Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF092916\
Data File : BF090289.D
Acq On : 29 Sep 2016 13:16
Operator : UM/SJ
Sample : H4982-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 29 14:03:38 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	6.456	152	154081	20.00	ng		-0.02
21) Naphthalene-d8	7.747	136	596251	20.00	ng		-0.02
38) Acenaphthene-d10	9.496	164	303202	20.00	ng		-0.01
63) Phenanthrene-d10	10.959	188	388015	20.00	ng		-0.02
75) Chrysene-d12	13.577	240	253524	20.00	ng		-0.02
86) Perylene-d12	14.914	264	239855	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.027	112	1301840	137.72	ng		0.00
7) Phenol-d6	6.124	99	1464606	125.46	ng		-0.01
23) Nitrobenzene-d5	7.039	82	1049591	102.04	ng		-0.02
41) 2,4,6-Tribromophenol	10.285	330	321001	123.40	ng		-0.01
44) 2-Fluorobiphenyl	8.833	172	1350765	87.46	ng		-0.02
78) Terphenyl-d14	12.548	244	961308	96.27	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.136	94	38777	2.81	ng	#	66
15) Benzyl Alcohol	6.616	79	15382	2.21	ng	#	51
48) Acenaphthylene	9.348	152	57682	2.22	ng		100
49) Dimethylphthalate	9.233	163	511765	26.50	ng		99
70) Phenanthrene	10.982	178	213459	11.76	ng		99
71) Anthracene	11.039	178	73973	3.89	ng		98
74) Fluoranthene	12.159	202	365405	18.76	ng		100
77) Pyrene	12.388	202	388772	22.41	ng		99
80) Benzo(a)anthracene	13.565	228	188232	13.80	ng	#	89
82) Chrysene	13.565	228	188232	14.17	ng		93
85) Indeno(1,2,3-cd)pyrene	16.057	276	91949	8.56	ng	#	91
87) Benzo(b)fluoranthene	14.571	252	268306	20.20	ng		94
88) Benzo(k)fluoranthene	14.571	252	268306	21.52	ng	#	89
89) Benzo(a)pyrene	14.857	252	147429	11.80	ng	#	90
90) Dibenzo(a,h)anthracene	16.068	278	24647	2.53	ng	#	68
91) Benzo(g,h,i)perylene	16.400	276	90483	9.48	ng		95

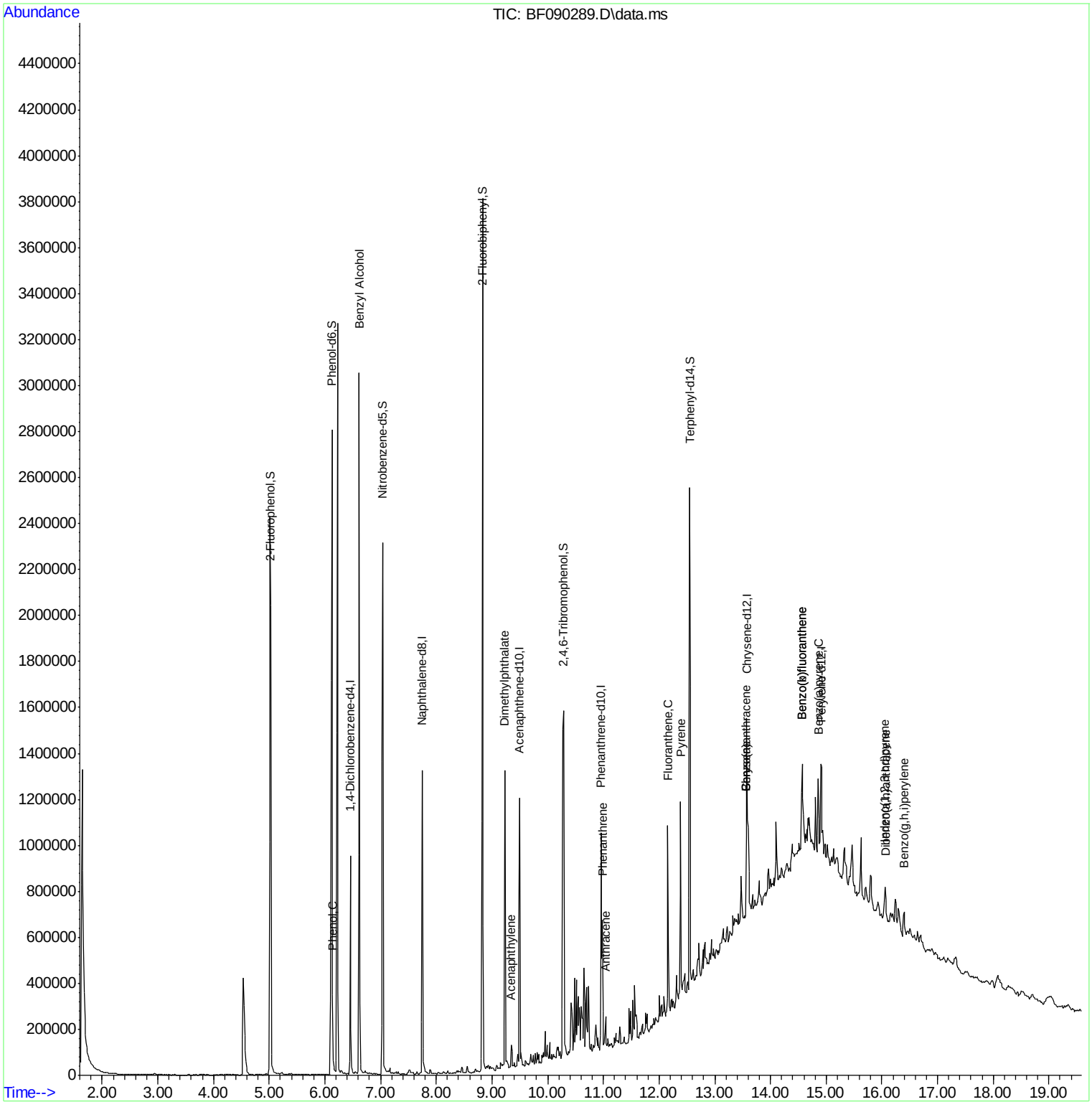
(#) = qualifier out of range (m) = manual integration (+) = signals summed

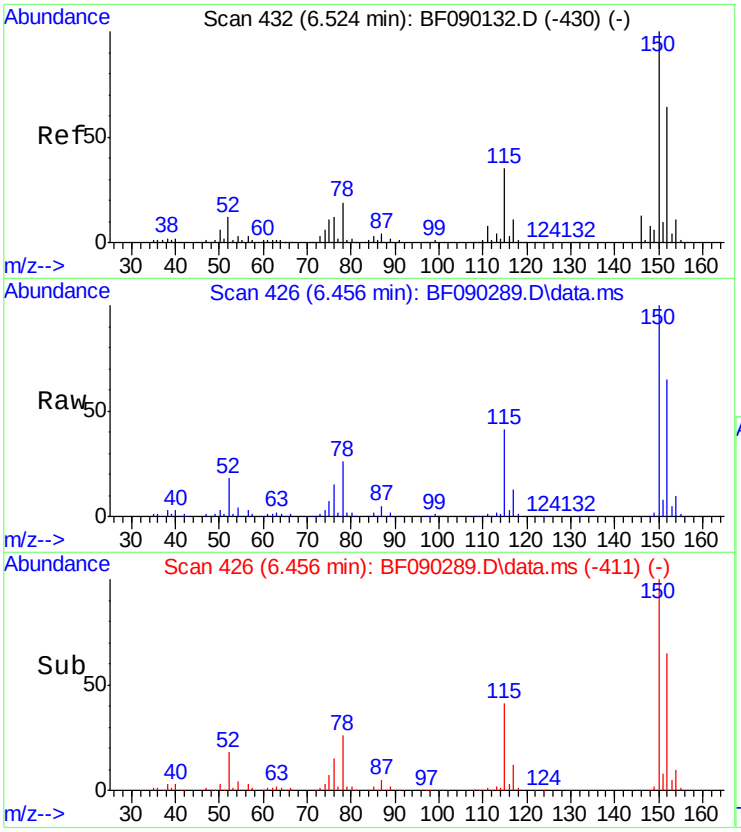
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF092916\
Data File : BF090289.D
Acq On : 29 Sep 2016 13:16
Operator : UM/SJ
Sample : H4982-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 29 14:03:38 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



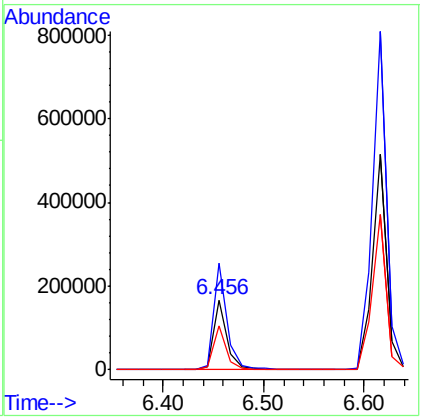


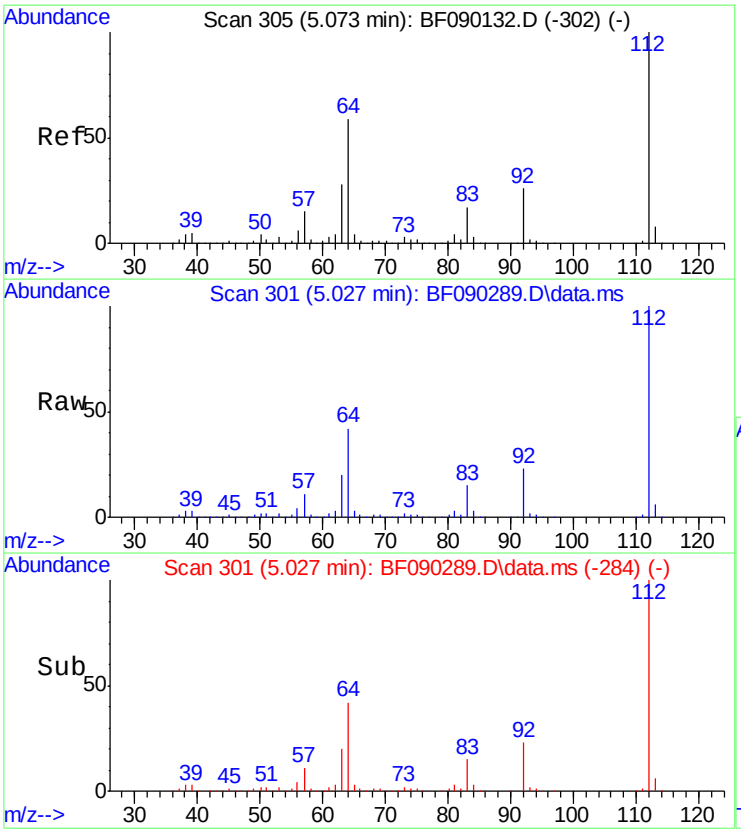
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.456 min Scan# 42
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 154081

Ion	Ratio	Lower	Upper
152	100		
150	153.3	128.9	193.3
115	63.3	55.5	83.3

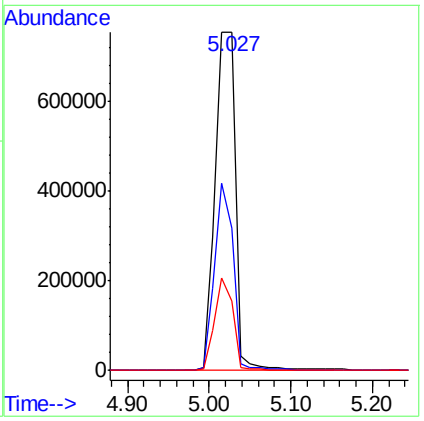


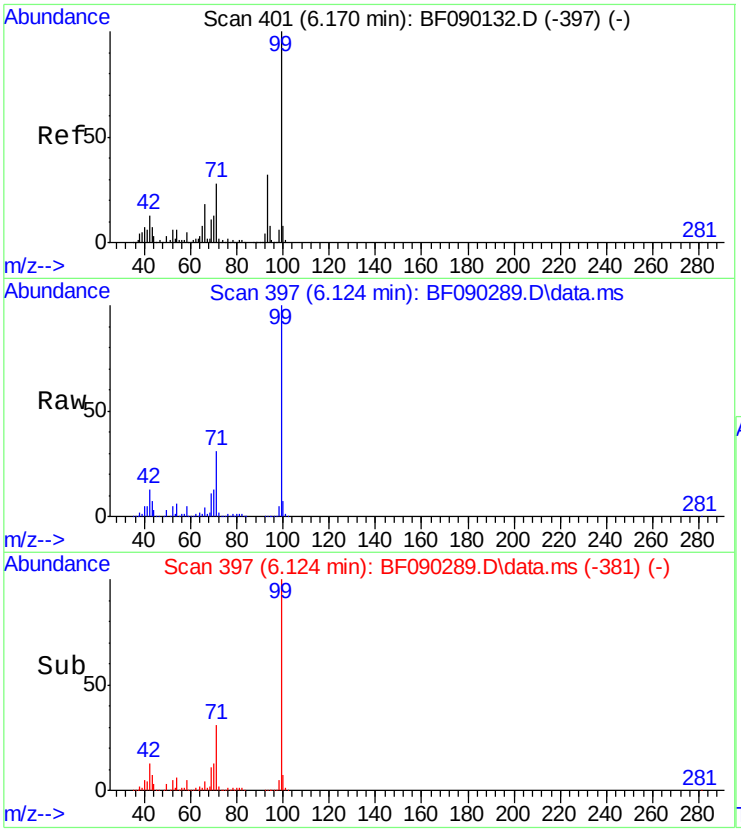


#5
2-Fluorophenol
Concen: 137.72 ng
RT: 5.027 min Scan# 301
Delta R.T. -0.000 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:112 Resp: 1301840

Ion	Ratio	Lower	Upper
112	100		
64	42.0	39.8	59.6
63	20.4	18.9	28.3



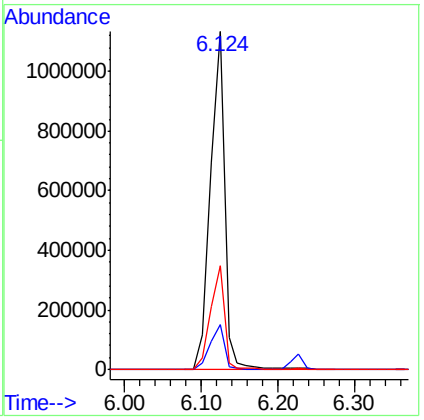


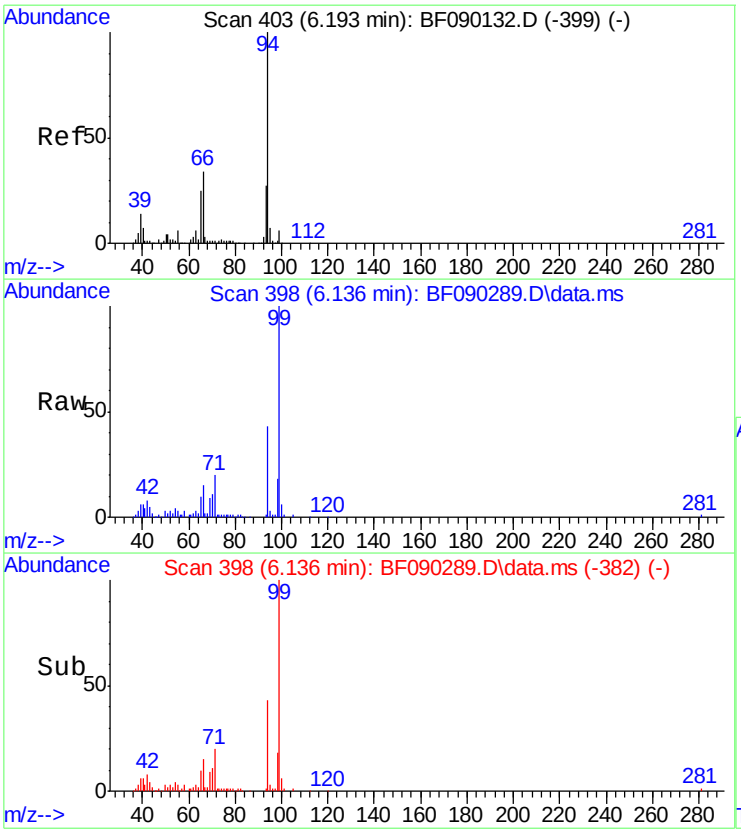
#7
Phenol-d6
Concen: 125.46 ng
RT: 6.124 min Scan# 39
Delta R.T. -0.012 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1464606

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	15.8
71	30.7	23.0	34.6

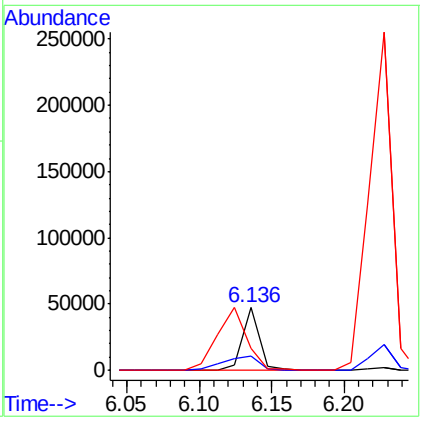


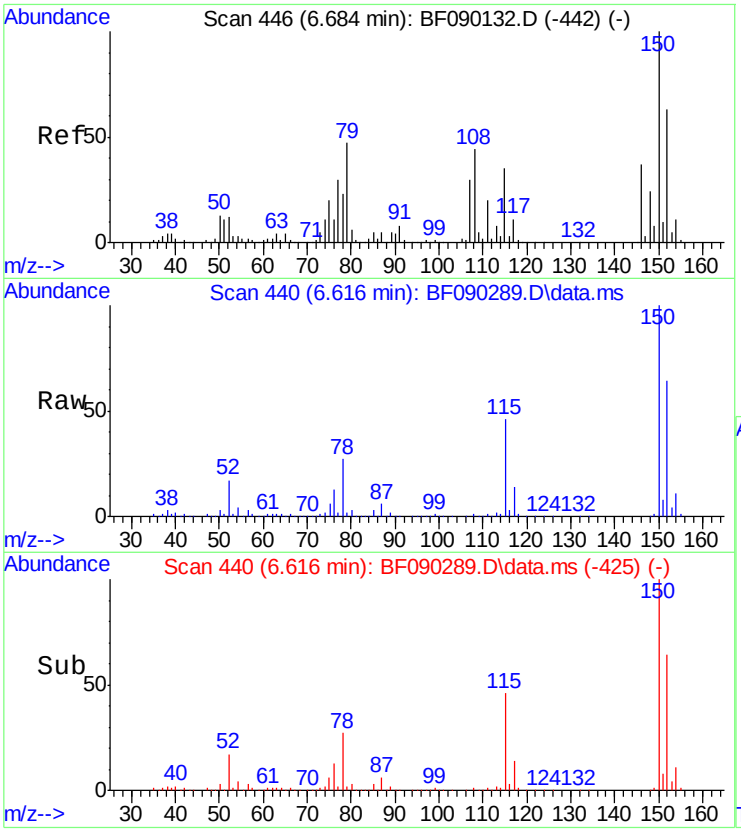


#10
Phenol
Concen: 2.81 ng
RT: 6.136 min Scan# 398
Delta R.T. -0.012 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion: 94 Resp: 38777

Ion	Ratio	Lower	Upper
94	100		
65	23.5	20.6	60.6
66	35.2	45.1	85.1#



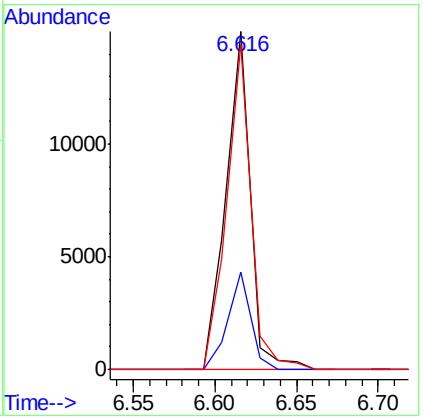


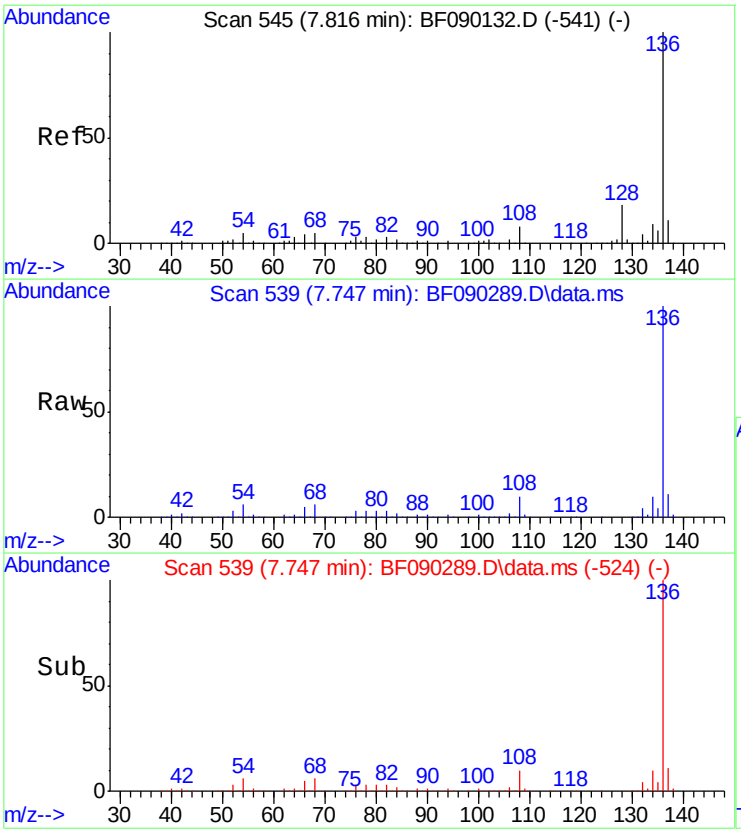
#15
Benzyl Alcohol
Concen: 2.21 ng
RT: 6.616 min Scan# 44
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 15382

Ion	Ratio	Lower	Upper
79	100		
108	28.7	62.2	93.4#
77	96.0	51.4	77.0#

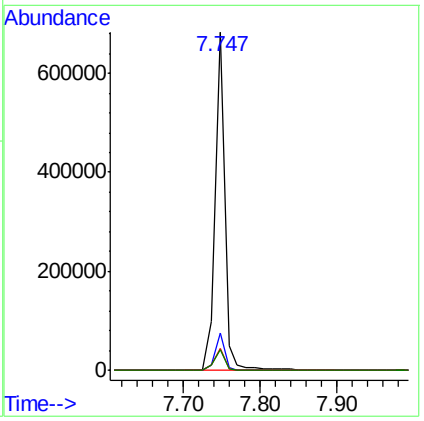


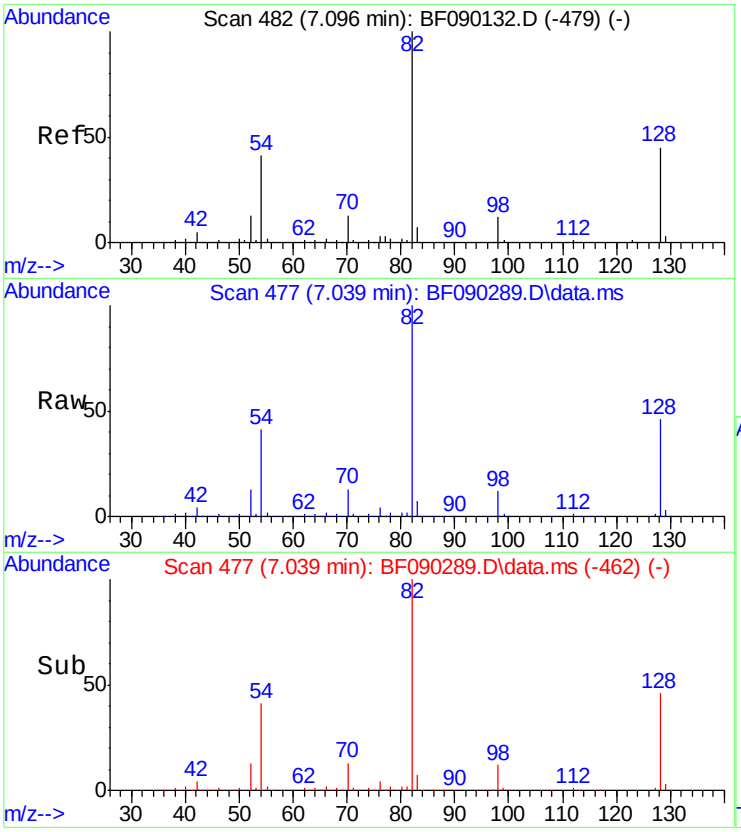


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.747 min Scan# 539
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:136 Resp: 596251

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.4	6.4	9.6
68	6.2	6.3	9.5#



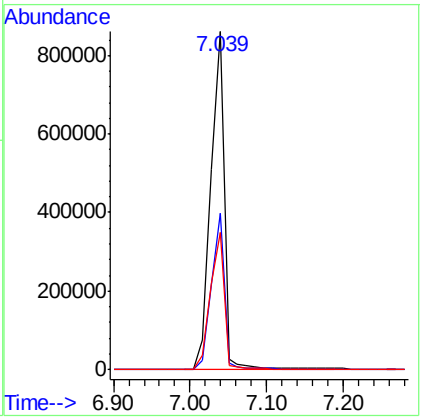


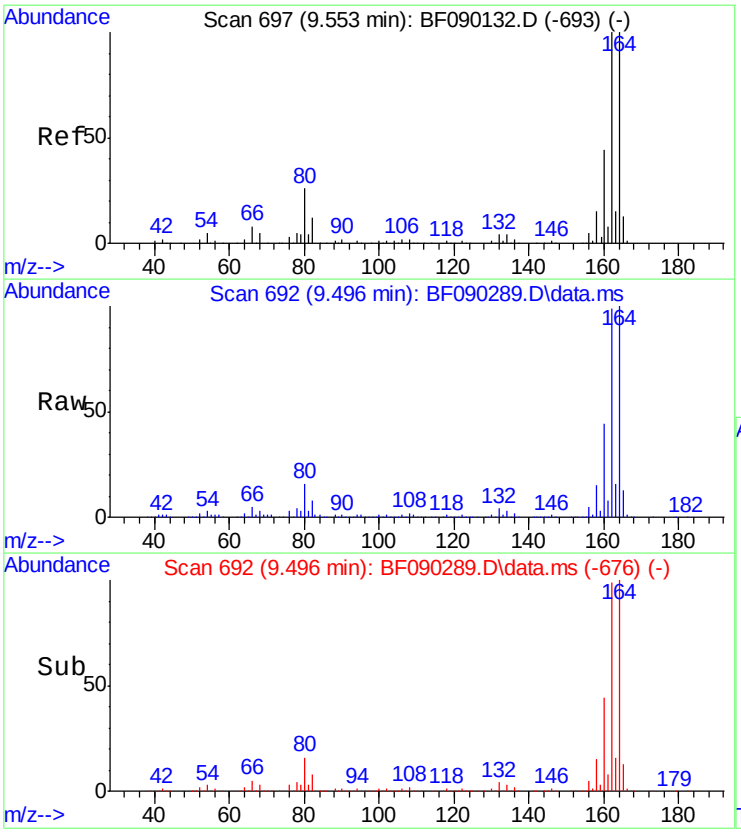
#23
Nitrobenzene-d5
Concen: 102.04 ng
RT: 7.039 min Scan# 47
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1049591

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.5	56.3
54	40.6	31.9	47.9

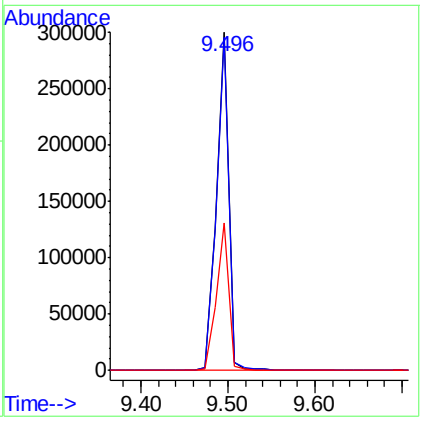


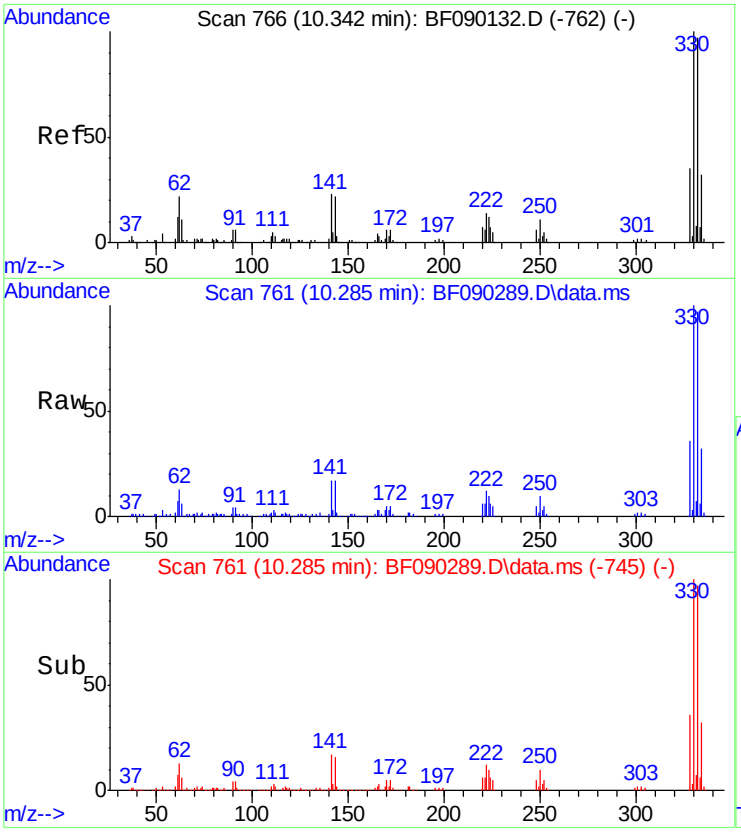


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.496 min Scan# 692
Delta R.T. -0.012 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:164 Resp: 303202

Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.4	122.2
160	43.7	36.6	54.8



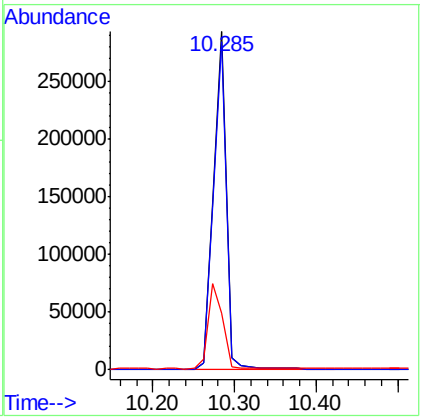


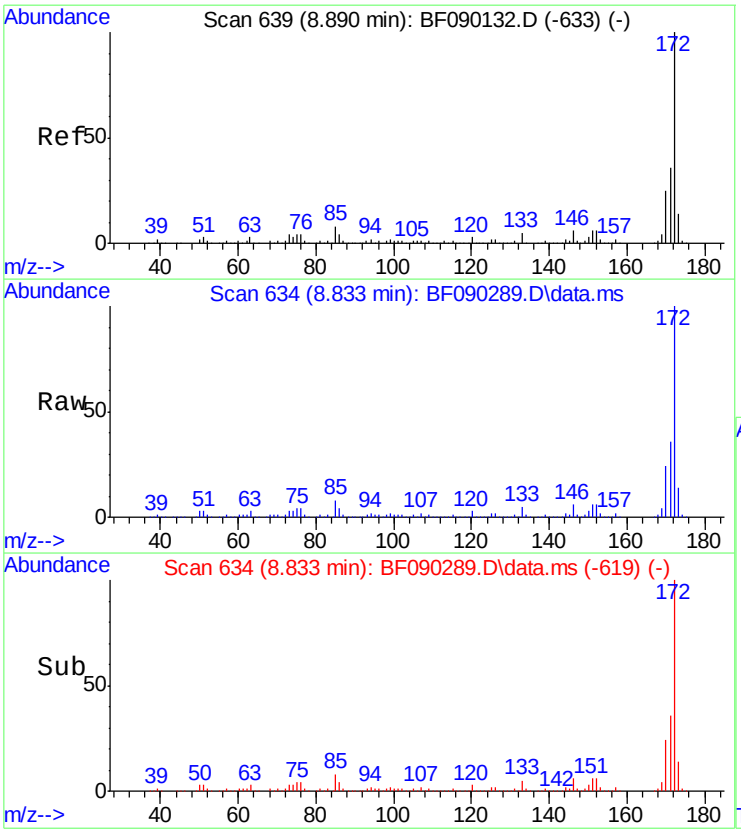
#41
2,4,6-Tribromophenol
Concen: 123.40 ng
RT: 10.285 min Scan# 76
Delta R.T. -0.012 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 321001

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.1	117.1
141	29.4	23.9	35.9

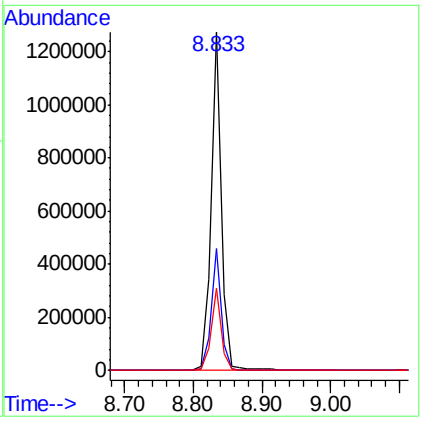


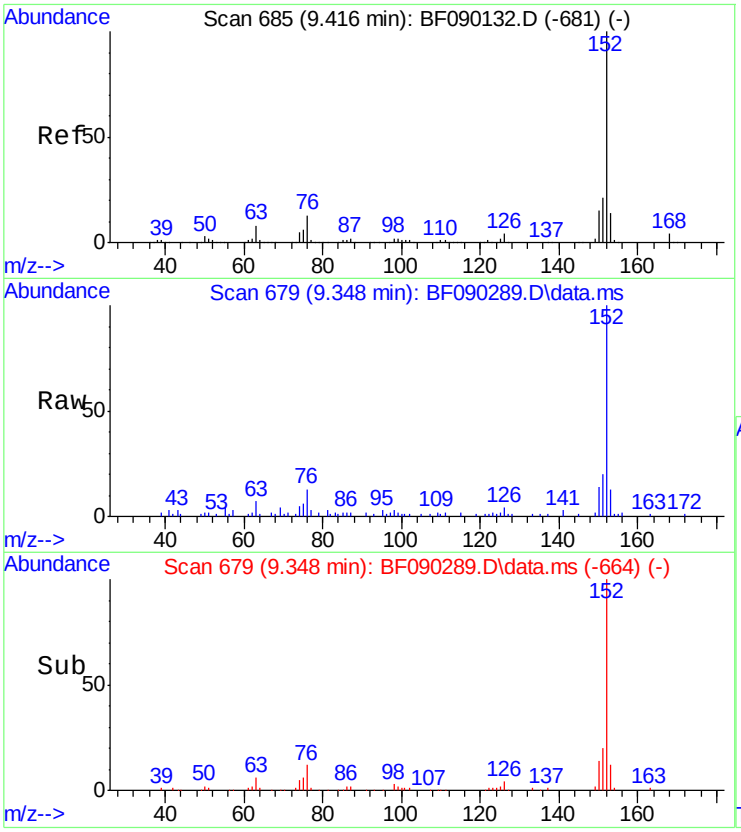


#44
2-Fluorobiphenyl
Concen: 87.46 ng
RT: 8.833 min Scan# 634
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:172 Resp: 1350765

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.4	19.8	29.8



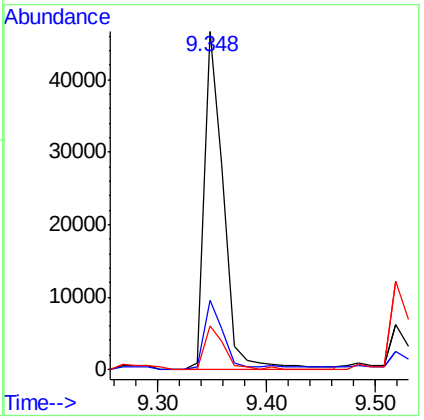


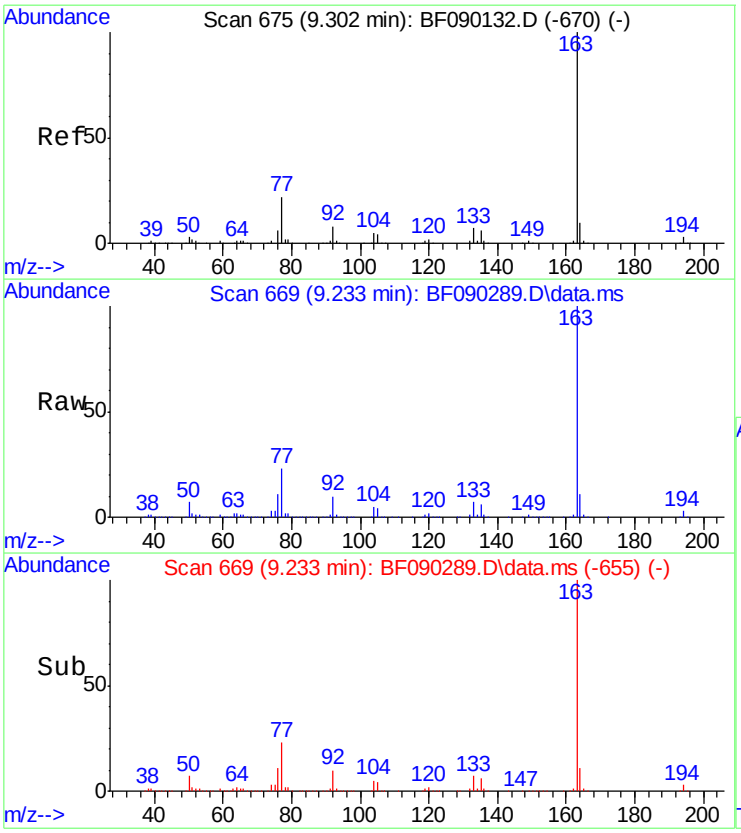
#48
Acenaphthylene
Concen: 2.22 ng
RT: 9.348 min Scan# 67
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 57682

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	13.0	10.6	15.8

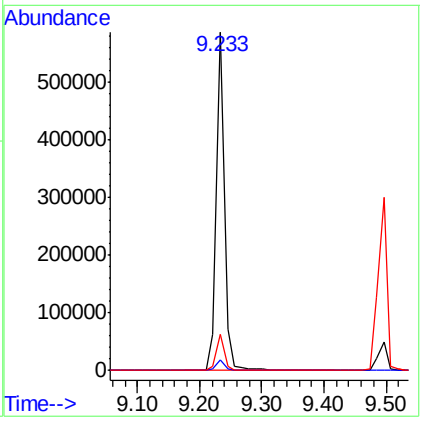


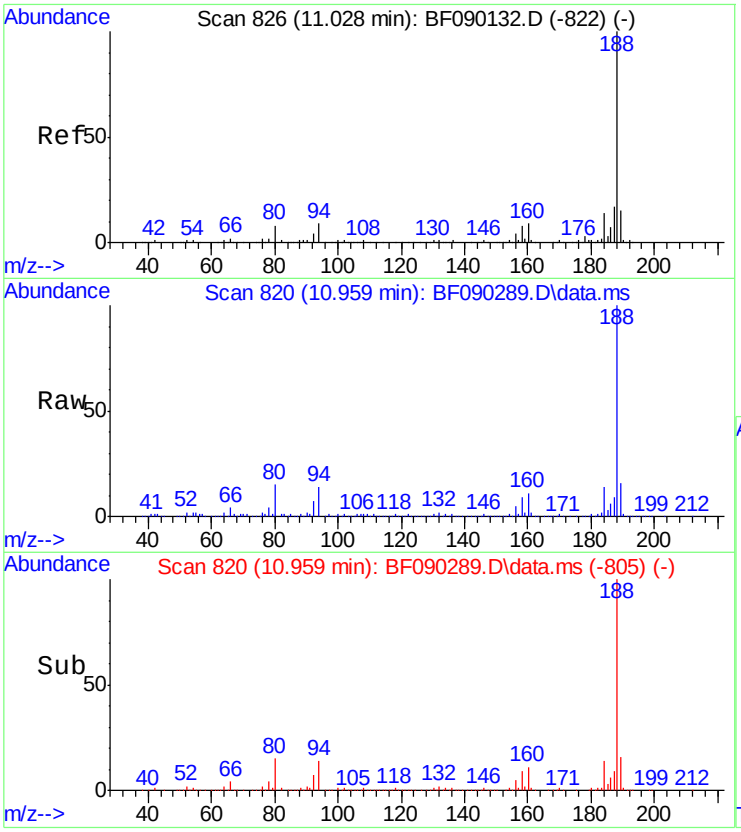


#49
Dimethylphthalate
Concen: 26.50 ng
RT: 9.233 min Scan# 669
Delta R.T. -0.034 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:163 Resp: 511765

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.7	8.1	12.1



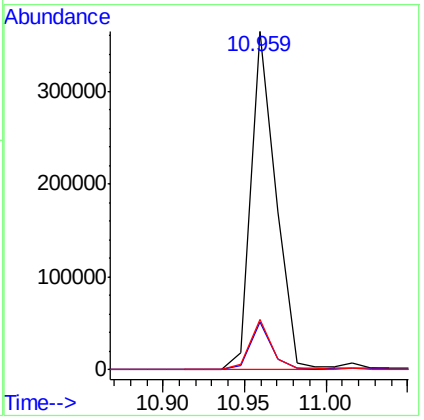


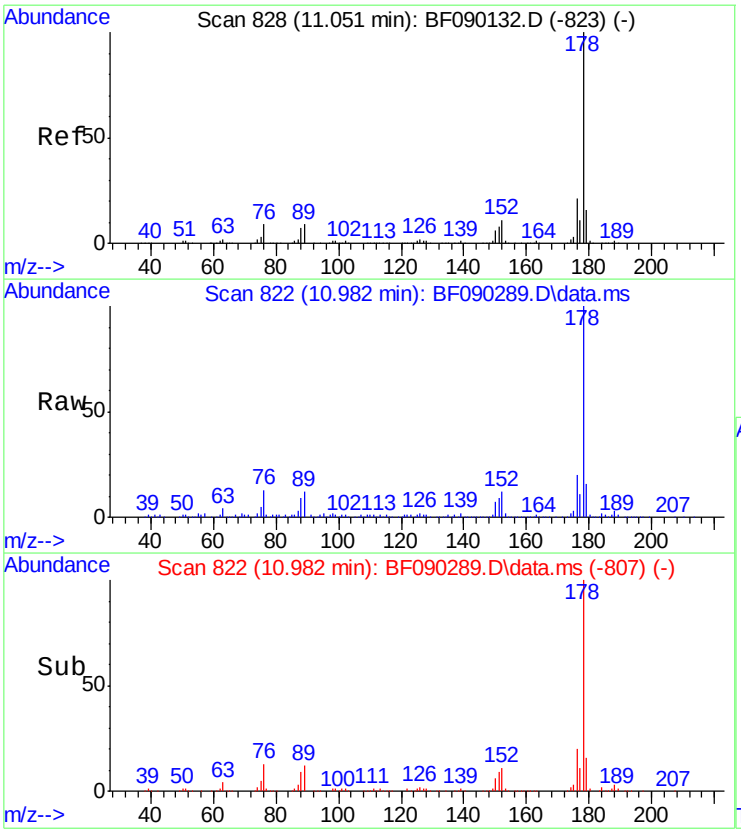
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.959 min Scan# 82
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 388015

Ion	Ratio	Lower	Upper
188	100		
94	13.9	10.5	15.7
80	14.7	11.2	16.8

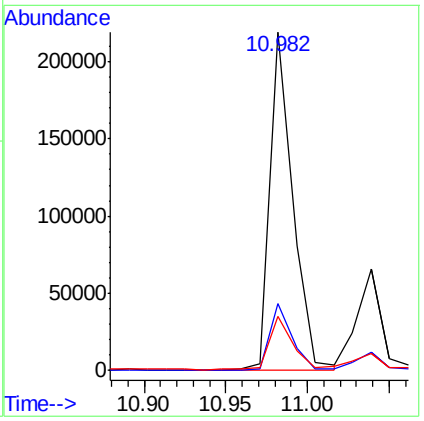


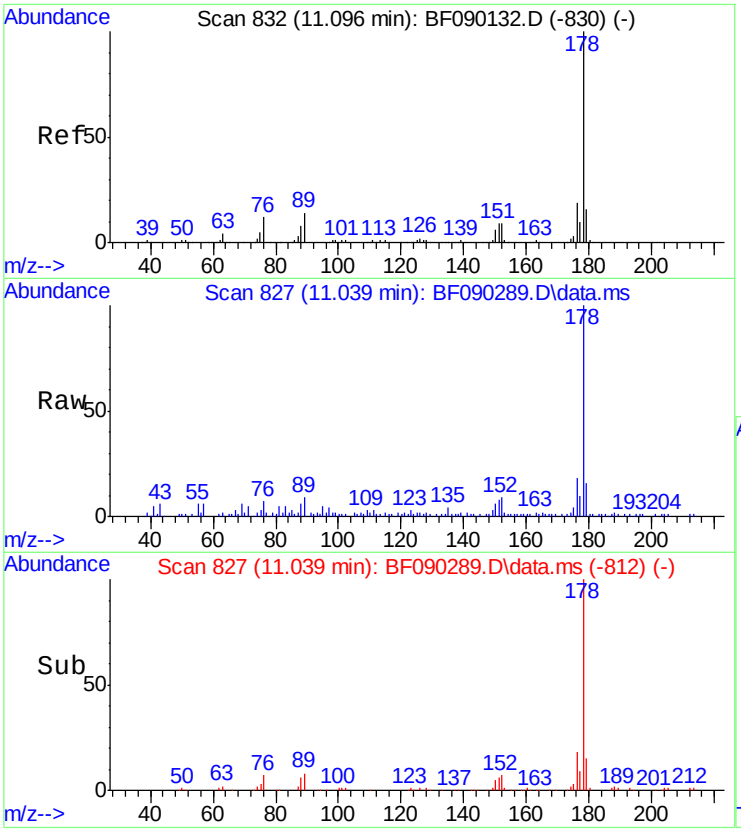


#70
Phenanthrene
Concen: 11.76 ng
RT: 10.982 min Scan# 822
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:178 Resp: 213459

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.9	12.9	19.3



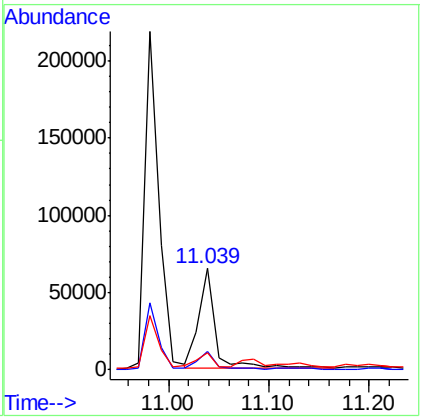


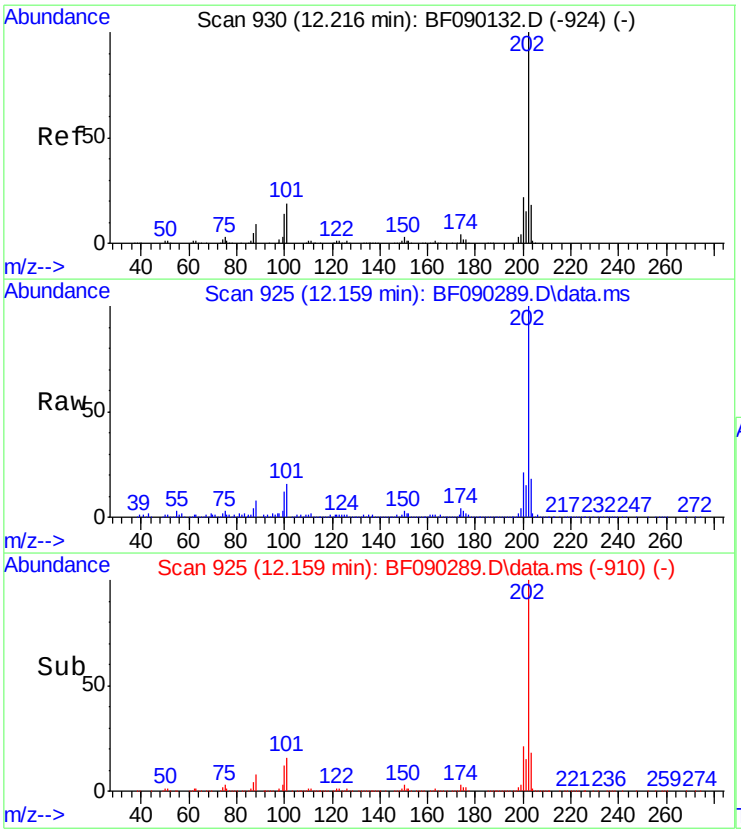
#71
Anthracene
Concen: 3.89 ng
RT: 11.039 min Scan# 82
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 73973

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.6
179	16.0	12.6	19.0

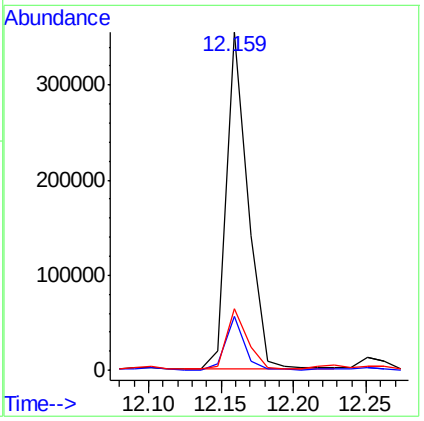


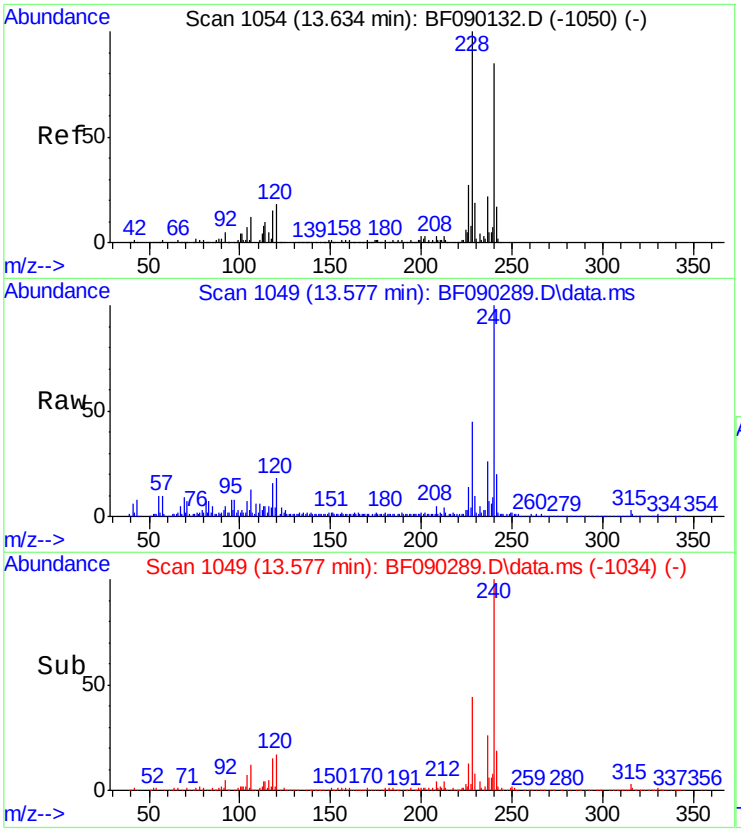


#74
Fluoranthene
Concen: 18.76 ng
RT: 12.159 min Scan# 925
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:202 Resp: 365405

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	36.1
203	18.1	0.0	38.2



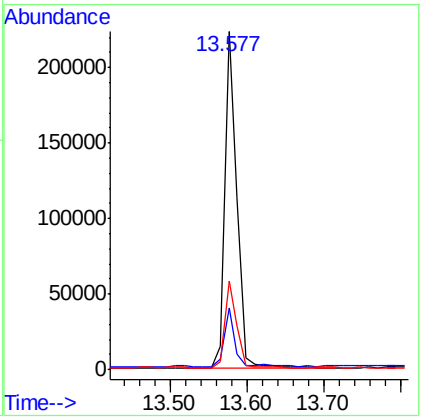


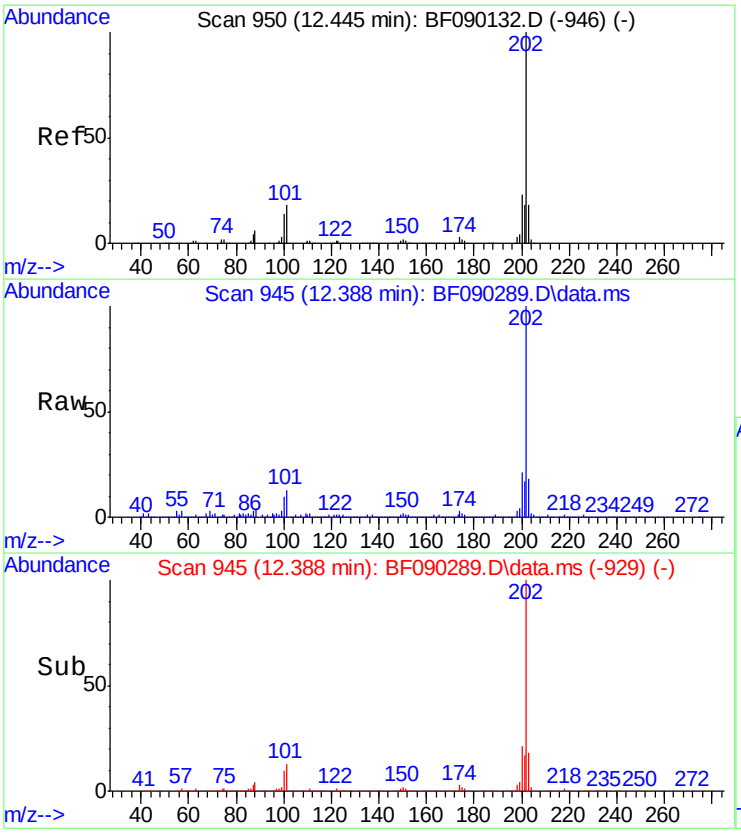
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.577 min Scan# 10
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 253524

Ion	Ratio	Lower	Upper
240	100		
120	18.3	10.6	16.0#
236	26.1	21.6	32.4

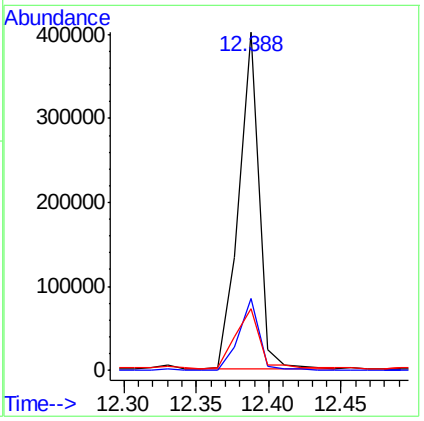


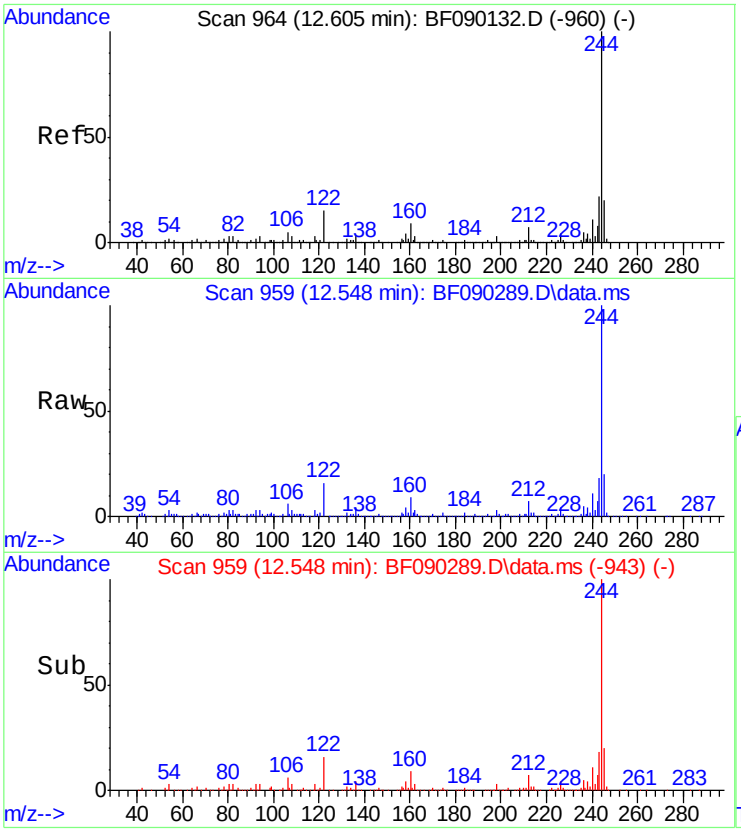


#77
Pyrene
Concen: 22.41 ng
RT: 12.388 min Scan# 945
Delta R.T. -0.012 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:202 Resp: 388772

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.9	26.9
203	18.1	14.2	21.4



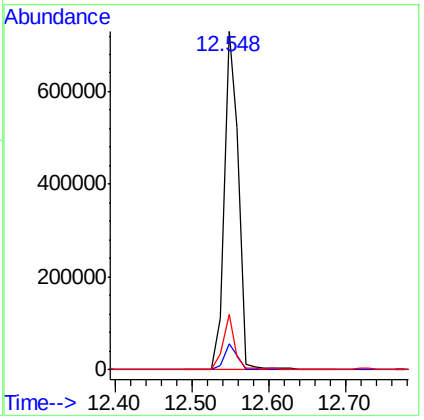


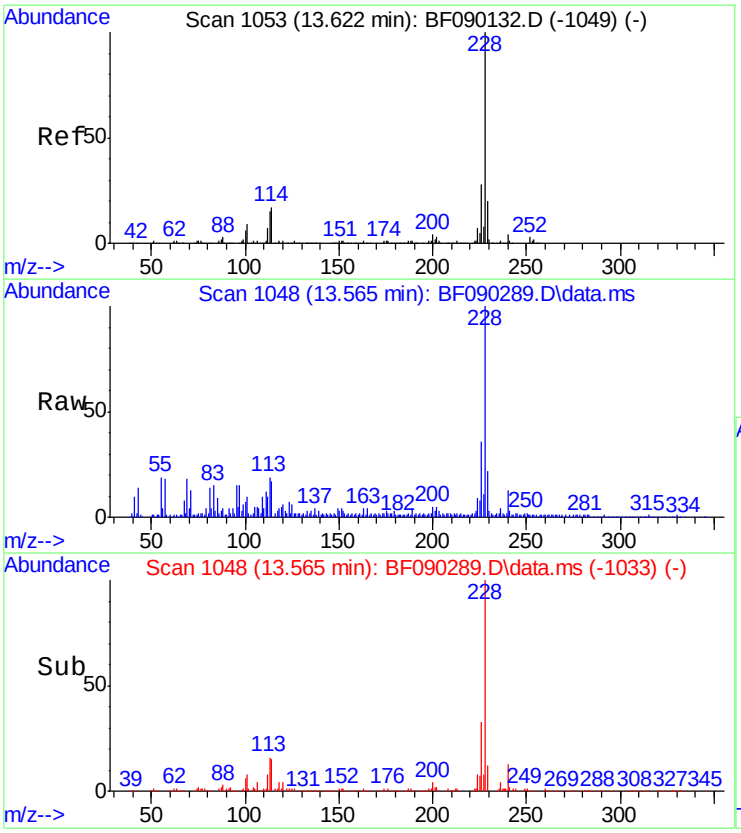
#78
Terphenyl-d14
Concen: 96.27 ng
RT: 12.548 min Scan# 95
Delta R.T. -0.012 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 961308

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	16.4	9.4	14.0#

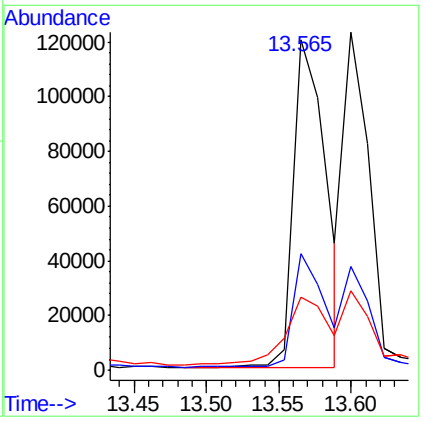


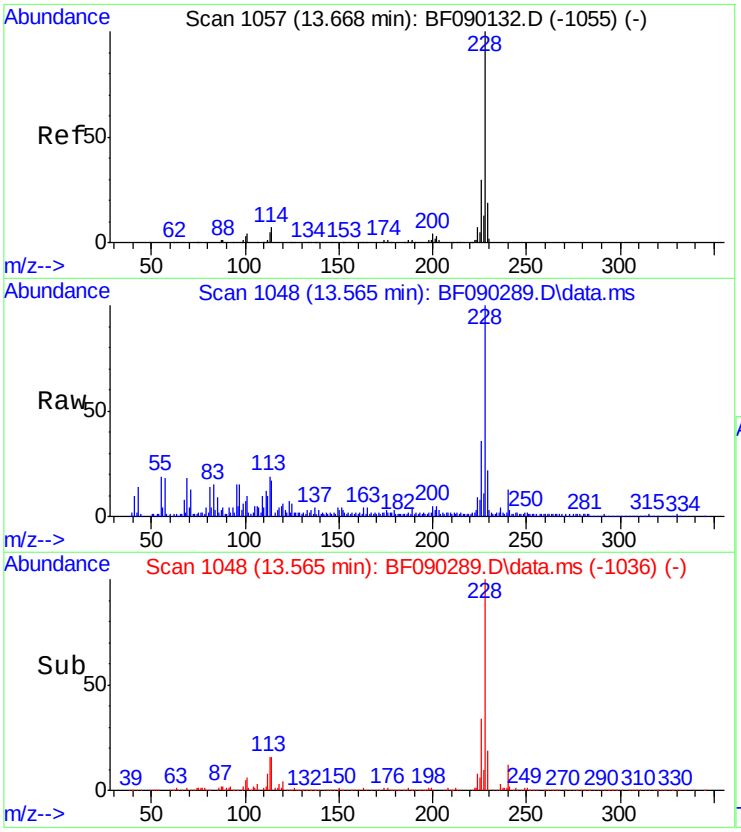


#80
Benzo(a)anthracene
Concen: 13.80 ng
RT: 13.565 min Scan# 1048
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:228 Resp: 188232

Ion	Ratio	Lower	Upper
228	100		
226	35.5	22.0	33.0#
229	22.2	16.2	24.2



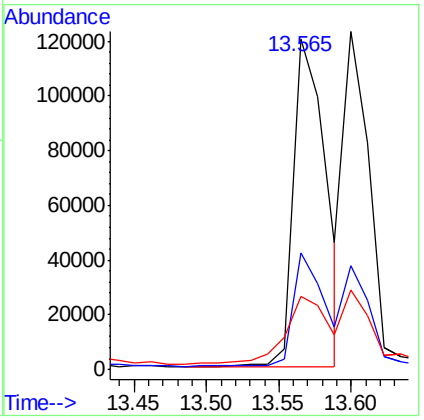


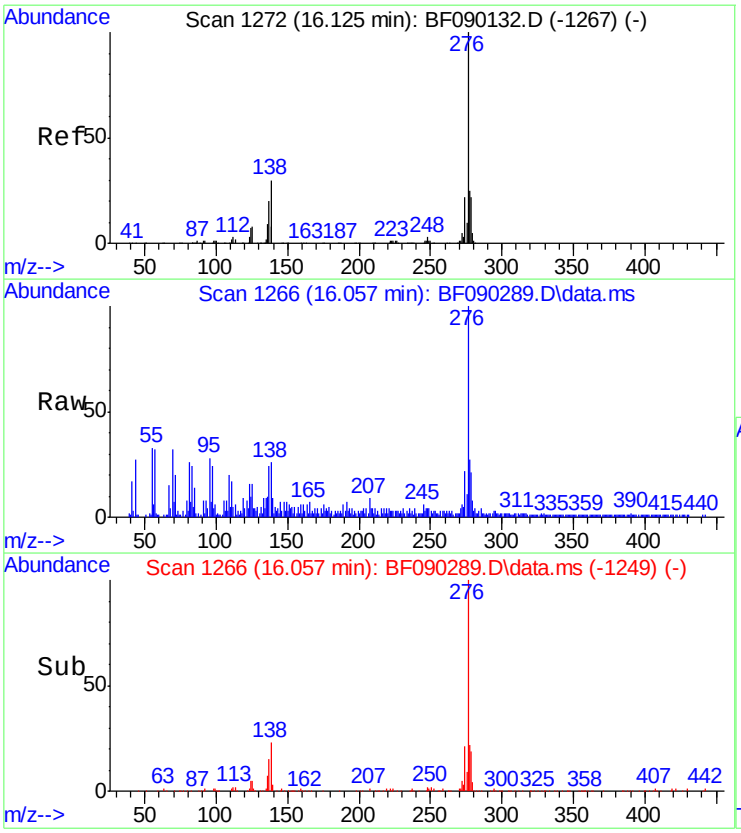
#82
Chrysene
Concen: 14.17 ng
RT: 13.565 min Scan# 10
Delta R.T. -0.057 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 188232

Ion	Ratio	Lower	Upper
228	100		
226	35.5	24.6	37.0
229	22.2	16.2	24.4

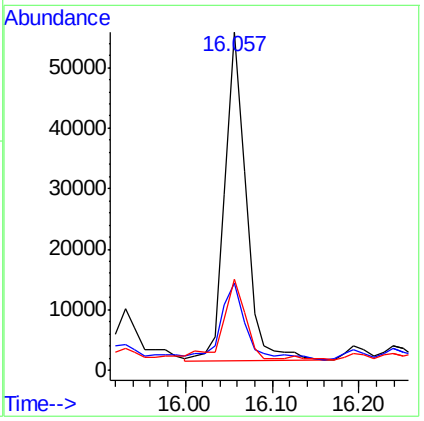


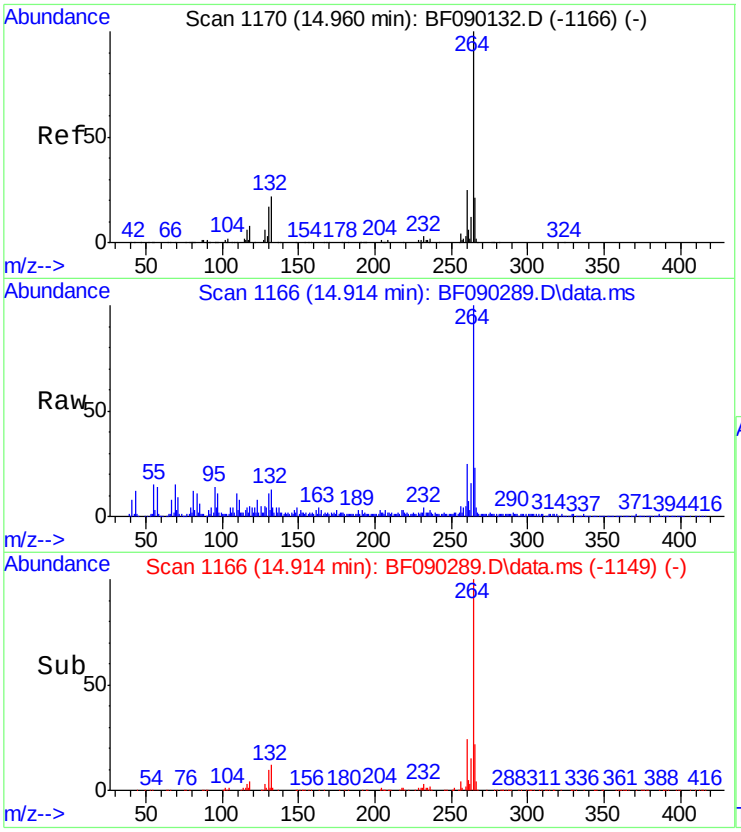


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.56 ng
RT: 16.057 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:276 Resp: 91949

Ion	Ratio	Lower	Upper
276	100		
138	23.3	25.9	38.9#
277	24.9	19.9	29.9



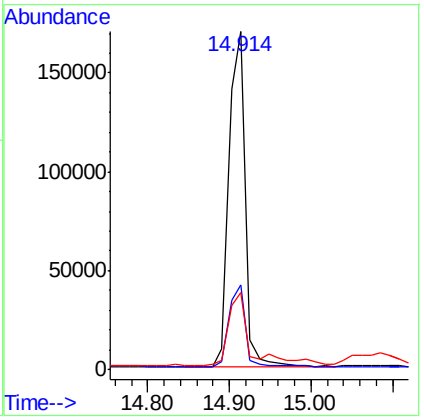


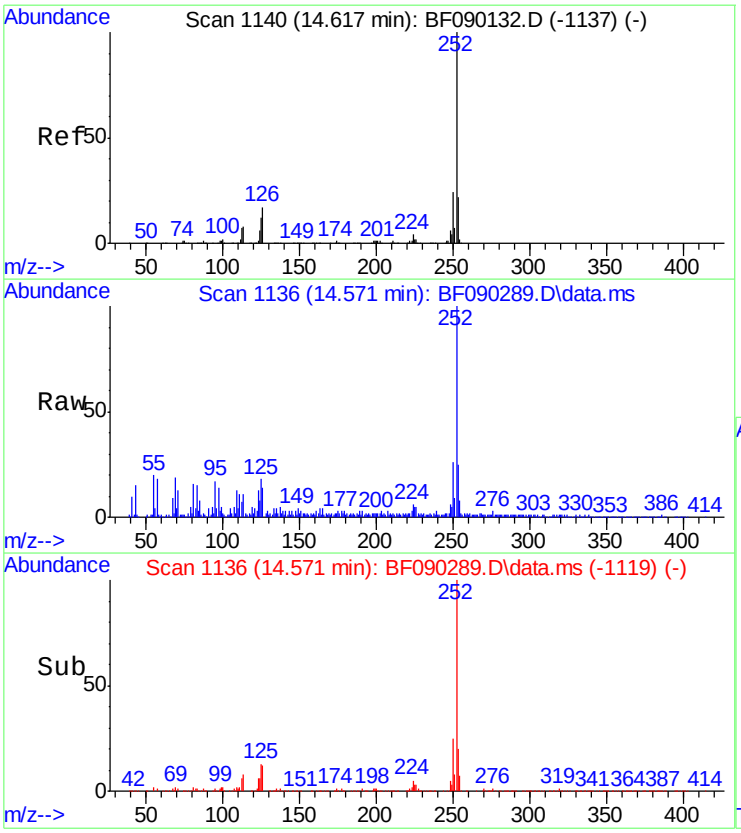
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.914 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 239855

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.8	17.0	25.4

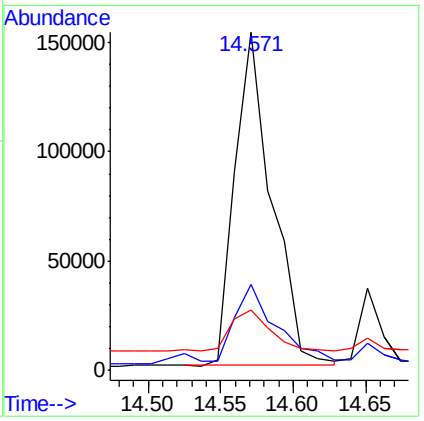


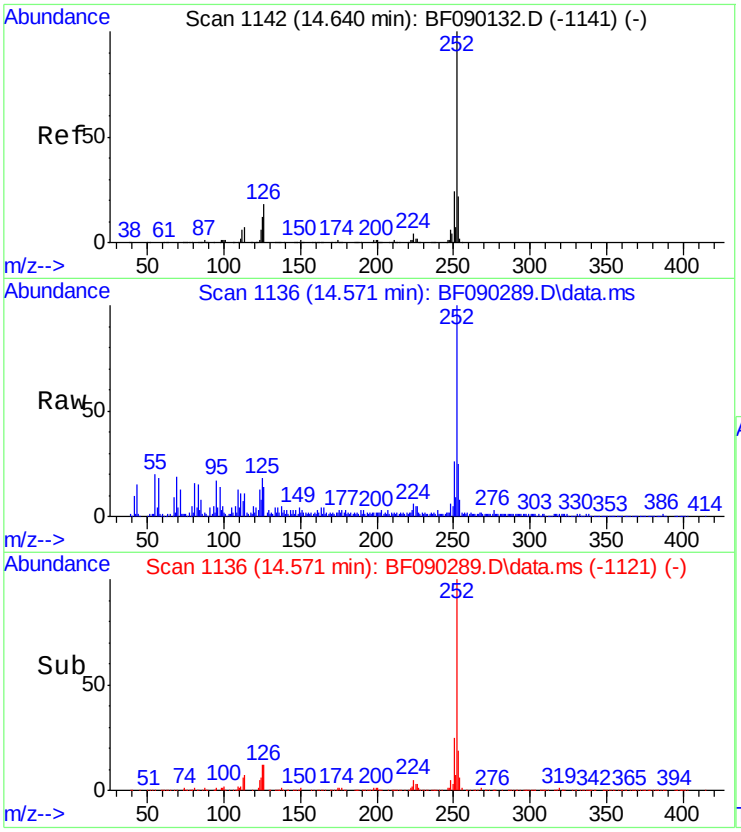


#87
Benzo(b)fluoranthene
Concen: 20.20 ng
RT: 14.571 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:252 Resp: 268306

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	17.8	12.7	19.1



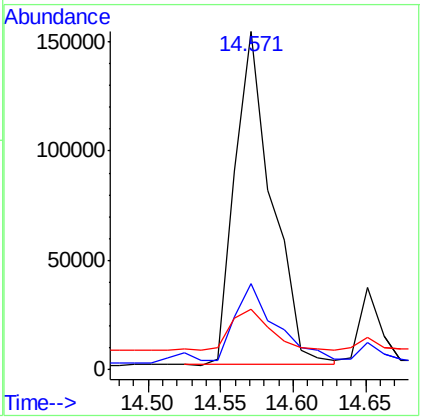


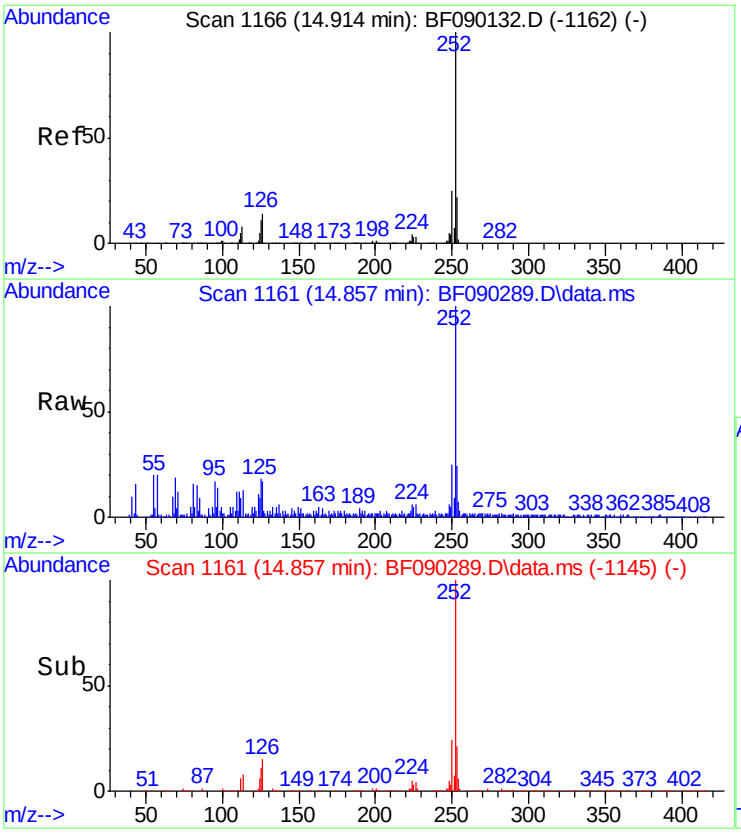
#88
Benzo(k)fluoranthene
Concen: 21.52 ng
RT: 14.571 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 268306

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.8
125	17.8	7.8	11.6#

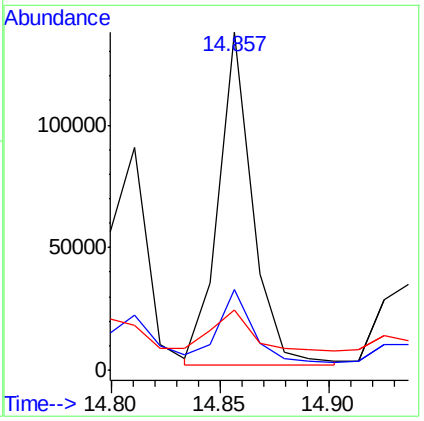


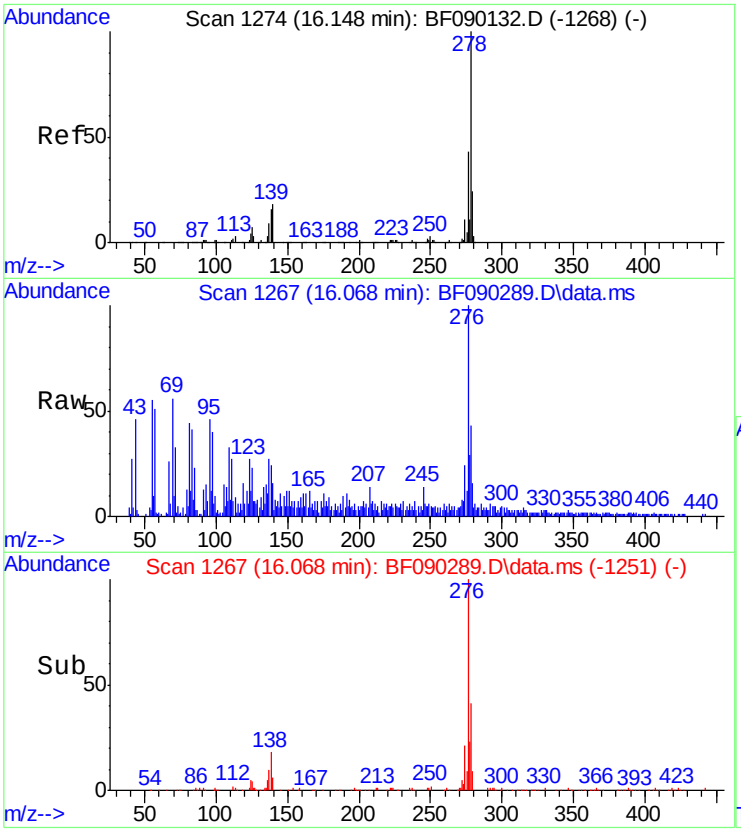


#89
Benzo(a)pyrene
Concen: 11.80 ng
RT: 14.857 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:252 Resp: 147429

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	17.8	7.7	11.5#



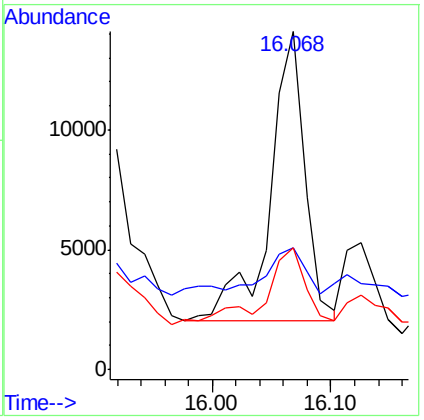


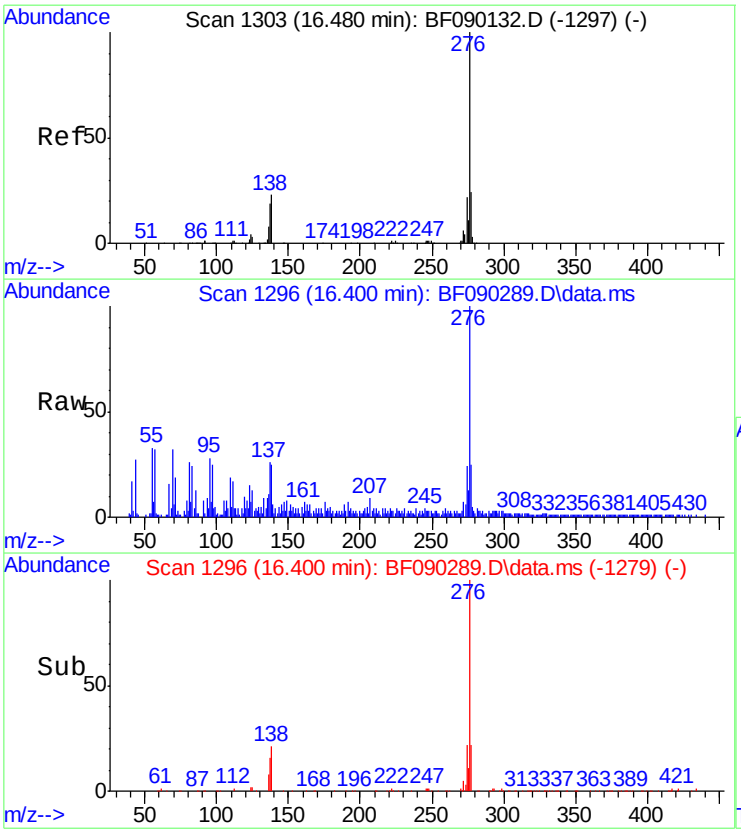
#90
Dibenzo(a,h)anthracene
Concen: 2.53 ng
RT: 16.068 min Scan# 12
Delta R.T. -0.012 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 24647

Ion	Ratio	Lower	Upper
278	100		
139	36.2	14.6	21.8#
279	36.1	18.8	28.2#





#91
Benzo(g,h,i)perylene
Concen: 9.48 ng
RT: 16.400 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF090289.D
Acq: 29 Sep 2016 13:16

Tgt Ion:276 Resp: 90483

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.9	28.3
138	25.3	23.3	34.9