Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081719.D
Acq On : 21 Sep 2015 17:51
Operator : UM/IZ
Sample : G3717-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIP-12-9-16-15

Quant Time: Sep 22 02:12:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40973	20.00	ng	-0.06
21) Naphthalene-d8	11.05	136	160296	20.00	ng	-0.07
38) Acenaphthene-d10	15.19	164	73561	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	151209	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	126521	20.00	ng	-0.03
86) Perylene-d12	24.78	264	89128	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	161421	61.12	ng	-0.03
7) Phenol-d6	7.59	99	135887	38.87	ng	-0.06
23) Nitrobenzene-d5	9.46	82	370276	111.45	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	115320	176.06	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	640902	111.65	ng	-0.07
78) Terphenyl-d14	22.07	244	570310	104.93	ng	-0.04
Target Compounds						Qvalue

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

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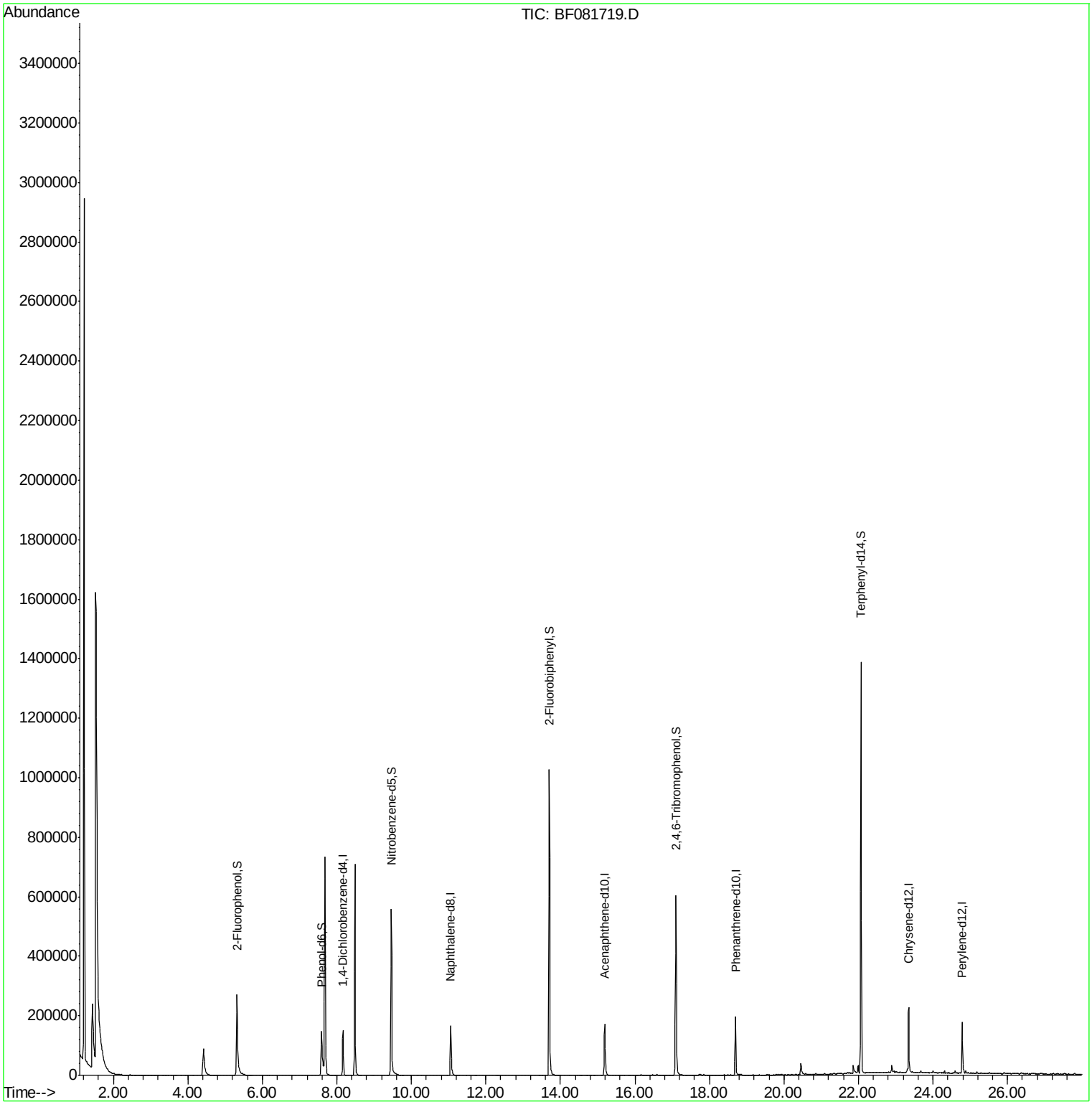
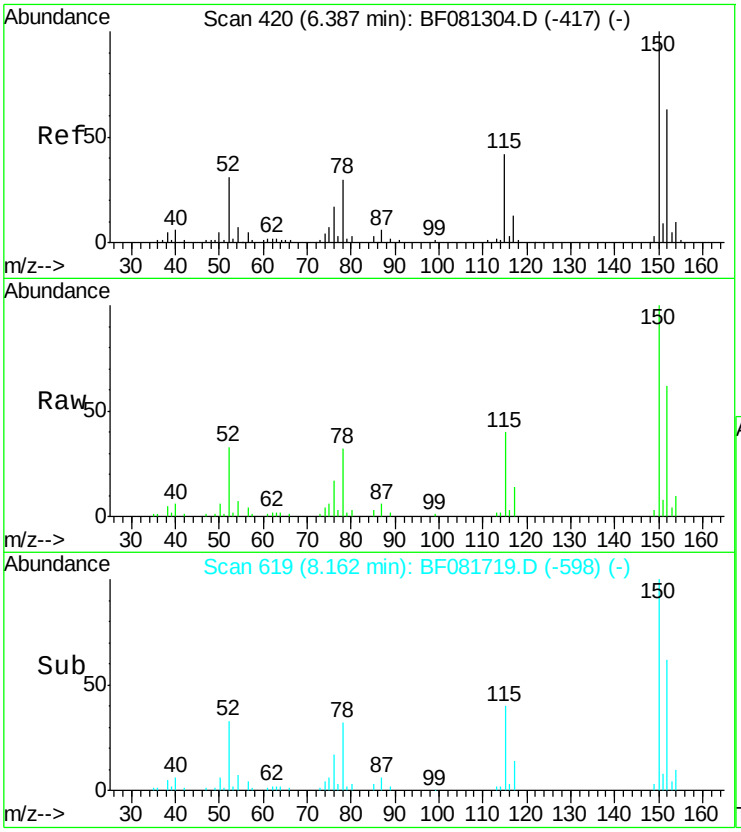


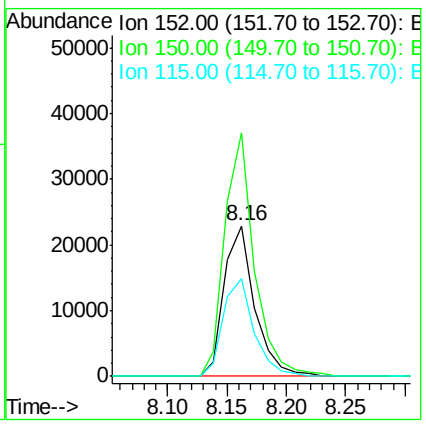


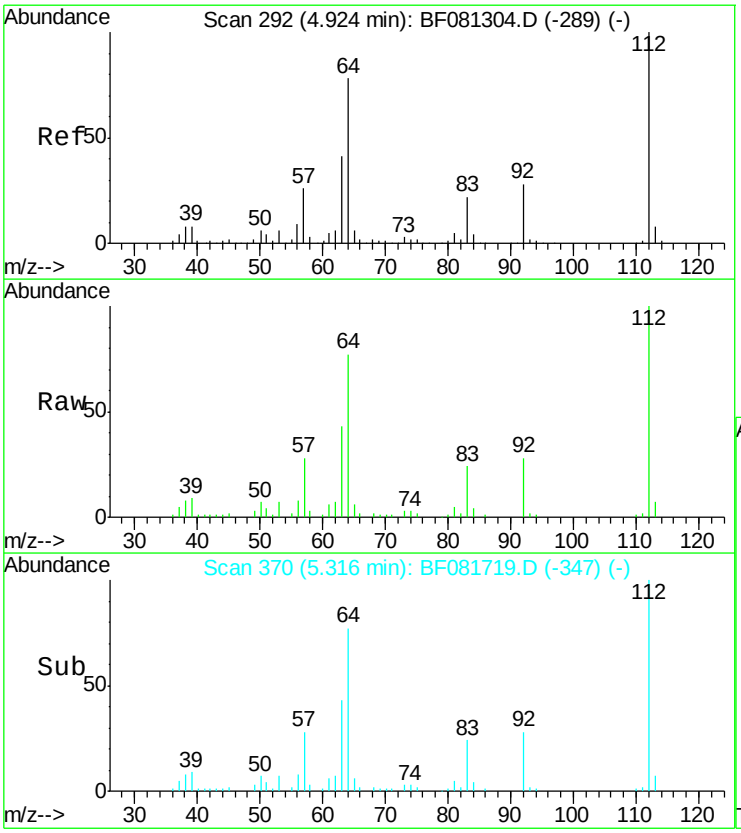
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tgt Ion:152 Resp: 40973

Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.7	187.1
115	65.1	39.0	58.4#

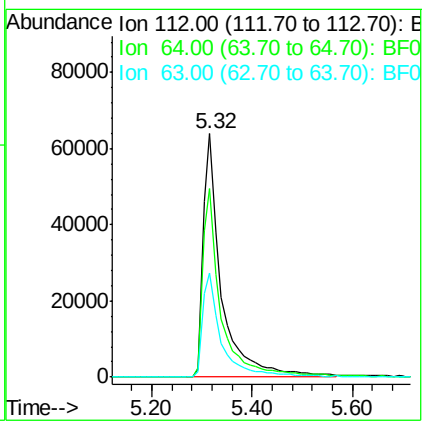


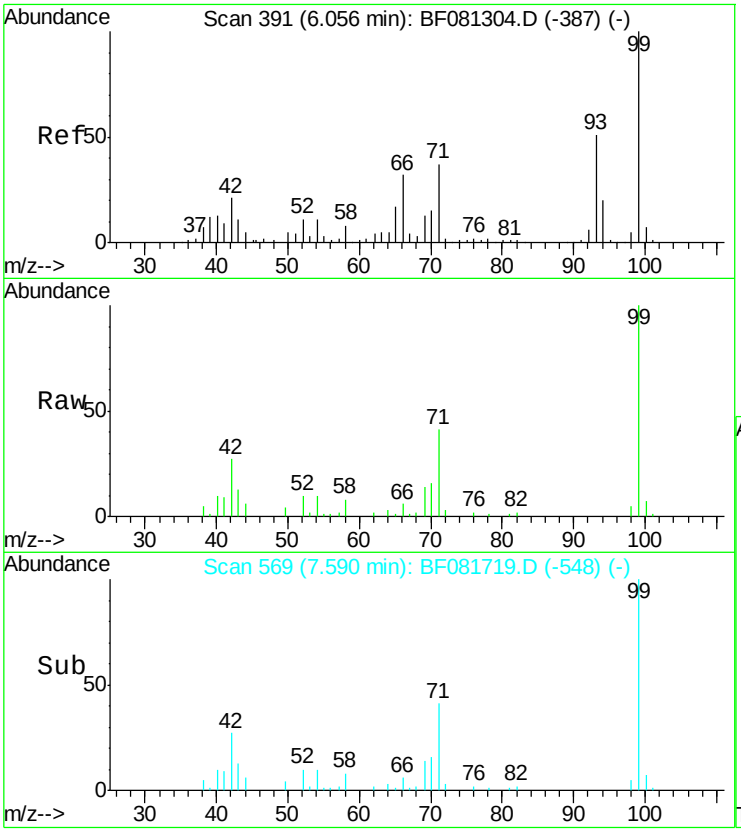


#5
2-Fluorophenol
Concen: 61.12 ng
RT: 5.32 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Tgt Ion:112 Resp: 161421

Ion	Ratio	Lower	Upper
112	100		
64	77.5	39.7	59.5#
63	43.0	17.4	26.0#



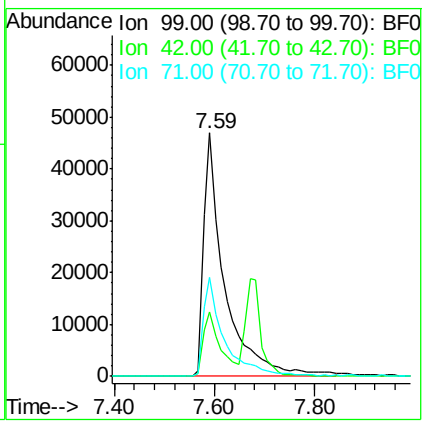


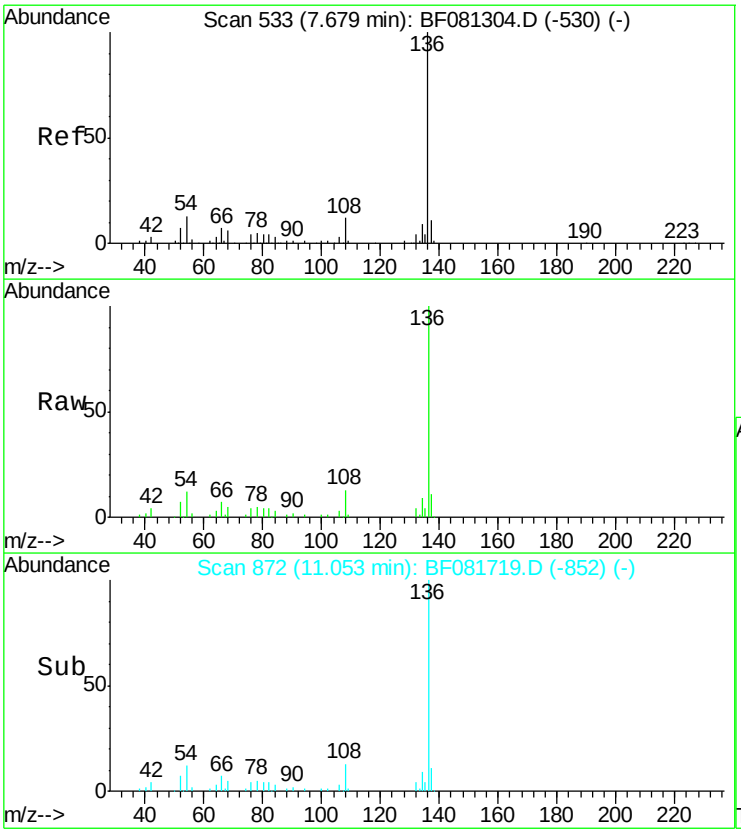
#7
Phenol-d6
Concen: 38.87 ng
RT: 7.59 min Scan# 569
Delta R.T. -0.06 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tgt Ion: 99 Resp: 135887

Ion	Ratio	Lower	Upper
99	100		
42	26.7	13.7	20.5#
71	40.5	14.2	21.2#

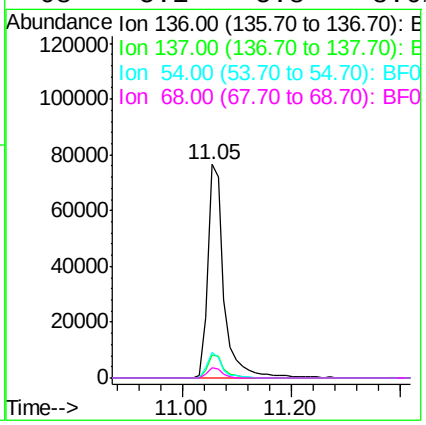


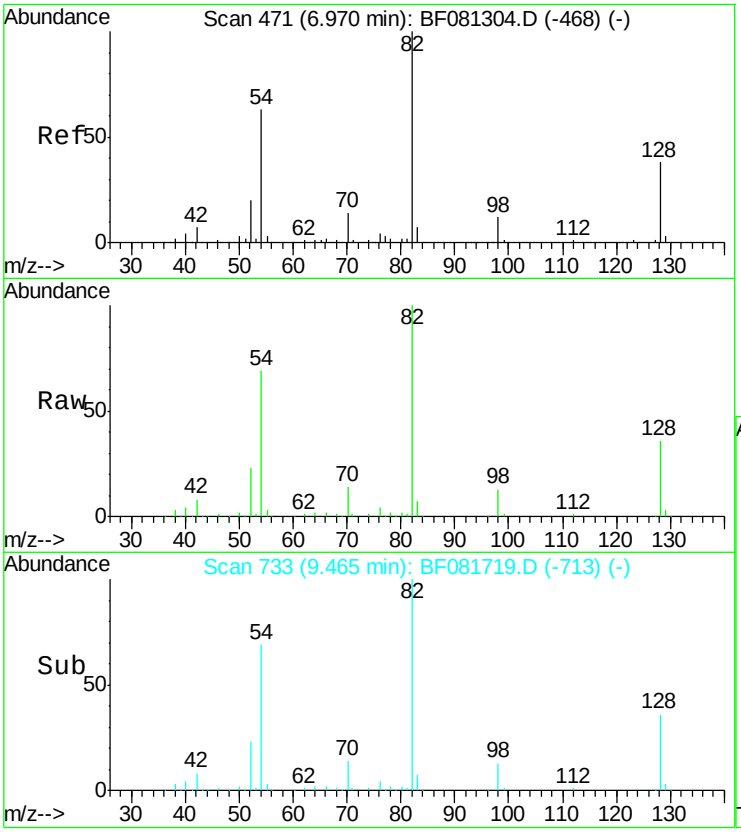


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.07 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Tgt Ion:136 Resp: 160296

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	12.0	8.2	12.2
68	5.1	5.8	8.6#



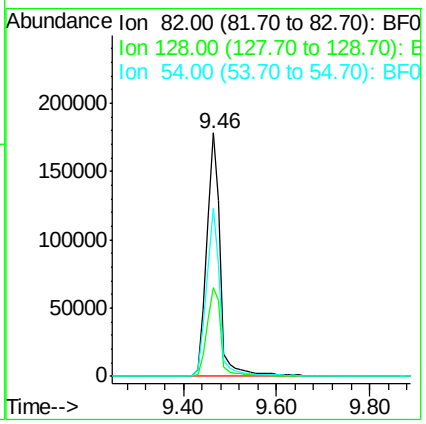


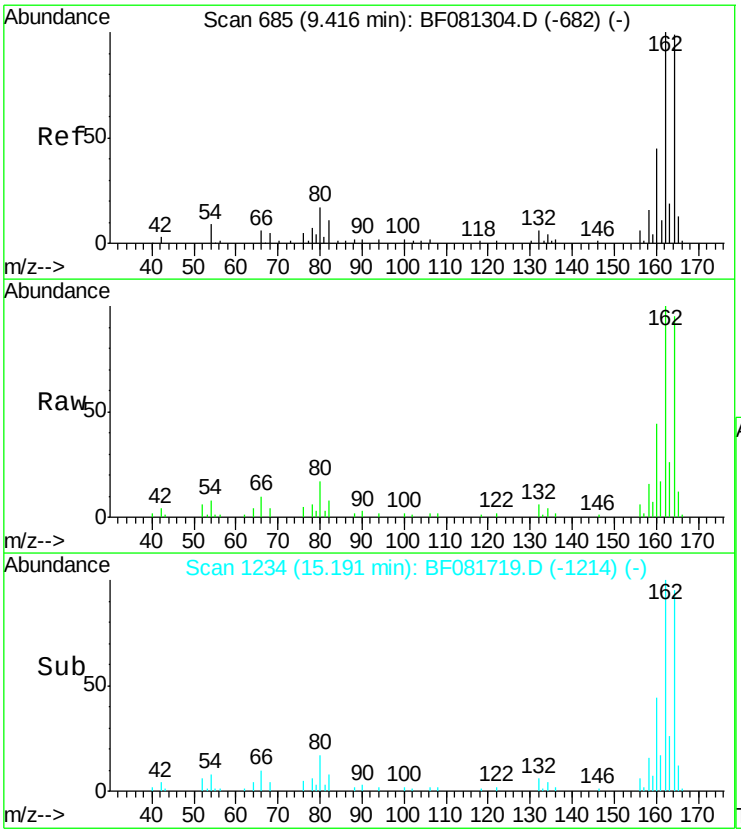
#23
Nitrobenzene-d5
Concen: 111.45 ng
RT: 9.46 min Scan# 733
Delta R.T. -0.07 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tgt Ion: 82 Resp: 370276

Ion	Ratio	Lower	Upper
82	100		
128	36.4	51.0	76.6#
54	69.1	47.5	71.3

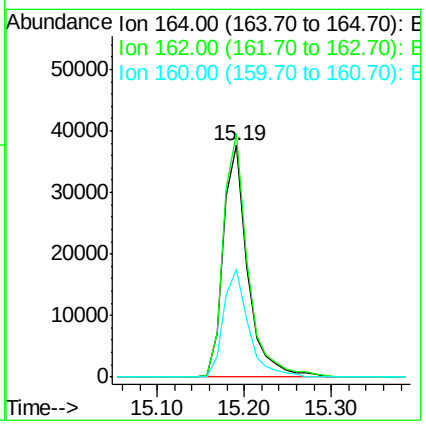


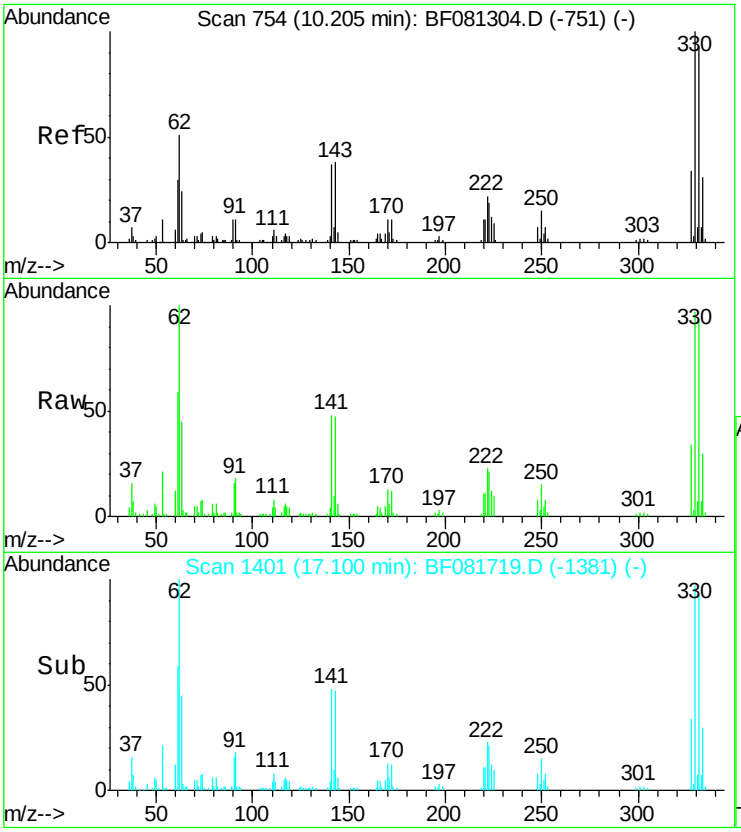


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.19 min Scan# 1234
Delta R.T. -0.07 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Tgt Ion:164 Resp: 73561

Ion	Ratio	Lower	Upper
164	100		
162	104.9	75.2	112.8
160	46.4	31.5	47.3



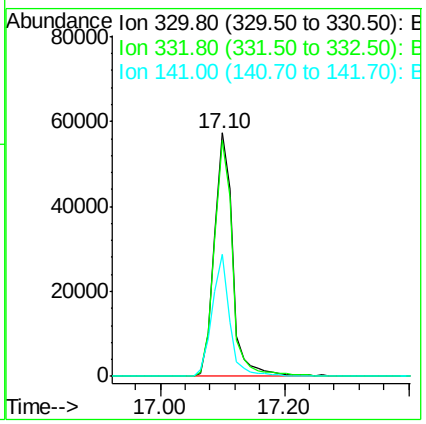


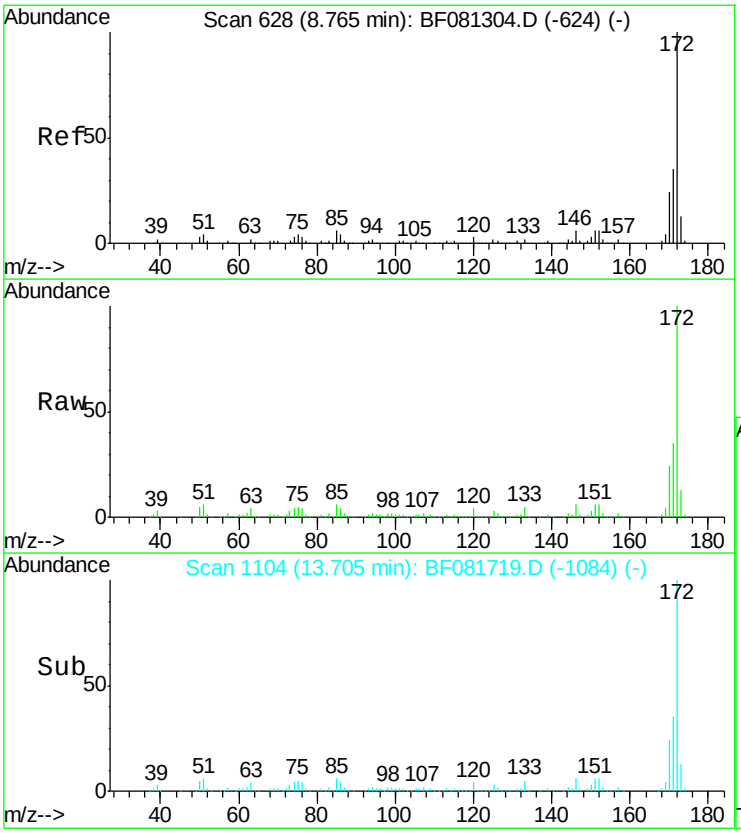
#41
2,4,6-Tribromophenol
Concen: 176.06 ng
RT: 17.10 min Scan# 1401
Delta R.T. -0.07 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tgt Ion:330 Resp: 115320

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	47.7	29.7	44.5#

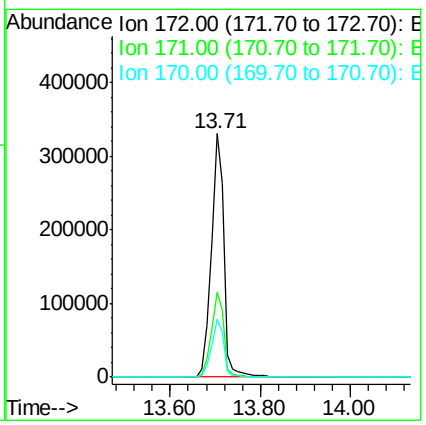


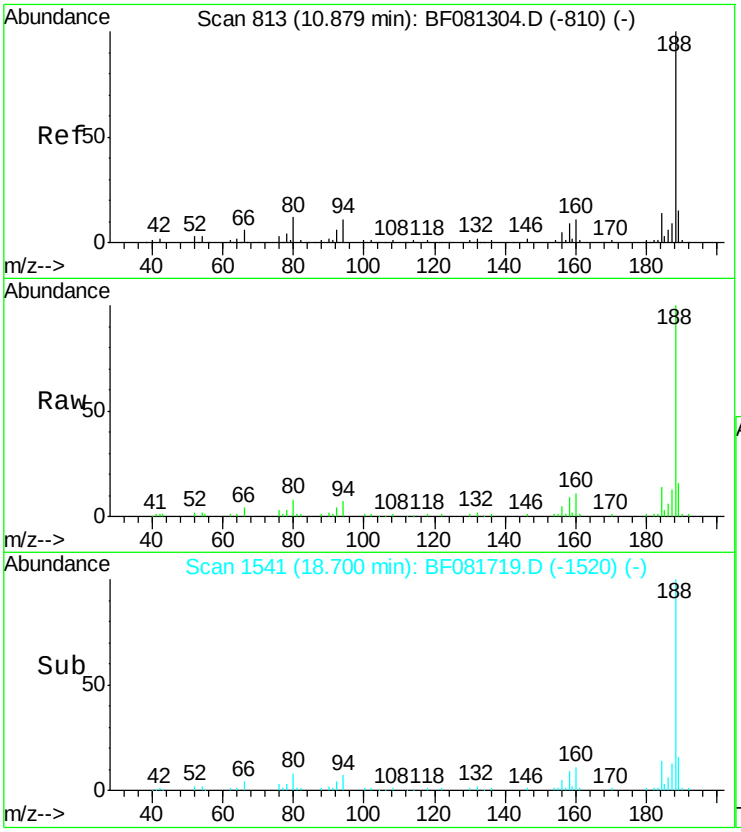


#44
2-Fluorobiphenyl
Concen: 111.65 ng
RT: 13.71 min Scan# 1104
Delta R.T. -0.07 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Tgt Ion:172 Resp: 640902

Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.1	39.1
170	23.8	17.4	26.2



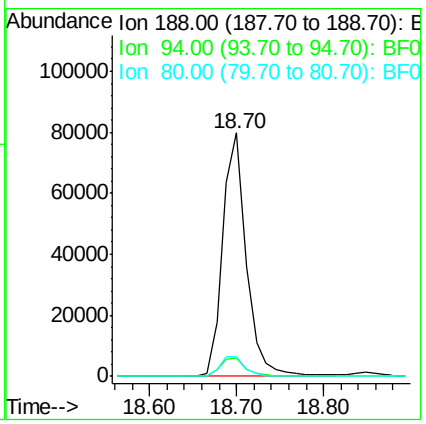


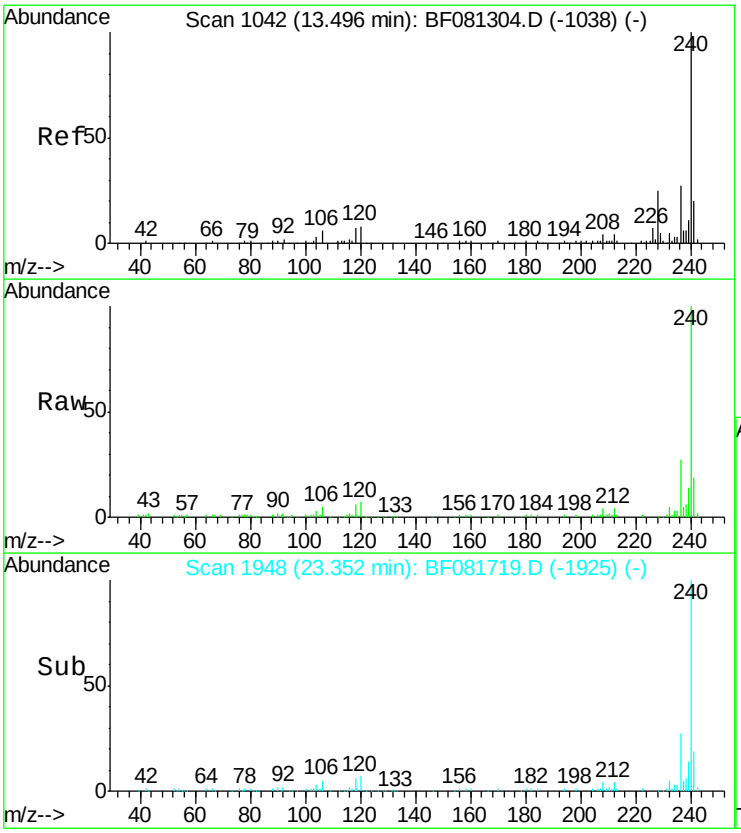
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tgt Ion:188 Resp: 151209

Ion	Ratio	Lower	Upper
188	100		
94	7.3	11.1	16.7#
80	7.9	11.0	16.4#

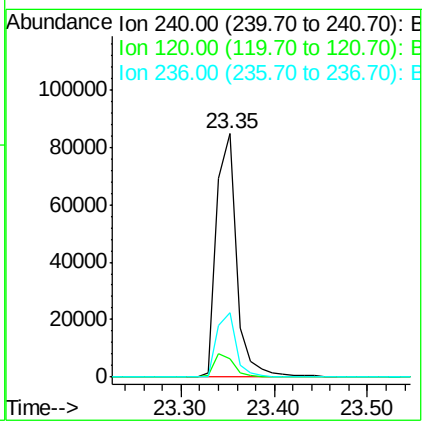


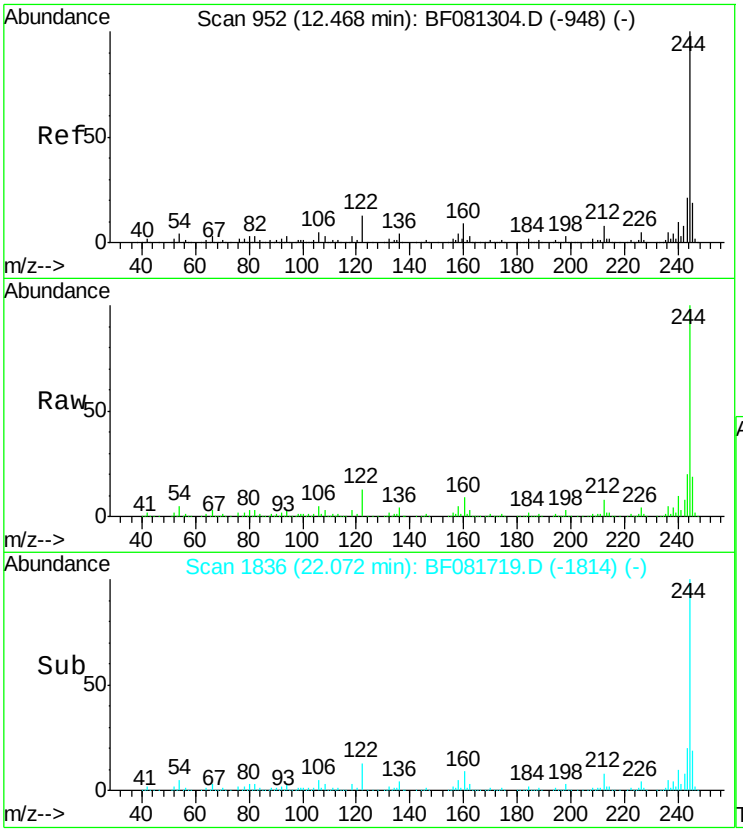


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Tgt Ion:240 Resp: 126521

Ion	Ratio	Lower	Upper
240	100		
120	7.3	16.2	24.2#
236	26.5	18.4	27.6



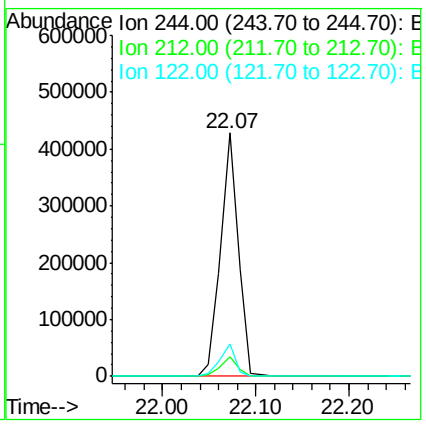


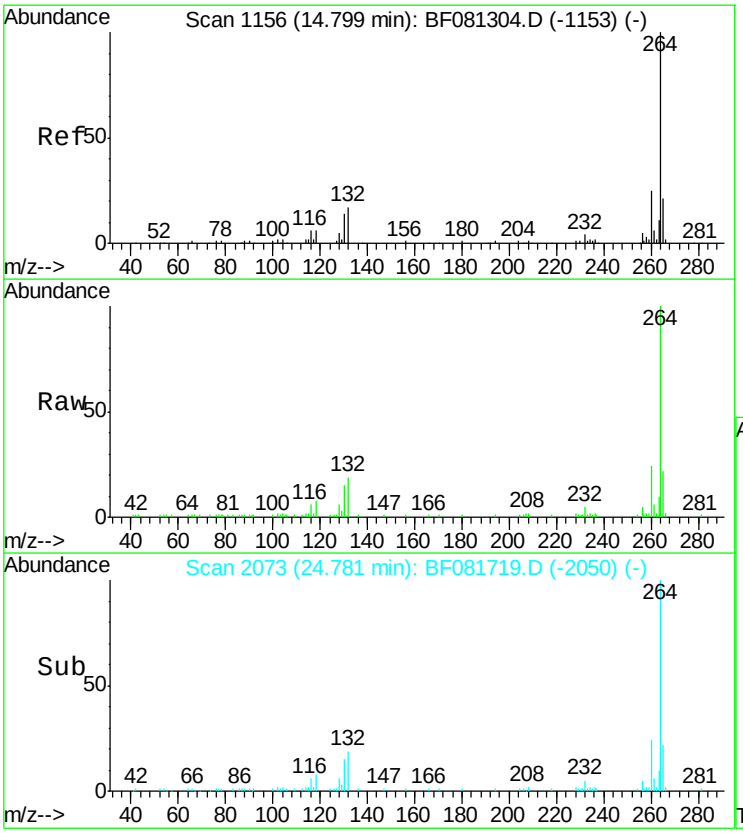
#78
Terphenyl-d14
Concen: 104.93 ng
RT: 22.07 min Scan# 1836
Delta R.T. -0.04 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tgt Ion:244 Resp: 570310

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	13.1	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Tgt Ion:264 Resp: 89128

Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	21.9	17.2	25.8