Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086900.D
Acq On : 11 May 2016 21:05
Operator : UM/SJ
Sample : H2894-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP18-8FT

Quant Time: May 12 01:16:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 01:06:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	285284	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	1194874	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	575231	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	984822	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	888623	20.00	ng	-0.01
86) Perylene-d12	15.13	264	703459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1398800	83.04	ng	0.01
7) Phenol-d6	6.30	99	1631813	72.48	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1244961	52.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	425938	69.94	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1855188	54.20	ng	0.00
78) Terphenyl-d14	12.73	244	1477123	35.27	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	202988	4.63	ng	98

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

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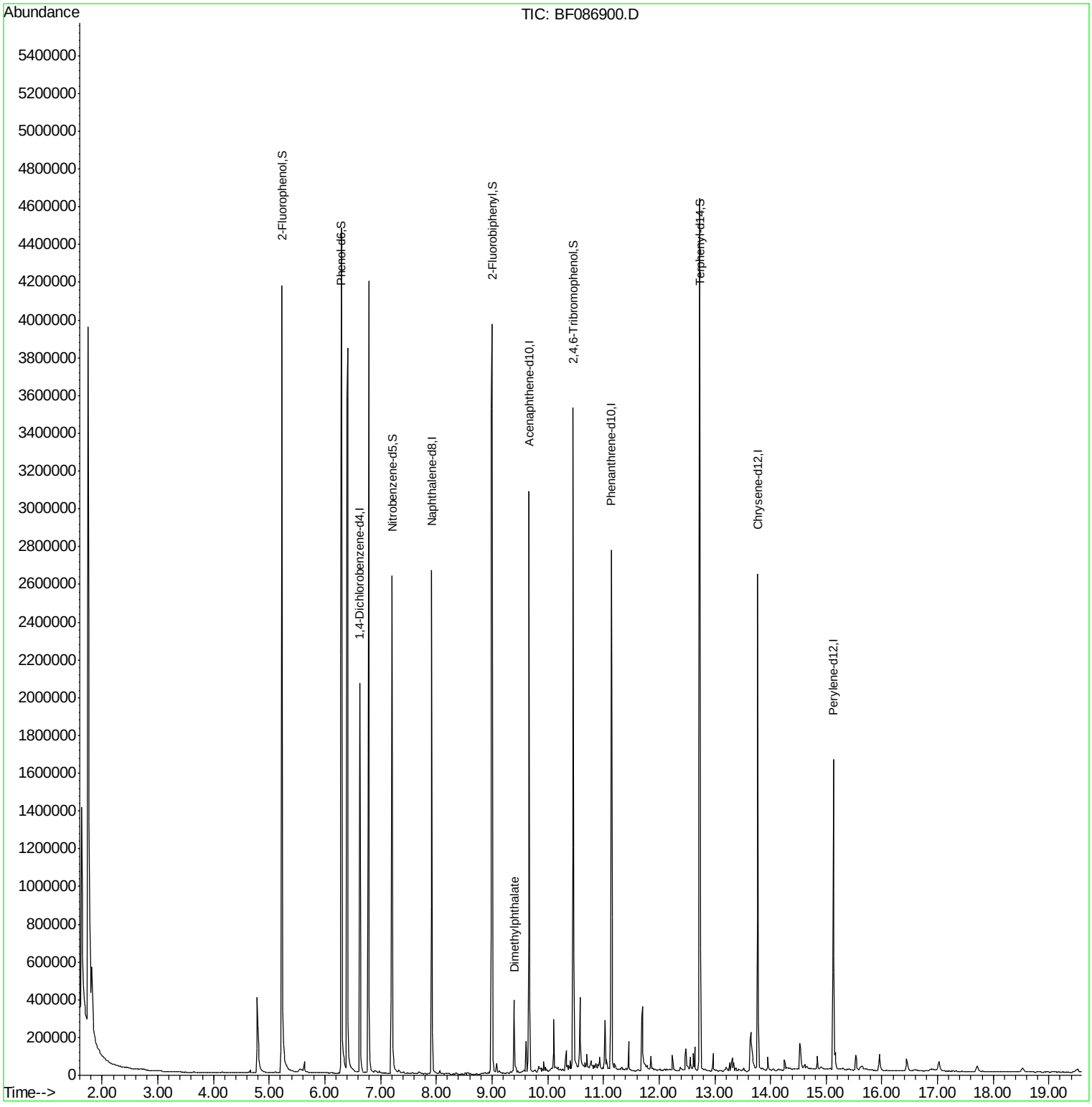
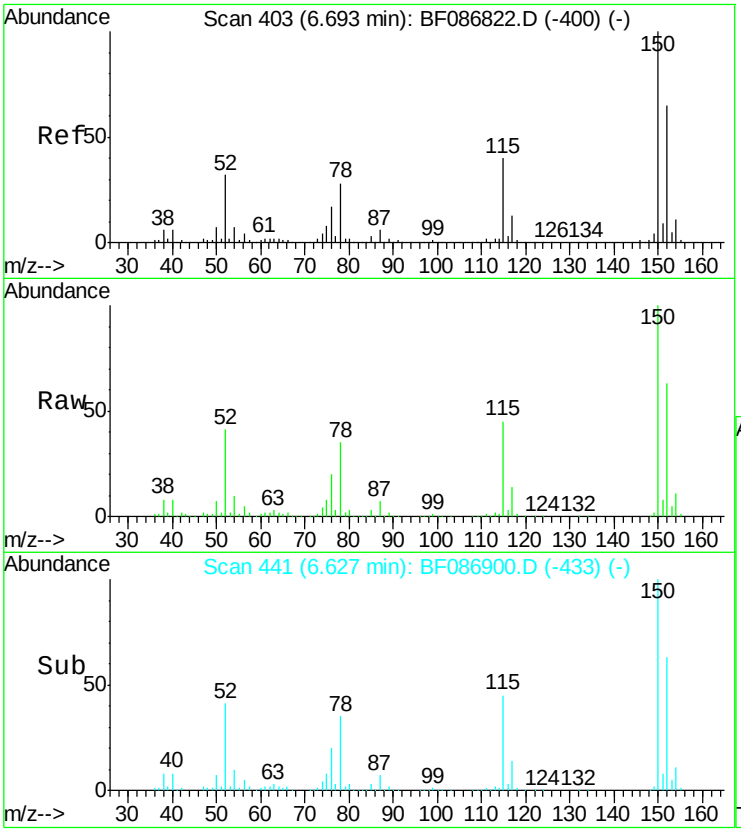


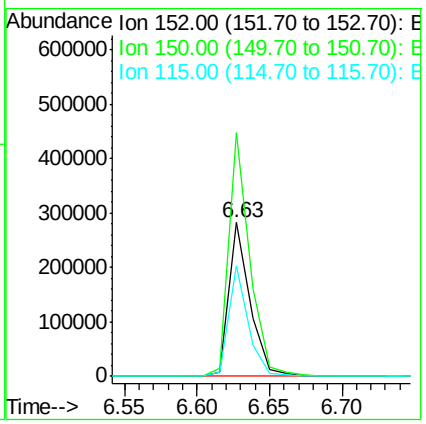


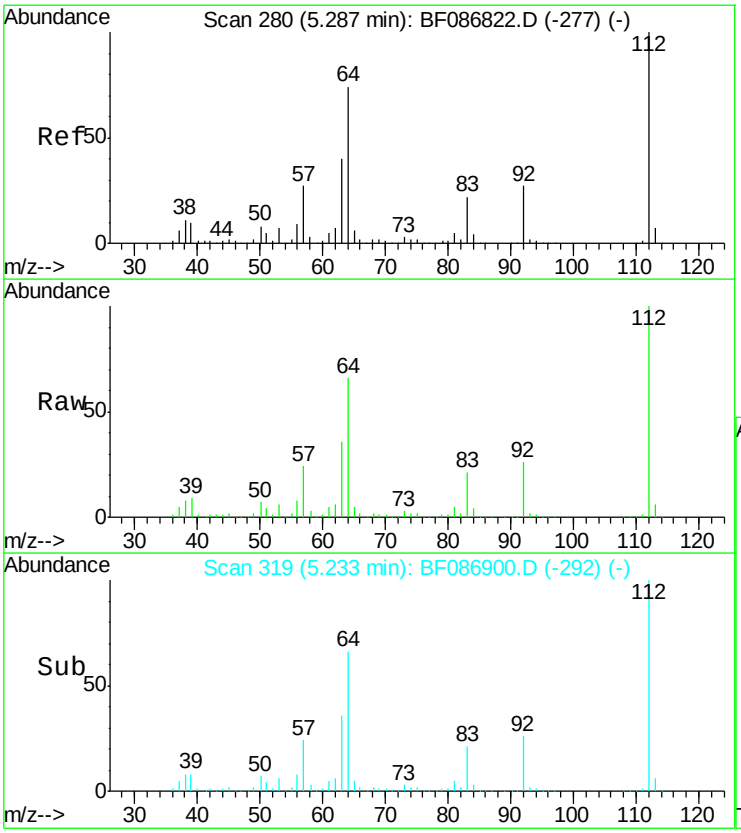
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
TP18-8FT

Tgt Ion:152 Resp: 285284

Ion	Ratio	Lower	Upper
152	100		
150	158.7	125.8	188.6
115	72.0	51.5	77.3

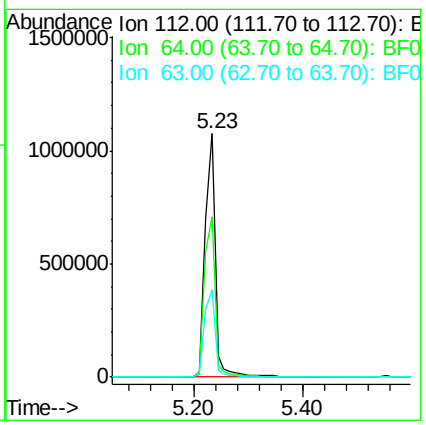


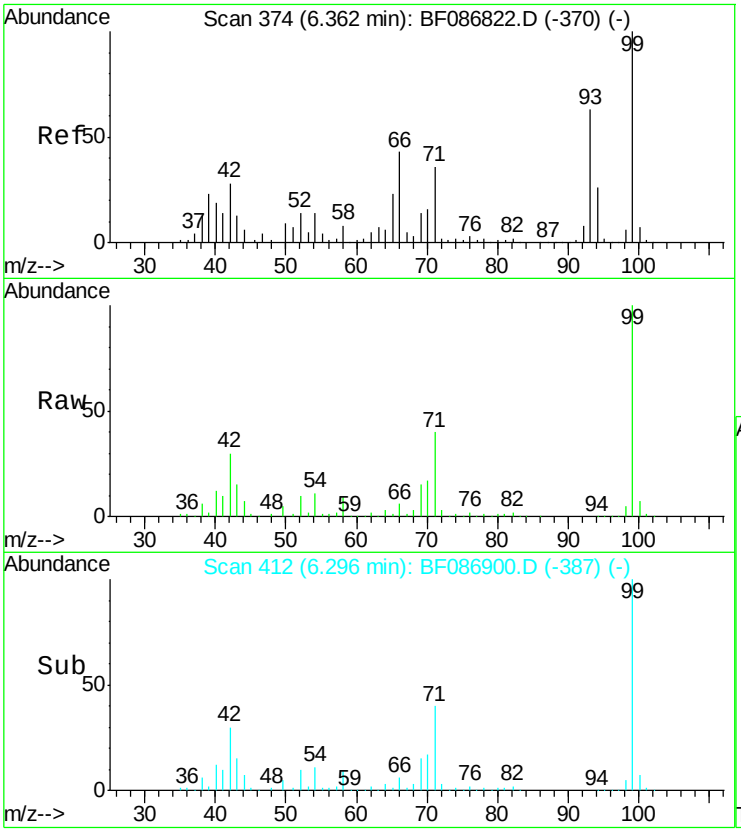


#5
2-Fluorophenol
Concen: 83.04 ng
RT: 5.23 min Scan# 319
Delta R.T. 0.01 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Tgt Ion:112 Resp: 1398800

Ion	Ratio	Lower	Upper
112	100		
64	65.8	52.1	78.1
63	35.8	25.7	38.5



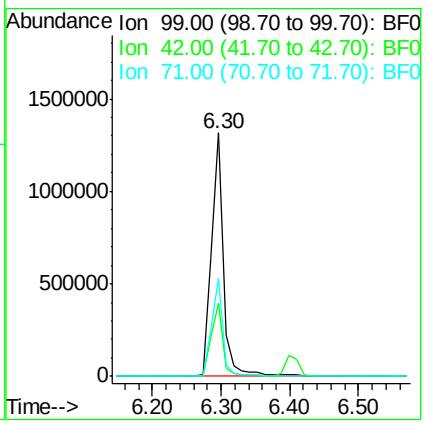


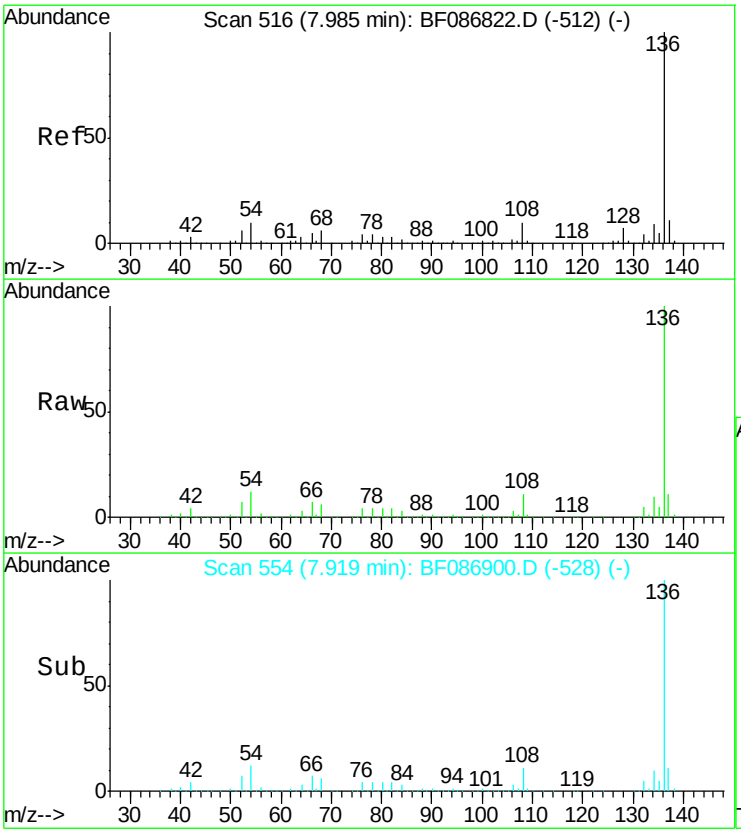
#7
Phenol-d6
Concen: 72.48 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
TP18-8FT

Tgt Ion: 99 Resp: 1631813

Ion	Ratio	Lower	Upper
99	100		
42	30.3	13.6	20.4#
71	40.1	24.6	36.8#

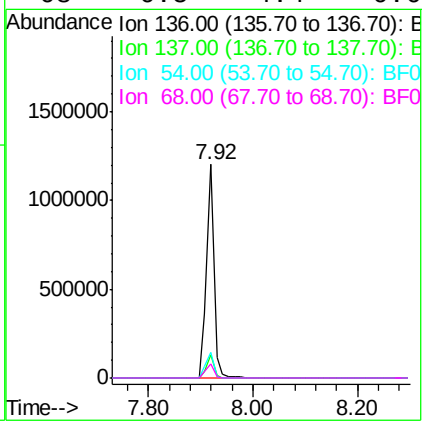


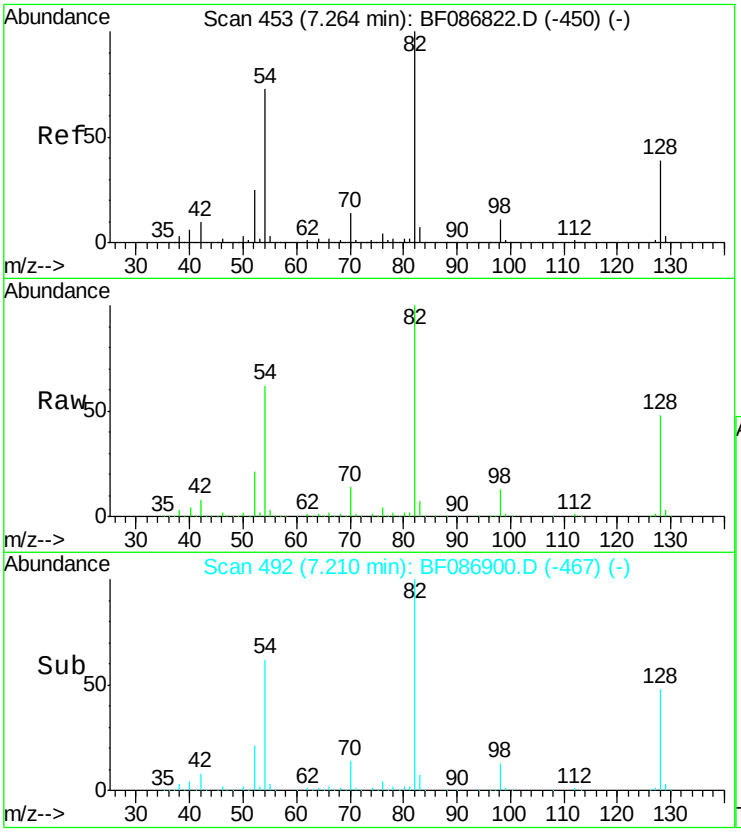


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Tgt Ion:136 Resp: 1194874

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.8	5.0	7.4#
68	6.5	4.4	6.6



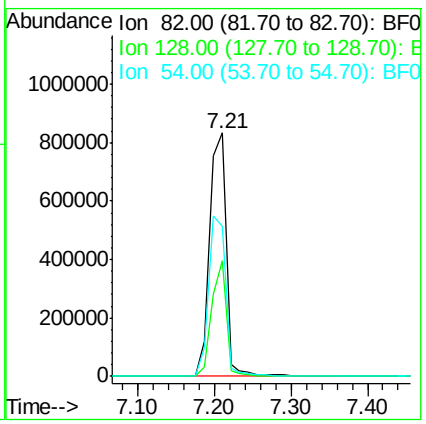


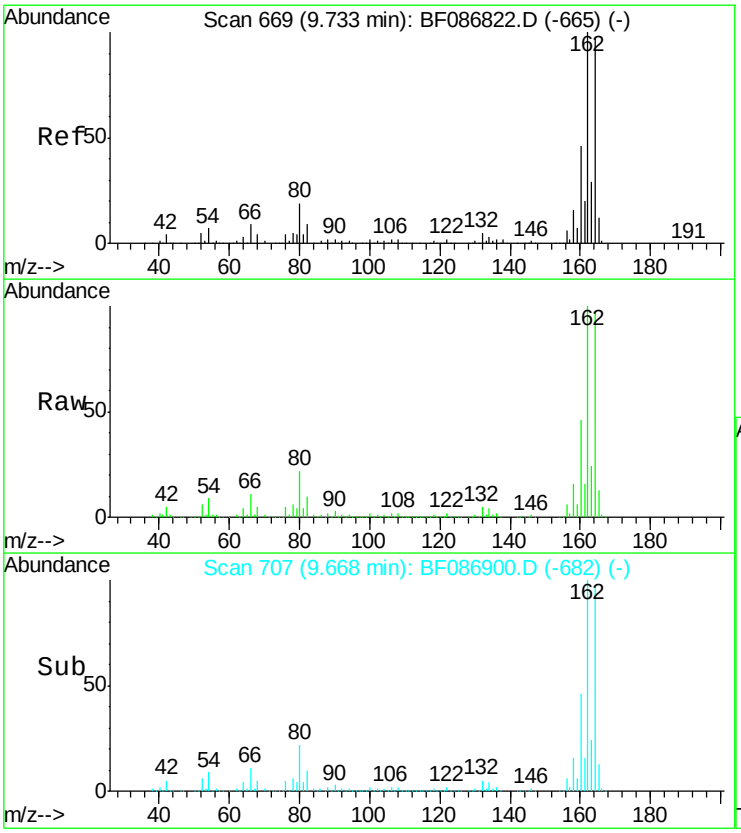
#23
Nitrobenzene-d5
Concen: 52.32 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
TP18-8FT

Tgt Ion: 82 Resp: 1244961

Ion	Ratio	Lower	Upper
82	100		
128	47.7	40.6	61.0
54	61.6	38.1	57.1#

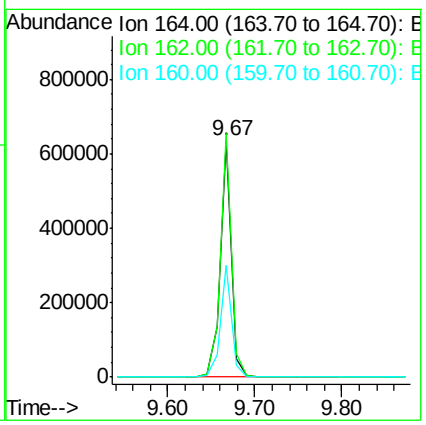


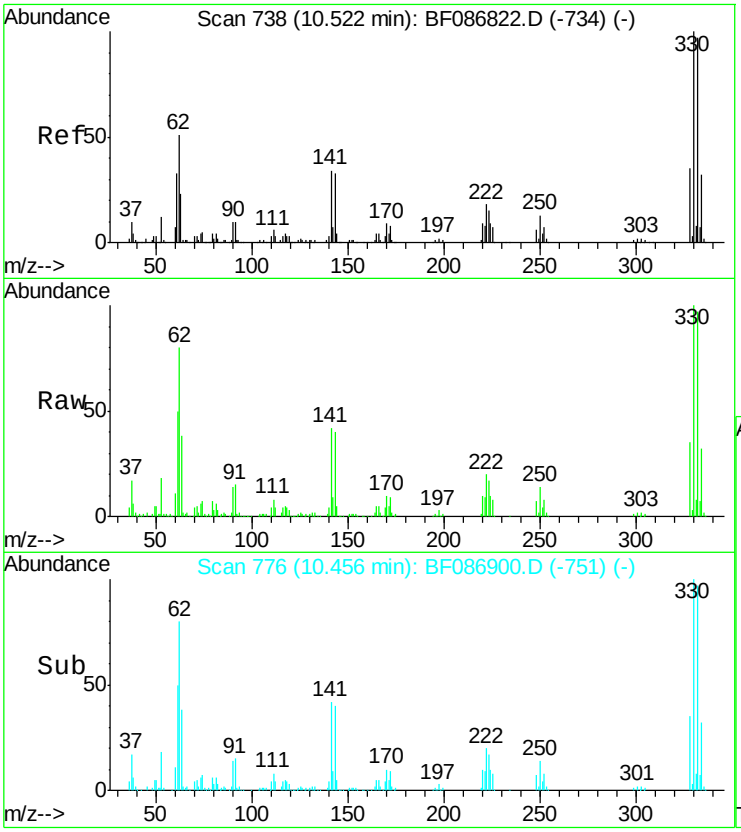


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Tgt Ion:164 Resp: 575231

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	47.1	36.9	55.3



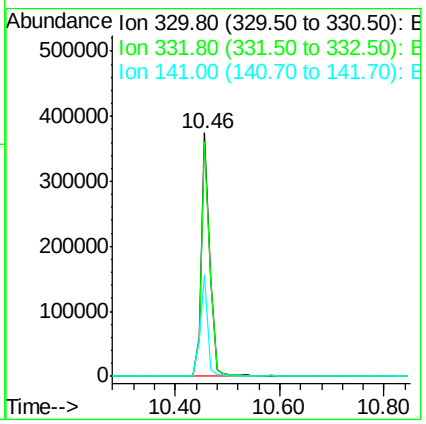


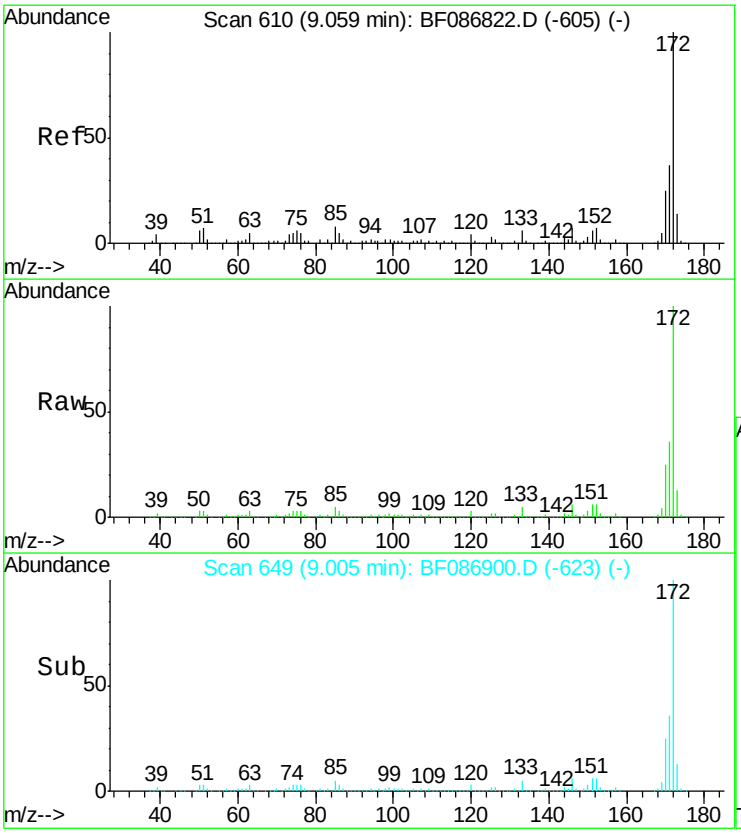
#41
2,4,6-Tribromophenol
Concen: 69.94 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
TP18-8FT

Tgt Ion:330 Resp: 425938

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	37.7	31.2	46.8

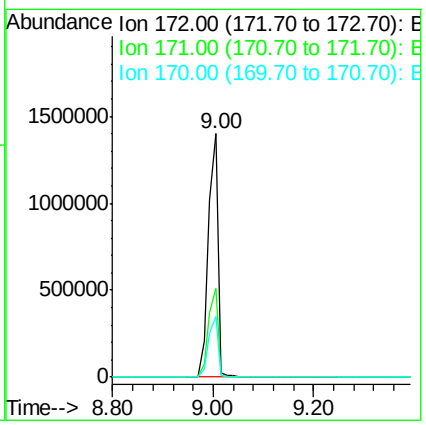


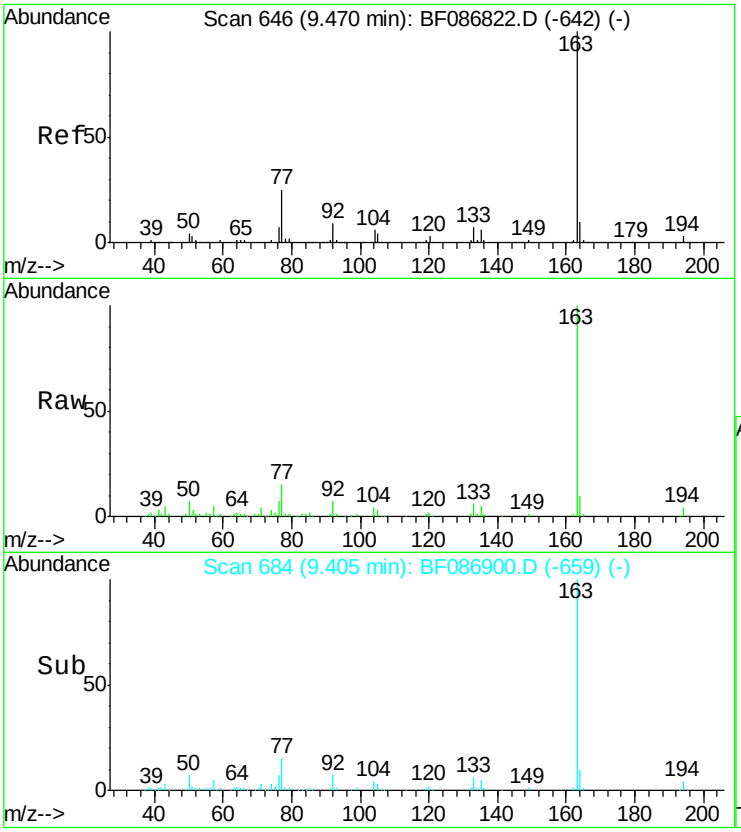


#44
2-Fluorobiphenyl
Concen: 54.20 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Tgt Ion:172 Resp: 1855188

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.7	19.8	29.8



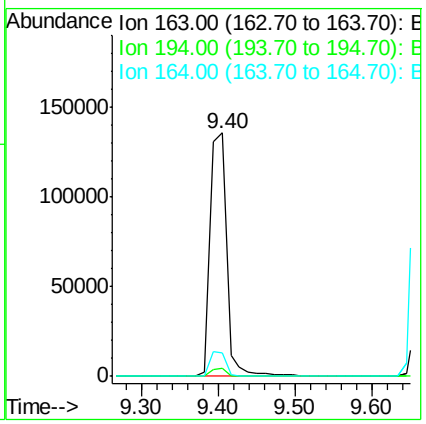


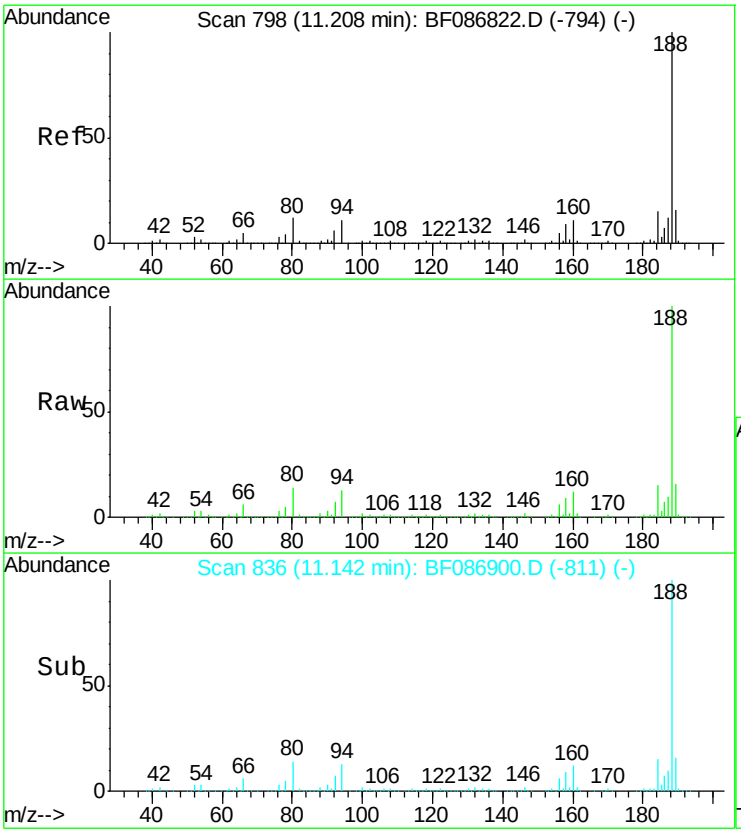
#49
Dimethylphthalate
Concen: 4.63 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
TP18-8FT

Tgt Ion:163 Resp: 202988

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.6	8.2	12.4

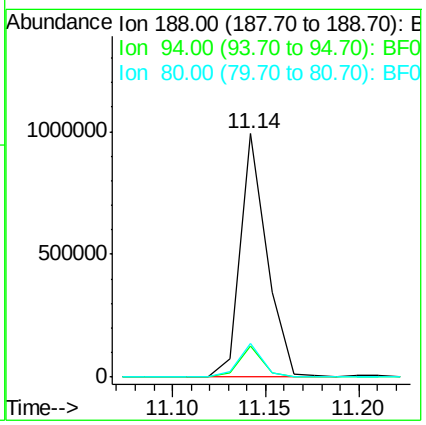


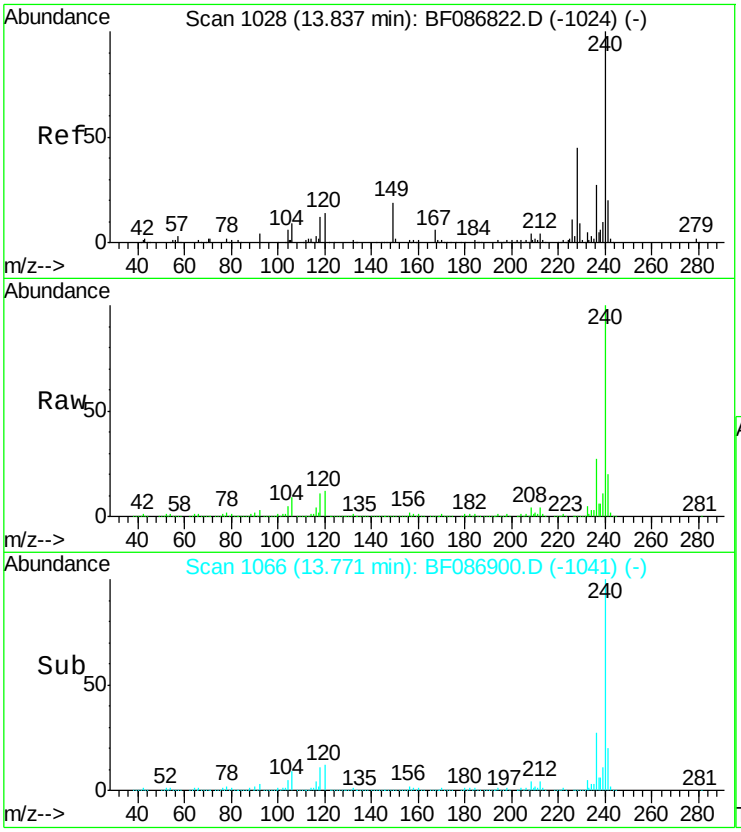


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Tgt Ion:188 Resp: 984822

Ion	Ratio	Lower	Upper
188	100		
94	12.6	6.8	10.2#
80	13.9	7.1	10.7#



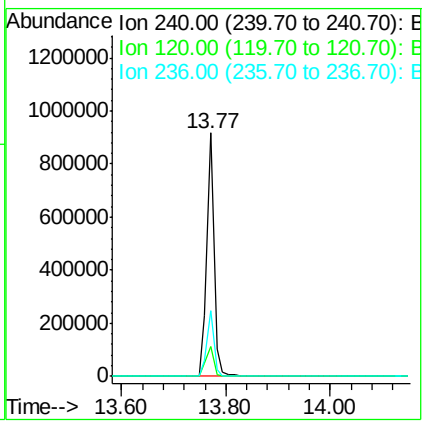


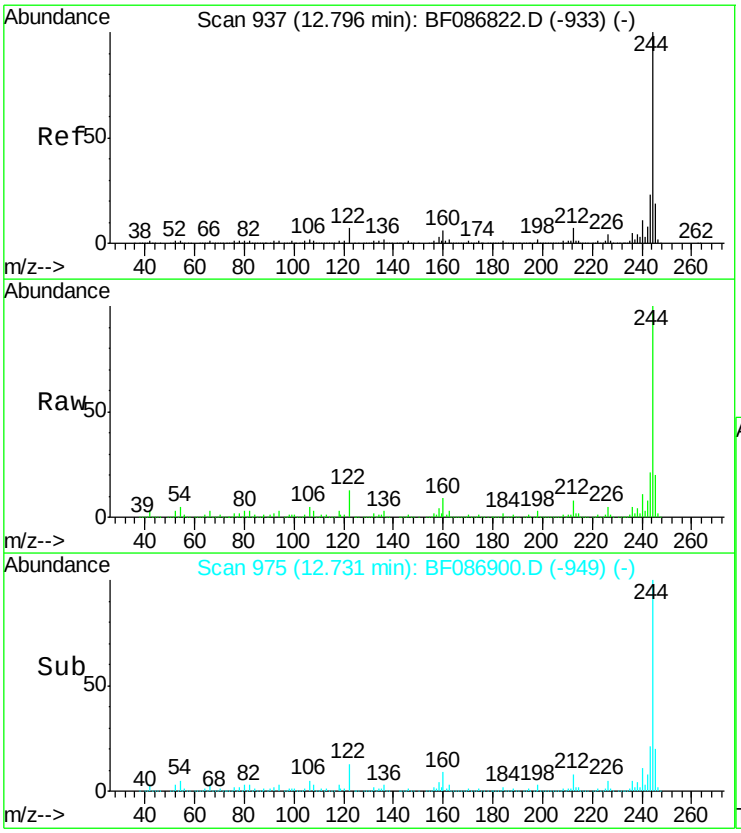
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
TP18-8FT

Tgt Ion:240 Resp: 888623

Ion	Ratio	Lower	Upper
240	100		
120	12.3	11.2	16.8
236	27.1	21.2	31.8

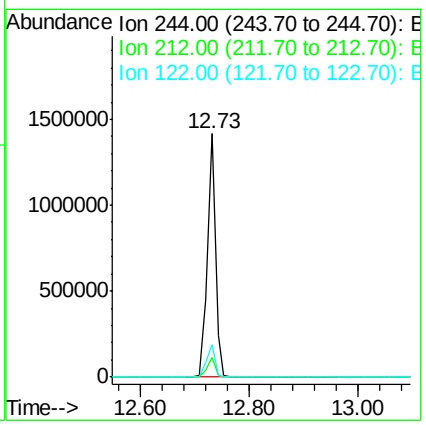


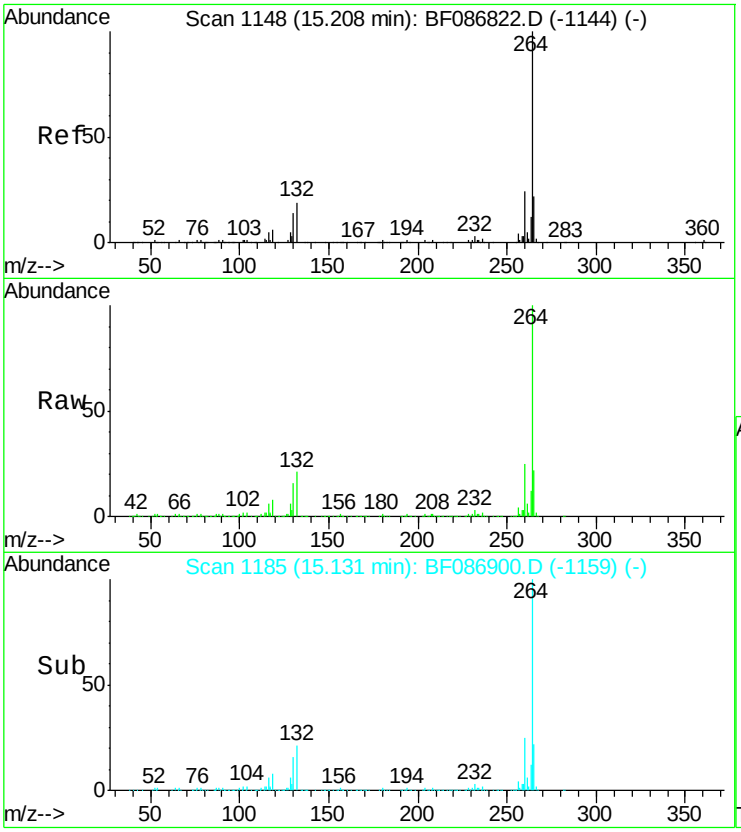


#78
Terphenyl-d14
Concen: 35.27 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Tgt Ion:244 Resp: 1477123

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.4	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF086900.D
Acq: 11 May 2016 21:05

Instrument :
BNA_F
ClientSampleId :
TP18-8FT

Tgt Ion:264 Resp: 703459

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.0	17.3	25.9