Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF092816\
Data File : BF090280.D
Acq On : 28 Sep 2016 15:10
Operator : UM/SJ
Sample : H4982-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 28 17:08:15 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	6.467	152	147672	20.00	ng		-0.01
21) Naphthalene-d8	7.759	136	552378	20.00	ng		-0.01
38) Acenaphthene-d10	9.496	164	294897	20.00	ng		-0.01
63) Phenanthrene-d10	10.971	188	446082	20.00	ng		-0.01
75) Chrysene-d12	13.577	240	301859	20.00	ng		-0.02
86) Perylene-d12	14.903	264	288399	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.016	112	162341	17.92	ng		-0.01
7) Phenol-d6	6.125	99	228935	20.46	ng		-0.01
23) Nitrobenzene-d5	7.039	82	128345	13.47	ng		-0.02
41) 2,4,6-Tribromophenol	10.285	330	44822	17.72	ng		-0.01
44) 2-Fluorobiphenyl	8.833	172	244327	16.27	ng		-0.02
78) Terphenyl-d14	12.548	244	177875	14.96	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.233	163	57751	3.07	ng	#	99
70) Phenanthrene	10.994	178	52792	2.53	ng		97
74) Fluoranthene	12.159	202	85930	3.84	ng		99
77) Pyrene	12.388	202	84601	4.10	ng		98
80) Benzo(a)anthracene	13.565	228	41237	2.54	ng	#	91
82) Chrysene	13.565	228	41237	2.61	ng		95
87) Benzo(b)fluoranthene	14.560	252	63576	3.98	ng	#	93
88) Benzo(k)fluoranthene	14.560	252	63576	4.24	ng	#	88
89) Benzo(a)pyrene	14.845	252	32649	2.17	ng	#	81

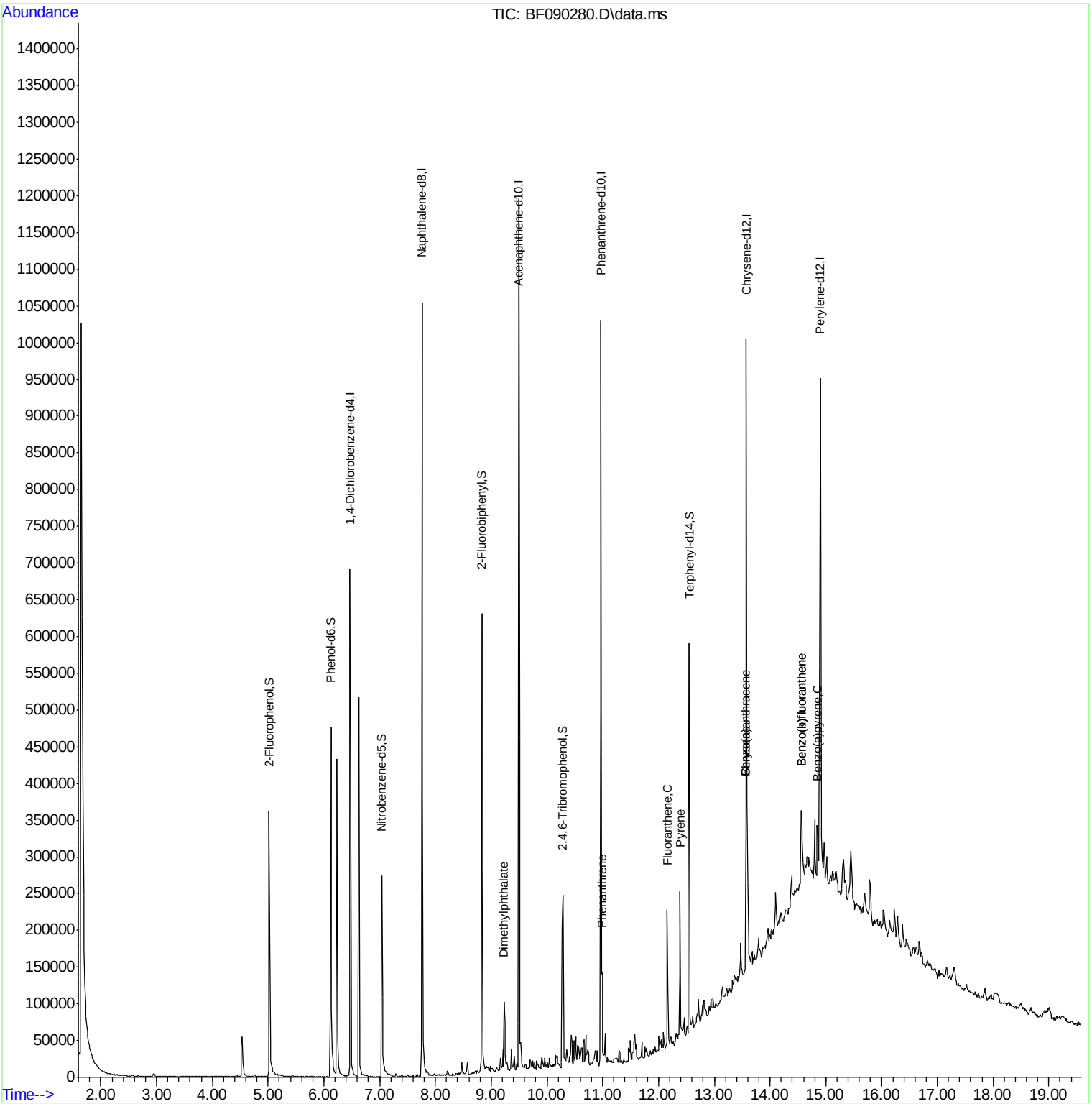
(#) = qualifier out of range (m) = manual integration (+) = signals summed

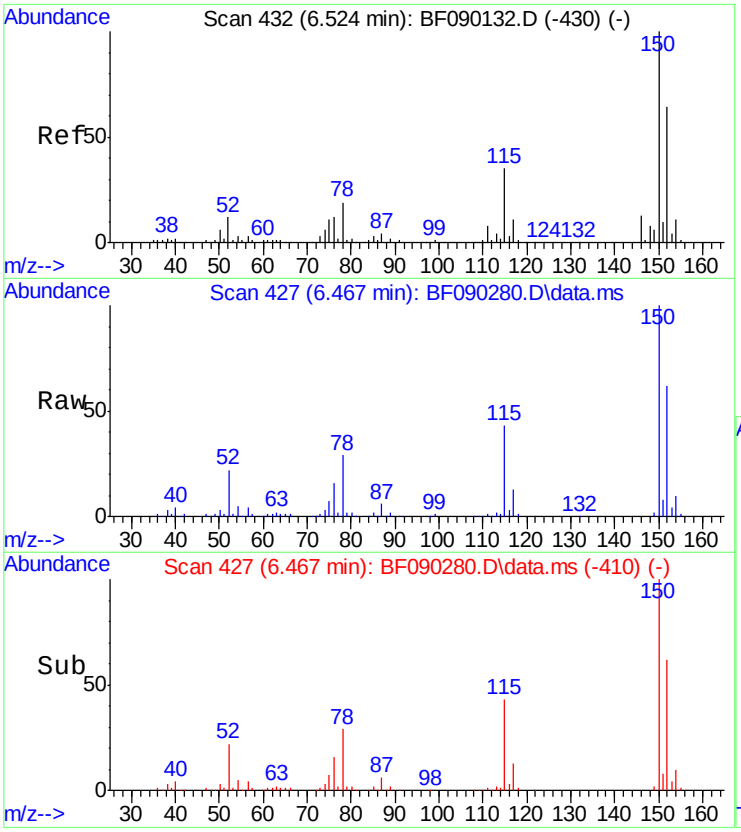
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF092816\
Data File : BF090280.D
Acq On : 28 Sep 2016 15:10
Operator : UM/SJ
Sample : H4982-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 28 17:08:15 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



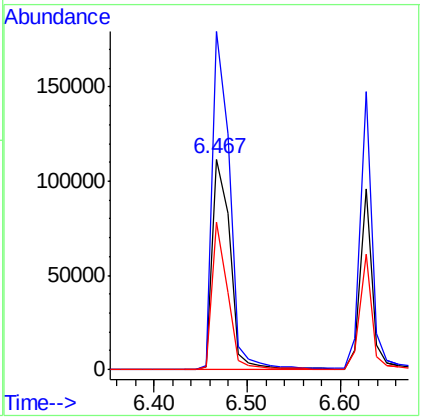


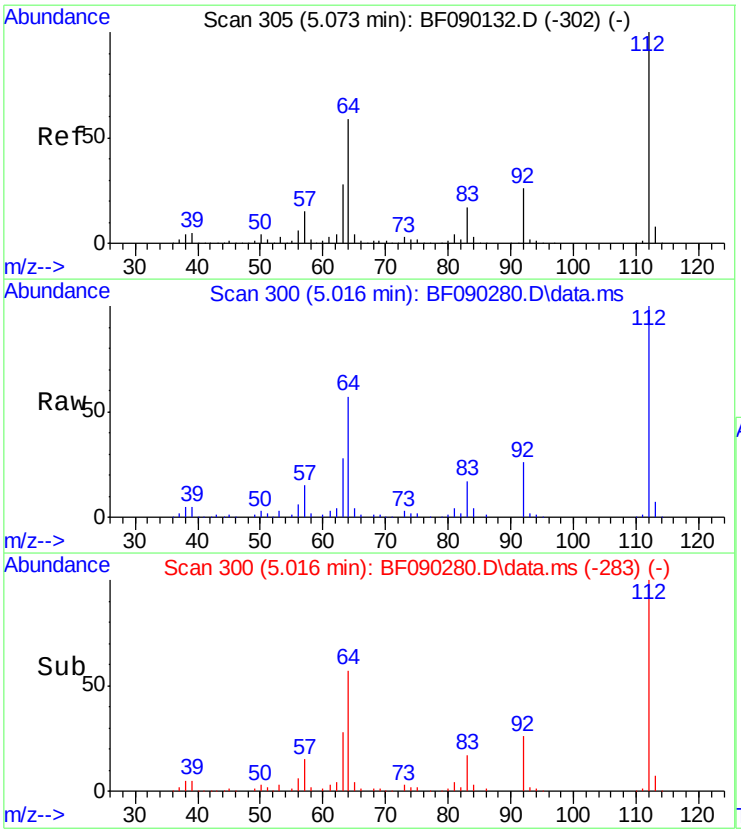
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.467 min Scan# 42
Delta R.T. -0.011 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 147672

Ion	Ratio	Lower	Upper
152	100		
150	160.8	128.9	193.3
115	69.8	55.5	83.3

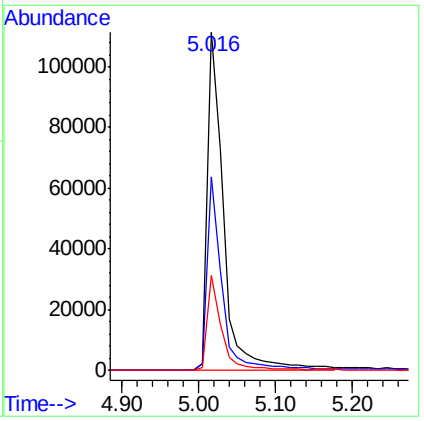


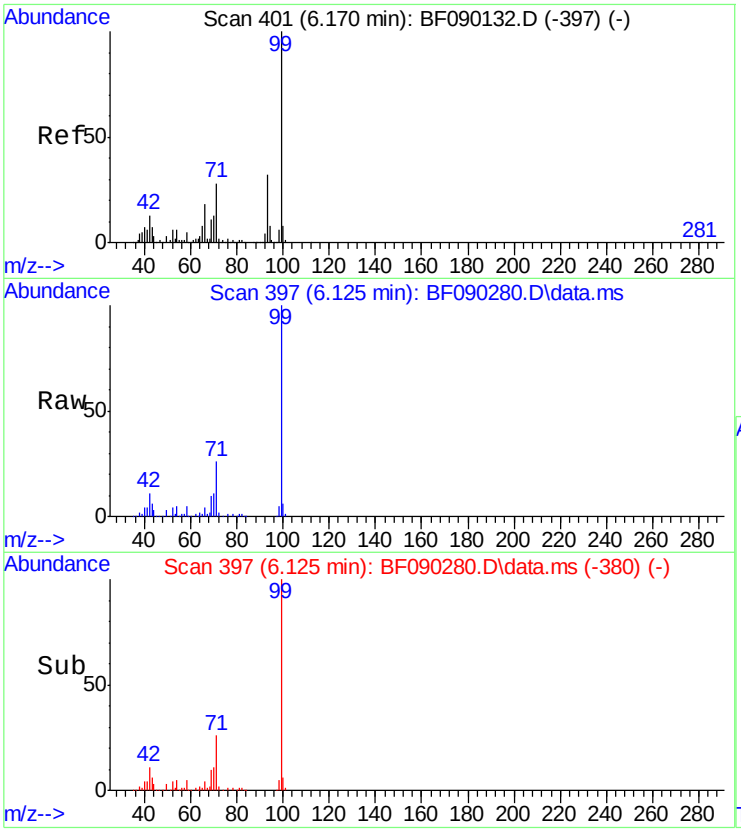


#5
2-Fluorophenol
Concen: 17.92 ng
RT: 5.016 min Scan# 300
Delta R.T. -0.011 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Tgt Ion:112 Resp: 162341

Ion	Ratio	Lower	Upper
112	100		
64	57.1	39.8	59.6
63	28.2	18.9	28.3



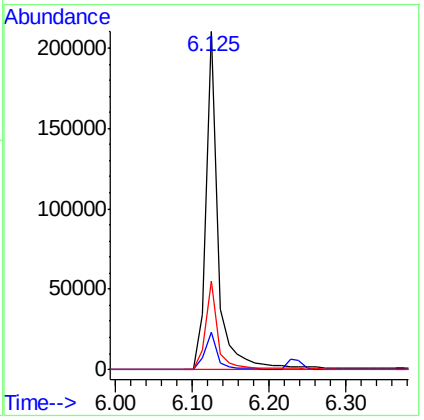


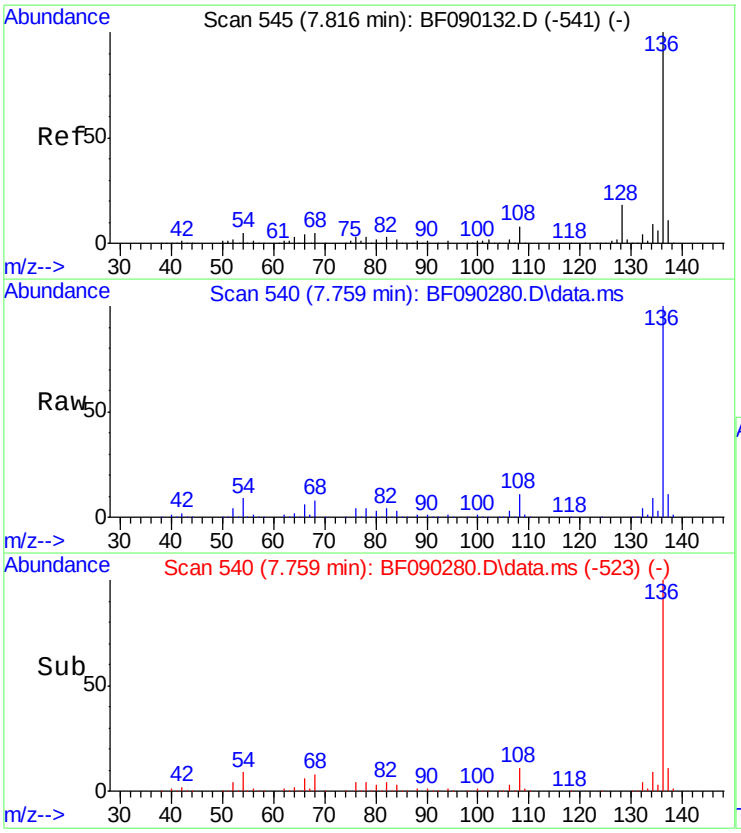
#7
Phenol-d6
Concen: 20.46 ng
RT: 6.125 min Scan# 39
Delta R.T. -0.011 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 228935

Ion	Ratio	Lower	Upper
99	100		
42	11.1	10.6	15.8
71	26.3	23.0	34.6

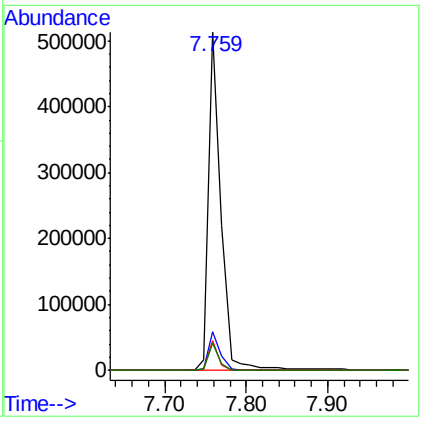


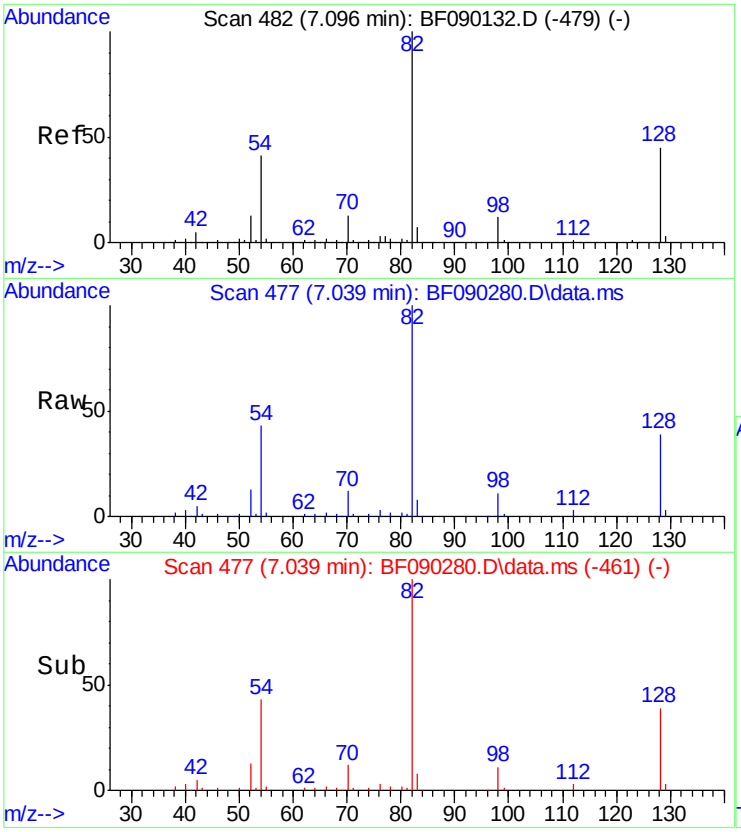


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.759 min Scan# 540
Delta R.T. -0.011 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Tgt Ion:136 Resp: 552378

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.7	6.4	9.6
68	7.9	6.3	9.5



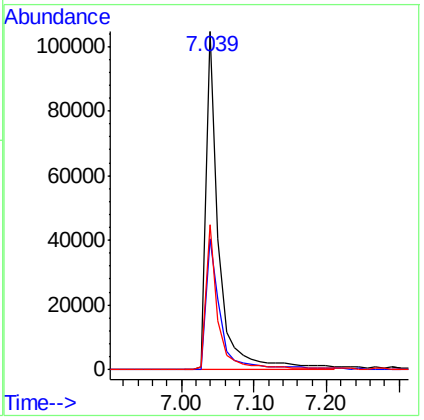


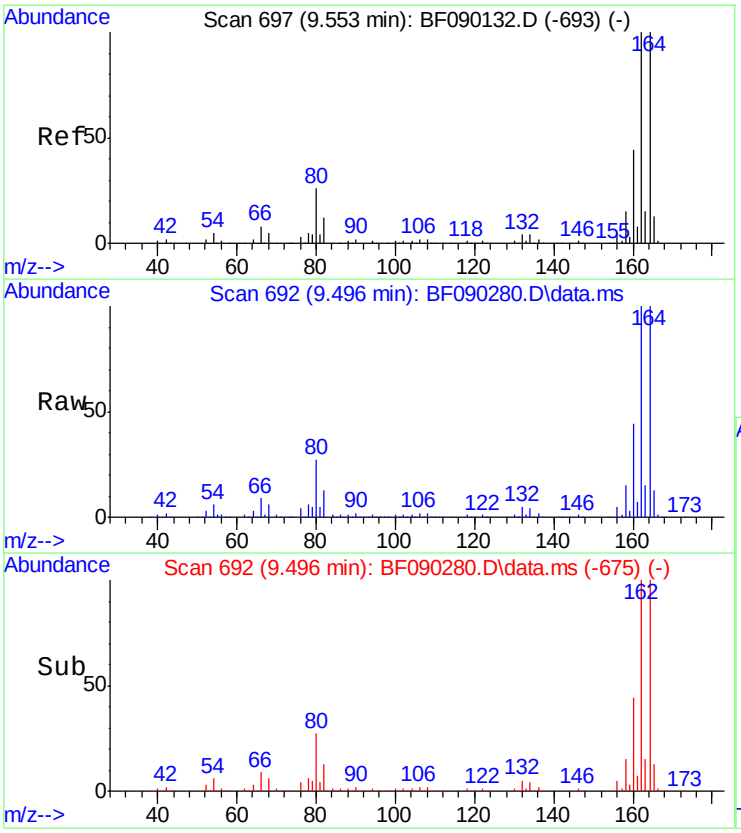
#23
Nitrobenzene-d5
Concen: 13.47 ng
RT: 7.039 min Scan# 47
Delta R.T. -0.023 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 128345

Ion	Ratio	Lower	Upper
82	100		
128	38.8	37.5	56.3
54	43.0	31.9	47.9

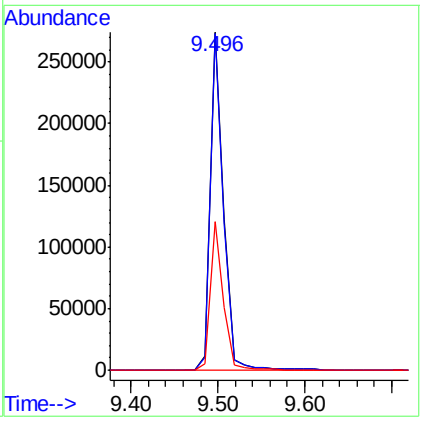


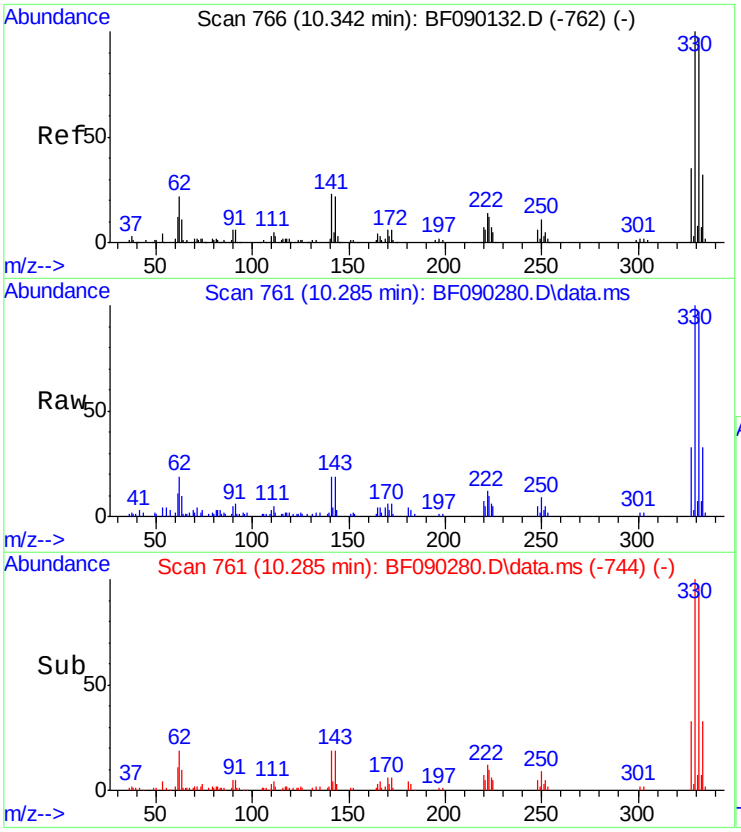


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.496 min Scan# 692
Delta R.T. -0.011 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Tgt Ion:164 Resp: 294897

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.4	122.2
160	44.0	36.6	54.8



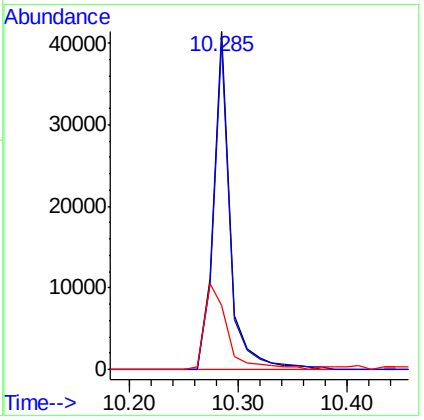


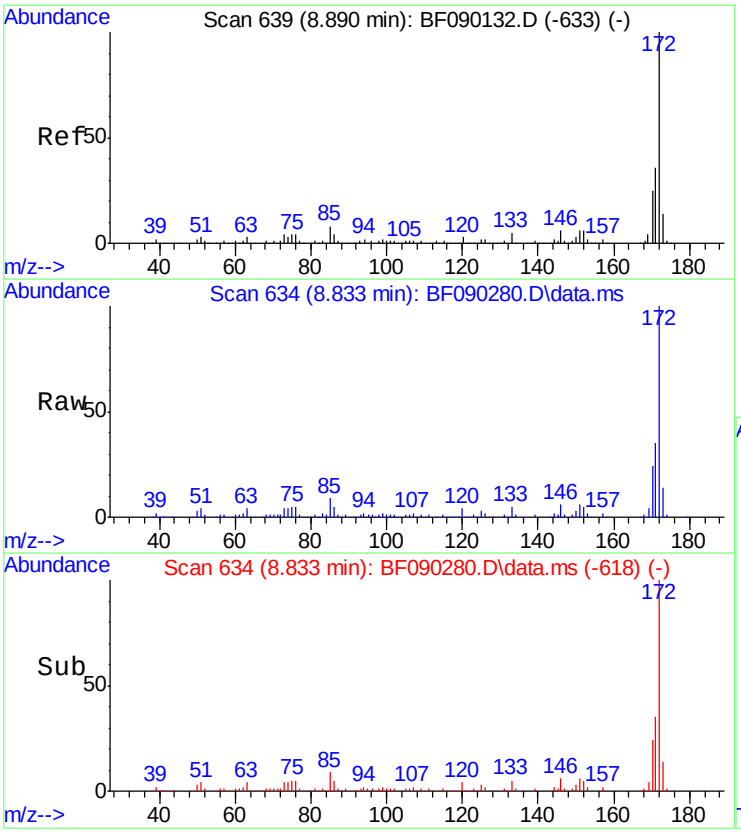
#41
2,4,6-Tribromophenol
Concen: 17.72 ng
RT: 10.285 min Scan# 76
Delta R.T. -0.011 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 44822

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	35.0	23.9	35.9

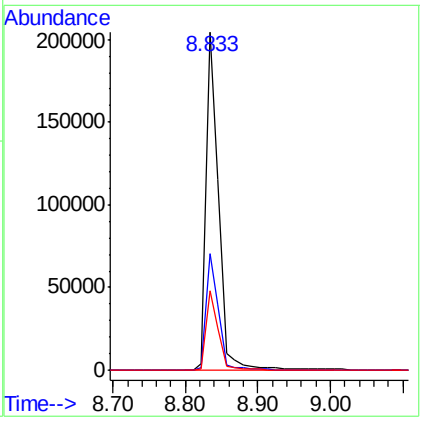


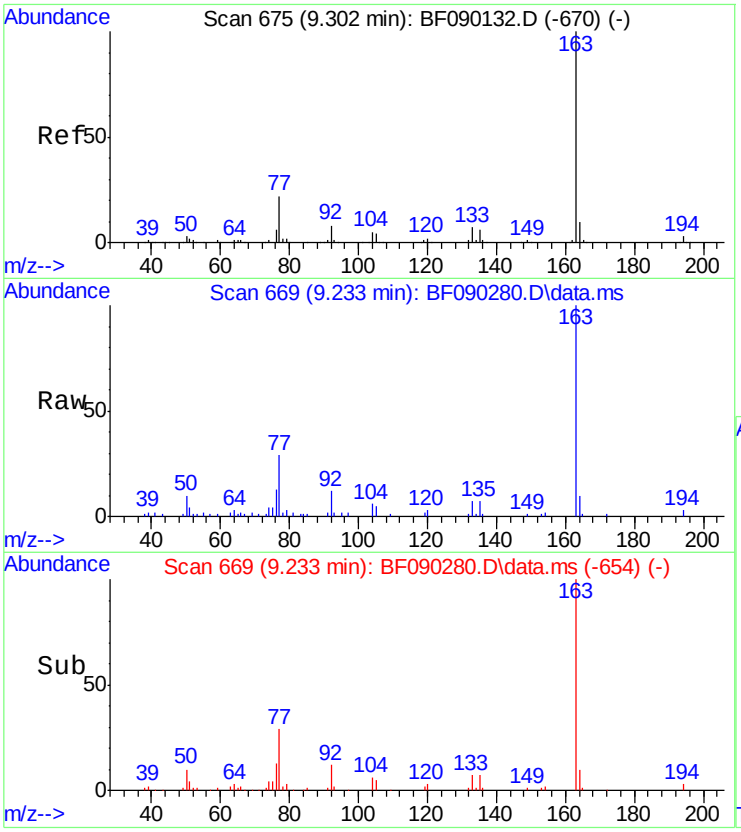


#44
2-Fluorobiphenyl
Concen: 16.27 ng
RT: 8.833 min Scan# 634
Delta R.T. -0.023 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Tgt Ion:172 Resp: 244327

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.2	43.8
170	23.7	19.8	29.8



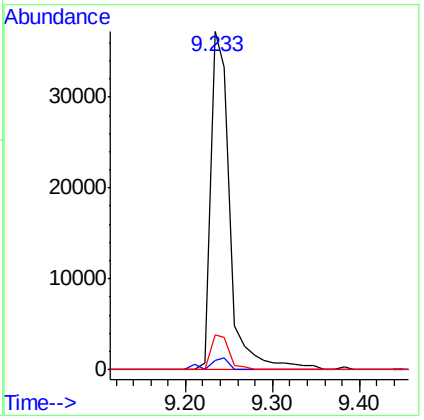


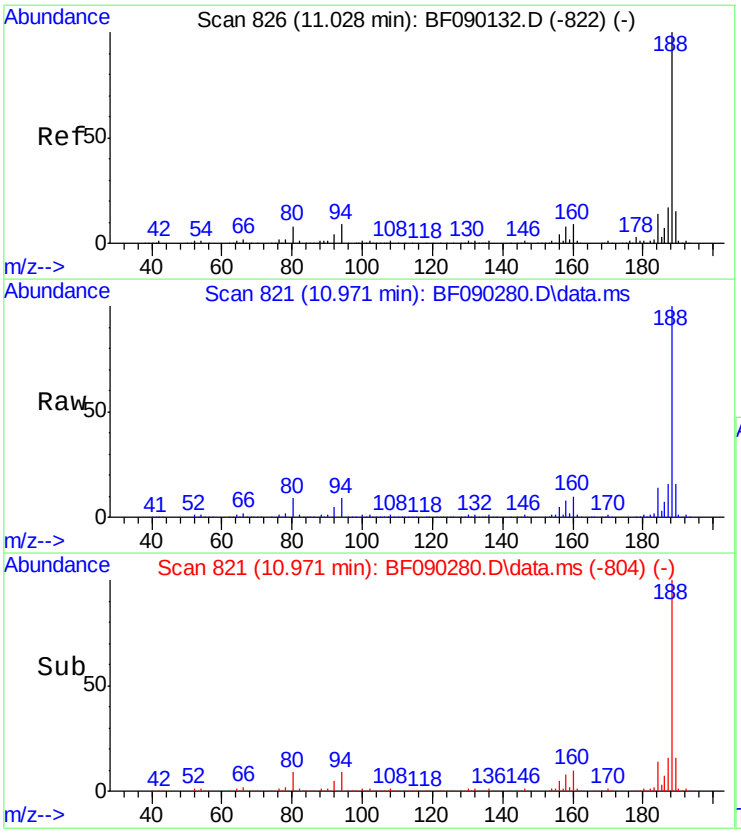
#49
Dimethylphthalate
Concen: 3.07 ng
RT: 9.233 min Scan# 66
Delta R.T. -0.034 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 57751

Ion	Ratio	Lower	Upper
163	100		
194	2.5	2.8	4.2#
164	10.4	8.1	12.1

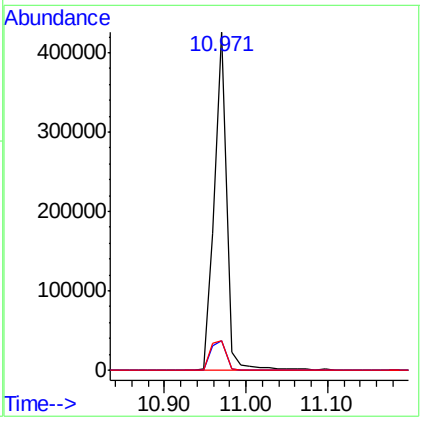


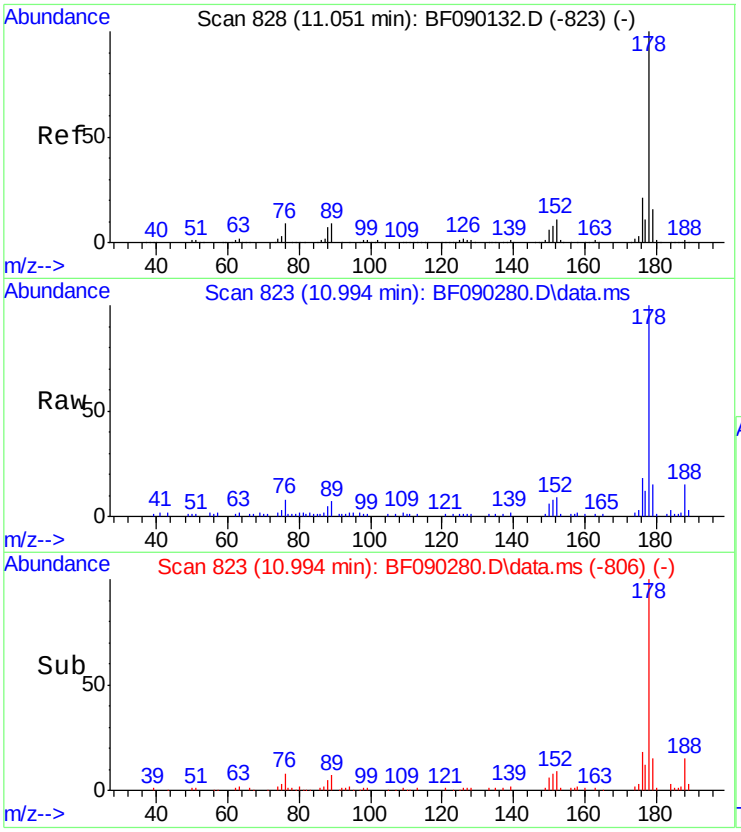


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.971 min Scan# 821
Delta R.T. -0.011 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Tgt Ion:188 Resp: 446082

Ion	Ratio	Lower	Upper
188	100		
94	8.7	10.5	15.7#
80	8.8	11.2	16.8#



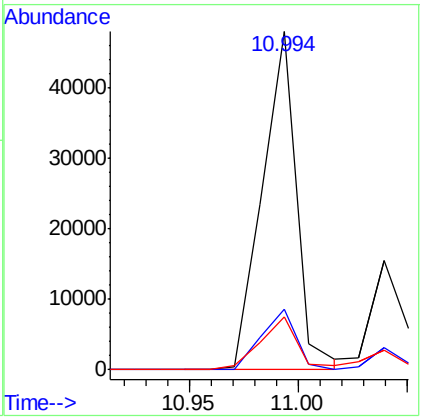


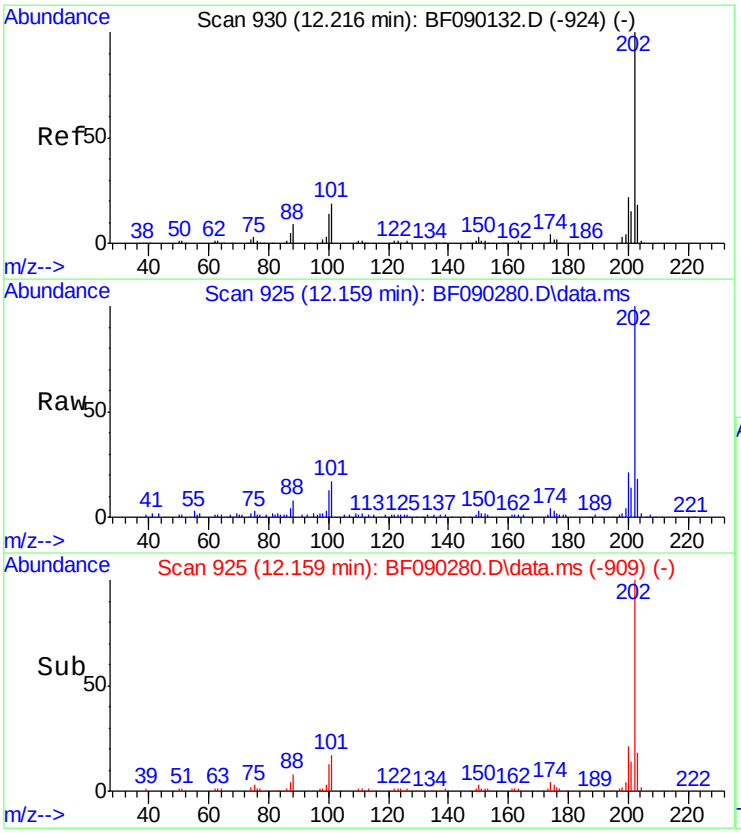
#70
Phenanthrene
Concen: 2.53 ng
RT: 10.994 min Scan# 82
Delta R.T. -0.011 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 52792

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.9	23.9
179	15.4	12.9	19.3

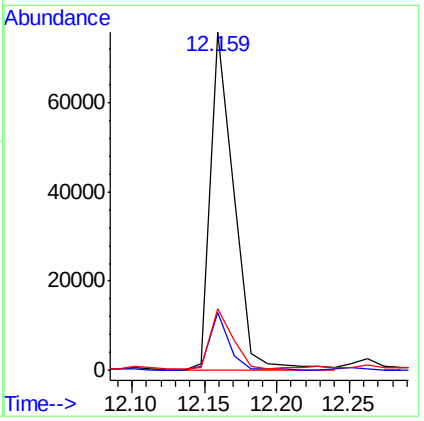


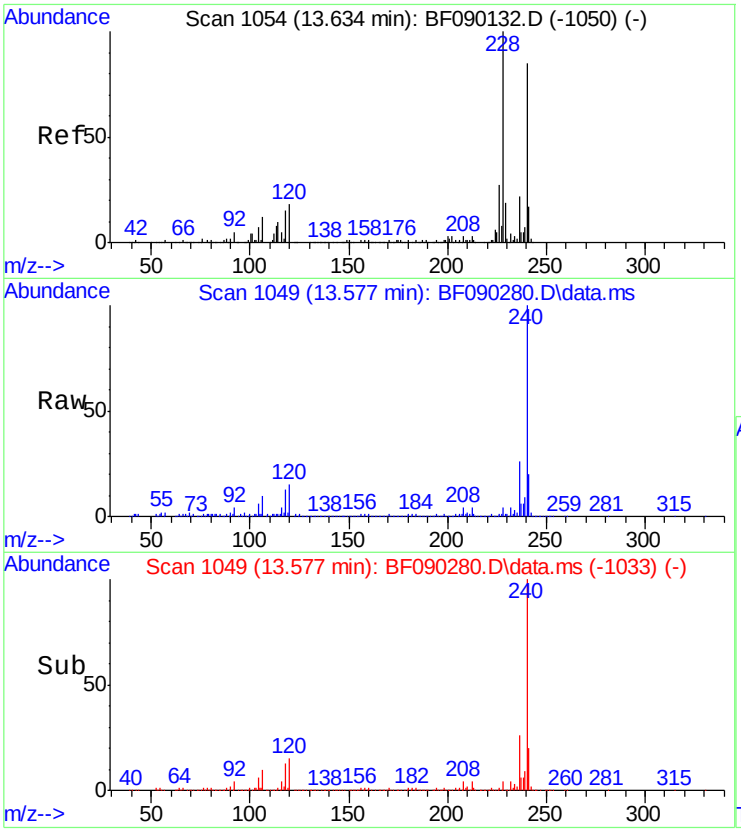


#74
Fluoranthene
Concen: 3.84 ng
RT: 12.159 min Scan# 925
Delta R.T. -0.023 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Tgt Ion:202 Resp: 85930

Ion	Ratio	Lower	Upper
202	100		
101	17.2	0.0	36.1
203	18.1	0.0	38.2



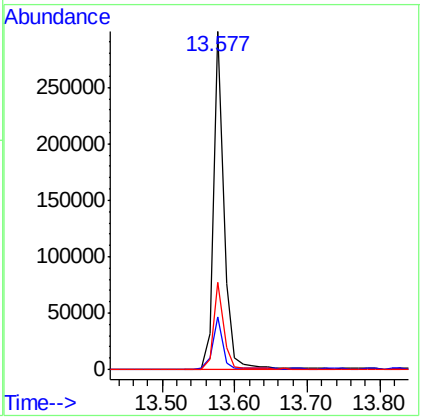


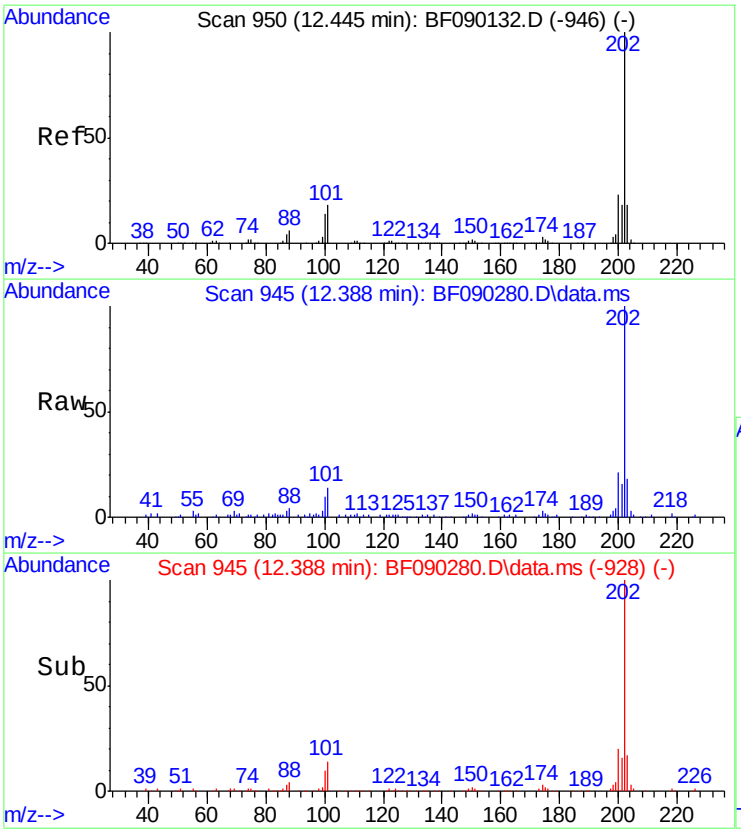
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.577 min Scan# 10
Delta R.T. -0.023 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 301859

Ion	Ratio	Lower	Upper
240	100		
120	15.5	10.6	16.0
236	26.0	21.6	32.4

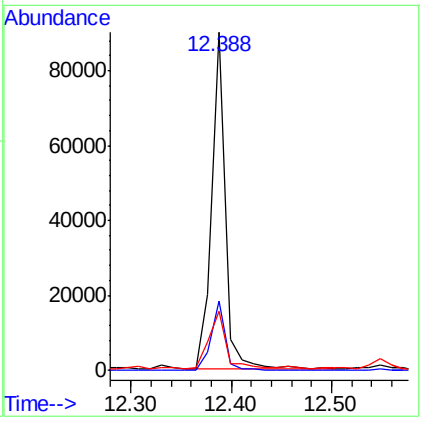


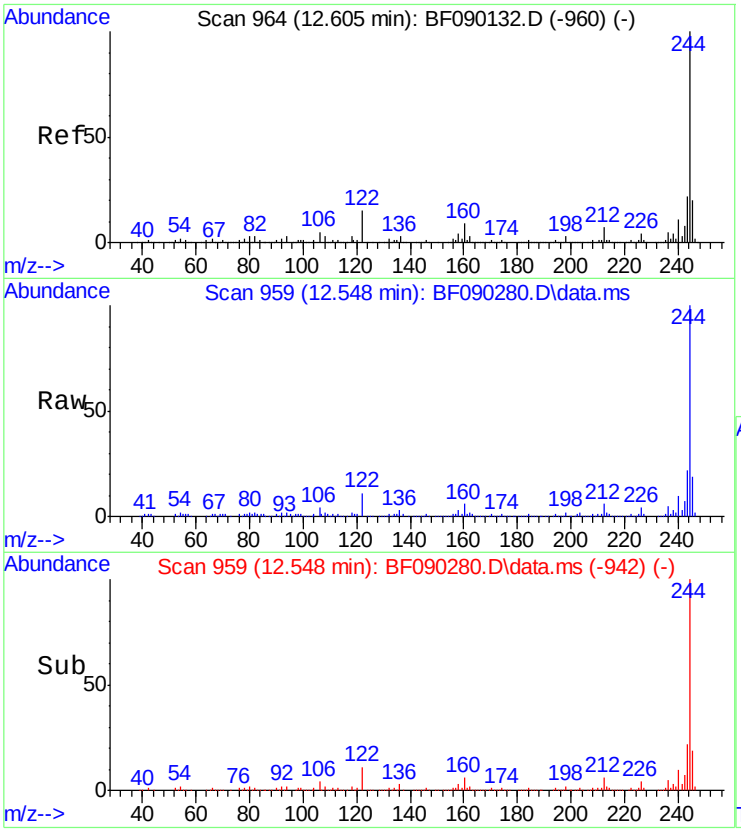


#77
Pyrene
Concen: 4.10 ng
RT: 12.388 min Scan# 945
Delta R.T. -0.011 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Tgt Ion:202 Resp: 84601

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.9	26.9
203	17.6	14.2	21.4



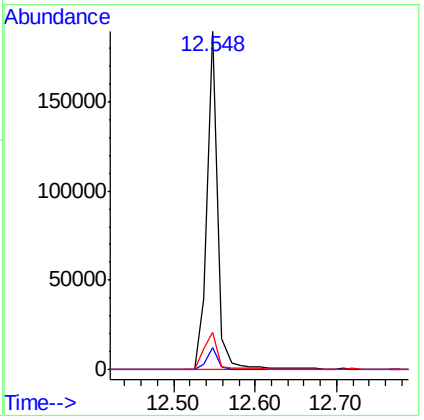


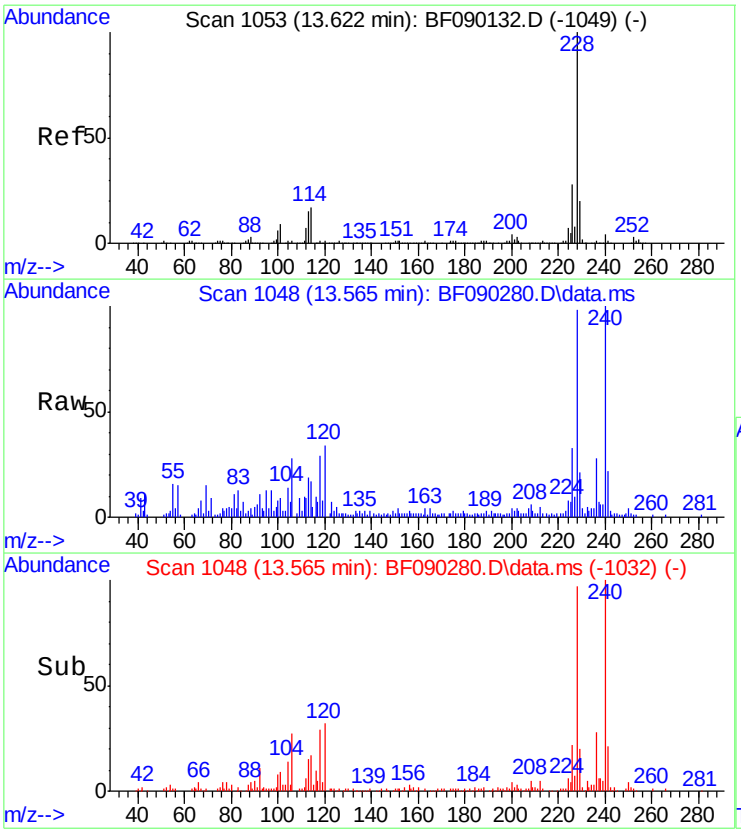
#78
Terphenyl-d14
Concen: 14.96 ng
RT: 12.548 min Scan# 95
Delta R.T. -0.011 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 177875

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	11.1	9.4	14.0

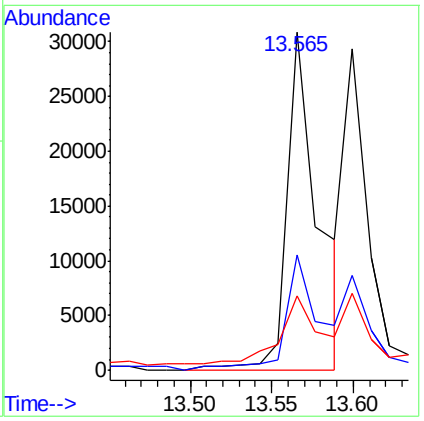


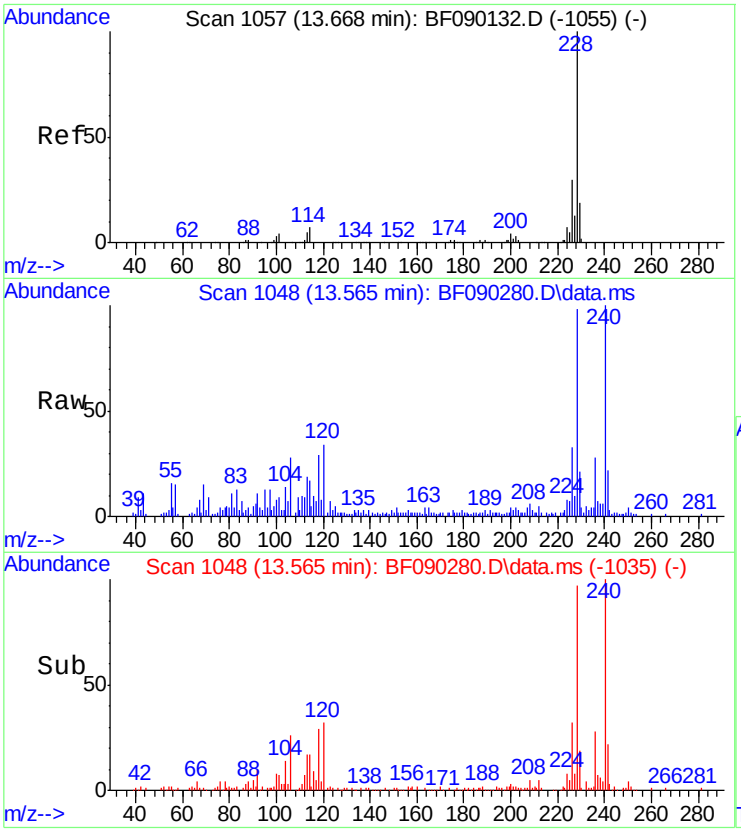


#80
Benzo(a)anthracene
Concen: 2.54 ng
RT: 13.565 min Scan# 1048
Delta R.T. -0.023 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Tgt Ion:228 Resp: 41237

Ion	Ratio	Lower	Upper
228	100		
226	33.9	22.0	33.0#
229	21.9	16.2	24.2



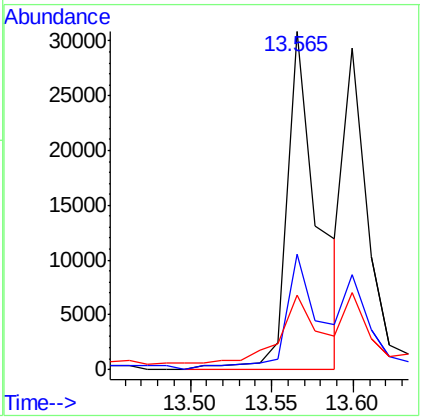


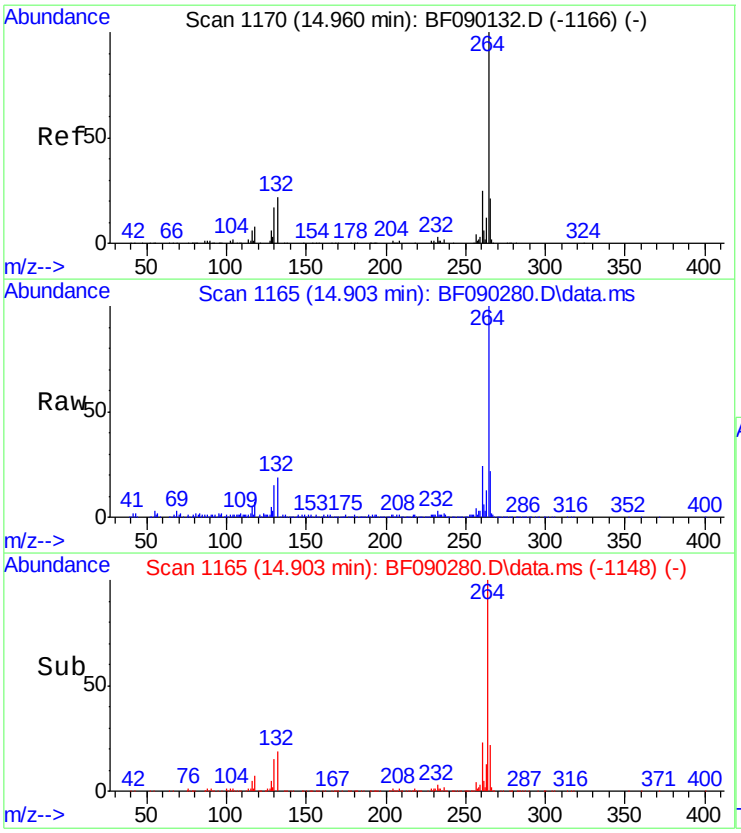
#82
Chrysene
Concen: 2.61 ng
RT: 13.565 min Scan# 10
Delta R.T. -0.057 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 41237

Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.6	37.0
229	21.9	16.2	24.4

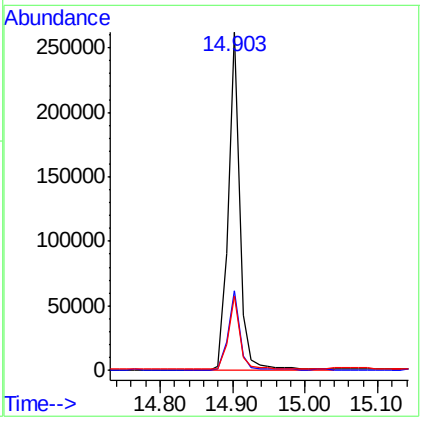


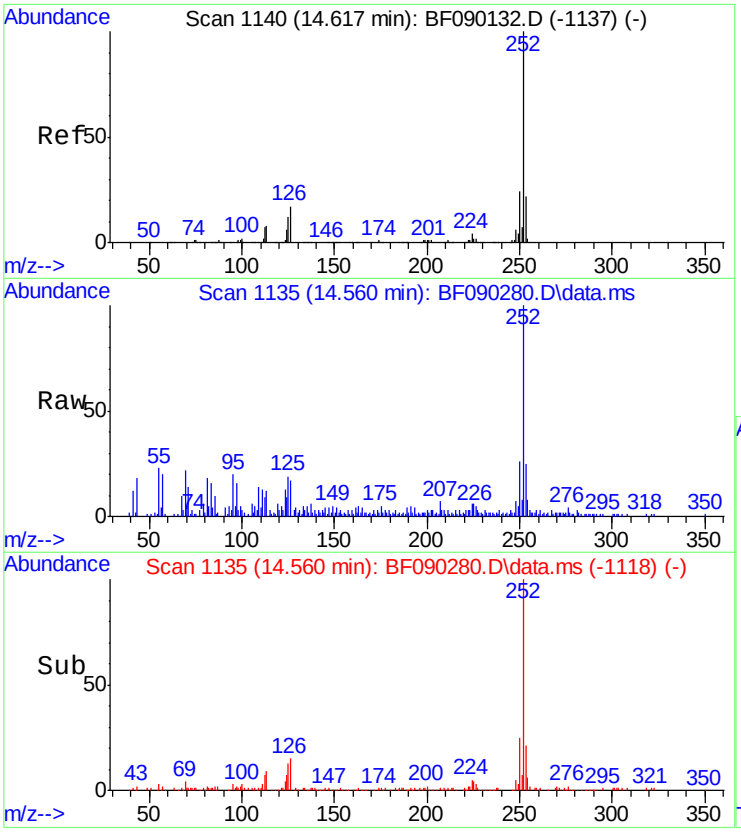


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.903 min Scan# 1165
Delta R.T. -0.011 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Tgt Ion:264 Resp: 288399

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.2	17.0	25.4



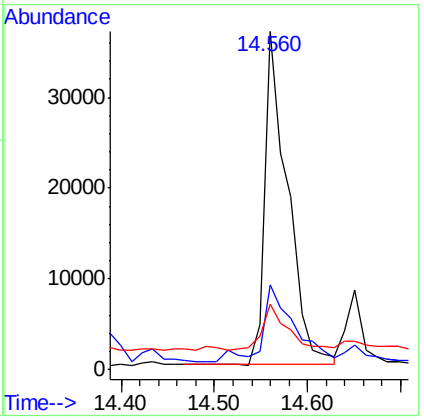


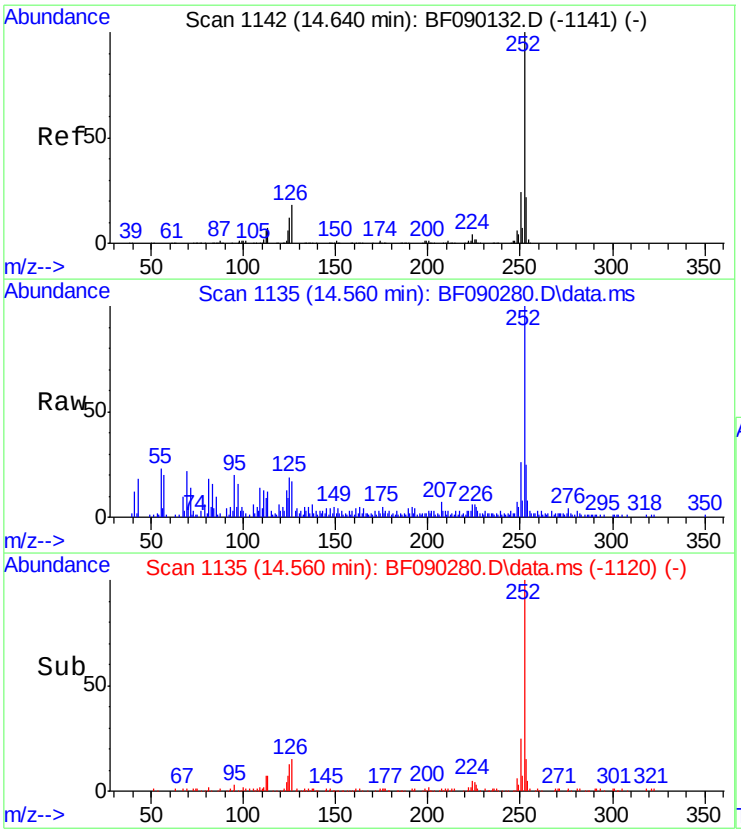
#87
Benzo(b)fluoranthene
Concen: 3.98 ng
RT: 14.560 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 63576

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	19.3	12.7	19.1#

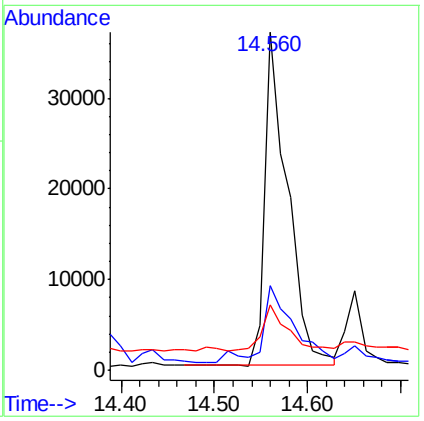


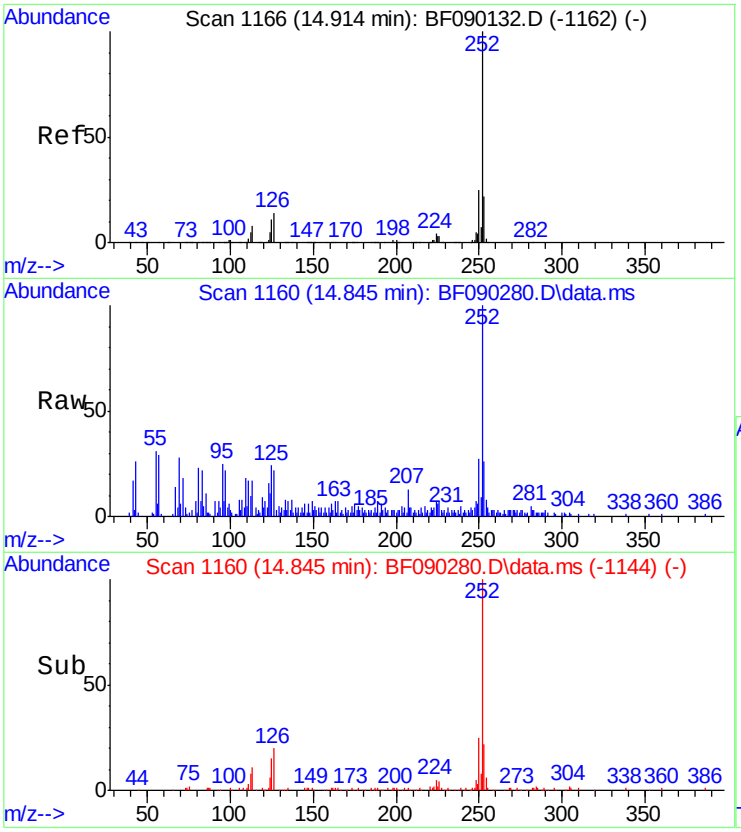


#88
Benzo(k)fluoranthene
Concen: 4.24 ng
RT: 14.560 min Scan# 1135
Delta R.T. -0.034 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Tgt Ion:252 Resp: 63576

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	19.3	7.8	11.6#





#89
Benzo(a)pyrene
Concen: 2.17 ng
RT: 14.845 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF090280.D
Acq: 28 Sep 2016 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 32649

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.4	26.0#
125	24.3	7.7	11.5#