Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090009.D
Acq On : 7 Sep 2016 17:14
Operator : UM/SJ
Sample : H4676-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-8

Quant Time: Sep 07 17:57:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	193185	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	775488	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	414494	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	744690	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	481949	20.00	ng	-0.03
86) Perylene-d12	15.07	264	447953	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1309606	108.51	ng	-0.02
7) Phenol-d6	6.26	99	1654805	112.84	ng	-0.02
23) Nitrobenzene-d5	7.19	82	1075076	80.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	410070	100.28	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1745082	69.11	ng	-0.02
78) Terphenyl-d14	12.70	244	1116083	57.21	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	372413	12.43	ng	97

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

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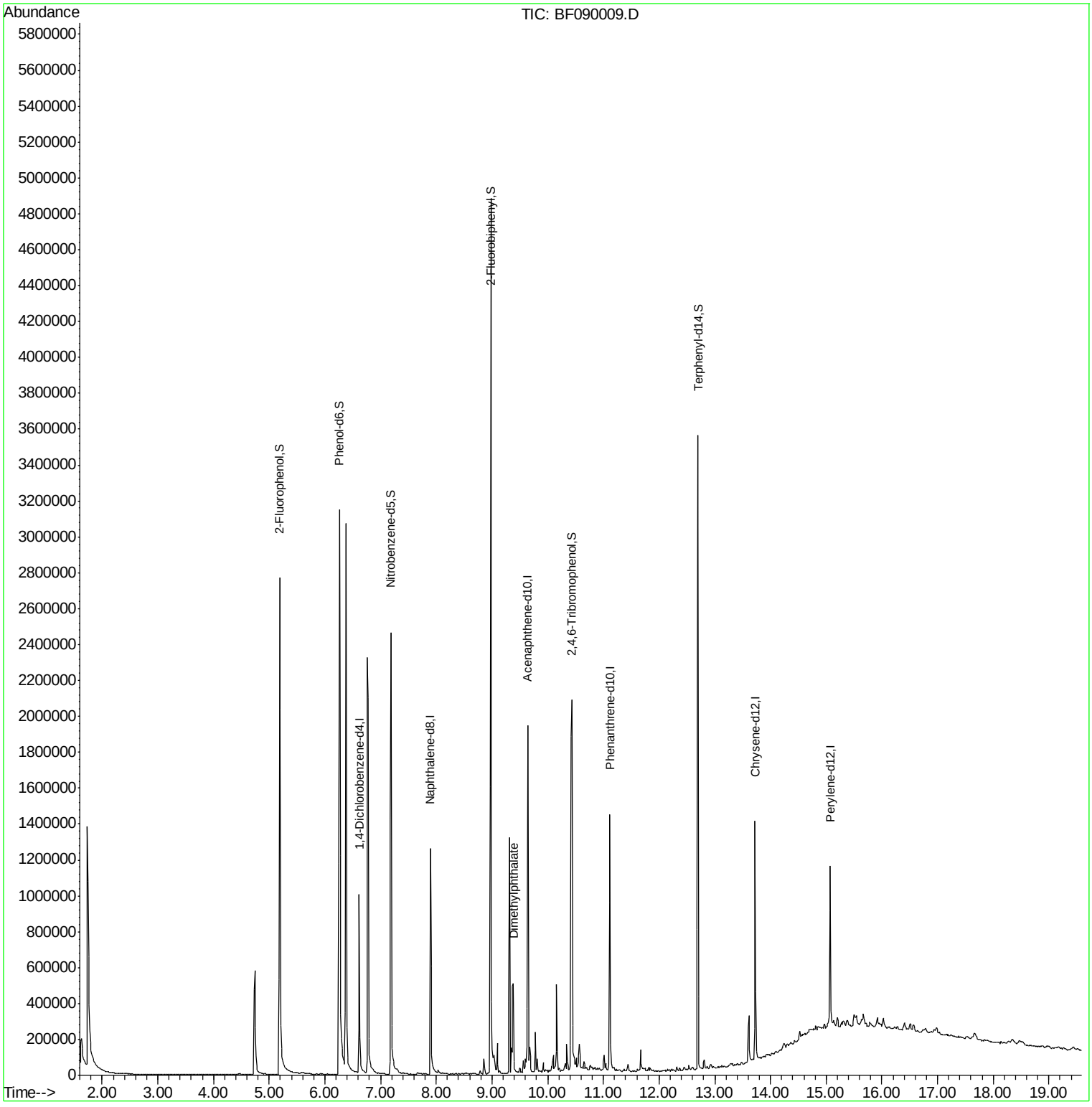
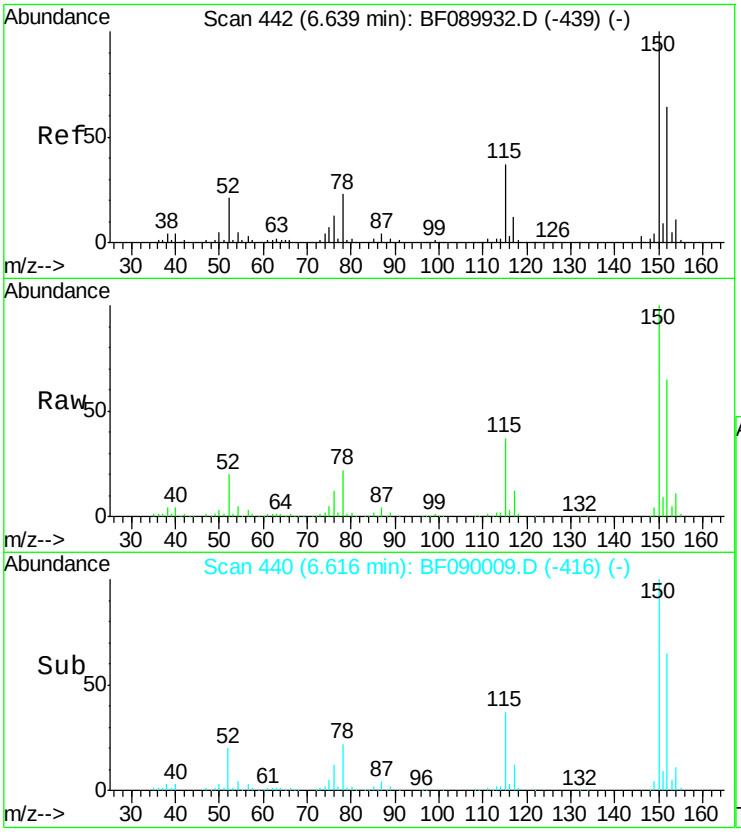


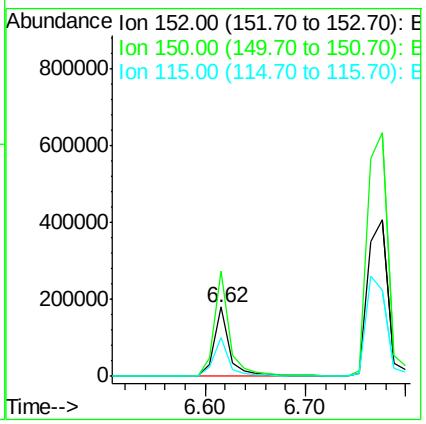


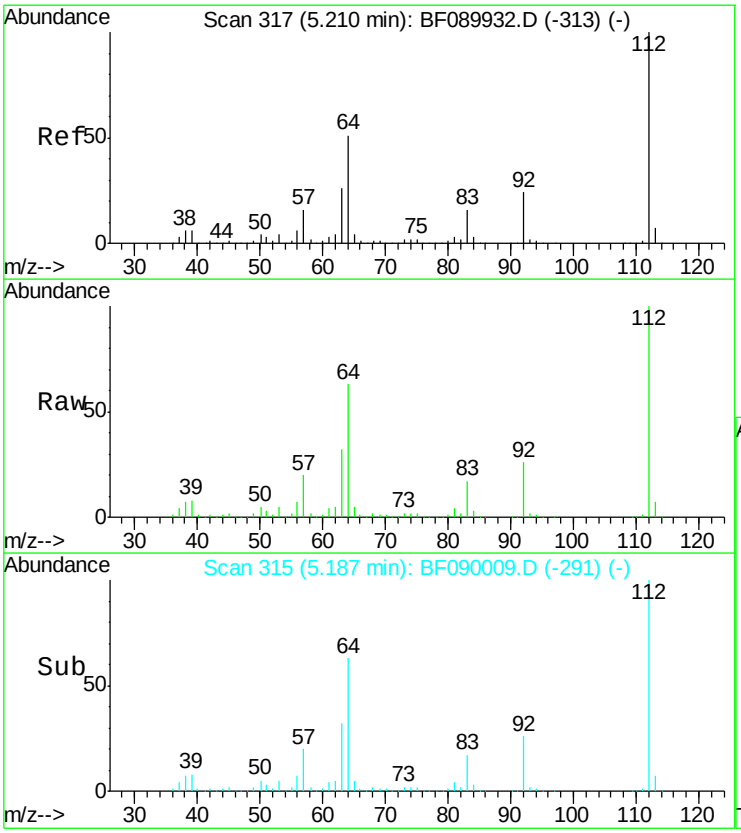
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-8

Tgt Ion:152 Resp: 193185

Ion	Ratio	Lower	Upper
152	100		
150	152.8	127.4	191.2
115	56.4	46.3	69.5

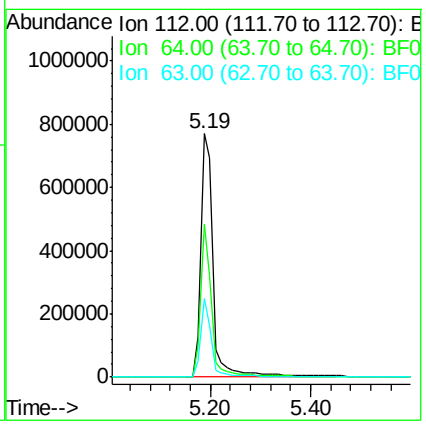


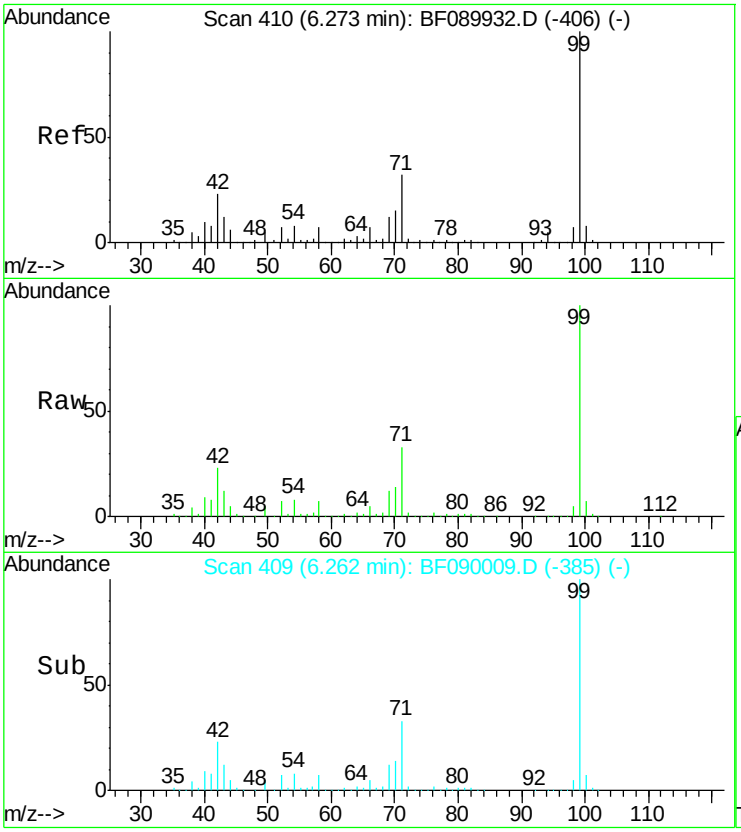


#5
2-Fluorophenol
Concen: 108.51 ng
RT: 5.19 min Scan# 315
Delta R.T. -0.02 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Tgt Ion:112 Resp: 1309606

Ion	Ratio	Lower	Upper
112	100		
64	62.5	41.1	61.7#
63	32.3	21.2	31.8#



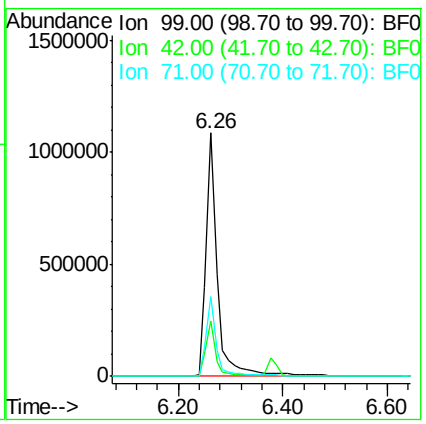


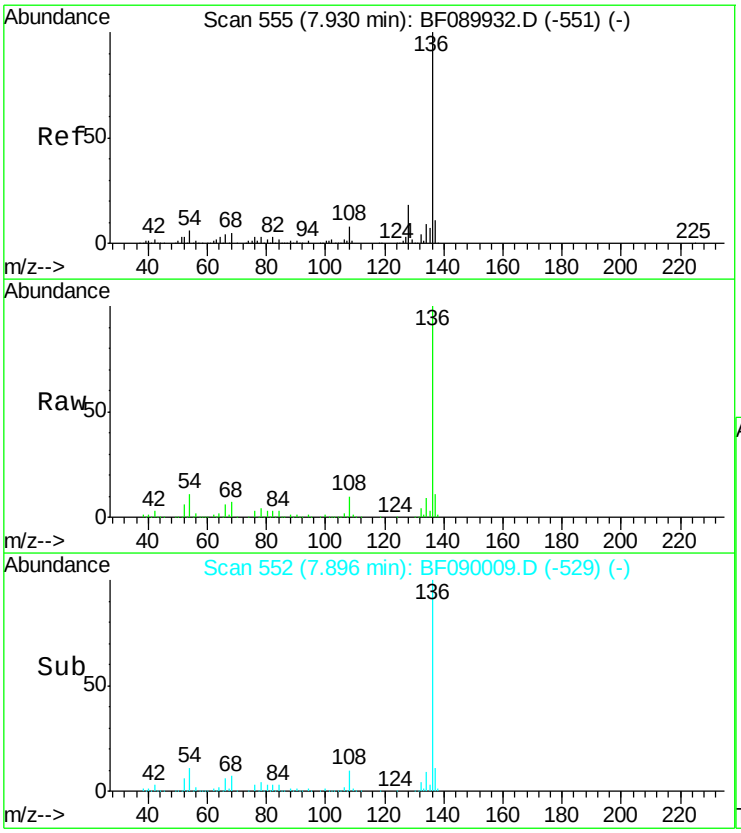
#7
Phenol-d6
Concen: 112.84 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-8

Tgt Ion: 99 Resp: 1654805

Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.6	27.8
71	32.5	25.8	38.6

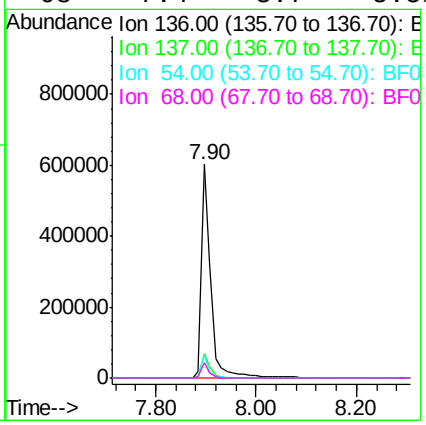


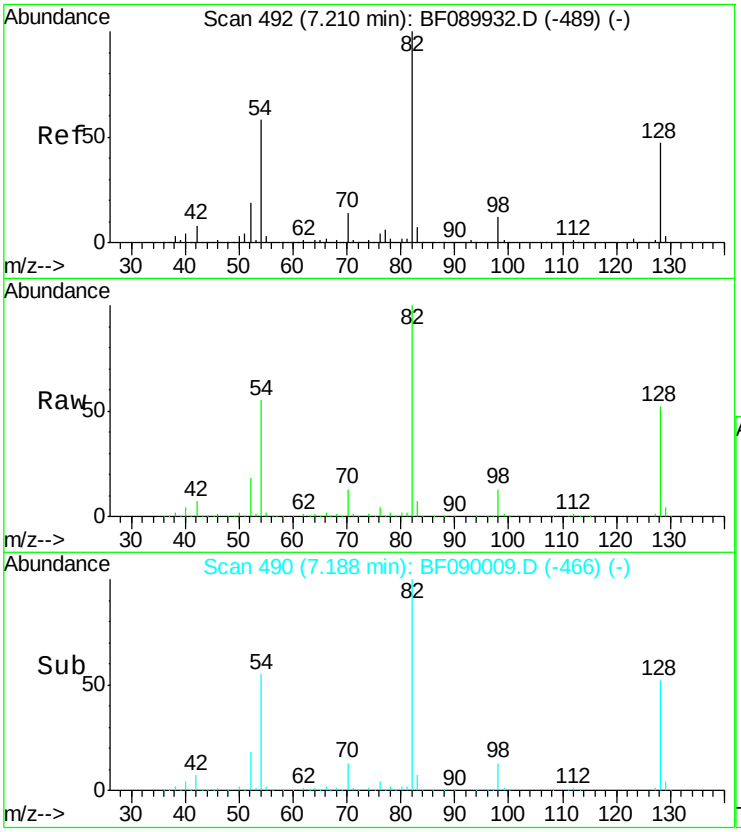


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Tgt Ion:136 Resp: 775488

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.3	12.5
54	11.0	4.8	7.2#
68	7.4	3.7	5.5#



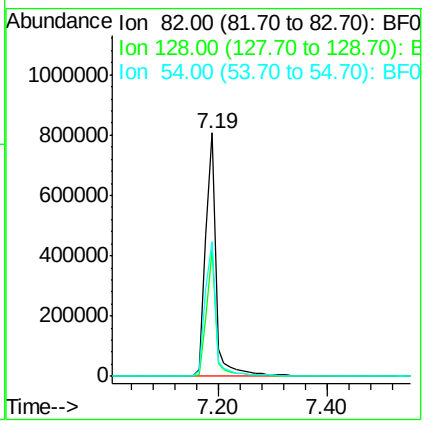


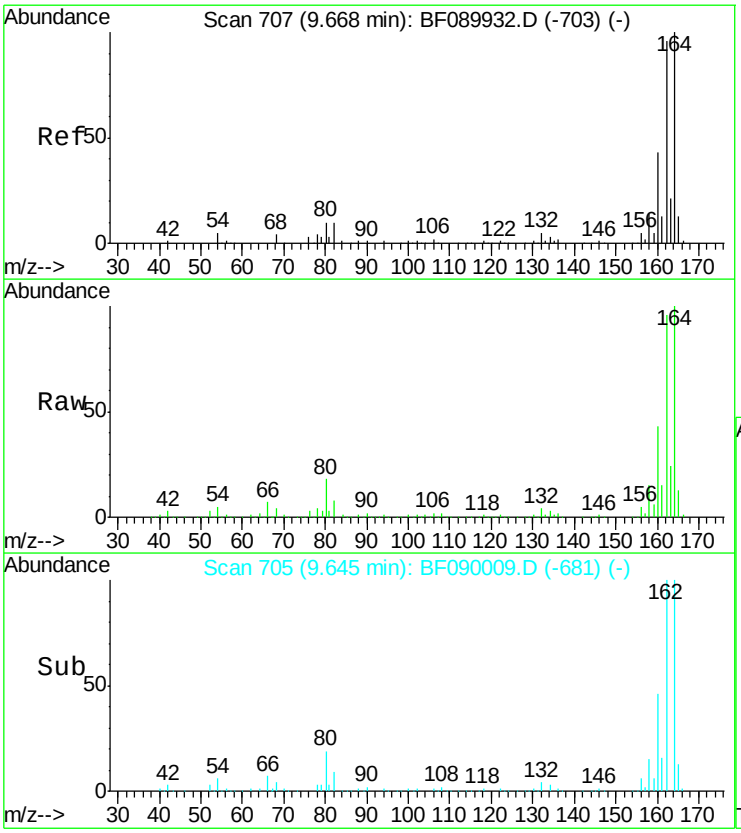
#23
Nitrobenzene-d5
Concen: 80.40 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-8

Tgt Ion: 82 Resp: 1075076

Ion	Ratio	Lower	Upper
82	100		
128	51.8	37.8	56.8
54	55.4	46.9	70.3

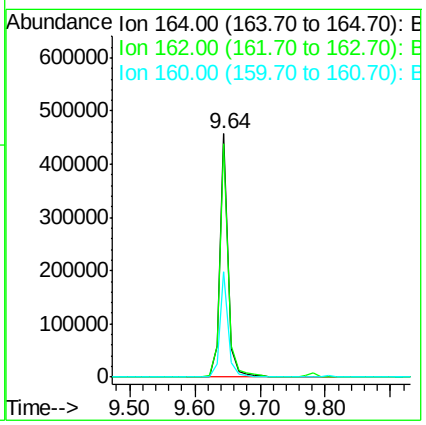


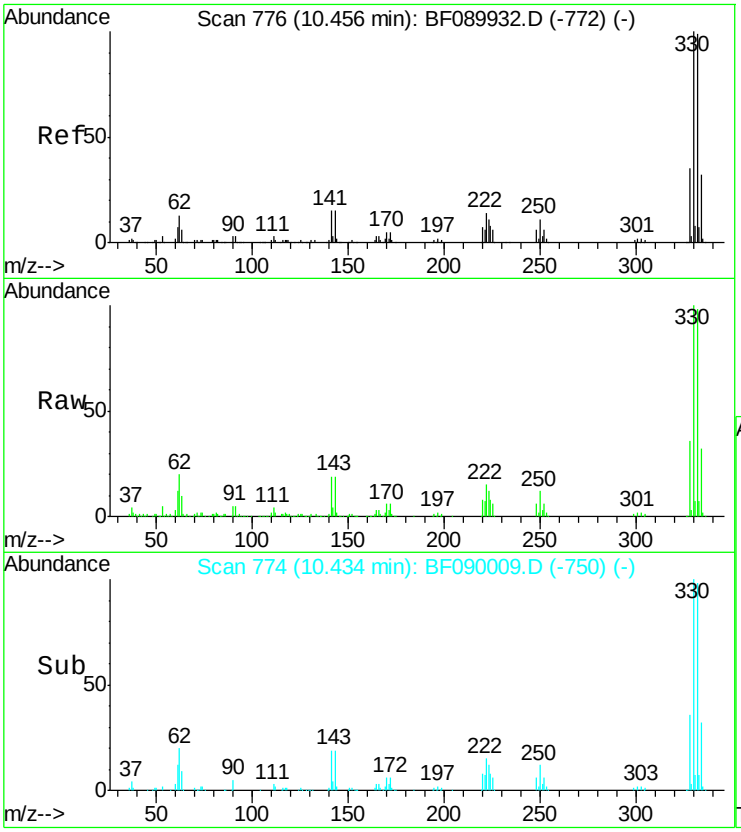


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Tgt Ion:164 Resp: 414494

Ion	Ratio	Lower	Upper
164	100		
162	95.9	77.1	115.7
160	43.5	35.3	52.9



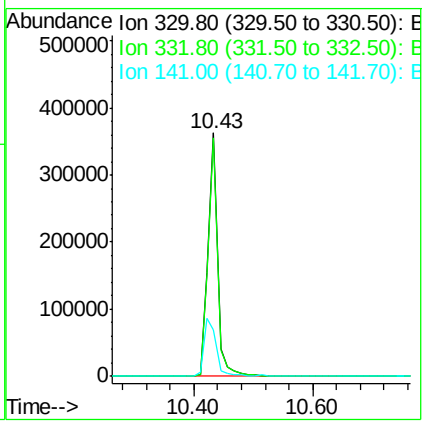


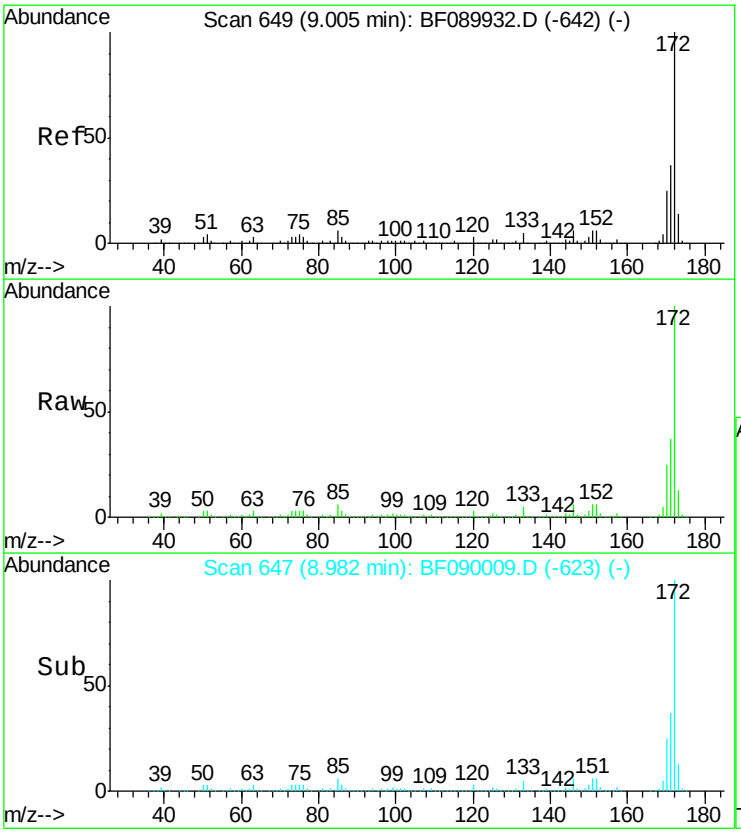
#41
2,4,6-Tribromophenol
Concen: 100.28 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-8

Tgt Ion:330 Resp: 410070

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.6	117.8
141	30.5	23.3	34.9

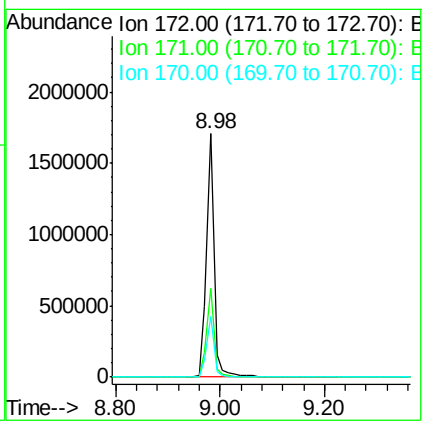


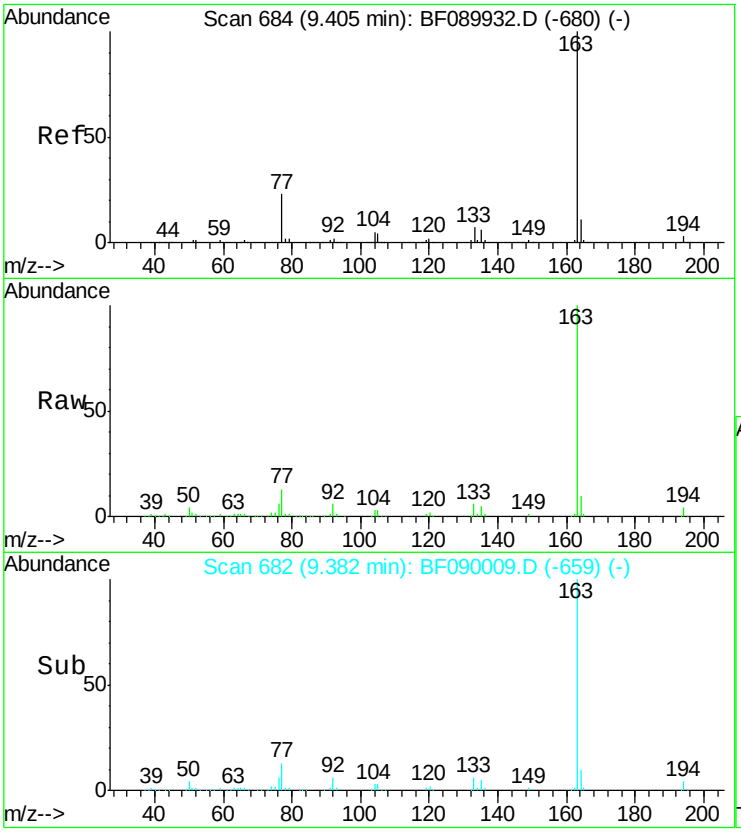


#44
2-Fluorobiphenyl
Concen: 69.11 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Tgt Ion:172 Resp: 1745082

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.9	20.1	30.1



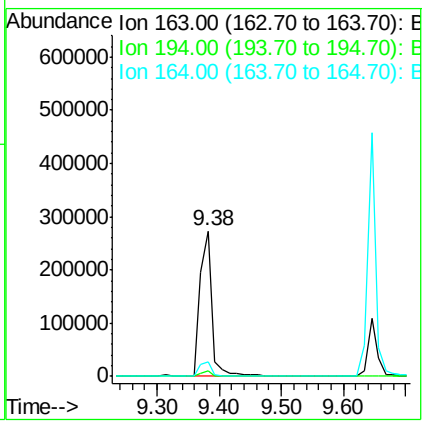


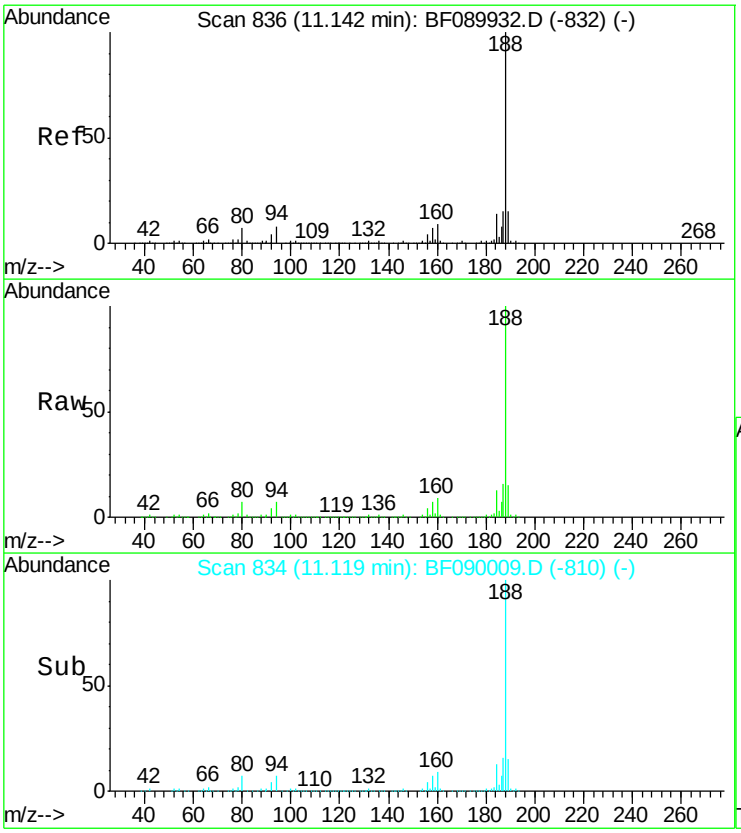
#49
Dimethylphthalate
Concen: 12.43 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-8

Tgt Ion:163 Resp: 372413

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.0	9.0	13.4

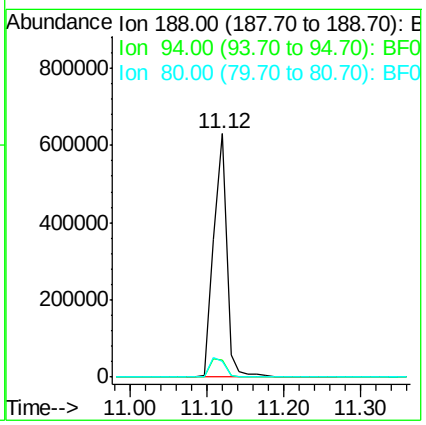


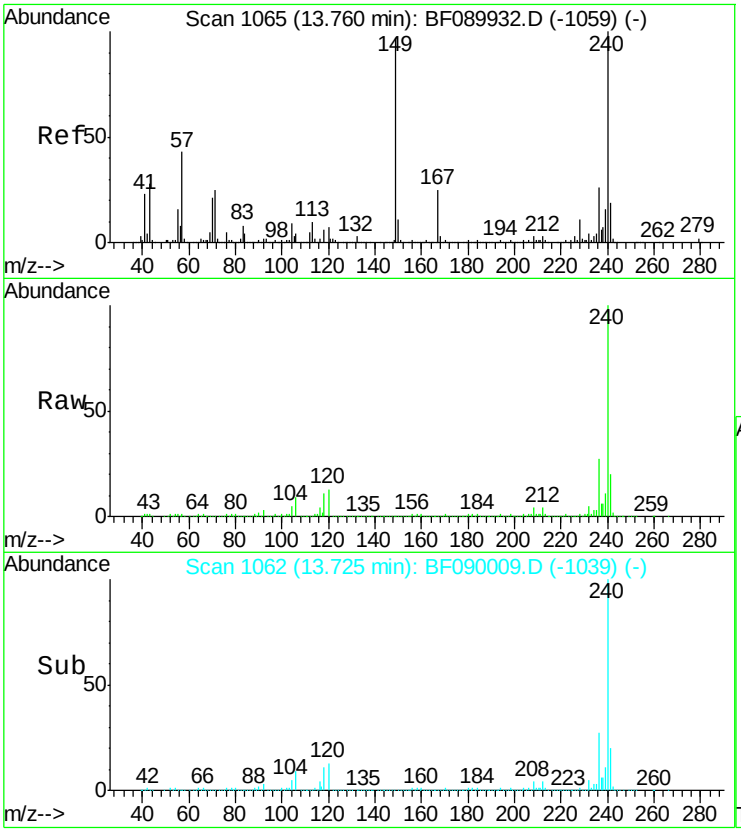


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Tgt Ion:188 Resp: 744690

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.9	8.9
80	6.7	5.8	8.8



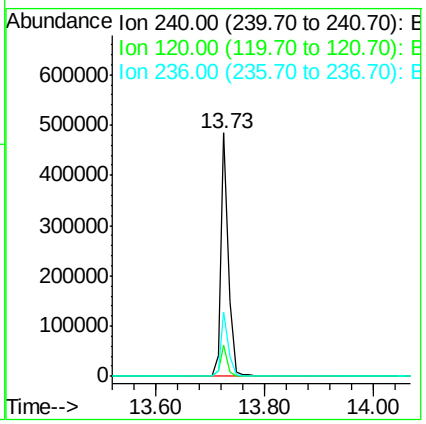


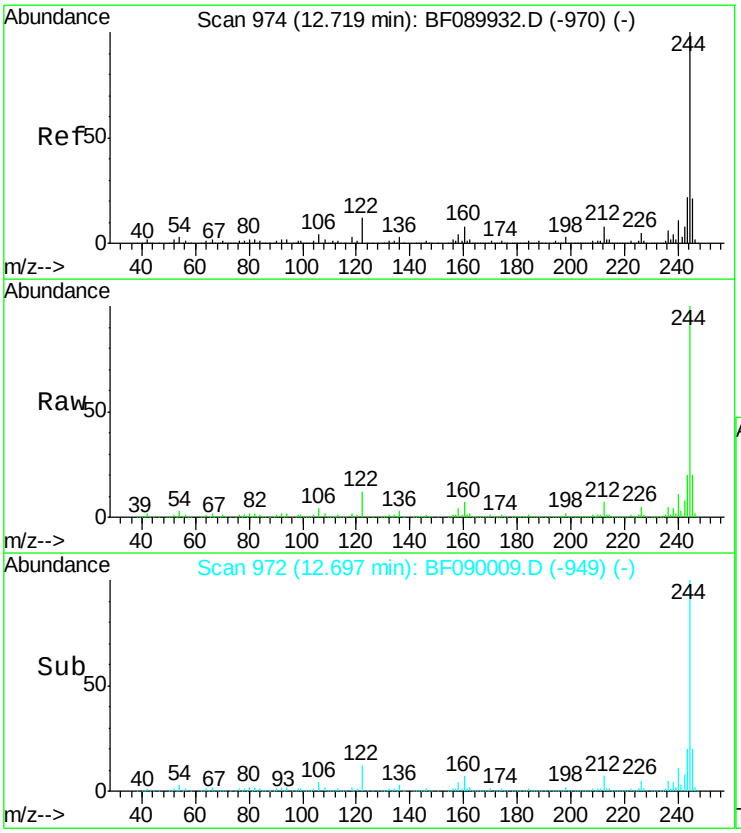
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.03 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-8

Tgt Ion:240 Resp: 481949

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.7	8.5#
236	26.6	21.3	31.9

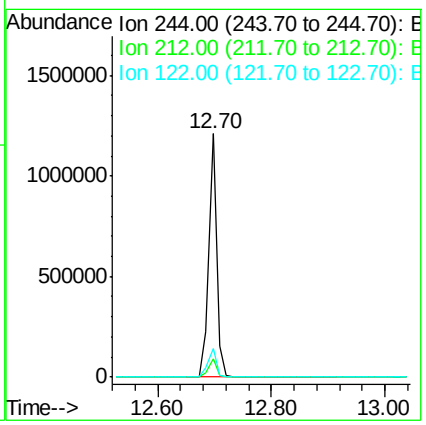


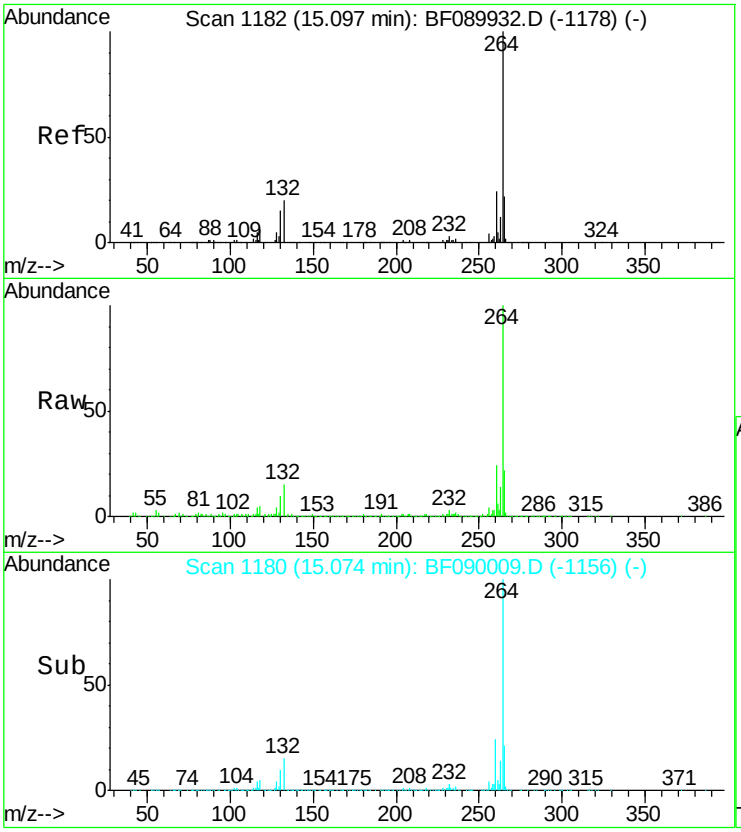


#78
Terphenyl-d14
Concen: 57.21 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.03 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Tgt Ion:244 Resp: 1116083

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.6	9.6	14.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-8

Tgt Ion:264 Resp: 447953

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.7	17.4	26.2