Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086143.D
Acq On : 7 Apr 2016 21:31
Operator : UM/SJ
Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

Quant Time: Apr 08 03:34:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	100610	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	410455	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	186062	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	369709	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	276816	20.00	ng	-0.03
86) Perylene-d12	15.29	264	186440	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	364985	62.01	ng	-0.03
7) Phenol-d6	6.38	99	278048	37.19	ng	-0.03
23) Nitrobenzene-d5	7.31	82	691193	99.31	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	282061	161.51	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1142193	102.07	ng	-0.03
78) Terphenyl-d14	12.84	244	1079668	91.68	ng	-0.03

Target Compounds	Qvalue

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

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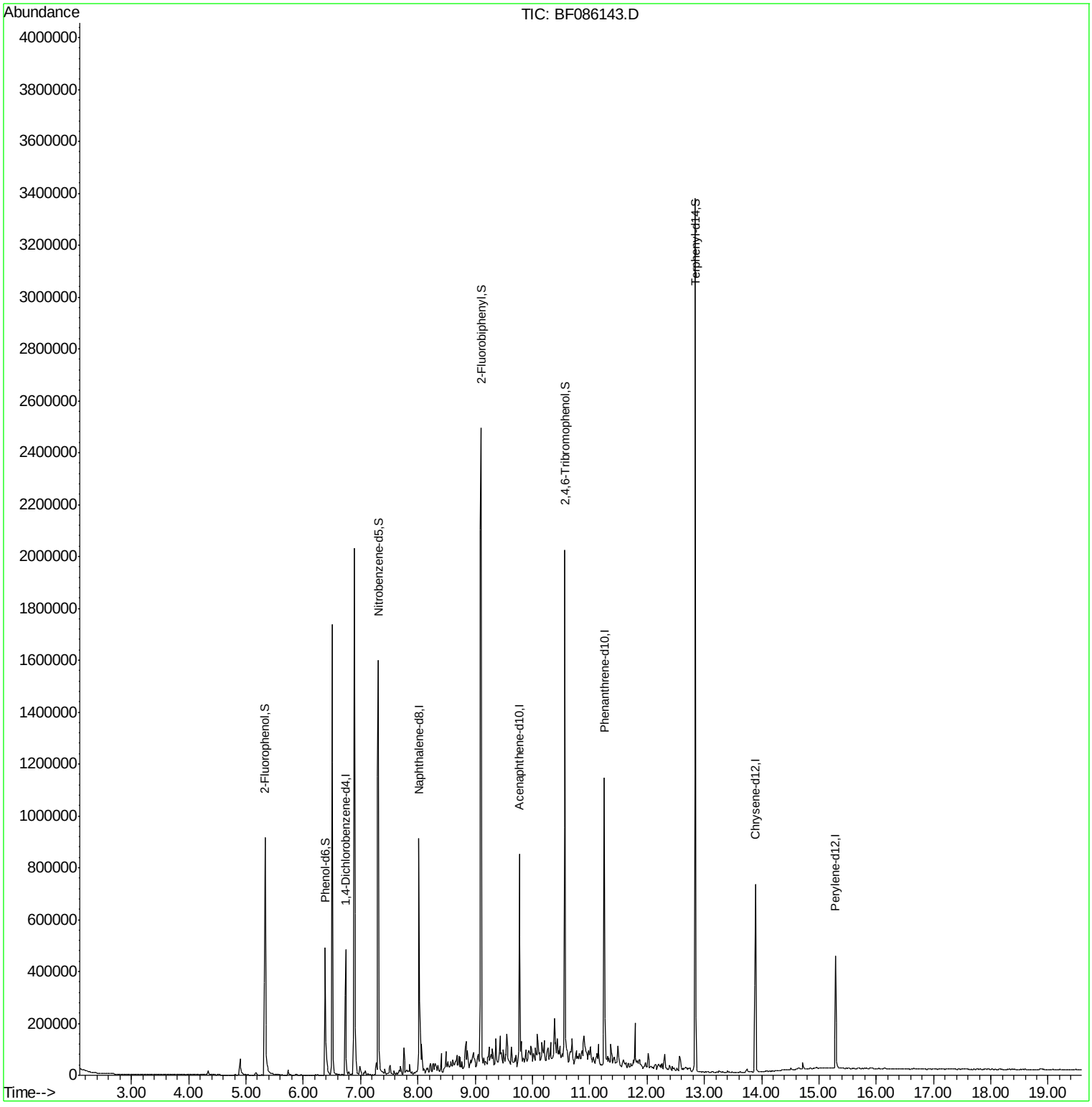
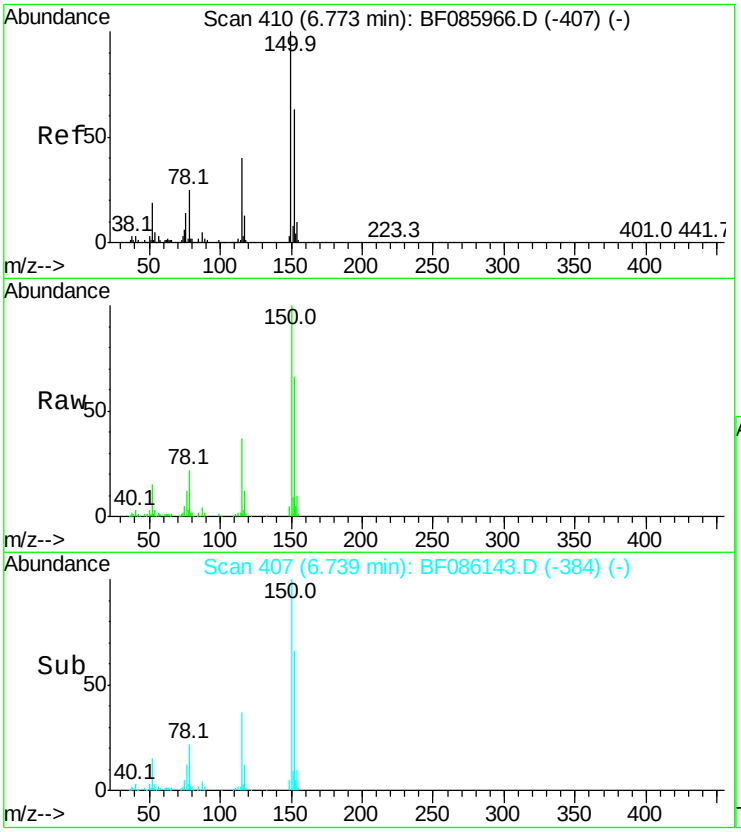


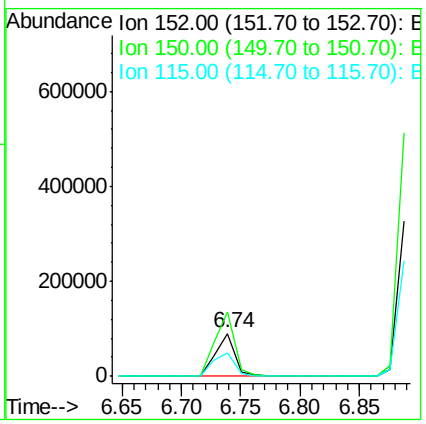


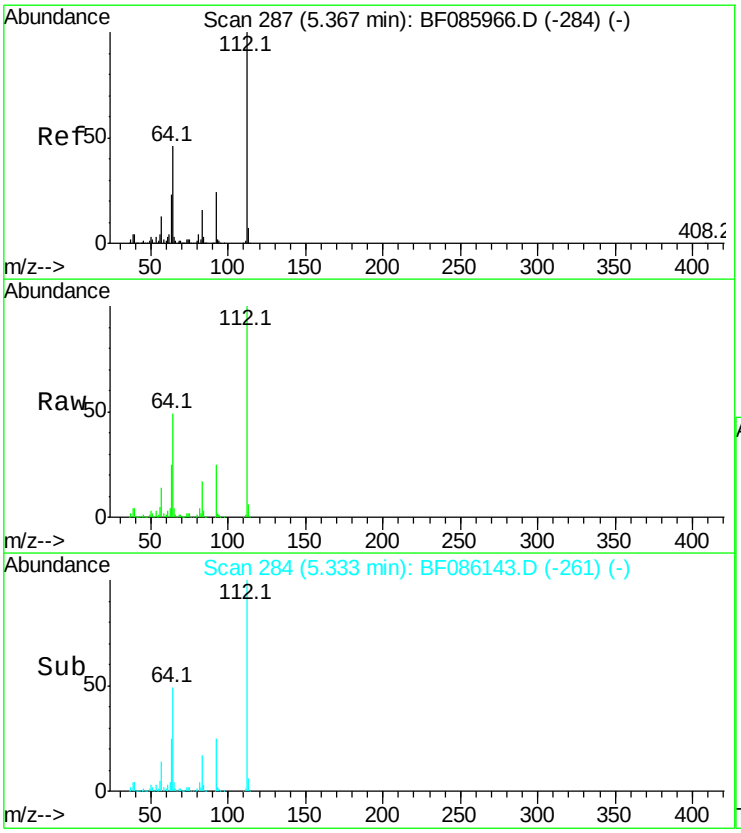
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086143.D
Acq: 7 Apr 2016 21:31

Instrument :
BNA_F
ClientSampleId :
RW-3-040116

Tgt Ion:152 Resp: 100610

Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.2	186.2
115	56.2	47.0	70.6

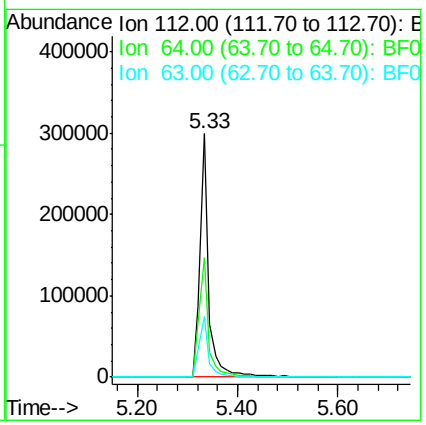


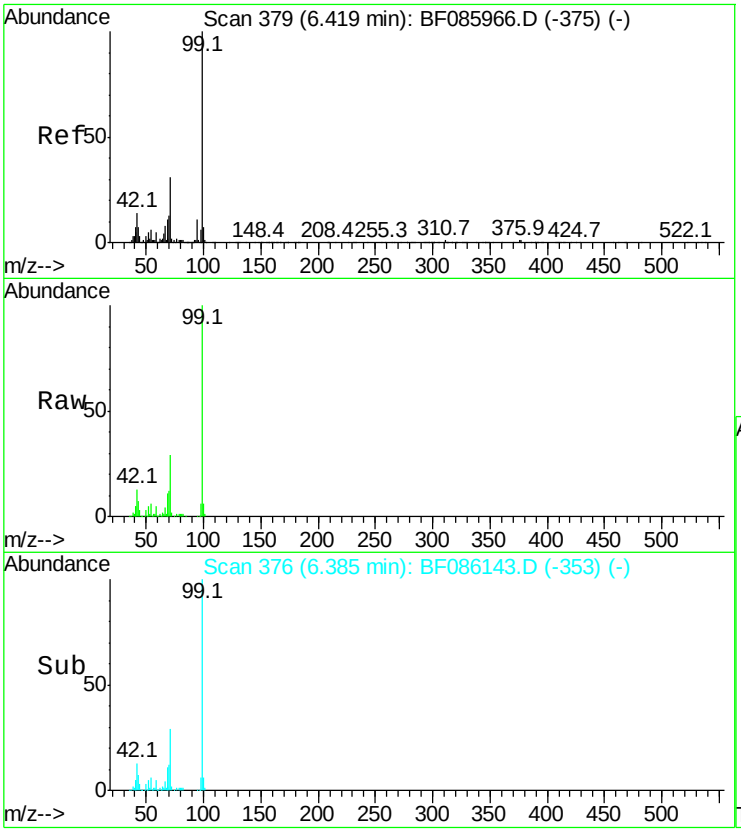


#5
2-Fluorophenol
Concen: 62.01 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086143.D
Acq: 7 Apr 2016 21:31

Tgt Ion:112 Resp: 364985

Ion	Ratio	Lower	Upper
112	100		
64	48.9	39.9	59.9
63	24.8	20.2	30.2



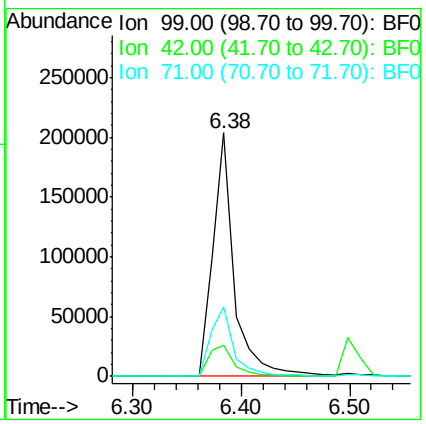


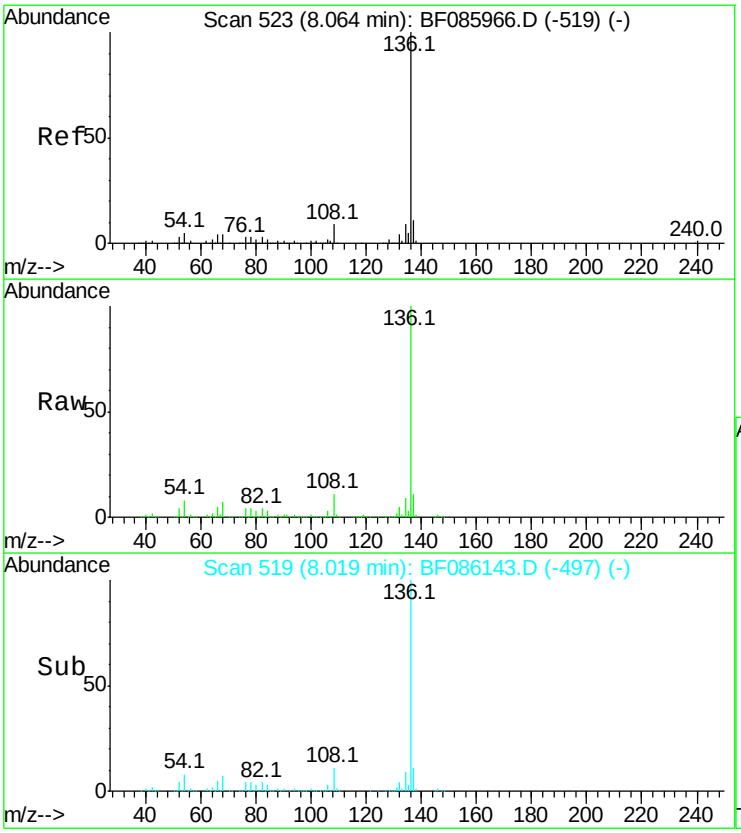
#7
Phenol-d6
Concen: 37.19 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF086143.D
Acq: 7 Apr 2016 21:31

Instrument :
BNA_F
ClientSampleId :
RW-3-040116

Tgt Ion: 99 Resp: 278048

Ion	Ratio	Lower	Upper
99	100		
42	12.7	11.1	16.7
71	28.8	24.9	37.3

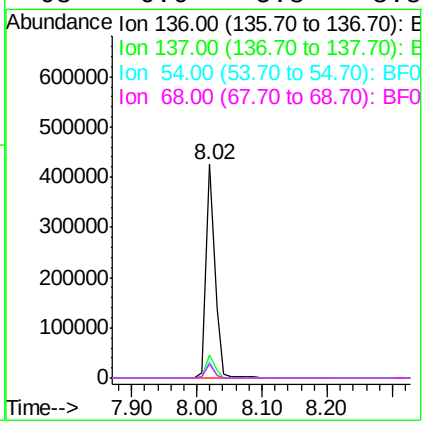


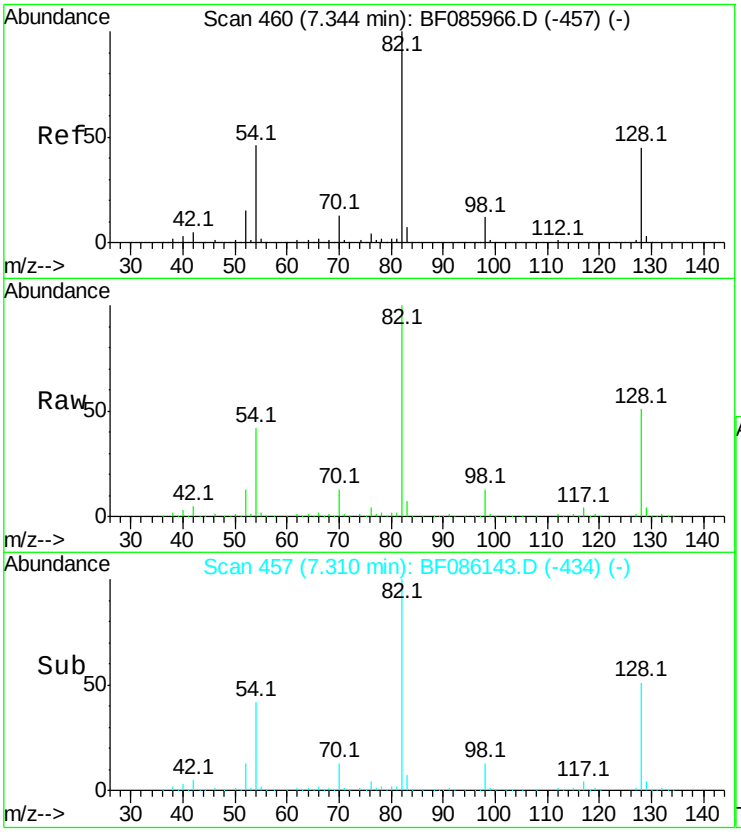


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086143.D
Acq: 7 Apr 2016 21:31

Tgt Ion:136 Resp: 410455

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.8	7.4	11.0
68	6.6	5.8	8.8



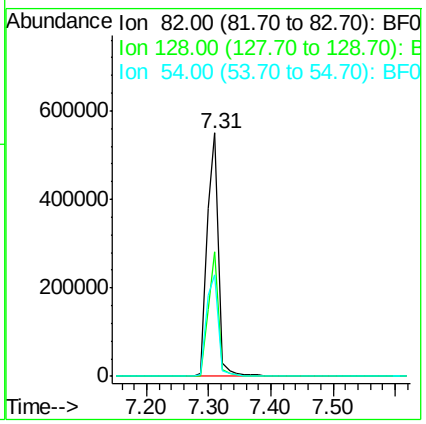


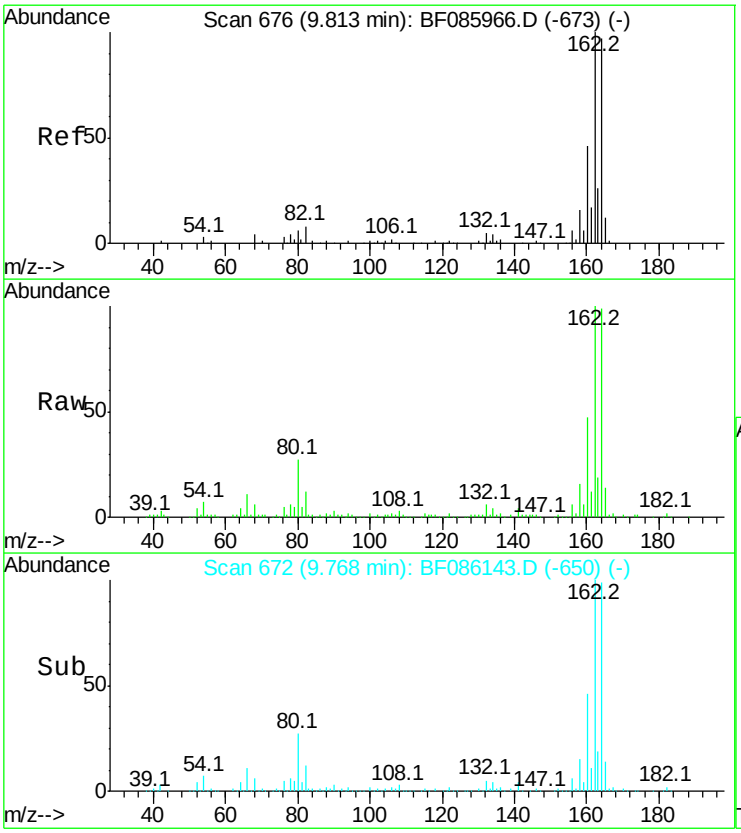
#23
Nitrobenzene-d5
Concen: 99.31 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086143.D
Acq: 7 Apr 2016 21:31

Instrument :
BNA_F
ClientSampleId :
RW-3-040116

Tgt Ion: 82 Resp: 691193

Ion	Ratio	Lower	Upper
82	100		
128	51.1	41.8	62.8
54	41.7	33.4	50.0

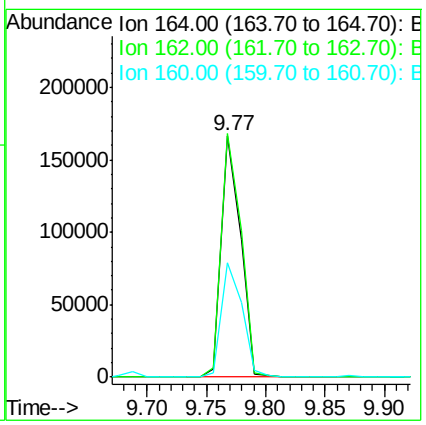


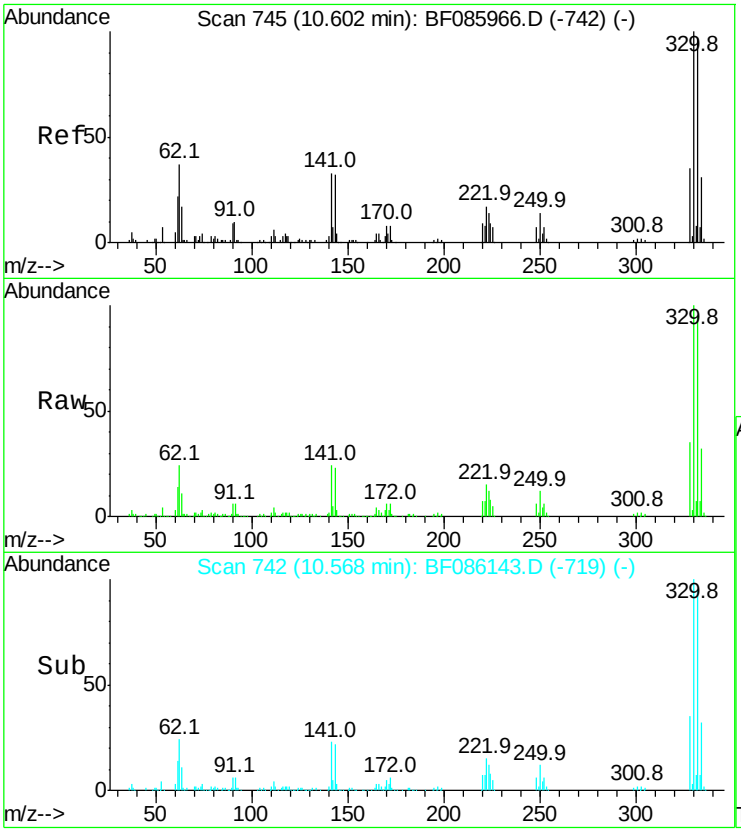


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086143.D
Acq: 7 Apr 2016 21:31

Tgt Ion:164 Resp: 186062

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.1	123.1
160	47.3	37.4	56.2

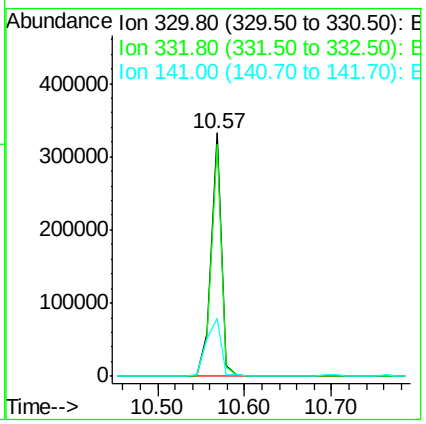




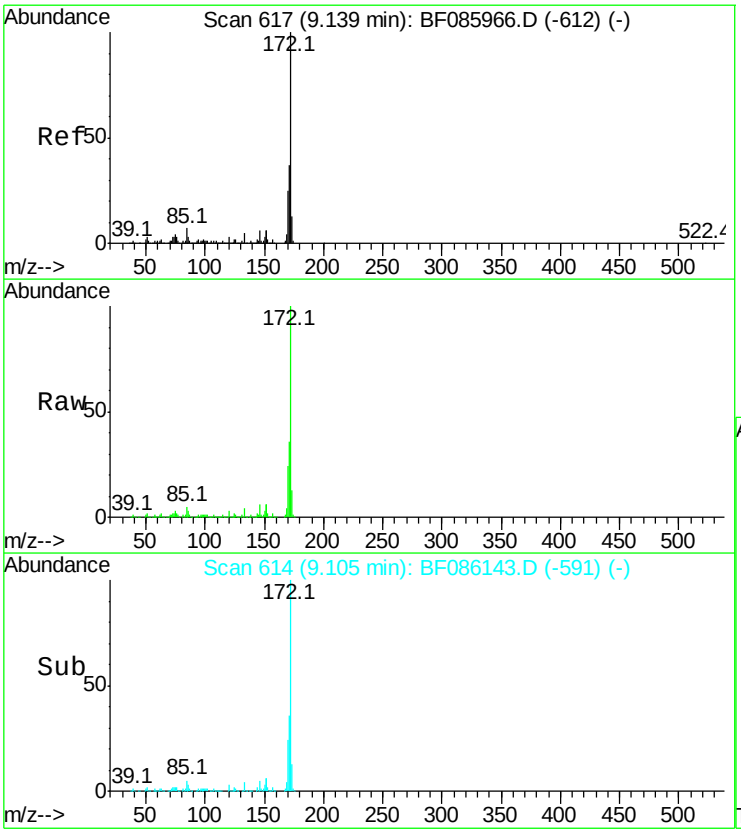
#41
2,4,6-Tribromophenol
Concen: 161.51 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF086143.D
Acq: 7 Apr 2016 21:31

Tgt Ion:330 Resp: 282061

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.2	117.2
141	33.2	31.5	47.3



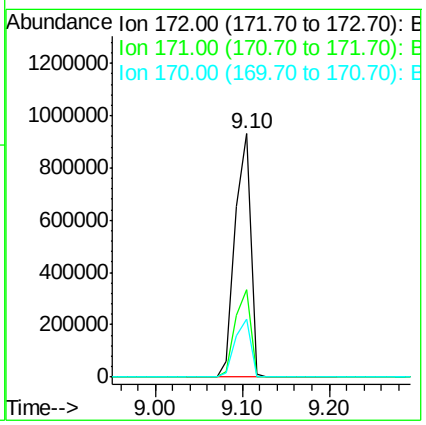
Instrument :
BNA_F
ClientSampleId :
RW-3-040116

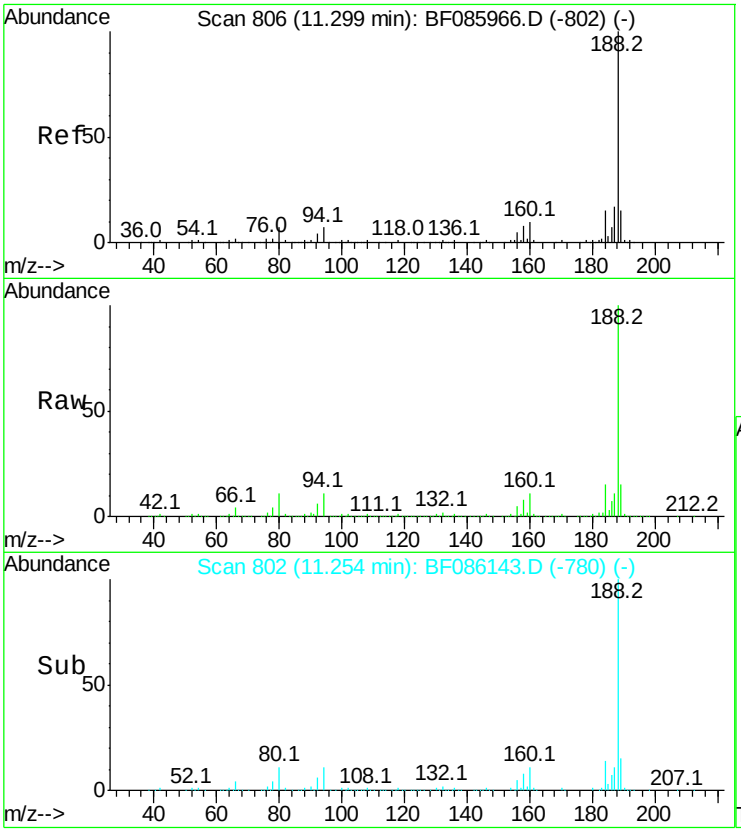


#44
2-Fluorobiphenyl
Concen: 102.07 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086143.D
Acq: 7 Apr 2016 21:31

Tgt Ion:172 Resp: 1142193

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	23.8	19.8	29.6



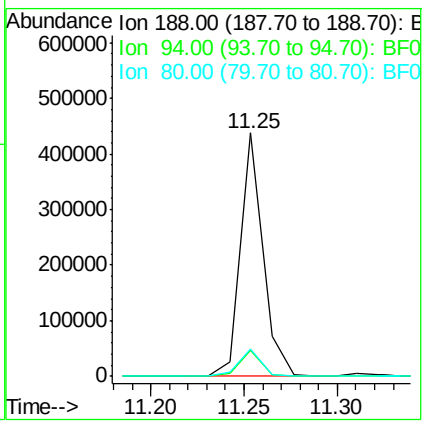


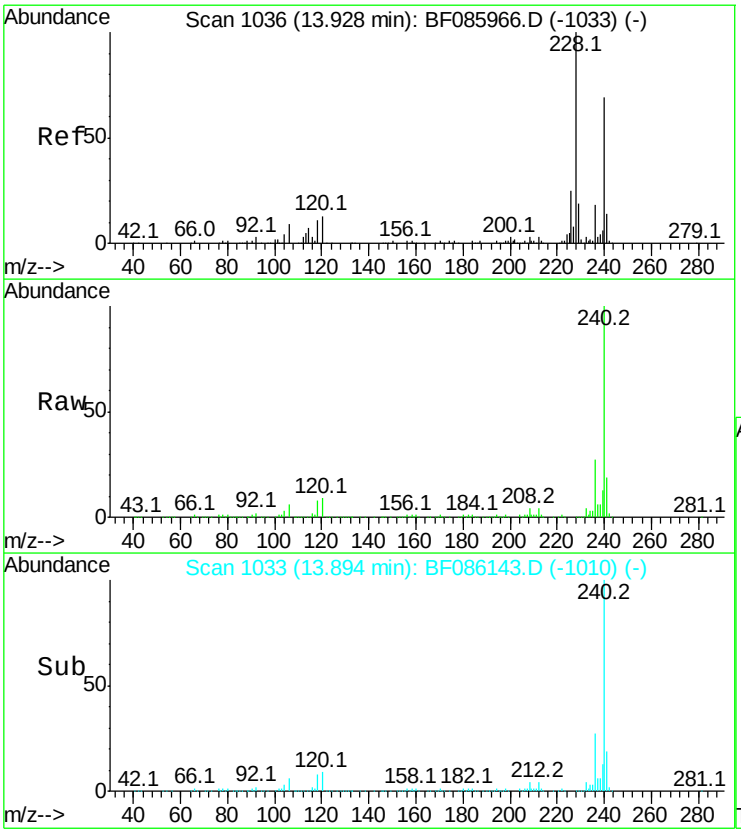
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086143.D
Acq: 7 Apr 2016 21:31

Instrument :
BNA_F
ClientSampleId :
RW-3-040116

Tgt Ion:188 Resp: 369709

Ion	Ratio	Lower	Upper
188	100		
94	10.8	5.4	8.0#
80	11.3	5.5	8.3#

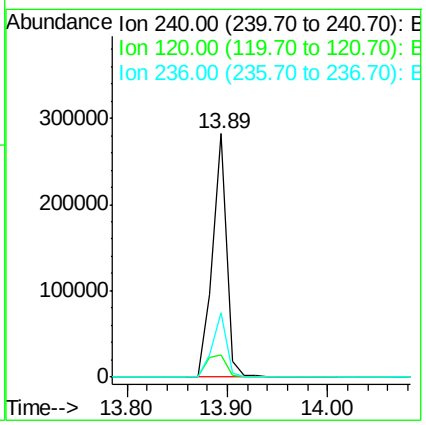


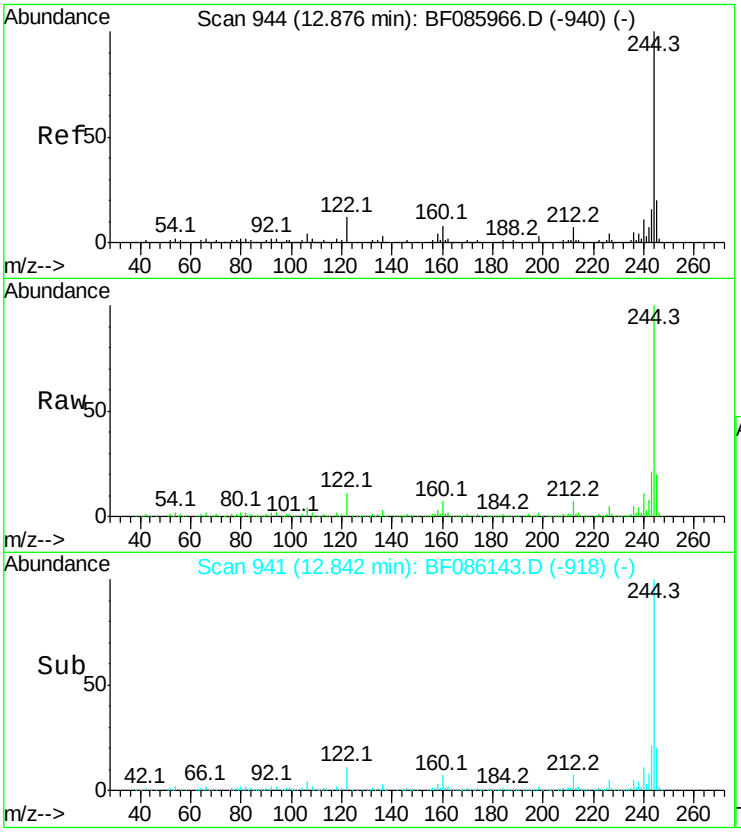


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086143.D
Acq: 7 Apr 2016 21:31

Tgt Ion:240 Resp: 276816

Ion	Ratio	Lower	Upper
240	100		
120	8.9	13.8	20.8#
236	26.6	20.6	30.8



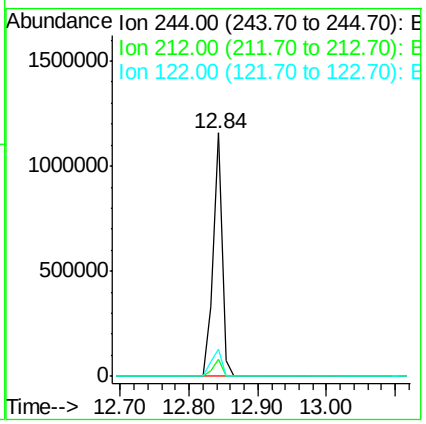


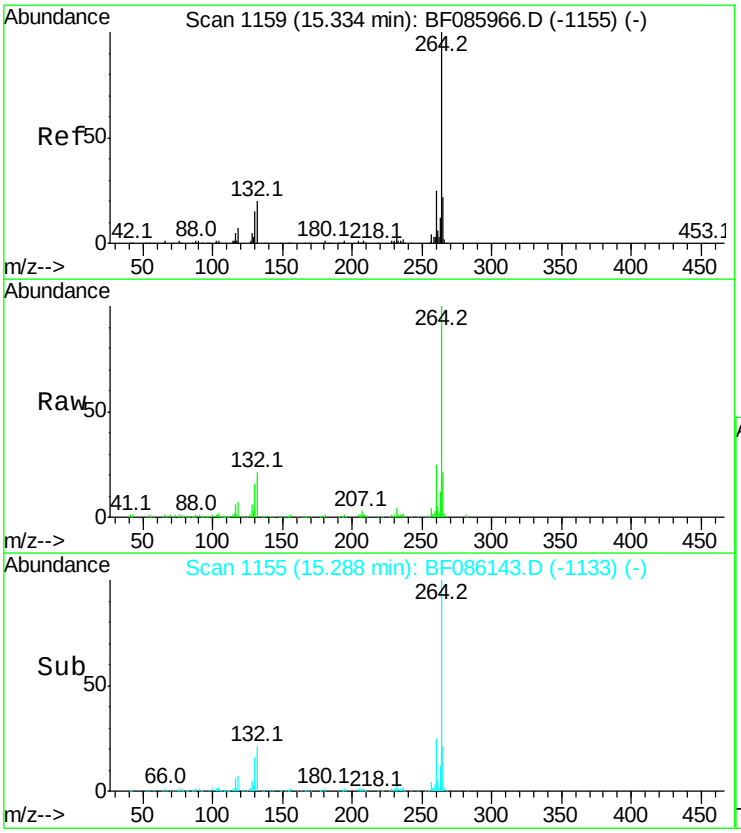
#78
Terphenyl-d14
Concen: 91.68 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF086143.D
Acq: 7 Apr 2016 21:31

Instrument :
BNA_F
ClientSampleId :
RW-3-040116

Tgt Ion:244 Resp: 1079668

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.1	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086143.D
Acq: 7 Apr 2016 21:31

Tgt Ion:264 Resp: 186440

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	20.7	17.2	25.8