Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090175.D
Acq On : 21 Sep 2016 22:40
Operator : UM/SJ
Sample : H4856-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-8-1.5-2.5FT

Quant Time: Sep 22 01:56:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	147321	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	518666	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	245037	20.00	ng	-0.02
63) Phenanthrene-d10	11.00	188	362453	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	290108	20.00	ng	-0.02
86) Perylene-d12	14.94	264	303599	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1008502	111.58	ng	0.00
7) Phenol-d6	6.16	99	1296774	116.18	ng	-0.01
23) Nitrobenzene-d5	7.07	82	637047	71.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	219288	104.31	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1258206	100.80	ng	-0.01
78) Terphenyl-d14	12.58	244	780998	68.35	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.07	70	69908	10.66	ng	# 81
49) Dimethylphthalate	9.28	163	206545	13.23	ng	98
80) Benzo(a)anthracene	13.63	228	36337	2.33	ng	# 84
82) Chrysene	13.63	228	36337	2.39	ng	# 88
83) Bis(2-ethylhexyl)phthalate	13.63	149	43356	3.49	ng	100
87) Benzo(b)fluoranthene	14.59	252	35034	2.08	ng	# 77
88) Benzo(k)fluoranthene	14.59	252	35034	2.22	ng	# 73

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090175.D
Acq On : 21 Sep 2016 22:40
Operator : UM/SJ
Sample : H4856-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FT

Quant Time: Sep 22 01:56:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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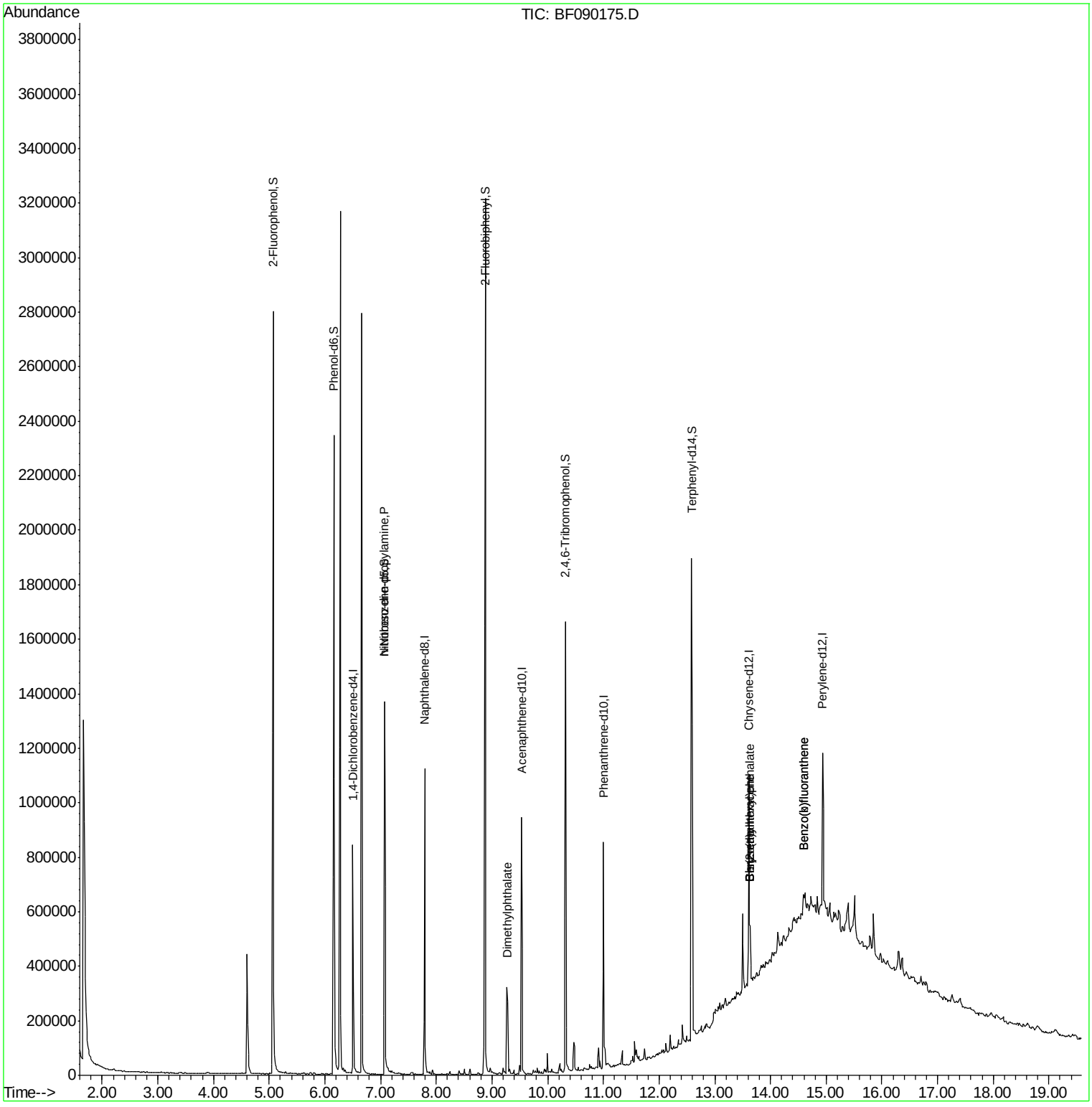
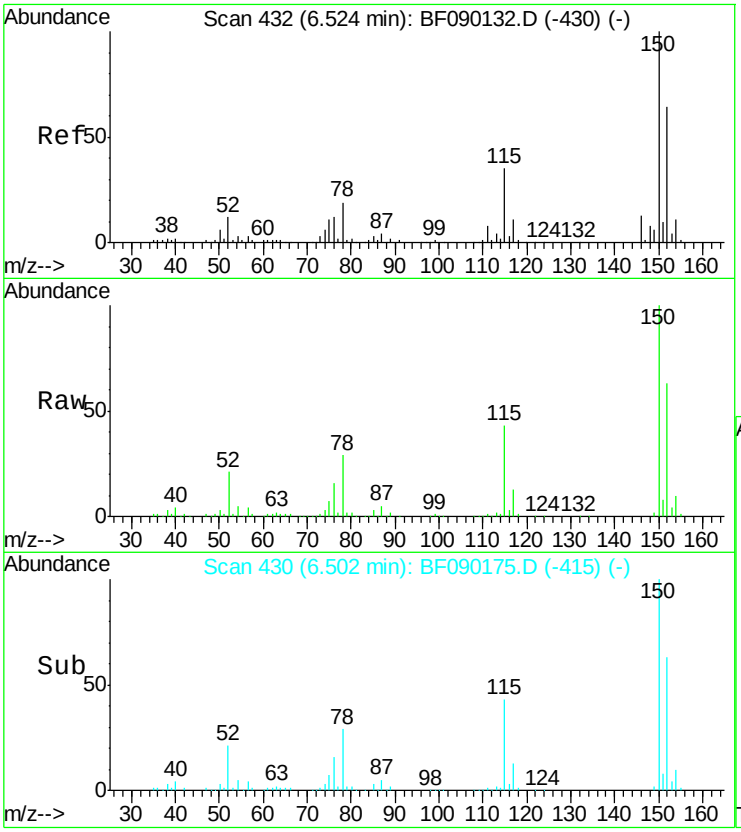


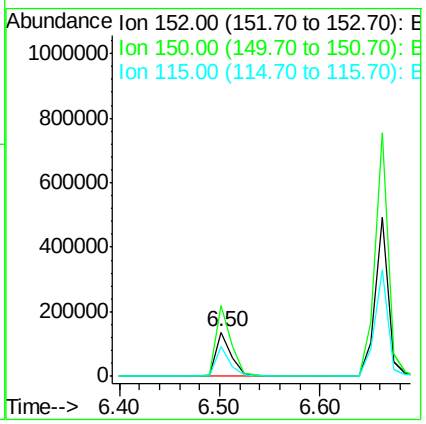


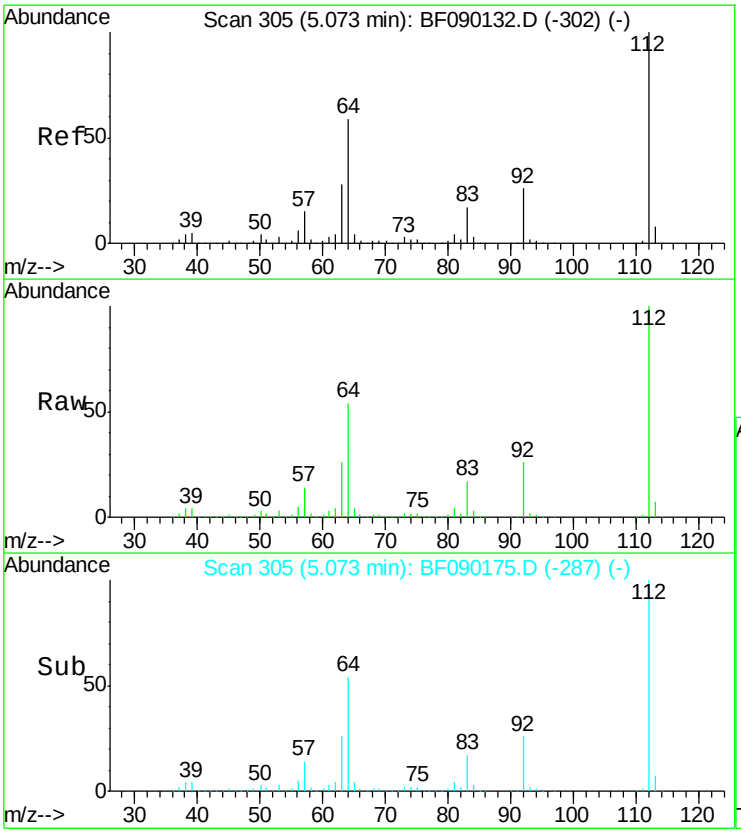
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FT

Tgt Ion:152 Resp: 147321

Ion	Ratio	Lower	Upper
152	100		
150	160.0	128.9	193.3
115	68.7	55.5	83.3

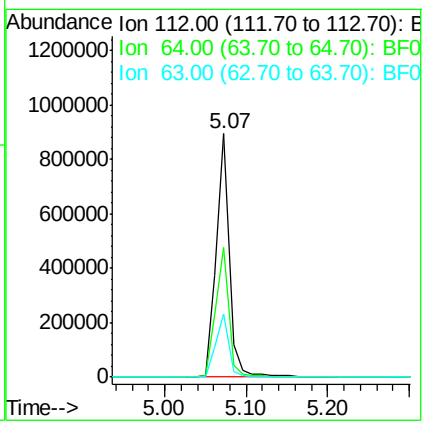


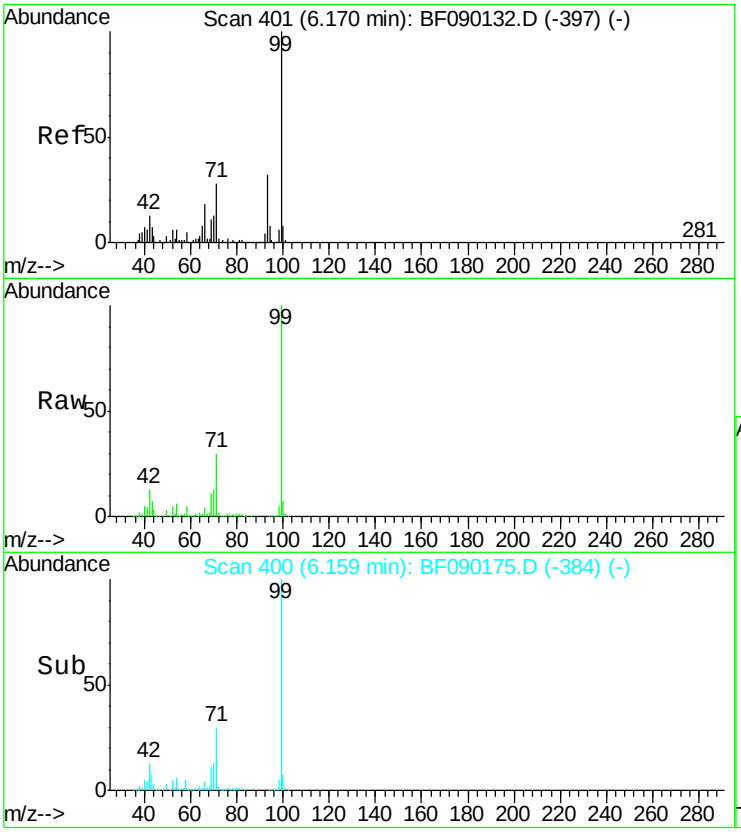


#5
2-Fluorophenol
Concen: 111.58 ng
RT: 5.07 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Tgt Ion:112 Resp: 1008502

Ion	Ratio	Lower	Upper
112	100		
64	53.5	39.8	59.6
63	26.0	18.9	28.3



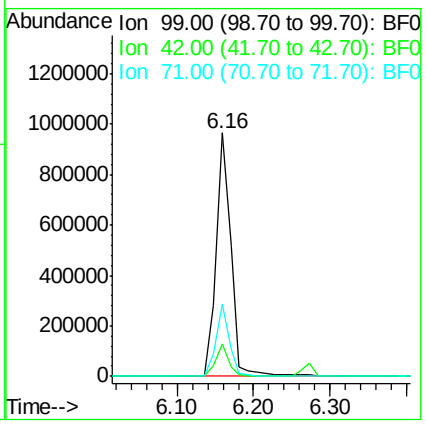


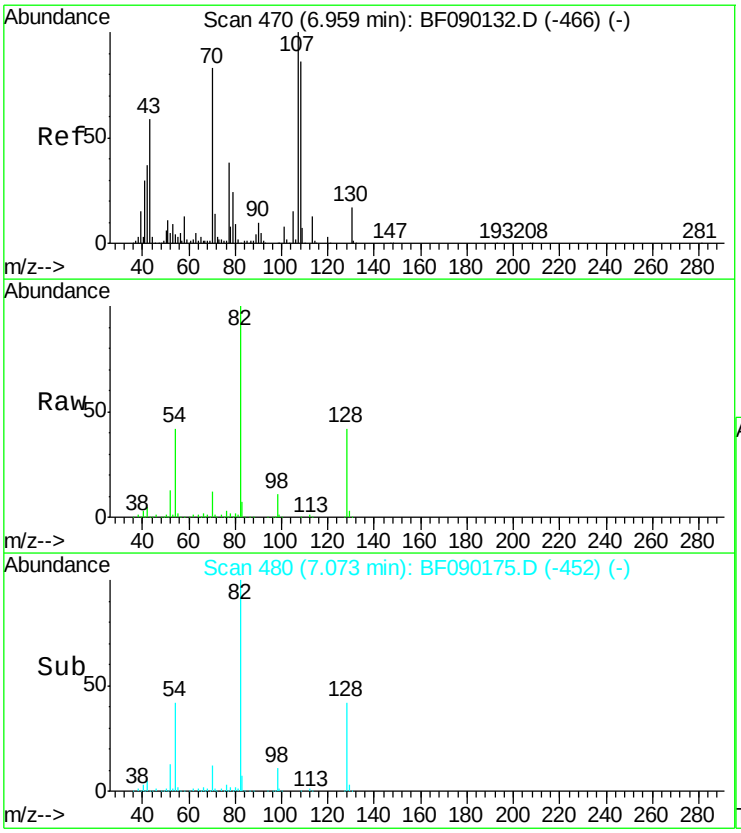
#7
Phenol-d6
Concen: 116.18 ng
RT: 6.16 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FT

Tgt Ion: 99 Resp: 1296774

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	15.8
71	29.8	23.0	34.6

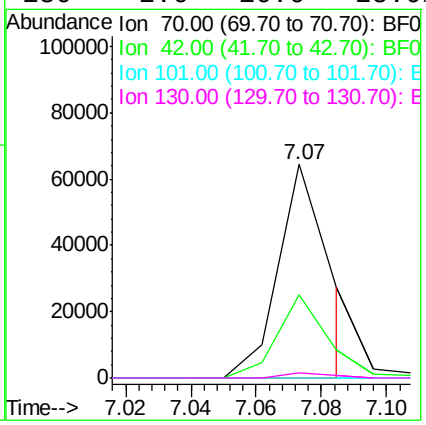


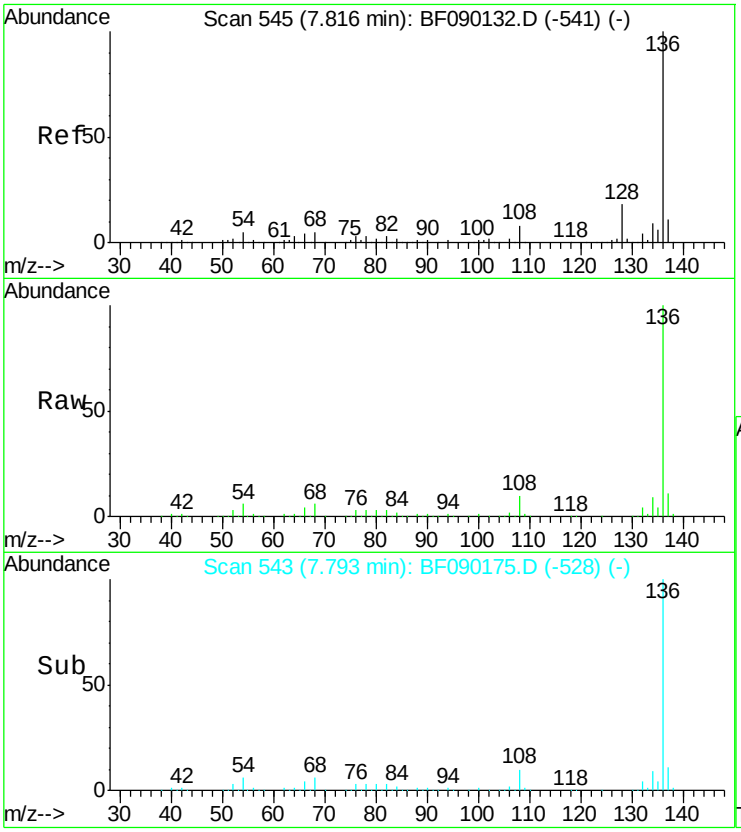


#19
n-Nitroso-di-n-propylamine
Concen: 10.66 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.12 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Tgt Ion: 70 Resp: 69908

Ion	Ratio	Lower	Upper
70	100		
42	38.9	35.1	52.7
101	0.0	7.5	11.3#
130	2.6	16.6	25.0#



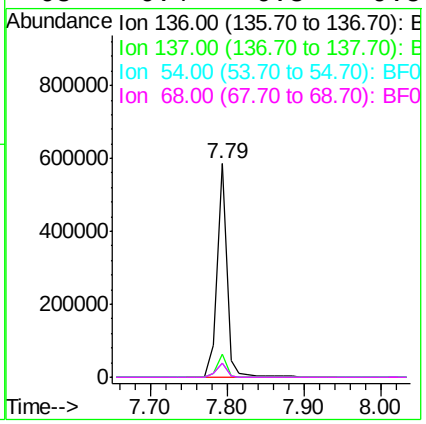


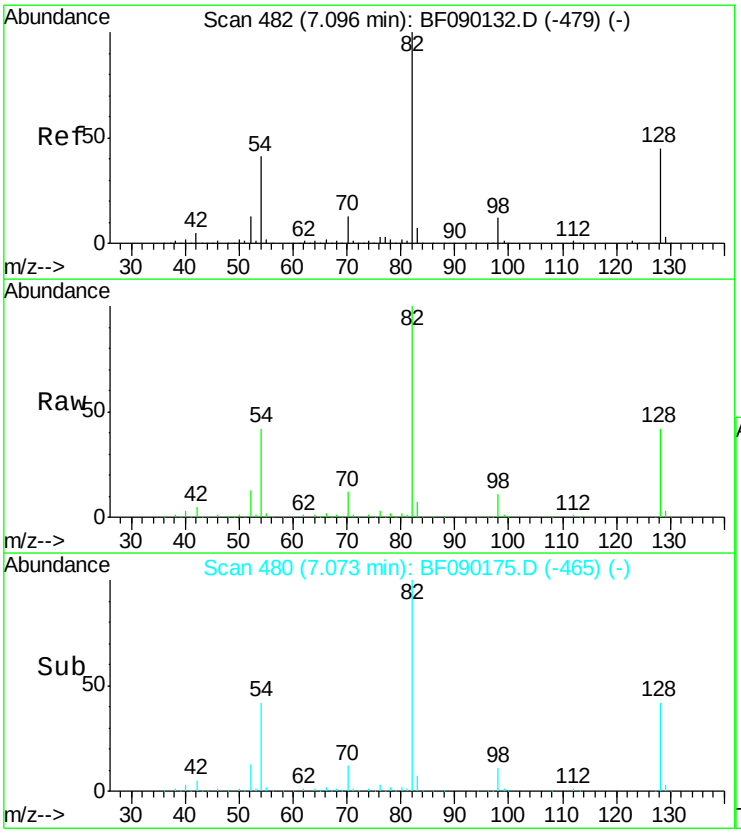
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FT

Tgt Ion:136 Resp: 518666

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.3	6.4	9.6#
68	6.4	6.3	9.5

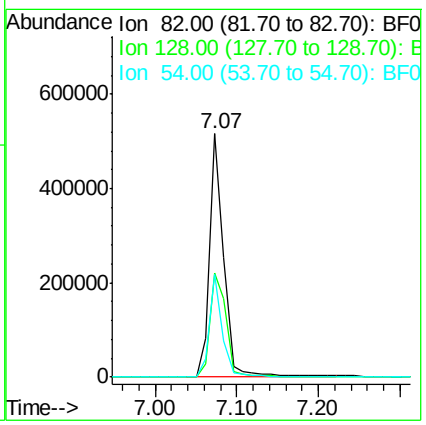


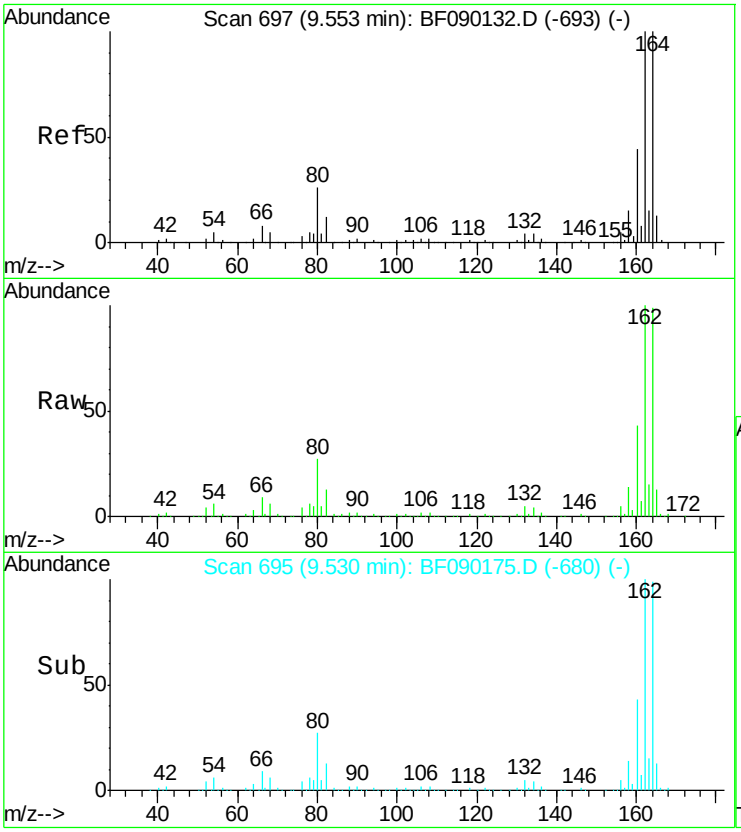


#23
Nitrobenzene-d5
Concen: 71.20 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Tgt Ion: 82 Resp: 637047

Ion	Ratio	Lower	Upper
82	100		
128	42.5	37.5	56.3
54	42.4	31.9	47.9



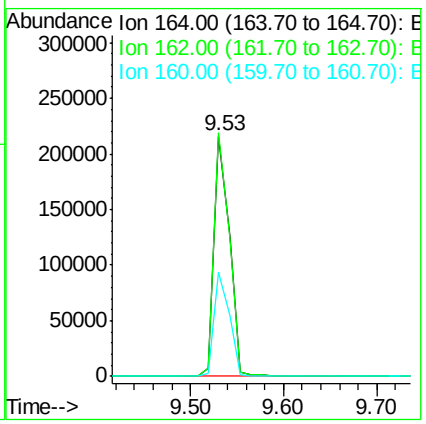


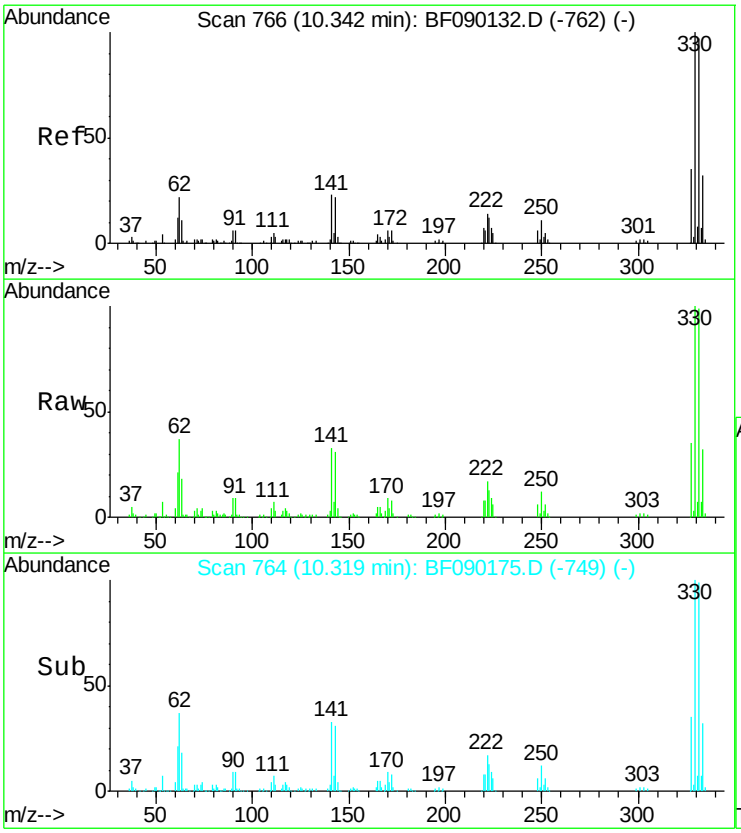
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FT

Tgt Ion:164 Resp: 245037

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.2
160	43.6	36.6	54.8

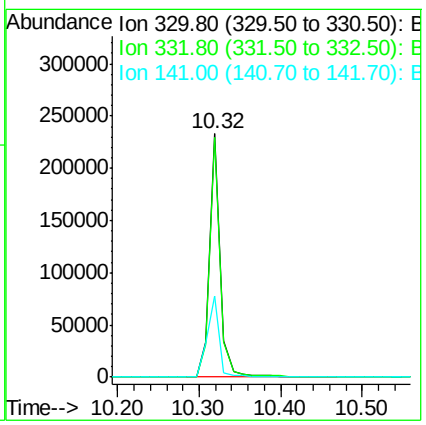


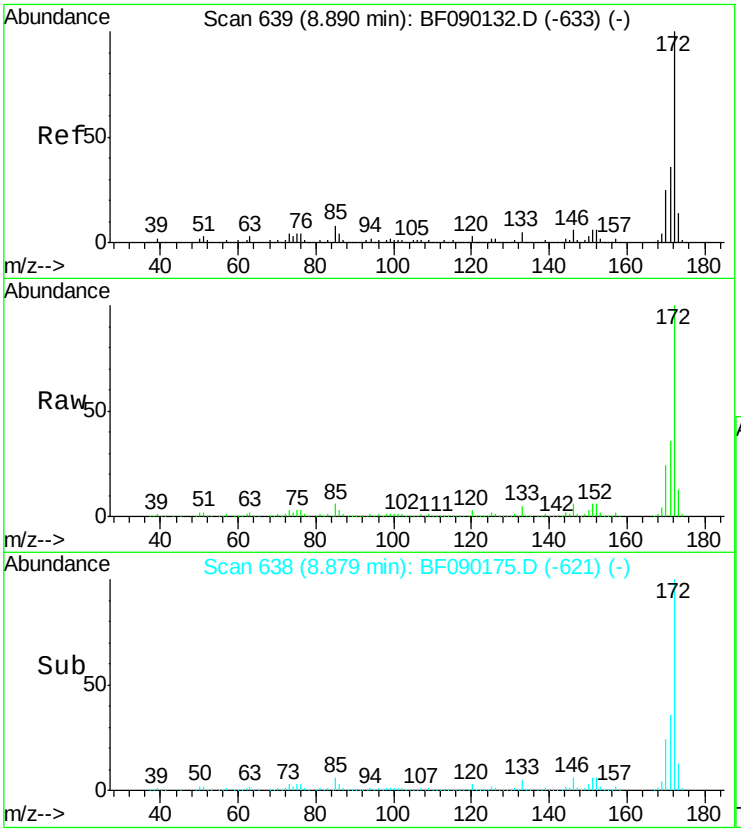


#41
2,4,6-Tribromophenol
Concen: 104.31 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Tgt Ion:330 Resp: 219288

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.1	117.1
141	37.7	23.9	35.9#



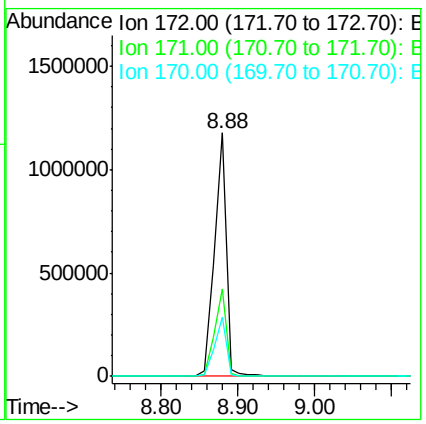


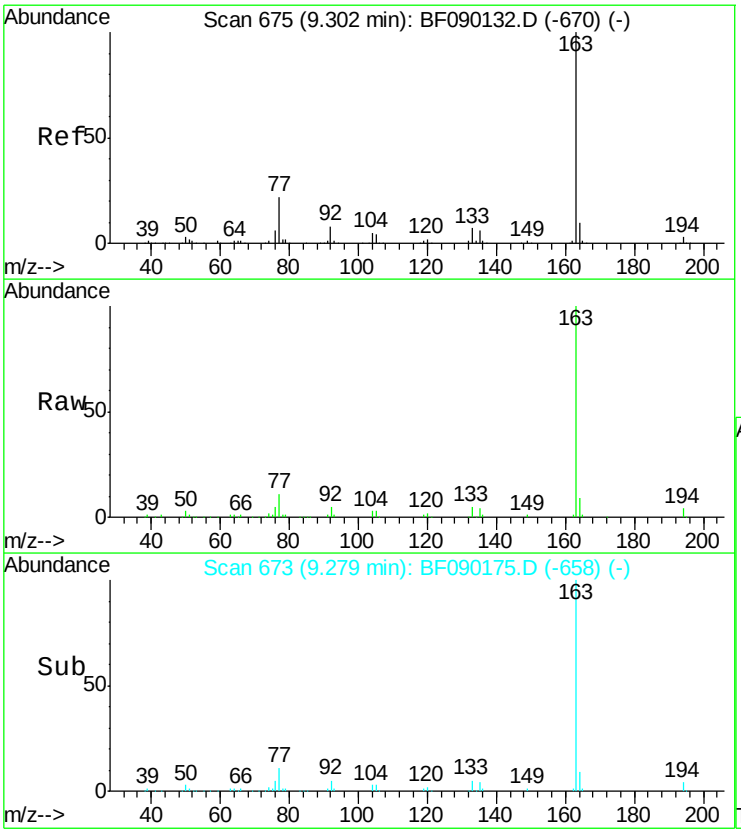
#44
2-Fluorobiphenyl
Concen: 100.80 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FT

Tgt Ion:172 Resp: 1258206

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.3	19.8	29.8

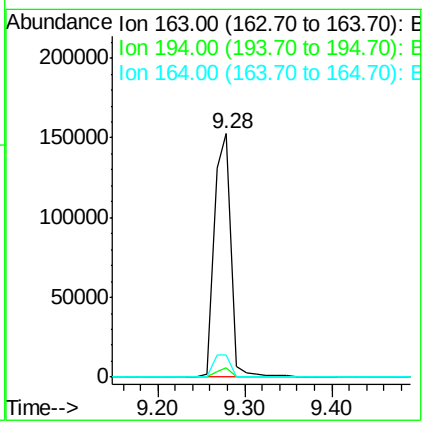


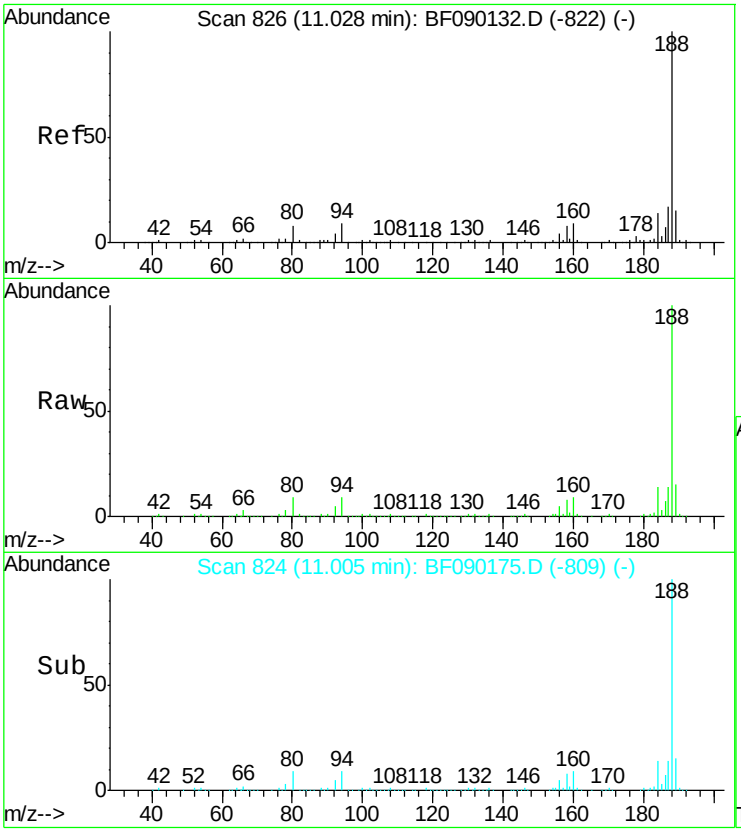


#49
Dimethylphthalate
Concen: 13.23 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Tgt Ion:163 Resp: 206545

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.1	8.1	12.1



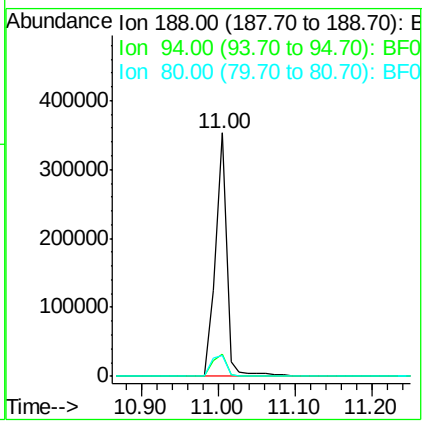


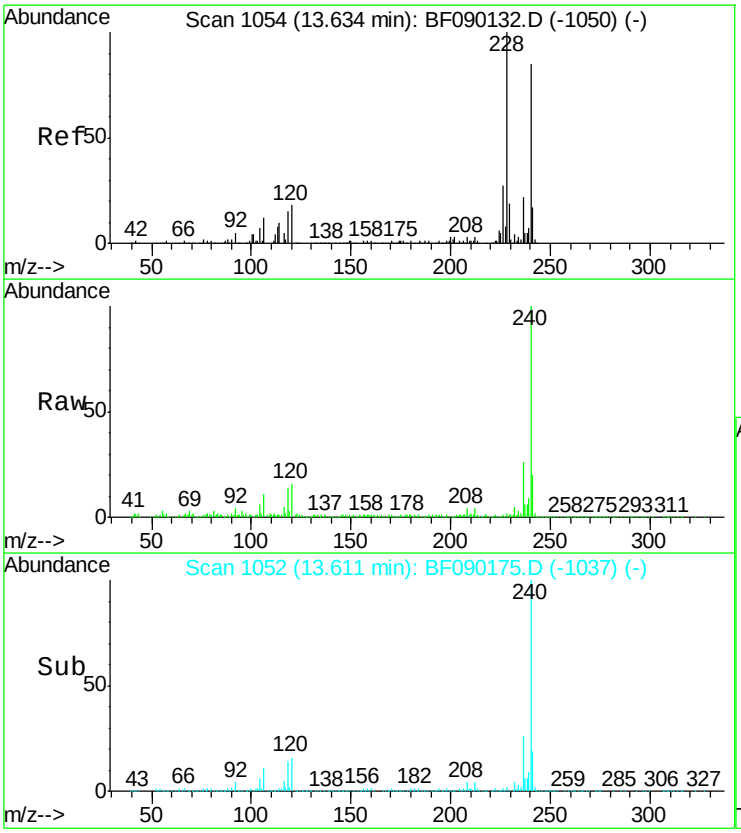
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FT

Tgt Ion:188 Resp: 362453

Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.5	15.7#
80	8.8	11.2	16.8#

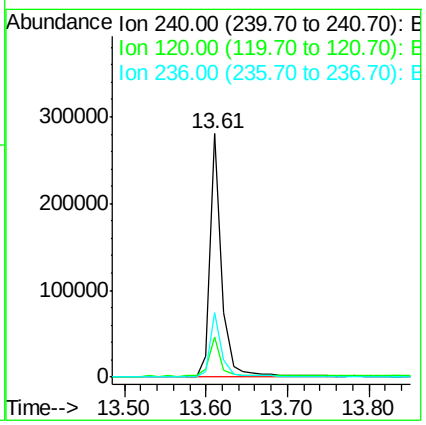


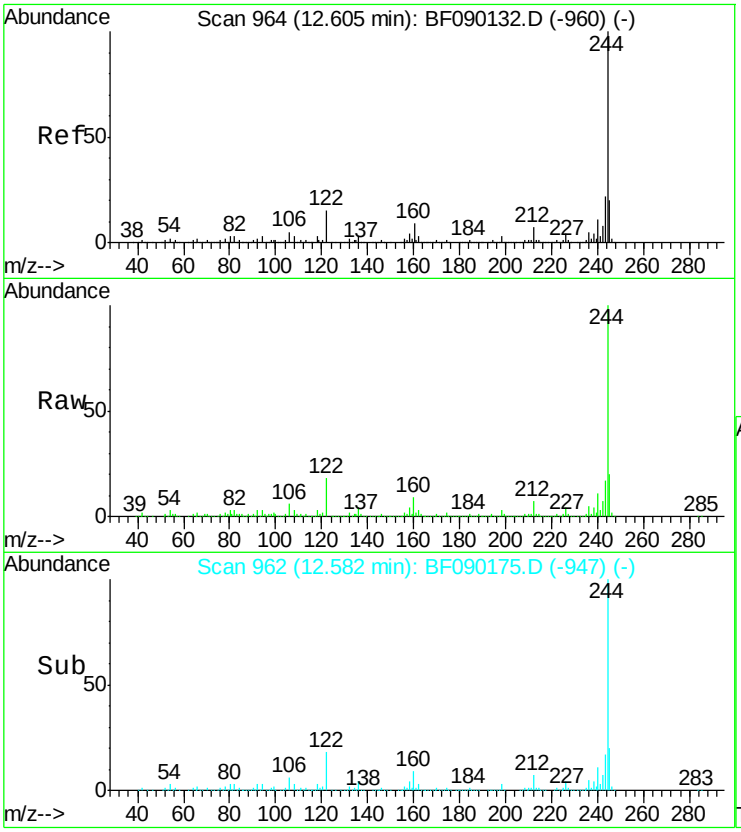


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Tgt Ion:240 Resp: 290108

Ion	Ratio	Lower	Upper
240	100		
120	16.2	10.6	16.0#
236	26.4	21.6	32.4



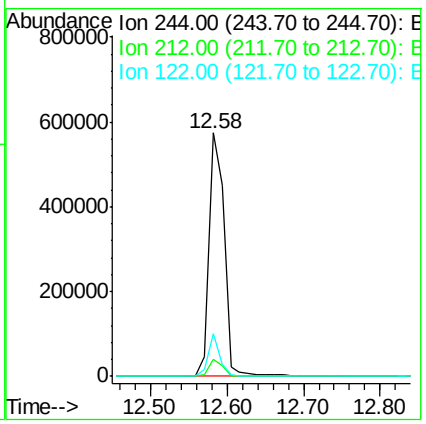


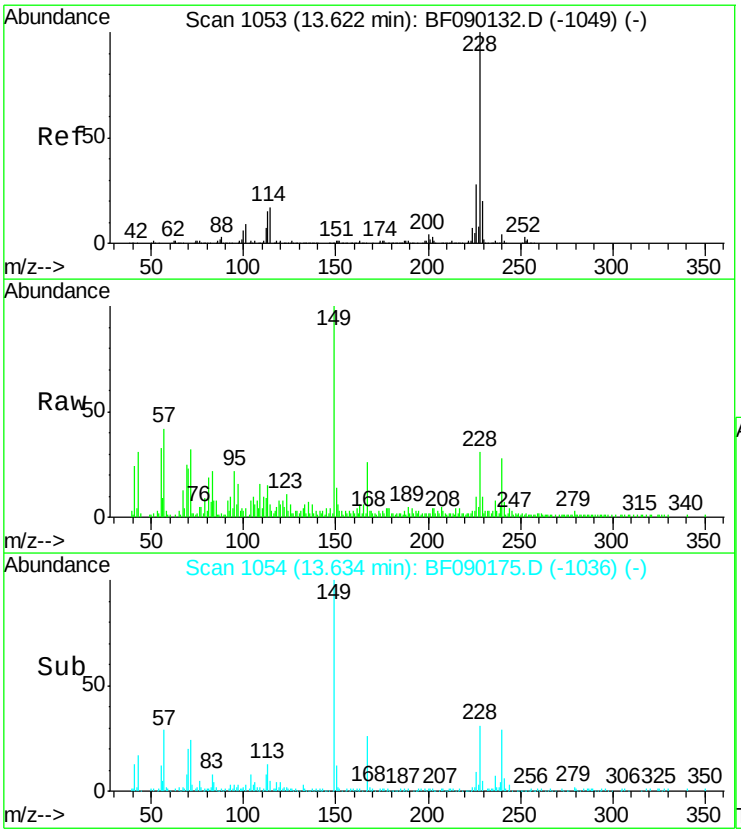
#78
Terphenyl-d14
Concen: 68.35 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.02 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FT

Tgt Ion:244 Resp: 780998

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	17.7	9.4	14.0#

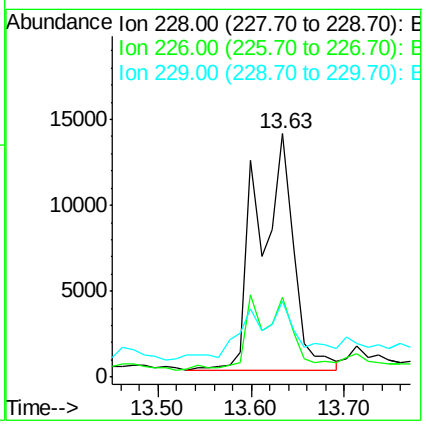


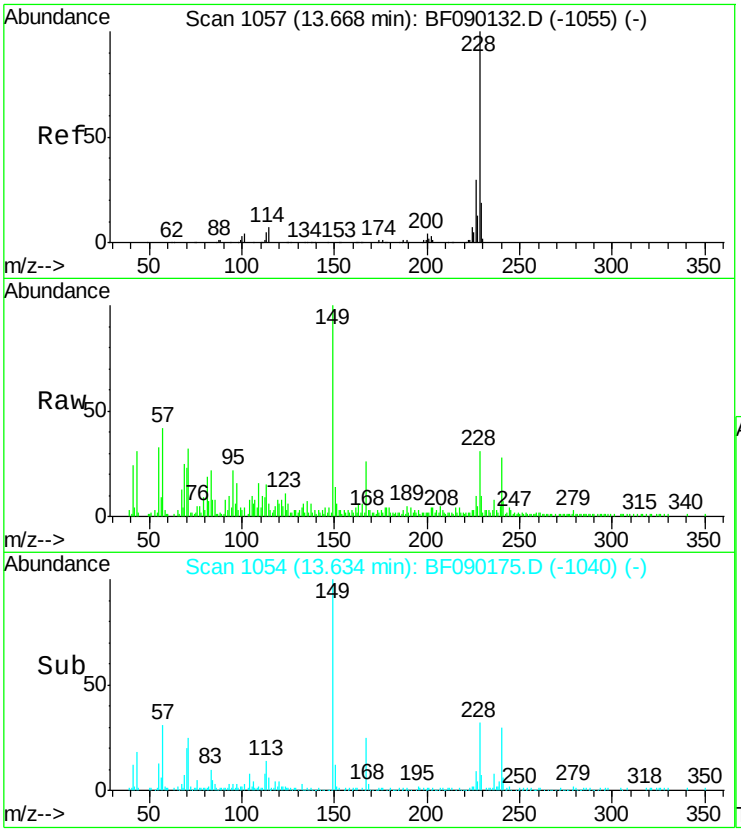


#80
Benzo(a)anthracene
Concen: 2.33 ng
RT: 13.63 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Tgt Ion:228 Resp: 36337

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.0	33.0
229	31.2	16.2	24.2#



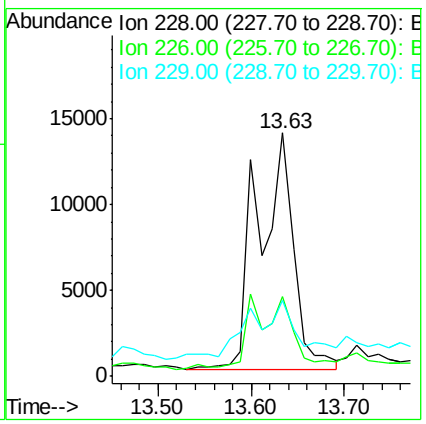


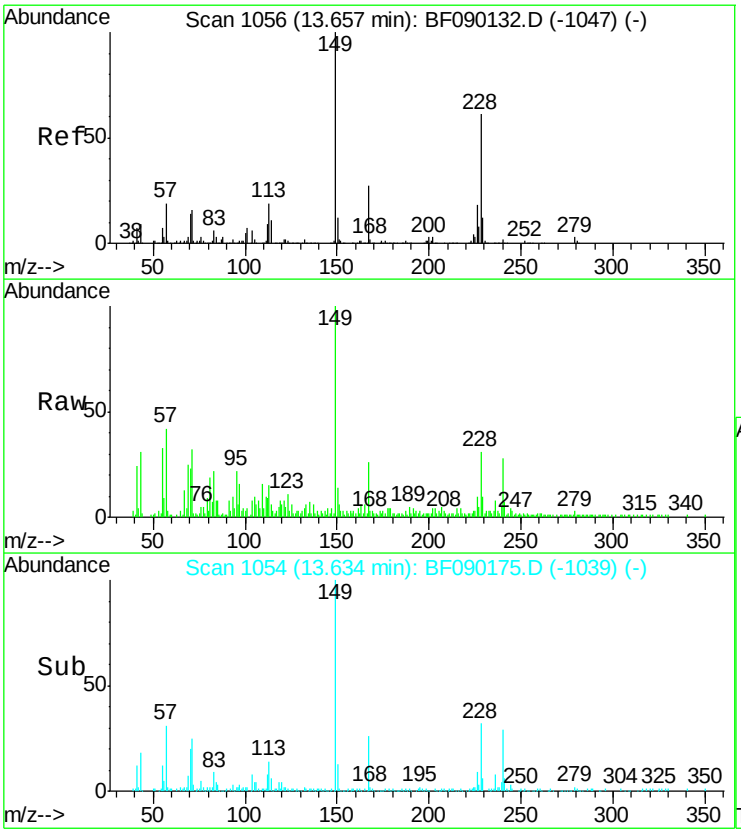
#82
Chrysene
Concen: 2.39 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FT

Tgt Ion:228 Resp: 36337

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.6	37.0
229	31.2	16.2	24.4#

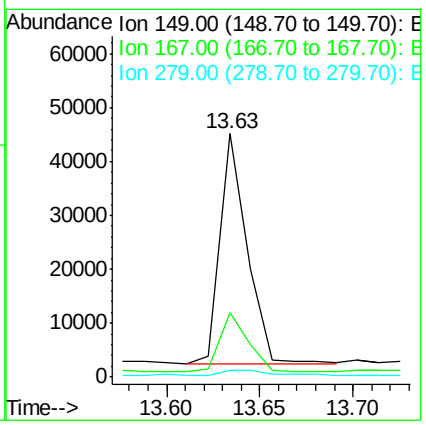


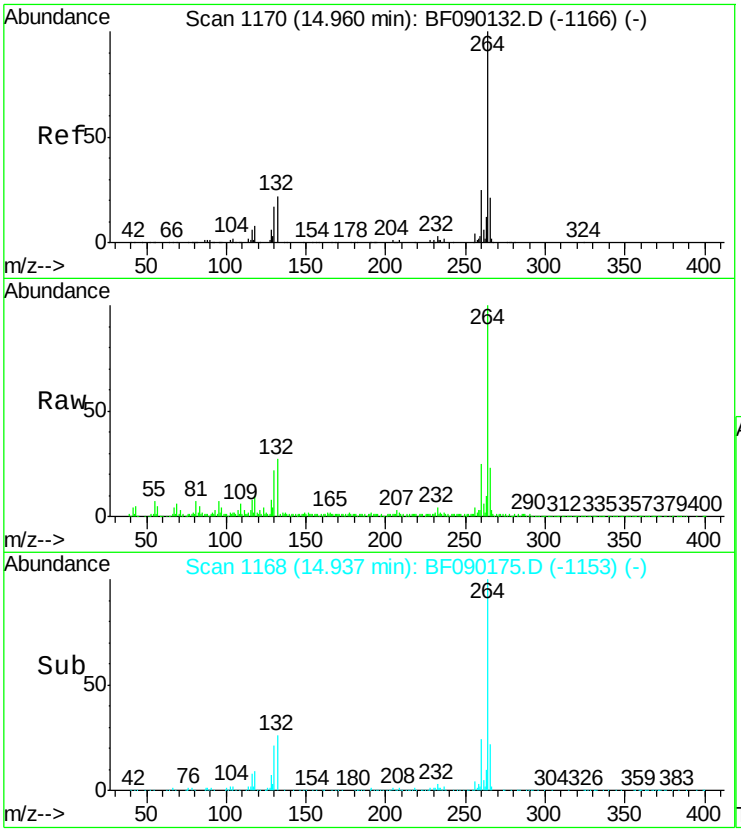


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.49 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Tgt Ion:149 Resp: 43356

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.2	31.8
279	2.8	2.2	3.2



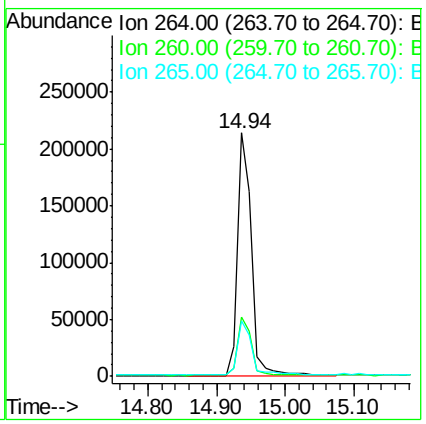


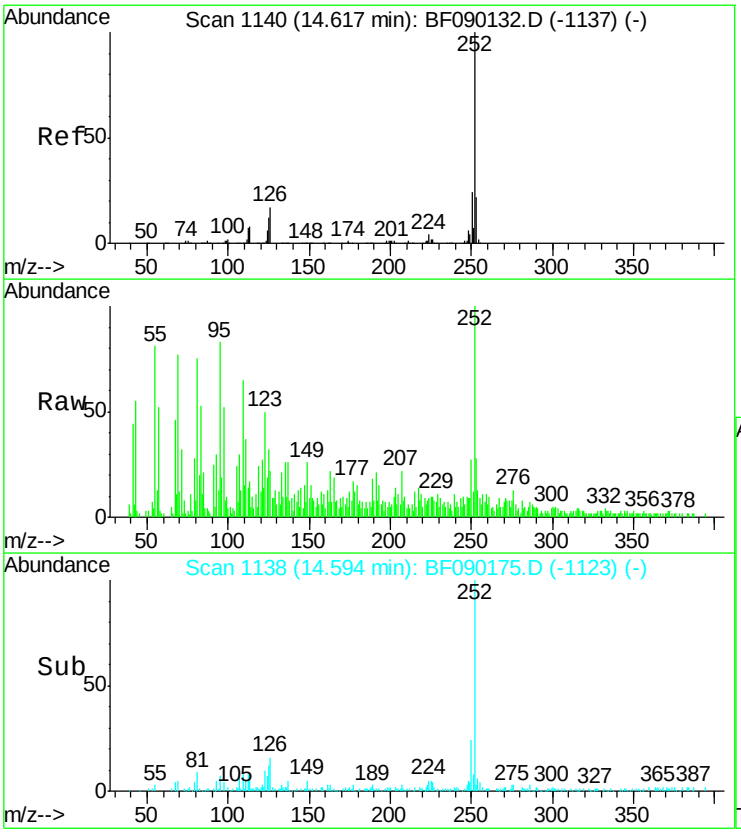
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FT

Tgt Ion:264 Resp: 303599

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.8	17.0	25.4

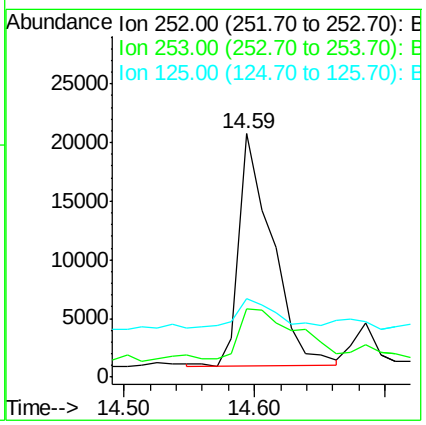


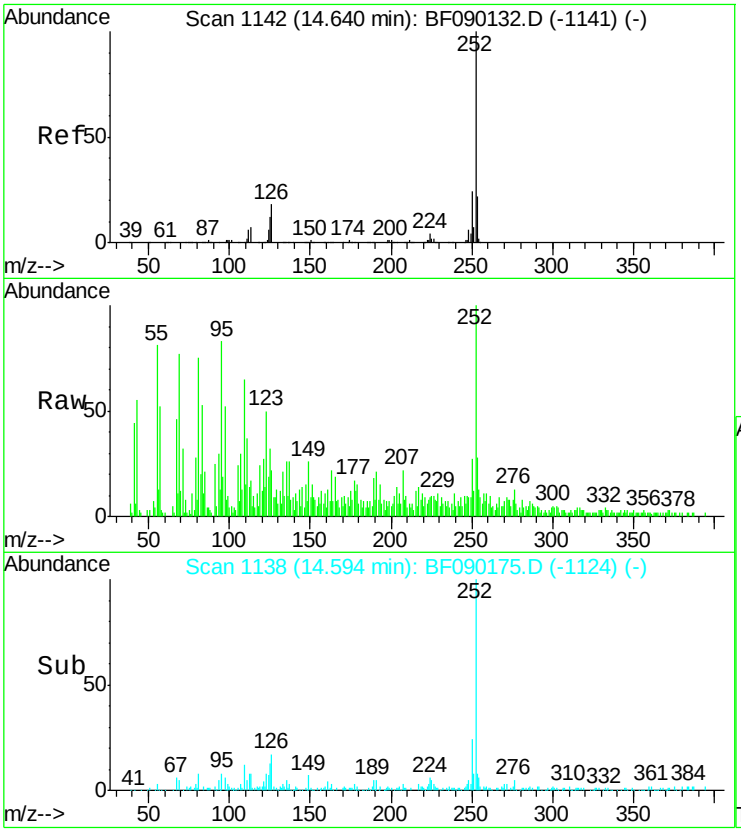


#87
Benzo(b)fluoranthene
Concen: 2.08 ng
RT: 14.59 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Tgt Ion:252 Resp: 35034

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.9	26.9#
125	32.2	12.7	19.1#





#88
Benzo(k)fluoranthene
Concen: 2.22 ng
RT: 14.59 min Scan# 1138
Delta R.T. -0.05 min
Lab File: BF090175.D
Acq: 21 Sep 2016 22:40

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FT

Tgt Ion:252 Resp: 35034

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.8	26.8#
125	32.2	7.8	11.6#