Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090001.D
Acq On : 7 Sep 2016 13:28
Operator : UM/SJ
Sample : H4676-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEMP-AB(0-2)-7

Quant Time: Sep 07 15:17:15 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	178089	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	706424	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	379311	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	759006	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	610164	20.00	ng	-0.03
86) Perylene-d12	15.07	264	458540	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1510101	135.73	ng	-0.01
7) Phenol-d6	6.26	99	2073537	153.38	ng	-0.02
23) Nitrobenzene-d5	7.19	82	1231430	101.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	508776	135.96	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1920374	83.11	ng	-0.02
78) Terphenyl-d14	12.70	244	1689008	68.38	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	536331	19.56	ng	97

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

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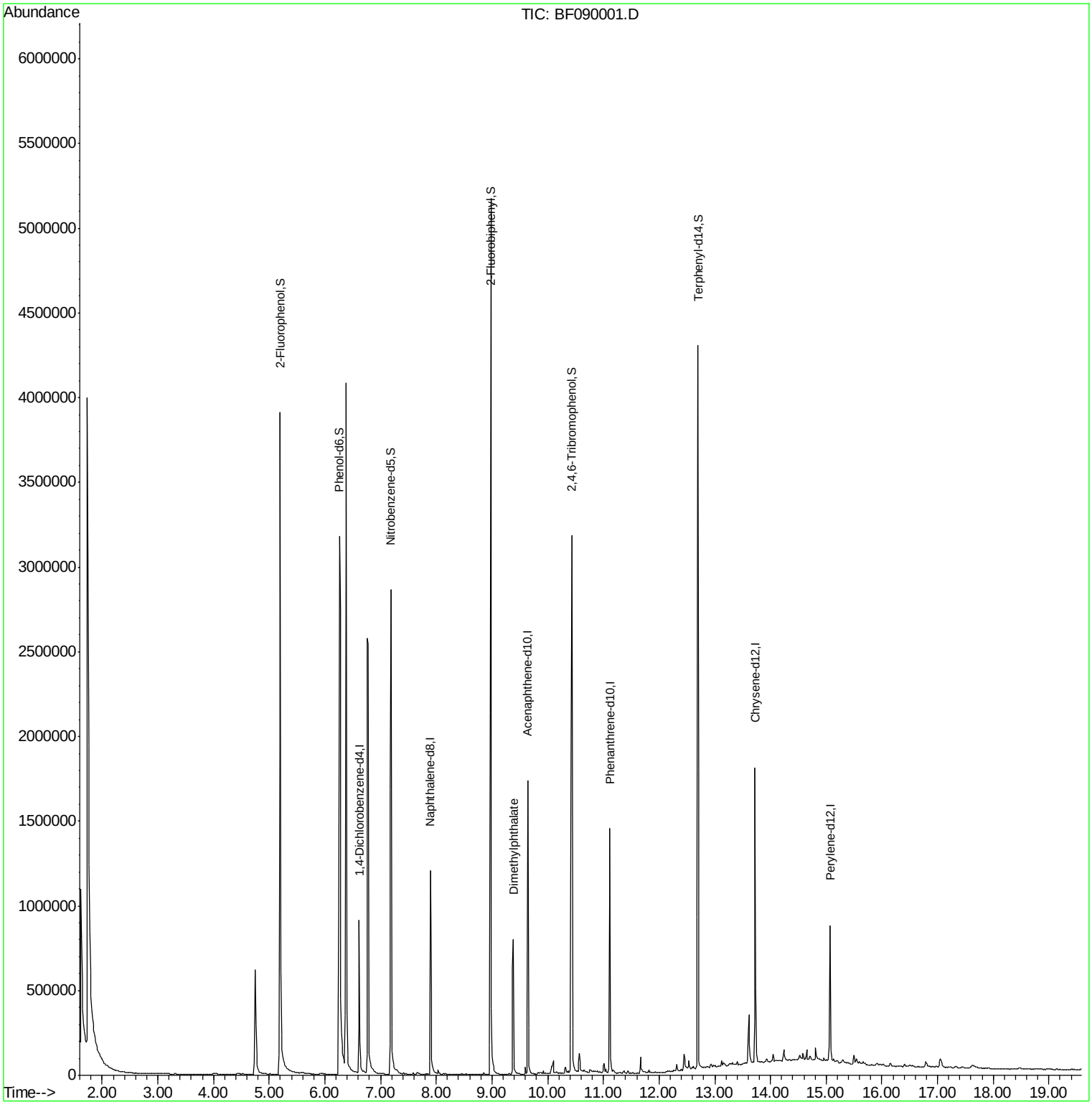
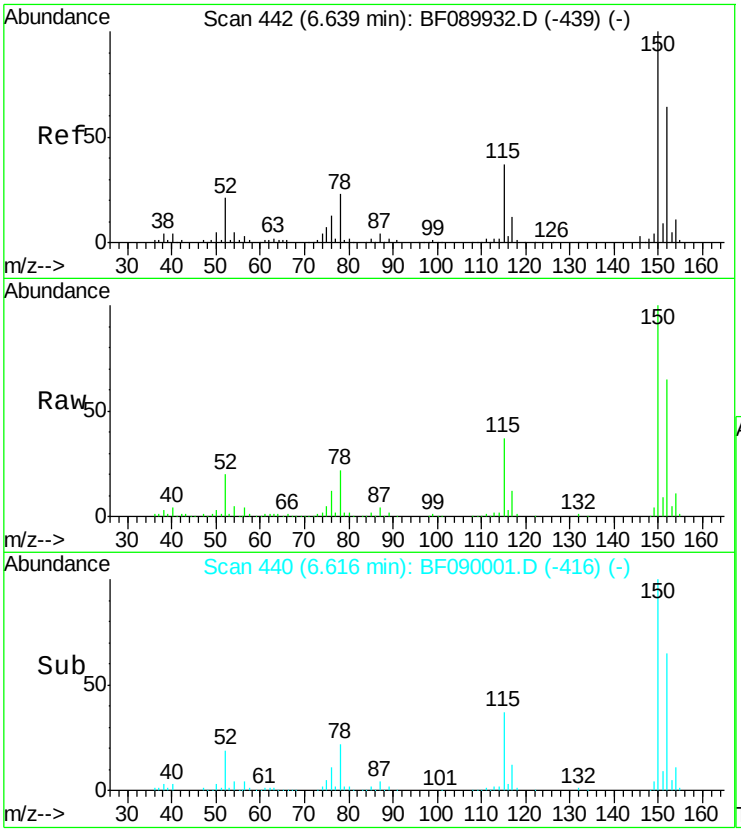


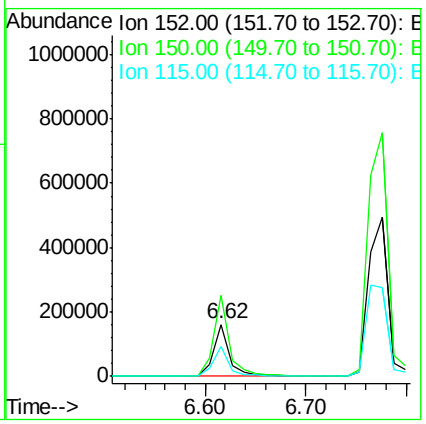


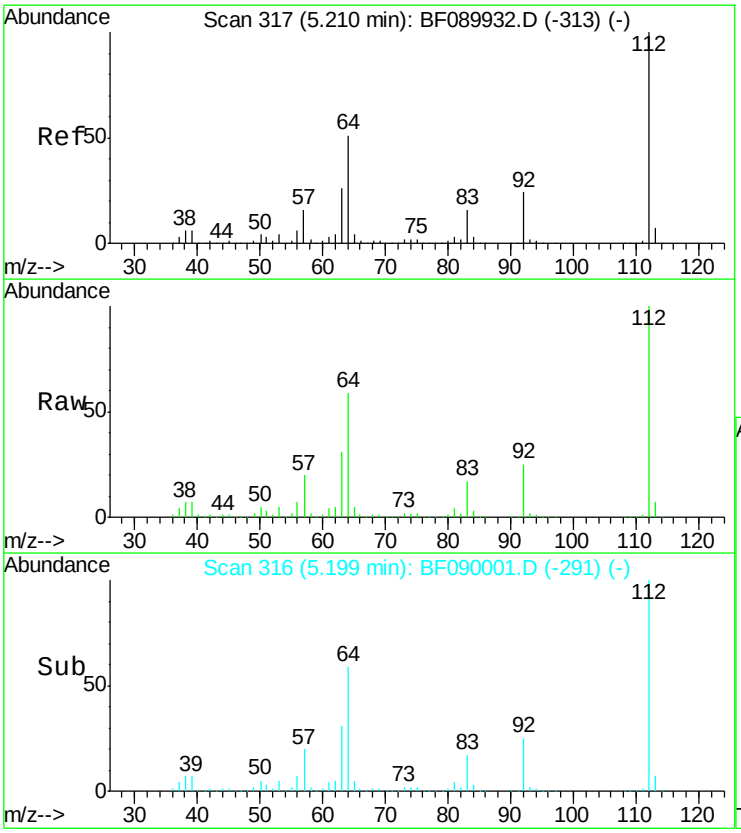
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-7

Tgt Ion:152 Resp: 178089

Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.4	191.2
115	57.0	46.3	69.5

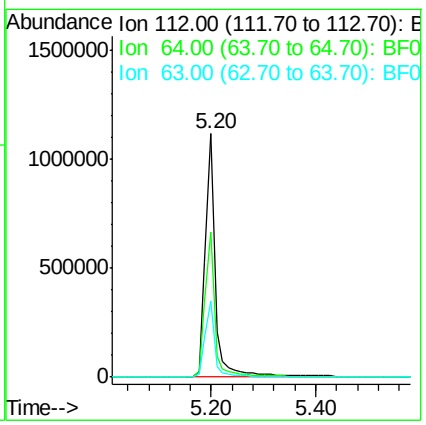


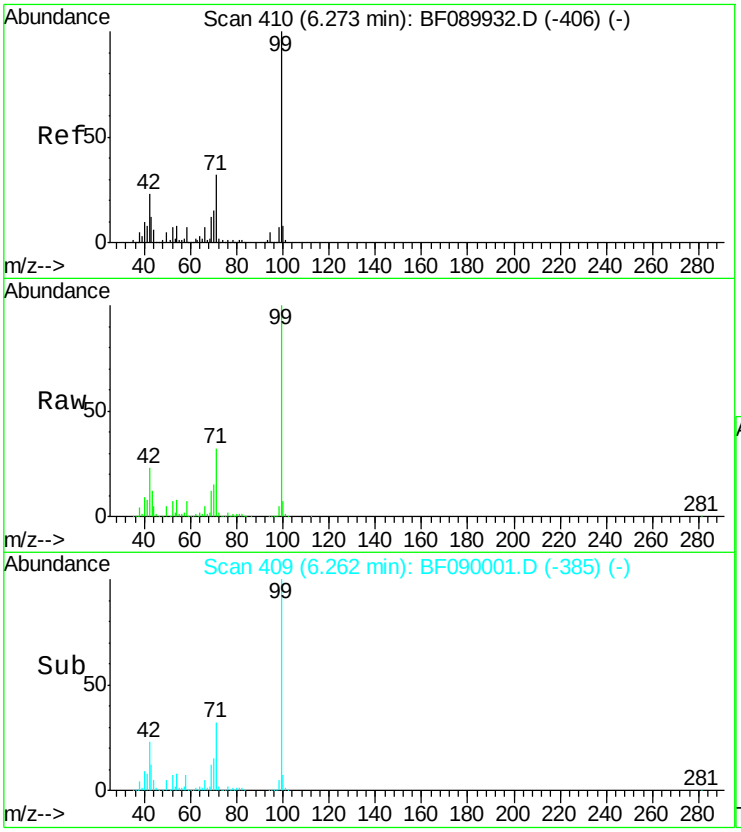


#5
2-Fluorophenol
Concen: 135.73 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.01 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Tgt Ion:112 Resp: 1510101

Ion	Ratio	Lower	Upper
112	100		
64	59.4	41.1	61.7
63	31.1	21.2	31.8



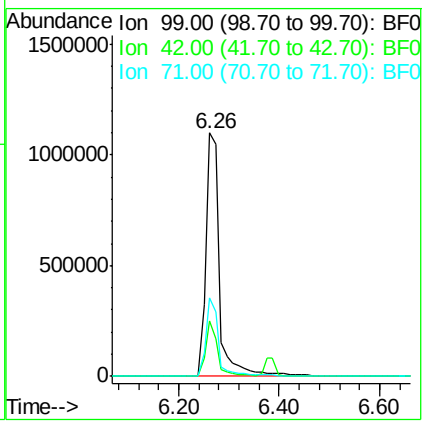


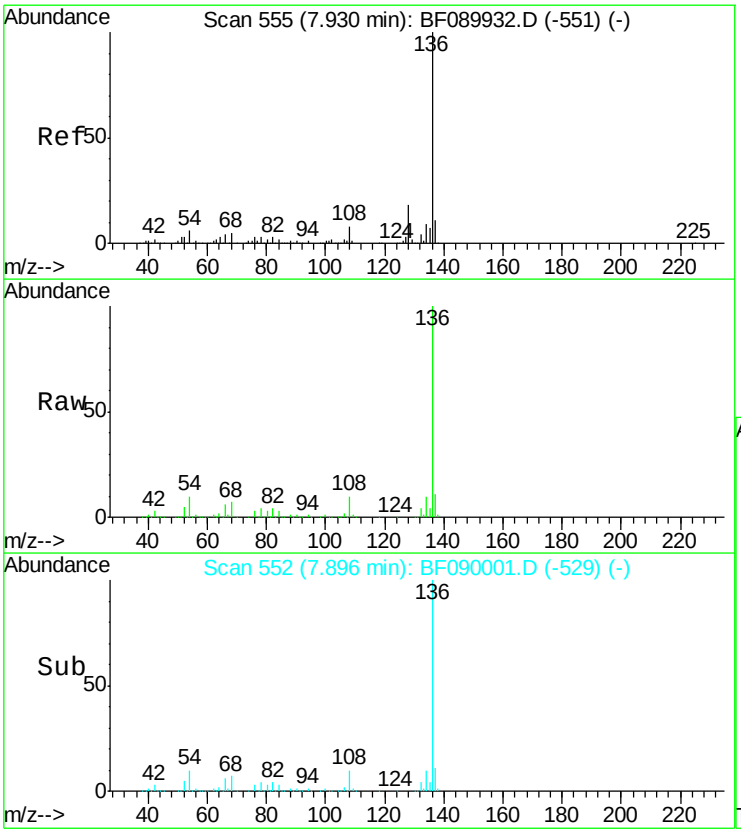
#7
Phenol-d6
Concen: 153.38 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-7

Tgt Ion: 99 Resp: 2073537

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.6	27.8
71	32.3	25.8	38.6

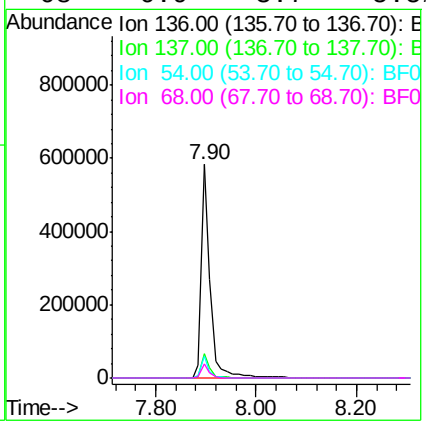


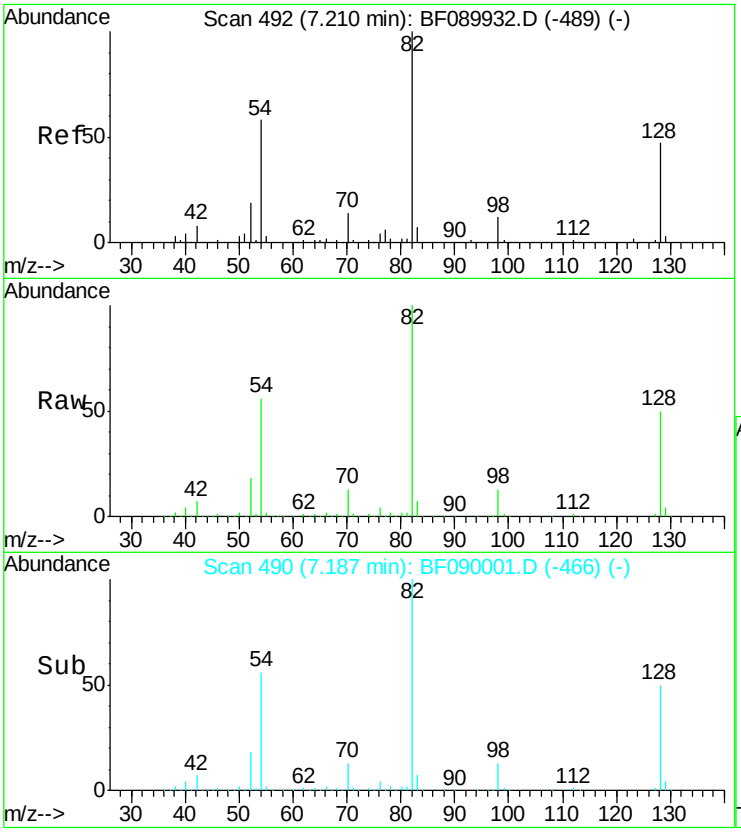


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Tgt Ion:136 Resp: 706424

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.3	12.5
54	10.2	4.8	7.2#
68	6.9	3.7	5.5#



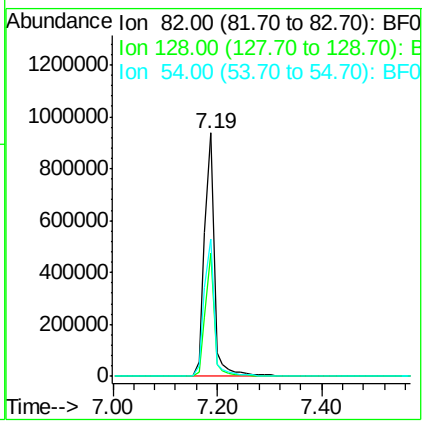


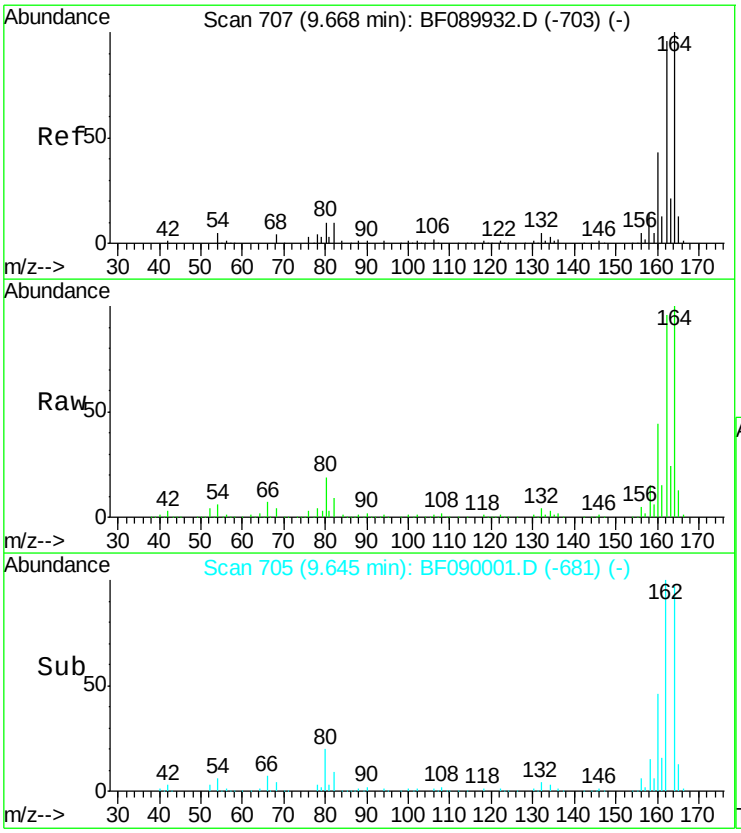
#23
Nitrobenzene-d5
Concen: 101.10 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-7

Tgt Ion: 82 Resp: 1231430

Ion	Ratio	Lower	Upper
82	100		
128	50.4	37.8	56.8
54	56.4	46.9	70.3

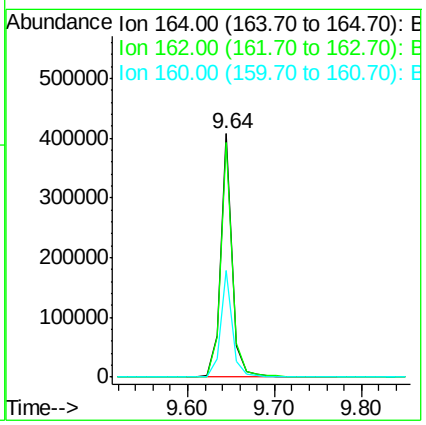


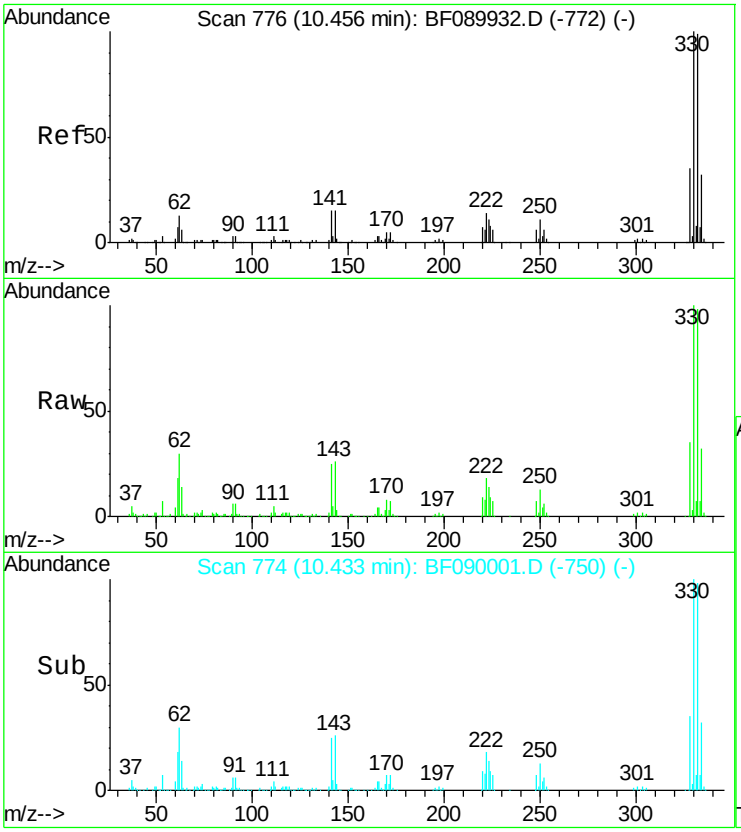


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Tgt Ion:164 Resp: 379311

Ion	Ratio	Lower	Upper
164	100		
162	96.2	77.1	115.7
160	43.6	35.3	52.9



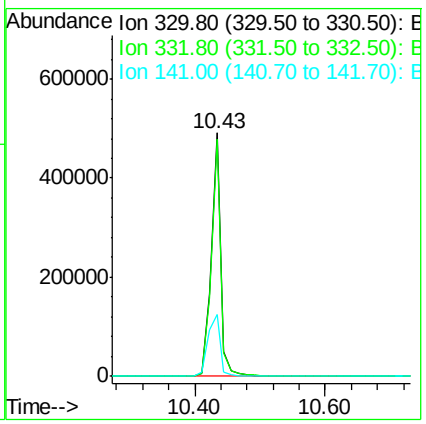


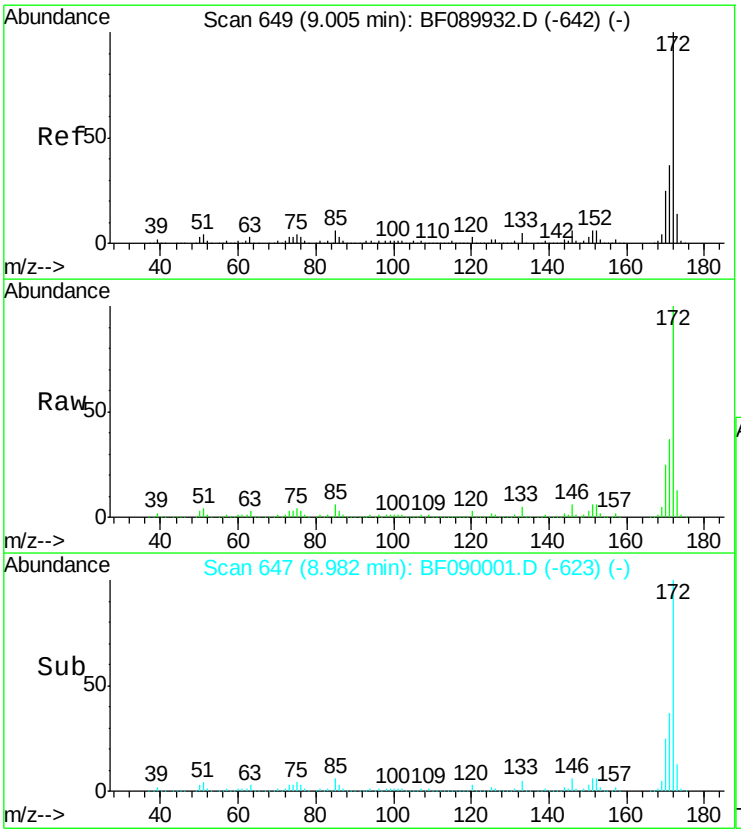
#41
2,4,6-Tribromophenol
Concen: 135.96 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-7

Tgt Ion:330 Resp: 508776

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.6	117.8
141	32.7	23.3	34.9

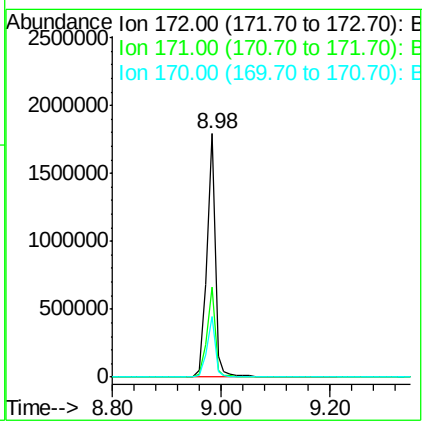


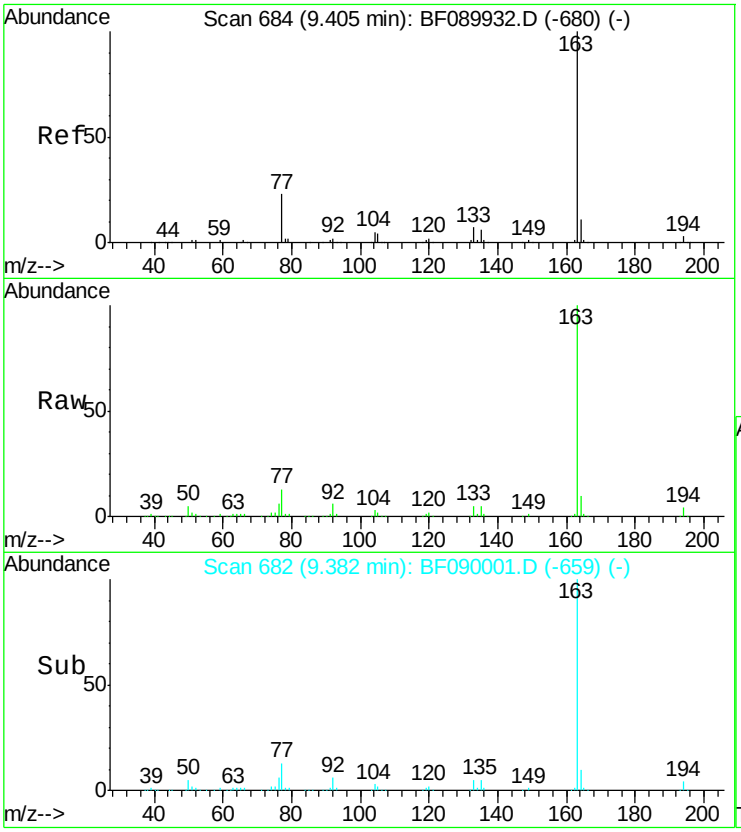


#44
2-Fluorobiphenyl
Concen: 83.11 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Tgt Ion:172 Resp: 1920374

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	25.1	20.1	30.1

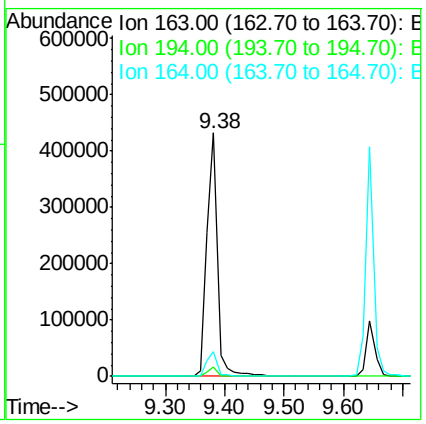




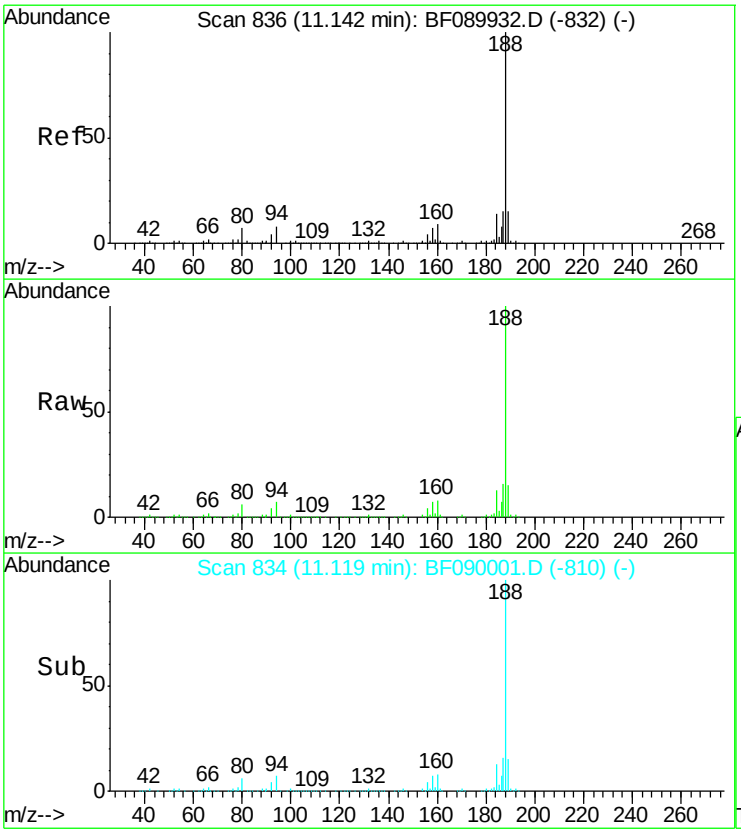
#49
Dimethylphthalate
Concen: 19.56 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Tgt Ion:163 Resp: 536331

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.2	9.0	13.4



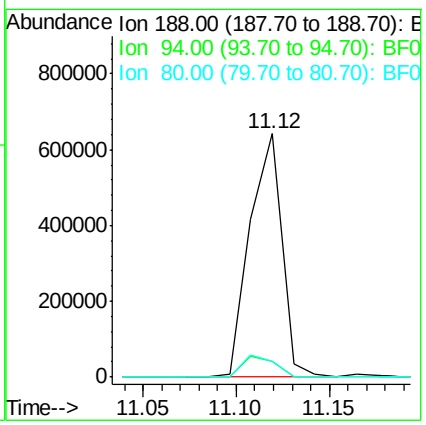
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-7

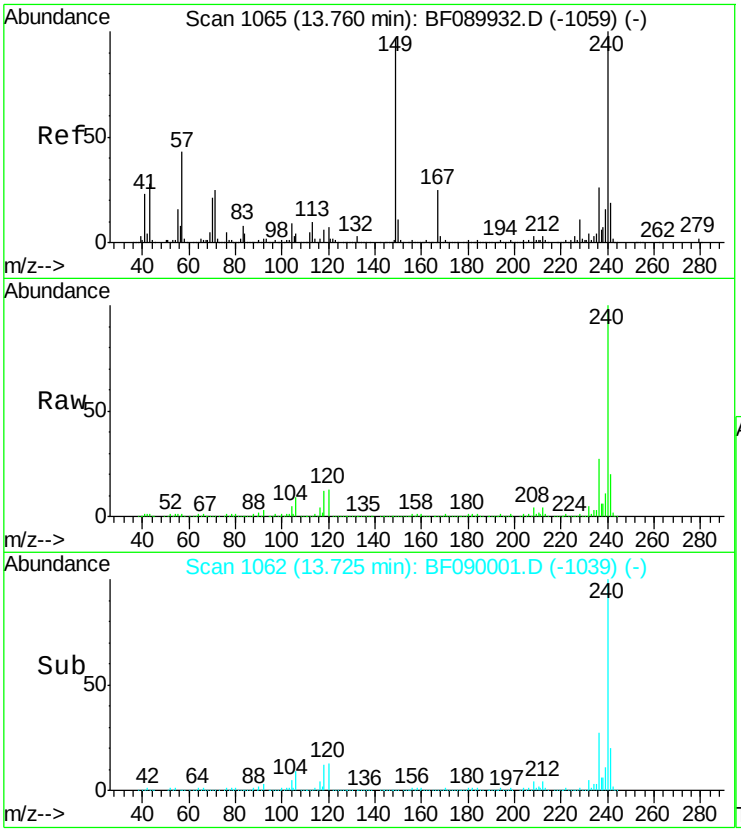


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Tgt Ion:188 Resp: 759006

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.9	8.9
80	6.4	5.8	8.8



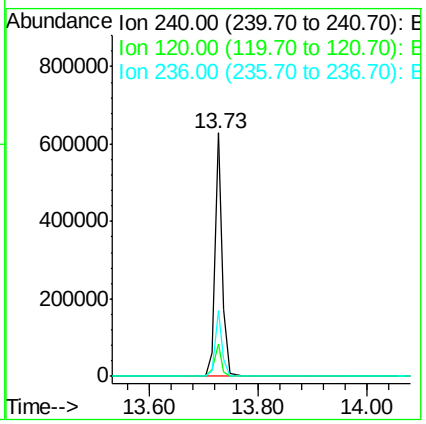


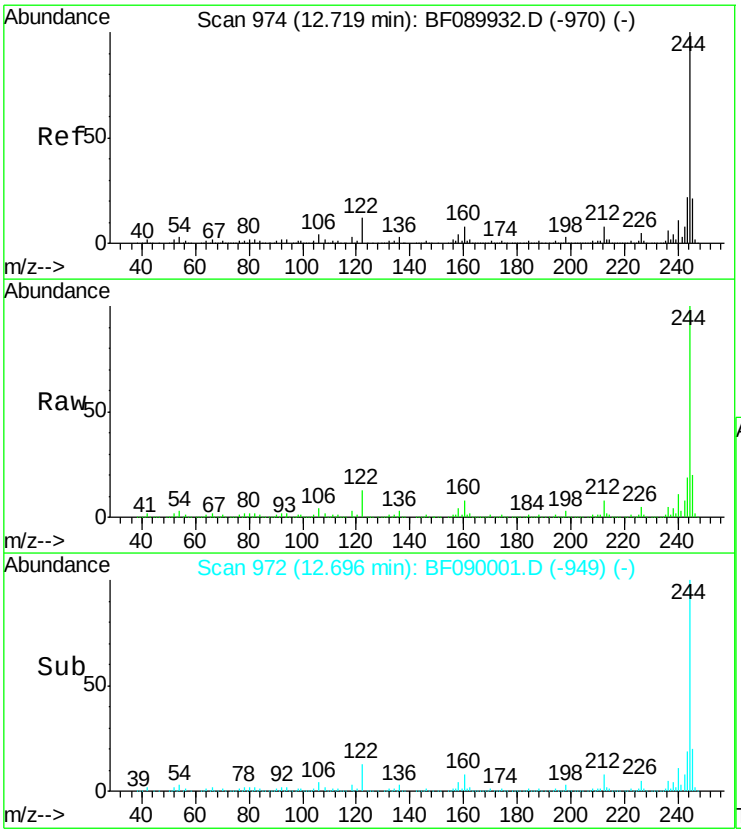
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.03 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-7

Tgt Ion:240 Resp: 610164

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.7	8.5#
236	27.0	21.3	31.9

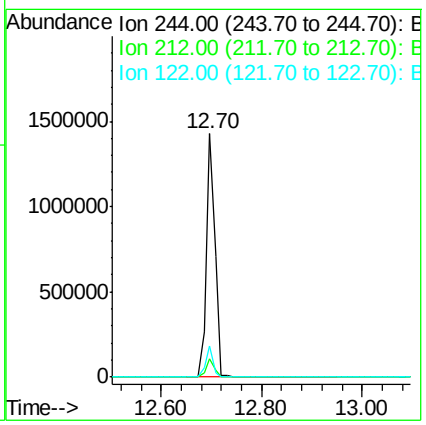


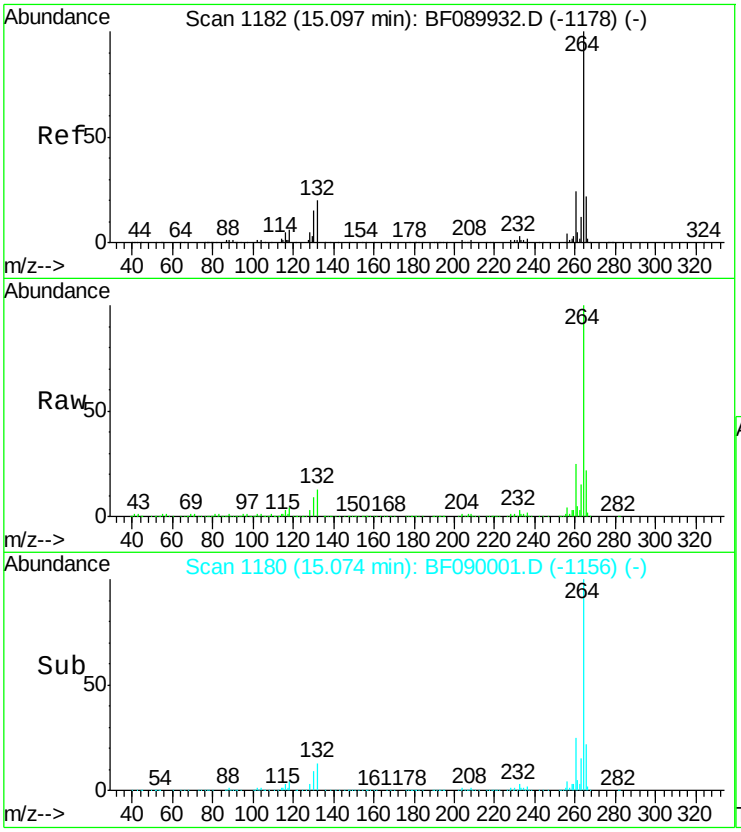


#78
Terphenyl-d14
Concen: 68.38 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.03 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Tgt Ion:244 Resp: 1689008

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	12.7	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: BF090001.D
Acq: 7 Sep 2016 13:28

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-7

Tgt Ion:264 Resp: 458540

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.7	17.4	26.2