Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089652.D
Acq On : 6 Aug 2016 5:51
Operator : UM/SJ
Sample : H4351-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CORE-E

Quant Time: Aug 06 06:26:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	42354	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	167348	20.00	ng	0.00
38) Acenaphthene-d10	12.29	164	70344	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	104720	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	85194	20.00	ng	0.00
86) Perylene-d12	20.05	264	71676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	419465	165.99	ng	0.02
7) Phenol-d6	6.98	99	556877	162.45	ng	0.00
23) Nitrobenzene-d5	8.35	82	328468	108.57	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	75006	129.21	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	575100	106.25	ng	0.00
78) Terphenyl-d14	17.05	244	324050	75.09	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.94	163	103804	18.83	ng	99

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

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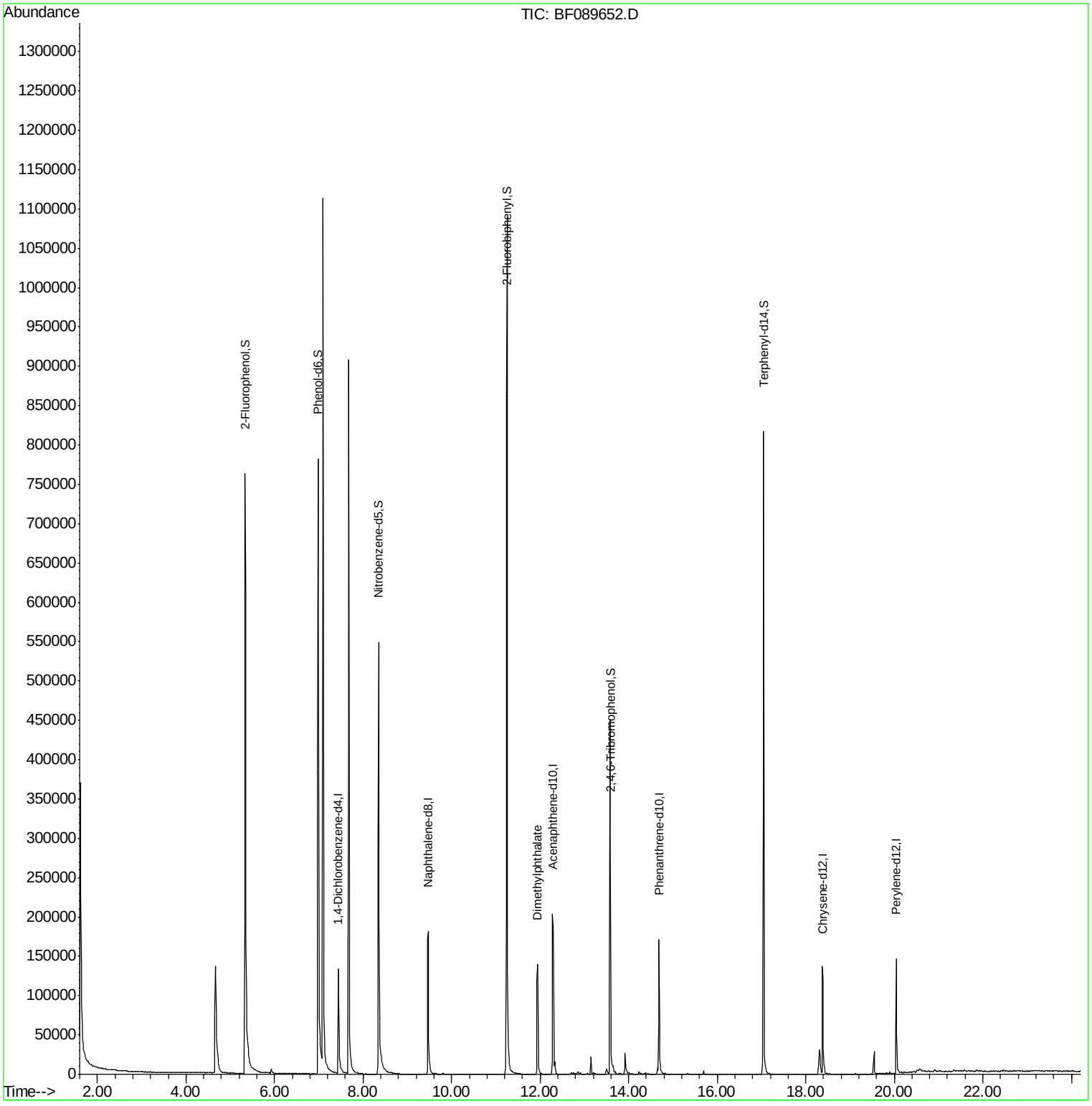
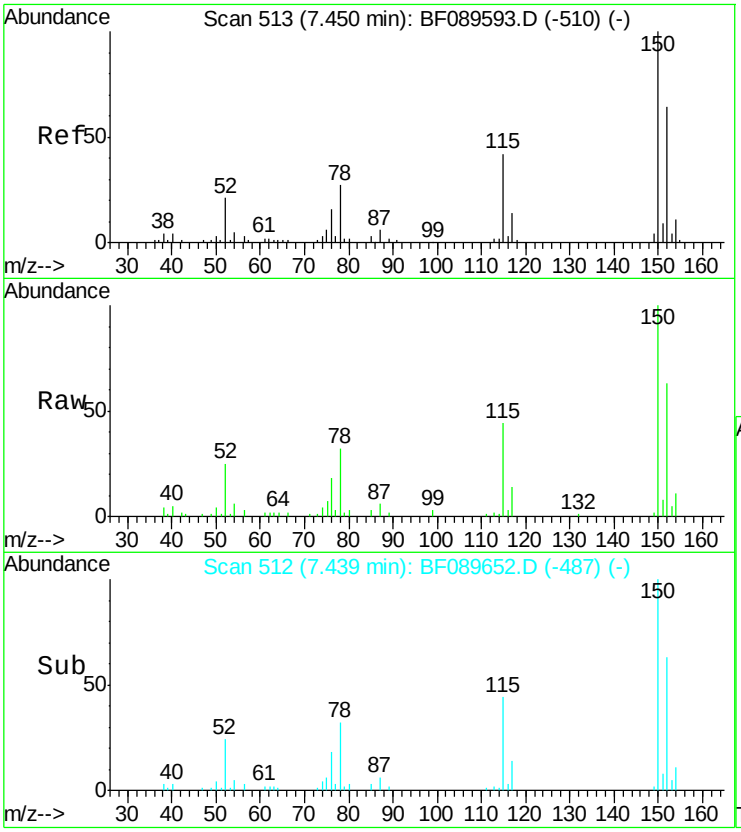


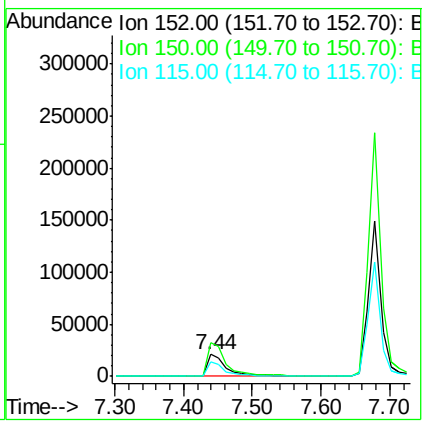


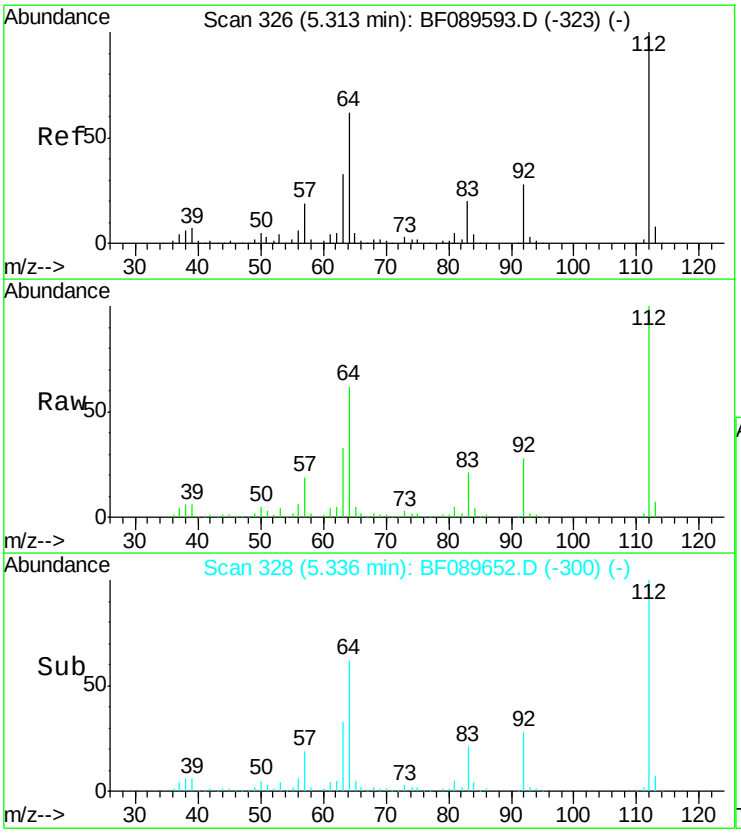
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Instrument :
BNA_F
ClientSampleId :
CORE-E

Tgt Ion:152 Resp: 42354

Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.5	188.3
115	69.8	52.0	78.0

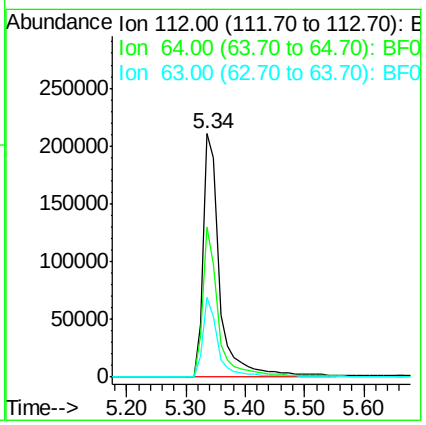


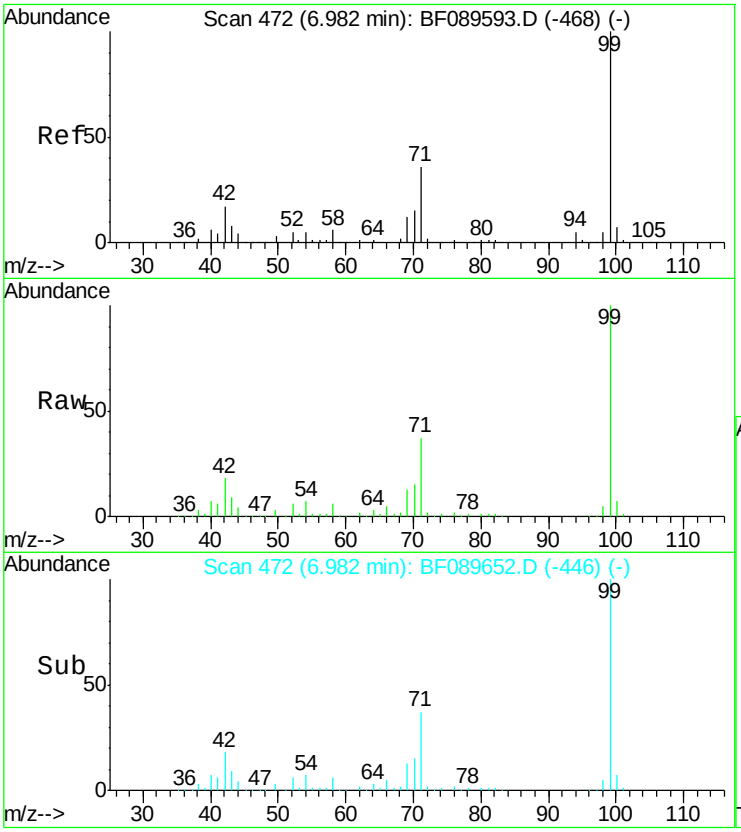


#5
2-Fluorophenol
Concen: 165.99 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Tgt Ion:112 Resp: 419465

Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.9	74.9
63	32.7	26.1	39.1



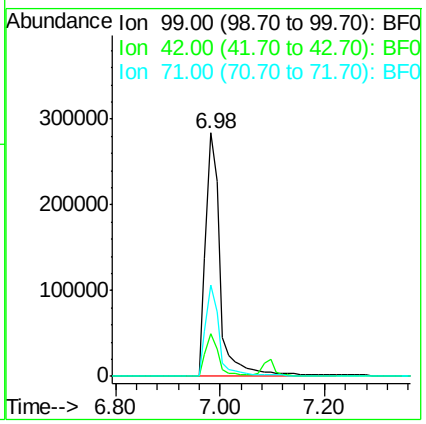


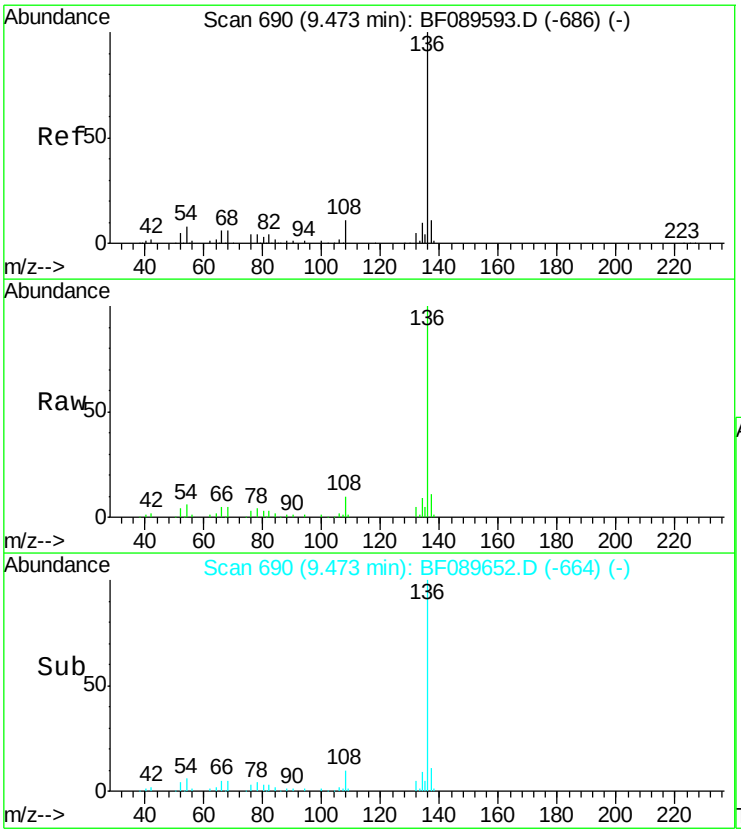
#7
Phenol-d6
Concen: 162.45 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Instrument :
BNA_F
ClientSampleId :
CORE-E

Tgt Ion: 99 Resp: 556877

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.7	20.5
71	37.4	29.0	43.4

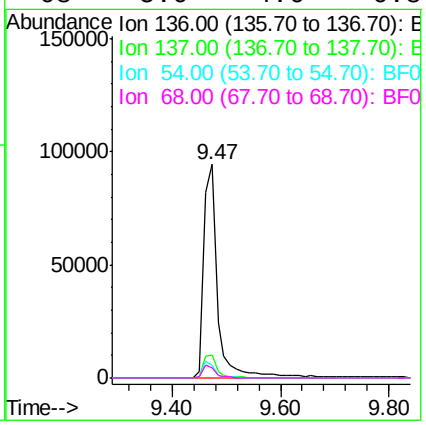


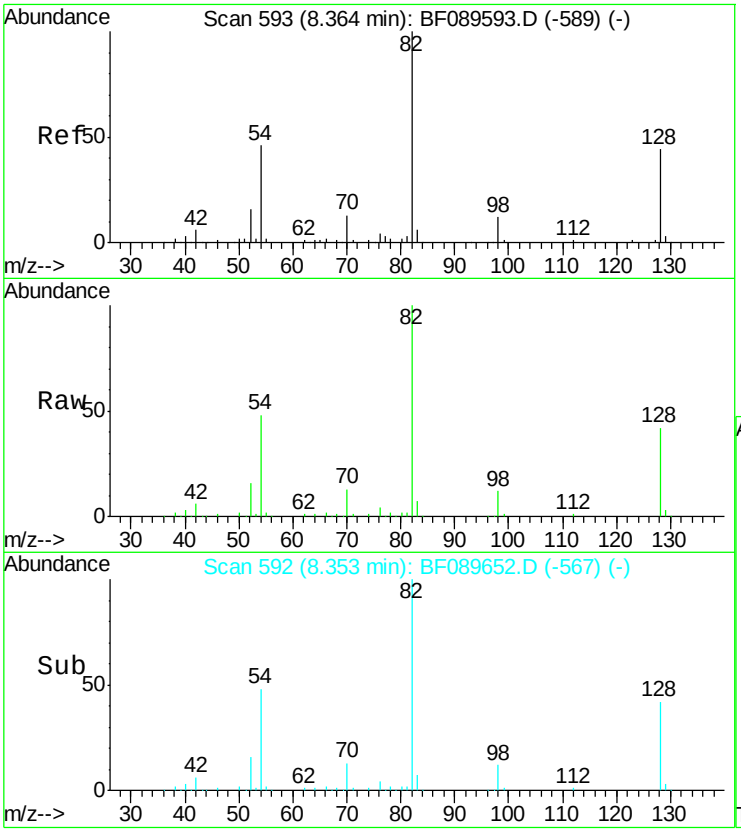


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Tgt Ion:136 Resp: 167348

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.3	6.0	9.0
68	5.0	4.6	6.8



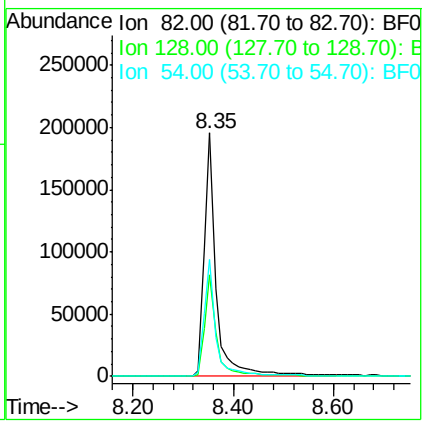


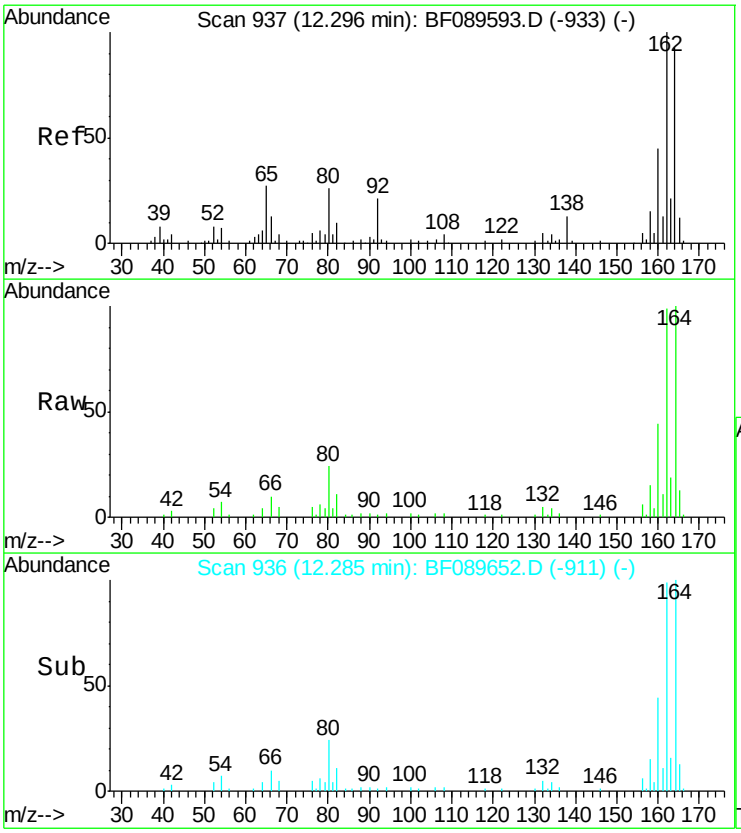
#23
Nitrobenzene-d5
Concen: 108.57 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Instrument :
BNA_F
ClientSampleId :
CORE-E

Tgt Ion: 82 Resp: 328468

Ion	Ratio	Lower	Upper
82	100		
128	41.9	35.4	53.0
54	47.9	36.4	54.6

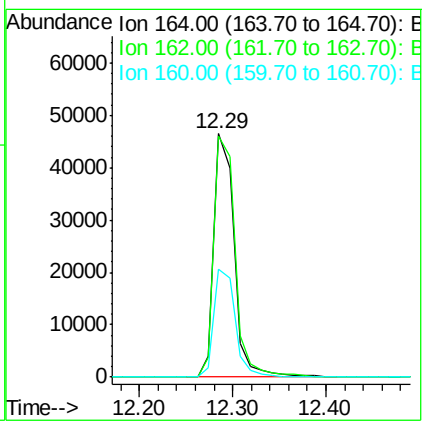


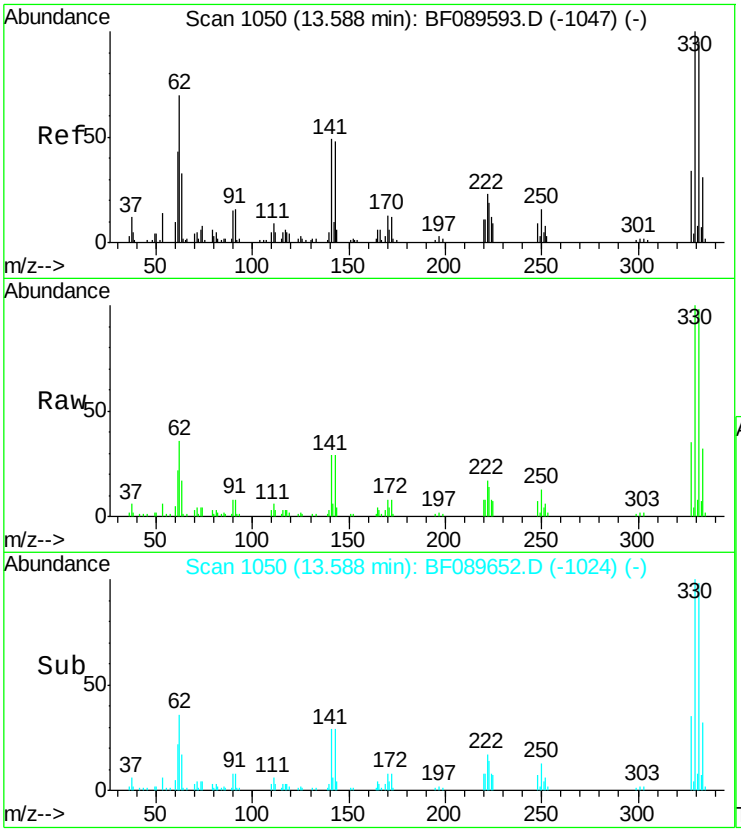


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Tgt Ion:164 Resp: 70344

Ion	Ratio	Lower	Upper
164	100		
162	99.1	85.7	128.5
160	44.2	38.2	57.4



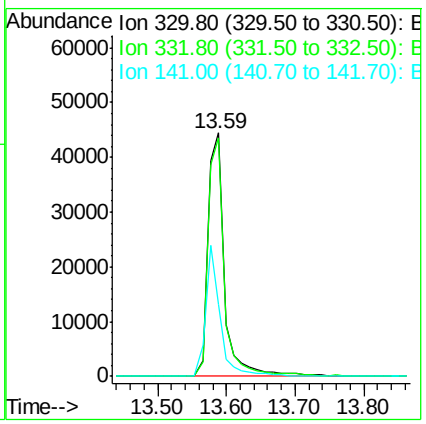


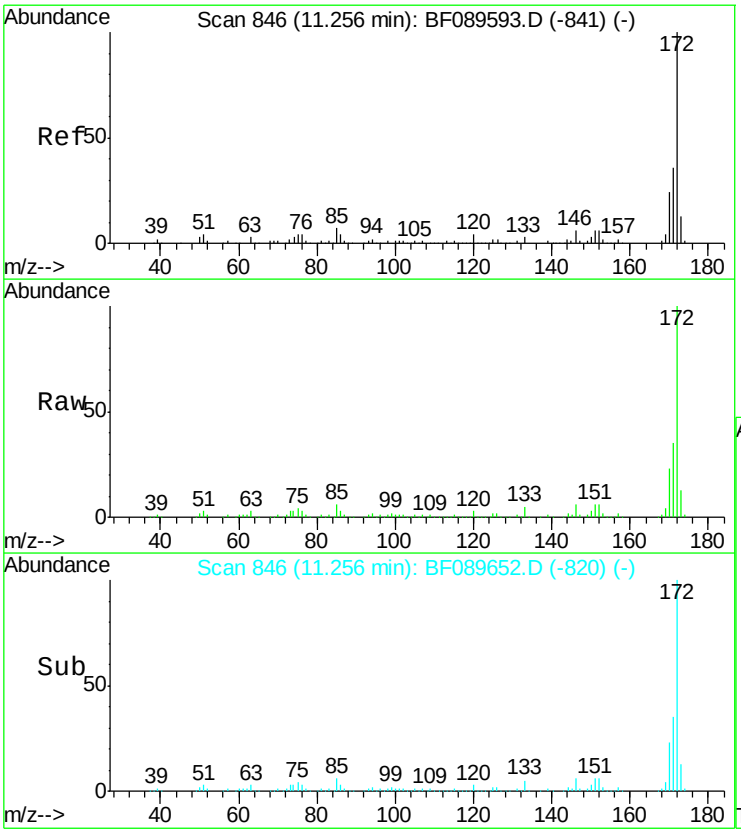
#41
2,4,6-Tribromophenol
Concen: 129.21 ng
RT: 13.59 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Instrument :
BNA_F
ClientSampleId :
CORE-E

Tgt Ion:330 Resp: 75006

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	46.3	38.6	57.8

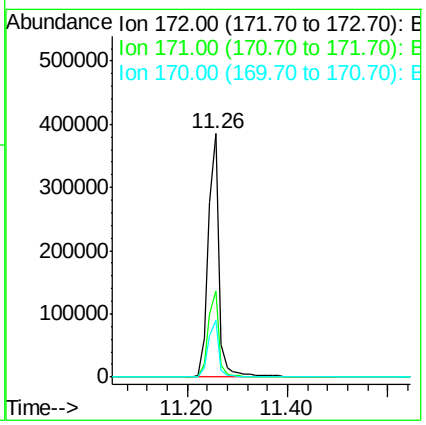


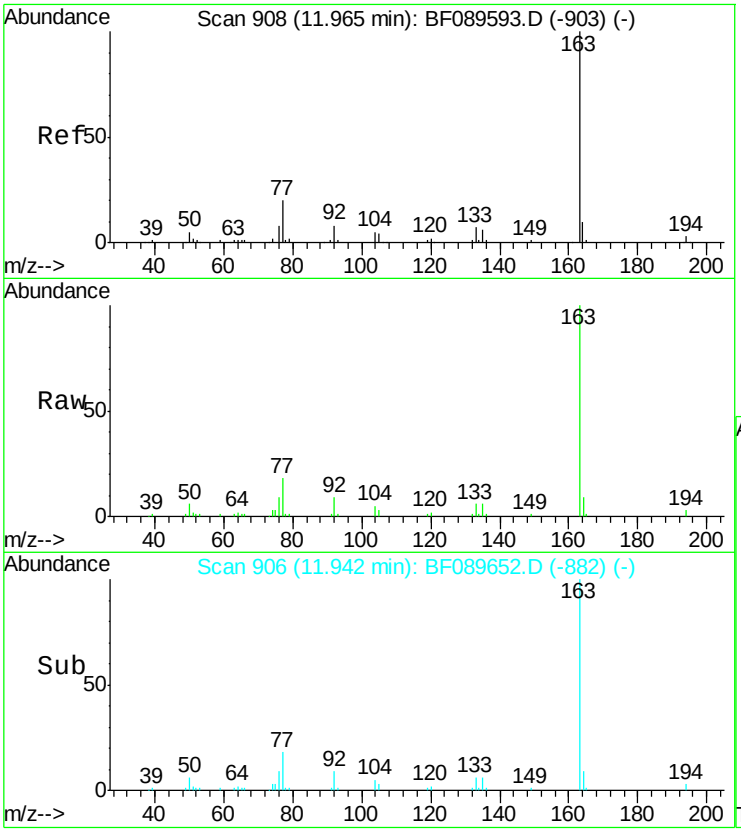


#44
2-Fluorobiphenyl
Concen: 106.25 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Tgt Ion:172 Resp: 575100

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.4	19.0	28.6



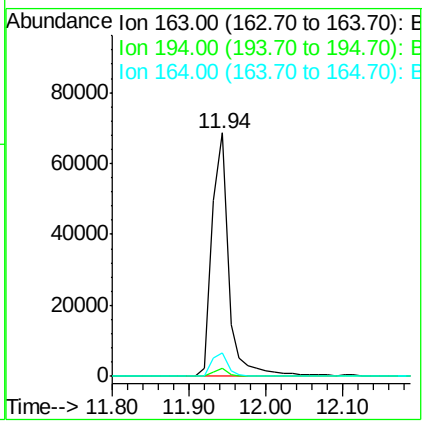


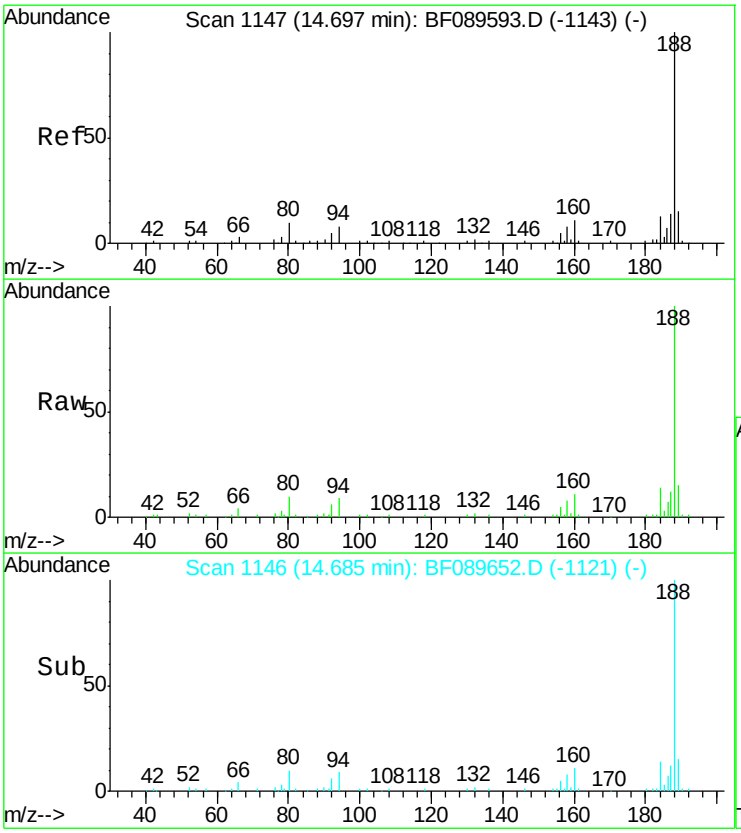
#49
Dimethylphthalate
Concen: 18.83 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Instrument :
BNA_F
ClientSampleId :
CORE-E

Tgt Ion:163 Resp: 103804

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.5	7.8	11.6

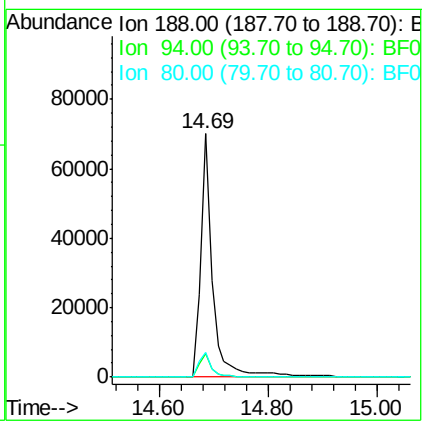


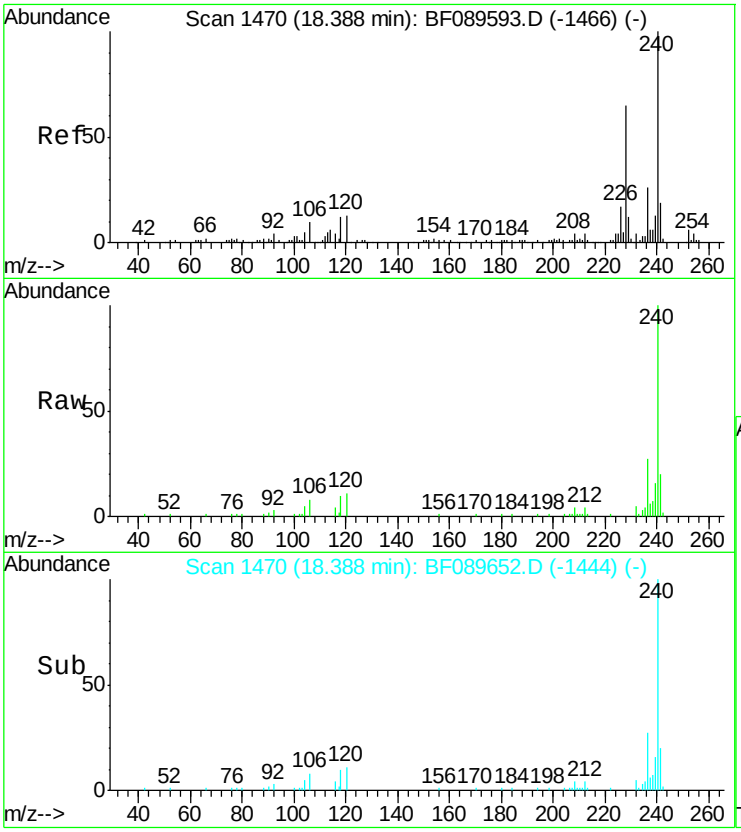


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Tgt Ion:188 Resp: 104720

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.5	9.7
80	10.4	8.0	12.0



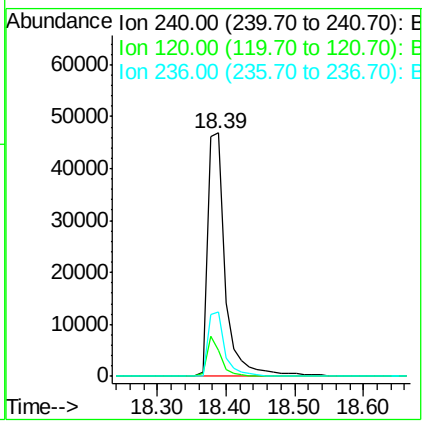


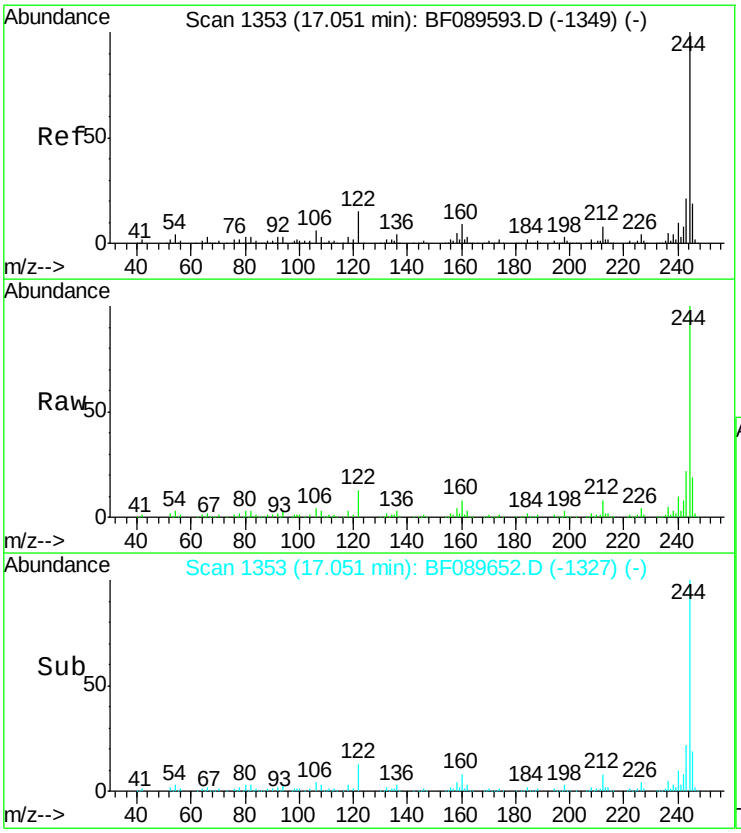
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Instrument :
BNA_F
ClientSampleId :
CORE-E

Tgt Ion:240 Resp: 85194

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.6	15.8
236	26.5	20.6	30.8

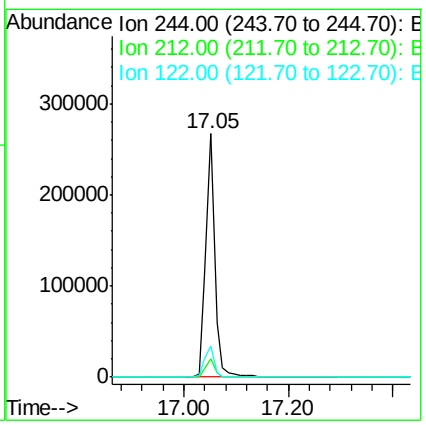


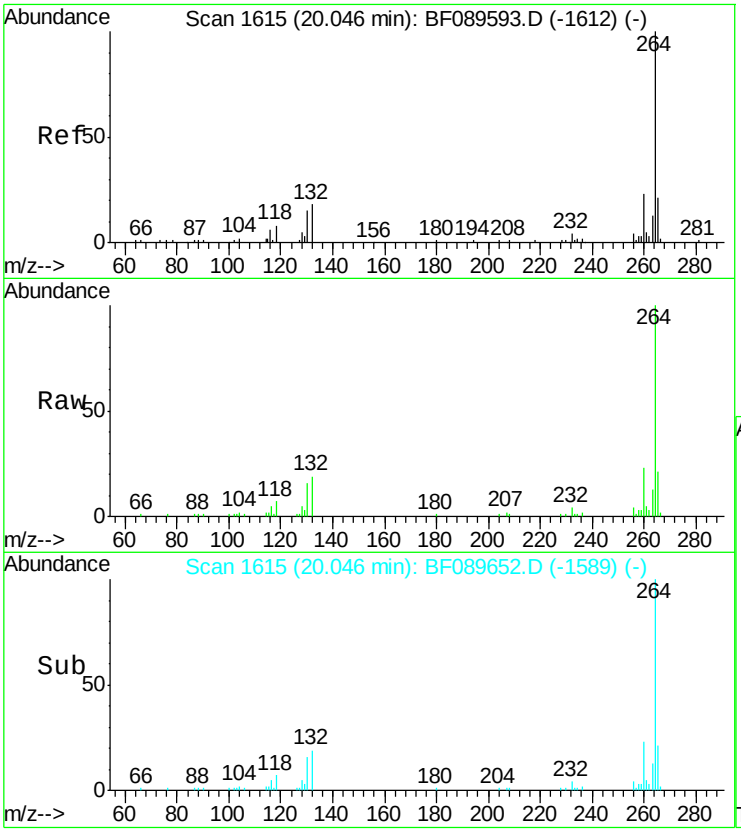


#78
Terphenyl-d14
Concen: 75.09 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Tgt Ion:244 Resp: 324050

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	12.7	12.2	18.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089652.D
Acq: 6 Aug 2016 5:51

Instrument :
BNA_F
ClientSampleId :
CORE-E

Tgt Ion:264 Resp: 71676

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.7	16.5	24.7