Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084572.D
Acq On : 20 Jan 2016 18:45
Operator : SJ/UM
Sample : H1159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SULFURCAKE

Quant Time: Jan 20 22:44:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	218876	20.00	ng	-0.05
21) Naphthalene-d8	8.06	136	947695	20.00	ng	-0.06
38) Acenaphthene-d10	9.82	164	451489	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	860044	20.00	ng	-0.05
75) Chrysene-d12	13.94	240	721602	20.00	ng	-0.06
86) Perylene-d12	15.36	264	546240	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1718175	126.97	ng	-0.03
7) Phenol-d6	6.43	99	1871483	110.12	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1274060	74.82	ng	-0.06
41) 2,4,6-Tribromophenol	10.61	330	575726	126.31	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	2562182	101.02	ng	-0.05
78) Terphenyl-d14	12.90	244	2279014	70.50	ng	-0.05
Target Compounds						Qvalue
31) Naphthalene	8.09	128	356461	8.29	ng	98
37) 2-Methylnaphthalene	8.77	142	66739	2.16	ng	97
51) Acenaphthene	9.85	154	69818	2.50	ng	97
70) Phenanthrene	11.32	178	102961	2.29	ng	96

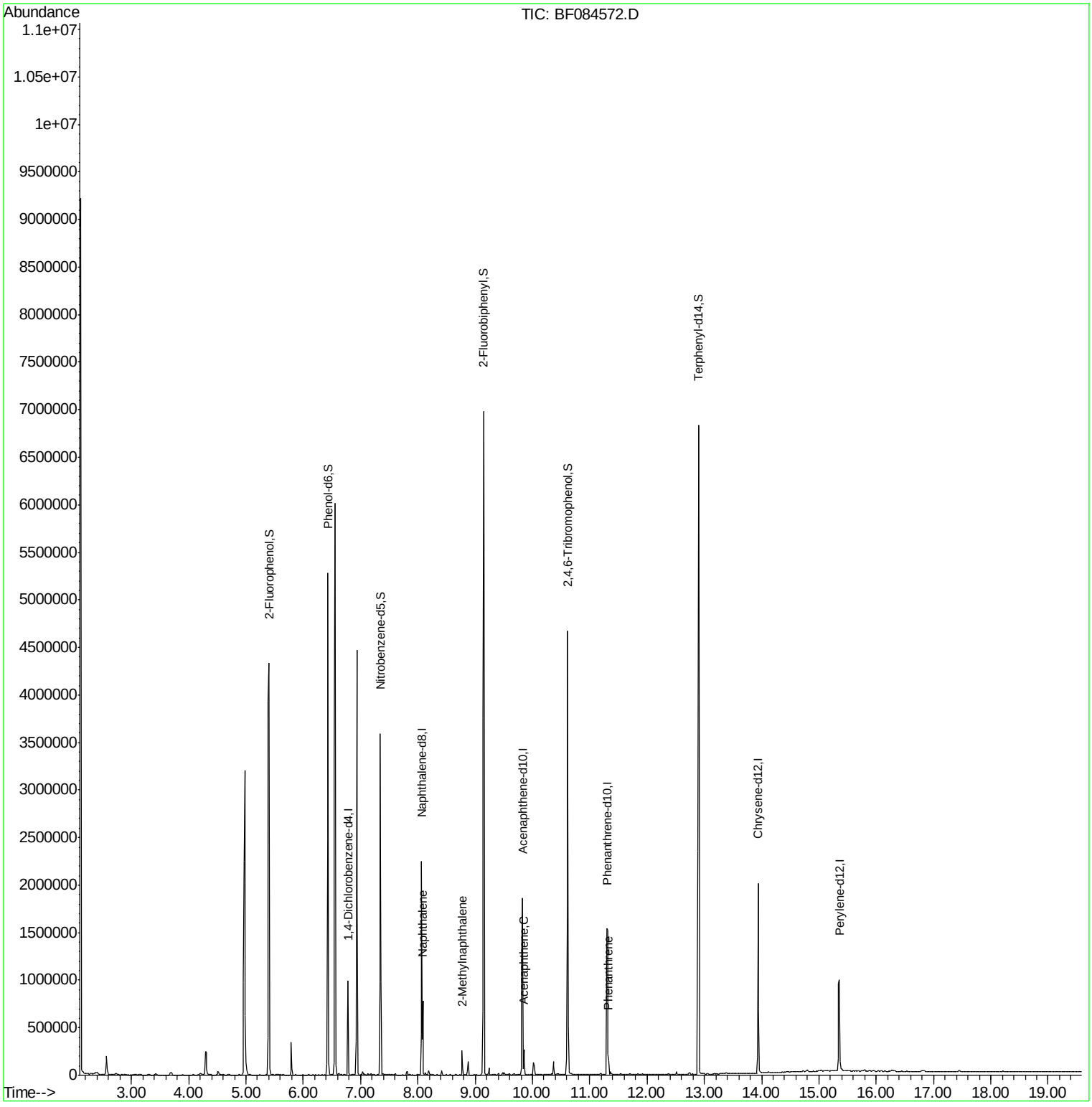
(#) = qualifier out of range (m) = manual integration (+) = signals summed

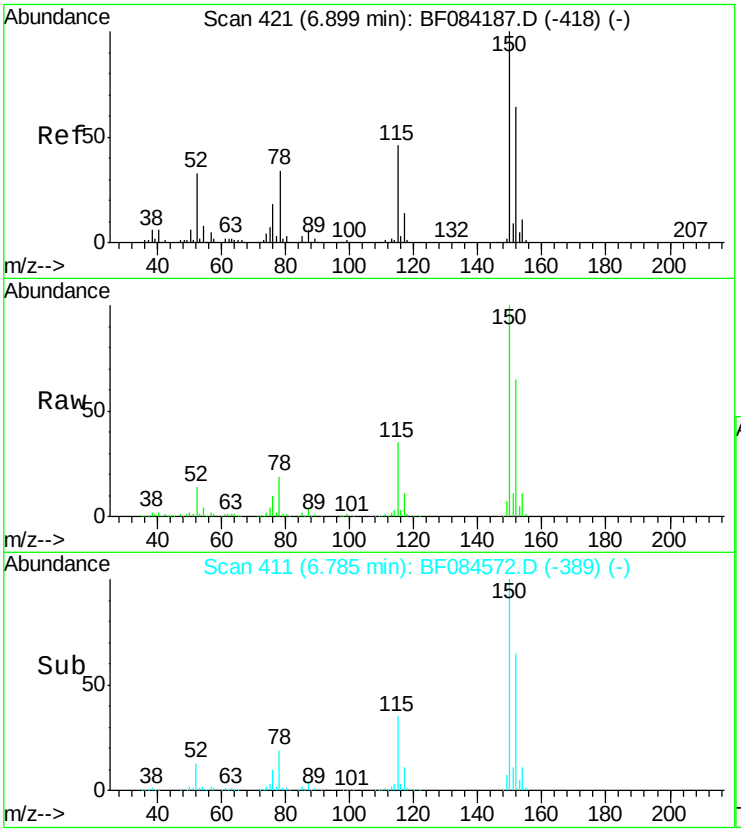
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084572.D
Acq On : 20 Jan 2016 18:45
Operator : SJ/UM
Sample : H1159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Quant Time: Jan 20 22:44:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



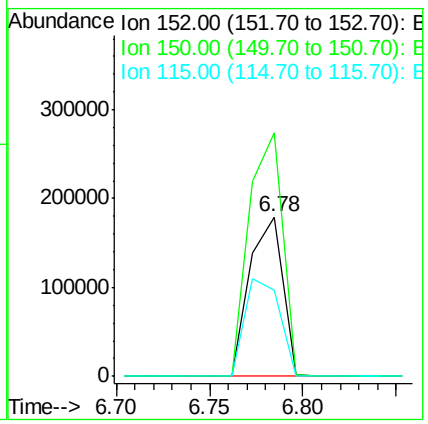


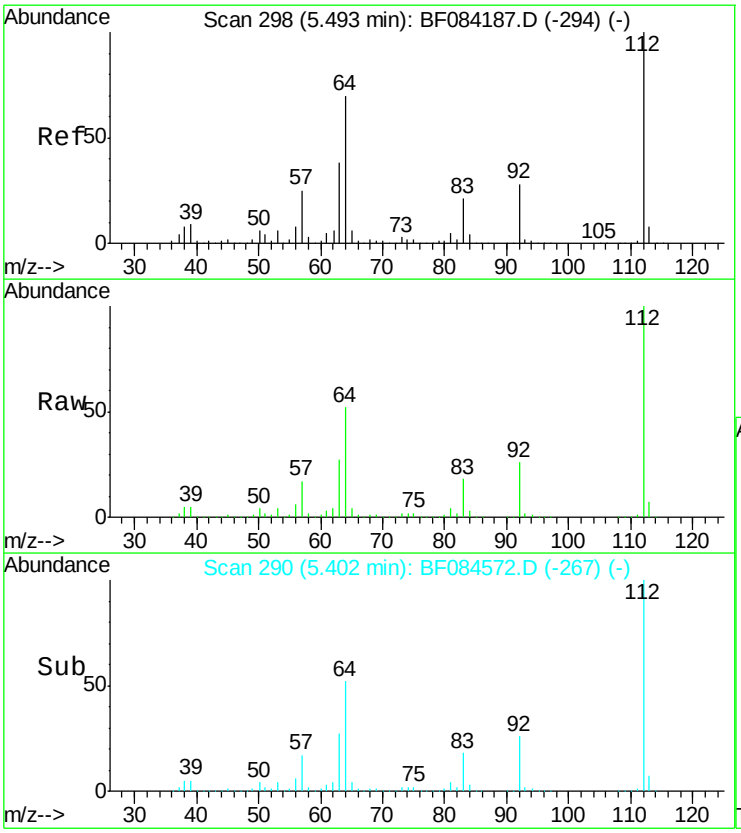
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.05 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Tgt Ion:152 Resp: 218876

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.0	184.4
115	53.9	51.4	77.2

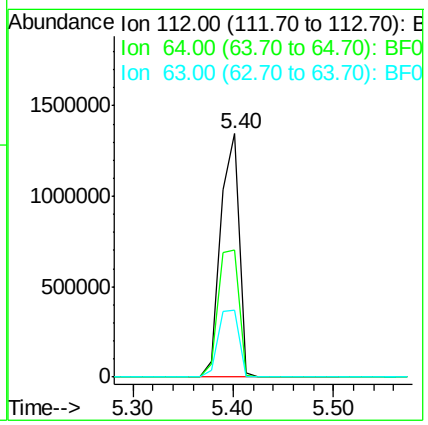


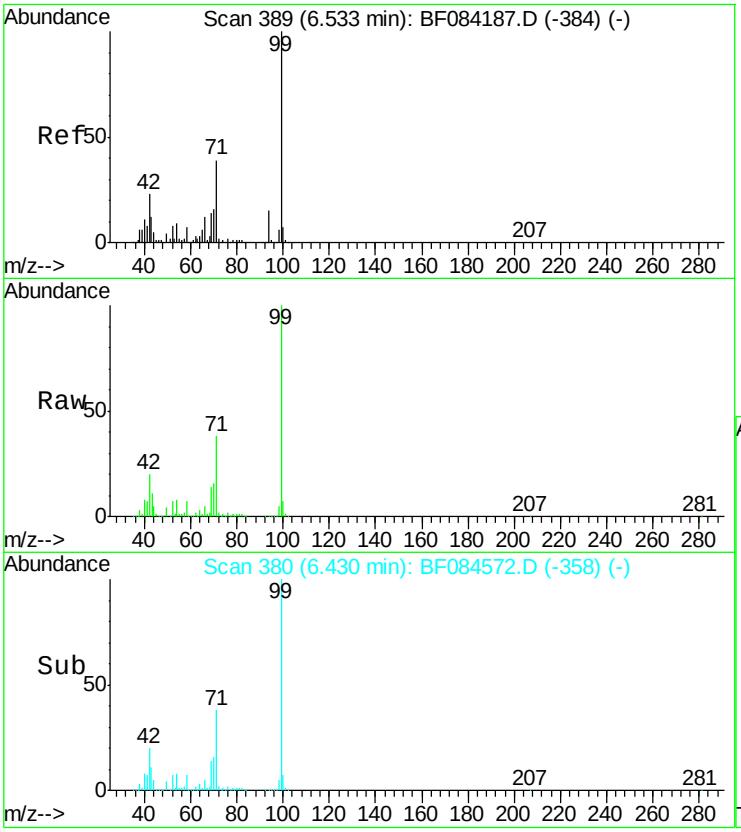


#5
2-Fluorophenol
Concen: 126.97 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion:112 Resp: 1718175

Ion	Ratio	Lower	Upper
112	100		
64	52.4	36.6	55.0
63	27.4	19.4	29.0



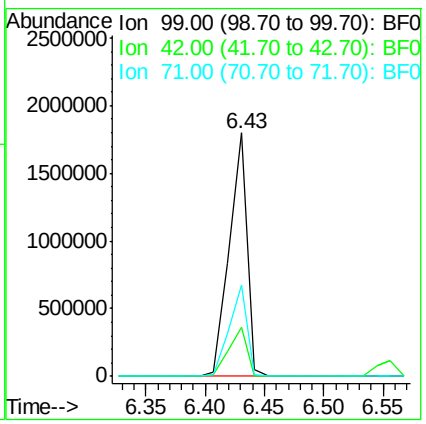


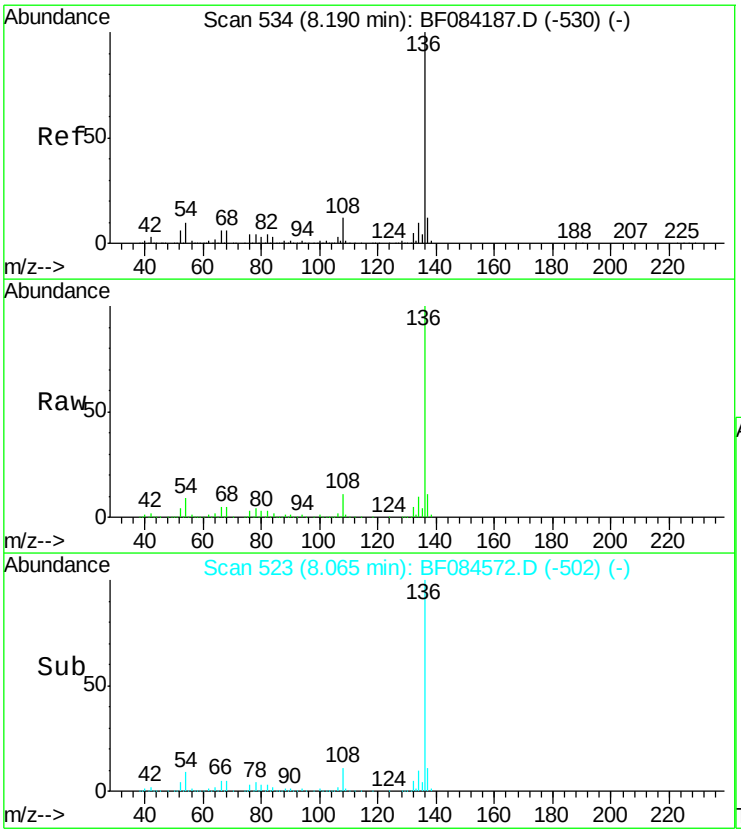
#7
Phenol-d6
Concen: 110.12 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.05 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Tgt Ion: 99 Resp: 1871483

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.8	19.2#
71	37.5	30.9	46.3

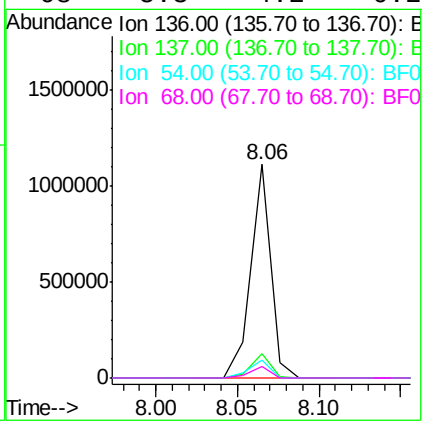


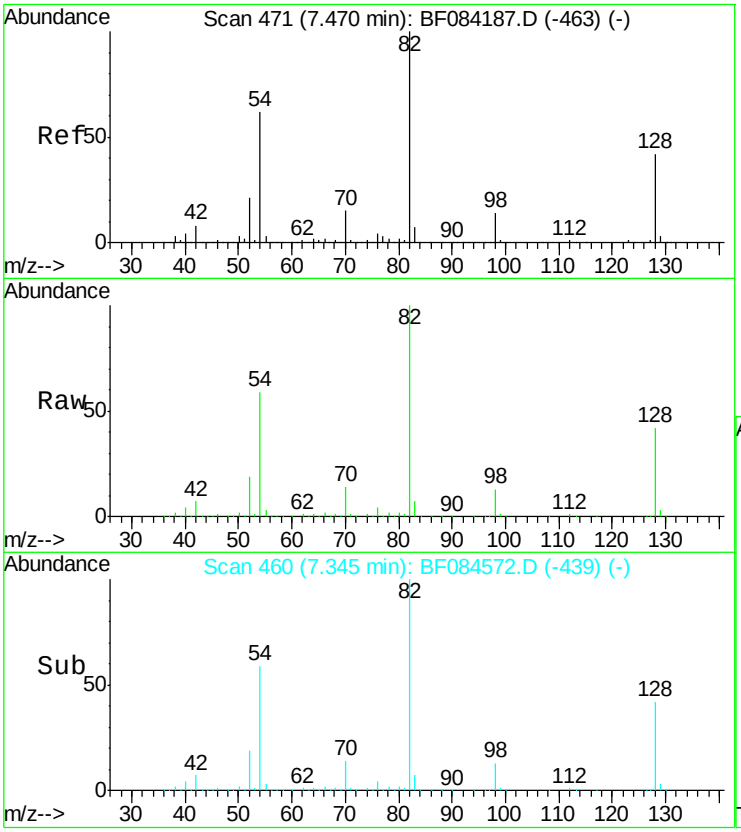


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion:136 Resp: 947695

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.7	5.8	8.8
68	5.3	4.2	6.2



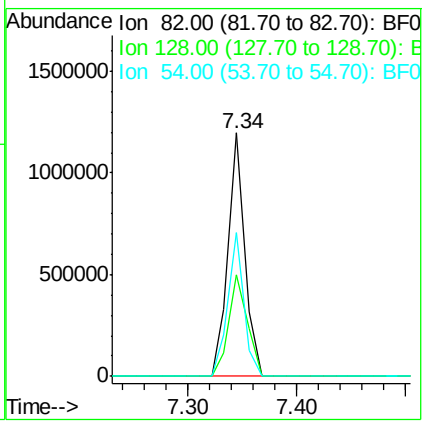


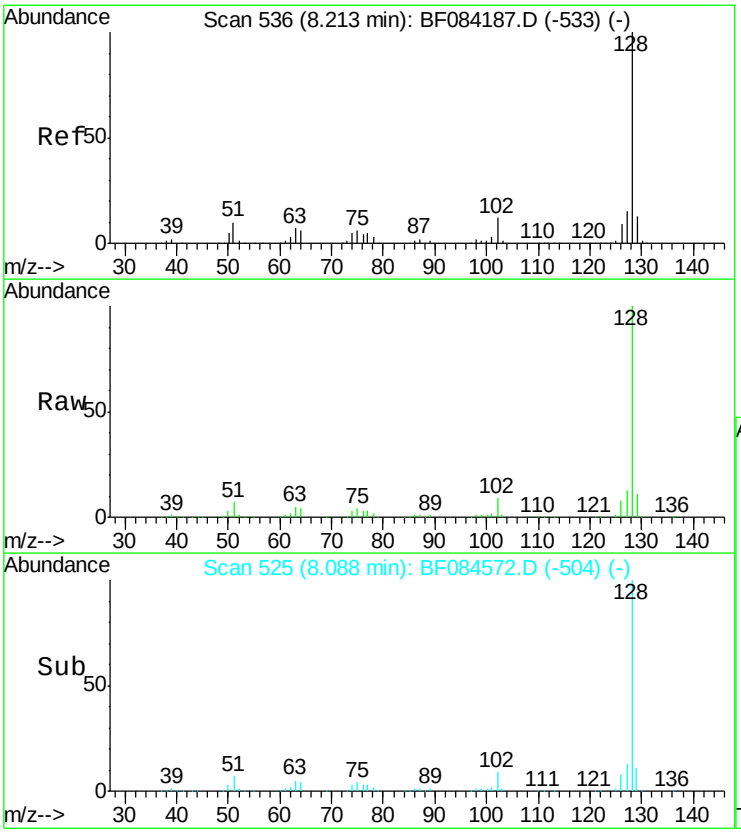
#23
Nitrobenzene-d5
Concen: 74.82 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Tgt Ion: 82 Resp: 1274060

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	51.8
54	59.0	38.4	57.6#

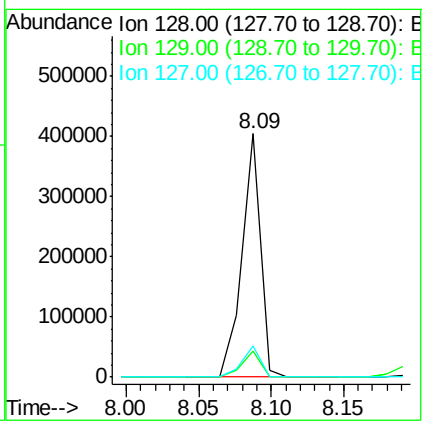


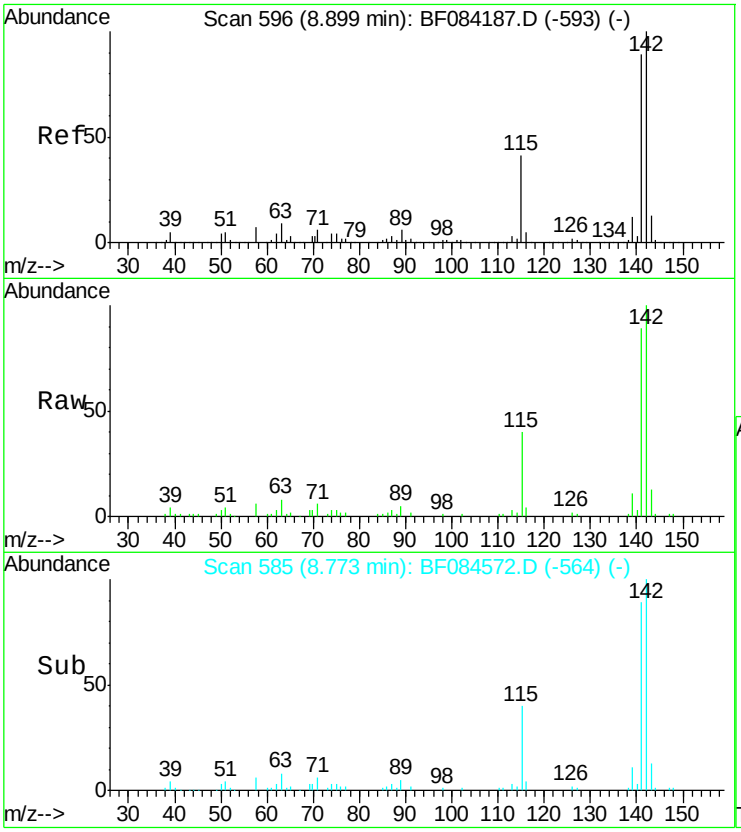


#31
Naphthalene
Concen: 8.29 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion:128 Resp: 356461

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	12.7	11.1	16.7



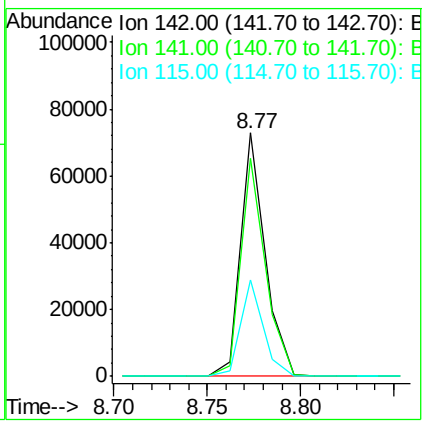


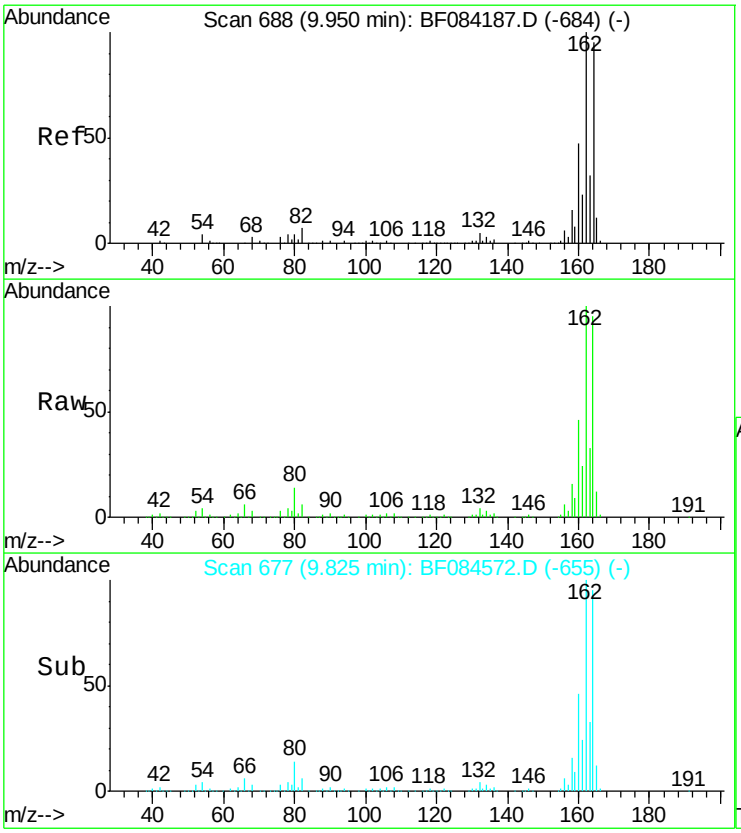
#37
2-Methylnaphthalene
Concen: 2.16 ng
RT: 8.77 min Scan# 585
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Tgt Ion:142 Resp: 66739

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.4	108.6
115	39.8	27.9	41.9

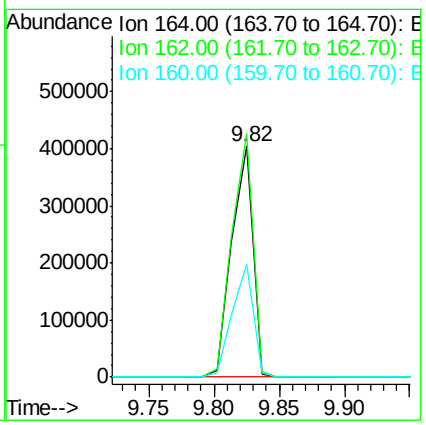


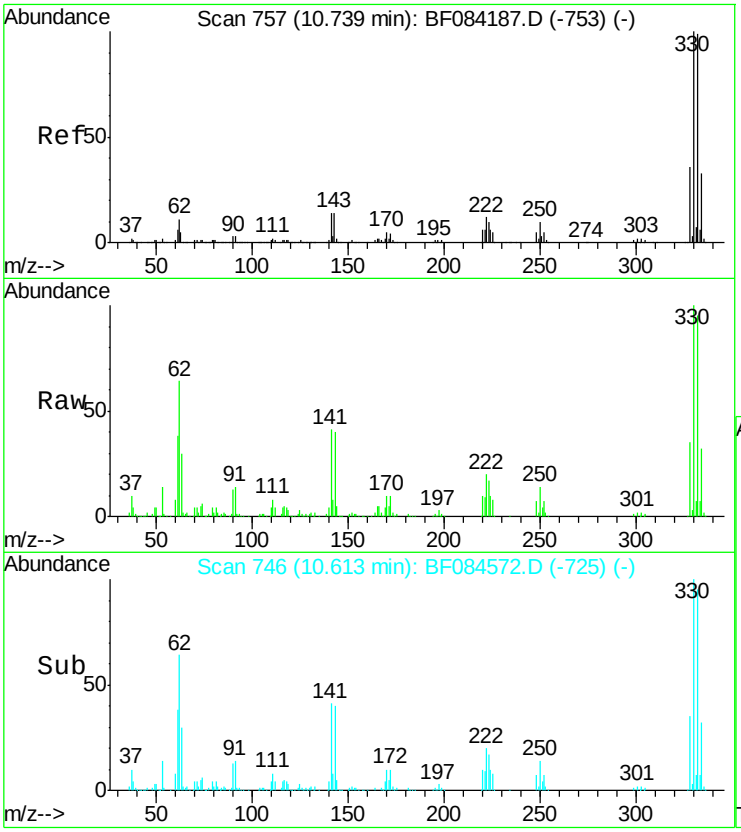


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion:164 Resp: 451489

Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.1	127.7
160	49.1	37.5	56.3

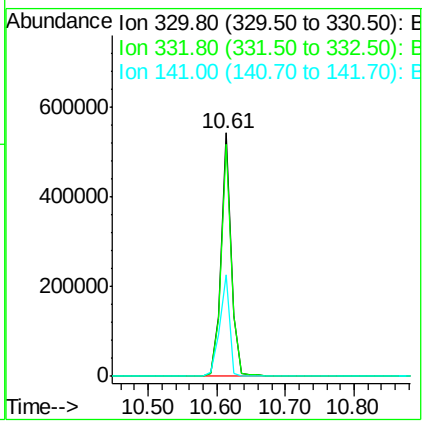




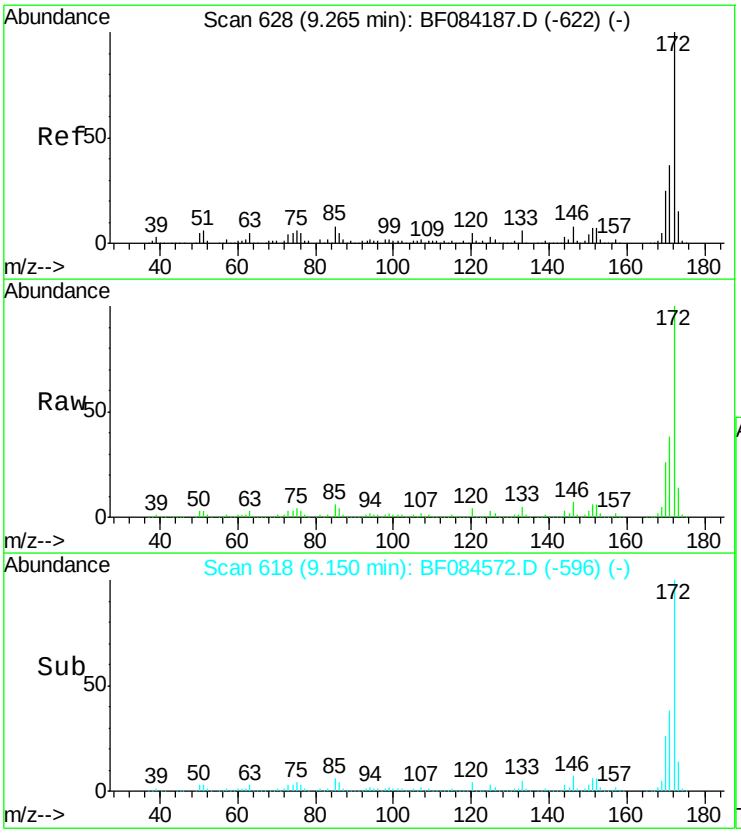
#41
2,4,6-Tribromophenol
Concen: 126.31 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion:330 Resp: 575726

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	40.3	27.8	41.6



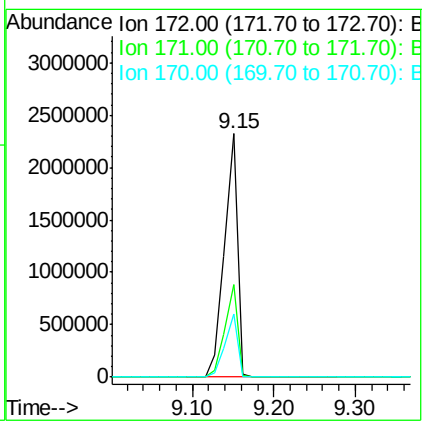
Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

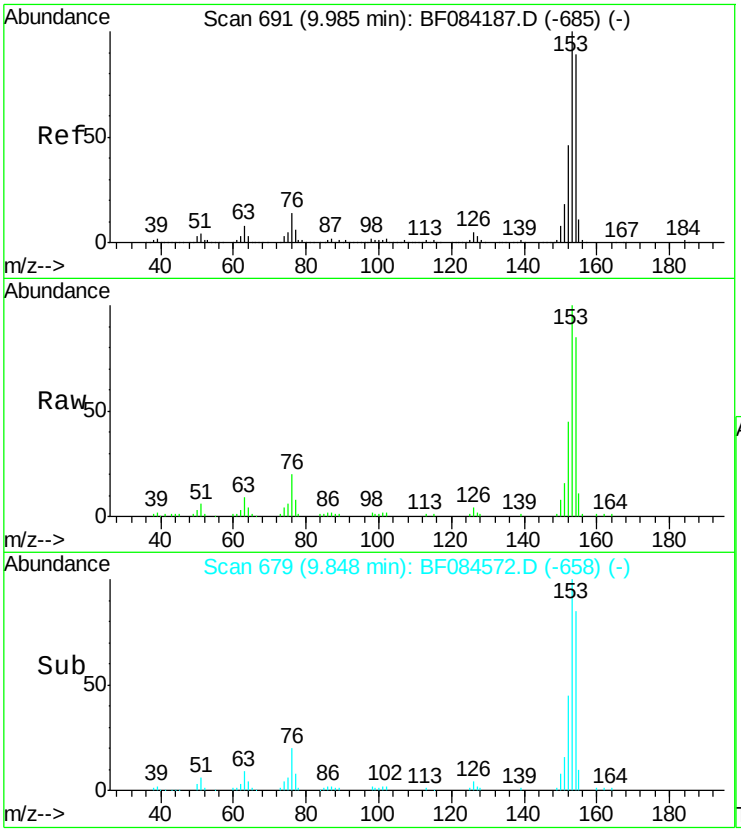


#44
2-Fluorobiphenyl
Concen: 101.02 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.05 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion:172 Resp: 2562182

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.9	43.3
170	25.8	18.6	27.8



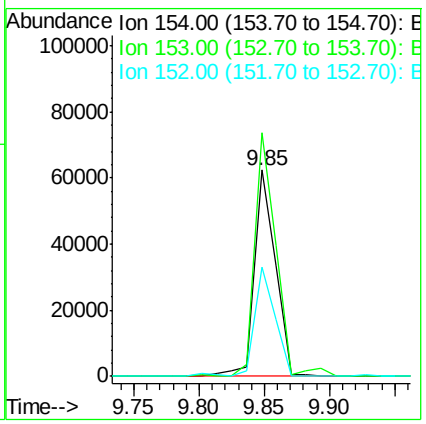


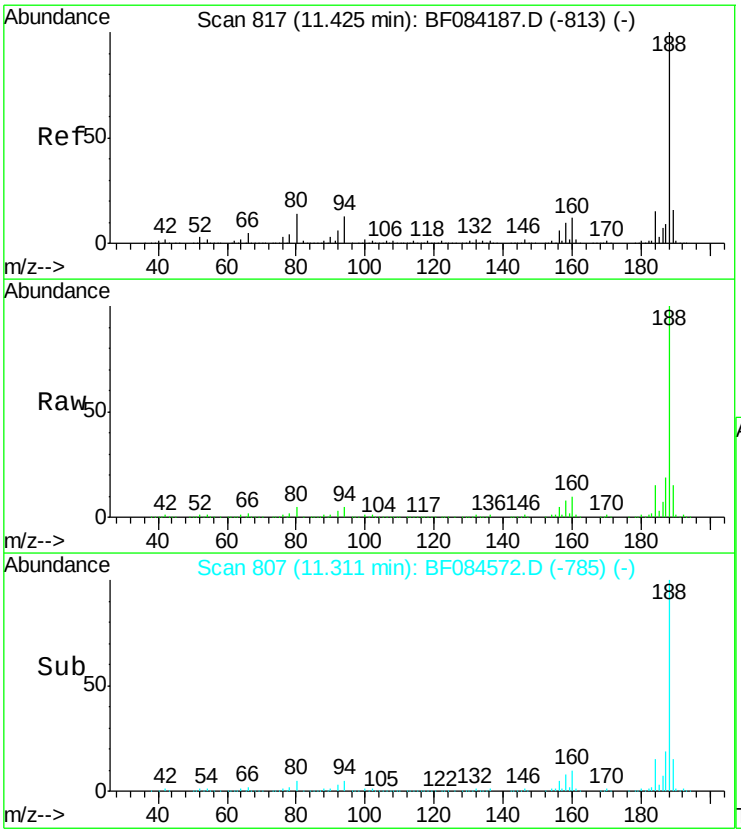
#51
Acenaphthene
Concen: 2.50 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Tgt Ion:154 Resp: 69818

Ion	Ratio	Lower	Upper
154	100		
153	118.1	91.5	137.3
152	52.8	43.0	64.6

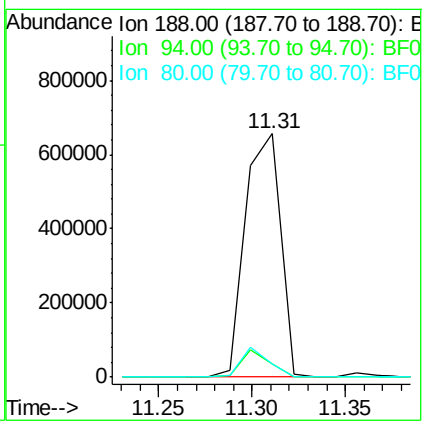


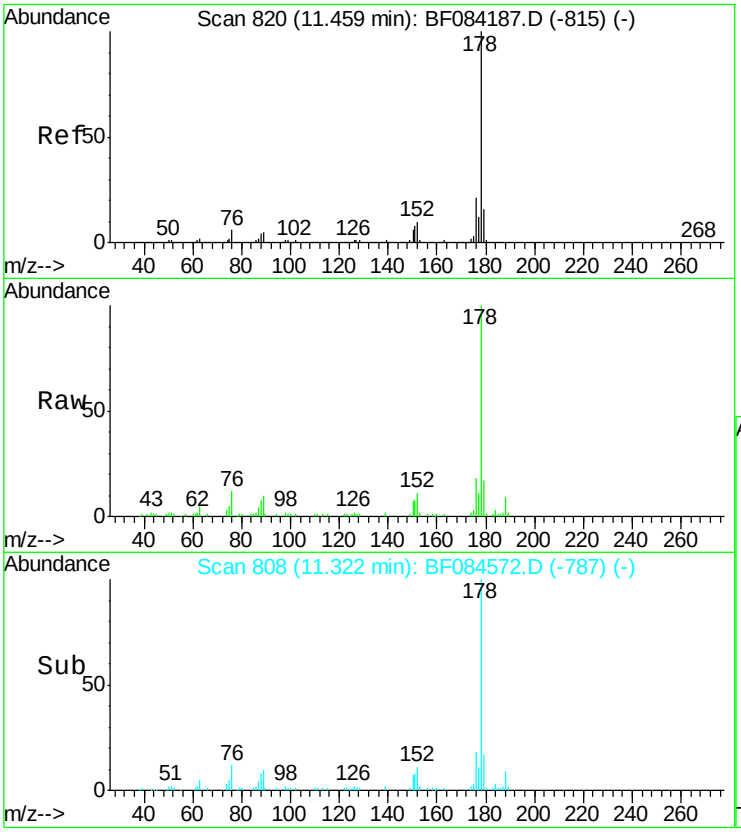


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion:188 Resp: 860044

Ion	Ratio	Lower	Upper
188	100		
94	5.3	9.0	13.4#
80	5.3	9.6	14.4#



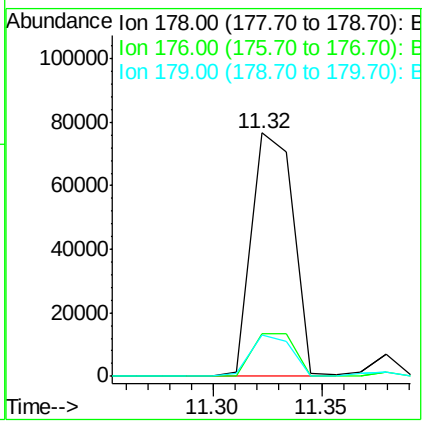


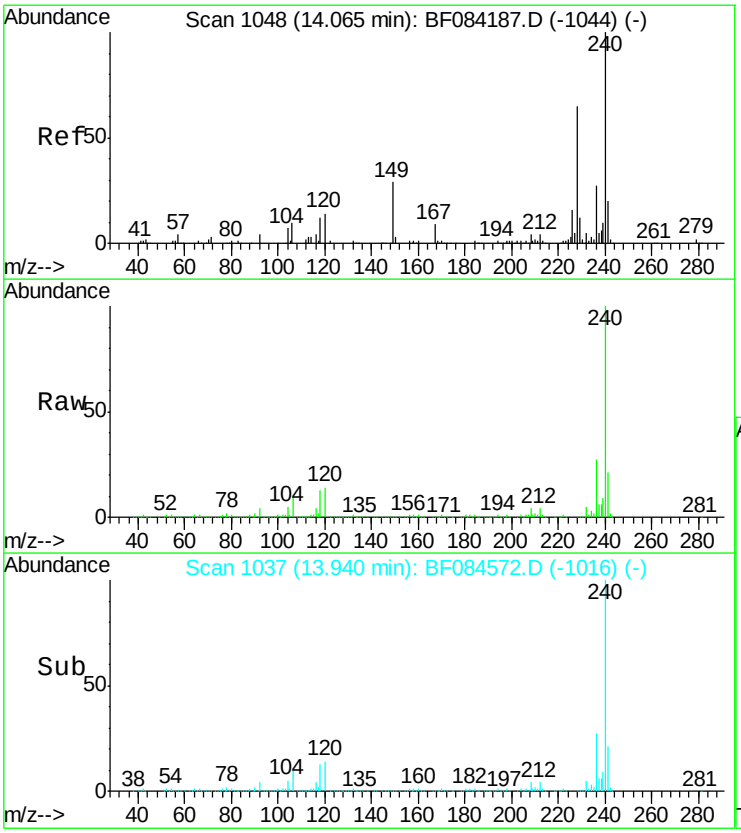
#70
Phenanthrene
Concen: 2.29 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Tgt Ion:178 Resp: 102961

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.3	22.9
179	16.8	12.0	18.0

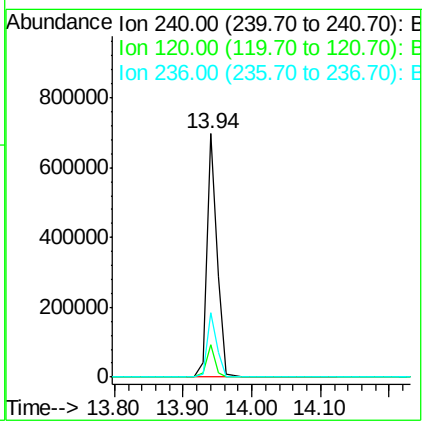


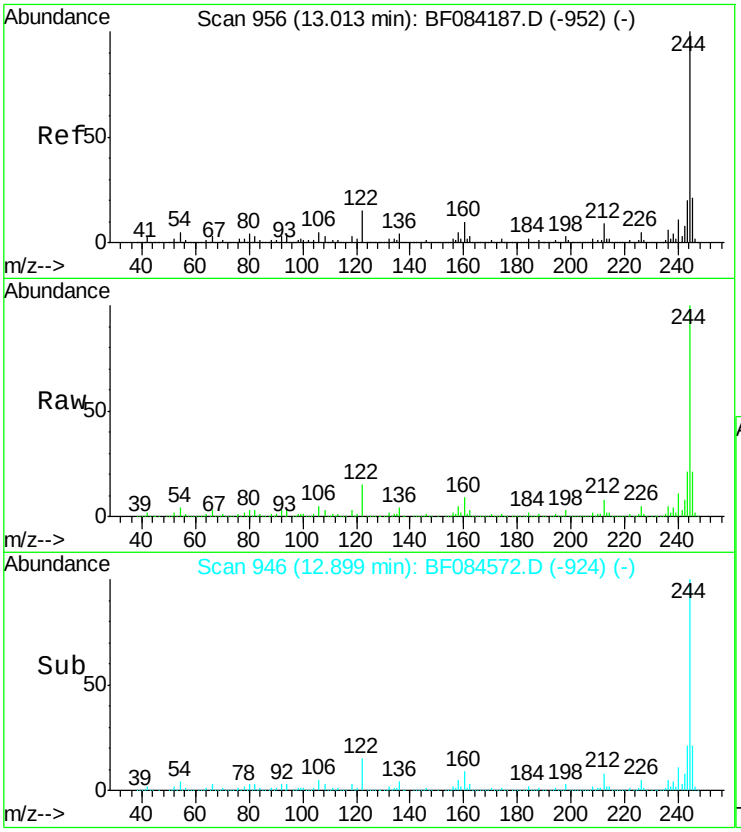


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion:240 Resp: 721602

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	26.6	20.6	31.0



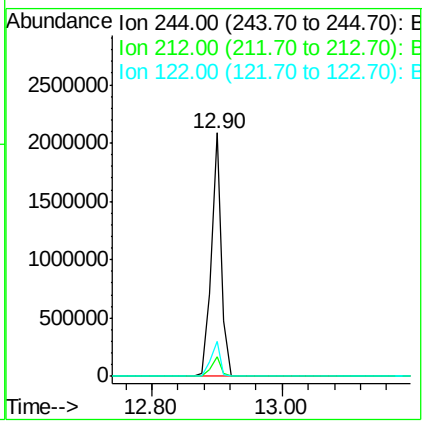


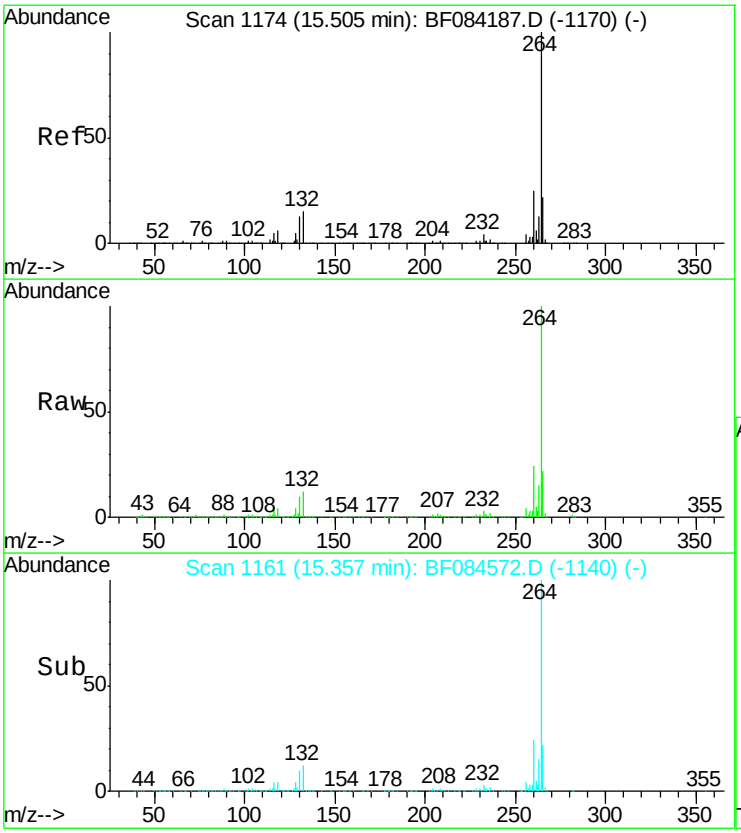
#78
Terphenyl-d14
Concen: 70.50 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Tgt Ion:244 Resp: 2279014

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.6	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion:264 Resp: 546240

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.8	17.8	26.6