Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
Data File : BF090258.D
Acq On : 27 Sep 2016 18:10
Operator : UM/SJ
Sample : H4933-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-14.5-15-BGS

Quant Time: Sep 28 00:42:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	148649	20.00	ng	-0.01
21) Naphthalene-d8	7.76	136	612073	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	330492	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	585729	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	478555	20.00	ng	-0.02
86) Perylene-d12	14.90	264	399542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	1165875	127.84	ng	0.01
7) Phenol-d6	6.14	99	1591939	141.35	ng	0.00
23) Nitrobenzene-d5	7.04	82	825154	78.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	358214	126.34	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1538412	91.38	ng	-0.01
78) Terphenyl-d14	12.56	244	1316316	69.83	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.63	79	13743	2.05	ng	# 47
19) n-Nitroso-di-n-propylamine	7.04	70	94403	14.27	ng	# 80
49) Dimethylphthalate	9.24	163	802346	38.12	ng	100

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

Quantitation Report (Not Reviewed)

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Instrument :
BNA_F
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B2-14.5-15-BGS

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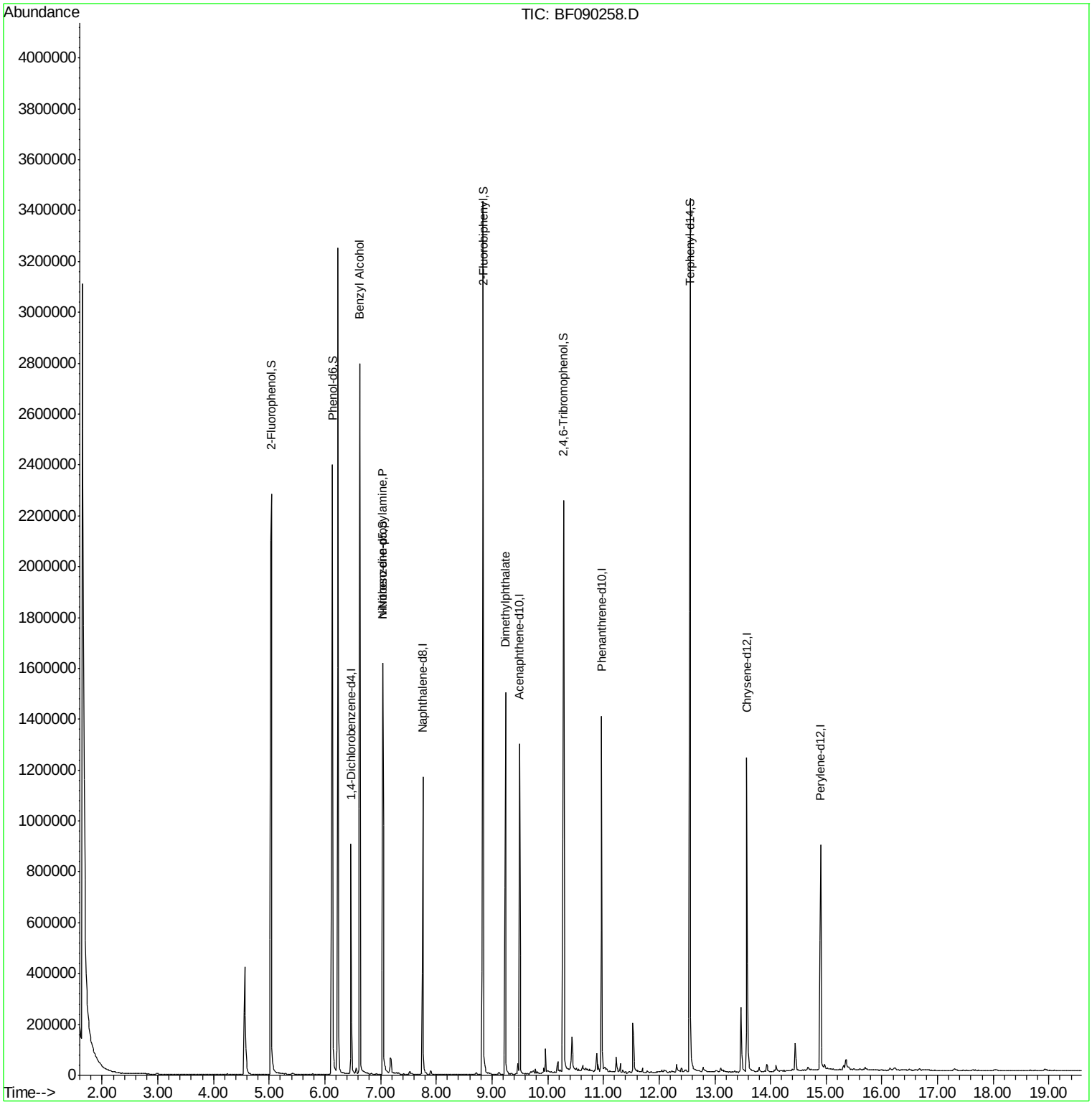
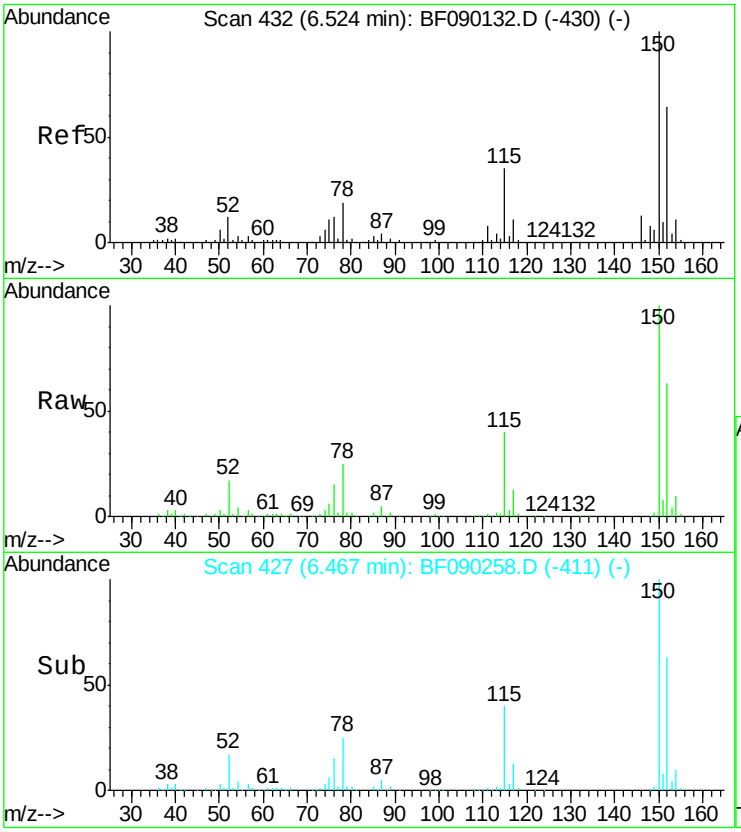


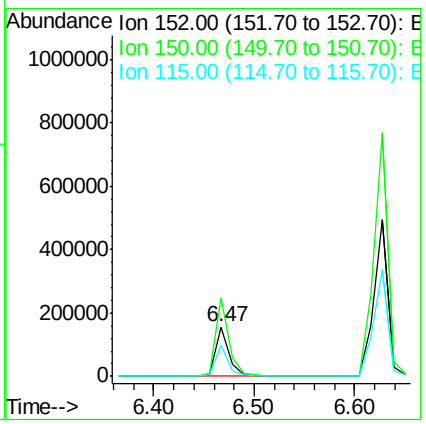


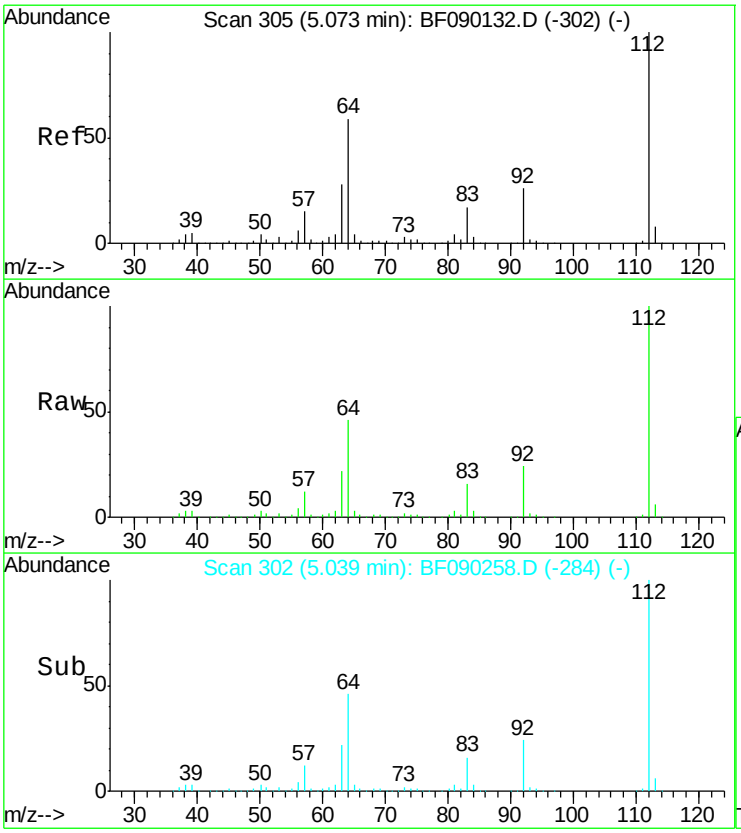
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Instrument :
BNA_F
ClientSampleId :
B2-14.5-15-BGS

Tgt Ion:152 Resp: 148649

Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.9	193.3
115	64.0	55.5	83.3

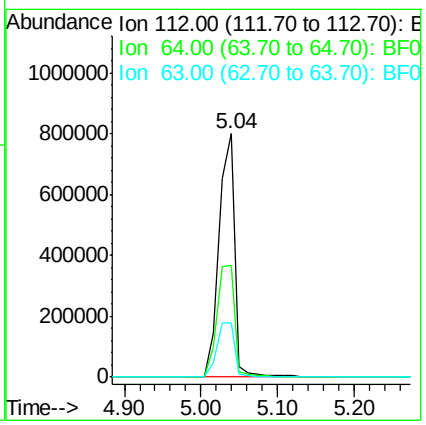


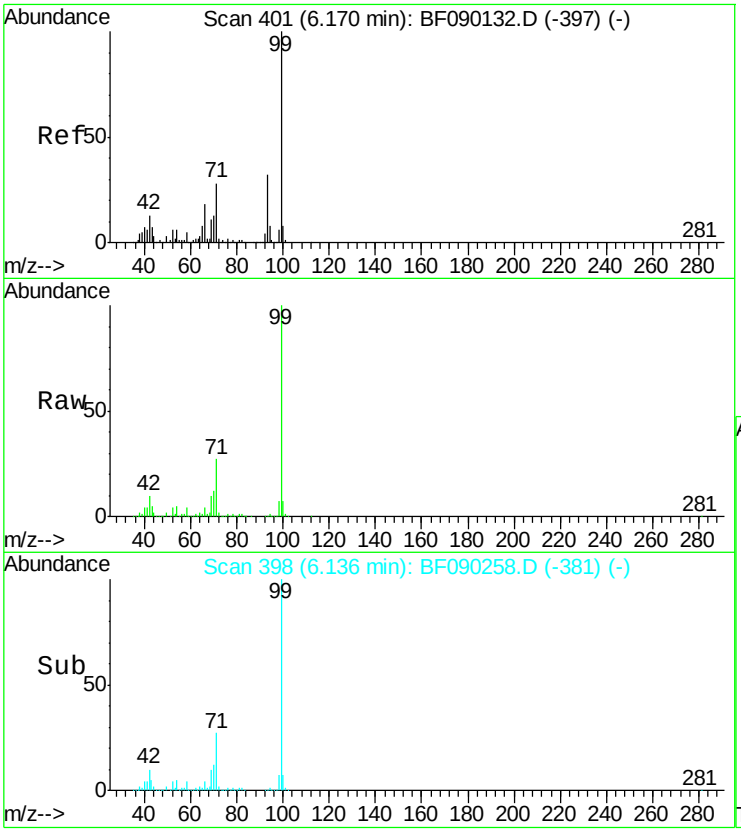


#5
2-Fluorophenol
Concen: 127.84 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Tgt Ion:112 Resp: 1165875

Ion	Ratio	Lower	Upper
112	100		
64	46.0	39.8	59.6
63	22.2	18.9	28.3



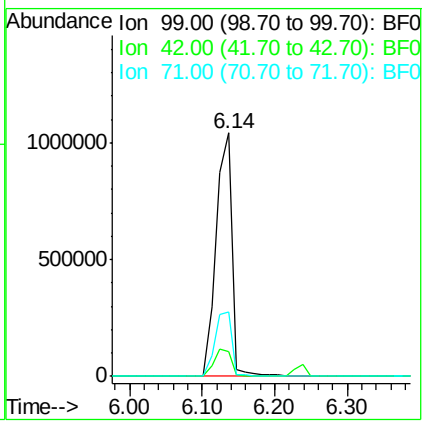


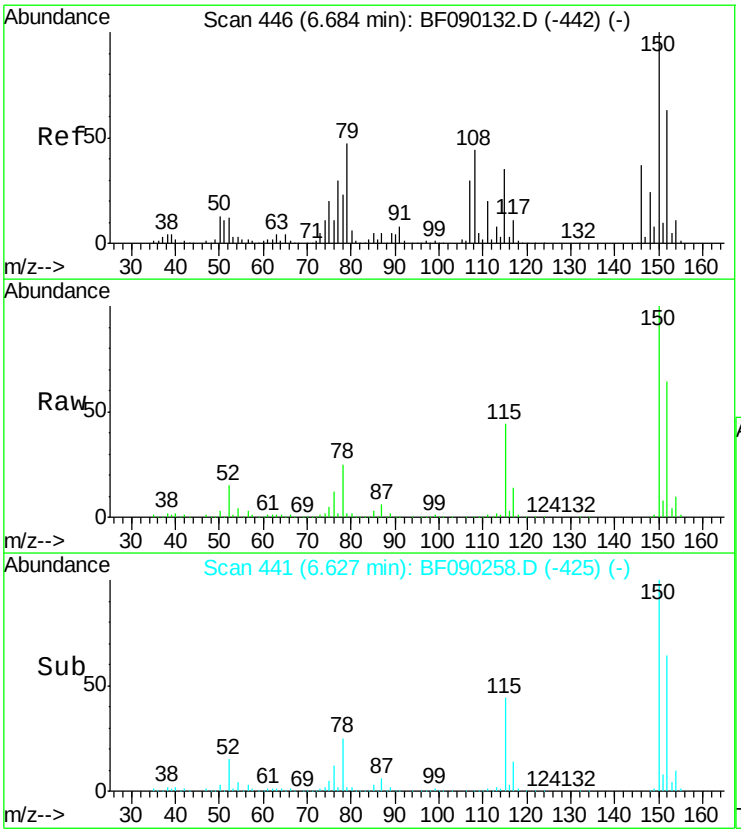
#7
Phenol-d6
Concen: 141.35 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Instrument :
BNA_F
ClientSampleId :
B2-14.5-15-BGS

Tgt Ion: 99 Resp: 1591939

Ion	Ratio	Lower	Upper
99	100		
42	10.0	10.6	15.8#
71	26.7	23.0	34.6

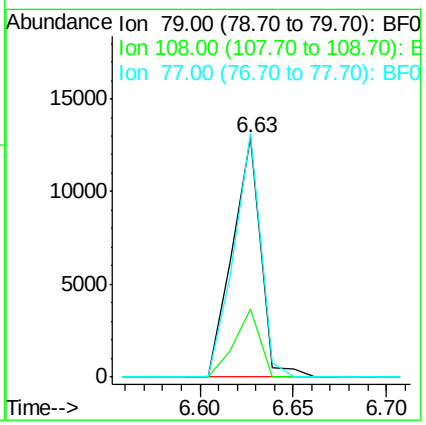


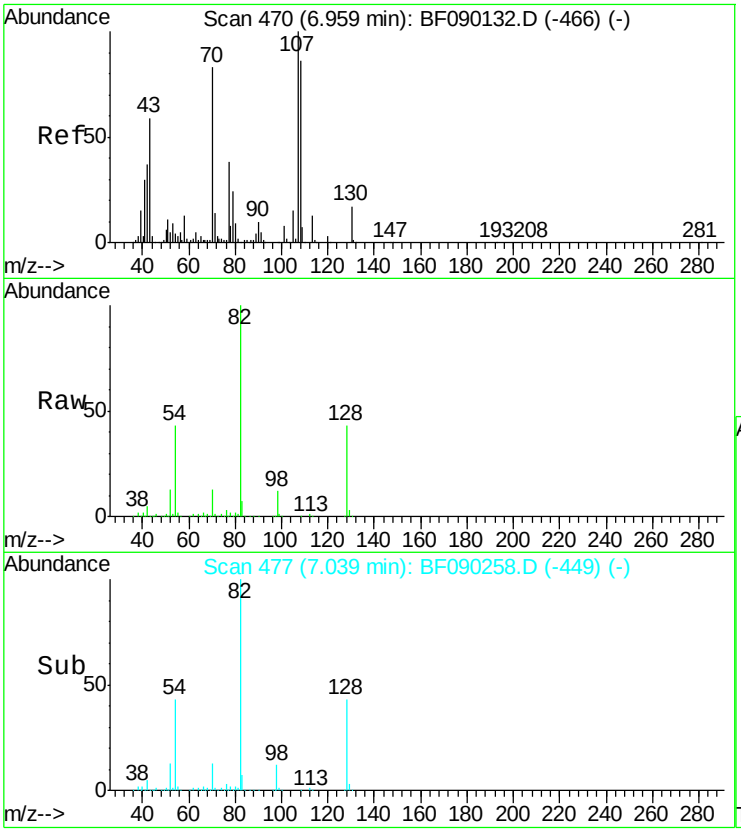


#15
Benzyl Alcohol
Concen: 2.05 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Tgt Ion: 79 Resp: 13743

Ion	Ratio	Lower	Upper
79	100		
108	28.6	62.2	93.4#
77	101.6	51.4	77.0#



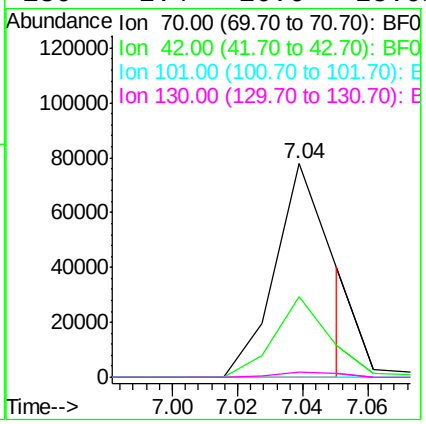


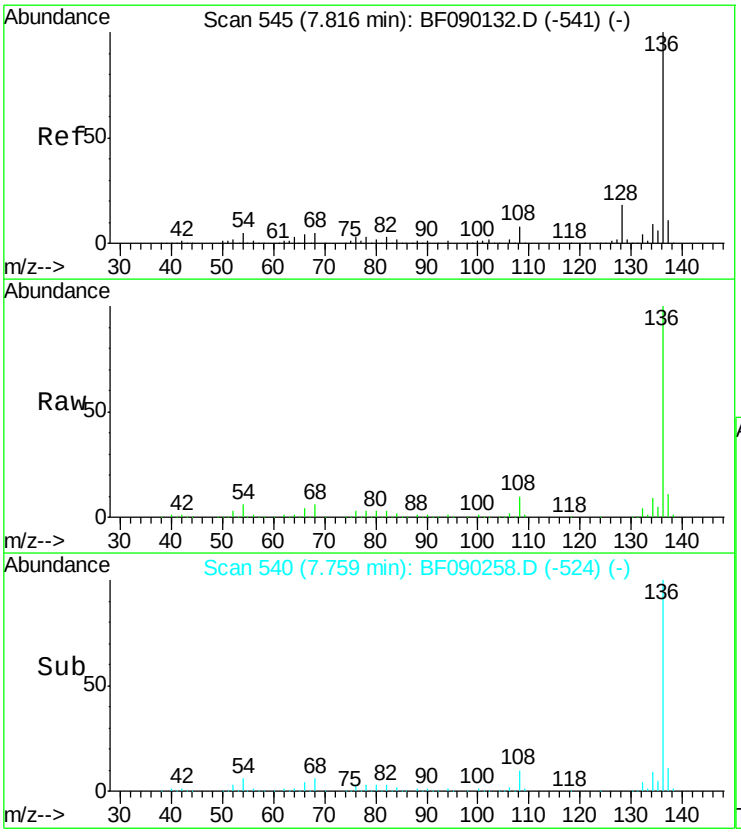
#19
n-Nitroso-di-n-propylamine
Concen: 14.27 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.13 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Instrument :
BNA_F
ClientSampleId :
B2-14.5-15-BGS

Tgt Ion: 70 Resp: 94403

Ion	Ratio	Lower	Upper
70	100		
42	37.8	35.1	52.7
101	0.0	7.5	11.3#
130	2.4	16.6	25.0#

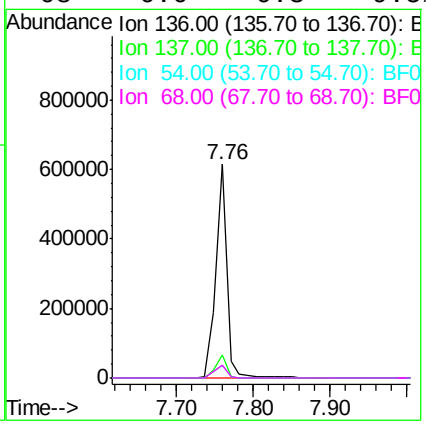


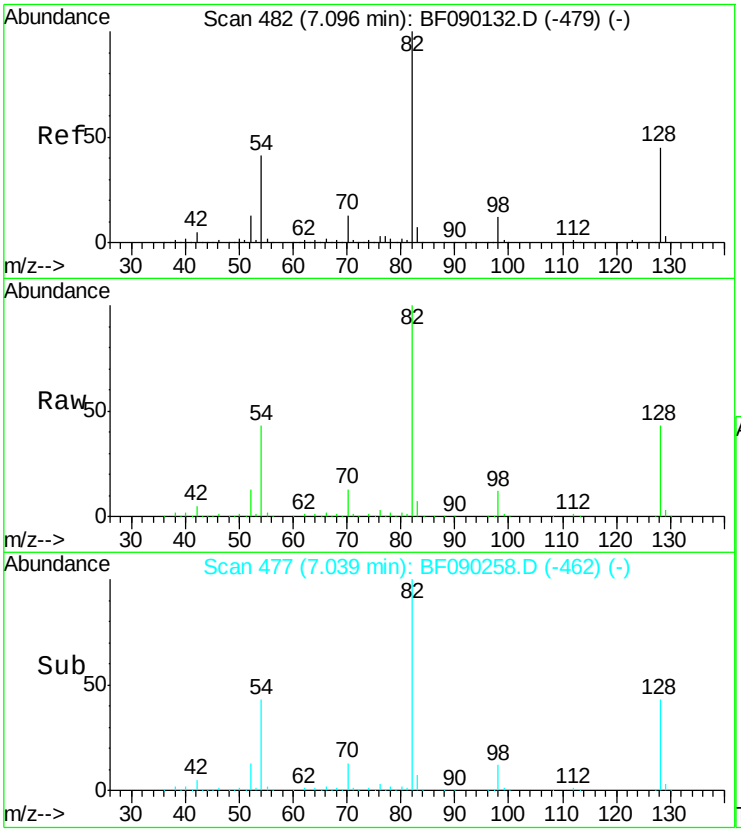


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Tgt Ion:136 Resp: 612073

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.1	6.4	9.6#
68	6.0	6.3	9.5#



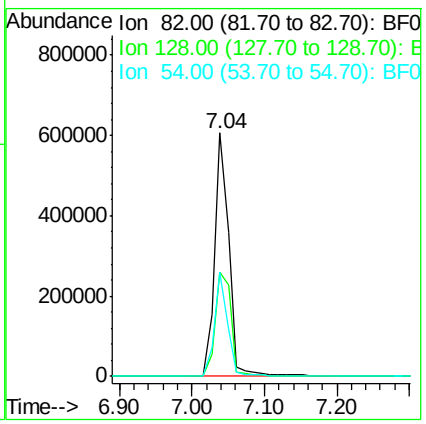


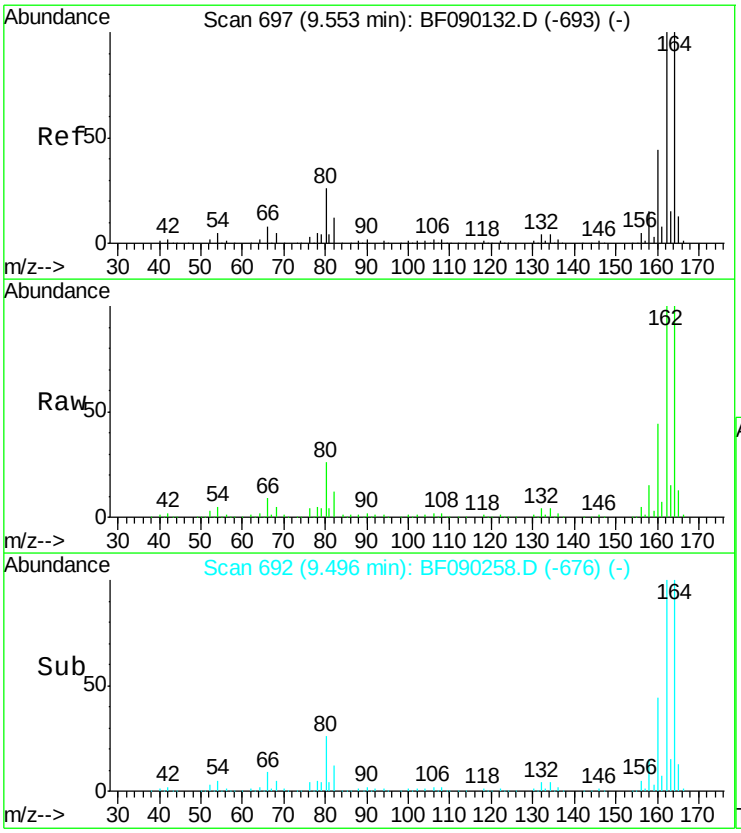
#23
Nitrobenzene-d5
Concen: 78.15 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Instrument :
BNA_F
ClientSampleId :
B2-14.5-15-BGS

Tgt Ion: 82 Resp: 825154

Ion	Ratio	Lower	Upper
82	100		
128	42.9	37.5	56.3
54	42.7	31.9	47.9

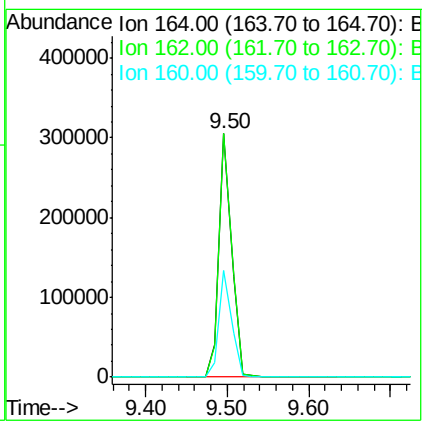


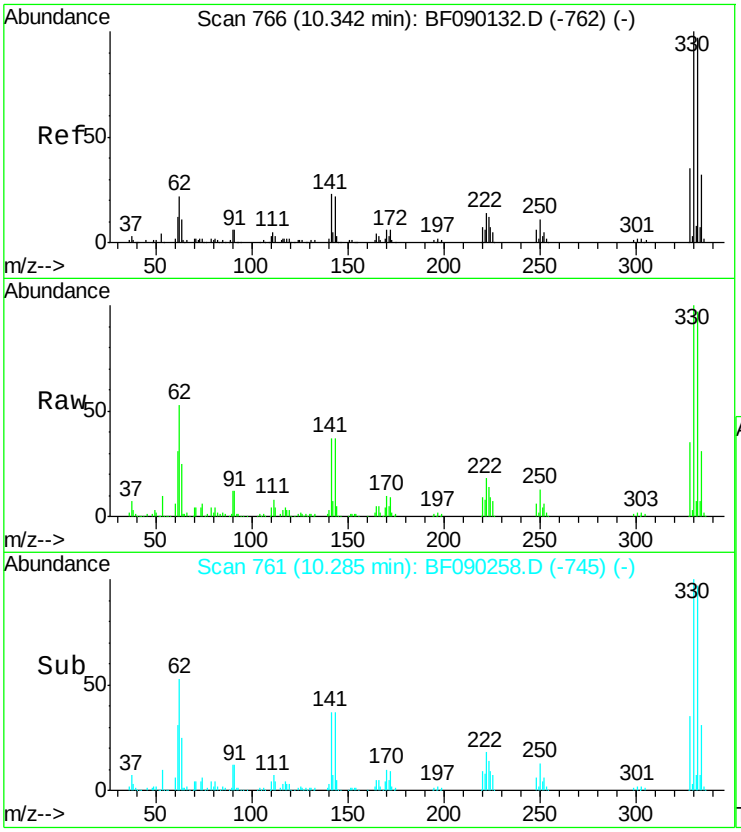


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Tgt Ion:164 Resp: 330492

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.4	122.2
160	44.0	36.6	54.8



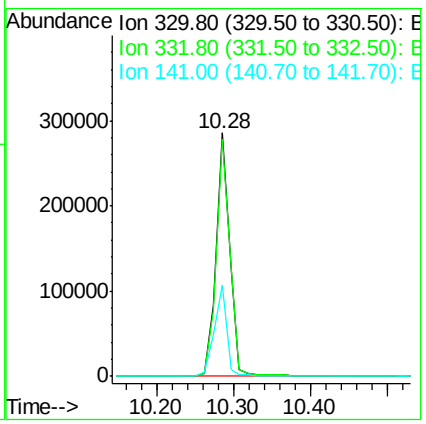


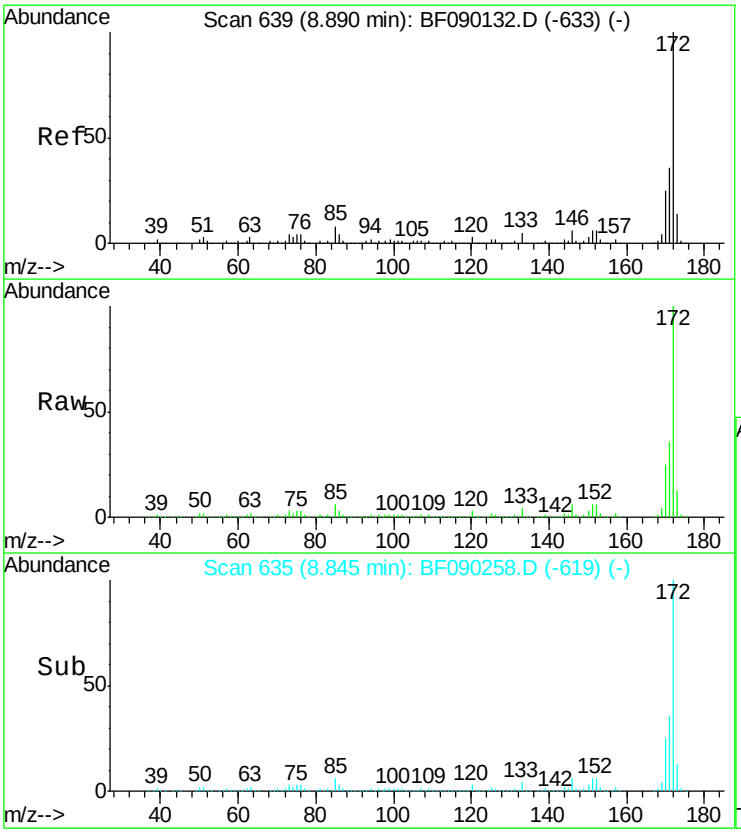
#41
2,4,6-Tribromophenol
Concen: 126.34 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Instrument :
BNA_F
ClientSampleId :
B2-14.5-15-BGS

Tgt Ion:330 Resp: 358214

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	33.6	23.9	35.9

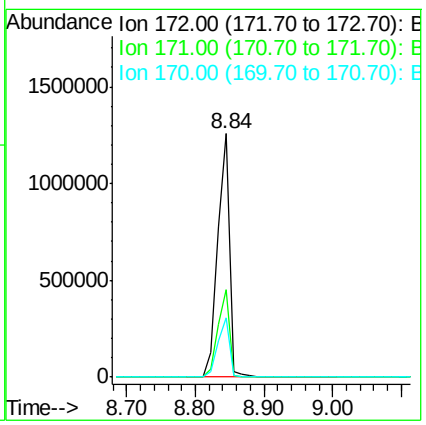


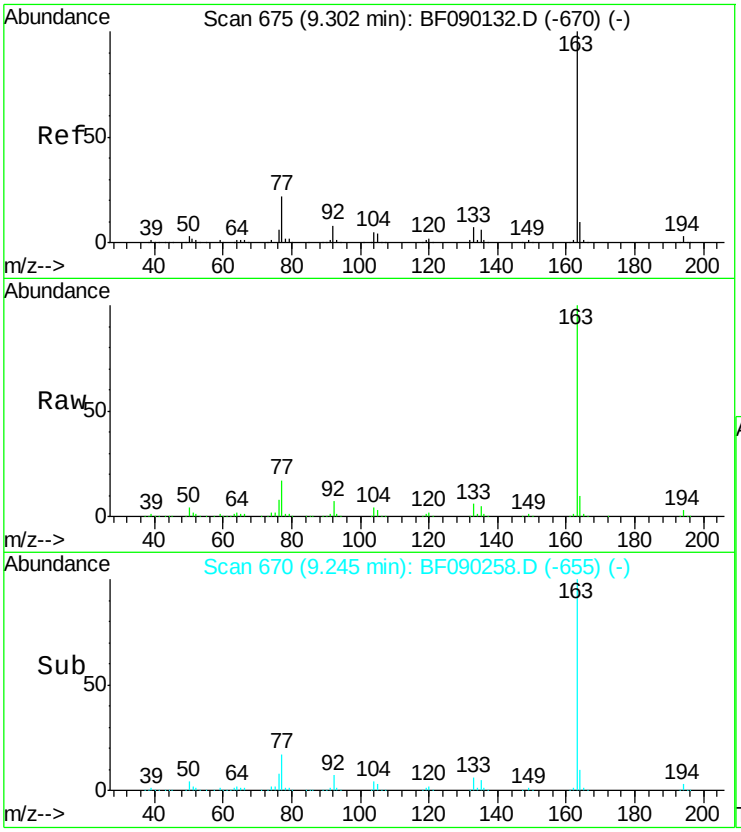


#44
2-Fluorobiphenyl
Concen: 91.38 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Tgt Ion:172 Resp: 1538412

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.5	19.8	29.8



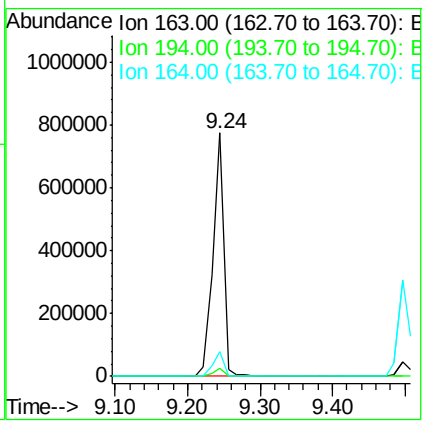


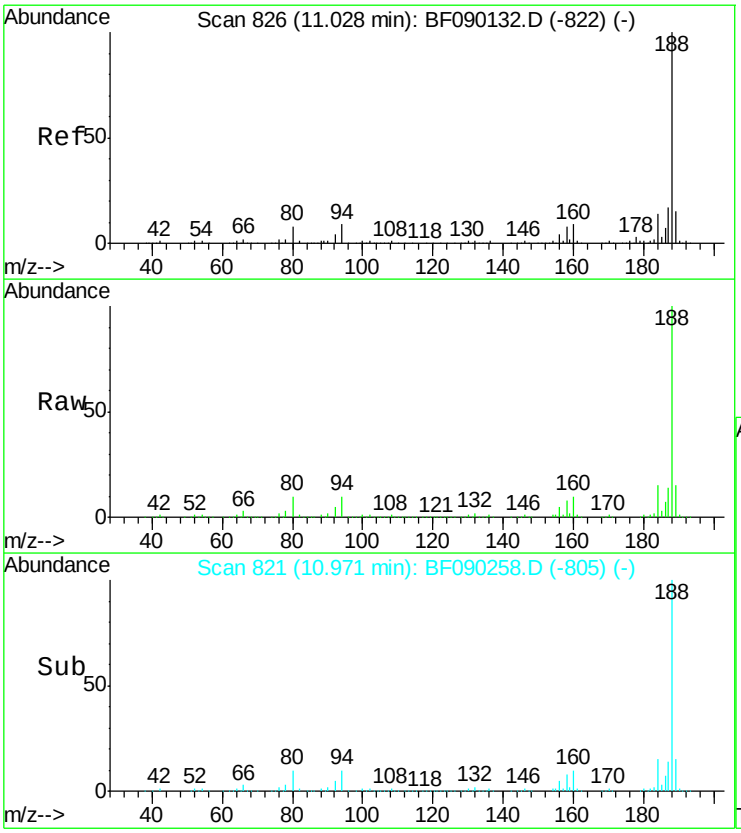
#49
Dimethylphthalate
Concen: 38.12 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Instrument :
BNA_F
ClientSampleId :
B2-14.5-15-BGS

Tgt Ion:163 Resp: 802346

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.2	8.1	12.1

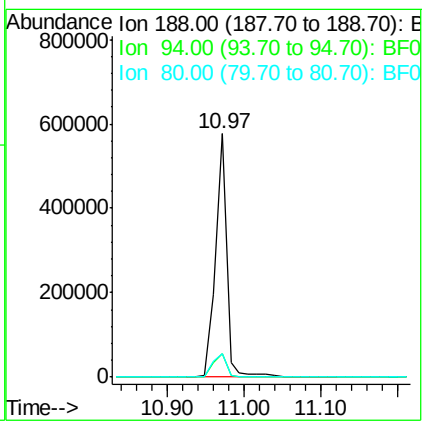


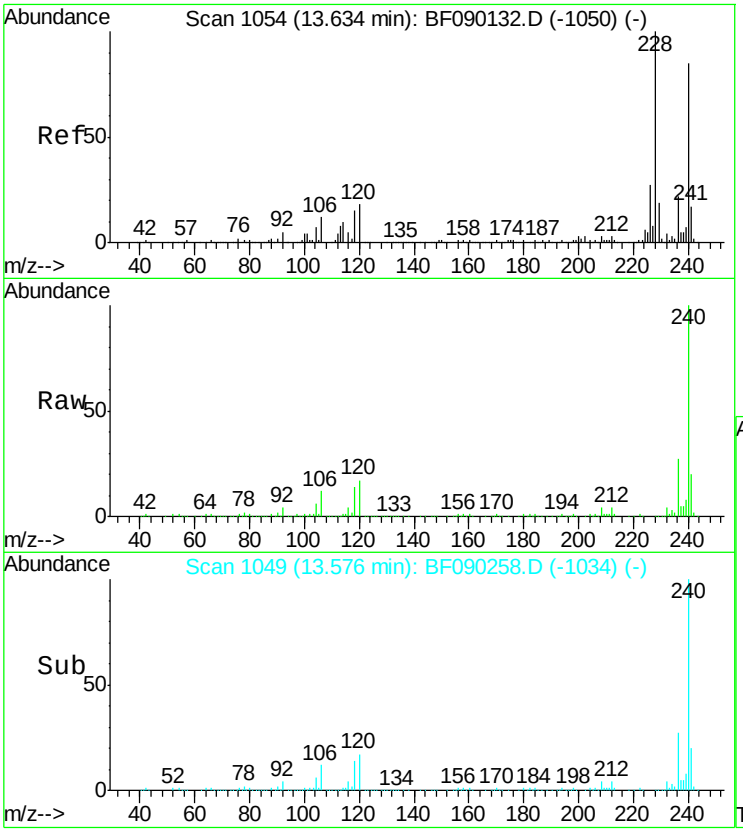


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Tgt Ion:188 Resp: 585729

Ion	Ratio	Lower	Upper
188	100		
94	9.8	10.5	15.7#
80	9.8	11.2	16.8#



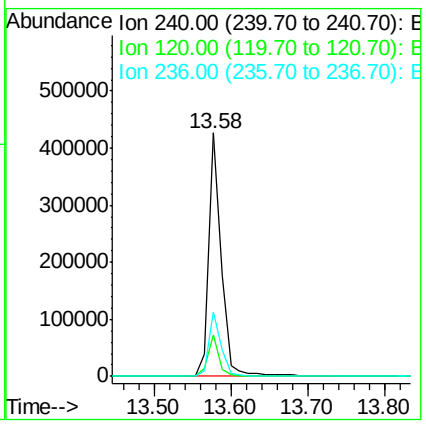


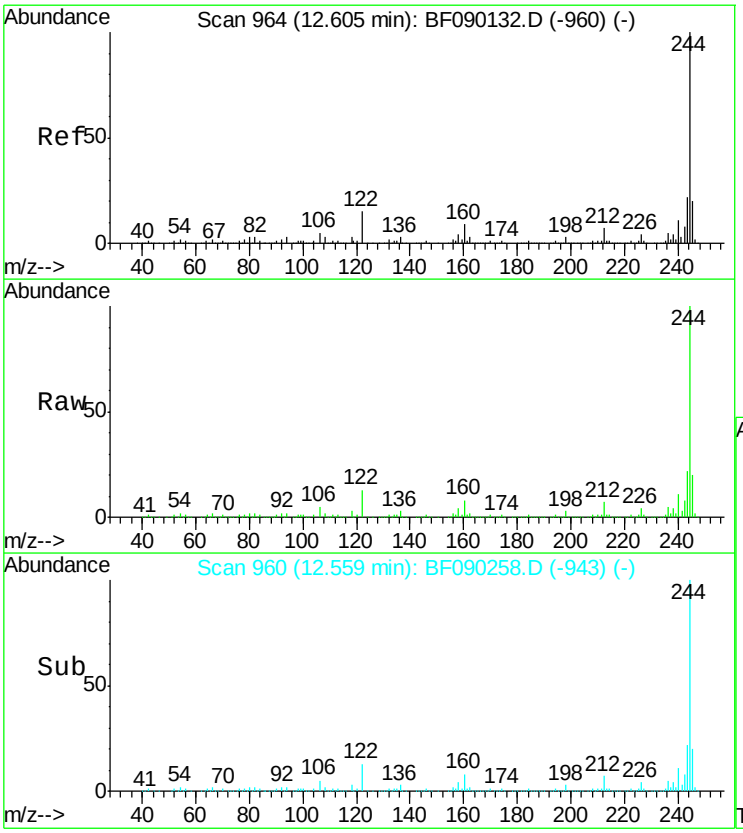
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Instrument :
BNA_F
ClientSampleId :
B2-14.5-15-BGS

Tgt Ion:240 Resp: 478555

Ion	Ratio	Lower	Upper
240	100		
120	17.1	10.6	16.0#
236	26.7	21.6	32.4

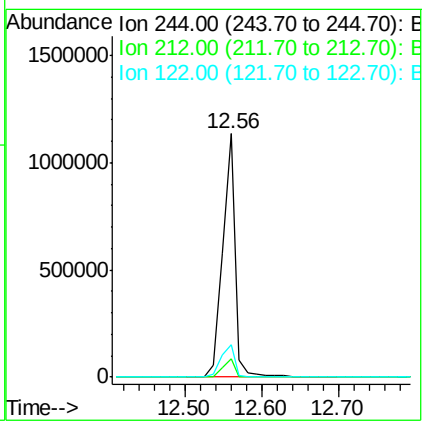


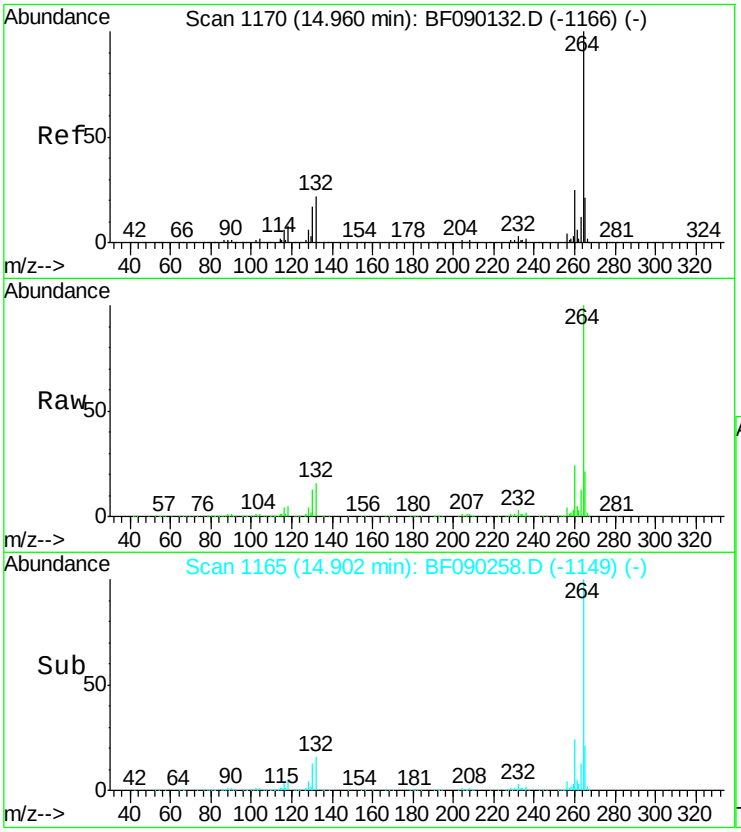


#78
Terphenyl-d14
Concen: 69.83 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Tgt Ion:244 Resp: 1316316

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.4	9.4	14.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Instrument :
BNA_F
ClientSampleId :
B2-14.5-15-BGS

Tgt Ion:264 Resp: 399542

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.1	17.0	25.4