Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
Data File : BF090398.D
Acq On : 5 Oct 2016 23:45
Operator : UM/SJ
Sample : H5061-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B003-45-50

Quant Time: Oct 06 01:14:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	258329	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1103050	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	567537	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	824395	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	643769	20.00	ng	-0.01
86) Perylene-d12	15.70	264	435094	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1814457	104.83	ng	0.01
7) Phenol-d6	6.62	99	2123557	93.67	ng	0.00
23) Nitrobenzene-d5	7.56	82	1324695	58.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	438784	95.08	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	1902975	55.87	ng	-0.01
78) Terphenyl-d14	13.14	244	2017131	70.44	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	185255	11.14	ng	# 67
49) Dimethylphthalate	9.77	163	816840	22.47	ng	97

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

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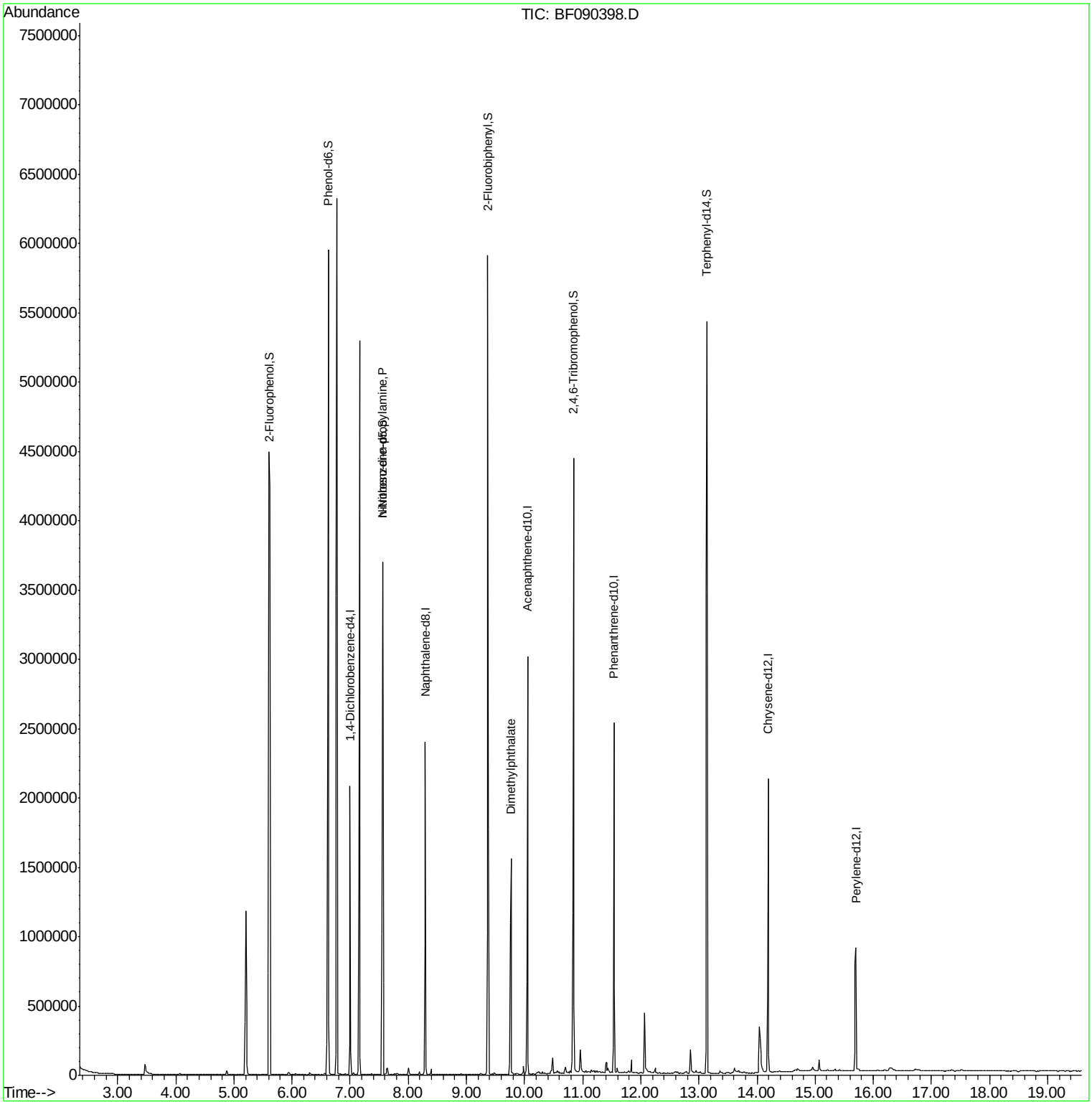
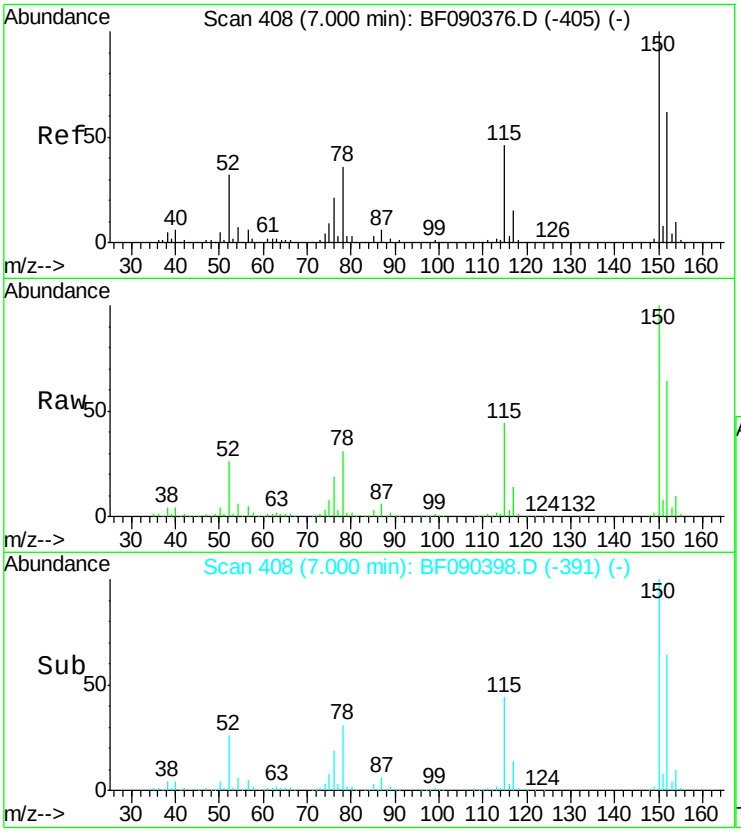


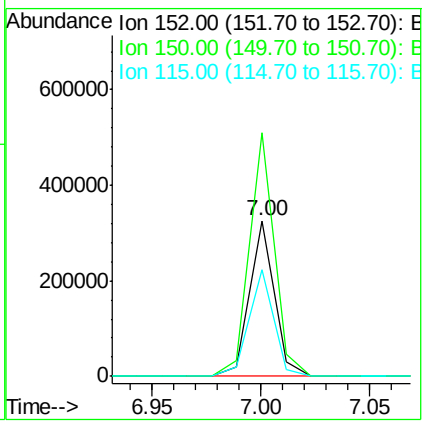


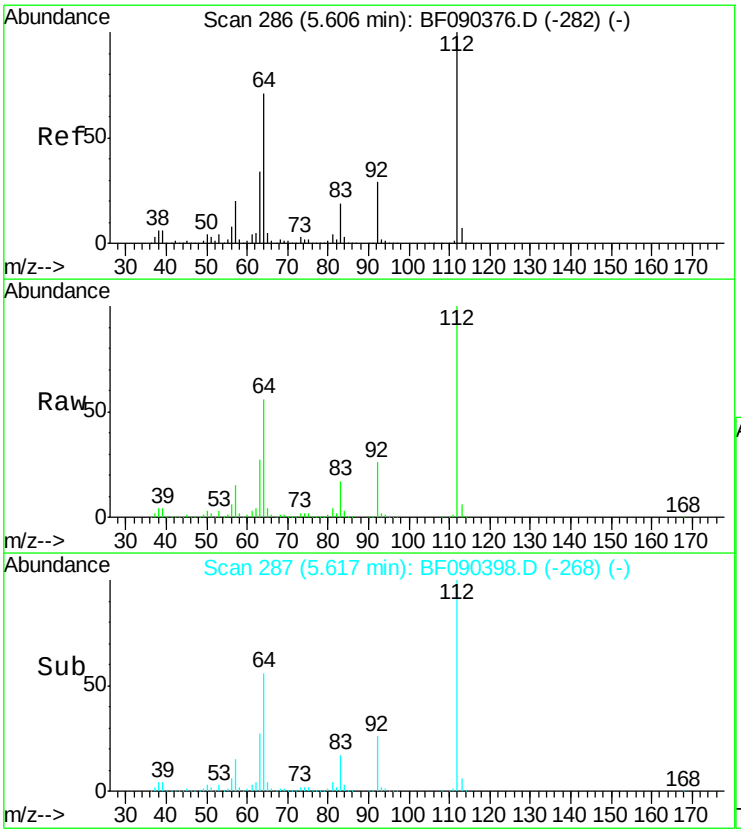
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SUP-B003-45-50

Tgt Ion:152 Resp: 258329

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	68.4	46.2	69.4

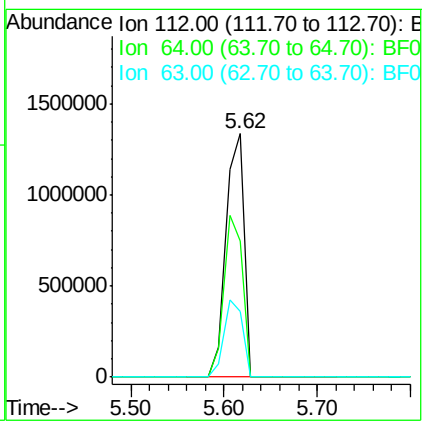


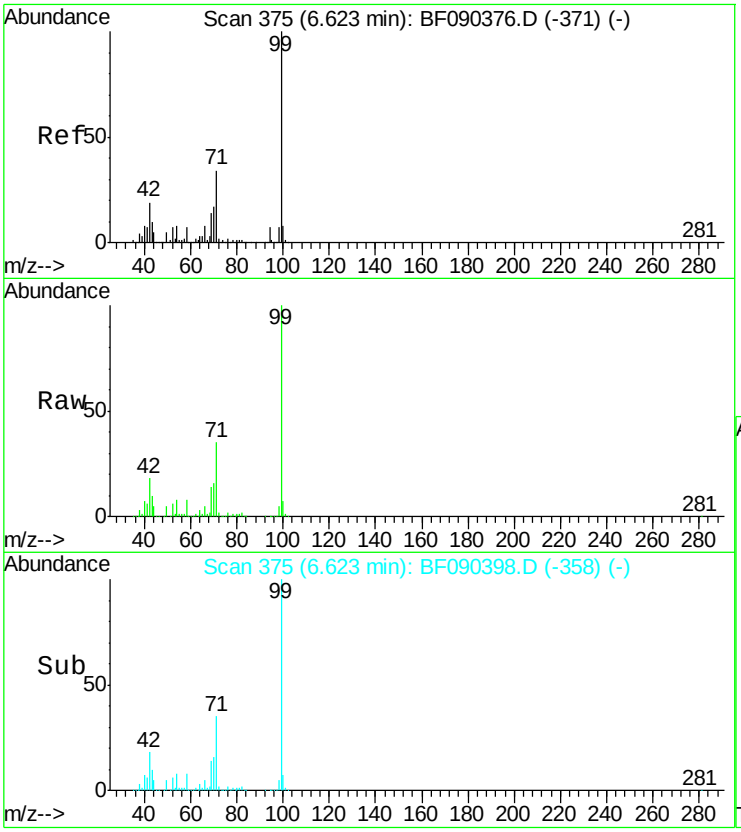


#5
2-Fluorophenol
Concen: 104.83 ng
RT: 5.62 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Tgt Ion:112 Resp: 1814457

Ion	Ratio	Lower	Upper
112	100		
64	56.2	57.9	86.9#
63	26.9	29.6	44.4#



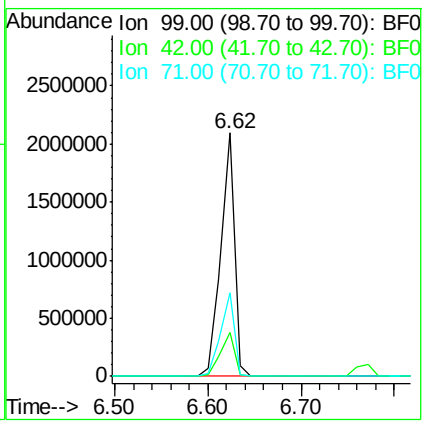


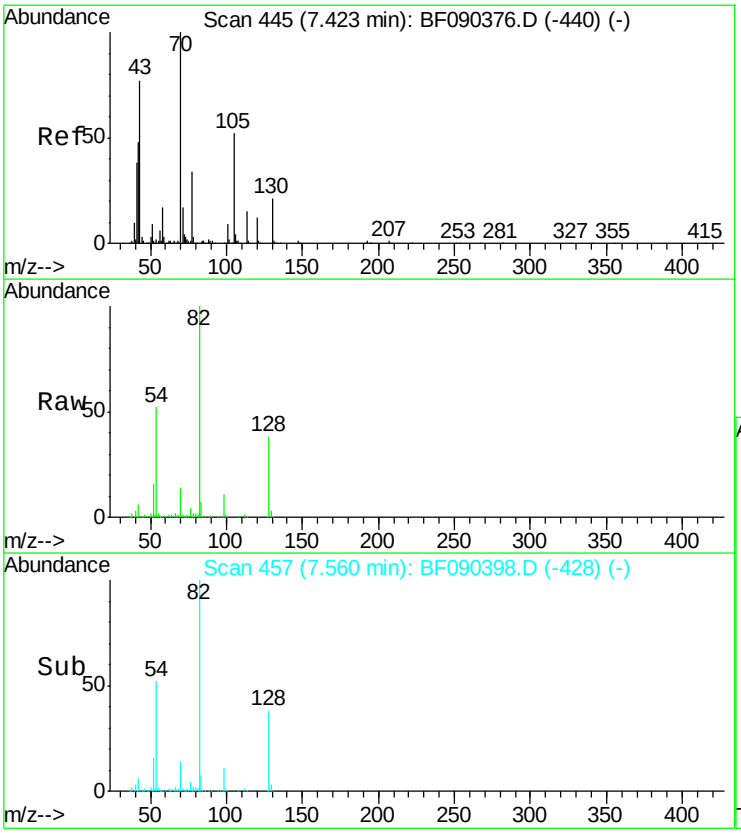
#7
Phenol-d6
Concen: 93.67 ng
RT: 6.62 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SUP-B003-45-50

Tgt Ion: 99 Resp: 2123557

Ion	Ratio	Lower	Upper
99	100		
42	18.0	20.0	30.0#
71	34.6	27.9	41.9

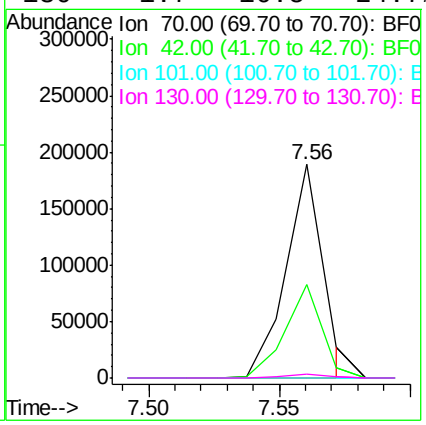


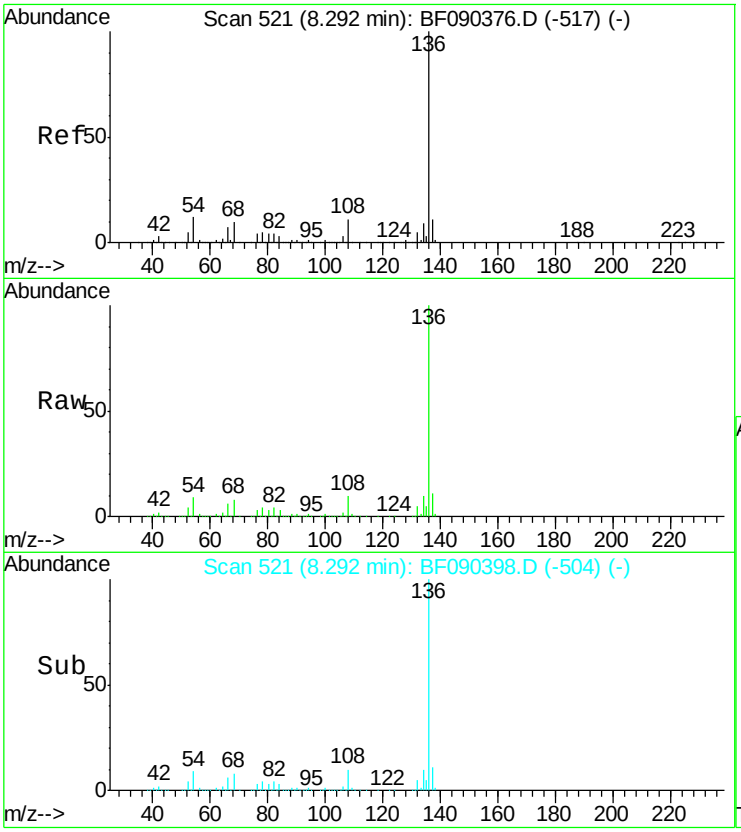


#19
n-Nitroso-di-n-propylamine
Concen: 11.14 ng
RT: 7.56 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Tgt Ion: 70 Resp: 185255

Ion	Ratio	Lower	Upper
70	100		
42	43.7	55.4	83.2#
101	0.0	7.6	11.4#
130	1.7	16.5	24.7#



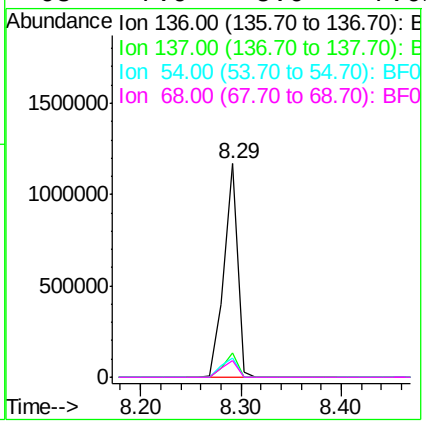


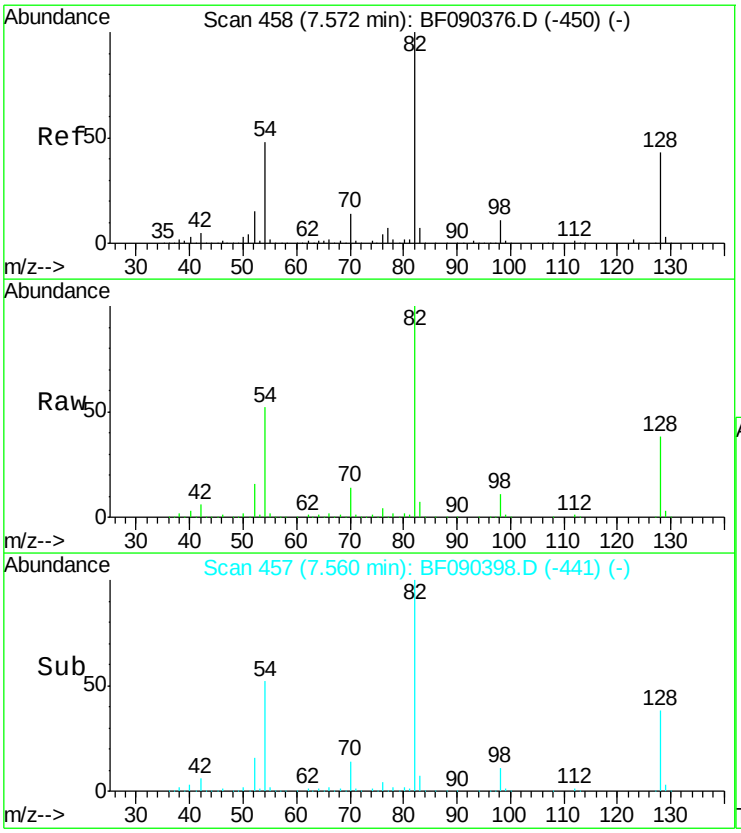
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SUP-B003-45-50

Tgt Ion:136 Resp: 1103050

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.1	6.6	10.0
68	7.9	5.0	7.6#

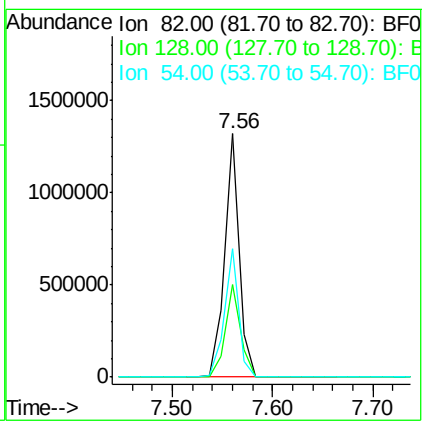


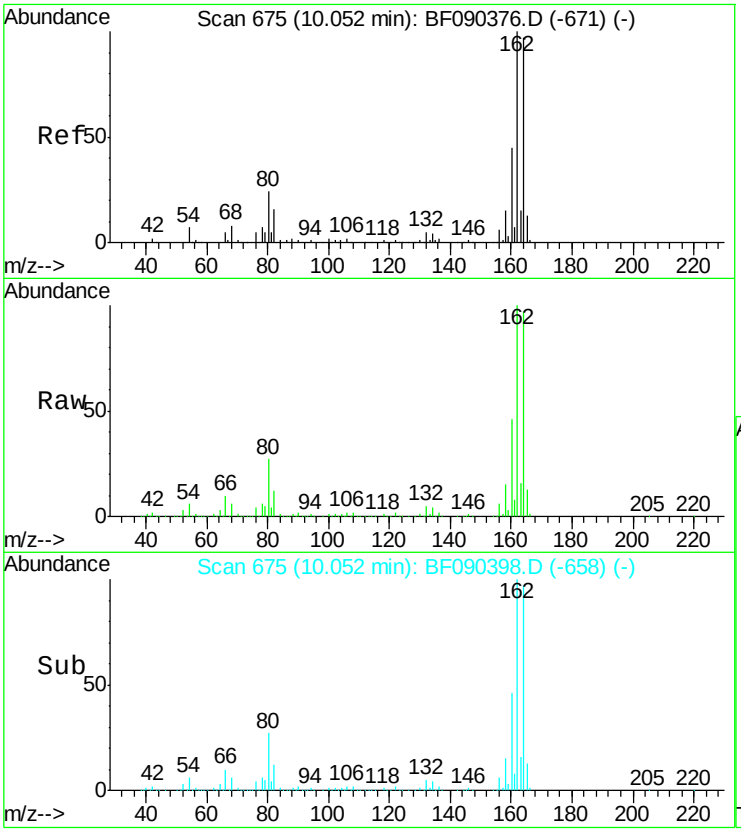


#23
Nitrobenzene-d5
Concen: 58.42 ng
RT: 7.56 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Tgt Ion: 82 Resp: 1324695

Ion	Ratio	Lower	Upper
82	100		
128	37.9	40.0	60.0#
54	52.5	42.6	64.0



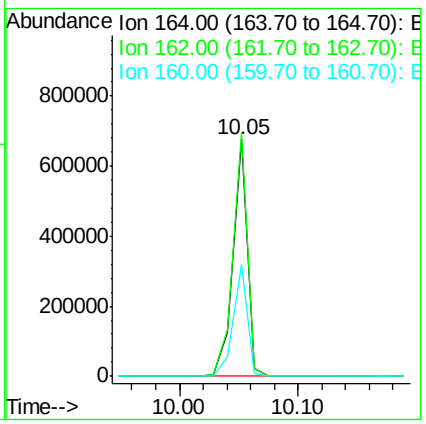


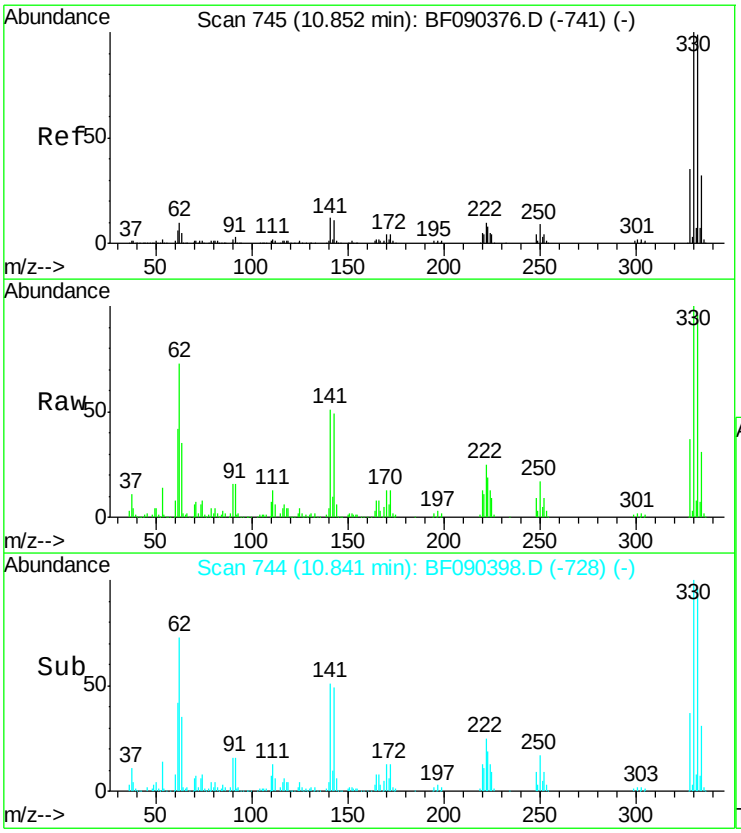
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SUP-B003-45-50

Tgt Ion:164 Resp: 567537

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.1	120.1
160	47.0	36.3	54.5

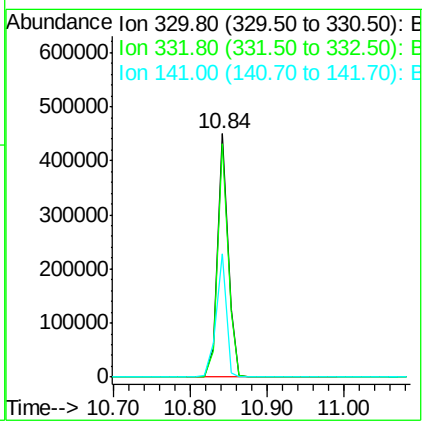


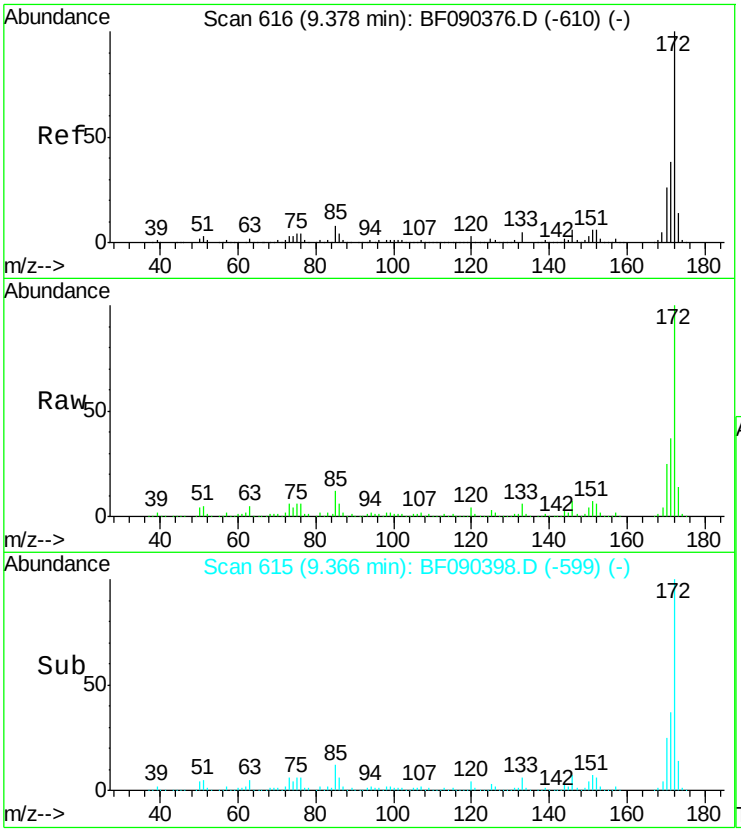


#41
2,4,6-Tribromophenol
Concen: 95.08 ng
RT: 10.84 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Tgt Ion:330 Resp: 438784

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.0
141	48.1	26.9	40.3#



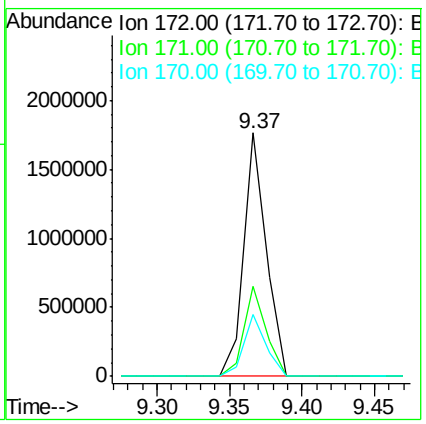


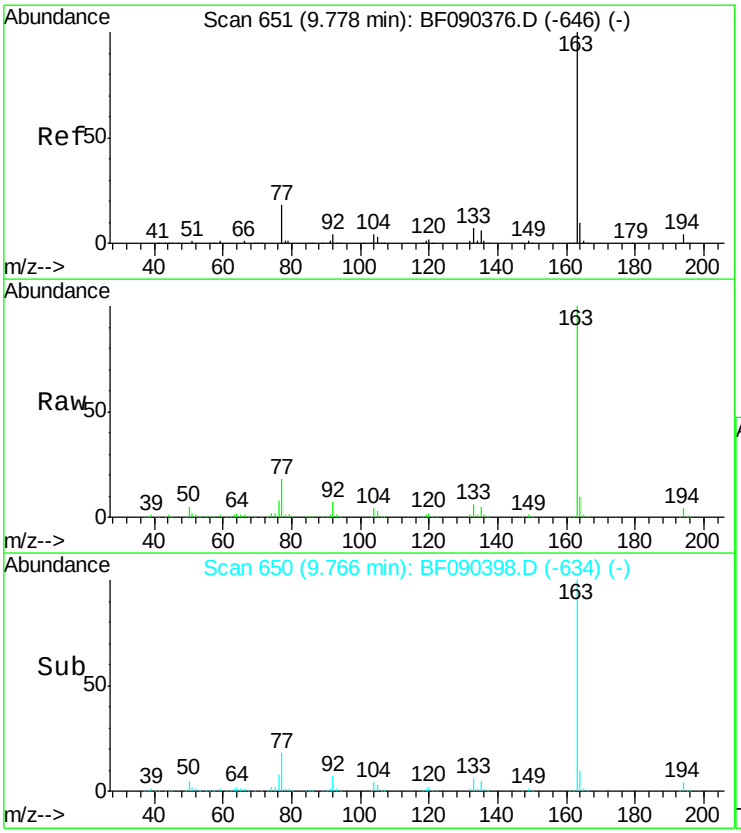
#44
2-Fluorobiphenyl
Concen: 55.87 ng
RT: 9.37 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SUP-B003-45-50

Tgt Ion:172 Resp: 1902975

Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.8	47.8
170	25.3	21.7	32.5

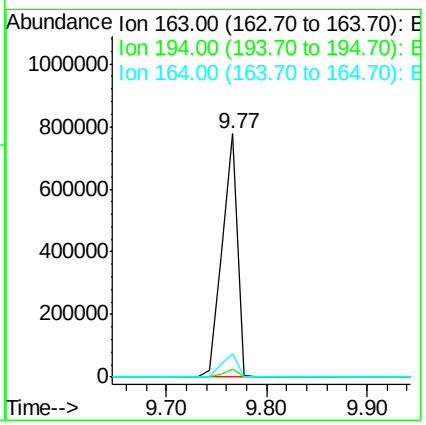


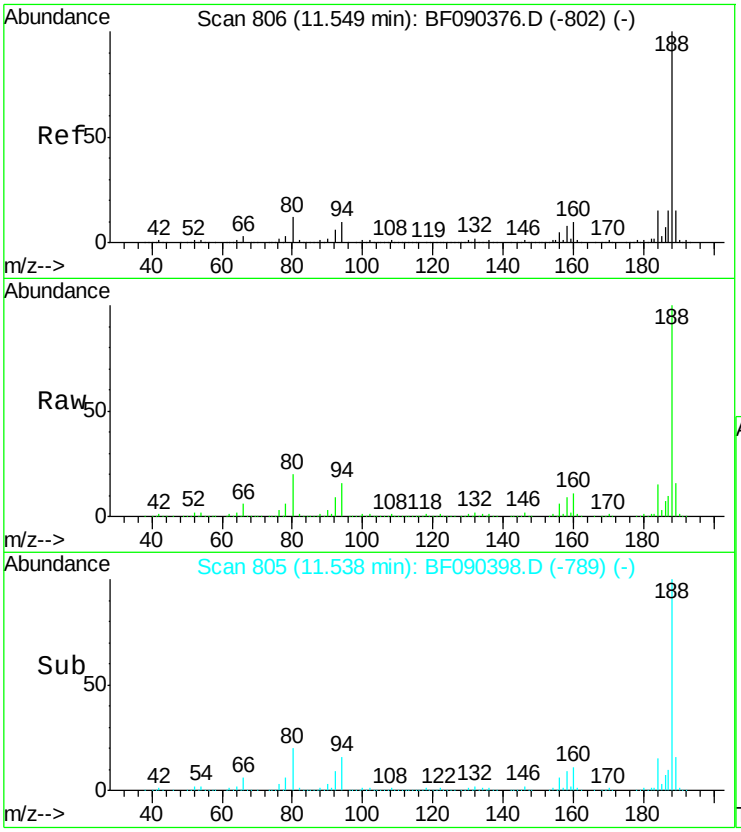


#49
Dimethylphthalate
Concen: 22.47 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Tgt Ion:163 Resp: 816840

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.8	9.0	13.4



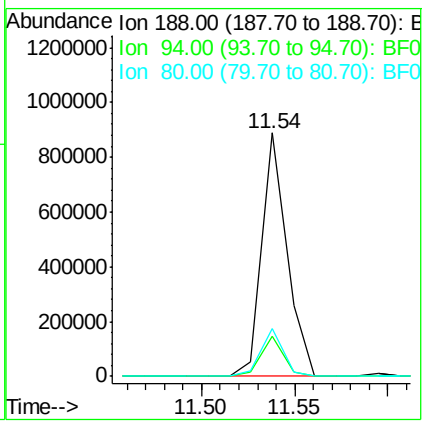


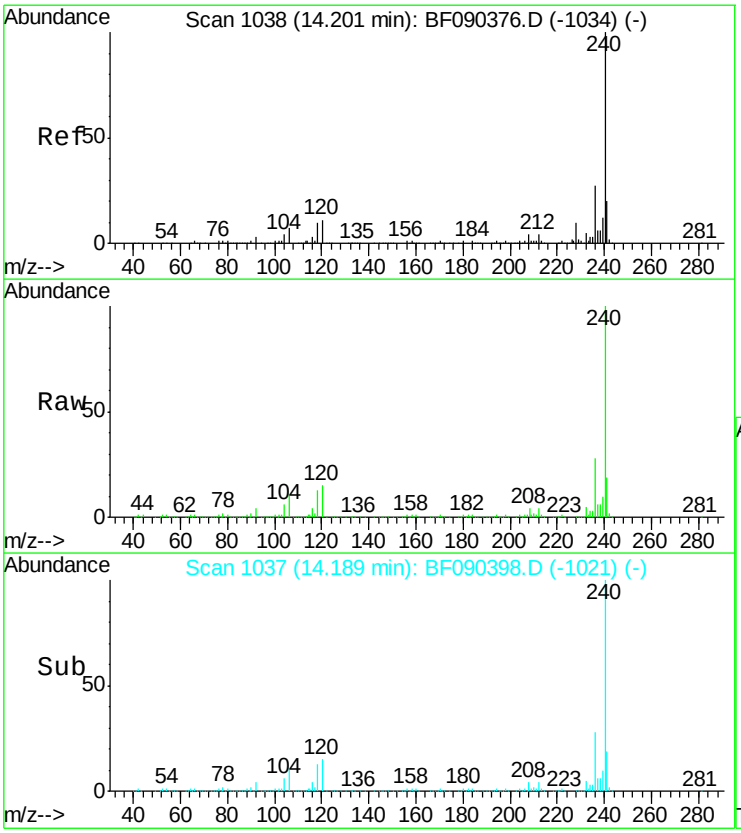
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SUP-B003-45-50

Tgt Ion:188 Resp: 824395

Ion	Ratio	Lower	Upper
188	100		
94	16.3	8.2	12.2#
80	19.8	8.8	13.2#

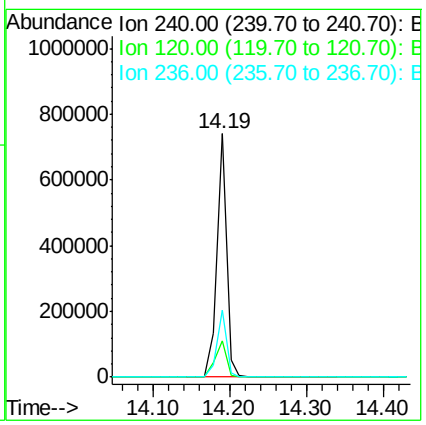


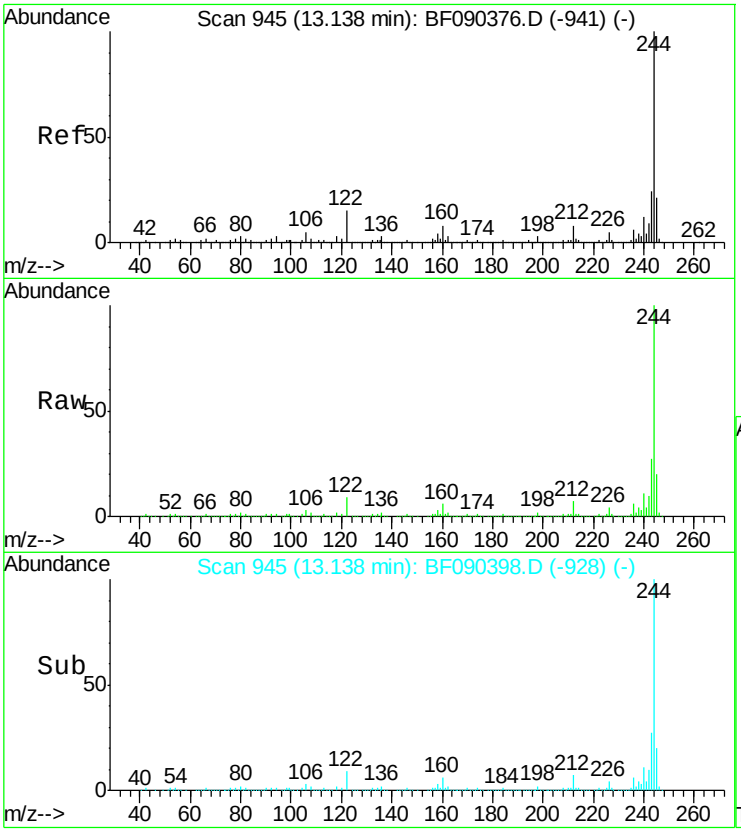


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Tgt Ion:240 Resp: 643769

Ion	Ratio	Lower	Upper
240	100		
120	14.8	8.6	13.0#
236	27.5	21.6	32.4



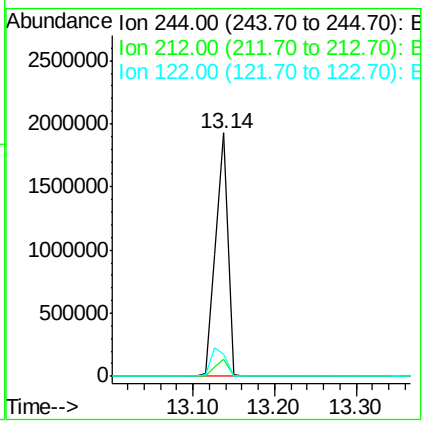


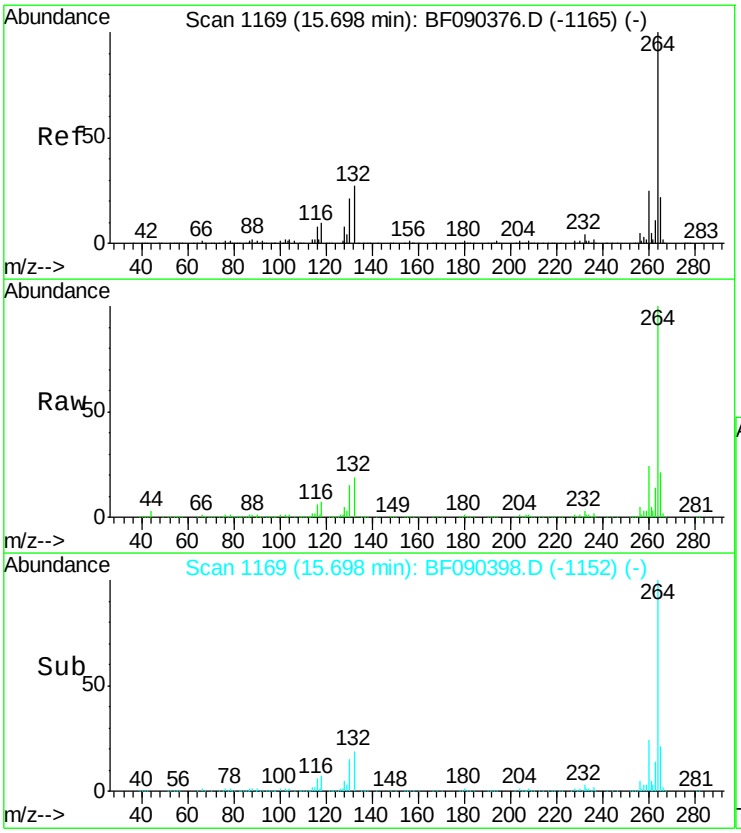
#78
Terphenyl-d14
Concen: 70.44 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SUP-B003-45-50

Tgt Ion:244 Resp: 2017131

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.8	10.2#
122	9.2	13.3	19.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090398.D
Acq: 5 Oct 2016 23:45

Tgt Ion:264 Resp: 435094

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.1	17.4	26.0