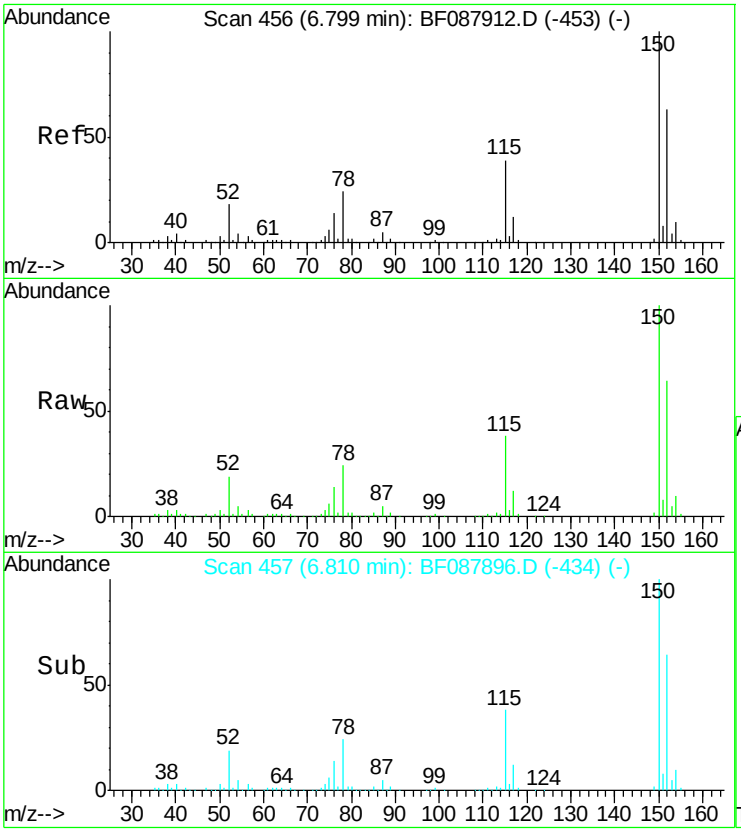


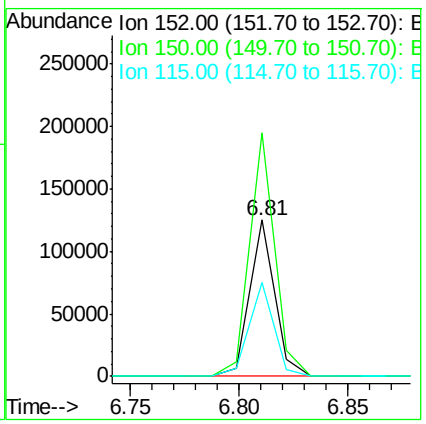


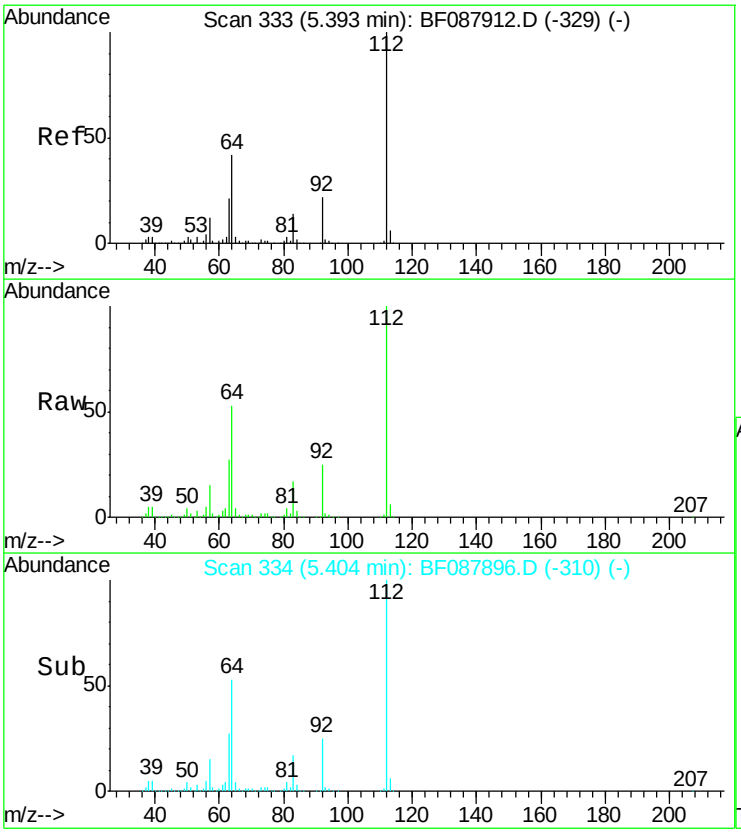
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF087896.D
Acq: 11 Jun 2016 2:27

Instrument :
BNA_F
ClientSampleId :
PW-01

Tgt Ion:152 Resp: 99829

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.6
115	59.9	39.6	59.4#

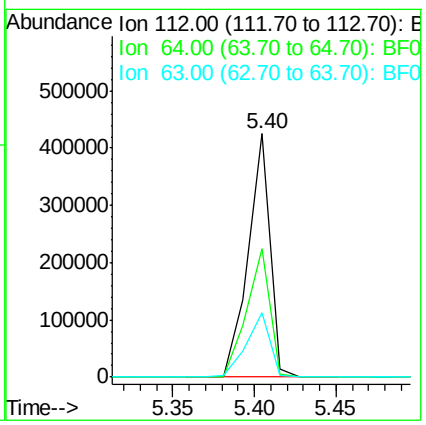


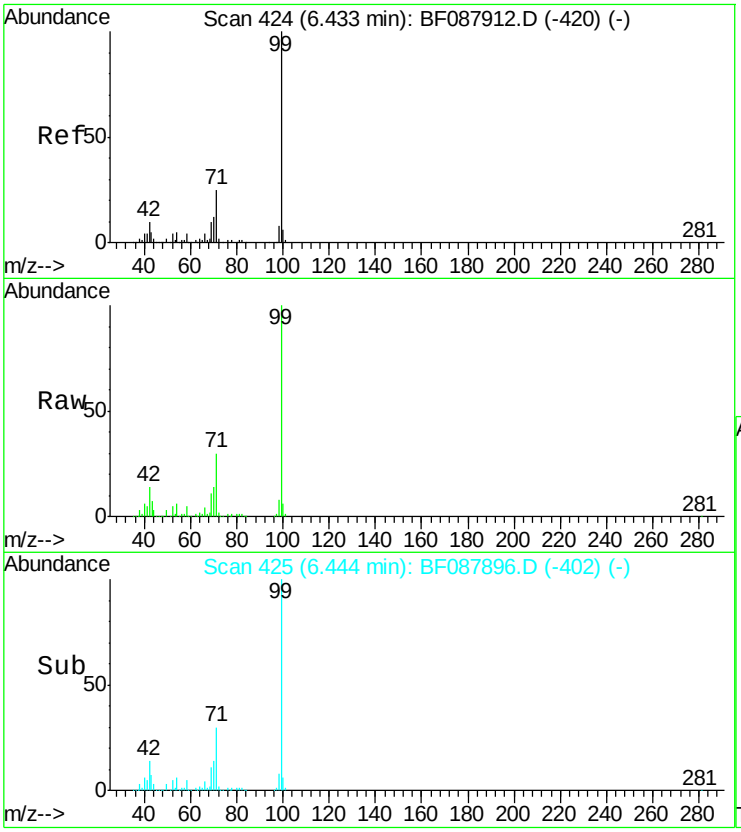


#5
2-Fluorophenol
Concen: 68.10 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087896.D
Acq: 11 Jun 2016 2:27

Tgt Ion:112 Resp: 397670

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.2	63.2
63	26.7	21.8	32.8



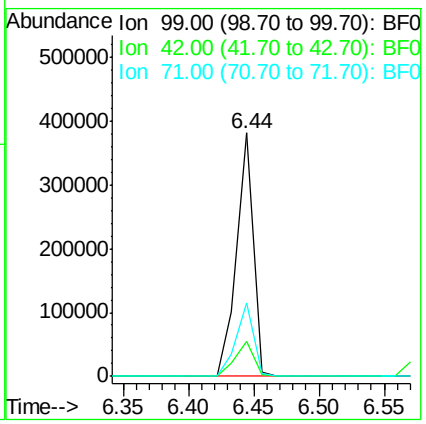


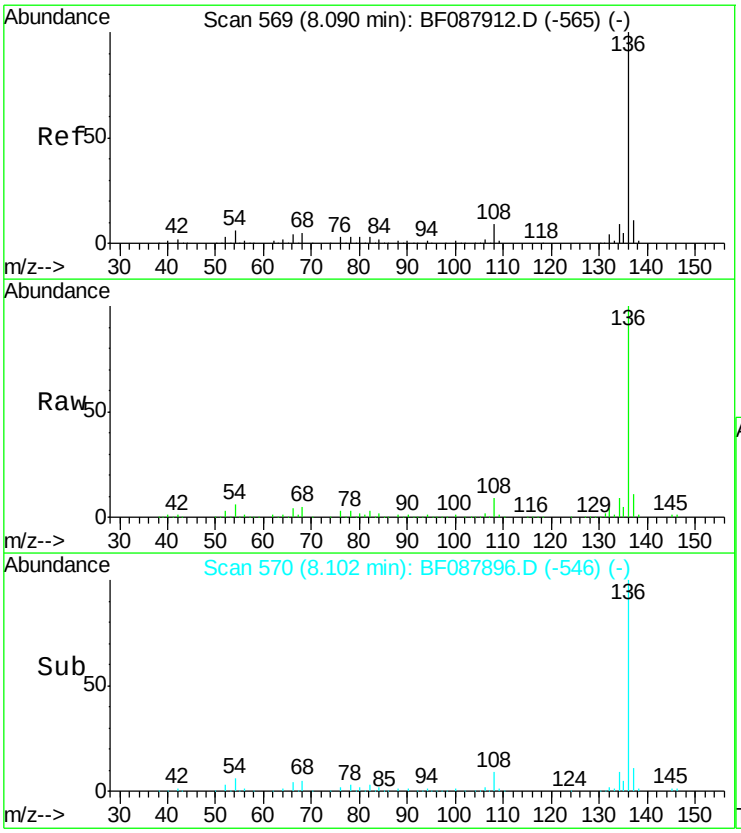
#7
Phenol-d6
Concen: 47.50 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF087896.D
Acq: 11 Jun 2016 2:27

Instrument :
BNA_F
ClientSampleId :
PW-01

Tgt Ion: 99 Resp: 336163

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.2	18.2
71	30.4	23.4	35.0

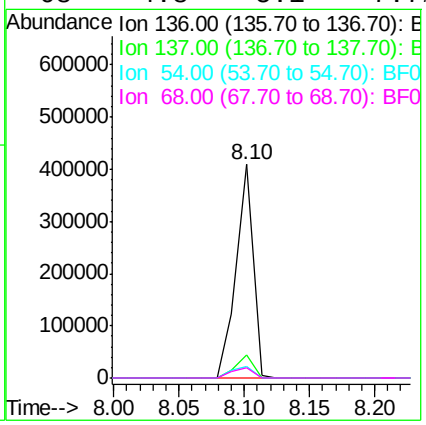


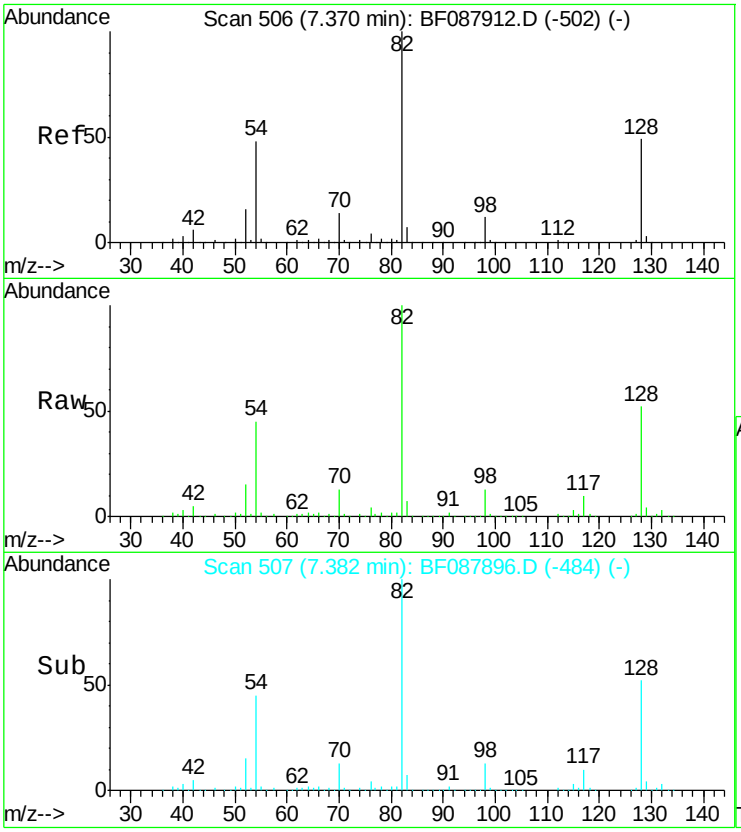


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087896.D
Acq: 11 Jun 2016 2:27

Tgt Ion:136 Resp: 370472

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.7	6.6	10.0#
68	4.8	5.1	7.7#



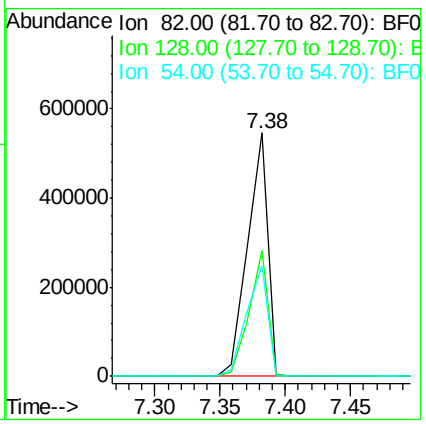


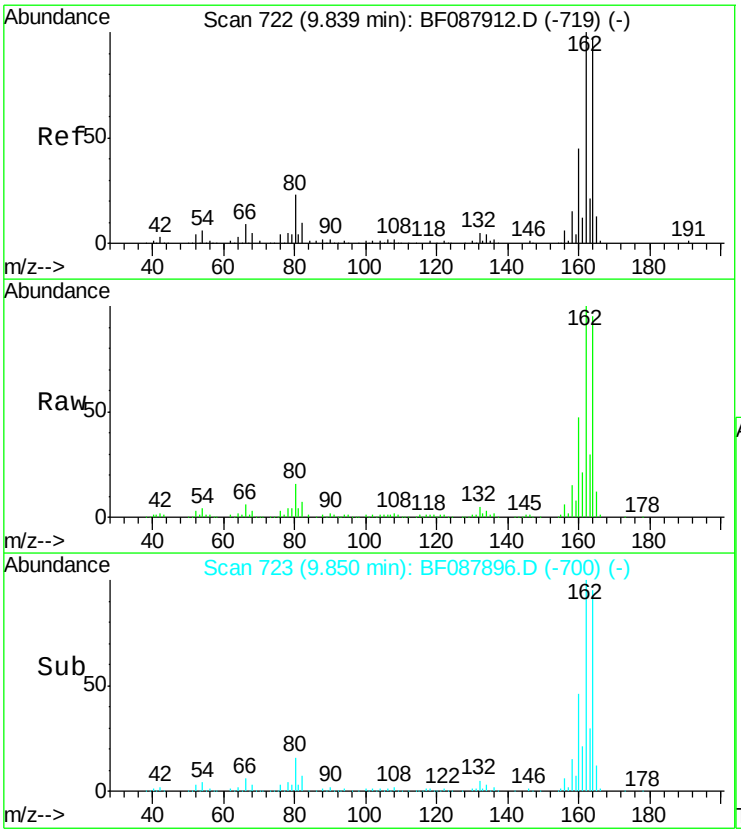
#23
Nitrobenzene-d5
Concen: 92.79 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087896.D
Acq: 11 Jun 2016 2:27

Instrument :
BNA_F
ClientSampleId :
PW-01

Tgt Ion: 82 Resp: 588707

Ion	Ratio	Lower	Upper
82	100		
128	51.5	35.9	53.9
54	45.4	40.9	61.3

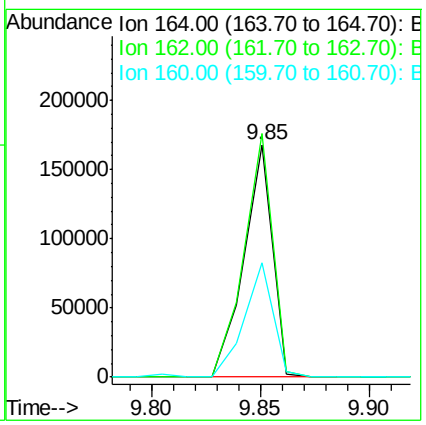


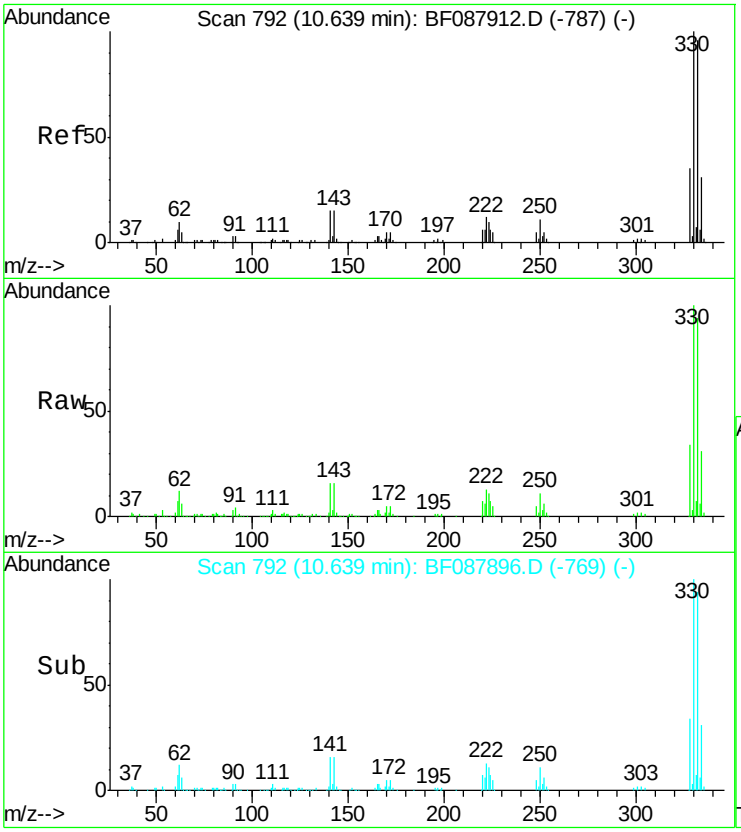


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087896.D
Acq: 11 Jun 2016 2:27

Tgt Ion:164 Resp: 153125

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	49.0	39.5	59.3



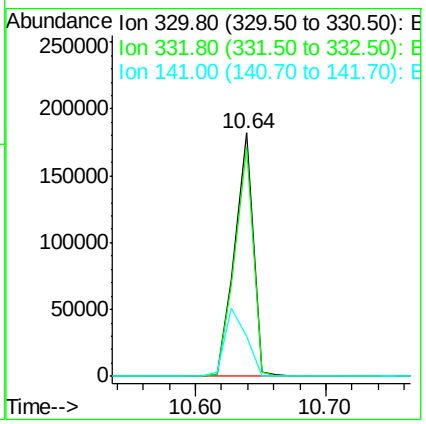


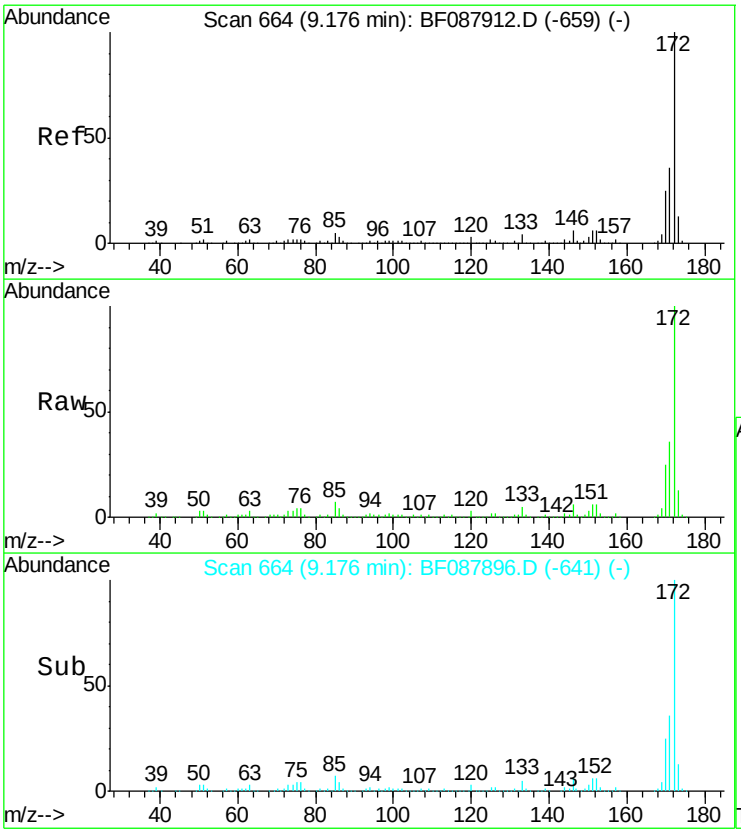
#41
2,4,6-Tribromophenol
Concen: 110.33 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087896.D
Acq: 11 Jun 2016 2:27

Instrument :
BNA_F
ClientSampleId :
PW-01

Tgt Ion:330 Resp: 178388

Ion	Ratio	Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	32.8	0.0	0.0#

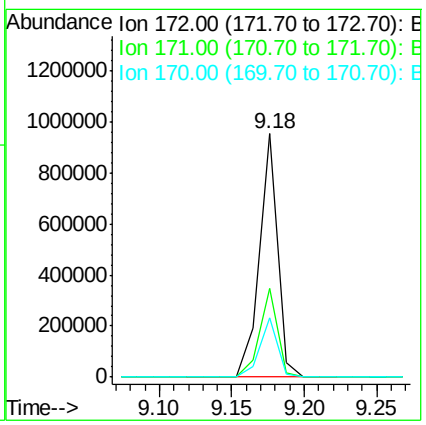


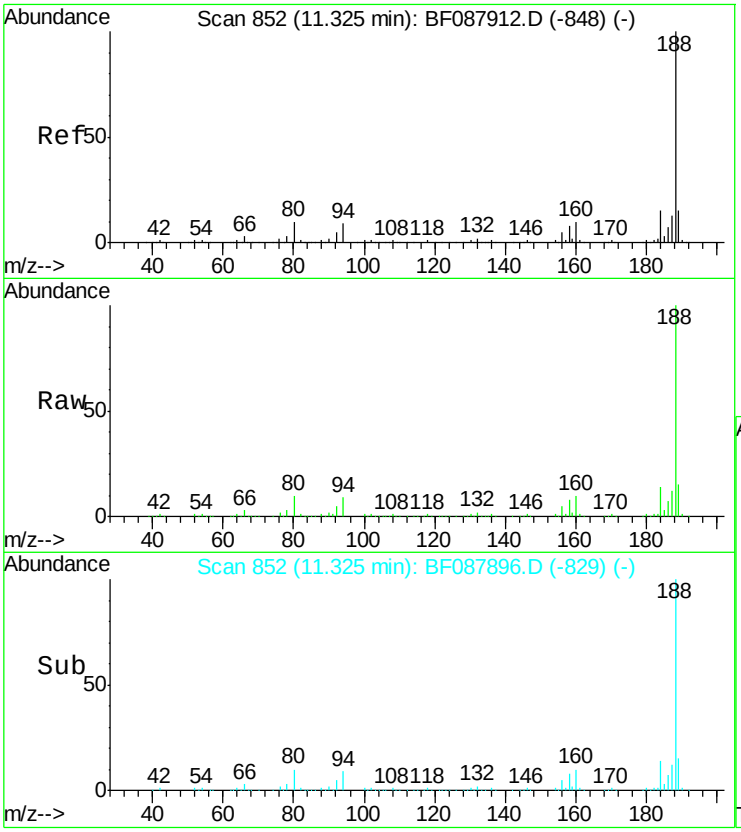


#44
2-Fluorobiphenyl
Concen: 84.86 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087896.D
Acq: 11 Jun 2016 2:27

Tgt Ion:172 Resp: 827302

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.6	19.2	28.8



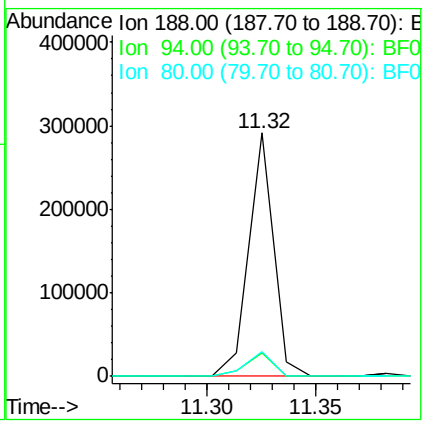


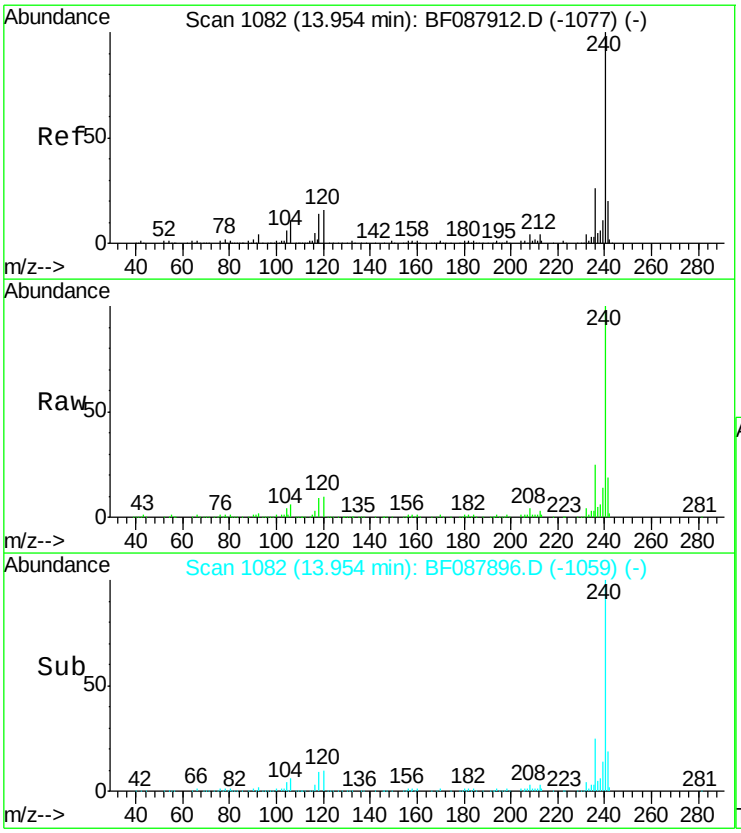
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087896.D
Acq: 11 Jun 2016 2:27

Instrument :
BNA_F
ClientSampleId :
PW-01

Tgt Ion:188 Resp: 231143

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.6
80	9.9	10.0	15.0#

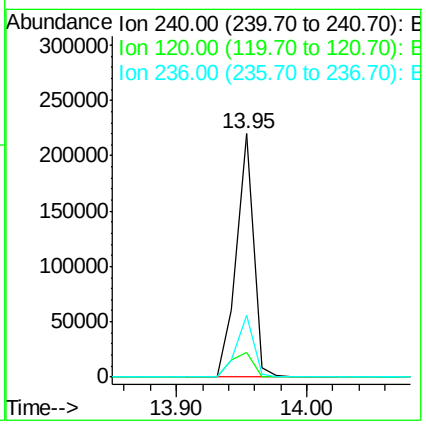


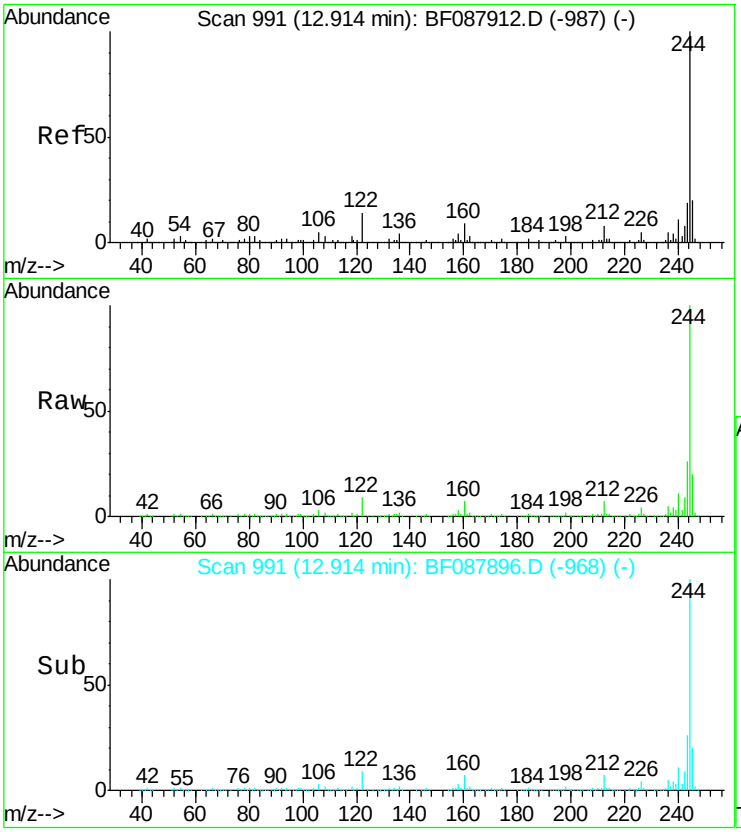


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087896.D
Acq: 11 Jun 2016 2:27

Tgt Ion:240 Resp: 200539

Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.8	10.2
236	25.3	20.2	30.2



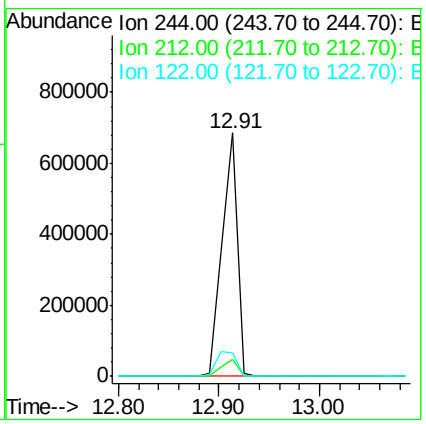


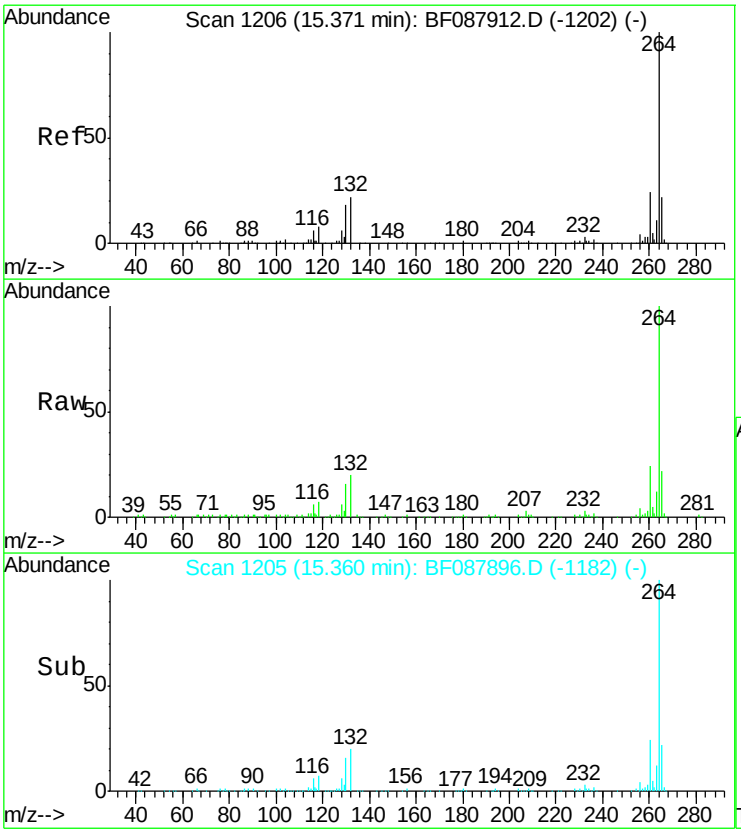
#78
Terphenyl-d14
Concen: 82.06 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087896.D
Acq: 11 Jun 2016 2:27

Instrument :
BNA_F
ClientSampleId :
PW-01

Tgt Ion:244 Resp: 723146

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.4	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087896.D
Acq: 11 Jun 2016 2:27

Tgt Ion:264 Resp: 140433

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	16.9	25.3