Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086170.D
Acq On : 8 Apr 2016 16:08
Operator : UM/SJ
Sample : PB89669BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89669BL

Quant Time: Apr 08 23:18:26 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	6.73	152	114860	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	463251	20.00	ng		-0.06
38) Acenaphthene-d10	9.76	164	221601	20.00	ng		-0.06
63) Phenanthrene-d10	11.24	188	433268	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	323857	20.00	ng		-0.05
86) Perylene-d12	15.28	264	216050	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	532726	79.28	ng		-0.03
7) Phenol-d6	6.37	99	683285	80.05	ng		-0.05
23) Nitrobenzene-d5	7.30	82	615496	78.35	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	164712	79.19	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1058842	79.45	ng		-0.05
78) Terphenyl-d14	12.83	244	994491	72.18	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	13732	2.99	ng		89
19) n-Nitroso-di-n-propylamine	7.30	70	79901	15.10	ng	#	75
25) Isophorone	7.30	82	608940	39.27	ng	#	68
40) Hexachlorocyclopentadiene	8.60	237	347	5.58	ng		89
53) 2,4-Dinitrophenol	9.81	184	1377	3.05	ng	#	68

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

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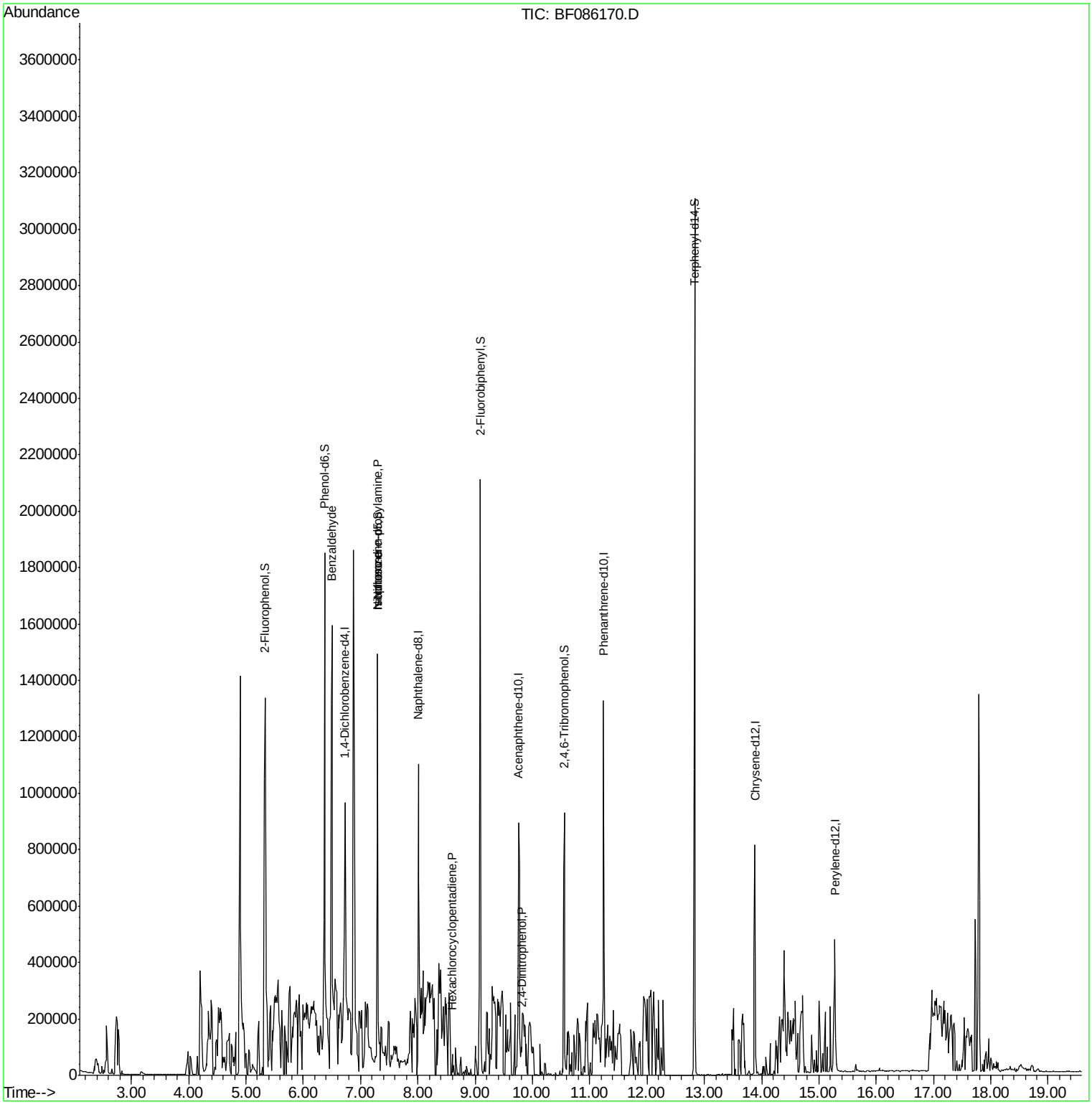
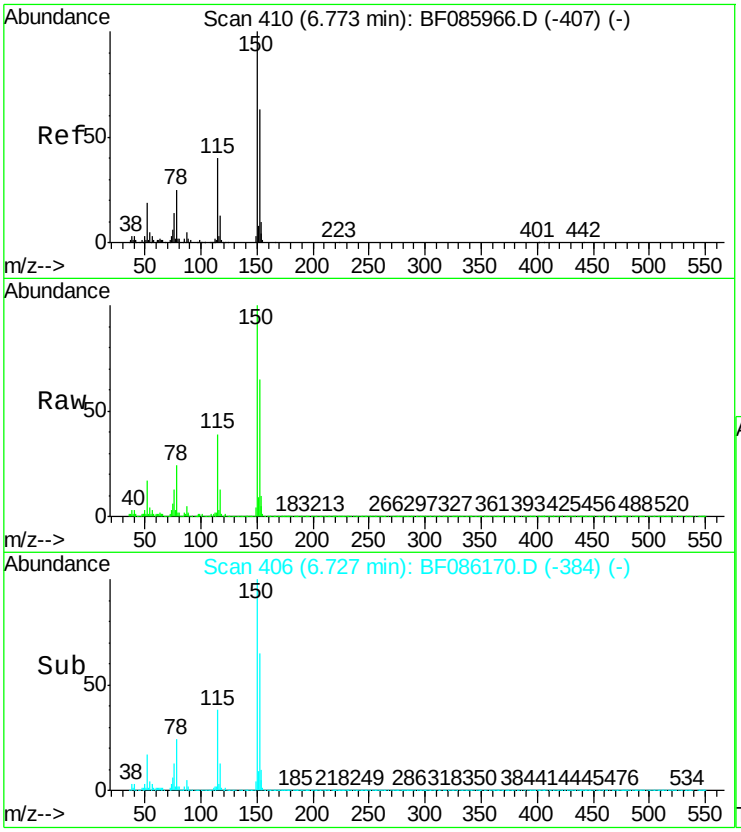


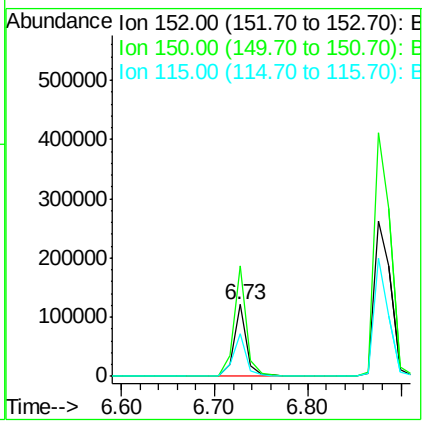


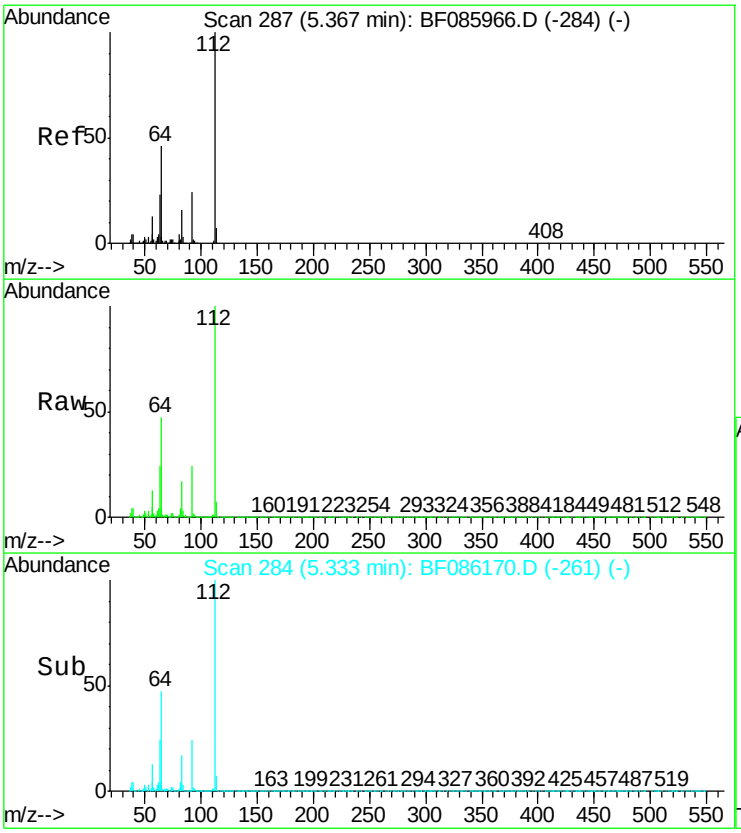
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB89669BL

Tgt Ion:152 Resp: 114860

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	59.4	47.0	70.6

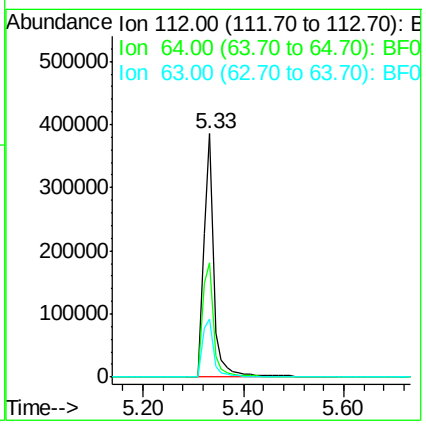


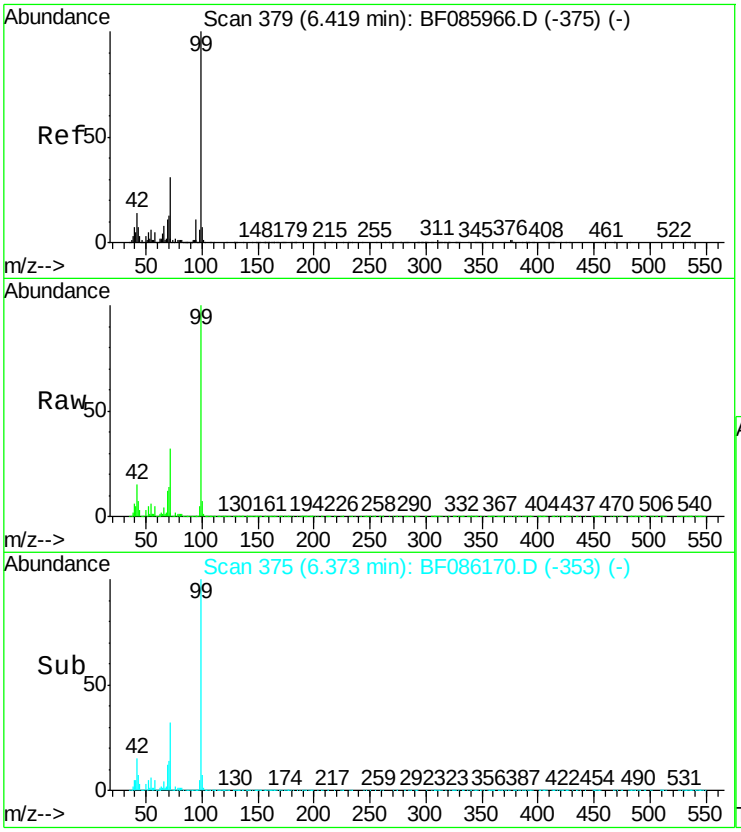


#5
2-Fluorophenol
Concen: 79.28 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Tgt Ion:112 Resp: 532726

Ion	Ratio	Lower	Upper
112	100		
64	46.9	39.9	59.9
63	24.0	20.2	30.2



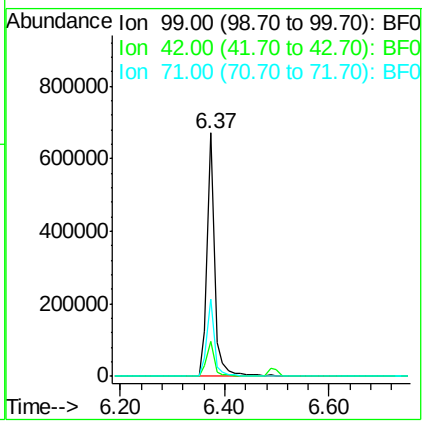


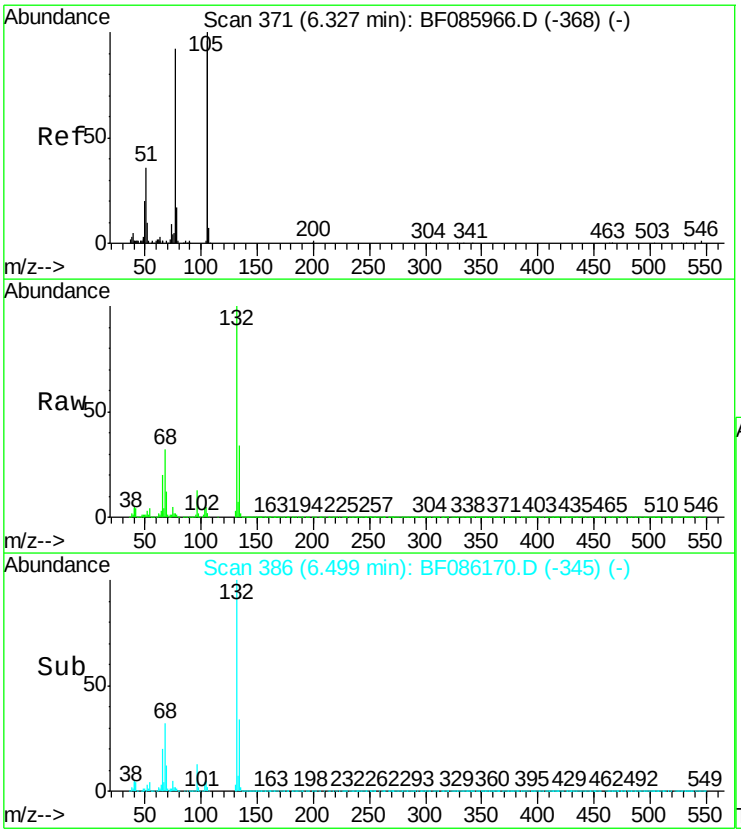
#7
Phenol-d6
Concen: 80.05 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.05 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB89669BL

Tgt Ion: 99 Resp: 683285

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.1	16.7
71	31.7	24.9	37.3

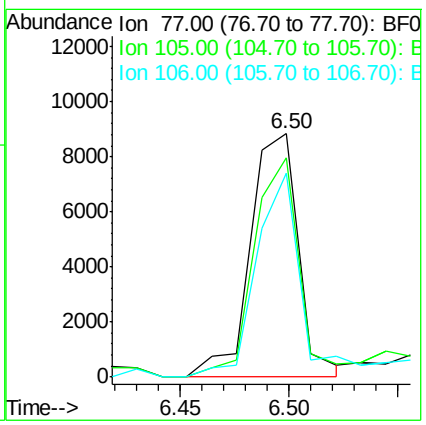


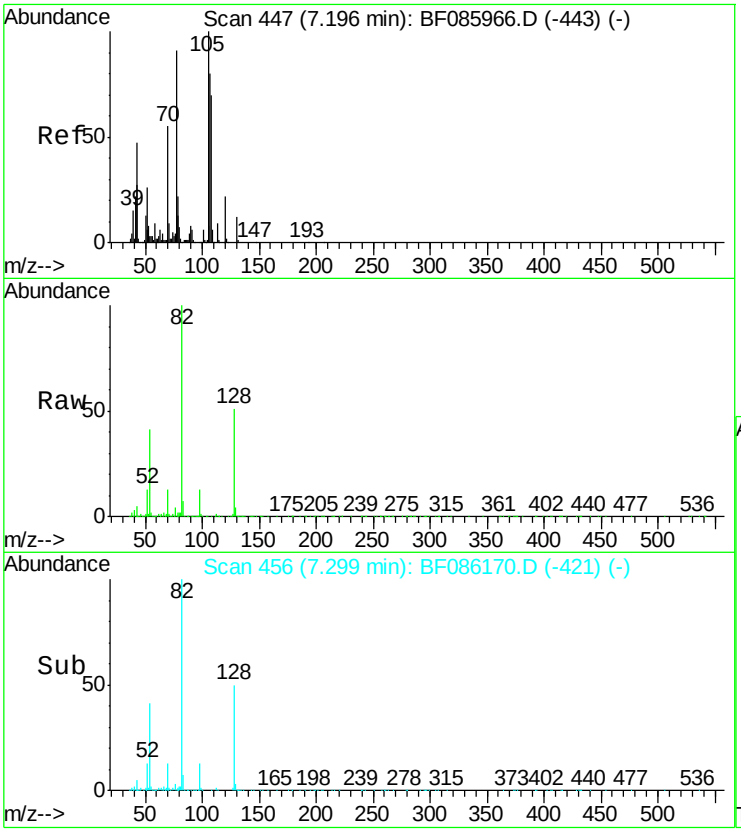


#9
Benzaldehyde
Concen: 2.99 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.17 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Tgt Ion: 77 Resp: 13732

Ion	Ratio	Lower	Upper
77	100		
105	89.8	80.1	120.1
106	83.7	75.0	115.0



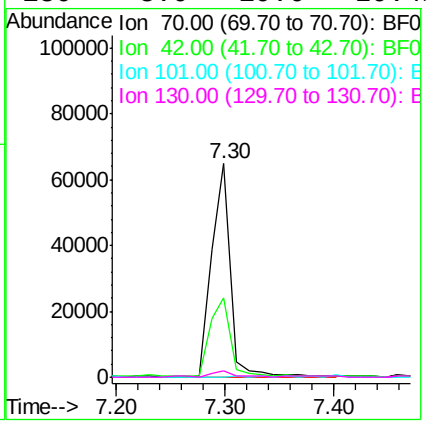


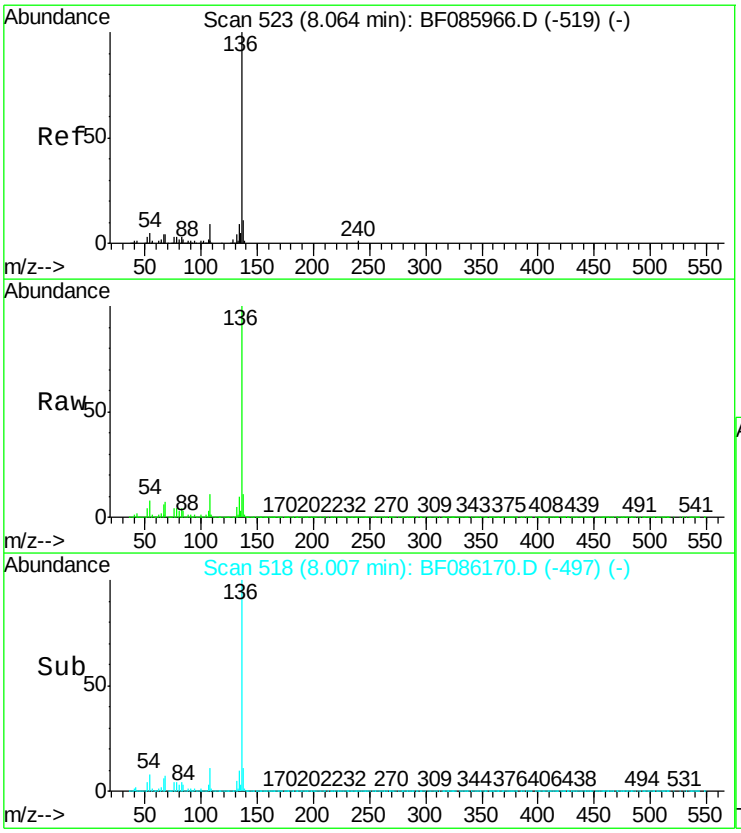
#19
n-Nitroso-di-n-propylamine
Concen: 15.10 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.10 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB89669BL

Tgt Ion: 70 Resp: 79901

Ion	Ratio	Lower	Upper
70	100		
42	36.9	37.1	55.7#
101	0.0	8.6	12.8#
130	3.0	19.6	29.4#

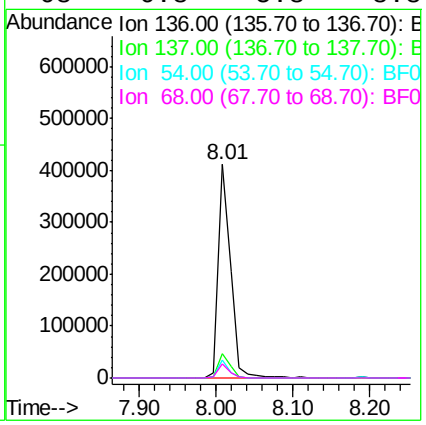


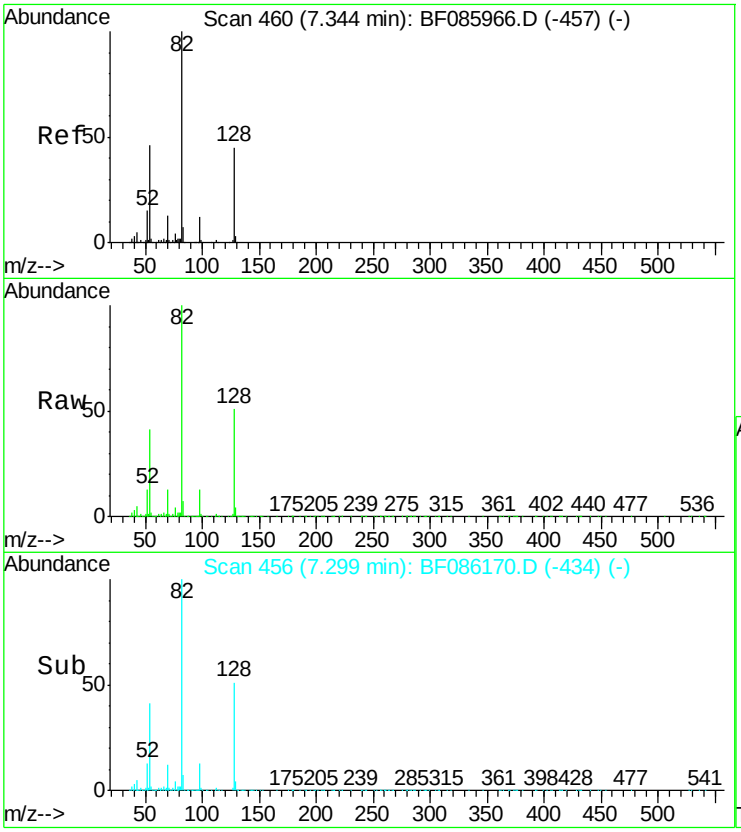


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Tgt Ion:136 Resp: 463251

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.4	7.4	11.0
68	6.8	5.8	8.8



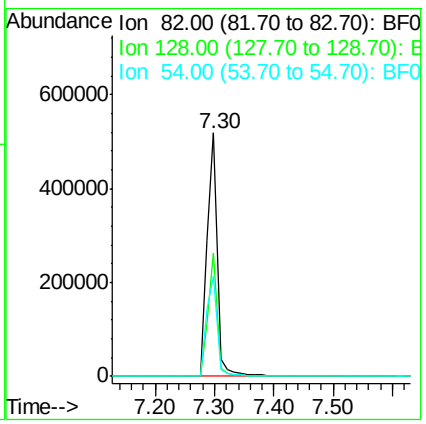


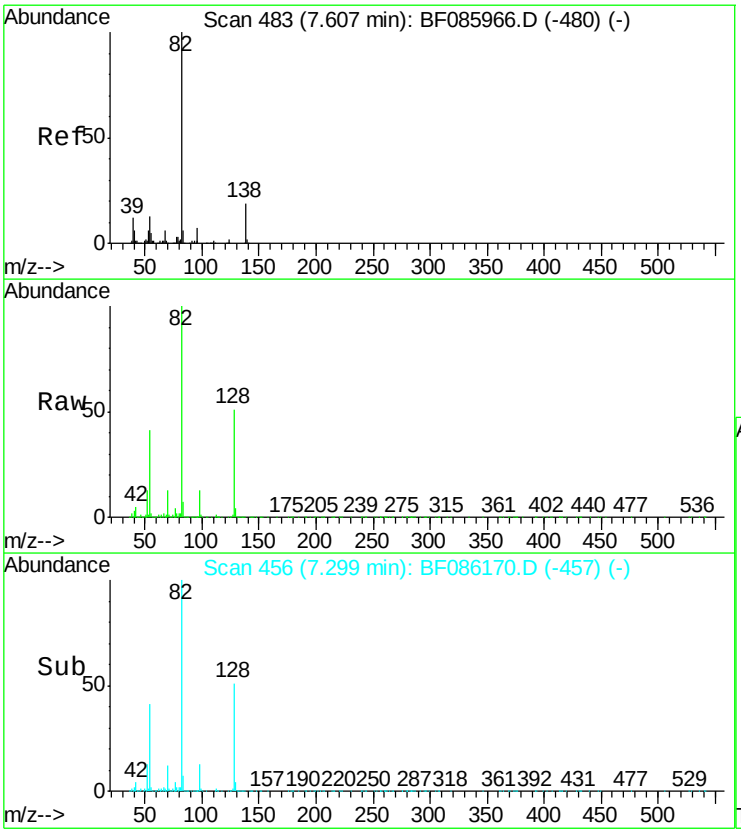
#23
Nitrobenzene-d5
Concen: 78.35 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB89669BL

Tgt Ion: 82 Resp: 615496

Ion	Ratio	Lower	Upper
82	100		
128	50.6	41.8	62.8
54	41.4	33.4	50.0

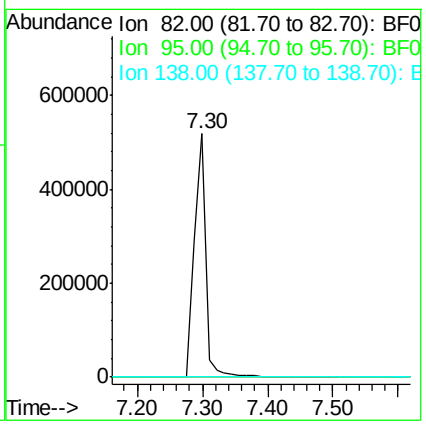


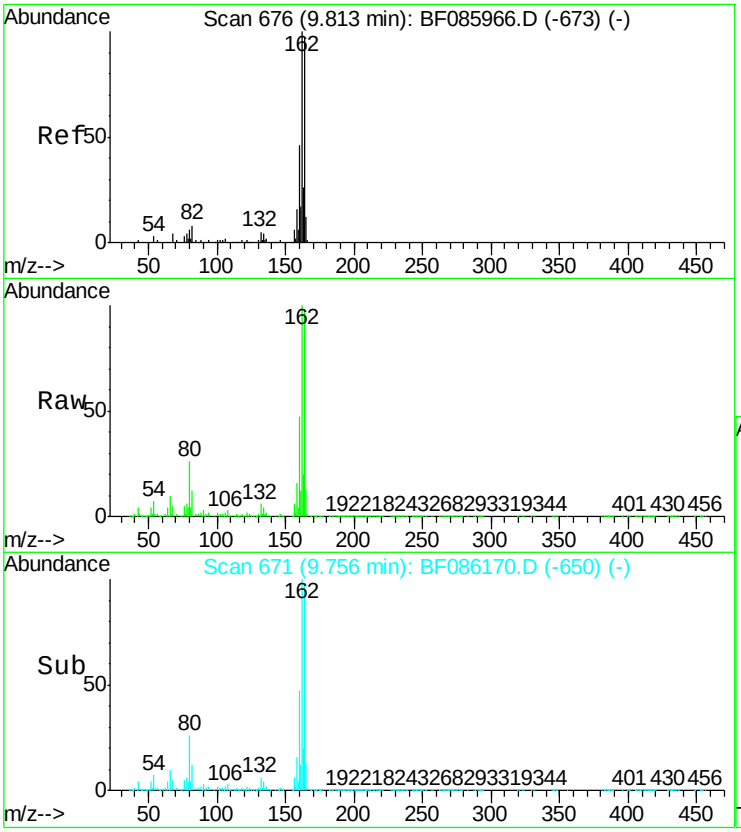


#25
Isophorone
Concen: 39.27 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.31 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Tgt Ion: 82 Resp: 608940

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	12.9	19.3#



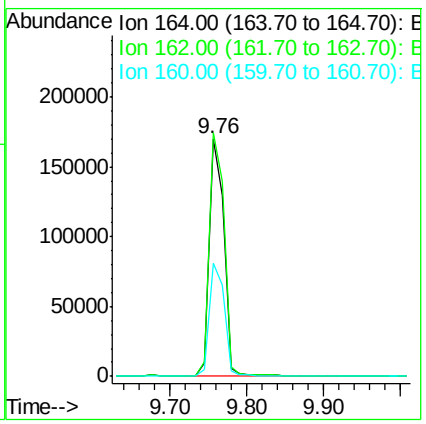


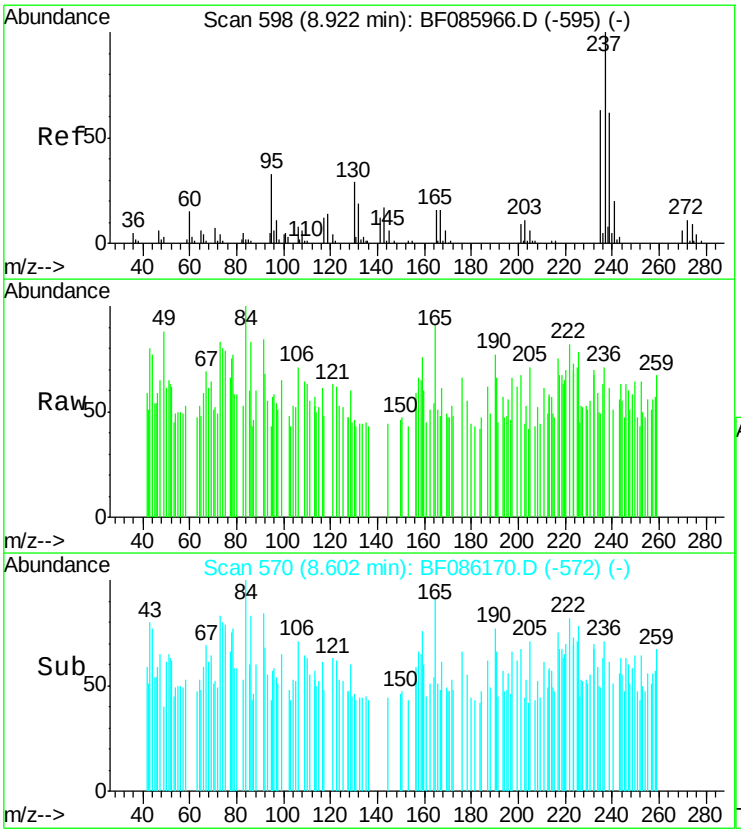
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.06 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB89669BL

Tgt Ion:164 Resp: 221601

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.1	123.1
160	47.6	37.4	56.2

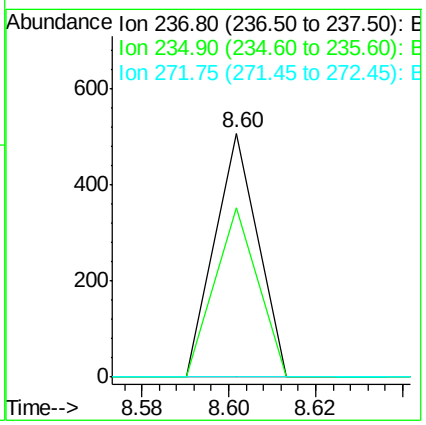


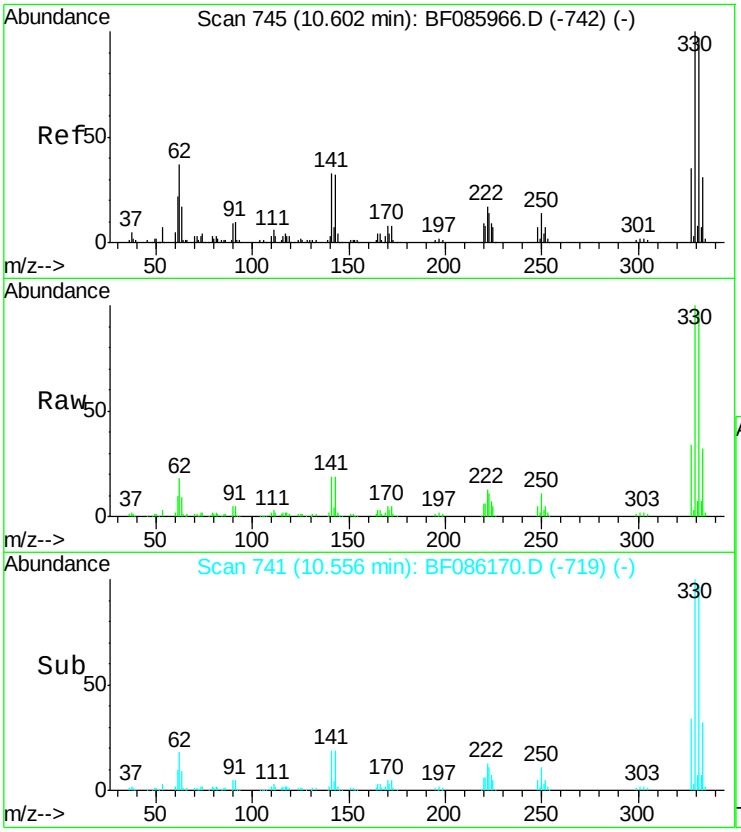


#40
Hexachlorocyclopentadiene
Concen: 5.58 ng
RT: 8.60 min Scan# 570
Delta R.T. -0.32 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Tgt Ion:237 Resp: 347

Ion	Ratio	Lower	Upper
237	100		
235	69.6	43.7	83.7
272	0.0	0.0	31.9



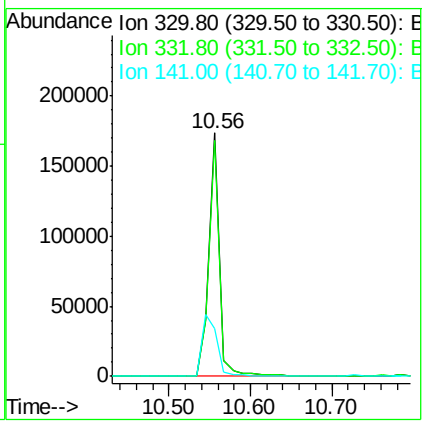


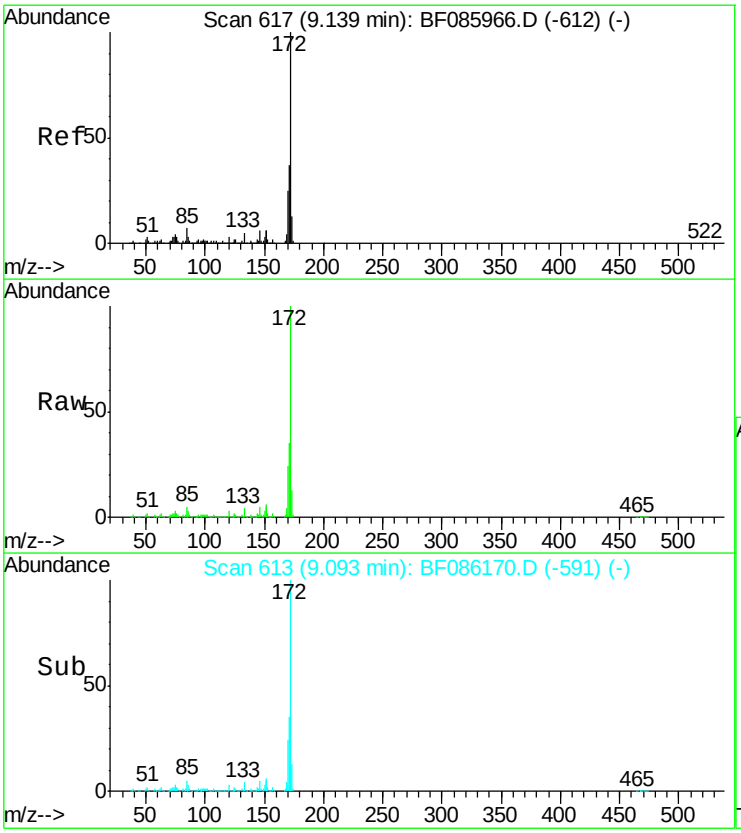
#41
2,4,6-Tribromophenol
Concen: 79.19 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.05 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB89669BL

Tgt Ion:330 Resp: 164712

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.2
141	36.1	31.5	47.3

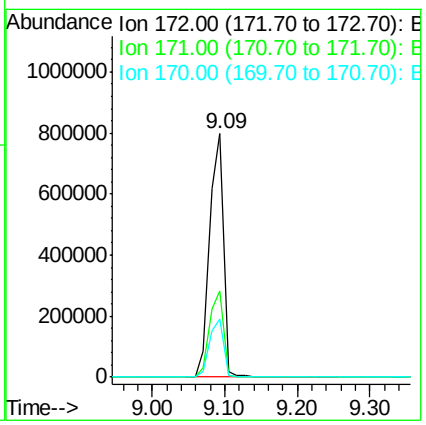


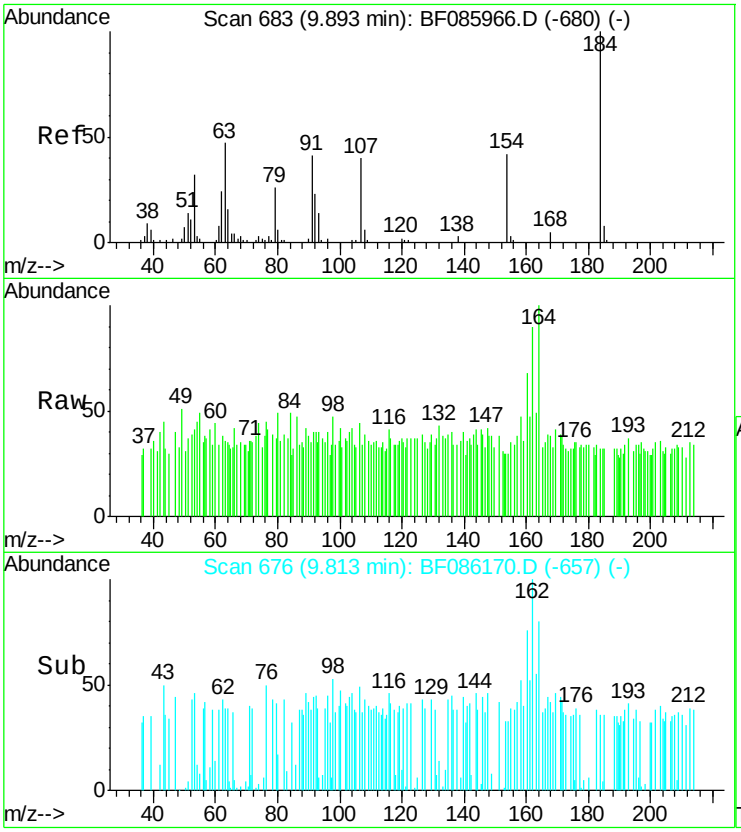


#44
2-Fluorobiphenyl
Concen: 79.45 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Tgt Ion:172 Resp: 1058842

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.2
170	23.7	19.8	29.6



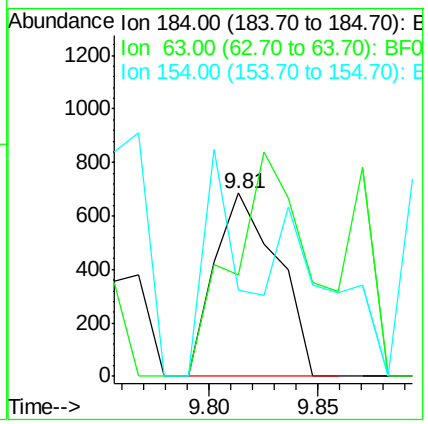


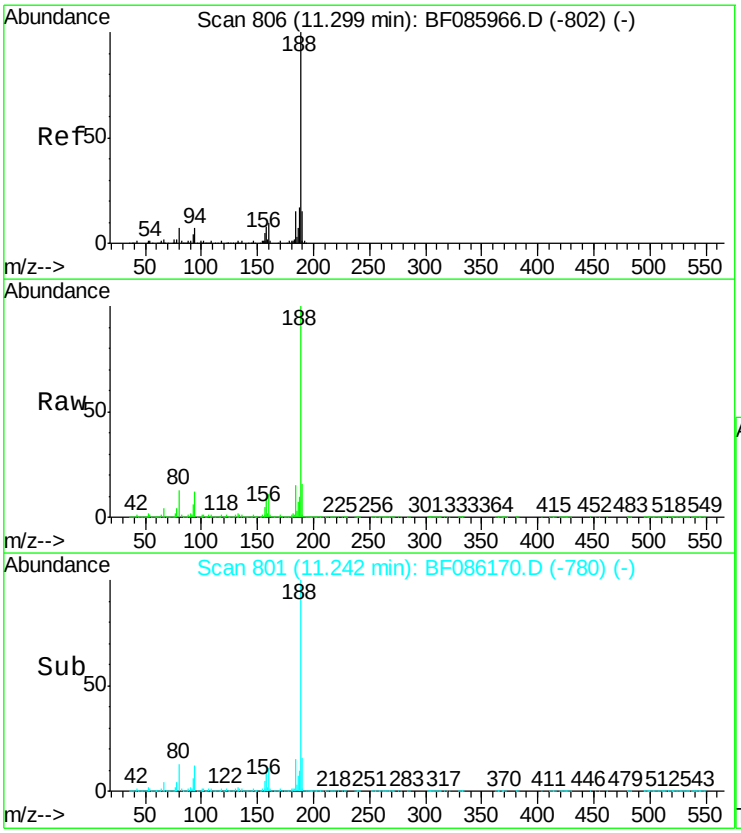
#53
2,4-Dinitrophenol
Concen: 3.05 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.08 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB89669BL

Tgt Ion:184 Resp: 1377

Ion	Ratio	Lower	Upper
184	100		
63	55.8	69.5	104.3#
154	46.9	58.3	87.5#

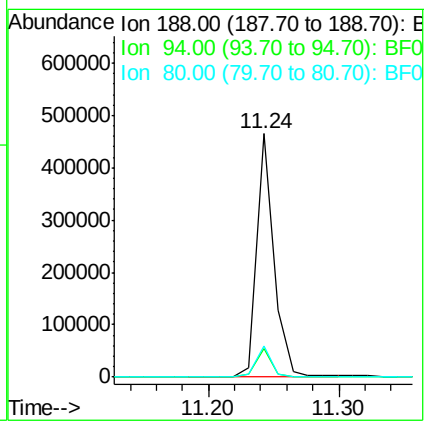


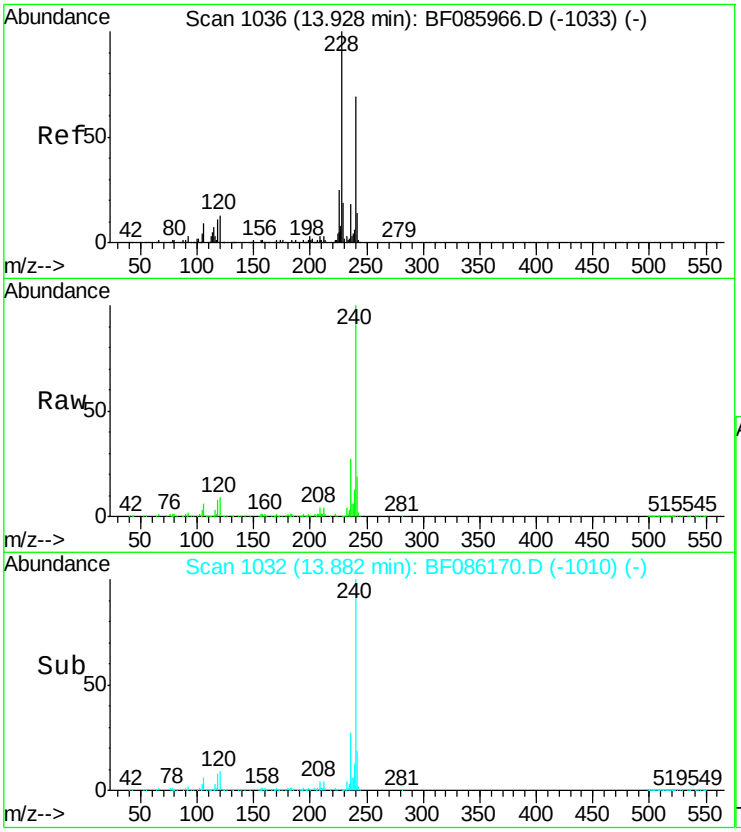


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Tgt Ion:188 Resp: 433268

Ion	Ratio	Lower	Upper
188	100		
94	11.9	5.4	8.0#
80	12.7	5.5	8.3#



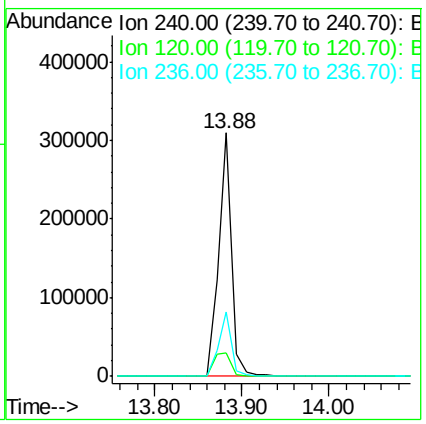


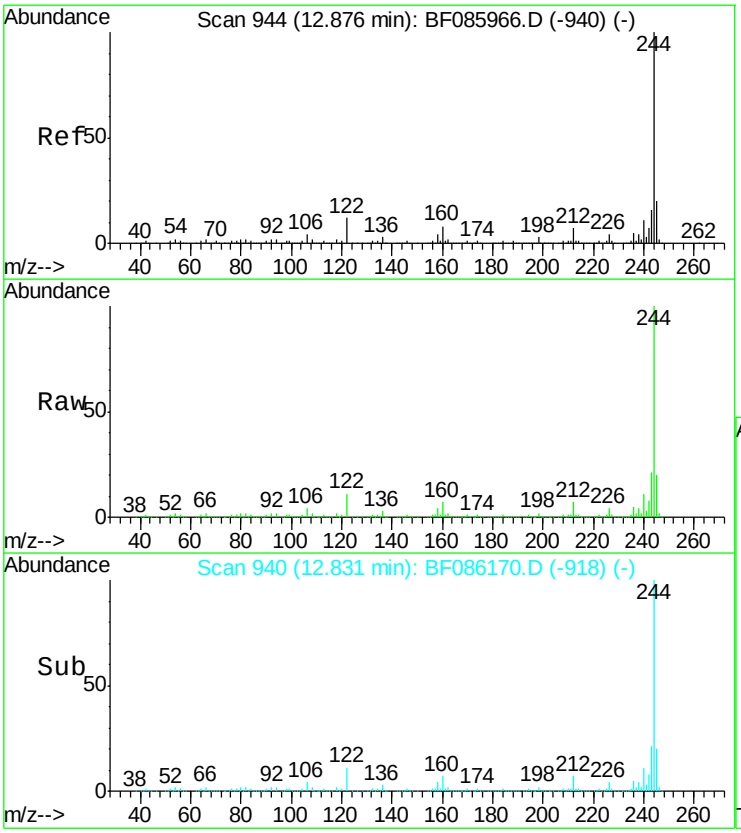
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB89669BL

Tgt Ion:240 Resp: 323857

Ion	Ratio	Lower	Upper
240	100		
120	9.4	13.8	20.8#
236	26.7	20.6	30.8

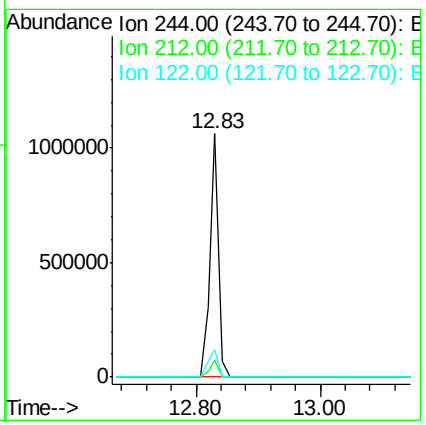


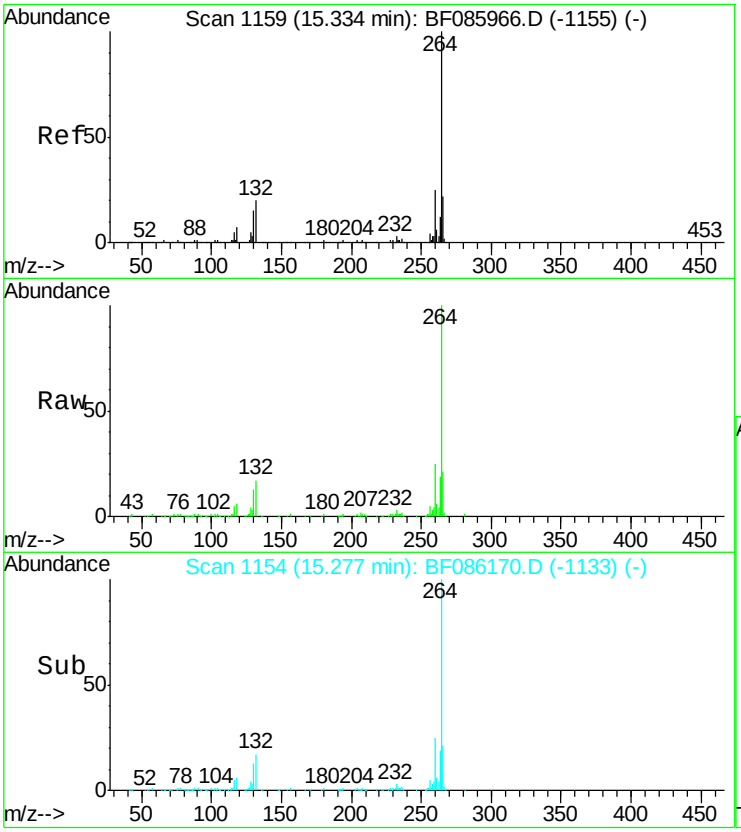


#78
Terphenyl-d14
Concen: 72.18 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Tgt Ion:244 Resp: 994491

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.4	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086170.D
Acq: 8 Apr 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB89669BL

Tgt Ion:264 Resp: 216050

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.1	17.2	25.8