Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091727.D
Acq On : 18 Dec 2016 3:03
Operator : UM/SJ
Sample : H6099-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB02-121316

Quant Time: Dec 19 00:23:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	313879	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1354208	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	673956	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1236231	20.00	ng	0.00
75) Chrysene-d12	13.92	240	1019529	20.00	ng	-0.01
86) Perylene-d12	15.32	264	937023	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1379254	73.62	ng	0.00
7) Phenol-d6	6.41	99	1179807	51.64	ng	-0.01
23) Nitrobenzene-d5	7.33	82	2195599	93.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	935191	163.64	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3896177	116.14	ng	0.00
78) Terphenyl-d14	12.88	244	3840069	95.10	ng	0.00
Target Compounds						Qvalue

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

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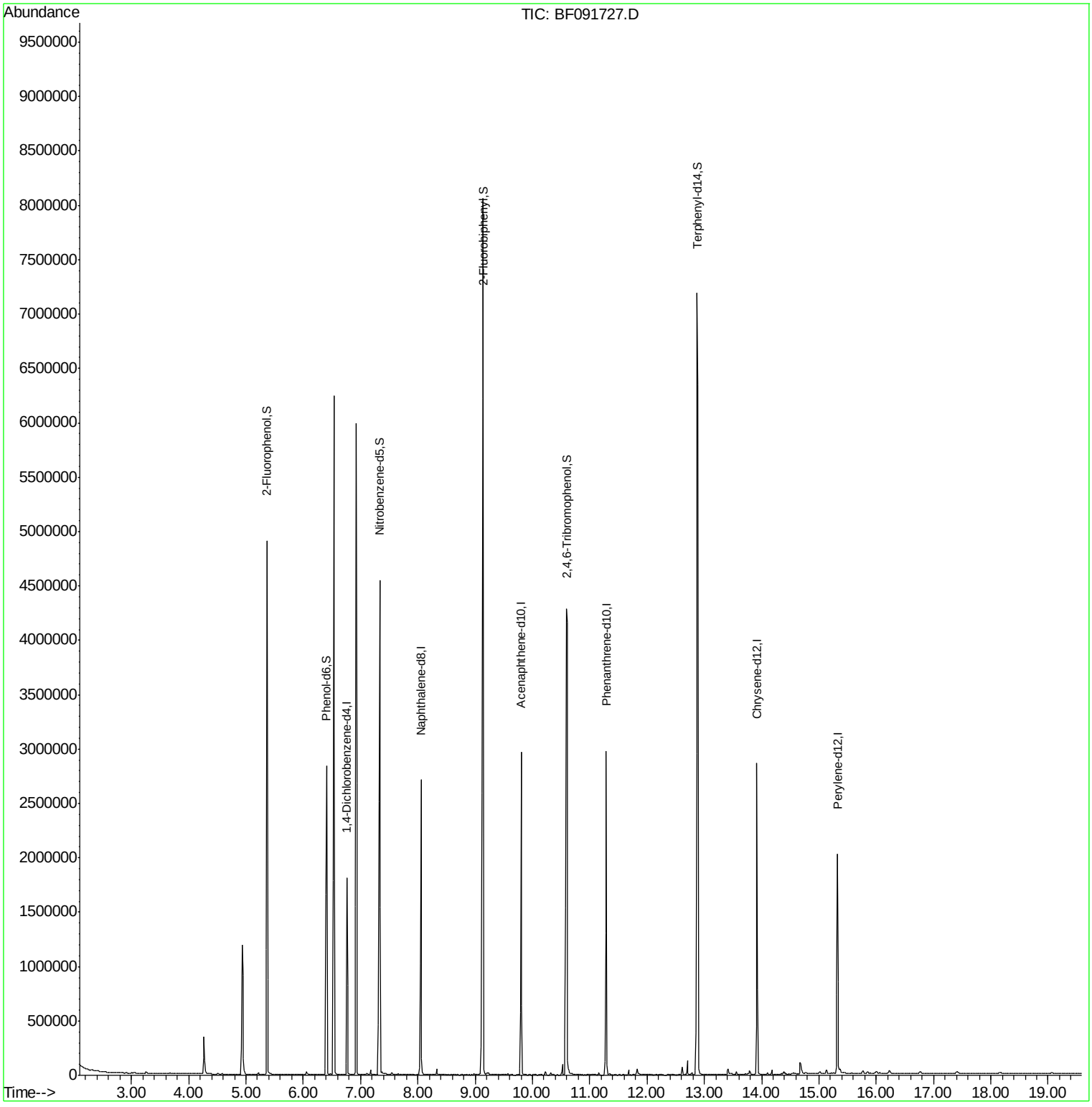
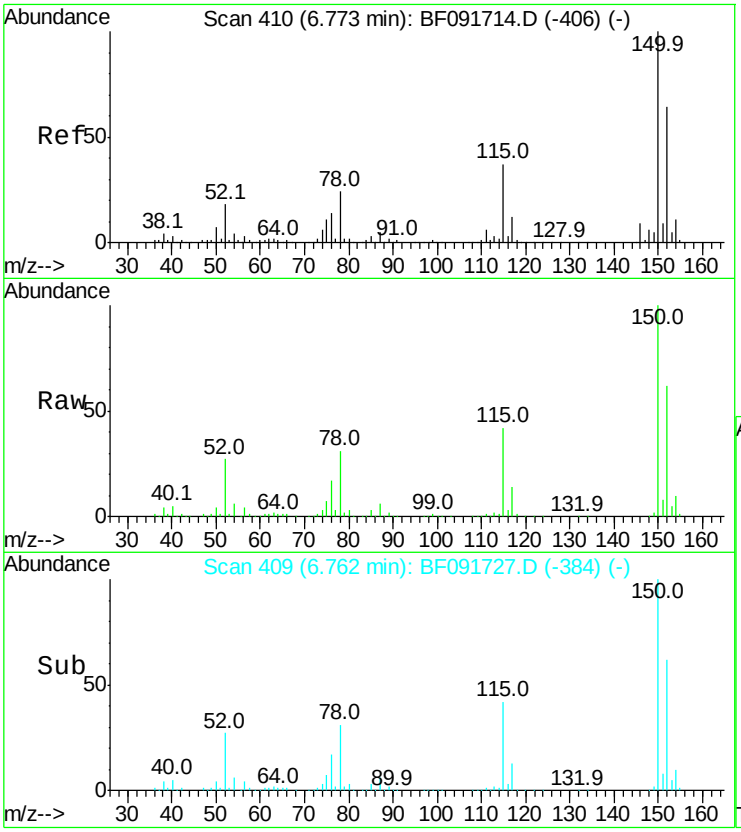


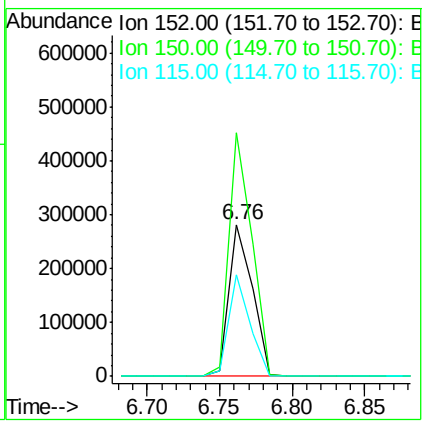


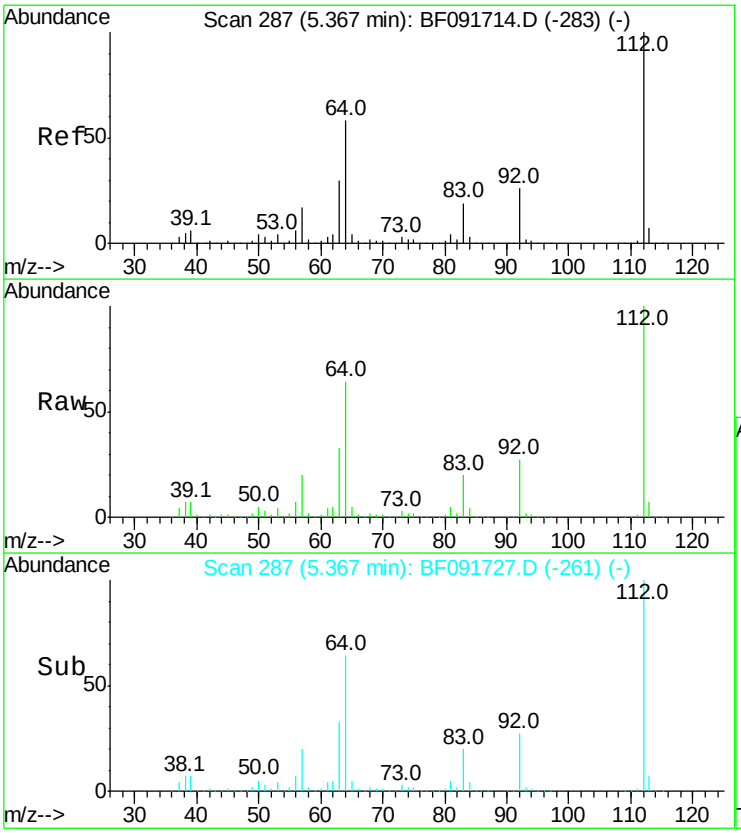
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
FB02-121316

Tgt Ion:152 Resp: 313879

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.9	187.3
115	66.8	46.0	69.0

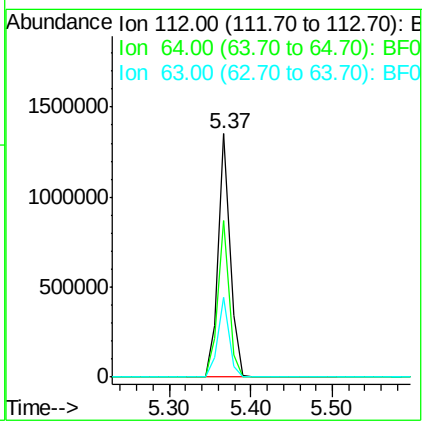


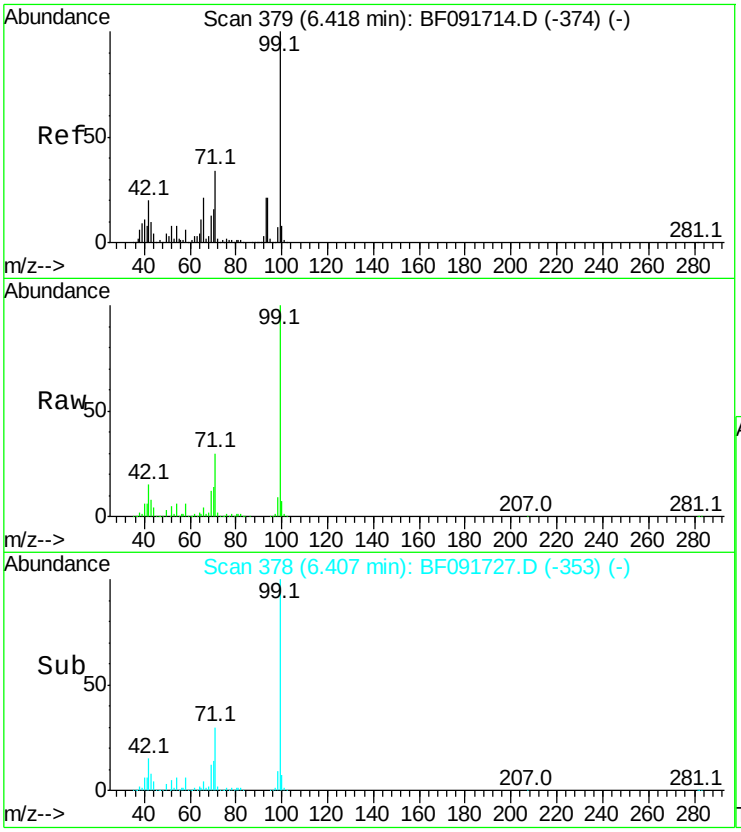


#5
2-Fluorophenol
Concen: 73.62 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Tgt Ion:112 Resp: 1379254

Ion	Ratio	Lower	Upper
112	100		
64	64.3	46.1	69.1
63	32.8	23.8	35.6



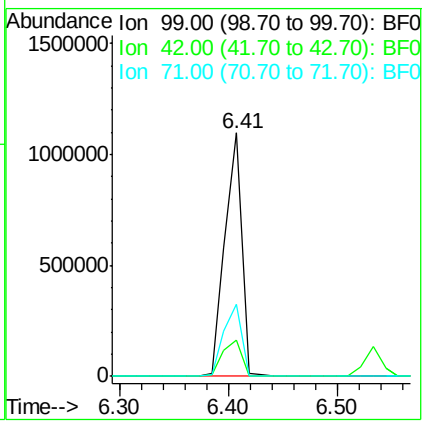


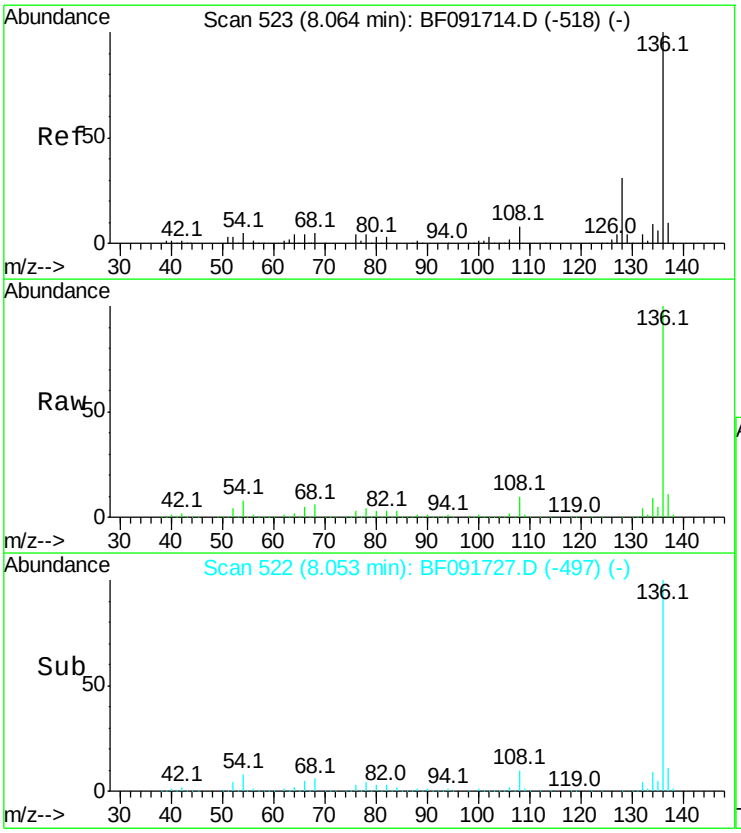
#7
Phenol-d6
Concen: 51.64 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
FB02-121316

Tgt Ion: 99 Resp: 1179807

Ion	Ratio	Lower	Upper
99	100		
42	14.8	15.6	23.4#
71	29.8	27.5	41.3

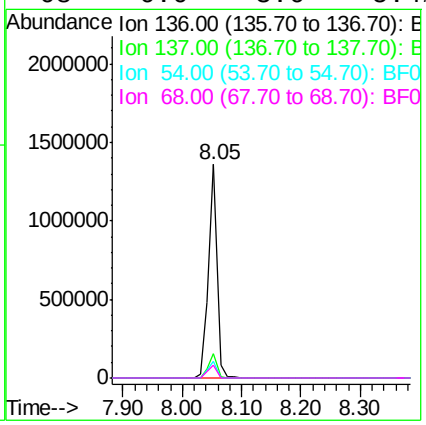


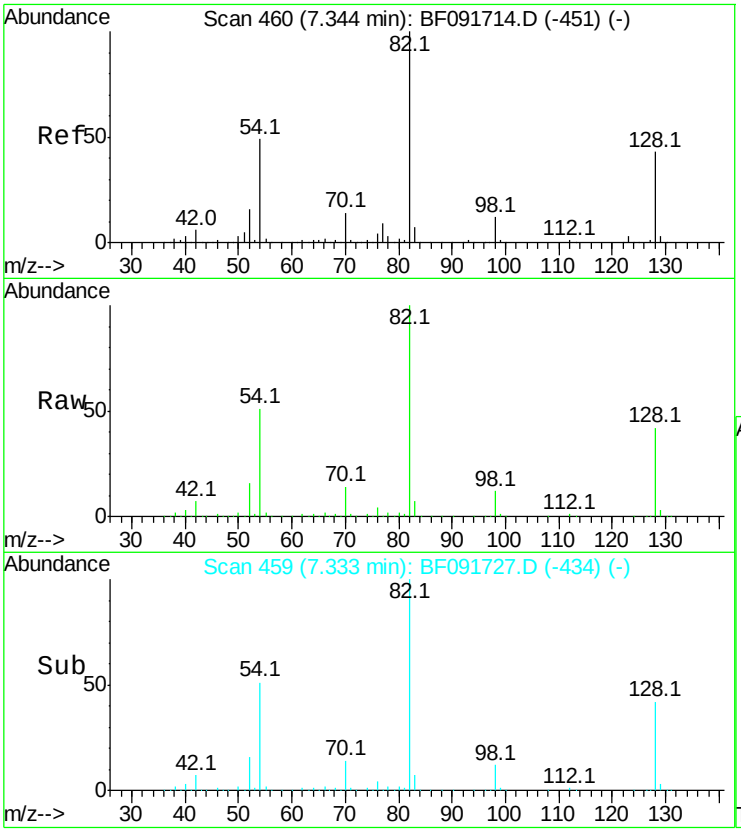


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Tgt Ion:136 Resp: 1354208

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	7.6	4.5	6.7#
68	6.0	3.6	5.4#



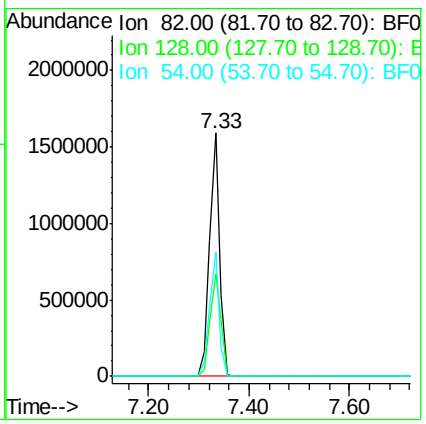


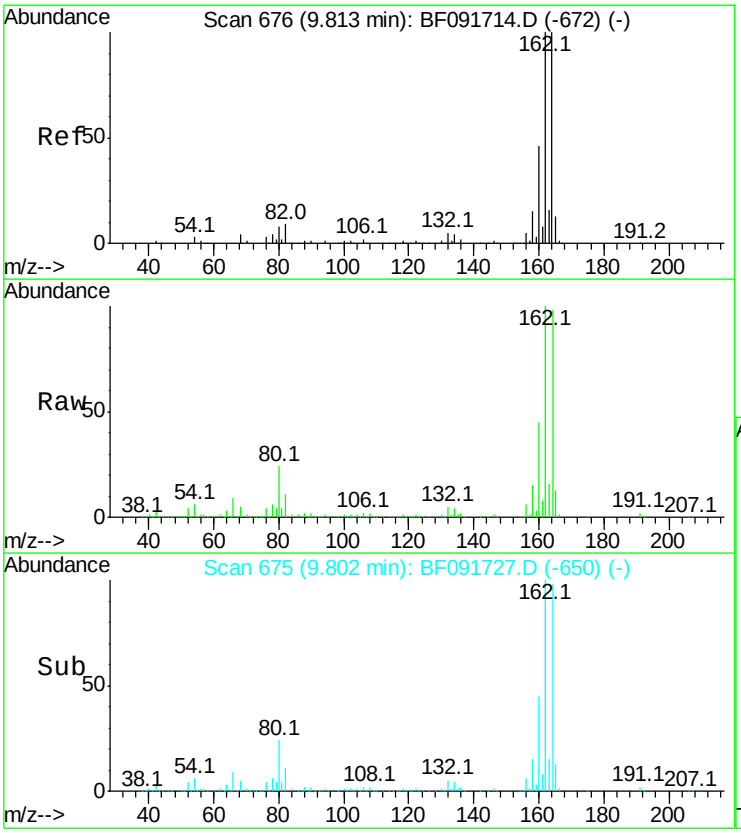
#23
Nitrobenzene-d5
Concen: 93.50 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
FB02-121316

Tgt Ion: 82 Resp: 2195599

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	51.1	39.5	59.3

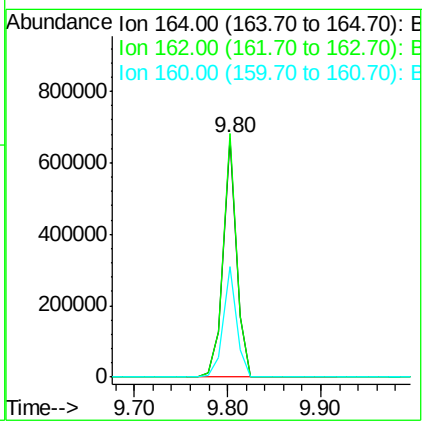


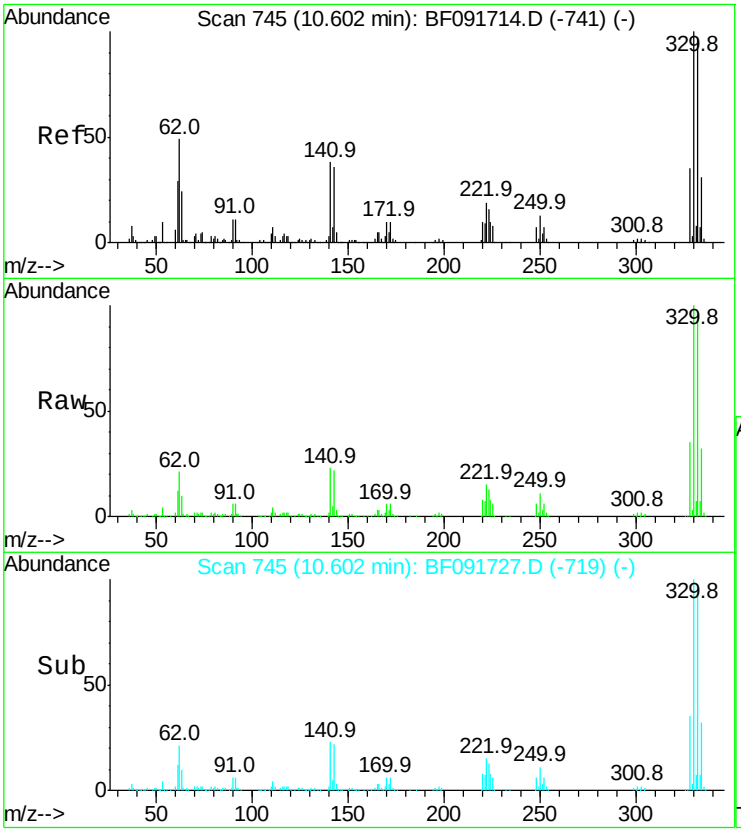


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Tgt Ion:164 Resp: 673956

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	46.1	36.9	55.3



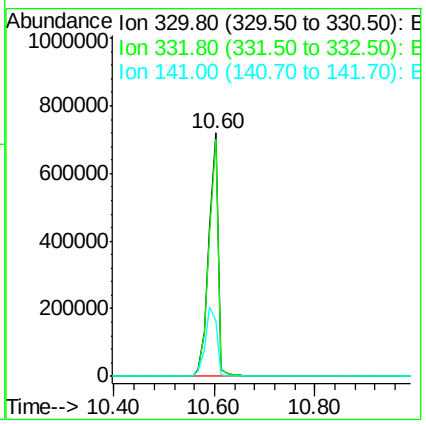


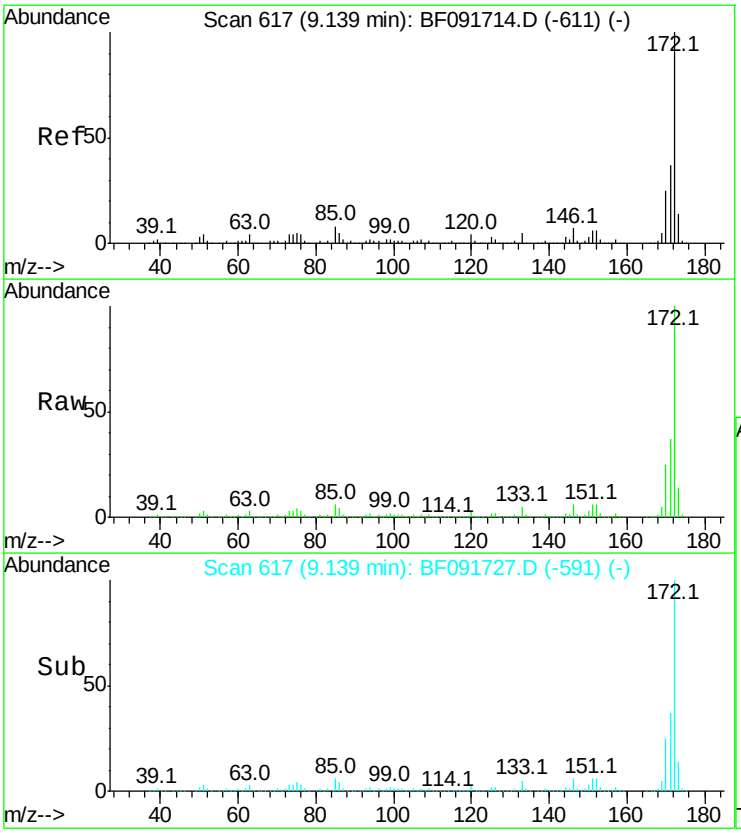
#41
2,4,6-Tribromophenol
Concen: 163.64 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
FB02-121316

Tgt Ion:330 Resp: 935191

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	35.4	34.1	51.1

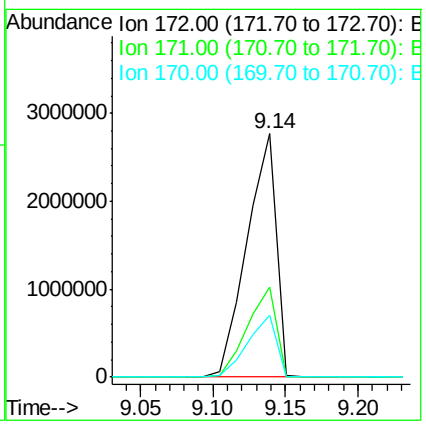


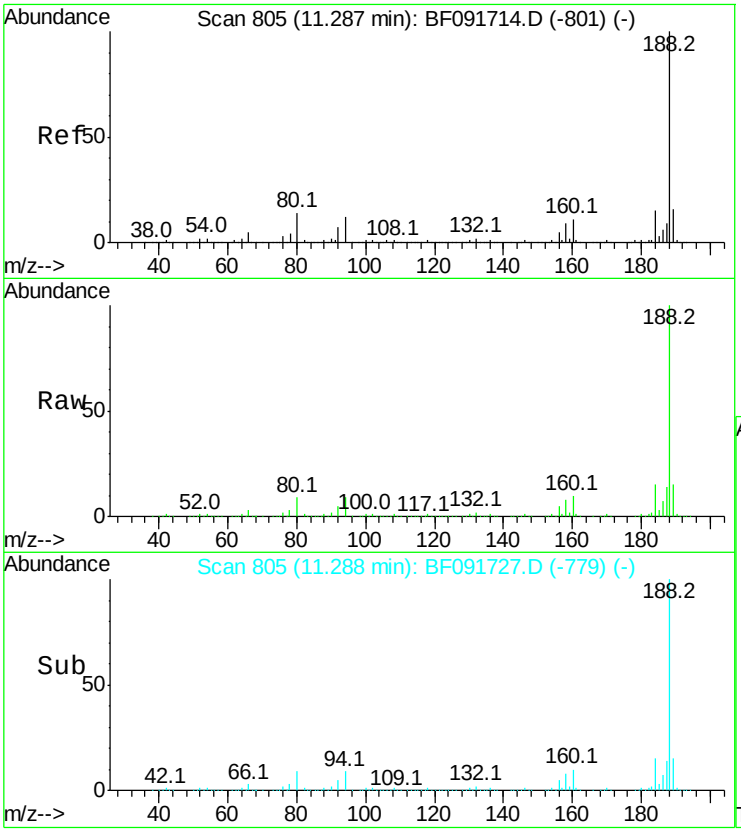


#44
2-Fluorobiphenyl
Concen: 116.14 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Tgt Ion:172 Resp: 3896177

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	25.4	20.2	30.4



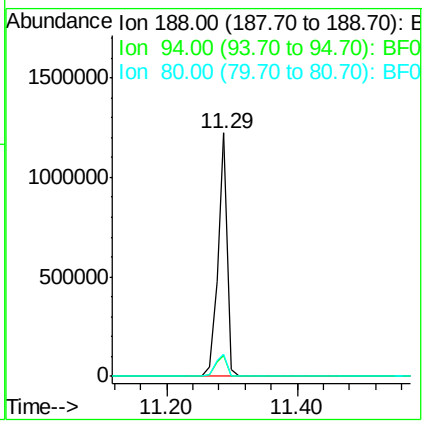


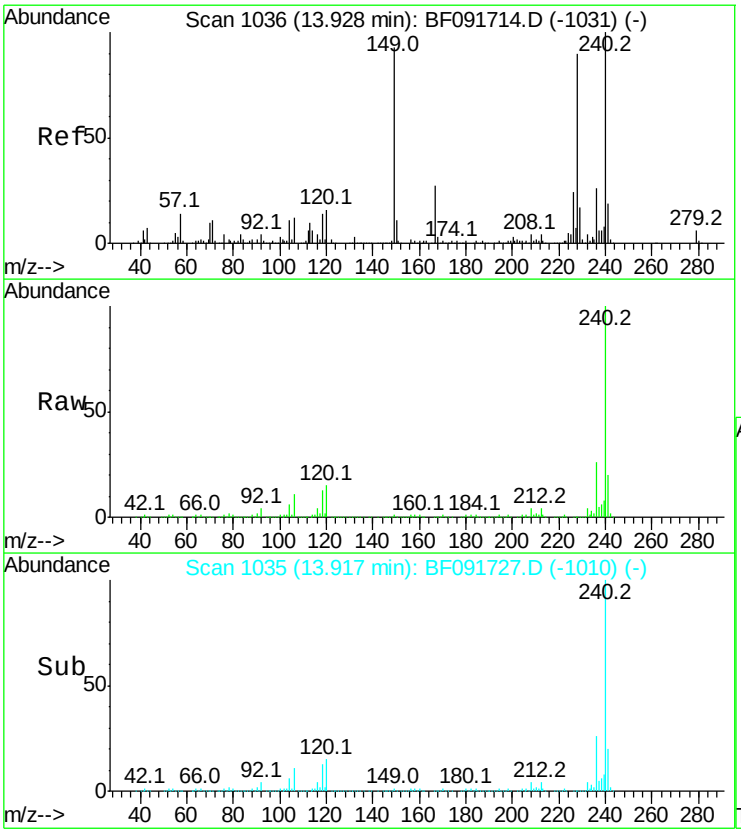
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
FB02-121316

Tgt Ion:188 Resp: 1236231

Ion	Ratio	Lower	Upper
188	100		
94	8.7	10.0	15.0#
80	9.2	11.2	16.8#

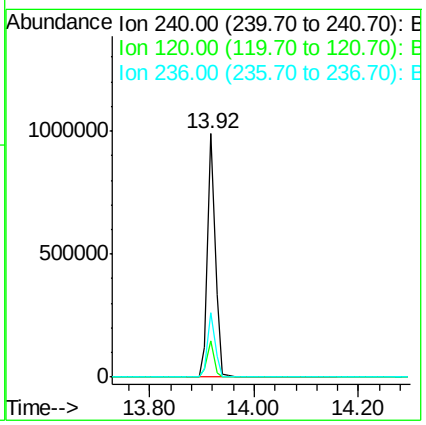


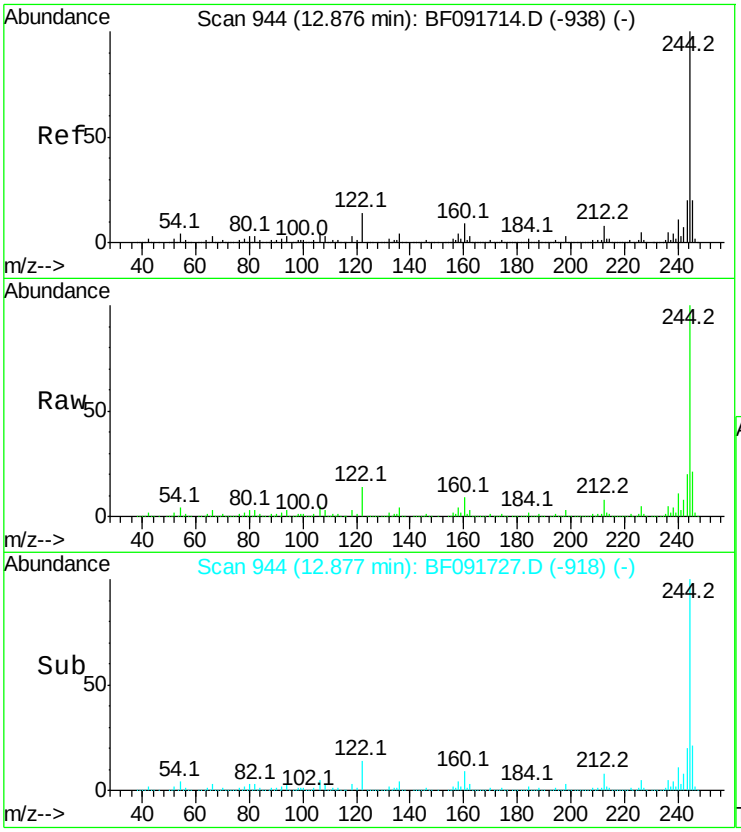


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Tgt Ion:240 Resp: 1019529

Ion	Ratio	Lower	Upper
240	100		
120	14.9	12.9	19.3
236	26.5	20.9	31.3



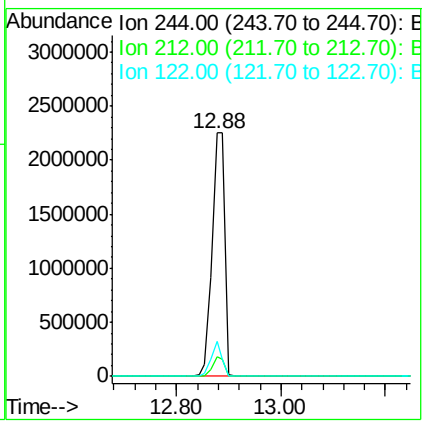


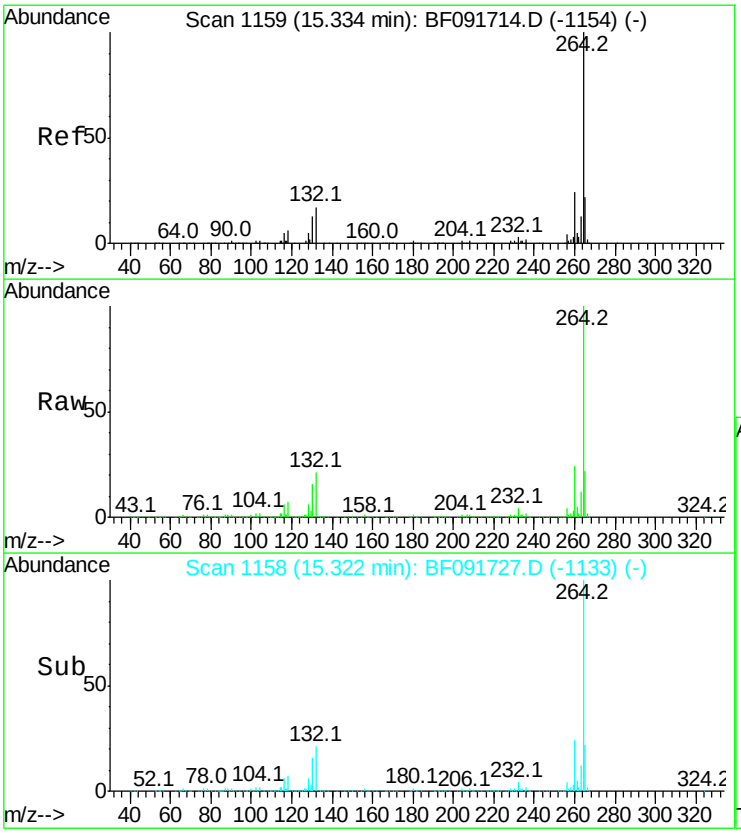
#78
Terphenyl-d14
Concen: 95.10 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
FB02-121316

Tgt Ion:244 Resp: 3840069

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.2	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Tgt Ion:264 Resp: 937023

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.4	26.0