Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086988.D
Acq On : 13 May 2016 23:48
Operator : UM/SJ
Sample : H2877-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-32

Quant Time: May 14 01:43:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	140145	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	570580	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	282901	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	534508	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	439239	20.00	ng	-0.01
86) Perylene-d12	15.11	264	328575	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	498357	60.22	ng	0.00
7) Phenol-d6	6.27	99	397234	35.92	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1029778	90.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	398789	133.15	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1564107	92.92	ng	0.00
78) Terphenyl-d14	12.71	244	1521464	73.49	ng	-0.01

Target Compounds	Qvalue

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

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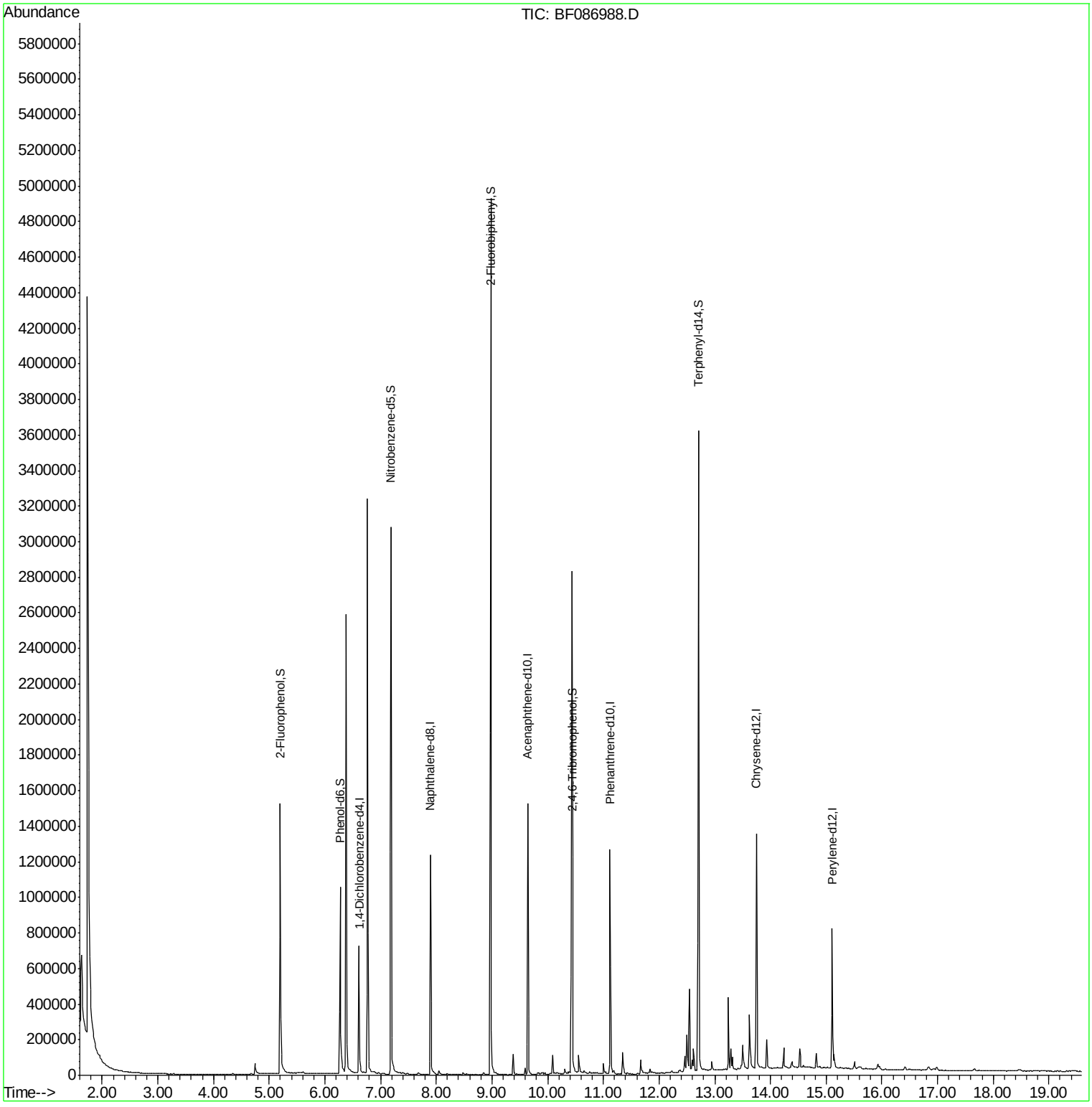
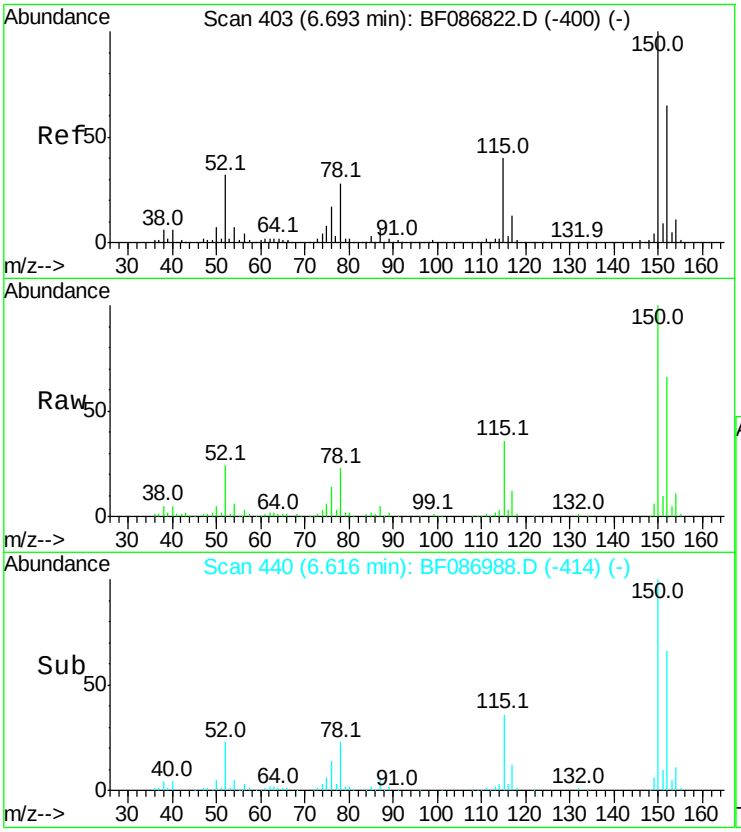


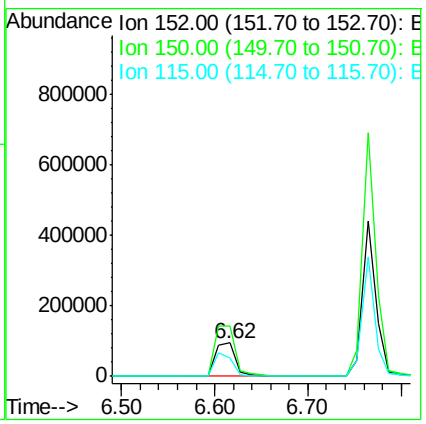


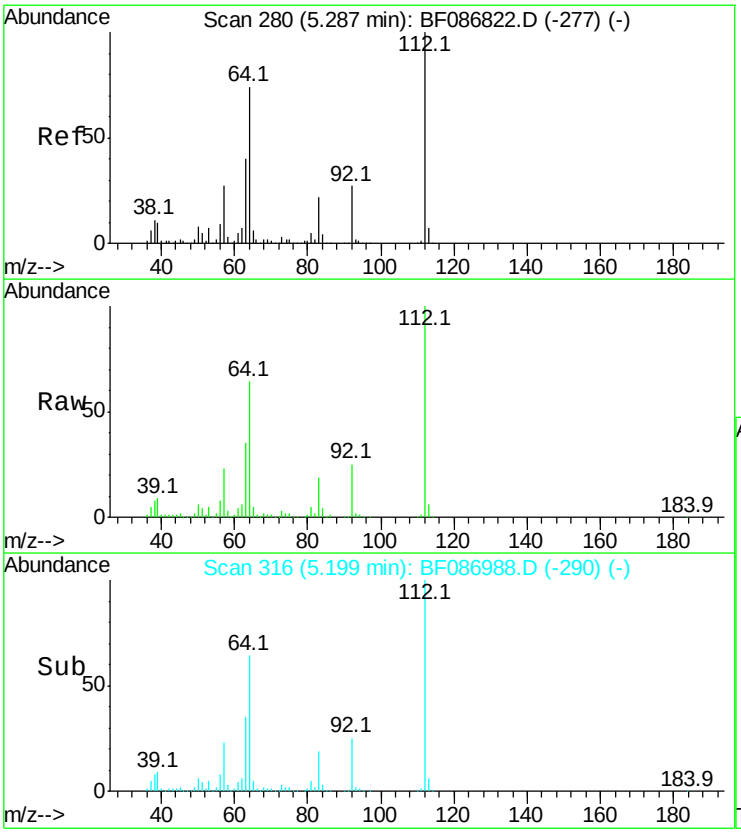
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Instrument :
BNA_F
ClientSampleId :
MW-32

Tgt Ion:152 Resp: 140145

Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.8	188.6
115	54.5	51.5	77.3

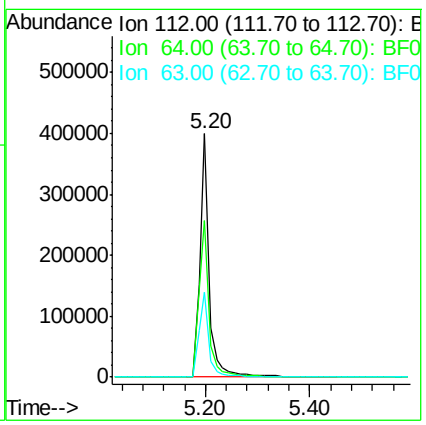


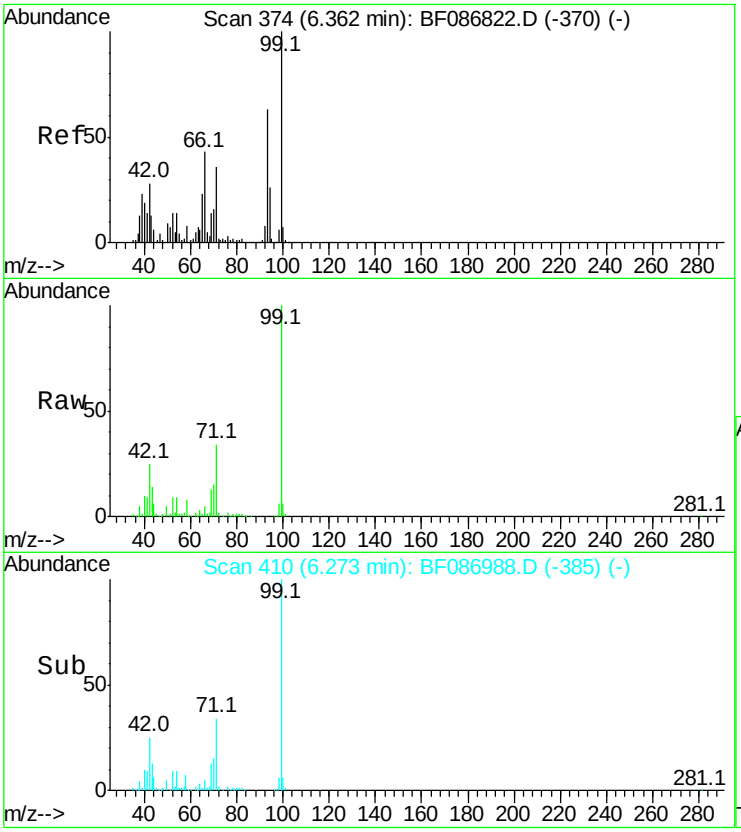


#5
2-Fluorophenol
Concen: 60.22 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.00 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Tgt Ion:112 Resp: 498357

Ion	Ratio	Lower	Upper
112	100		
64	64.4	52.1	78.1
63	34.8	25.7	38.5



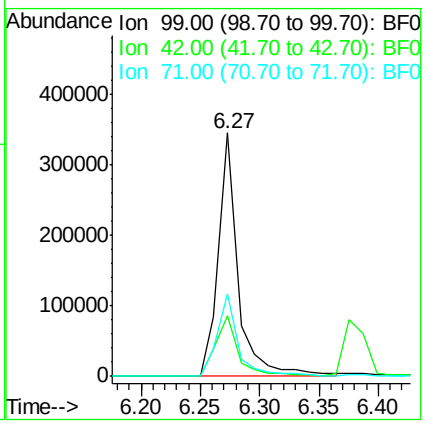


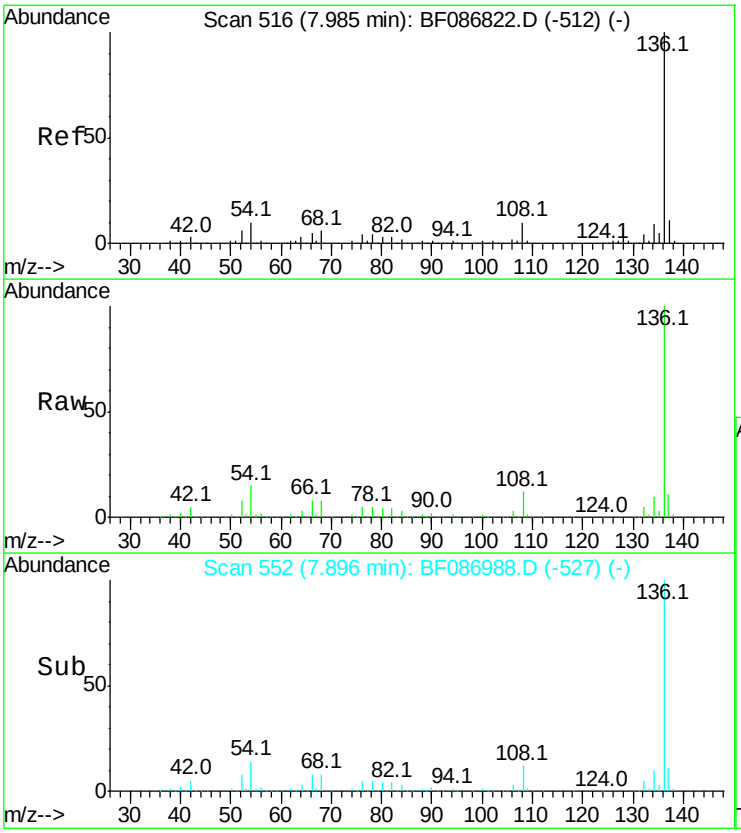
#7
Phenol-d6
Concen: 35.92 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Instrument :
BNA_F
ClientSampleId :
MW-32

Tgt Ion: 99 Resp: 397234

Ion	Ratio	Lower	Upper
99	100		
42	25.0	13.6	20.4#
71	34.0	24.6	36.8

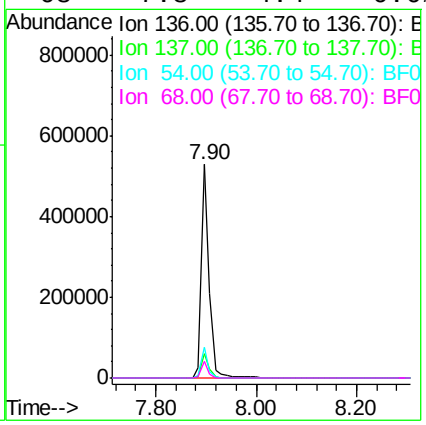


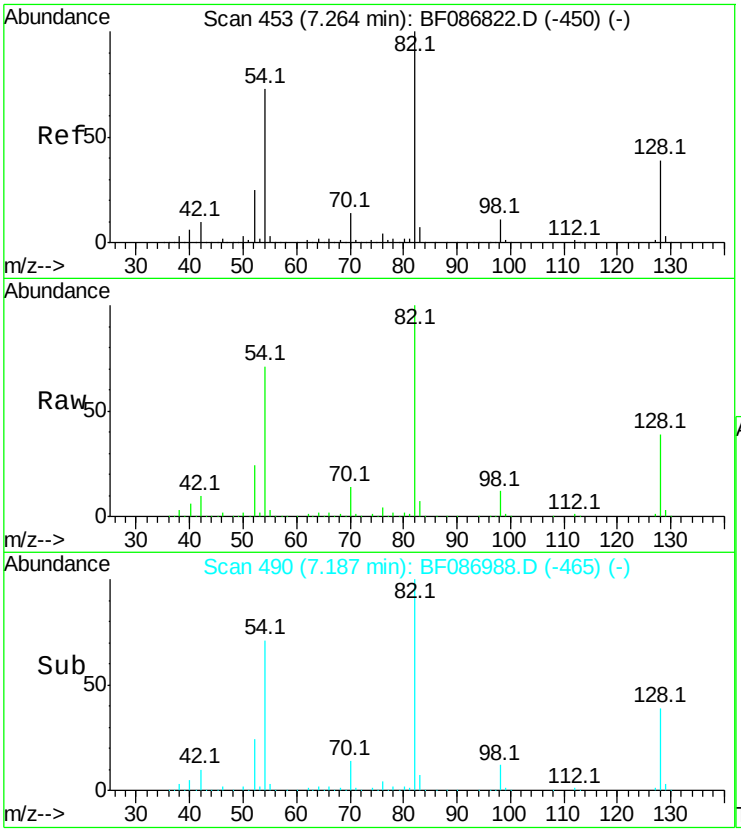


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Tgt Ion:136 Resp: 570580

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.5	5.0	7.4#
68	7.8	4.4	6.6#



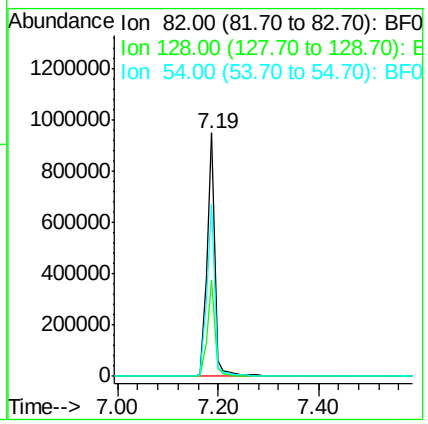


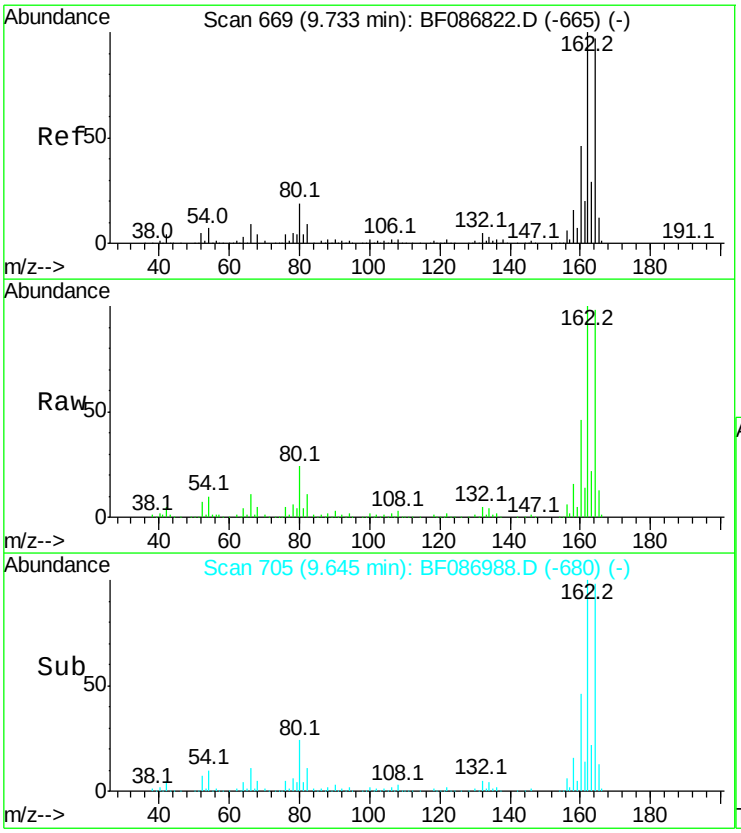
#23
Nitrobenzene-d5
Concen: 90.62 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Instrument :
BNA_F
ClientSampleId :
MW-32

Tgt Ion: 82 Resp: 1029778

Ion	Ratio	Lower	Upper
82	100		
128	39.4	40.6	61.0#
54	70.8	38.1	57.1#

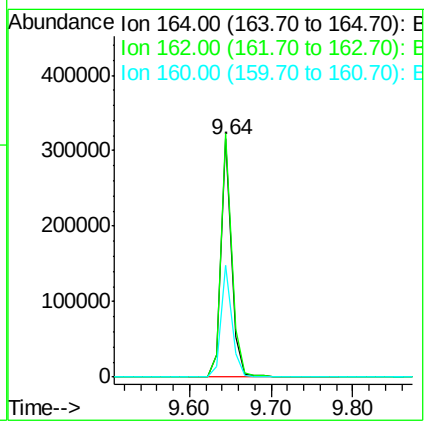


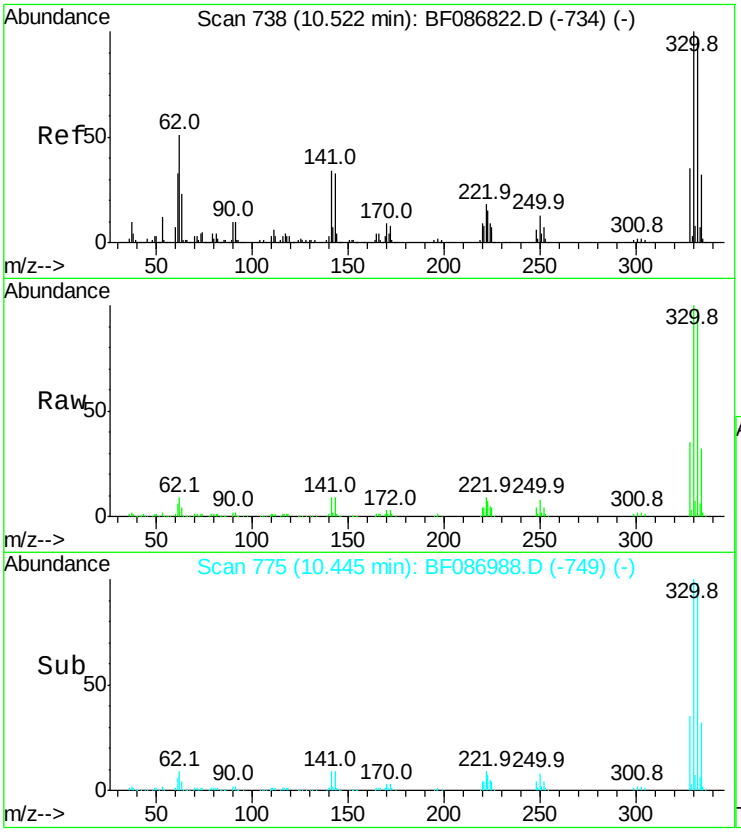


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Tgt Ion:164 Resp: 282901

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.8	124.2
160	46.7	36.9	55.3



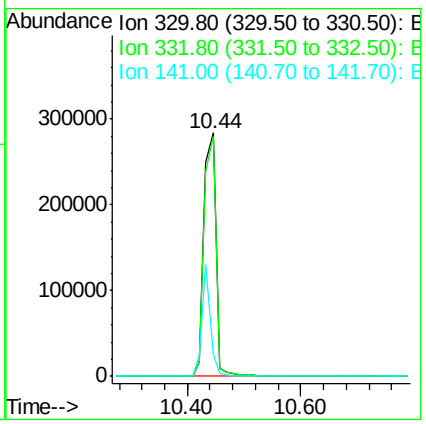


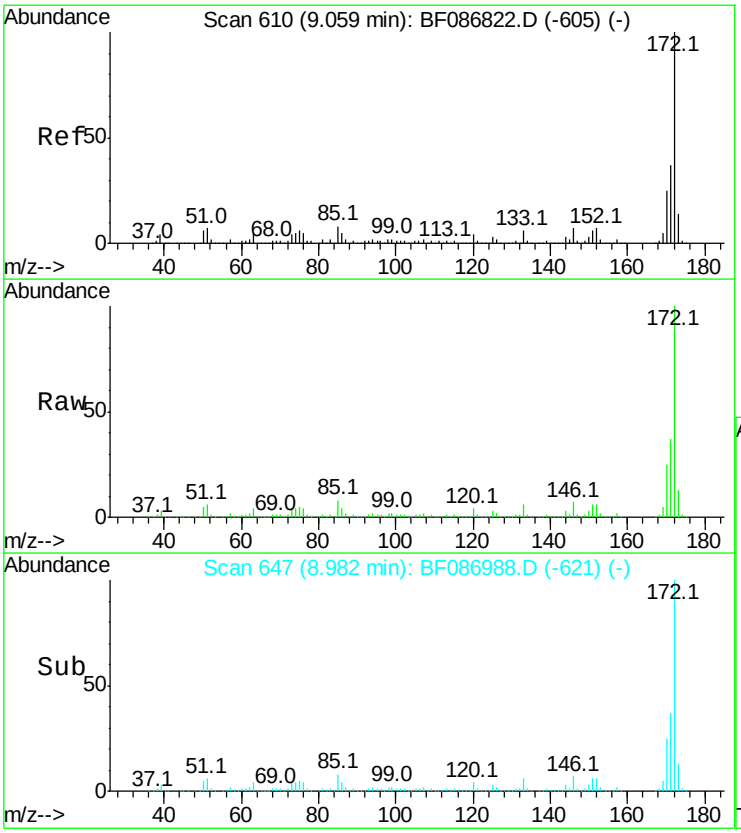
#41
2,4,6-Tribromophenol
Concen: 133.15 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Instrument :
BNA_F
ClientSampleId :
MW-32

Tgt Ion:330 Resp: 398789

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	32.9	31.2	46.8

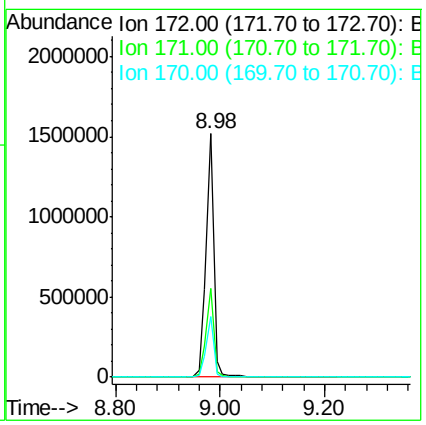


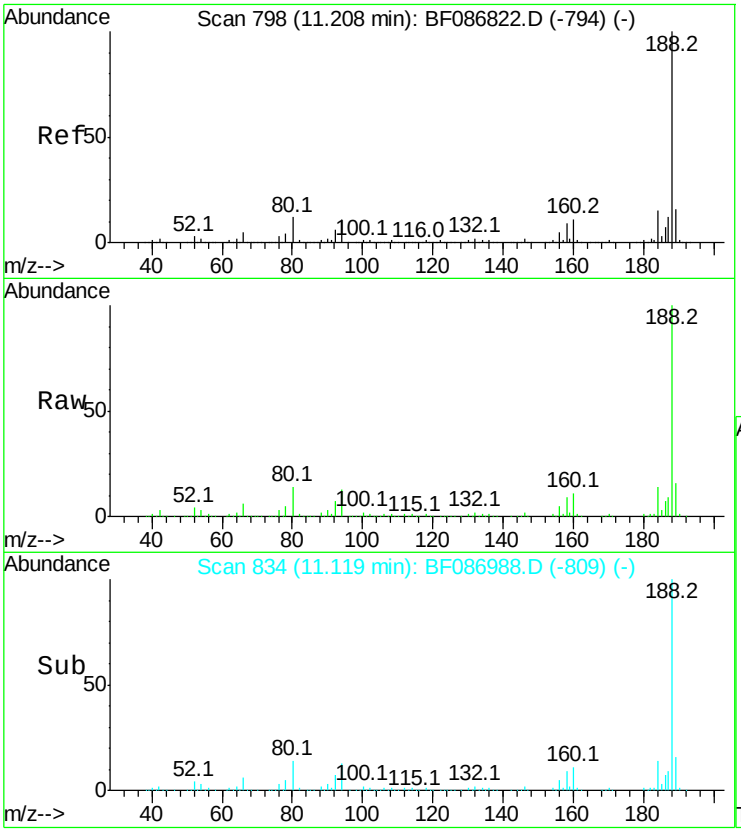


#44
2-Fluorobiphenyl
Concen: 92.92 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Tgt Ion:172 Resp: 1564107

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.9	19.8	29.8



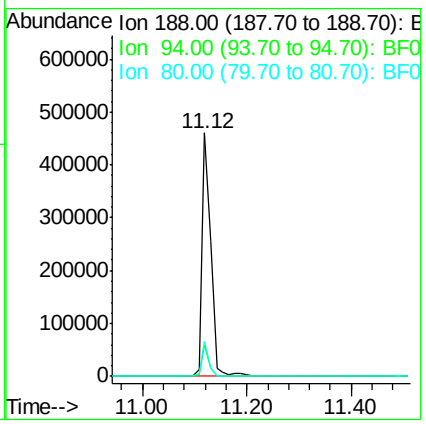


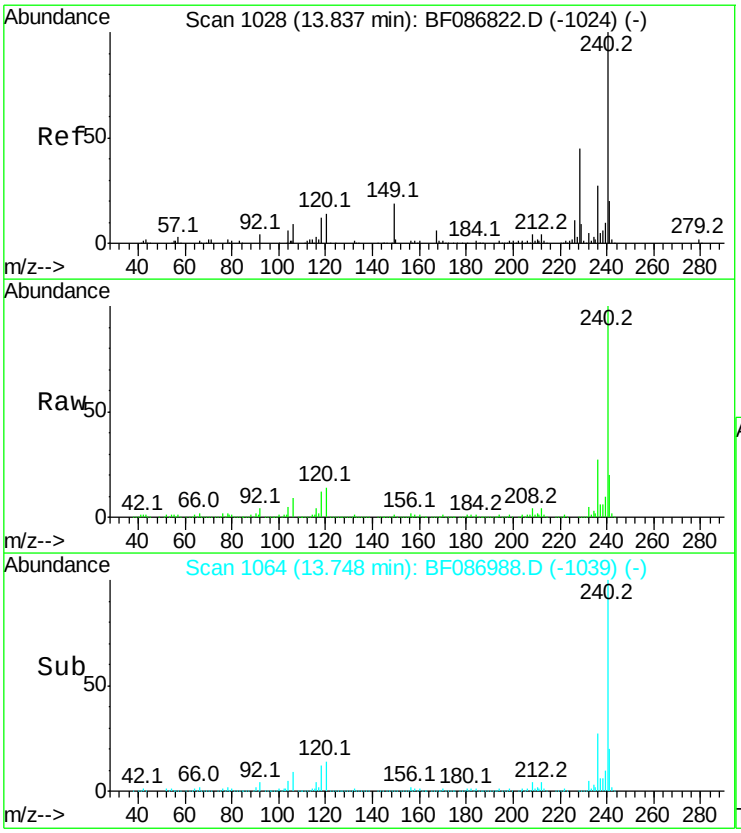
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Instrument :
BNA_F
ClientSampleId :
MW-32

Tgt Ion:188 Resp: 534508

Ion	Ratio	Lower	Upper
188	100		
94	12.9	6.8	10.2#
80	14.2	7.1	10.7#

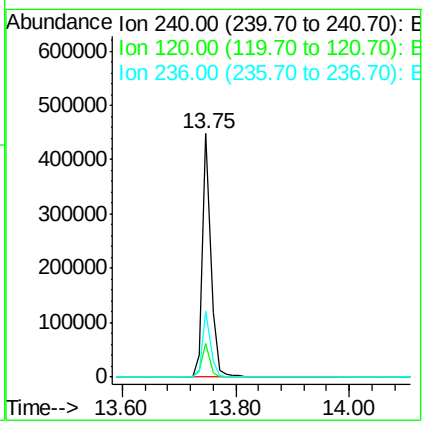


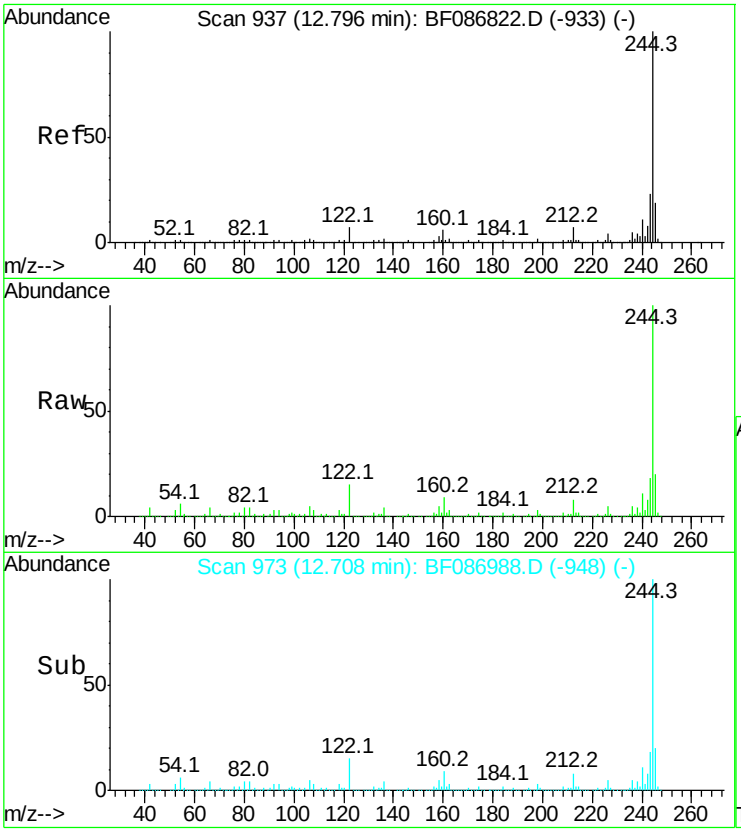


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Tgt Ion:240 Resp: 439239

Ion	Ratio	Lower	Upper
240	100		
120	14.0	11.2	16.8
236	27.0	21.2	31.8



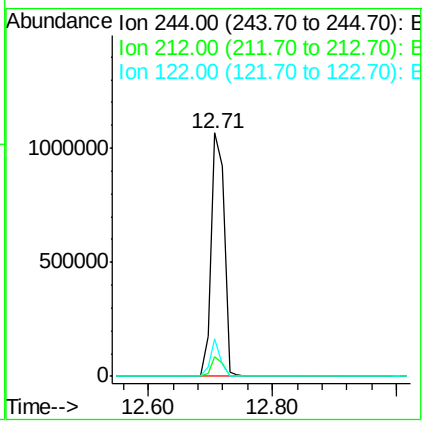


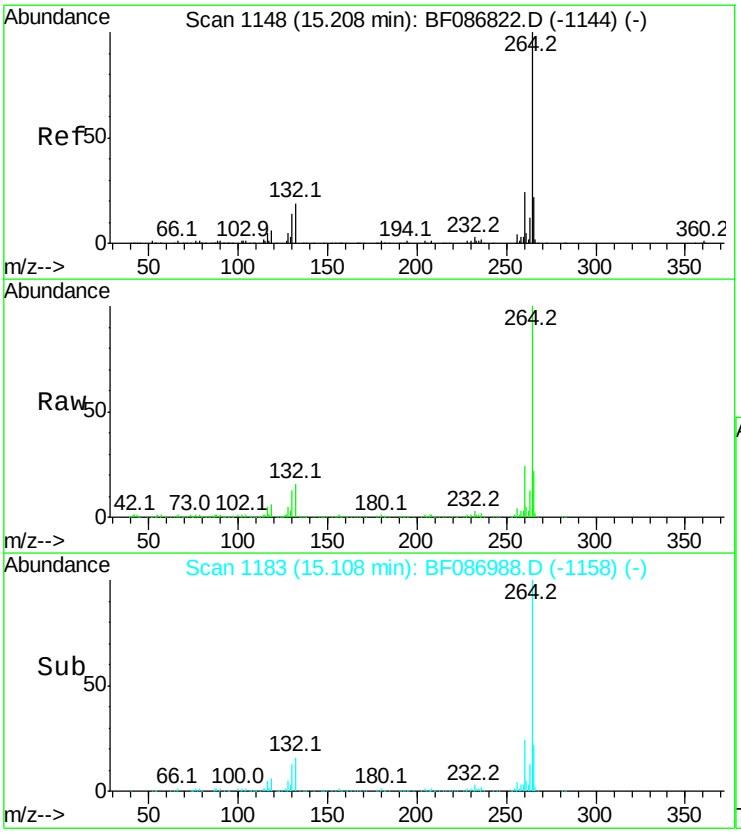
#78
Terphenyl-d14
Concen: 73.49 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Instrument :
BNA_F
ClientSampleId :
MW-32

Tgt Ion:244 Resp: 1521464

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	15.2	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Tgt Ion:264 Resp: 328575

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.3	25.9