Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090301.D
Acq On : 29 Sep 2016 20:38
Operator : UM/SJ
Sample : H4998-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B044-6-9

Quant Time: Sep 30 00:59:22 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	6.46	152	117383	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	441885	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	226288	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	291833	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	221272	20.00	ng	-0.02
86) Perylene-d12	14.90	264	176835	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	757521	105.19	ng	-0.01
7) Phenol-d6	6.12	99	955905	107.48	ng	-0.01
23) Nitrobenzene-d5	7.04	82	611558	80.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	171261	88.22	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	836880	72.60	ng	-0.02
78) Terphenyl-d14	12.55	244	525548	60.30	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.14	94	22456	2.14	ng	# 72
49) Dimethylphthalate	9.23	163	541834	37.59	ng	98

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

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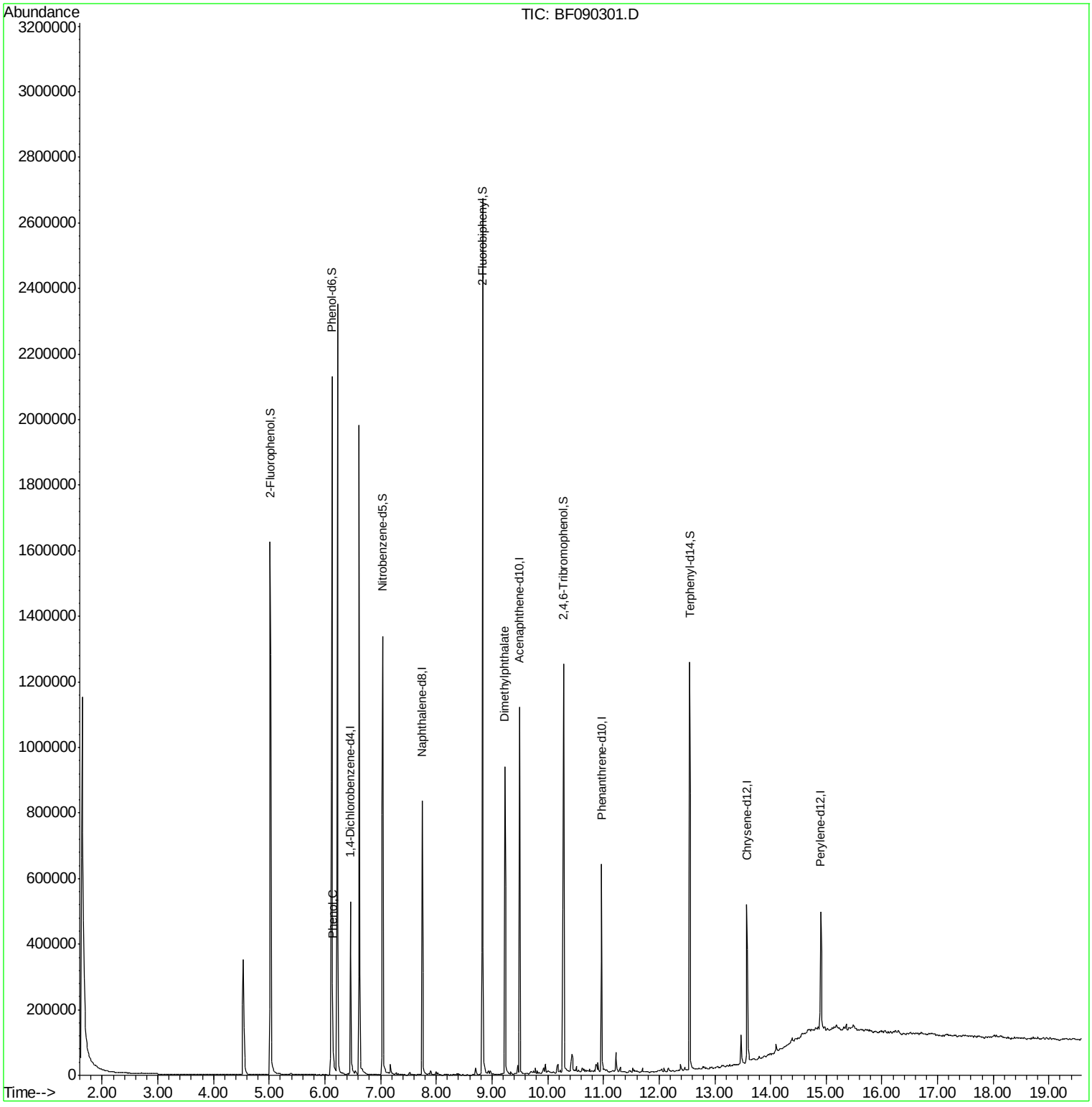
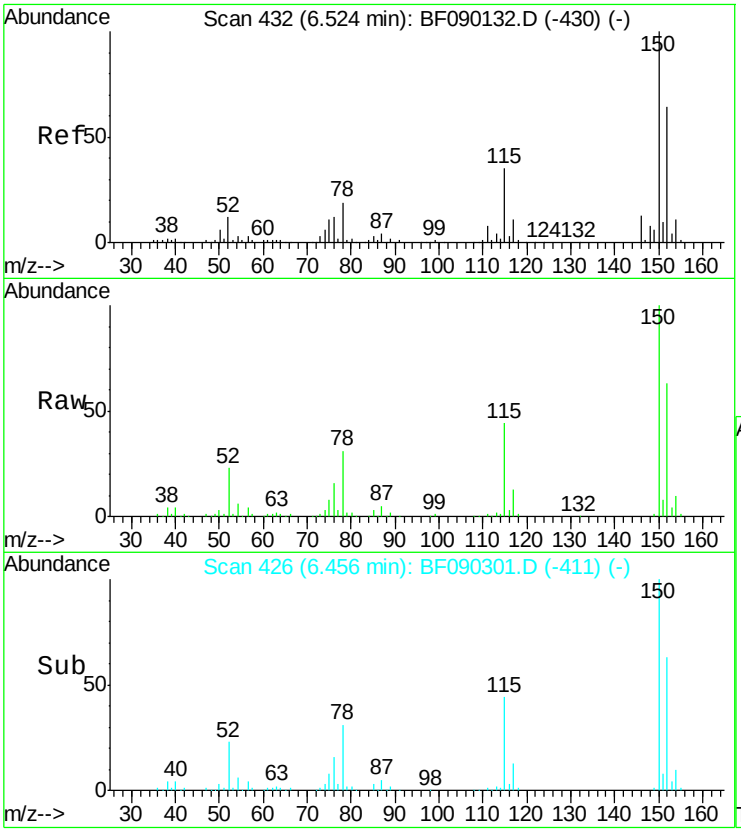


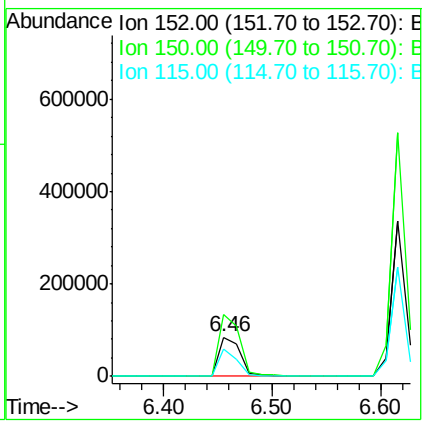


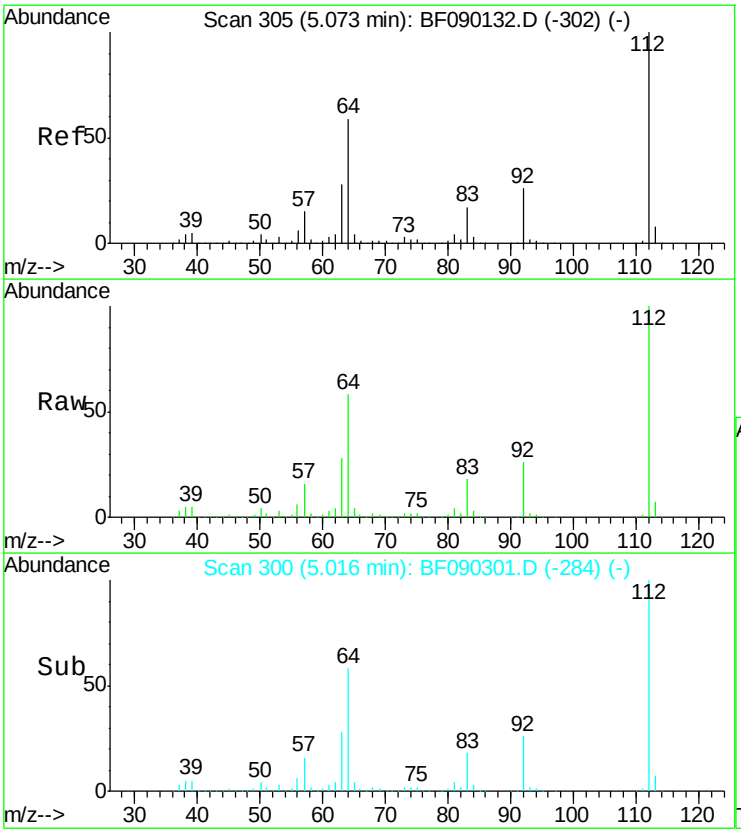
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_F
ClientSampleId :
SUP-B044-6-9

Tgt Ion:152 Resp: 117383

Ion	Ratio	Lower	Upper
152	100		
150	159.0	128.9	193.3
115	69.4	55.5	83.3

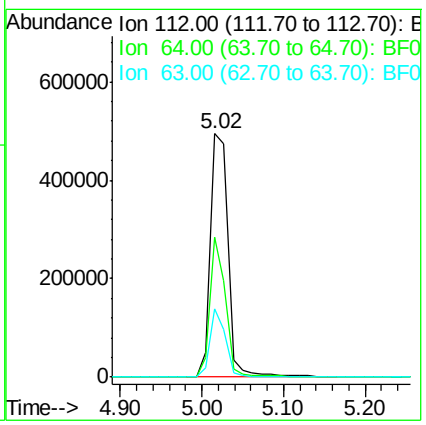


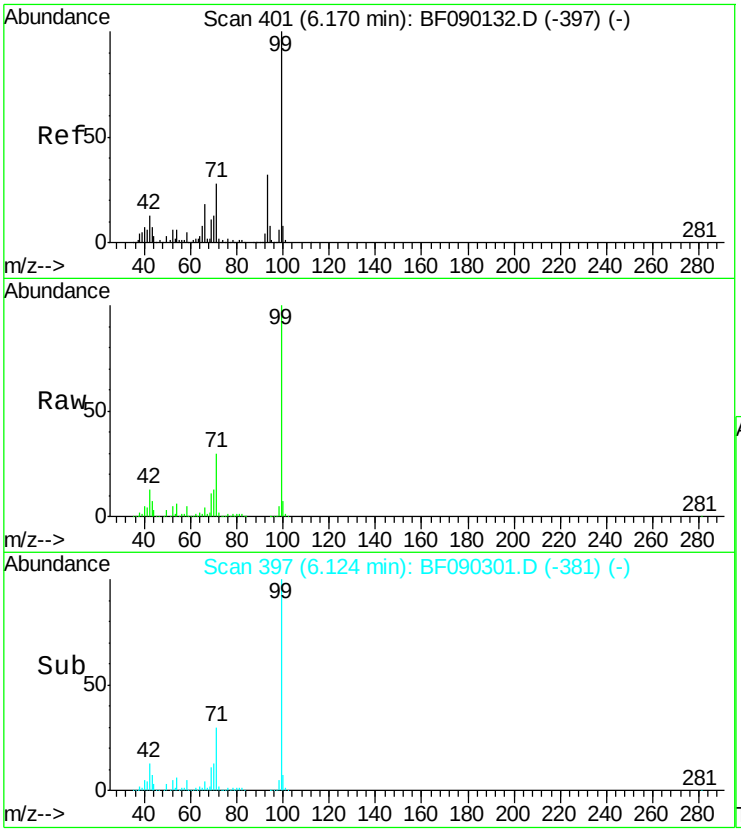


#5
2-Fluorophenol
Concen: 105.19 ng
RT: 5.02 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Tgt Ion:112 Resp: 757521

Ion	Ratio	Lower	Upper
112	100		
64	57.5	39.8	59.6
63	28.1	18.9	28.3



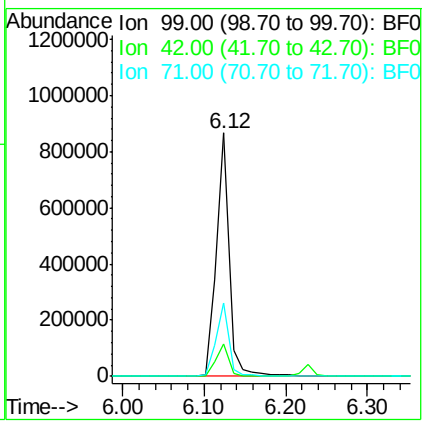


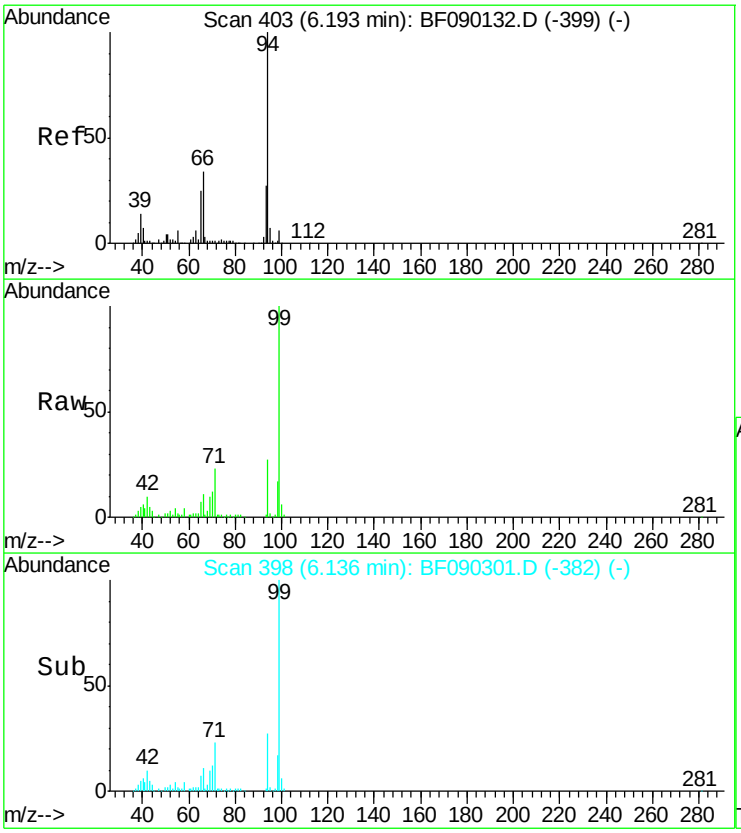
#7
Phenol-d6
Concen: 107.48 ng
RT: 6.12 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_F
ClientSampleId :
SUP-B044-6-9

Tgt Ion: 99 Resp: 955905

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.6	15.8
71	30.3	23.0	34.6

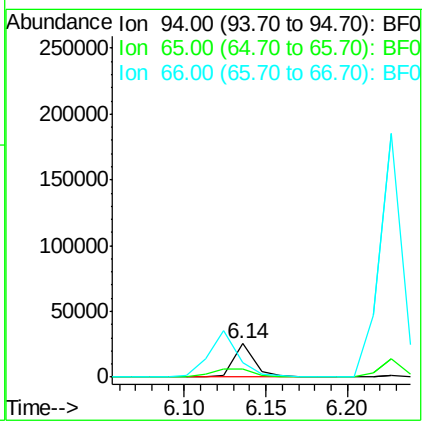


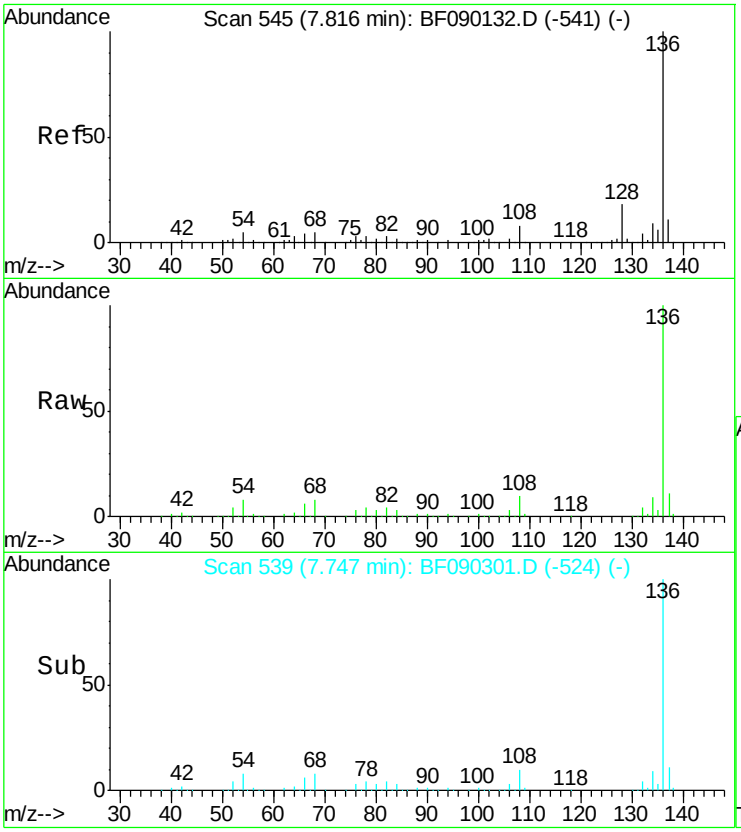


#10
Phenol
Concen: 2.14 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Tgt Ion: 94 Resp: 22456

Ion	Ratio	Lower	Upper
94	100		
65	24.8	20.6	60.6
66	41.9	45.1	85.1#



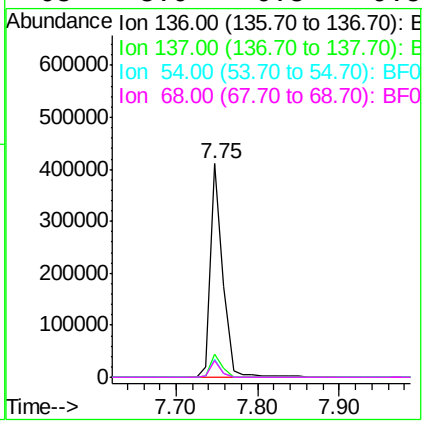


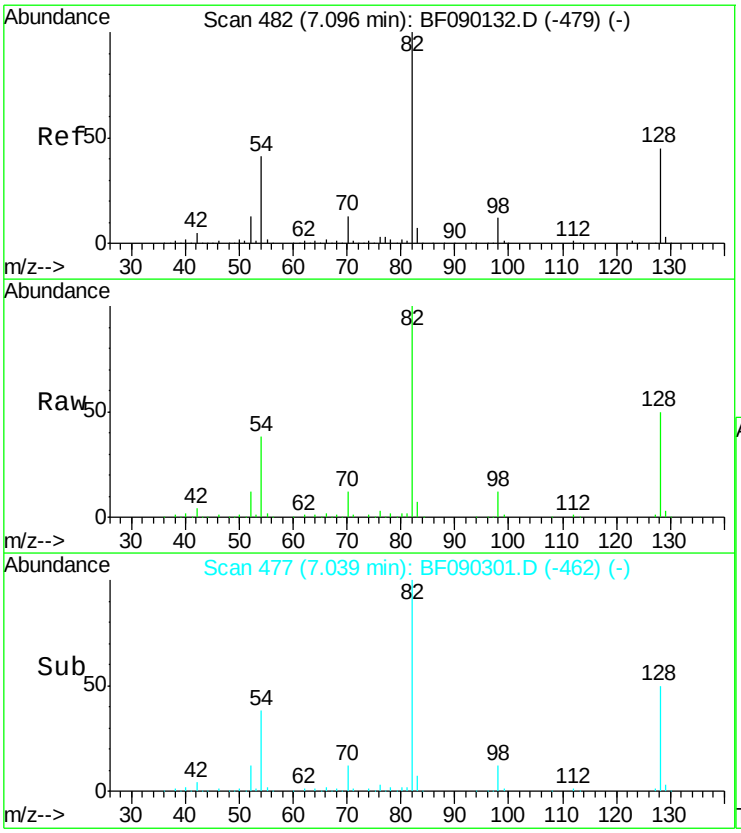
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_F
ClientSampleId :
SUP-B044-6-9

Tgt Ion:136 Resp: 441885

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.4	6.4	9.6
68	8.0	6.3	9.5

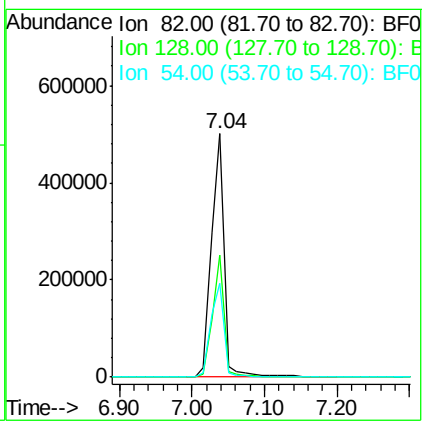


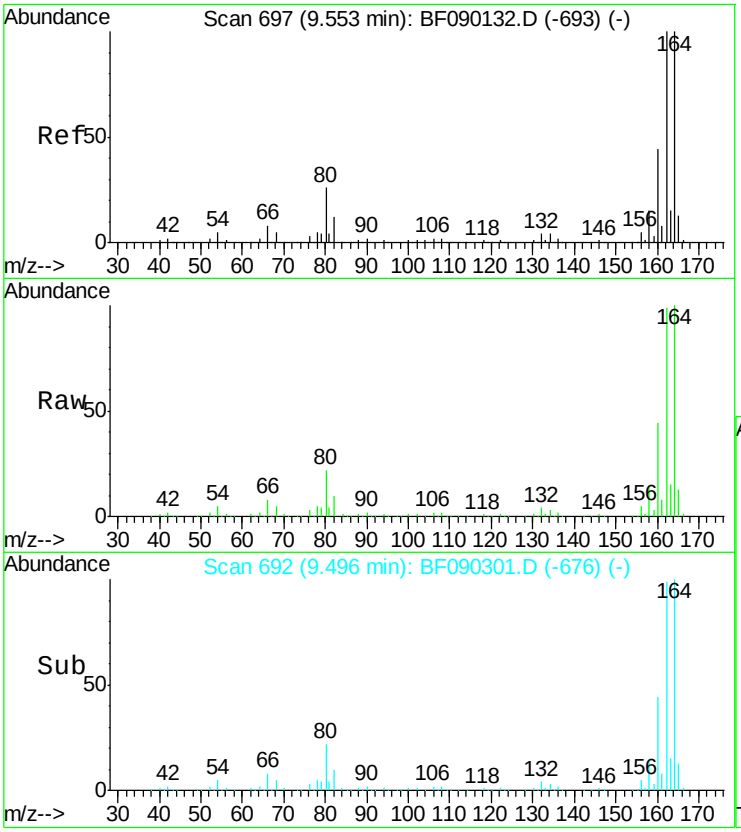


#23
Nitrobenzene-d5
Concen: 80.23 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Tgt Ion: 82 Resp: 611558

Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.5	56.3
54	38.3	31.9	47.9



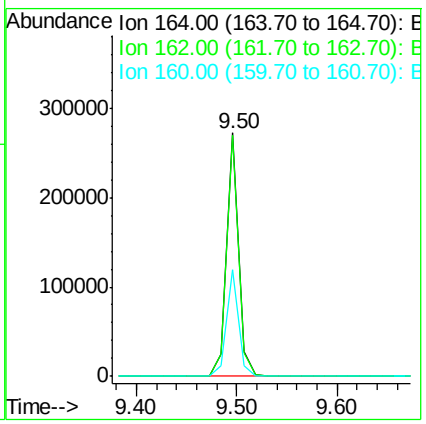


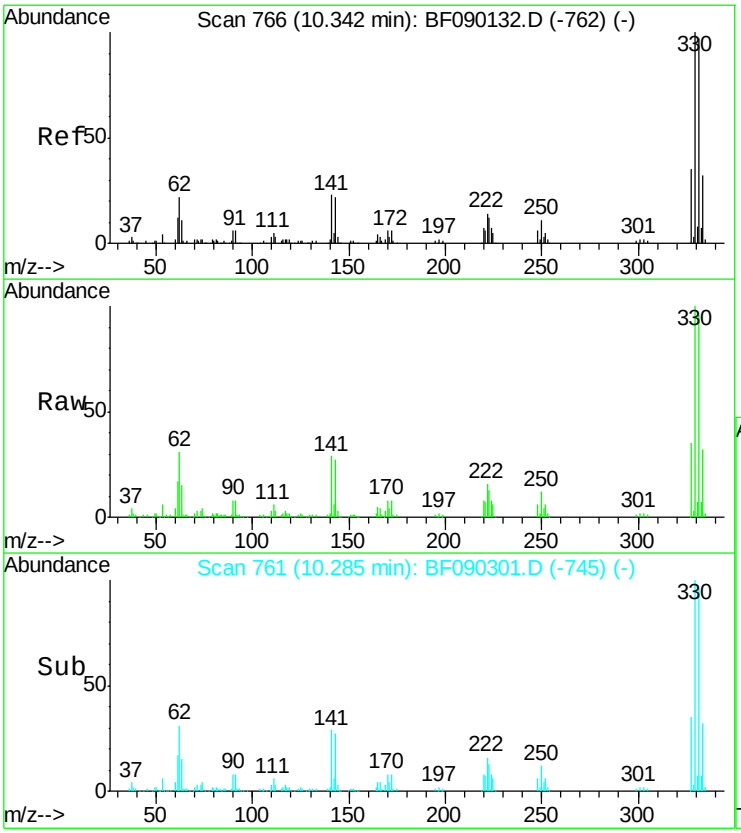
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_F
ClientSampleId :
SUP-B044-6-9

Tgt Ion:164 Resp: 226288

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.4	122.2
160	44.1	36.6	54.8

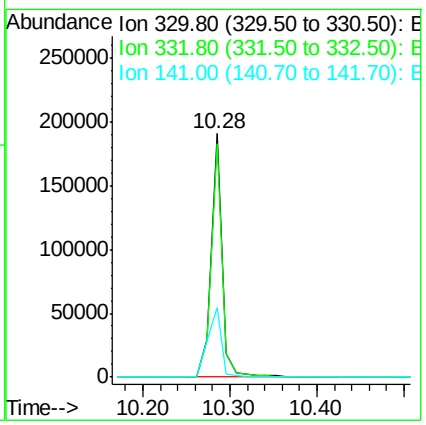


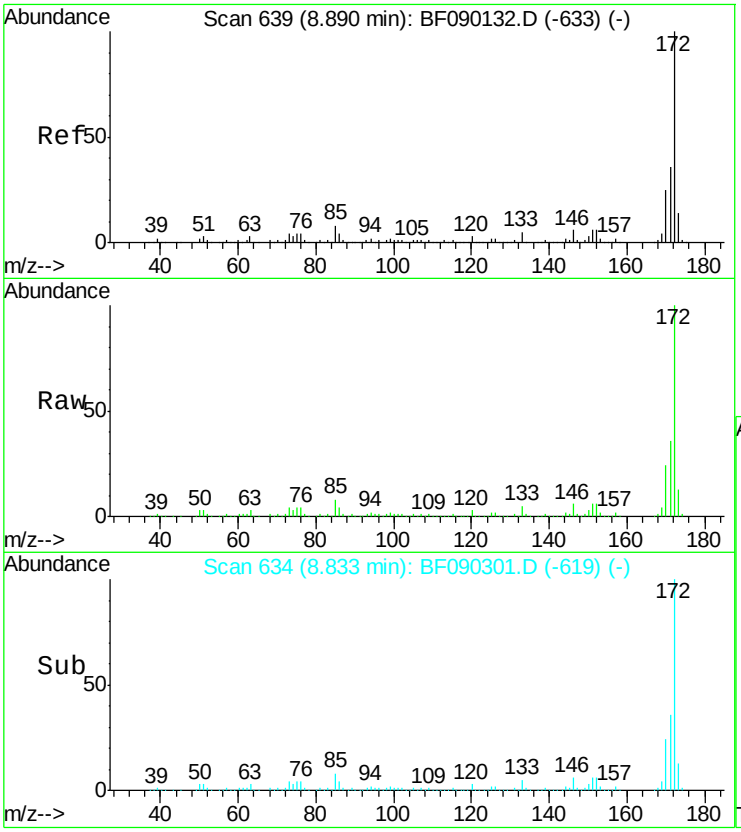


#41
2,4,6-Tribromophenol
Concen: 88.22 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Tgt Ion:330 Resp: 171261

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.1	117.1
141	35.8	23.9	35.9



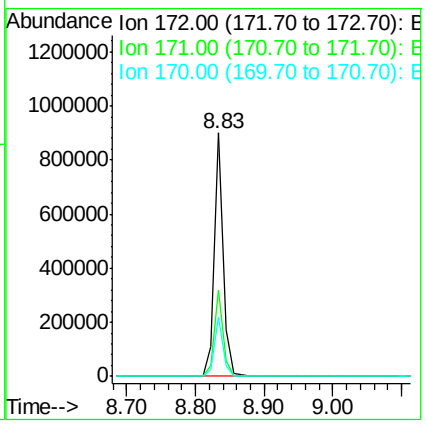


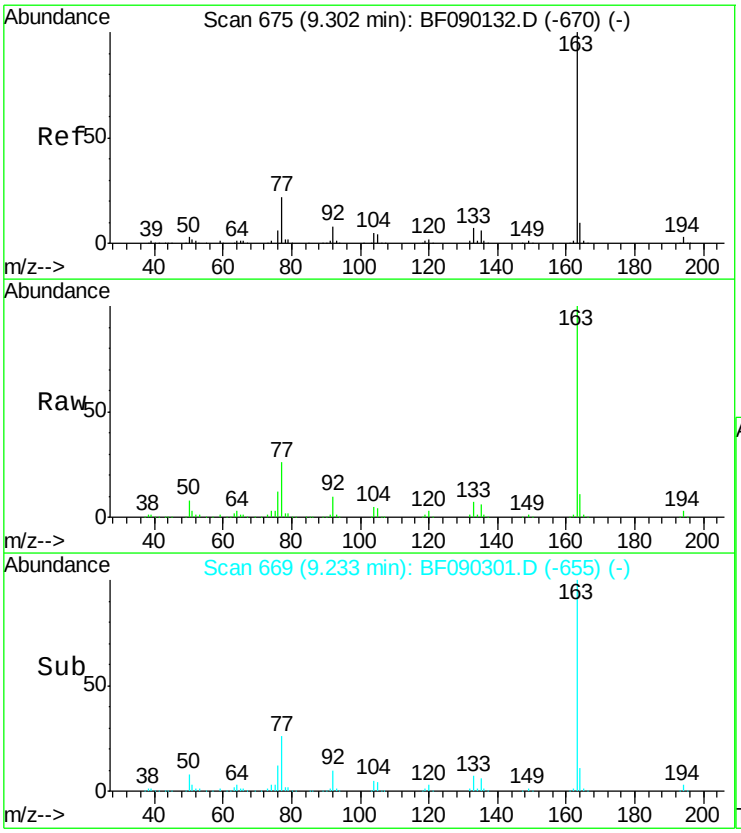
#44
2-Fluorobiphenyl
Concen: 72.60 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_F
ClientSampleId :
SUP-B044-6-9

Tgt Ion:172 Resp: 836880

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	24.3	19.8	29.8

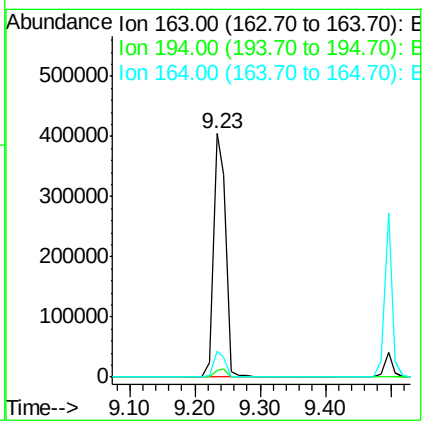


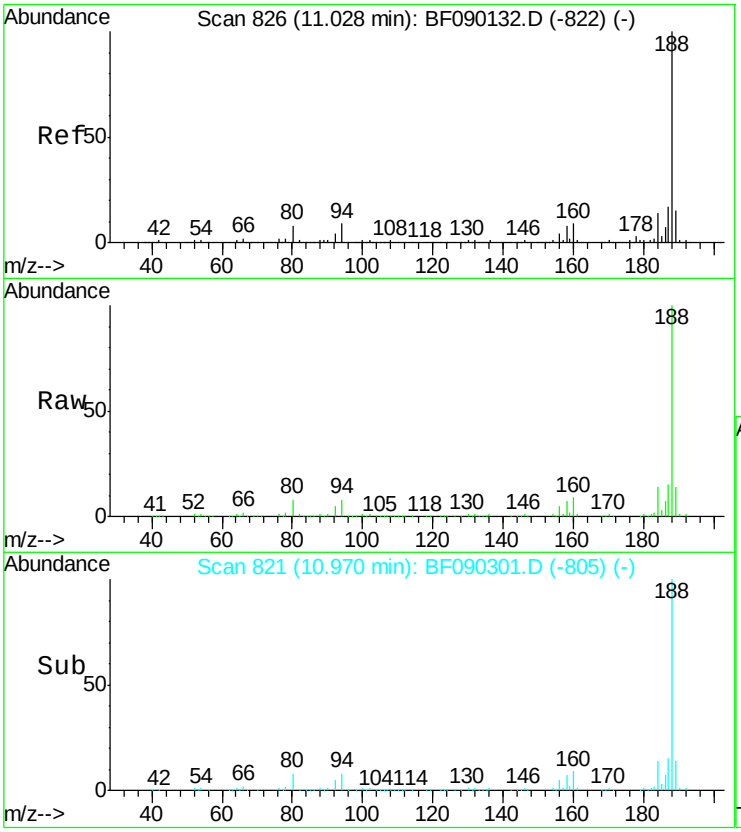


#49
Dimethylphthalate
Concen: 37.59 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Tgt Ion:163 Resp: 541834

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.8	8.1	12.1



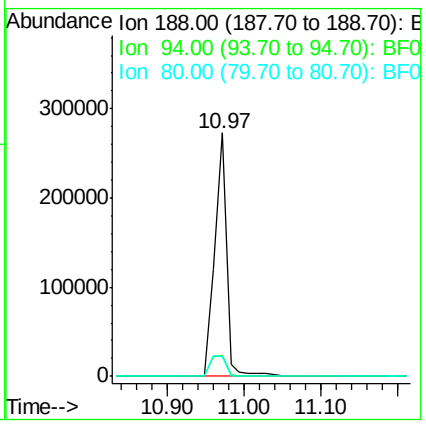


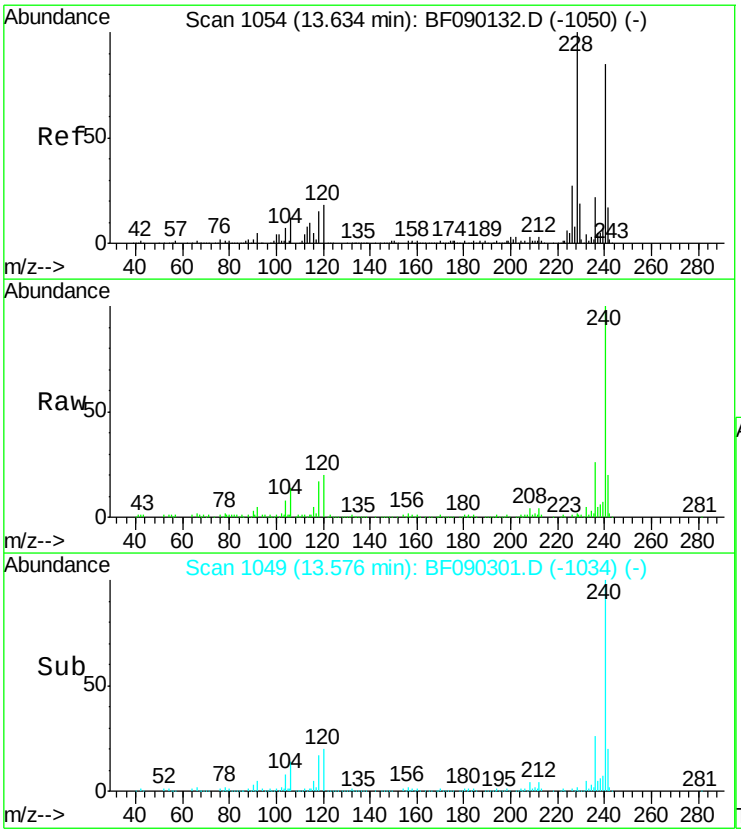
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_F
ClientSampleId :
SUP-B044-6-9

Tgt Ion:188 Resp: 291833

Ion	Ratio	Lower	Upper
188	100		
94	8.5	10.5	15.7#
80	8.3	11.2	16.8#

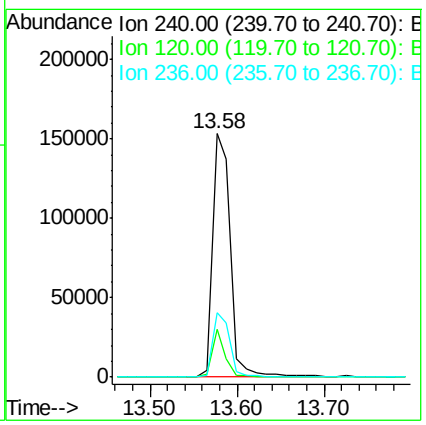


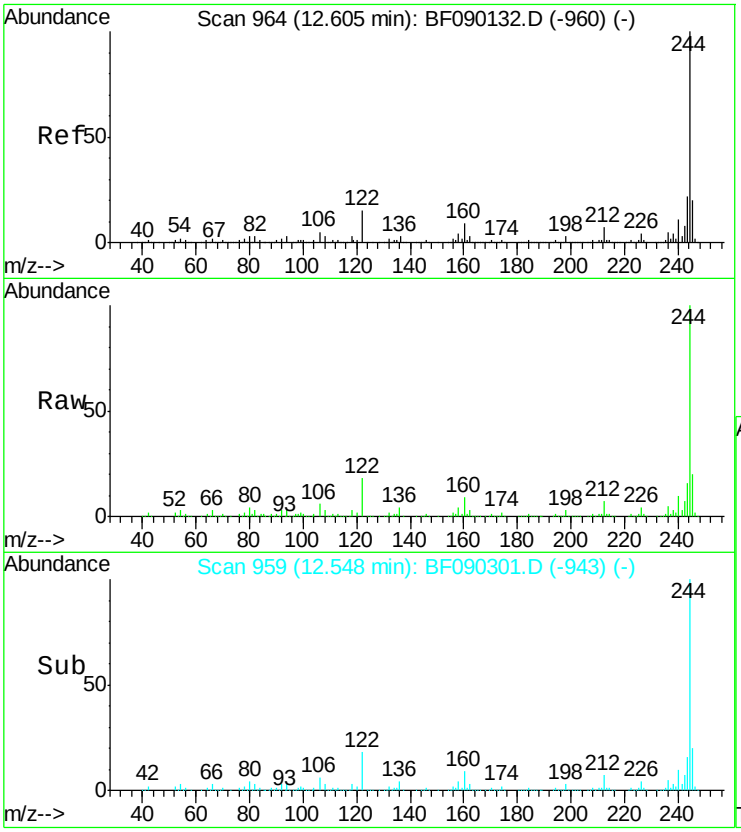


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Tgt Ion:240 Resp: 221272

Ion	Ratio	Lower	Upper
240	100		
120	19.6	10.6	16.0#
236	26.2	21.6	32.4



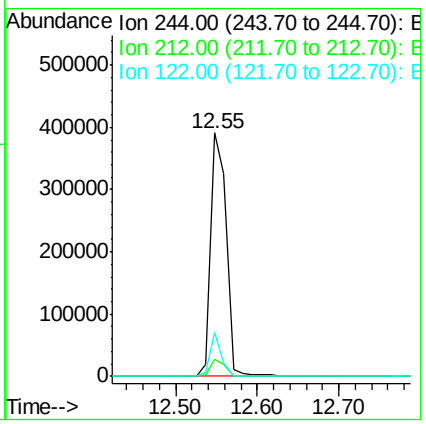


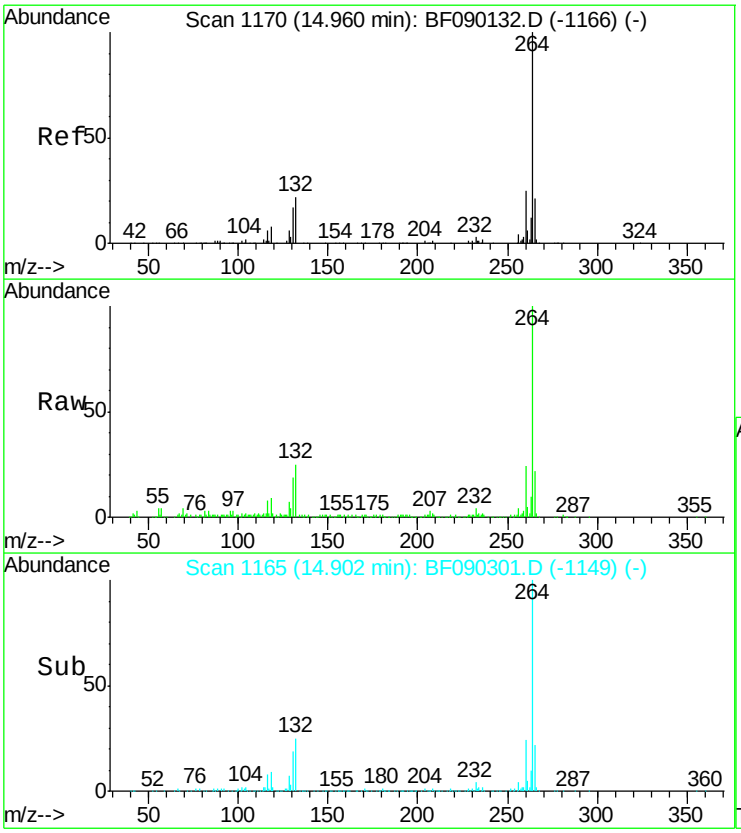
#78
Terphenyl-d14
Concen: 60.30 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF090301.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_F
ClientSampleId :
SUP-B044-6-9

Tgt Ion:244 Resp: 525548

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	18.1	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: BF090301.D
Acq: 29 Sep 2016 20:38

Tgt Ion:264 Resp: 176835

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.9	17.0	25.4