Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090530.D
Acq On : 12 Oct 2016 5:31
Operator : UM/SJ
Sample : U4S5C
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93973BL

Quant Time: Oct 12 06:05:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	205899	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	791512	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	429433	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	681319	20.00	ng	0.00
75) Chrysene-d12	14.12	240	493559	20.00	ng	-0.01
86) Perylene-d12	15.61	264	363158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1373438	103.77	ng	0.01
7) Phenol-d6	6.59	99	1735888	103.94	ng	0.00
23) Nitrobenzene-d5	7.51	82	1205491	82.61	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	547147	128.53	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2303011	90.12	ng	0.00
78) Terphenyl-d14	13.08	244	2421102	119.88	ng	0.00
Target Compounds						Qvalue

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

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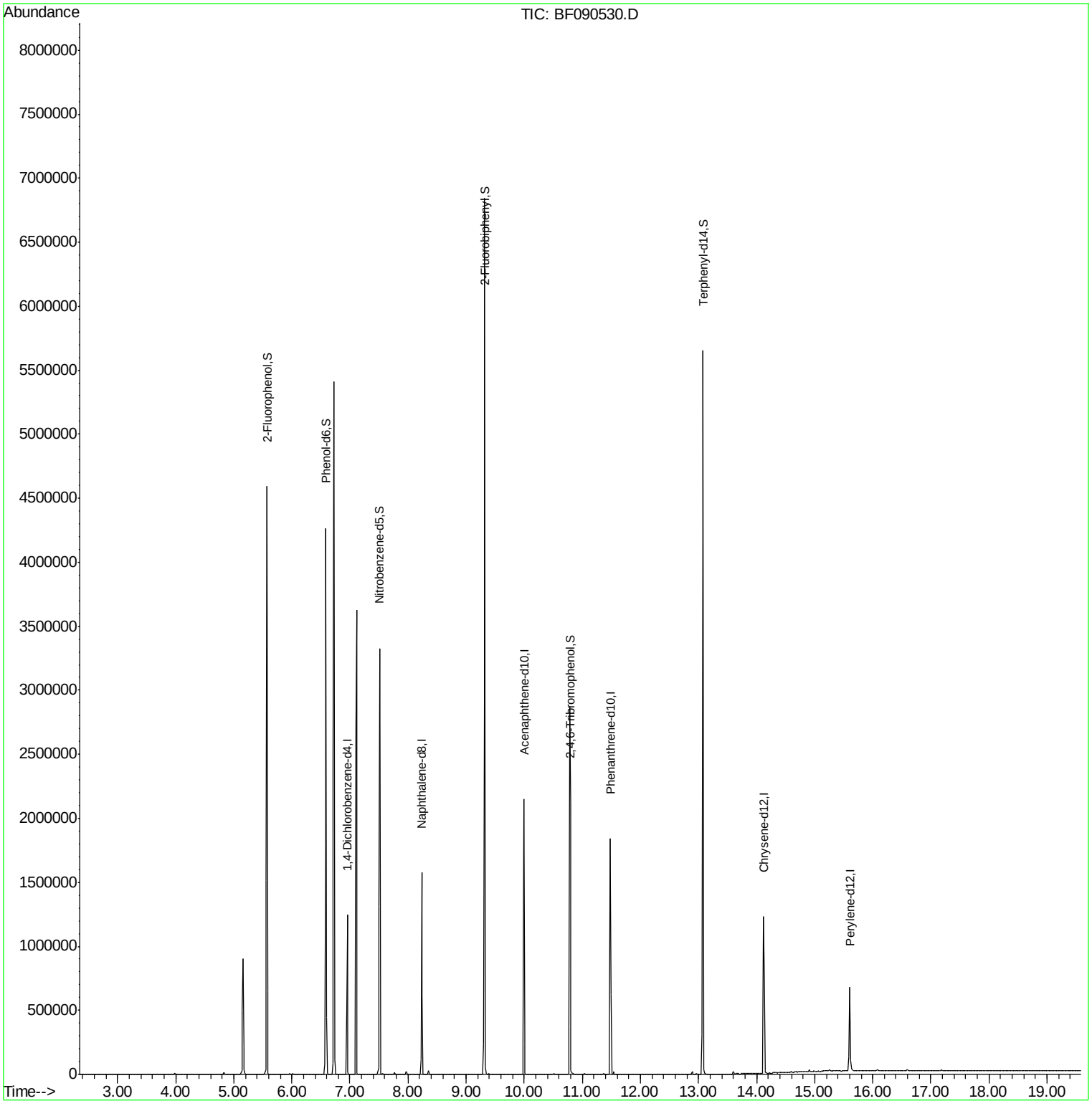
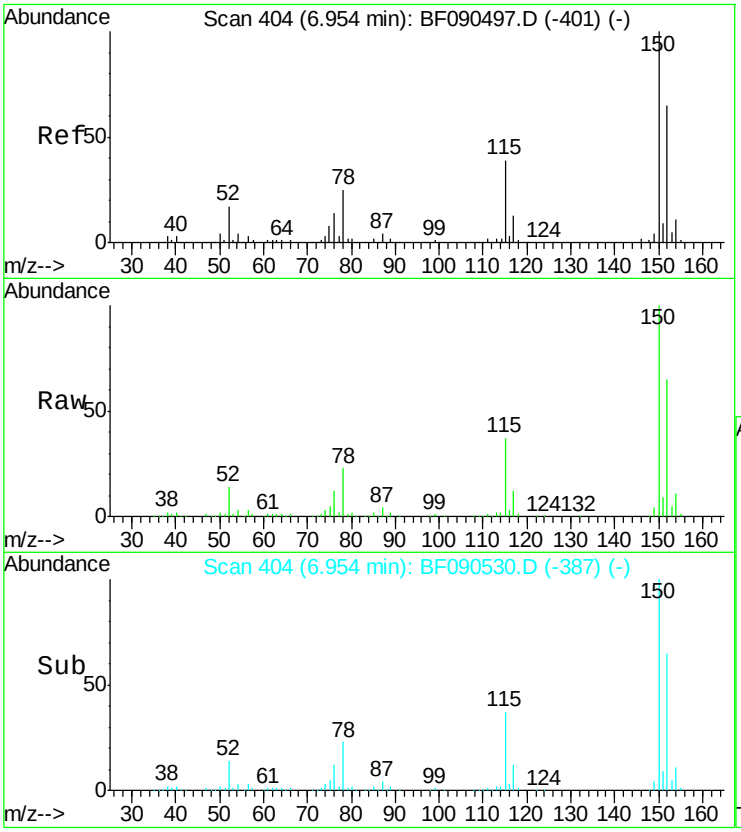


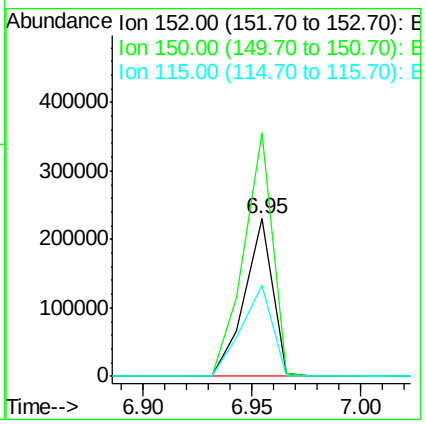


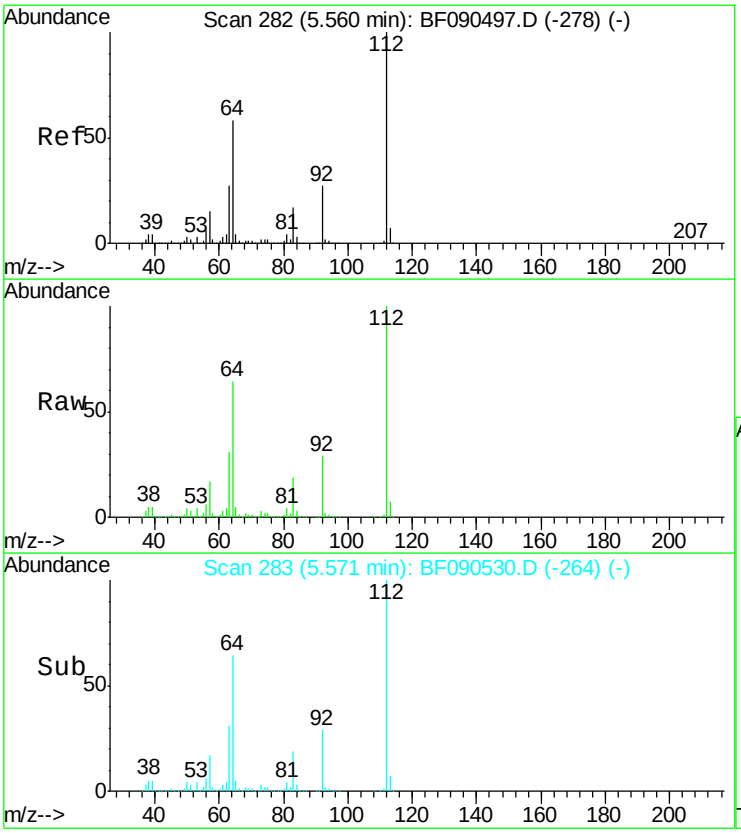
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090530.D
Acq: 12 Oct 2016 5:31

Instrument :
BNA_F
ClientSampleId :
PB93973BL

Tgt Ion:152 Resp: 205899

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	57.7	46.2	69.4

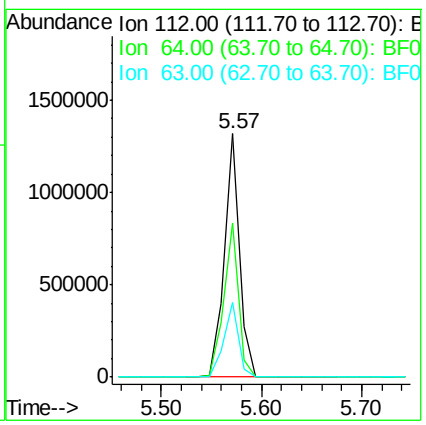


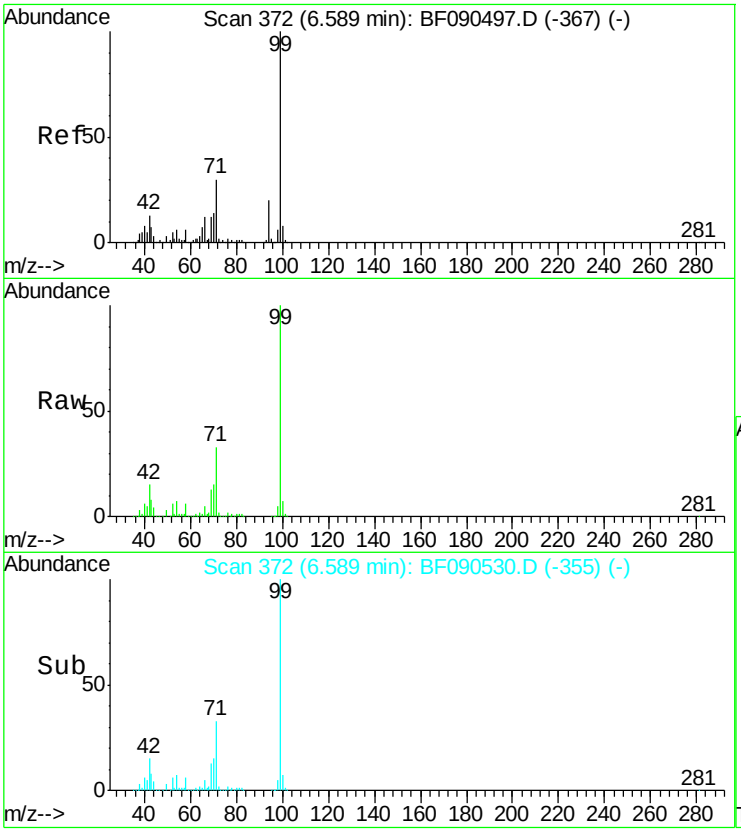


#5
2-Fluorophenol
Concen: 103.77 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF090530.D
Acq: 12 Oct 2016 5:31

Tgt Ion:112 Resp: 1373438

Ion	Ratio	Lower	Upper
112	100		
64	63.5	57.9	86.9
63	30.7	29.6	44.4



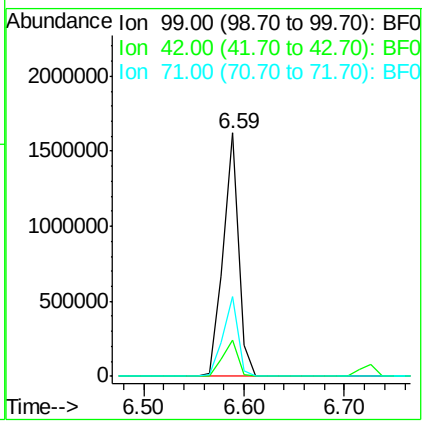


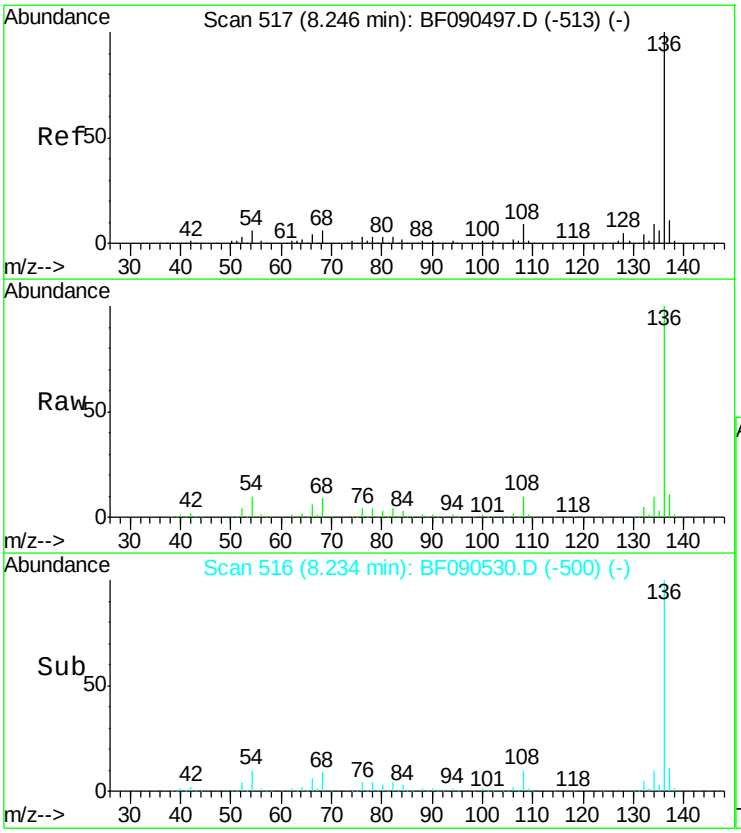
#7
Phenol-d6
Concen: 103.94 ng
RT: 6.59 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF090530.D
Acq: 12 Oct 2016 5:31

Instrument :
BNA_F
ClientSampleId :
PB93973BL

Tgt Ion: 99 Resp: 1735888

Ion	Ratio	Lower	Upper
99	100		
42	15.2	20.0	30.0#
71	32.8	27.9	41.9

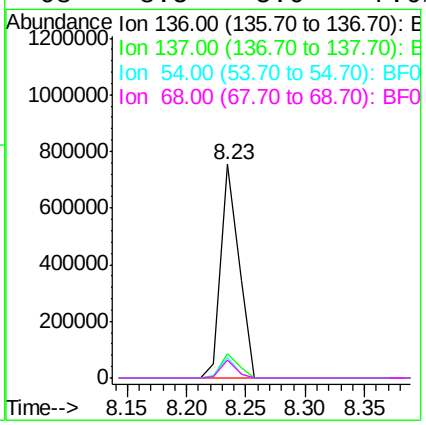


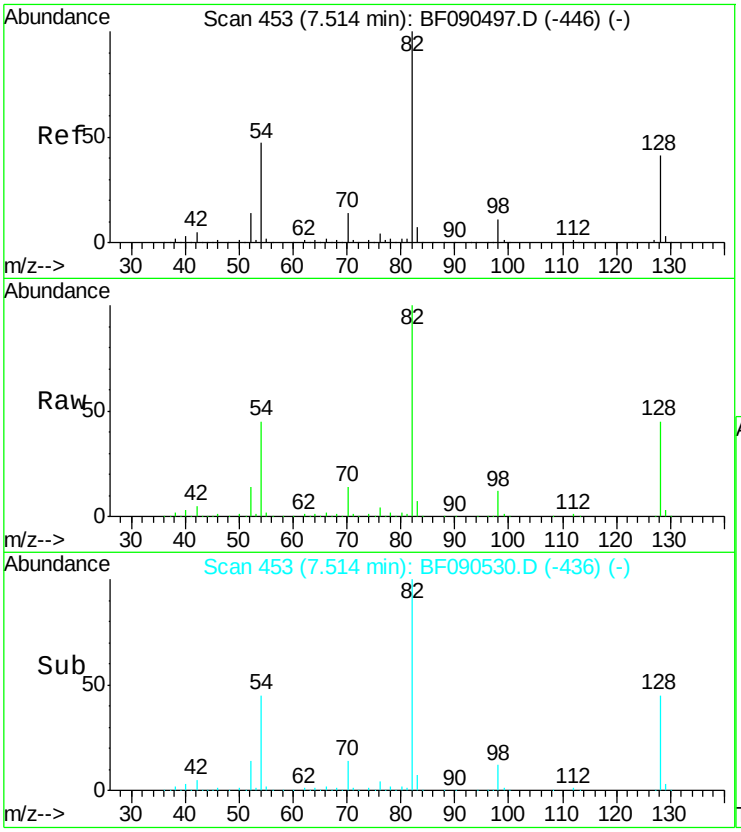


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF090530.D
Acq: 12 Oct 2016 5:31

Tgt Ion:136 Resp: 791512

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.7	6.6	10.0
68	8.5	5.0	7.6#



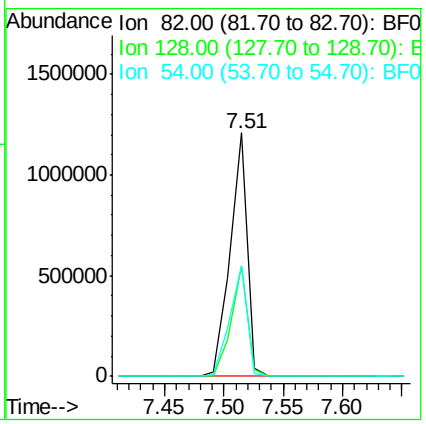


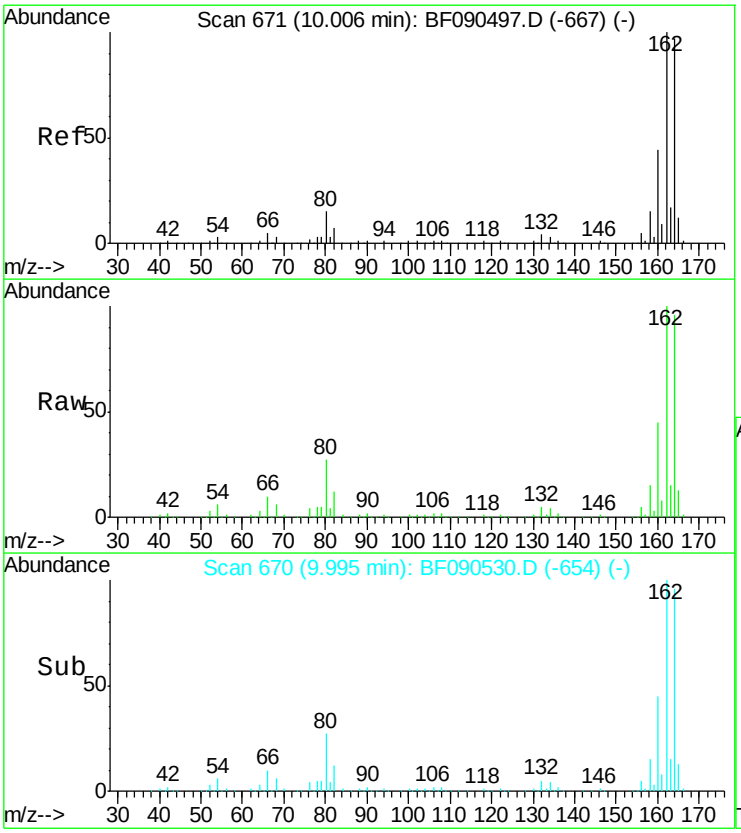
#23
Nitrobenzene-d5
Concen: 82.61 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090530.D
Acq: 12 Oct 2016 5:31

Instrument :
BNA_F
ClientSampleId :
PB93973BL

Tgt Ion: 82 Resp: 1205491

Ion	Ratio	Lower	Upper
82	100		
128	45.2	40.0	60.0
54	45.2	42.6	64.0

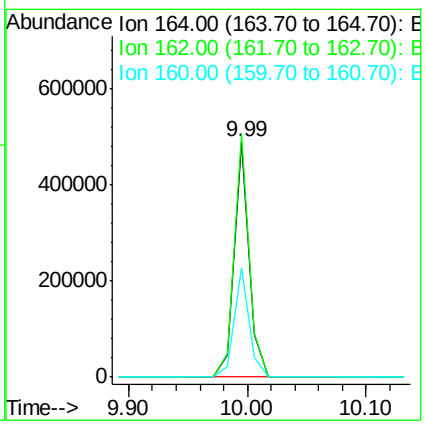


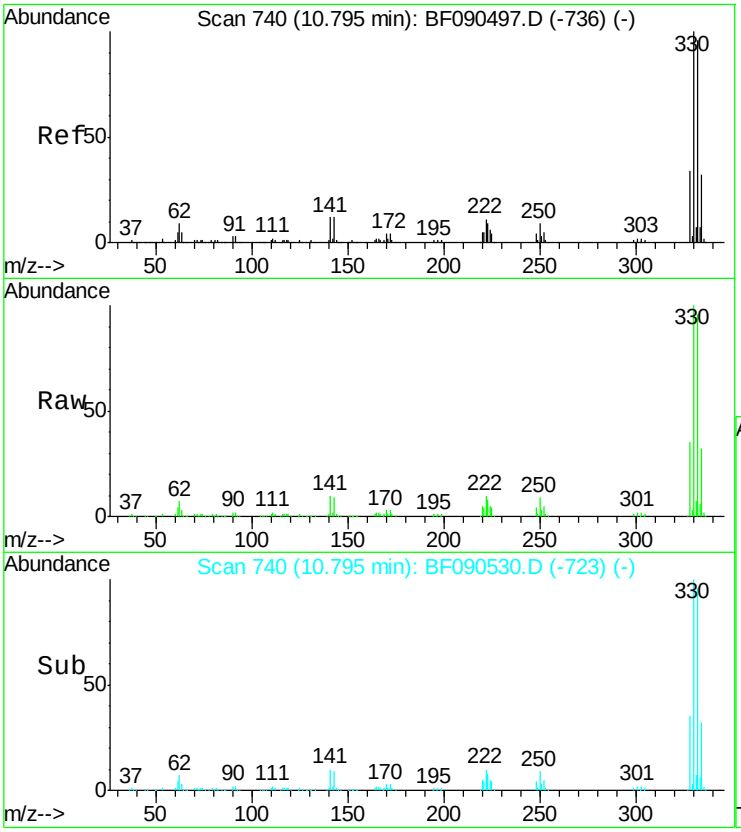


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090530.D
Acq: 12 Oct 2016 5:31

Tgt Ion:164 Resp: 429433

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.1	120.1
160	46.6	36.3	54.5



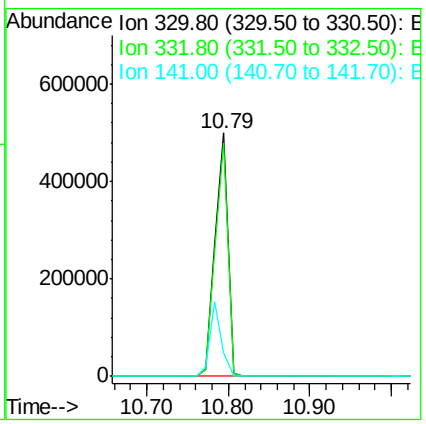


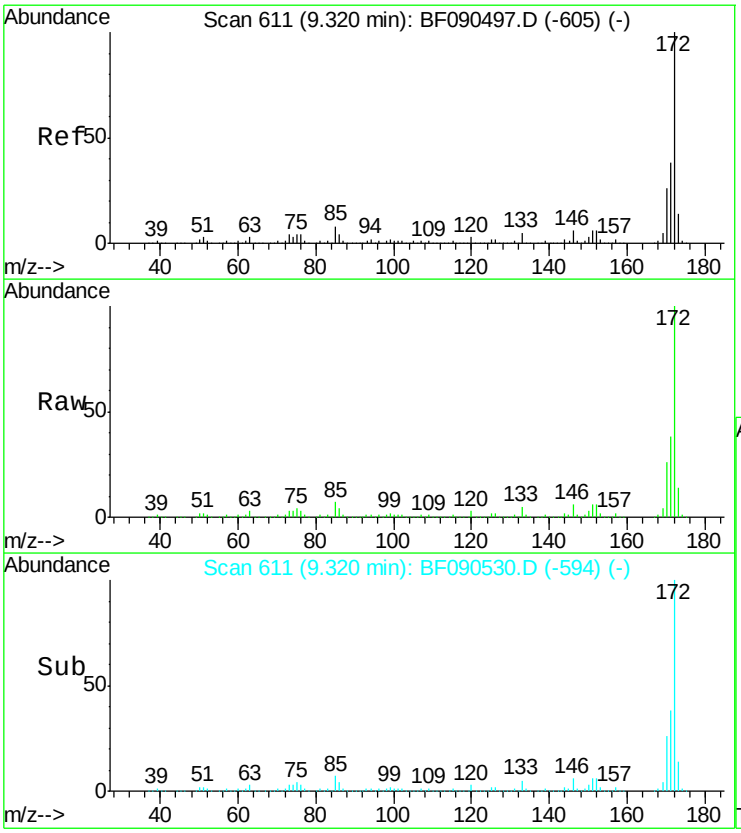
#41
2,4,6-Tribromophenol
Concen: 128.53 ng
RT: 10.79 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF090530.D
Acq: 12 Oct 2016 5:31

Instrument :
BNA_F
ClientSampleId :
PB93973BL

Tgt Ion:330 Resp: 547147

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.0
141	28.4	26.9	40.3

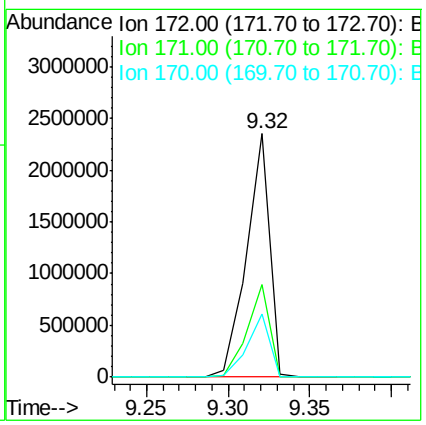


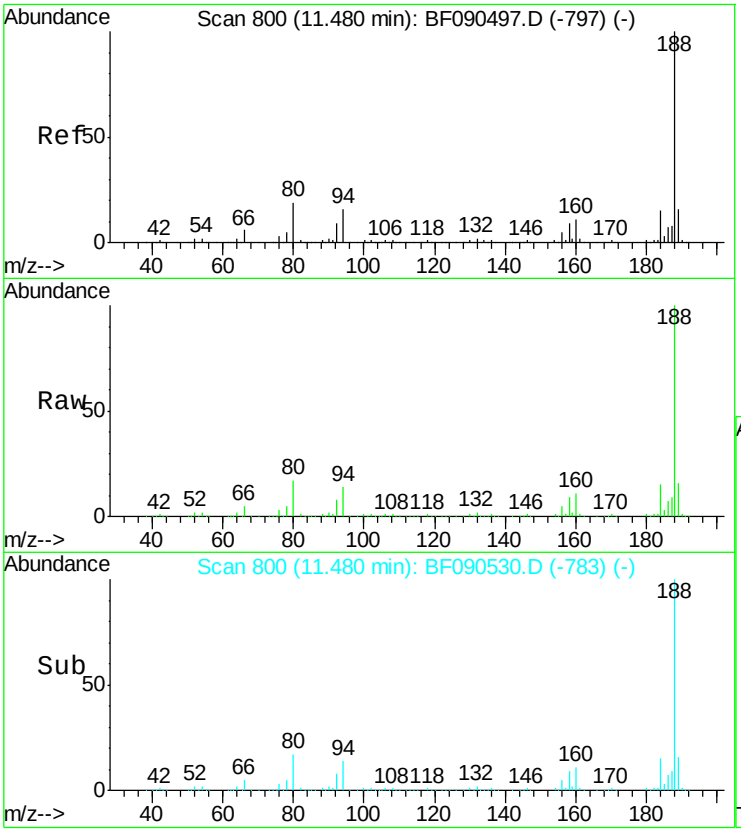


#44
2-Fluorobiphenyl
Concen: 90.12 ng
RT: 9.32 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF090530.D
Acq: 12 Oct 2016 5:31

Tgt Ion:172 Resp: 2303011

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.8	47.8
170	25.8	21.7	32.5



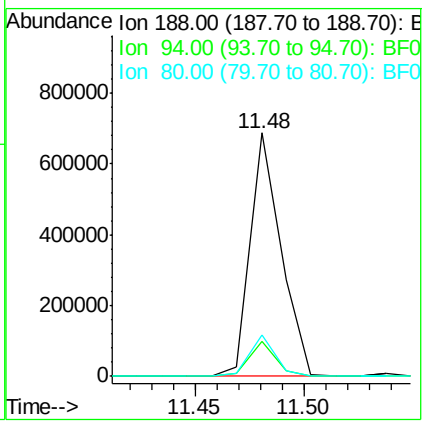


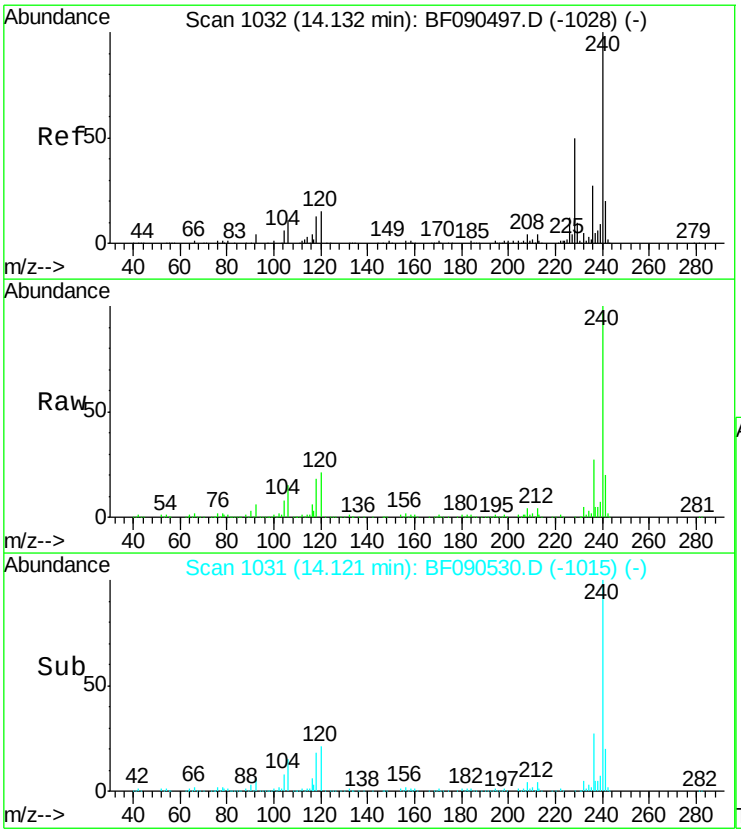
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090530.D
Acq: 12 Oct 2016 5:31

Instrument :
BNA_F
ClientSampleId :
PB93973BL

Tgt Ion:188 Resp: 681319

Ion	Ratio	Lower	Upper
188	100		
94	14.4	8.2	12.2#
80	16.9	8.8	13.2#

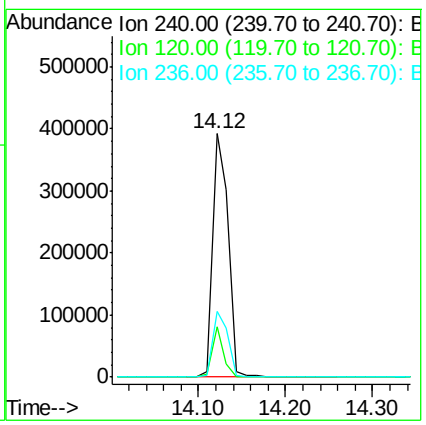


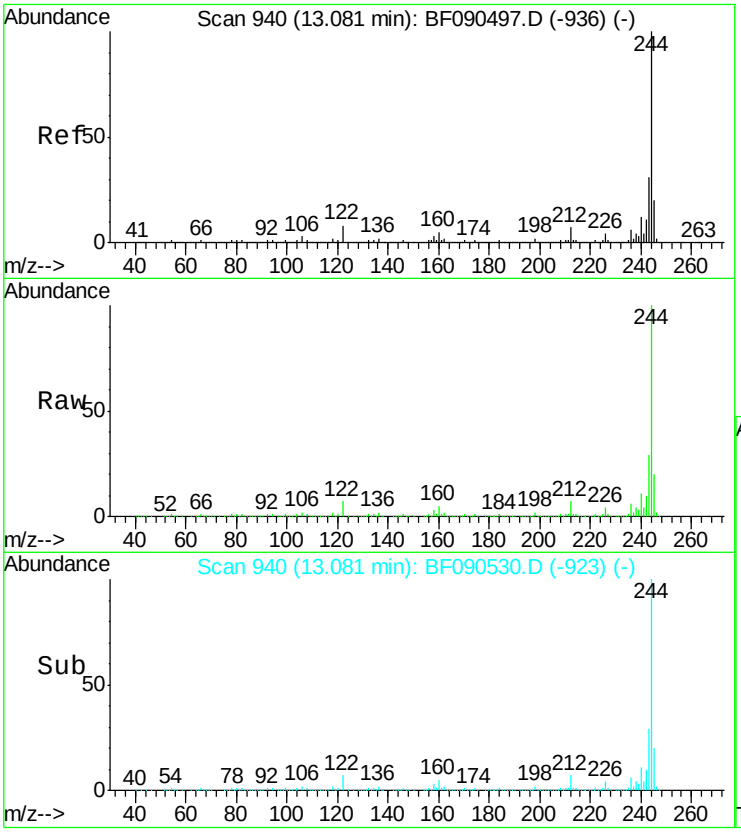


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF090530.D
Acq: 12 Oct 2016 5:31

Tgt Ion:240 Resp: 493559

Ion	Ratio	Lower	Upper
240	100		
120	20.6	8.6	13.0#
236	27.1	21.6	32.4



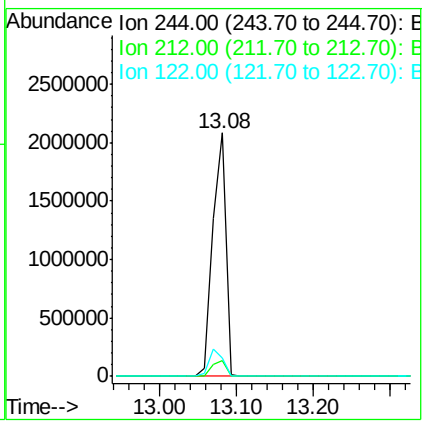


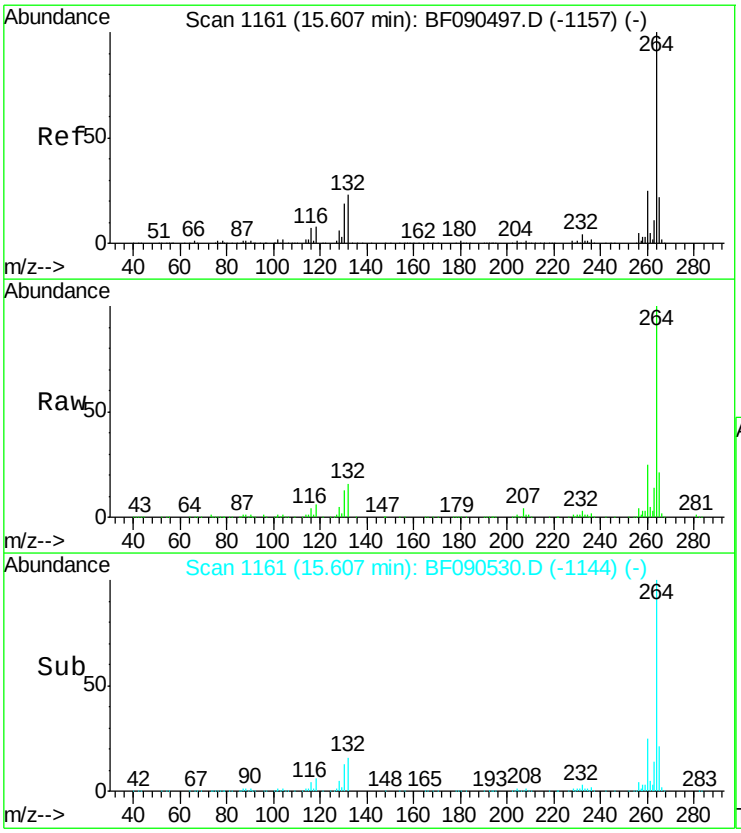
#78
Terphenyl-d14
Concen: 119.88 ng
RT: 13.08 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF090530.D
Acq: 12 Oct 2016 5:31

Instrument :
BNA_F
ClientSampleId :
PB93973BL

Tgt Ion:244 Resp: 2421102

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.8	10.2#
122	7.4	13.3	19.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090530.D
Acq: 12 Oct 2016 5:31

Tgt Ion:264 Resp: 363158

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.3	17.4	26.0