Quantitation Report (Not 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 22:09:36 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
19) n-Nitroso-di-n-propylamine	7.34	70	178242	15.49	ng	#	72
25) Isophorone	7.34	82	1043403	32.04	ng	#	66
31) Naphthalene	8.09	128	356461	8.29	ng		98
32) Benzoic acid	7.82	122	210	6.27	ng	#	61
33) 4-Chloroaniline	8.09	127	44727	2.27	ng	#	31
37) 2-Methylnaphthalene	8.77	142	66739	2.16	ng		97
50) 2,6-Dinitrotoluene	9.82	165	58791	8.30	ng	#	37
51) Acenaphthene	9.85	154	69818	2.50	ng		97
54) Dibenzofuran	10.02	168	66836	Below Cal			91
55) 4-Nitrophenol	10.02	139	26112	4.10	ng	#	12
56) 2,4-Dinitrotoluene	9.82	165	58793	6.56	ng	#	21
57) Fluorene	10.36	166	50686	Below Cal			97
64) 4,6-Dinitro-2-methylphenol	10.61	198	1351	6.61	ng	#	1
66) 4-Bromophenyl-phenylether	10.61	248	37066	4.00	ng	#	1
70) Phenanthrene	11.32	178	102961	2.29	ng		96
73) Di-n-butylphthalate	11.88	149	3586	Below Cal		#	90

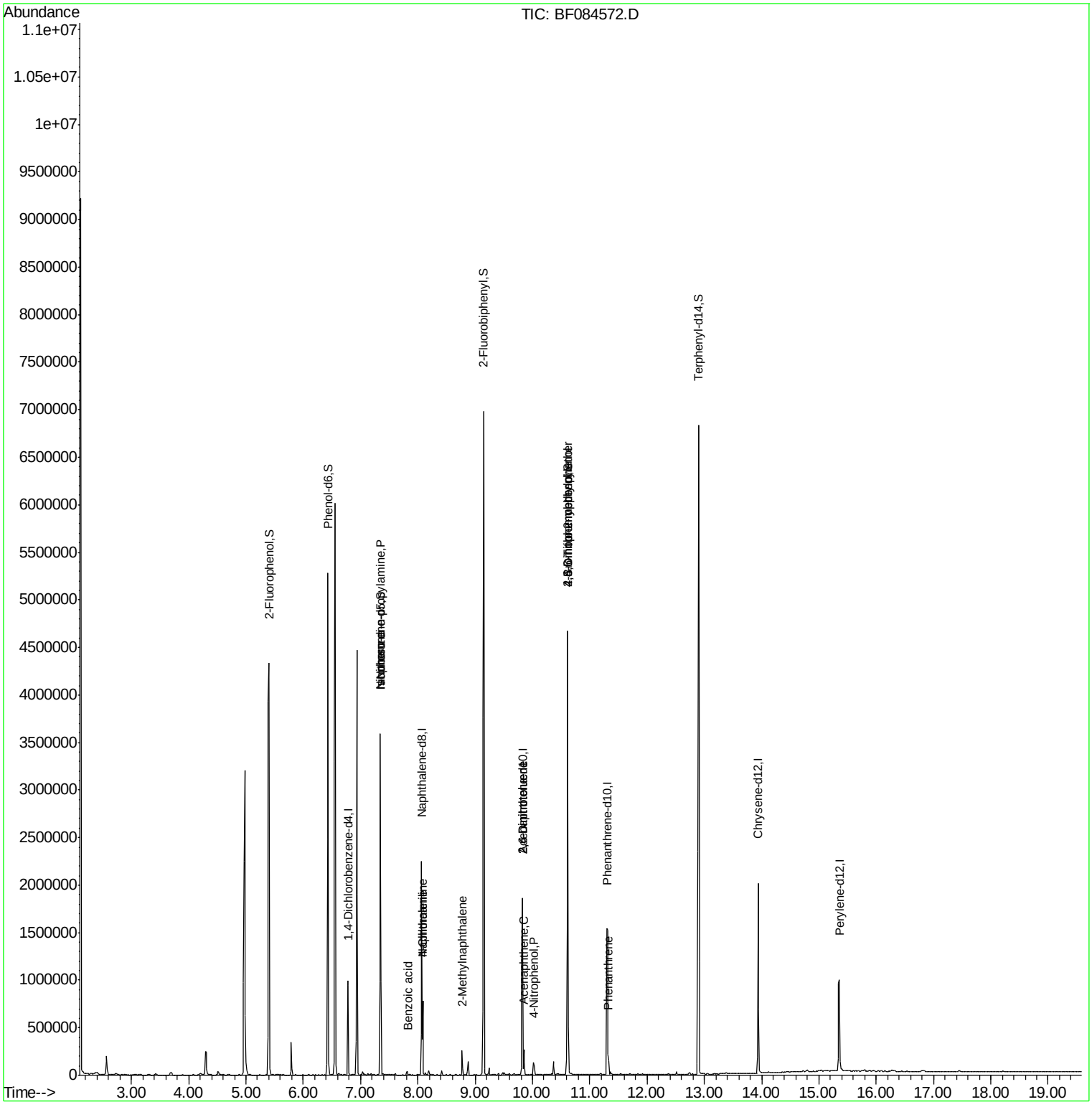
(#) = qualifier out of range (m) = manual integration (+) = signals summed

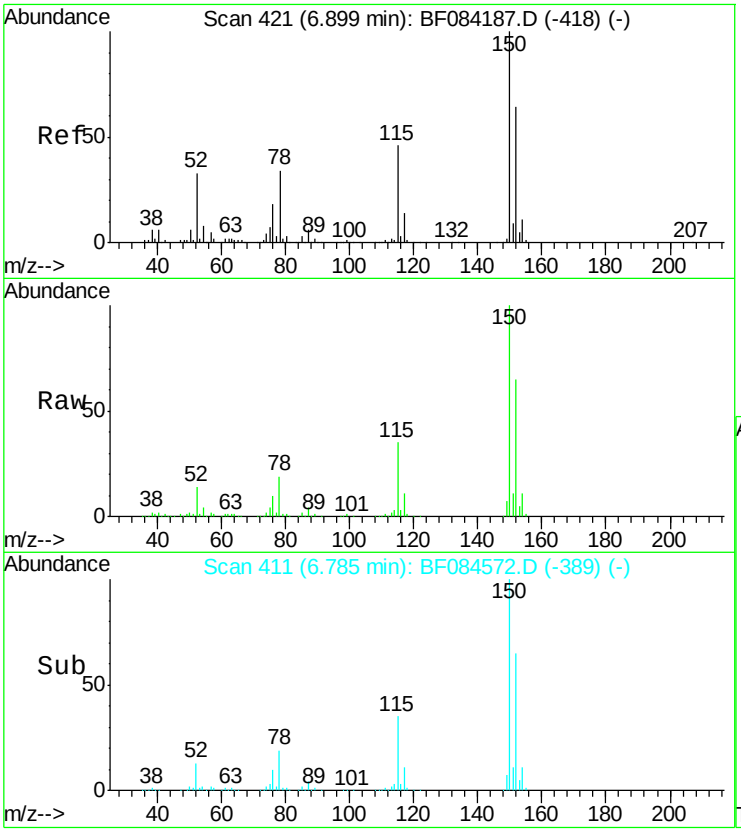
Quantitation Report (Not Reviewed)

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 22:09:36 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



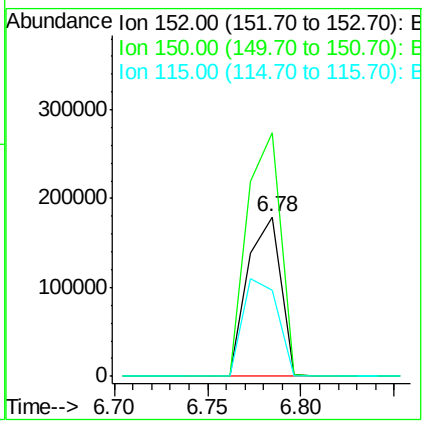


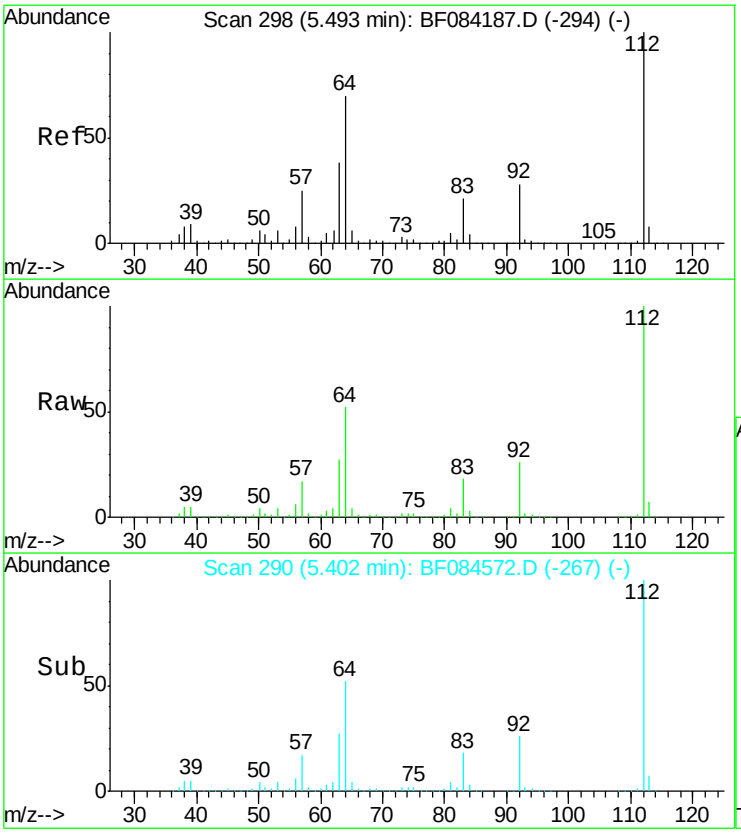
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.05 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

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

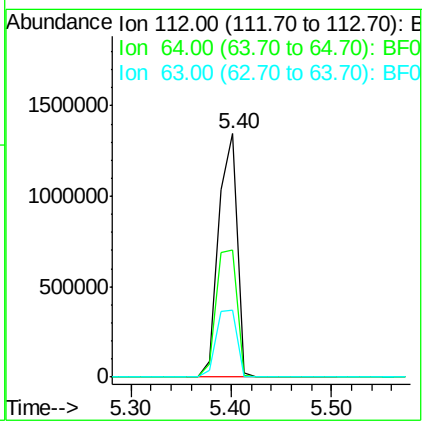


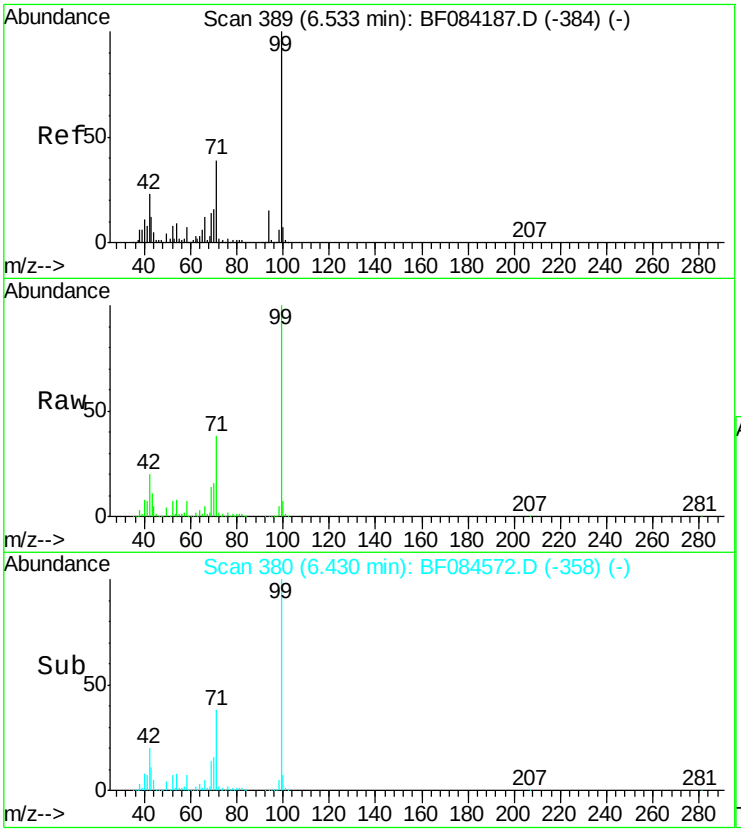


#5
2-Fluorophenol
Concen: 126.97 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

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



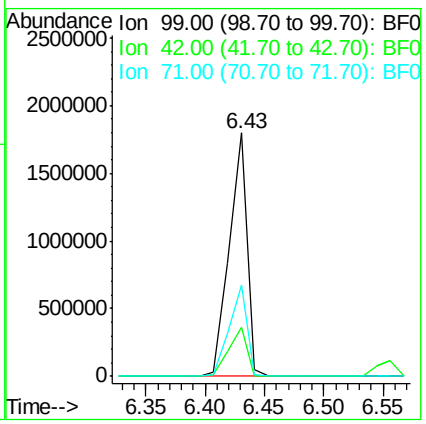


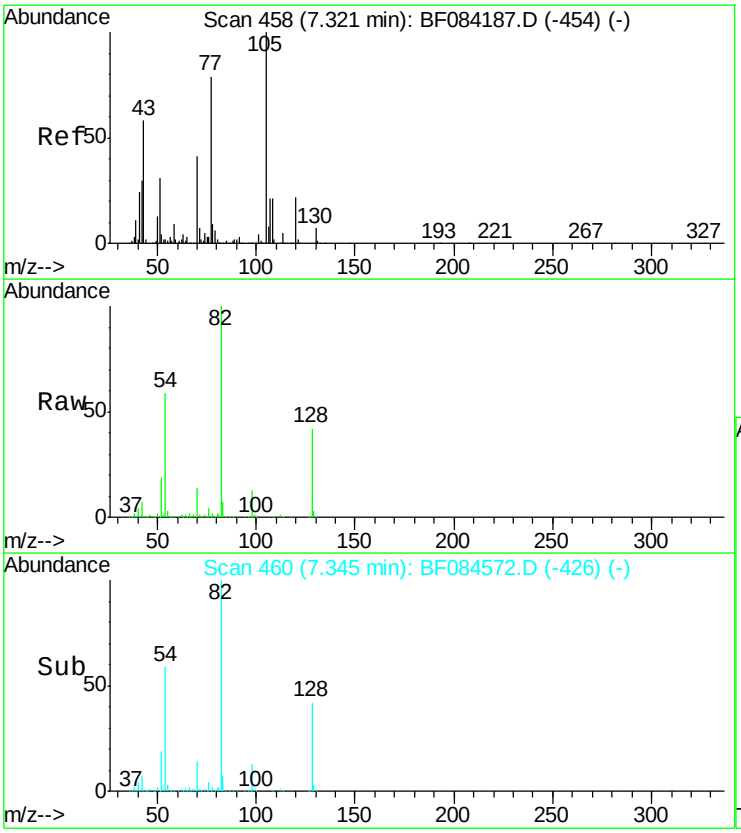
#7
Phenol-d6
Concen: 110.12 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.05 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

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

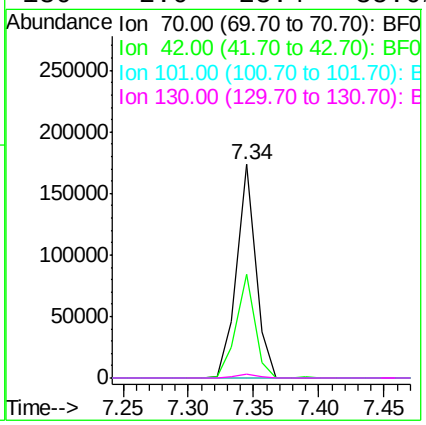


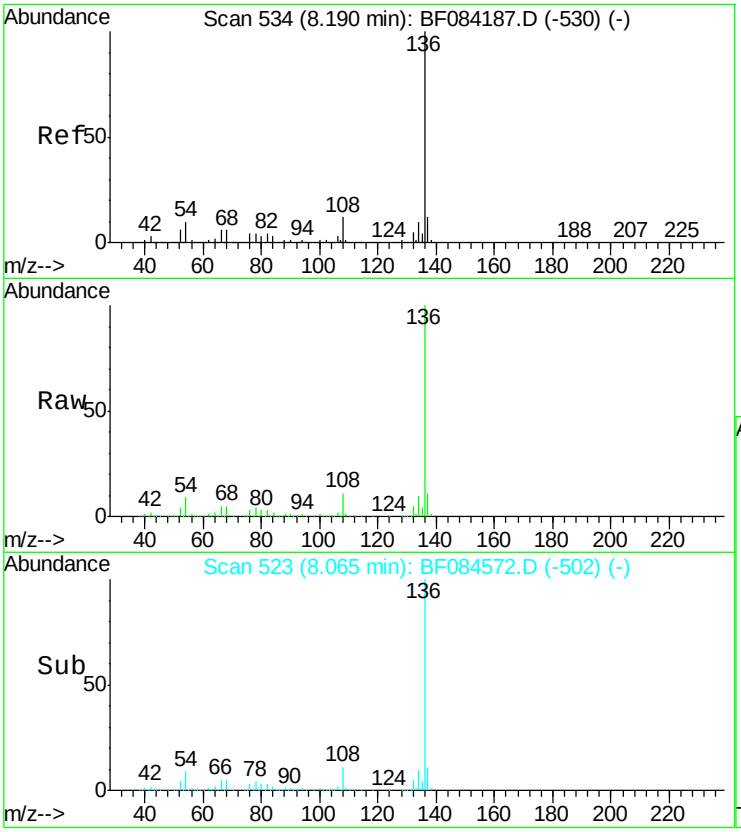


#19
n-Nitroso-di-n-propylamine
Concen: 15.49 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.09 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion: 70 Resp: 178242

Ion	Ratio	Lower	Upper
70	100		
42	48.7	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



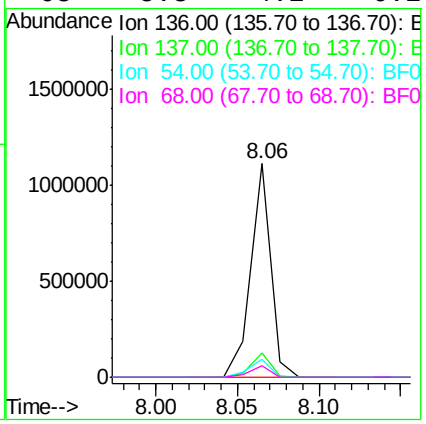


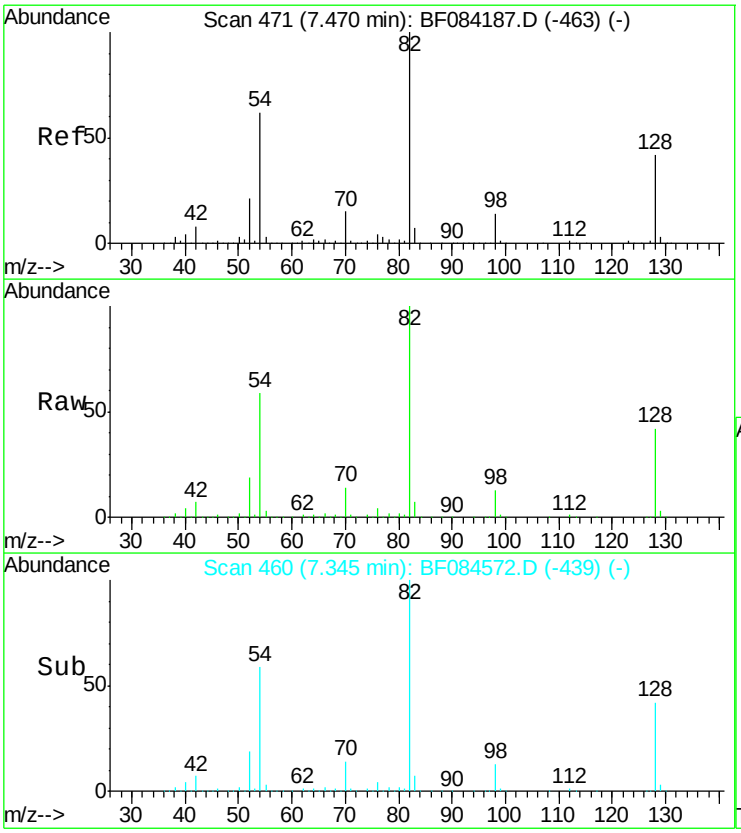
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

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

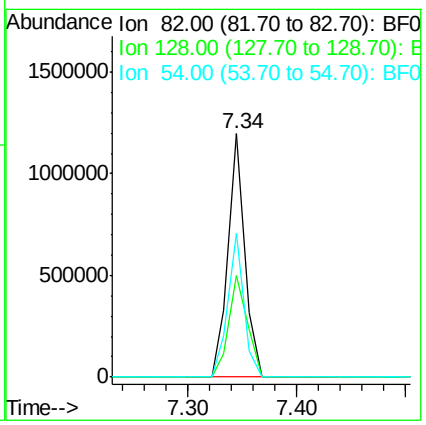


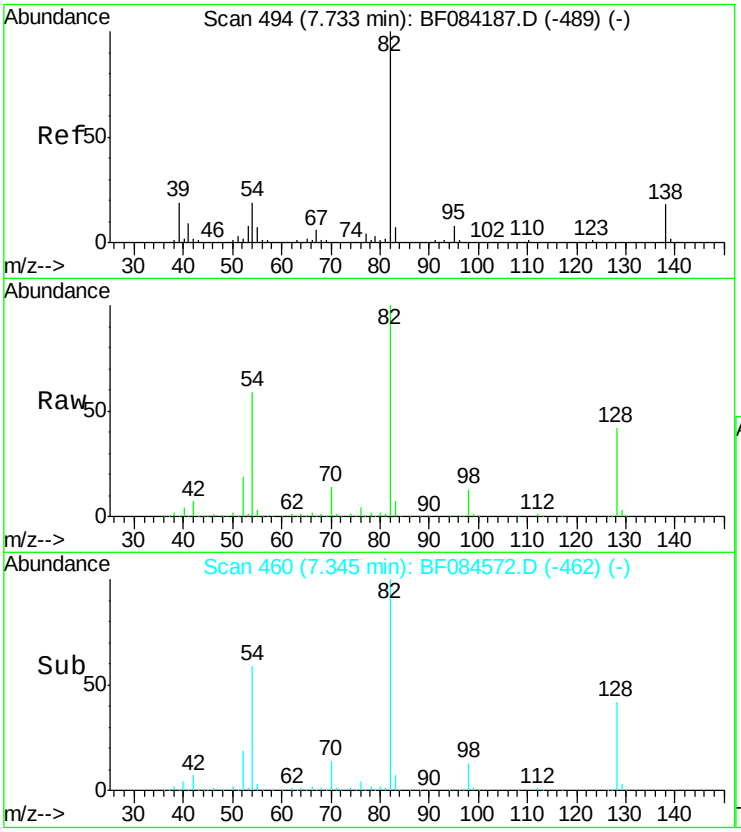


#23
Nitrobenzene-d5
Concen: 74.82 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

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#



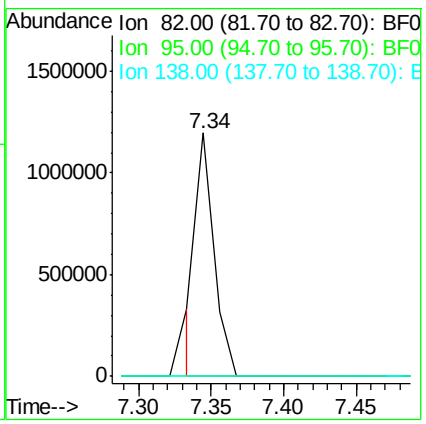


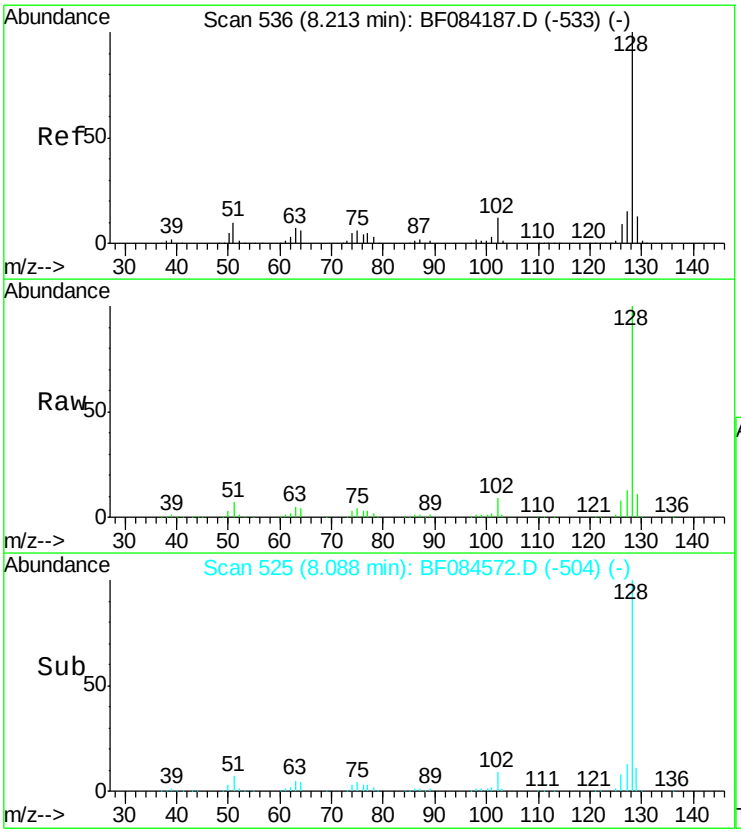
#25
Isophorone
Concen: 32.04 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.32 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Tgt Ion: 82 Resp: 1043403

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

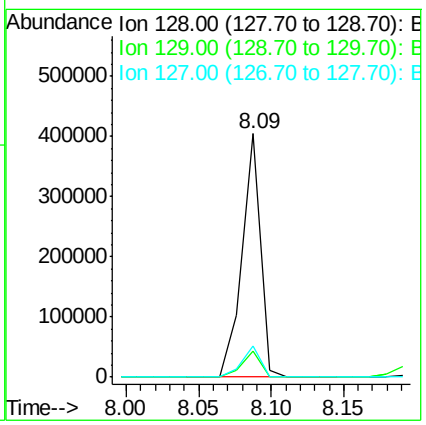


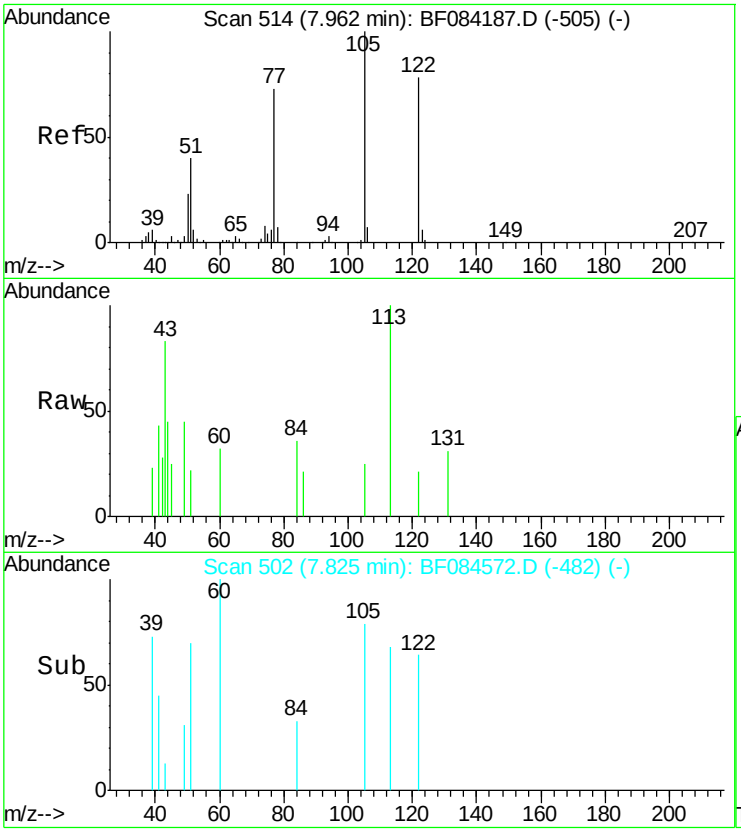


#31
Naphthalene
Concen: 8.29 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

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



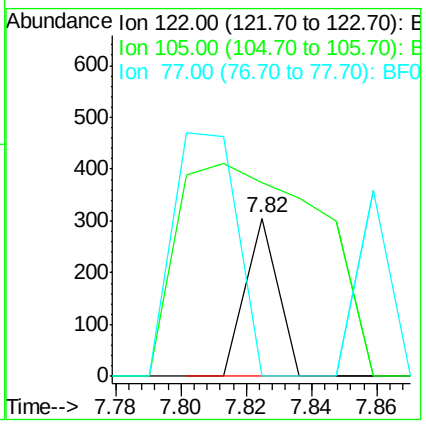


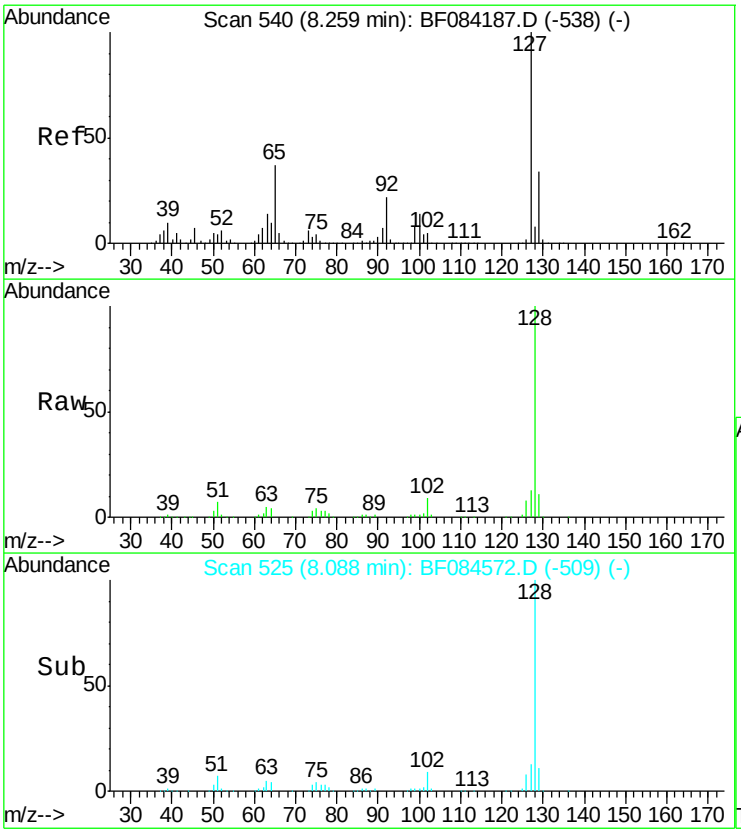
#32
Benzoic acid
Concen: 6.27 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.07 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Tgt Ion:122 Resp: 210

Ion	Ratio	Lower	Upper
122	100		
105	122.2	100.3	140.3
77	0.0	63.5	103.5#

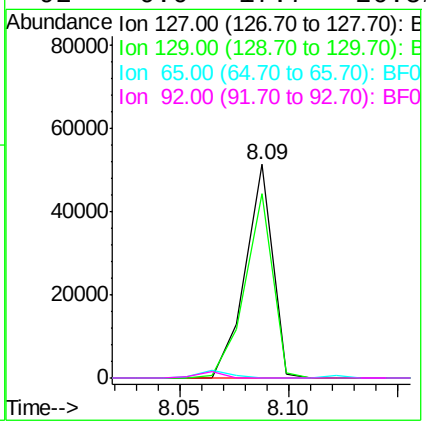


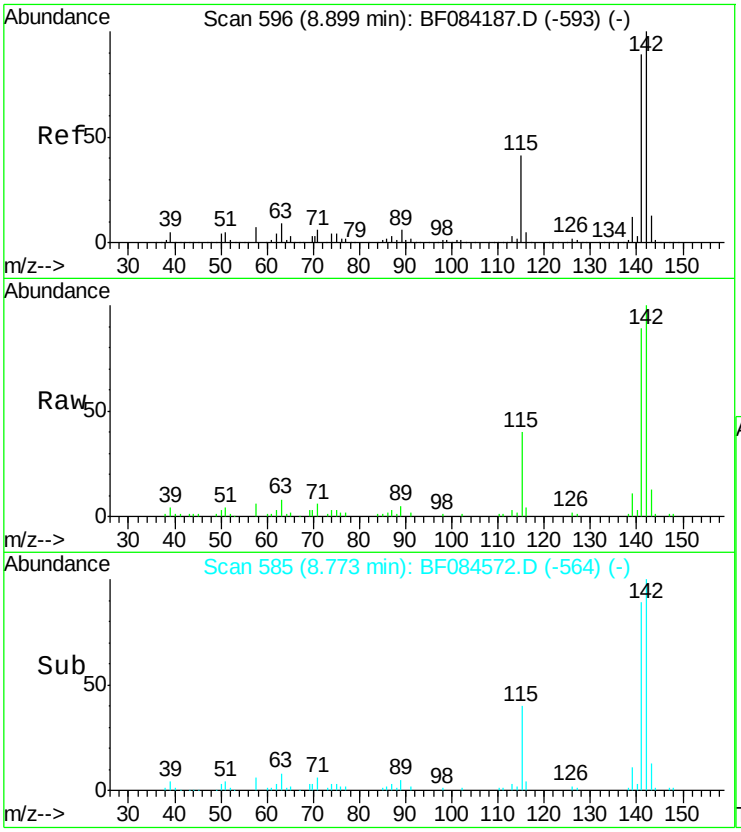


#33
4-Chloroaniline
Concen: 2.27 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.11 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion:127 Resp: 44727

Ion	Ratio	Lower	Upper
127	100		
129	86.5	26.5	39.7#
65	0.0	27.2	40.8#
92	0.0	17.7	26.5#



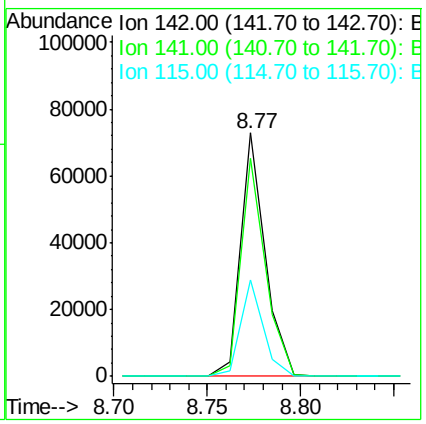


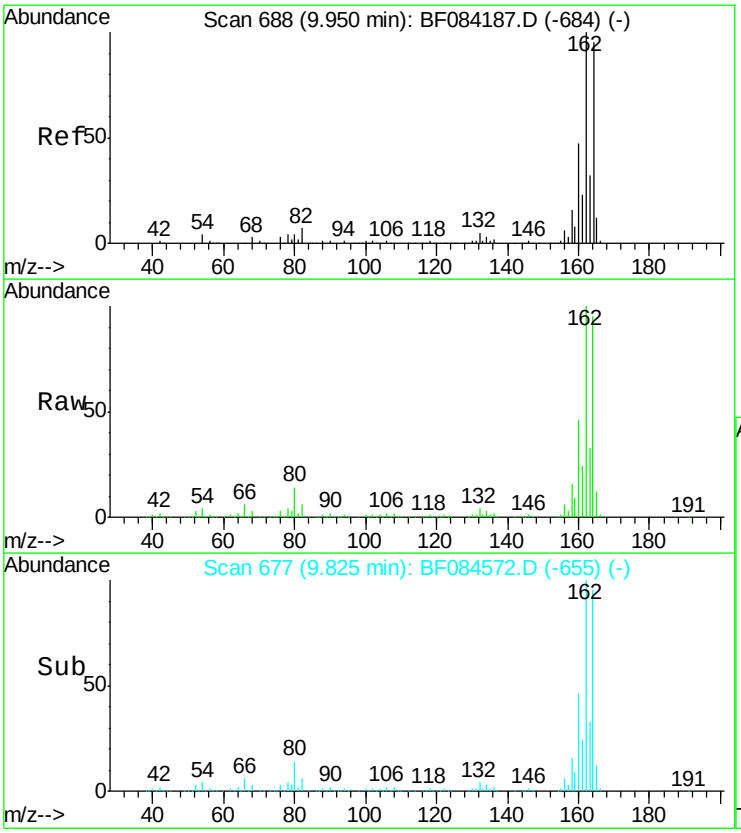
#37
2-Methylnaphthalene
Concen: 2.16 ng
RT: 8.77 min Scan# 585
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

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

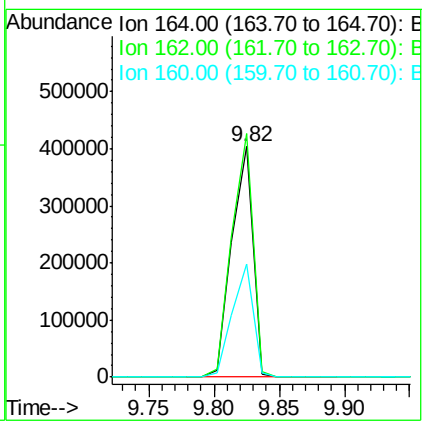


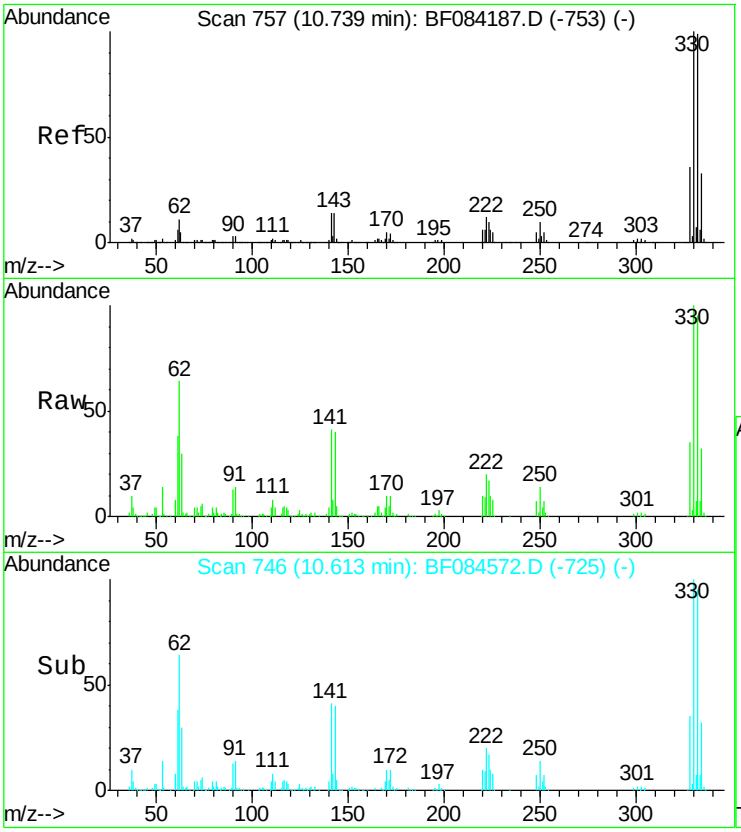


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

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



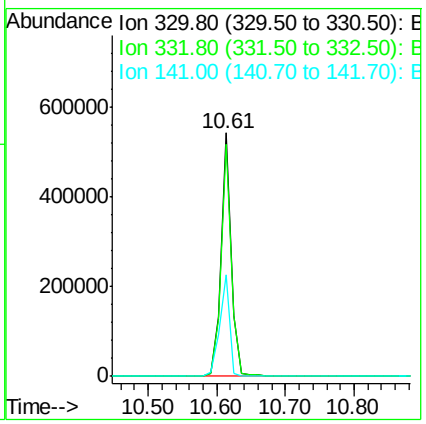


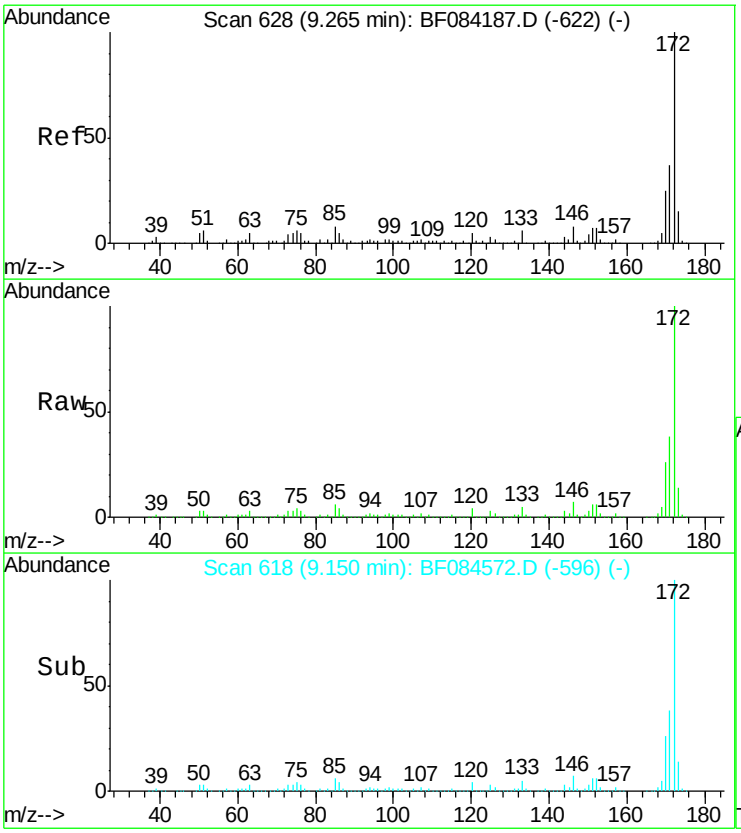
#41
2,4,6-Tribromophenol
Concen: 126.31 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

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

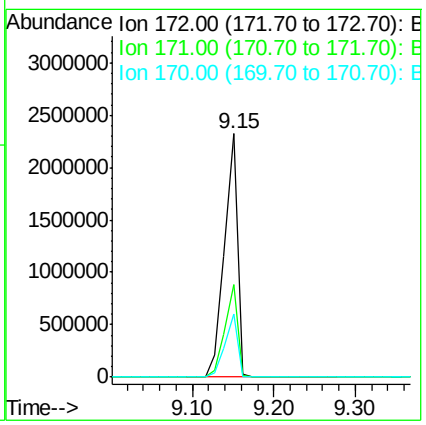


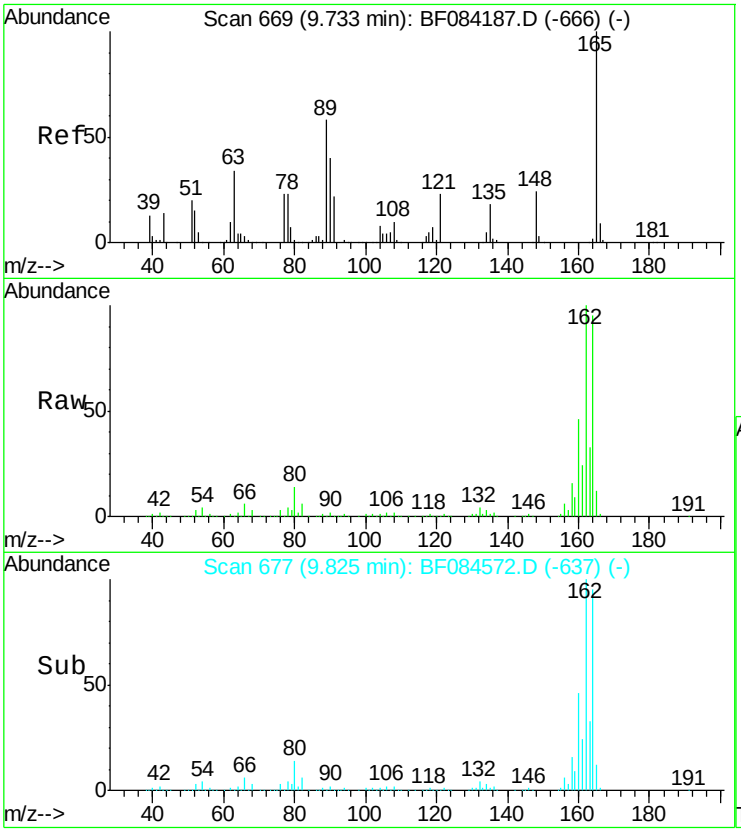


#44
2-Fluorobiphenyl
Concen: 101.02 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.05 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

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



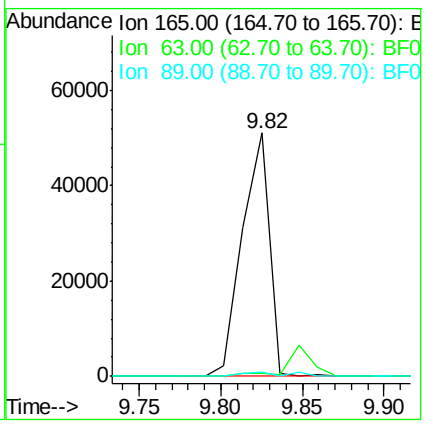


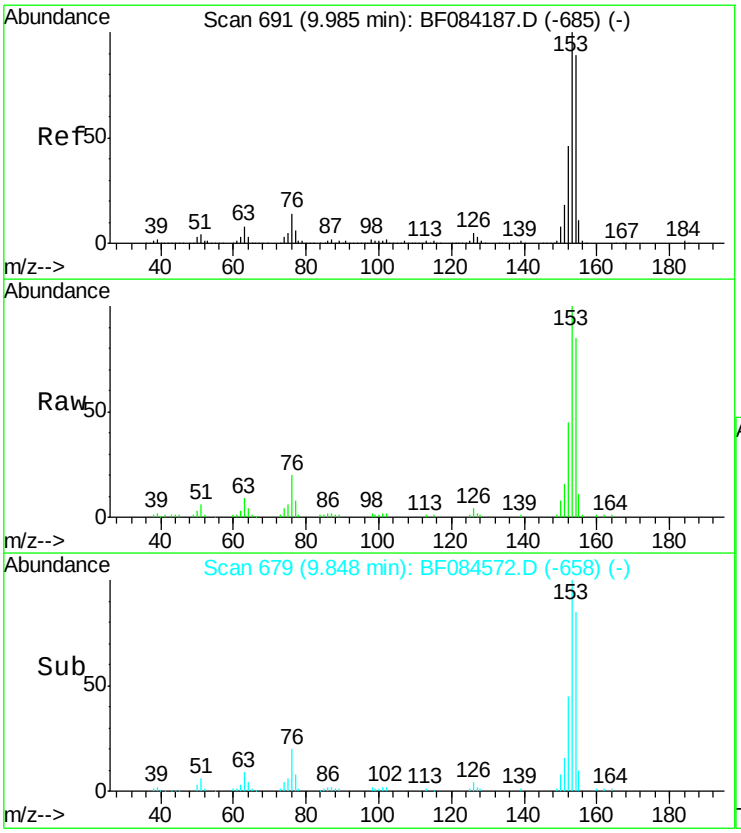
#50
2,6-Dinitrotoluene
Concen: 8.30 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.16 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Tgt Ion:165 Resp: 58791

Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.8	43.2#
89	1.7	35.1	52.7#

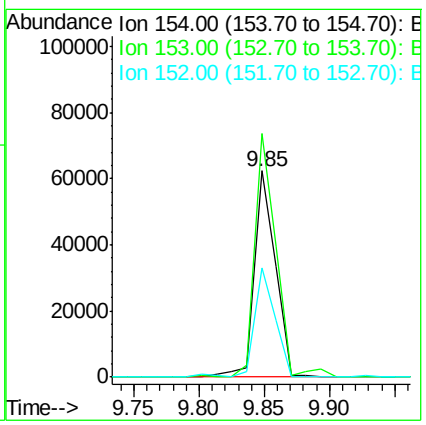


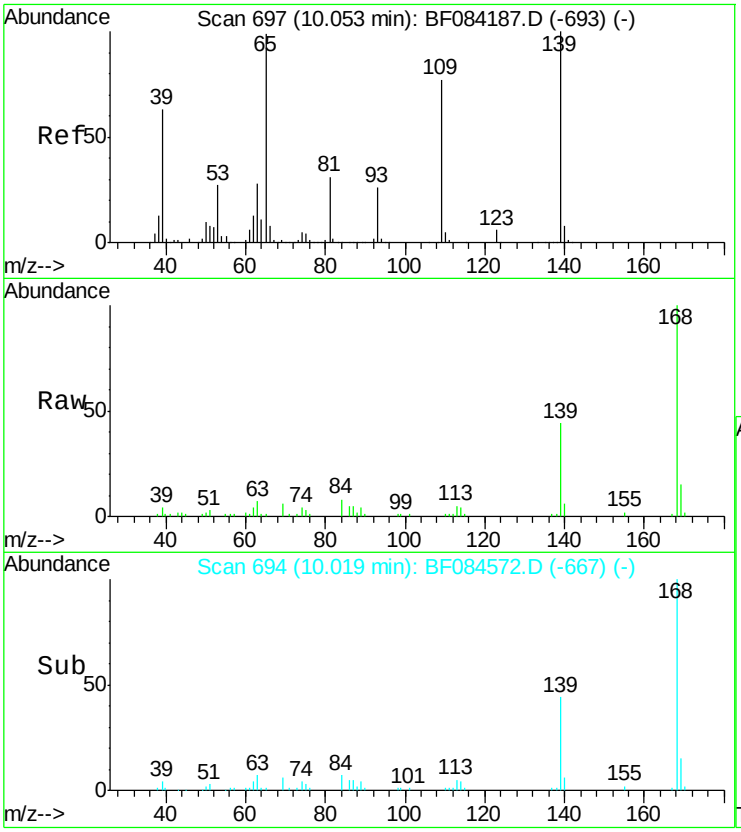


#51
Acenaphthene
Concen: 2.50 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

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



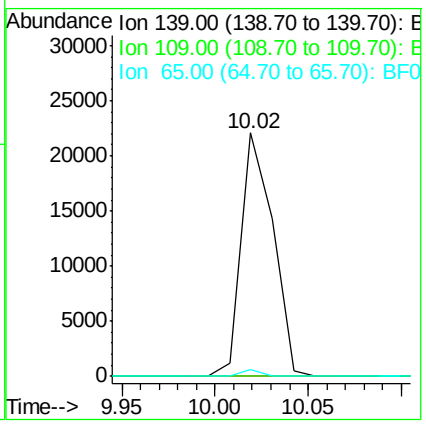


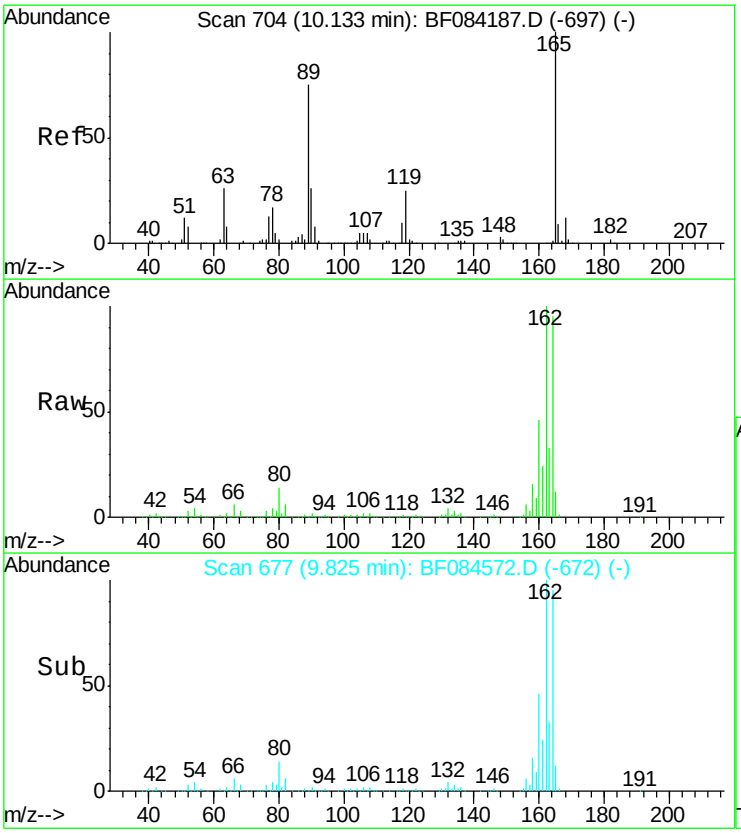
#55
4-Nitrophenol
Concen: 4.10 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Tgt Ion:139 Resp: 26112

Ion	Ratio	Lower	Upper
139	100		
109	0.0	58.5	98.5#
65	2.9	57.6	97.6#

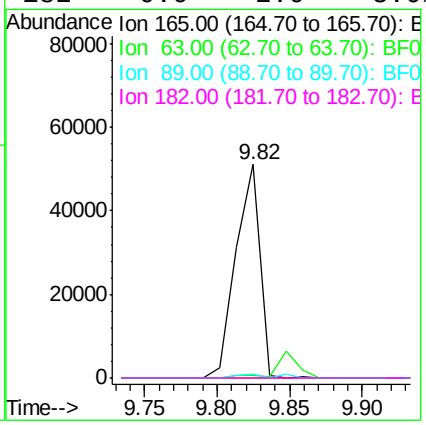


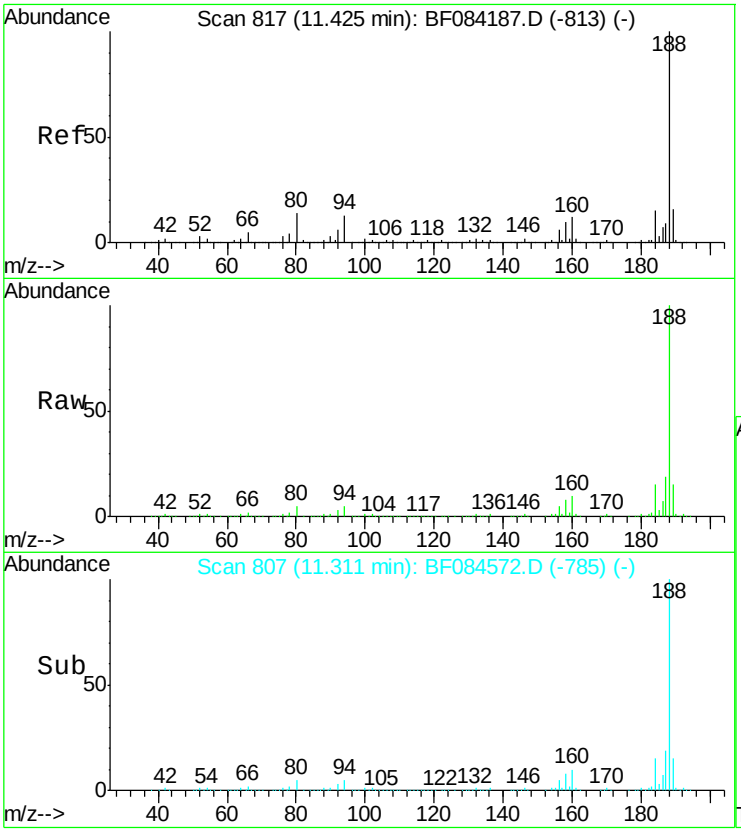


#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.24 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion:165 Resp: 58793

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.7	61.9	92.9#
182	0.0	2.0	3.0#



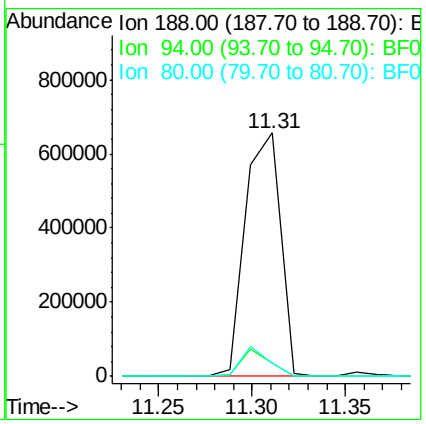


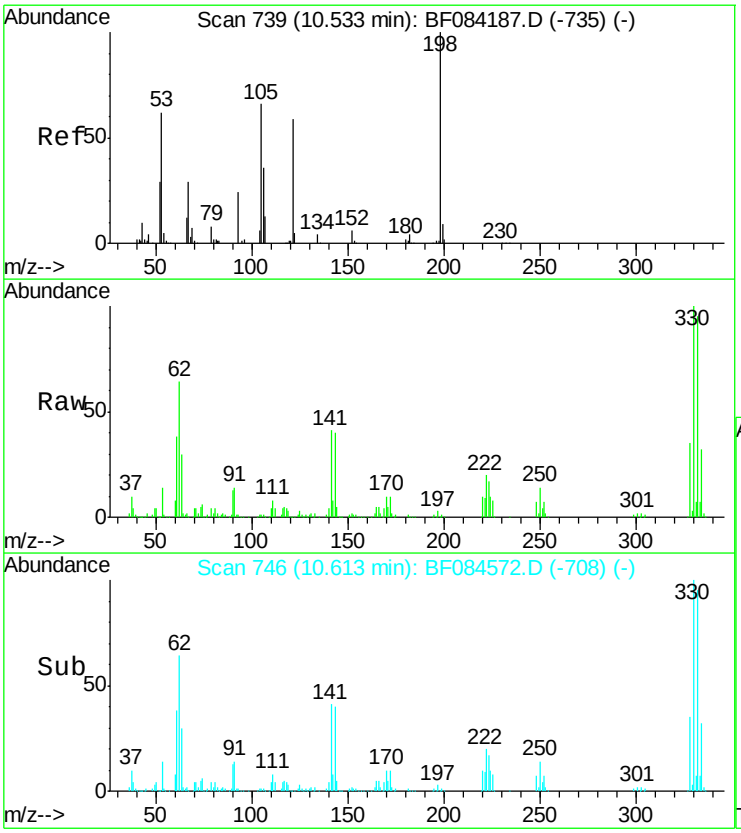
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

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#

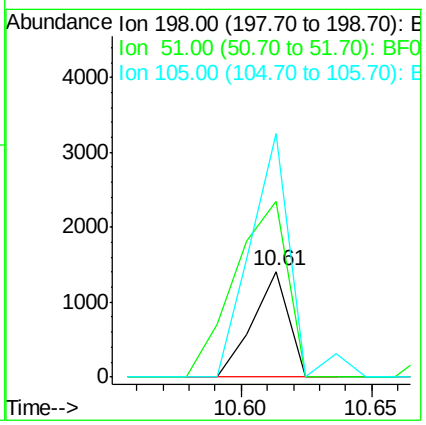


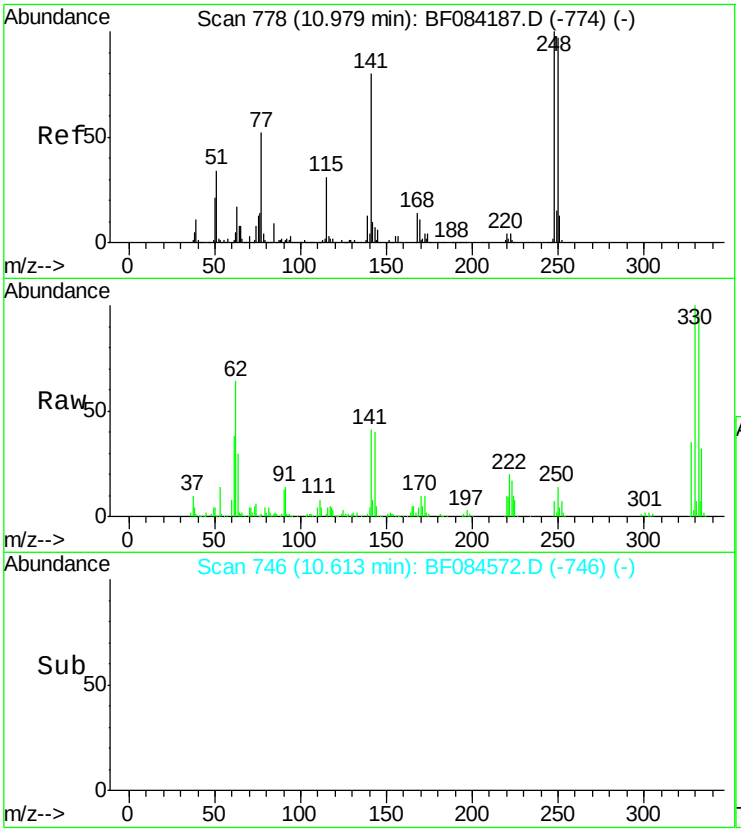


#64
4,6-Dinitro-2-methylphenol
Concen: 6.61 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.14 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Tgt Ion:198 Resp: 1351

Ion	Ratio	Lower	Upper
198	100		
51	166.9	18.9	58.9#
105	230.7	26.4	66.4#



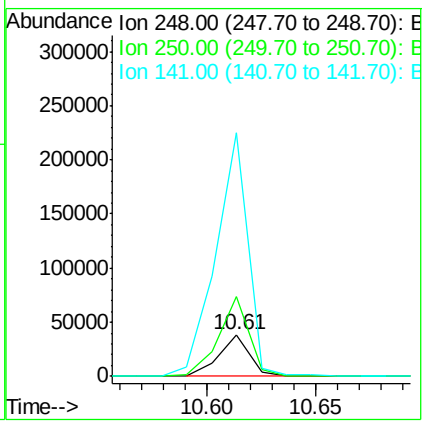


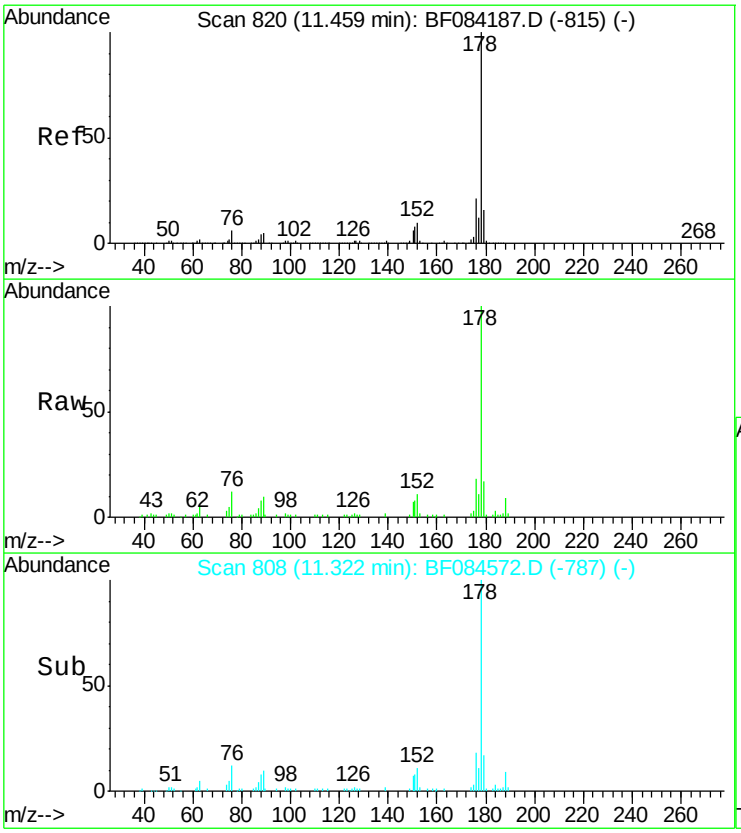
#66
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.30 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

Tgt Ion:248 Resp: 37066

Ion	Ratio	Lower	Upper
248	100		
250	192.3	78.4	117.6#
141	586.2	44.0	66.0#

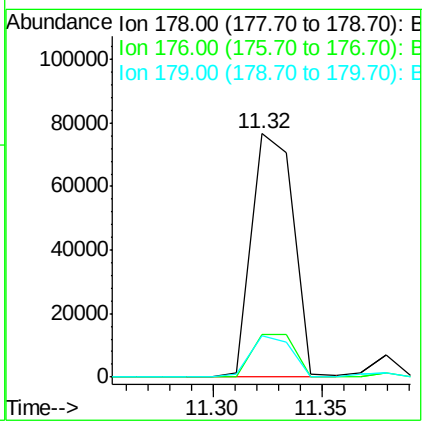


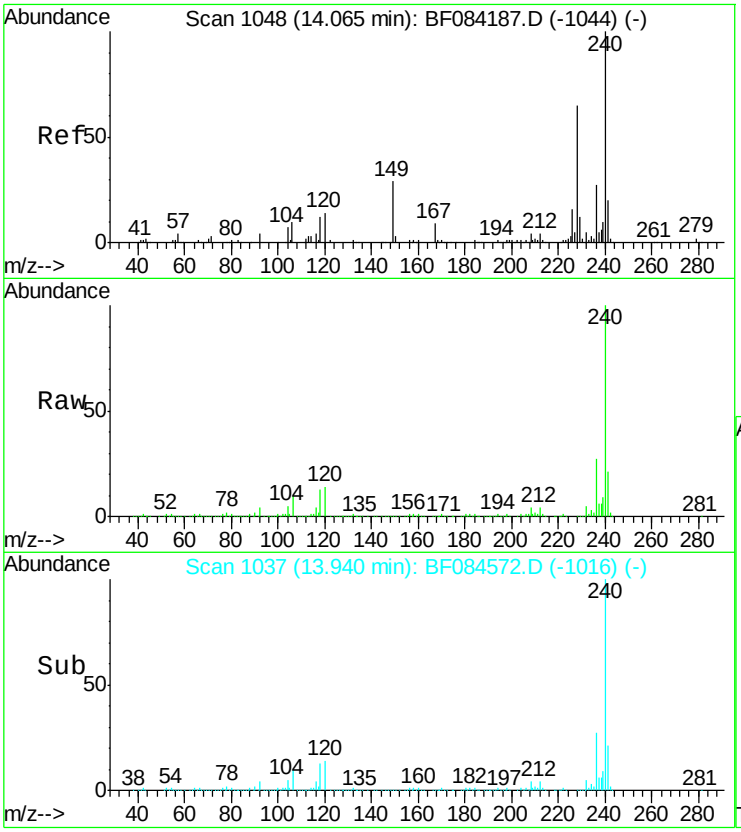


#70
Phenanthrene
Concen: 2.29 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

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



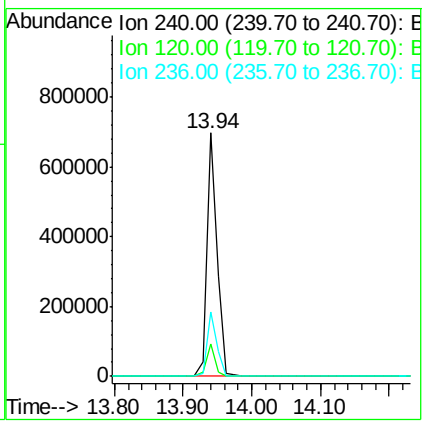


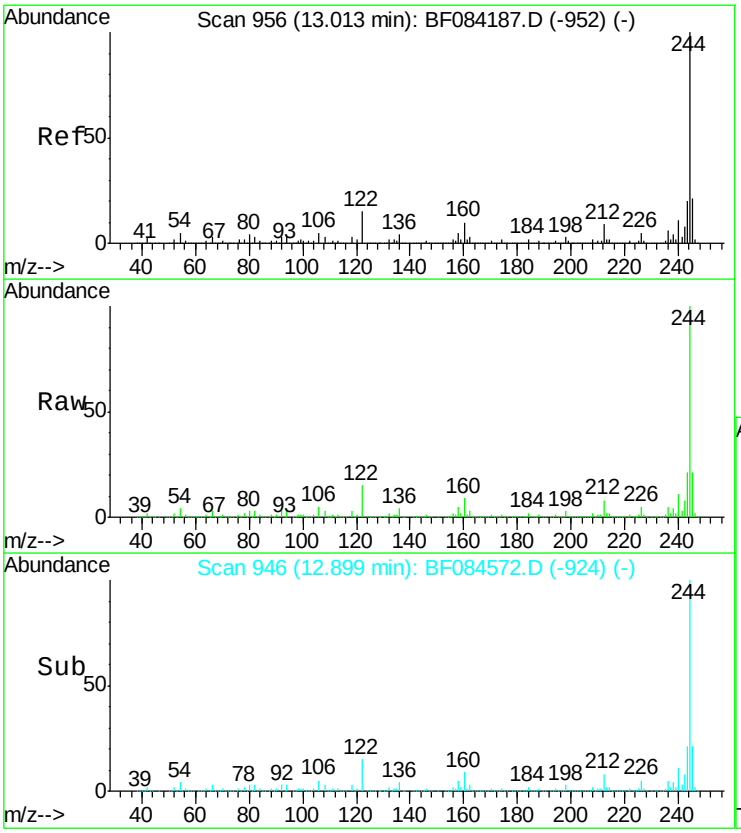
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.06 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

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

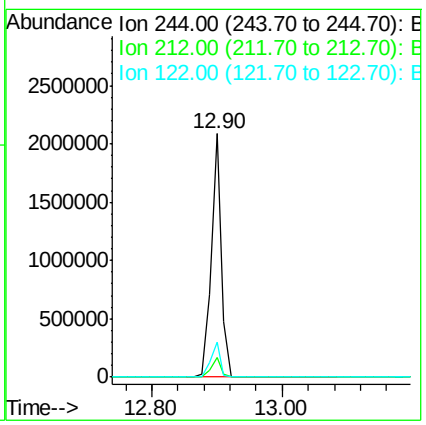


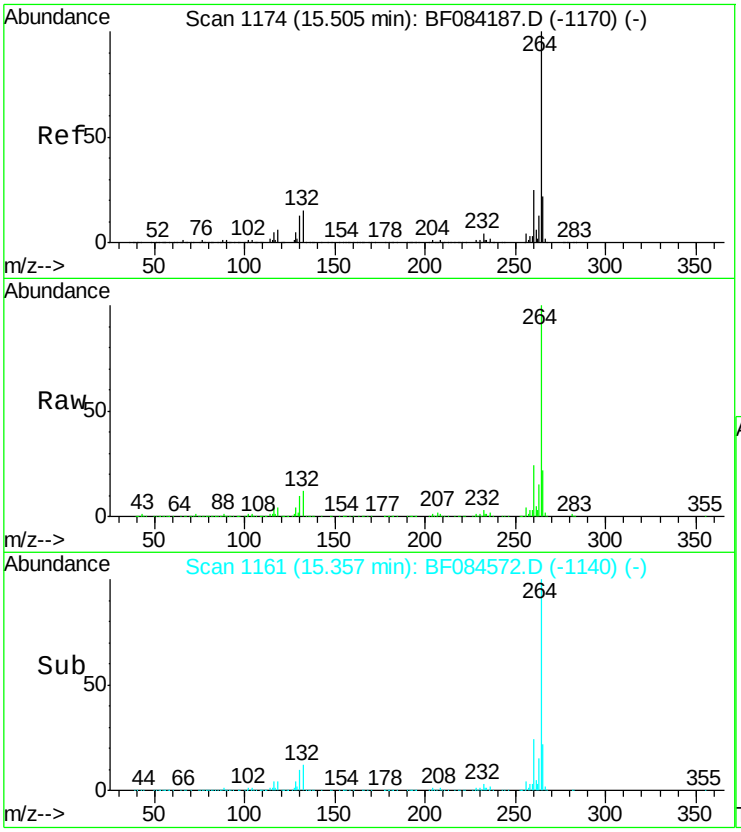


#78
Terphenyl-d14
Concen: 70.50 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF084572.D
Acq: 20 Jan 2016 18:45

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

Instrument :
BNA_F
ClientSampleId :
SULFURCAKE

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