Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087568.D
Acq On : 31 May 2016 1:37
Operator : UM/SJ
Sample : H3249-05
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FLATBUSH-FB-1-5-23-16

Quant Time: May 31 02:13:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 00:45:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	103612	20.00	ng	0.01
21) Naphthalene-d8	9.52	136	411997	20.00	ng	0.01
38) Acenaphthene-d10	12.34	164	198470	20.00	ng	0.01
63) Phenanthrene-d10	14.77	188	340465	20.00	ng	0.02
75) Chrysene-d12	18.49	240	243973	20.00	ng	0.05
86) Perylene-d12	20.19	264	185206	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	327935	55.61	ng	0.05
7) Phenol-d6	7.07	99	235692	29.58	ng	0.03
23) Nitrobenzene-d5	8.40	82	788740	96.48	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	219430	115.05	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1300222	92.36	ng	-0.01
78) Terphenyl-d14	17.10	244	1118629	97.48	ng	0.00
Target Compounds						Qvalue

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

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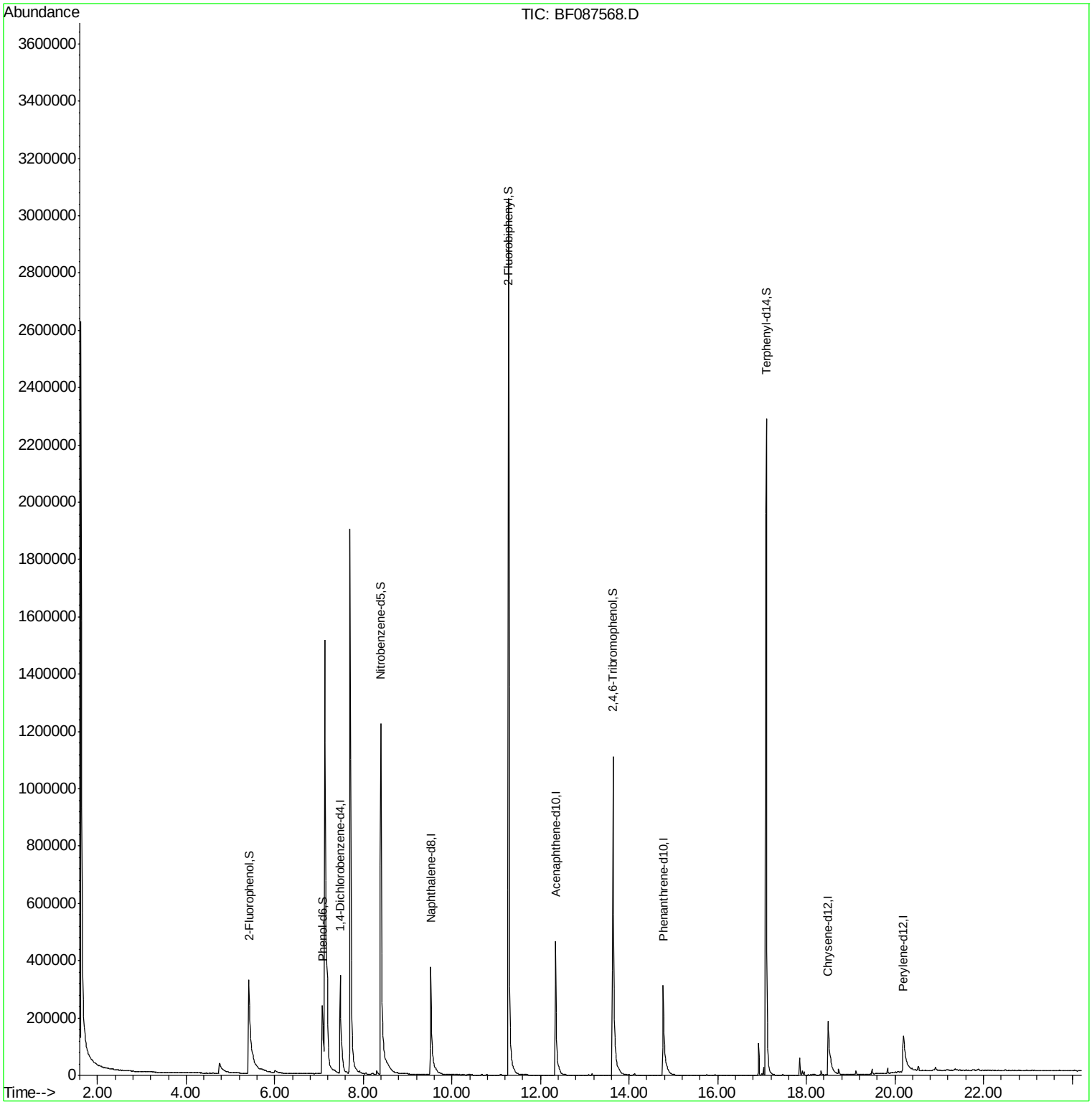
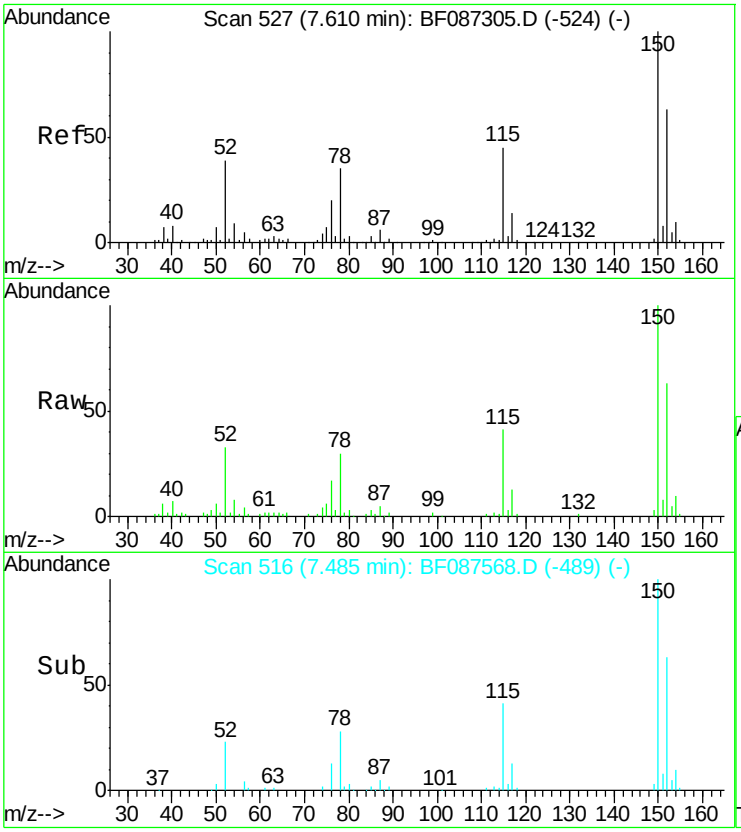


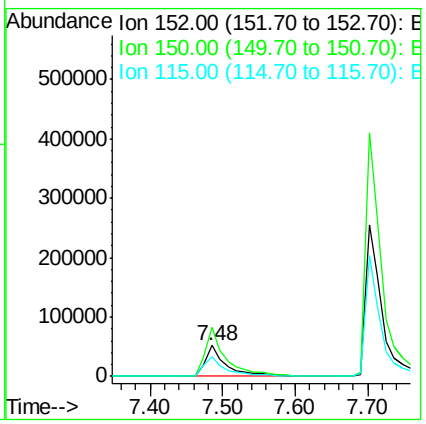


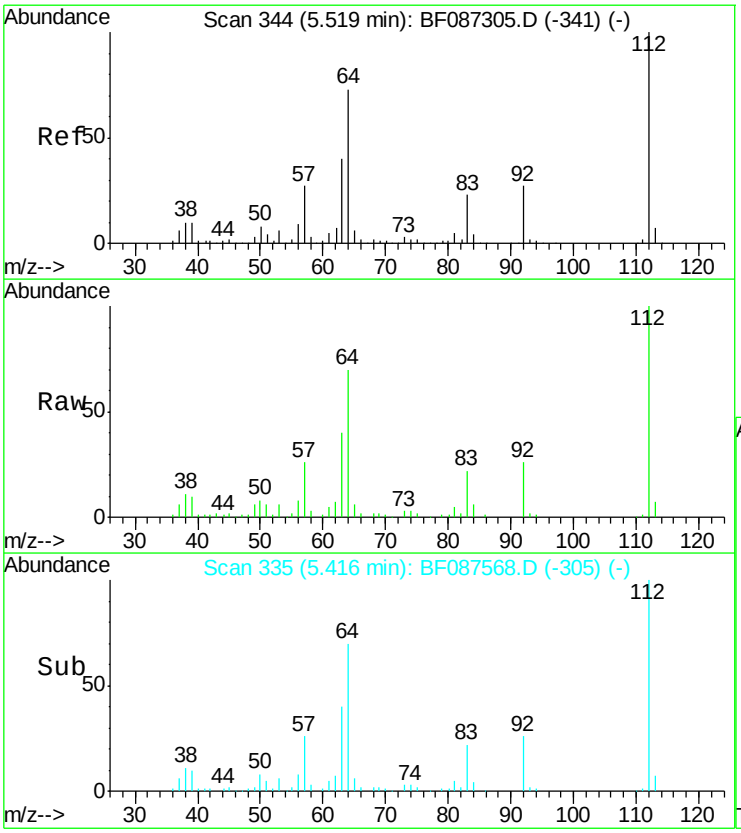
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF087568.D
Acq: 31 May 2016 1:37

Instrument :
BNA_F
ClientSampleId :
FLATBUSH-FB-1-5-23-16

Tgt Ion:152 Resp: 103612

Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.8	188.6
115	65.2	51.5	77.3

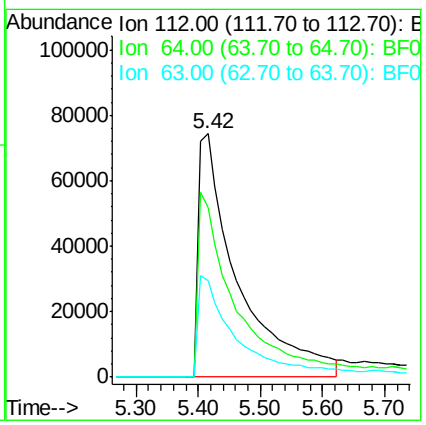


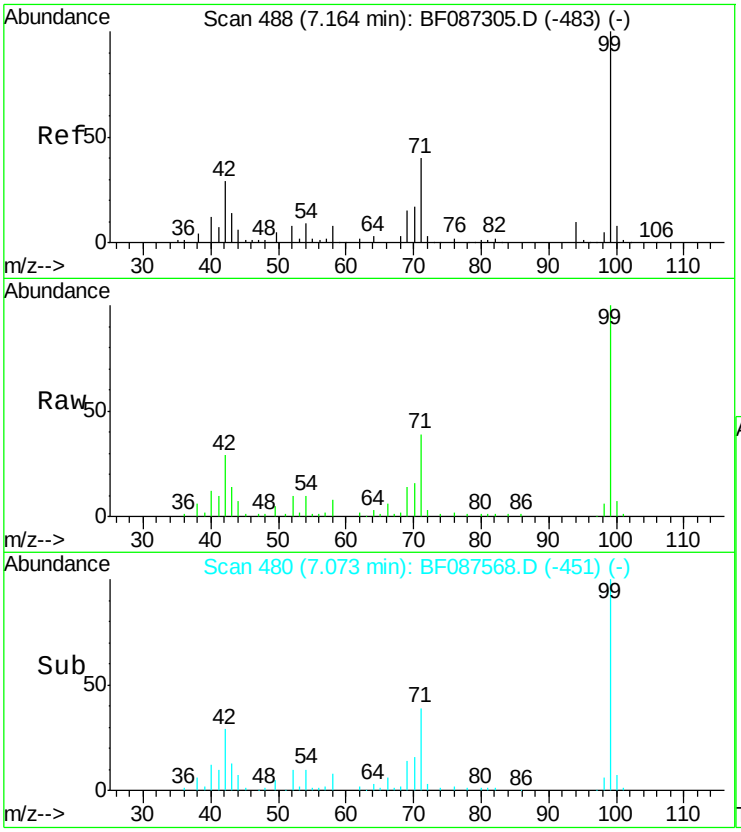


#5
2-Fluorophenol
Concen: 55.61 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.05 min
Lab File: BF087568.D
Acq: 31 May 2016 1:37

Tgt Ion:112 Resp: 327935

Ion	Ratio	Lower	Upper
112	100		
64	69.8	52.1	78.1
63	39.7	25.7	38.5#



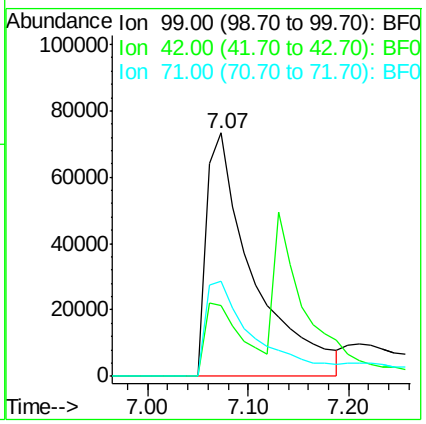


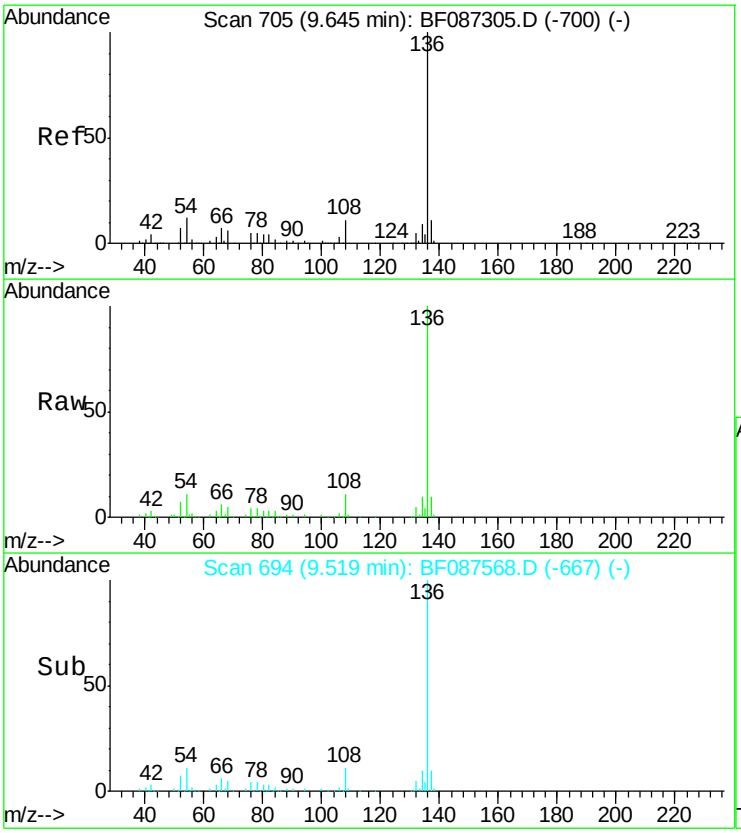
#7
Phenol-d6
Concen: 29.58 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.03 min
Lab File: BF087568.D
Acq: 31 May 2016 1:37

Instrument :
BNA_F
ClientSampleId :
FLATBUSH-FB-1-5-23-16

Tgt Ion: 99 Resp: 235692

Ion	Ratio	Lower	Upper
99	100		
42	29.0	13.6	20.4#
71	39.0	24.6	36.8#

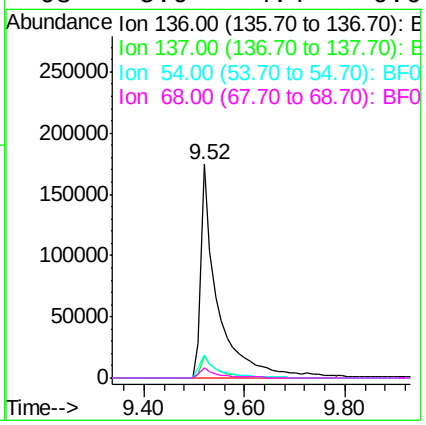


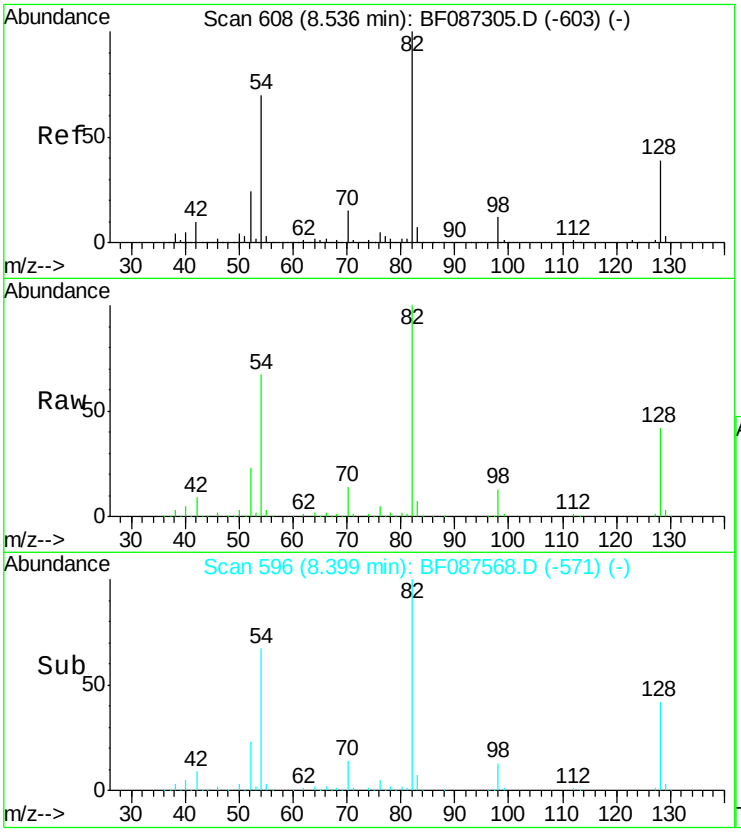


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF087568.D
Acq: 31 May 2016 1:37

Tgt Ion:136 Resp: 411997

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.9	5.0	7.4#
68	5.0	4.4	6.6



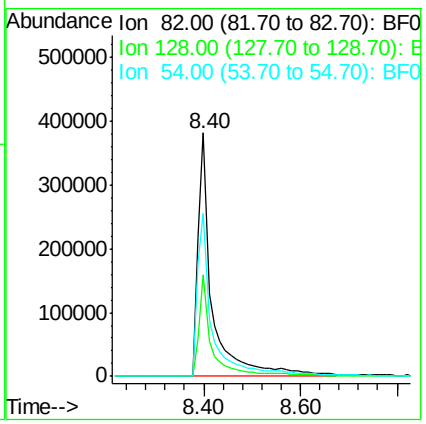


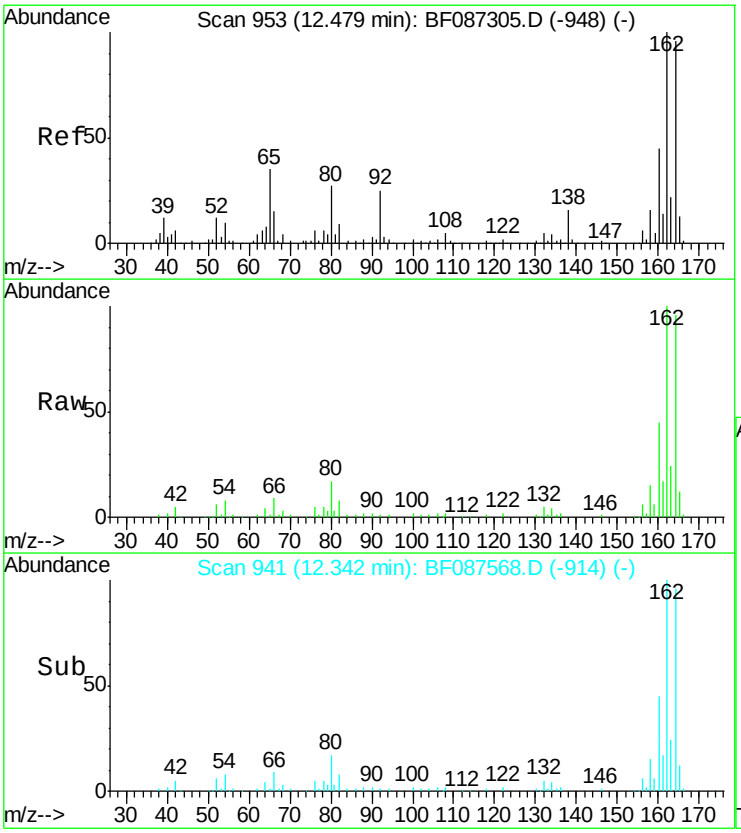
#23
Nitrobenzene-d5
Concen: 96.48 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF087568.D
Acq: 31 May 2016 1:37

Instrument :
BNA_F
ClientSampleId :
FLATBUSH-FB-1-5-23-16

Tgt Ion: 82 Resp: 788740

Ion	Ratio	Lower	Upper
82	100		
128	41.9	40.6	61.0
54	66.7	38.1	57.1#

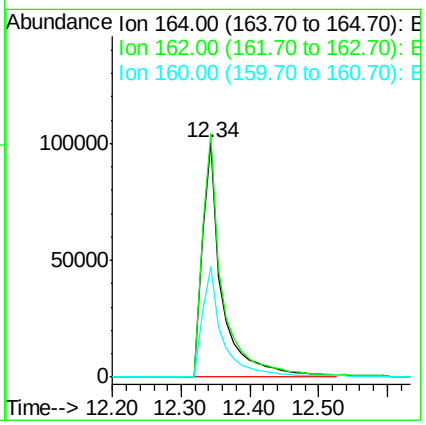


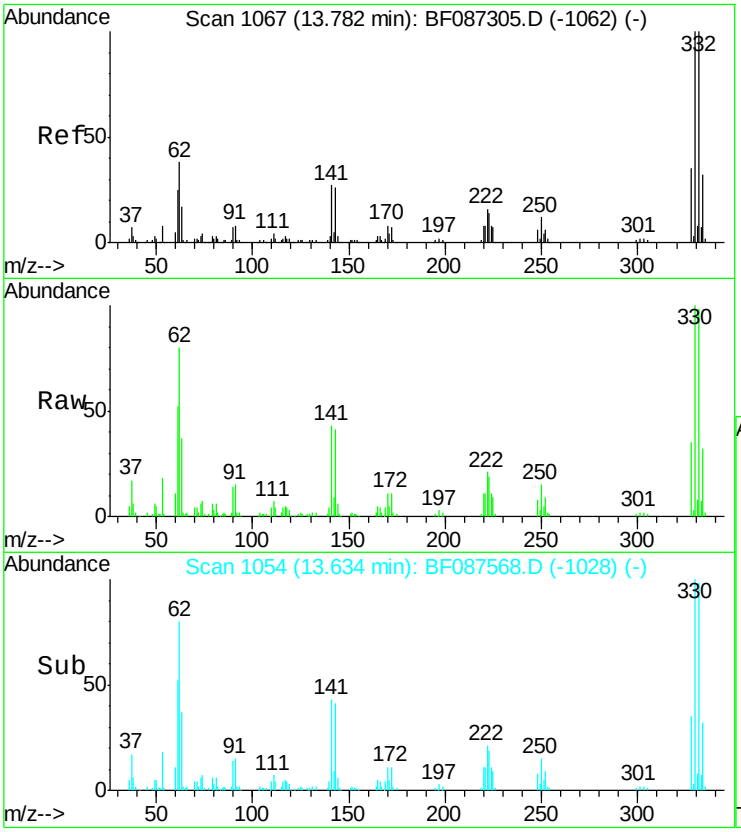


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF087568.D
Acq: 31 May 2016 1:37

Tgt Ion:164 Resp: 198470

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.8	124.2
160	47.2	36.9	55.3



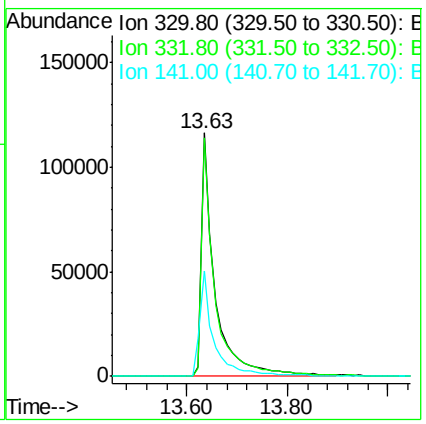


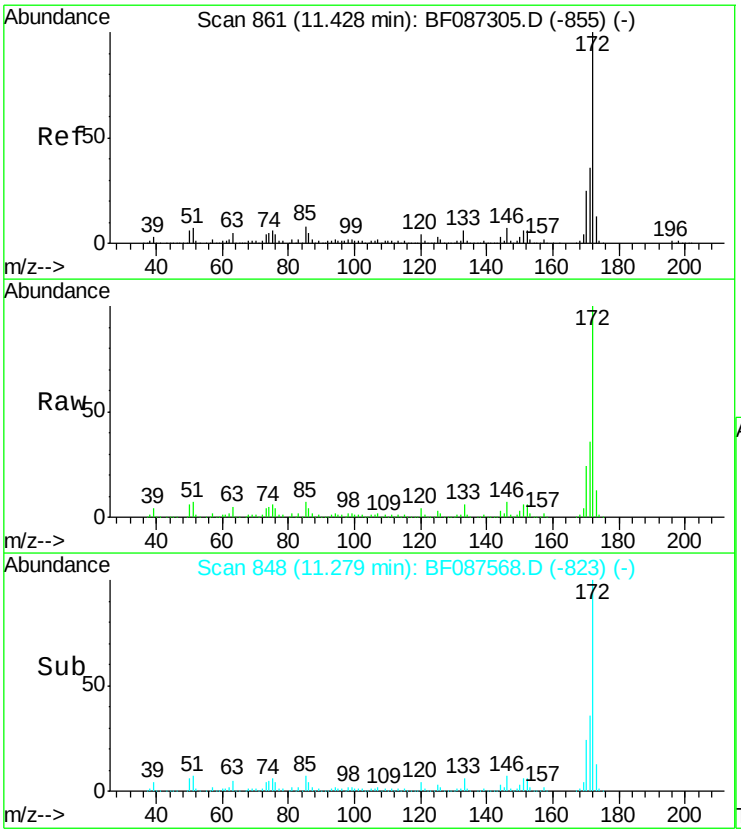
#41
2,4,6-Tribromophenol
Concen: 115.05 ng
RT: 13.63 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF087568.D
Acq: 31 May 2016 1:37

Instrument :
BNA_F
ClientSampleId :
FLATBUSH-FB-1-5-23-16

Tgt Ion:330 Resp: 219430

Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.0	118.4
141	45.8	31.2	46.8

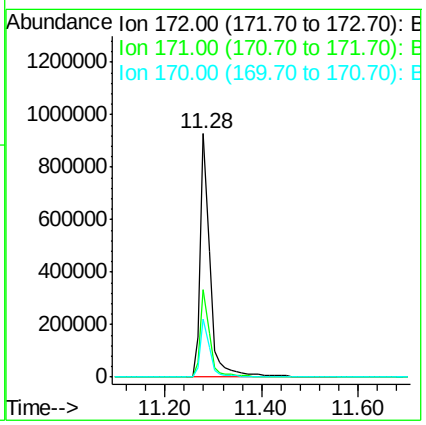


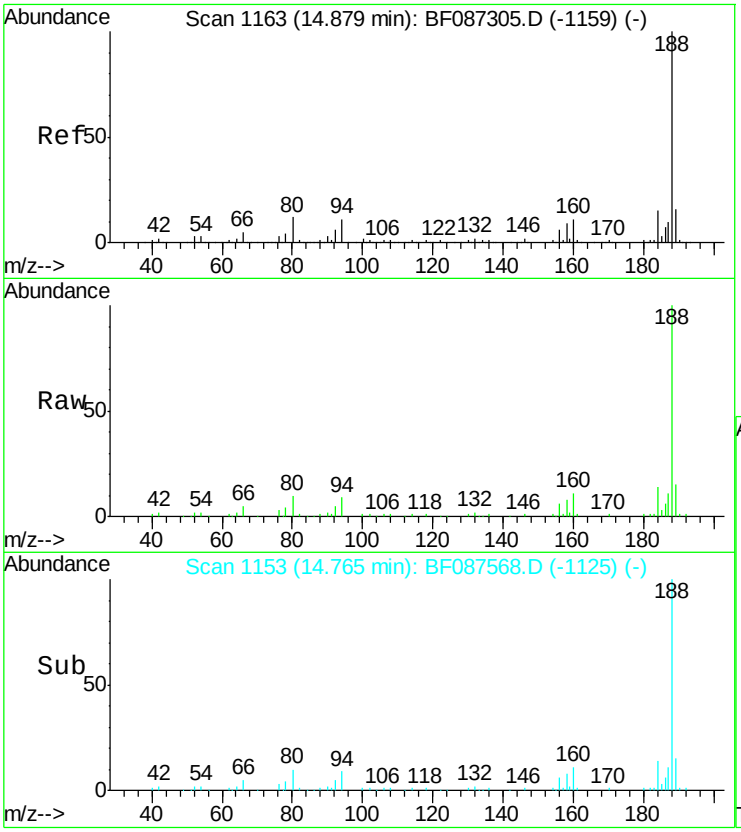


#44
2-Fluorobiphenyl
Concen: 92.36 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF087568.D
Acq: 31 May 2016 1:37

Tgt Ion:172 Resp: 1300222

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.0	19.8	29.8



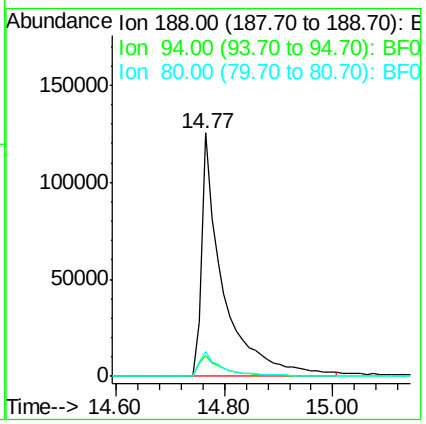


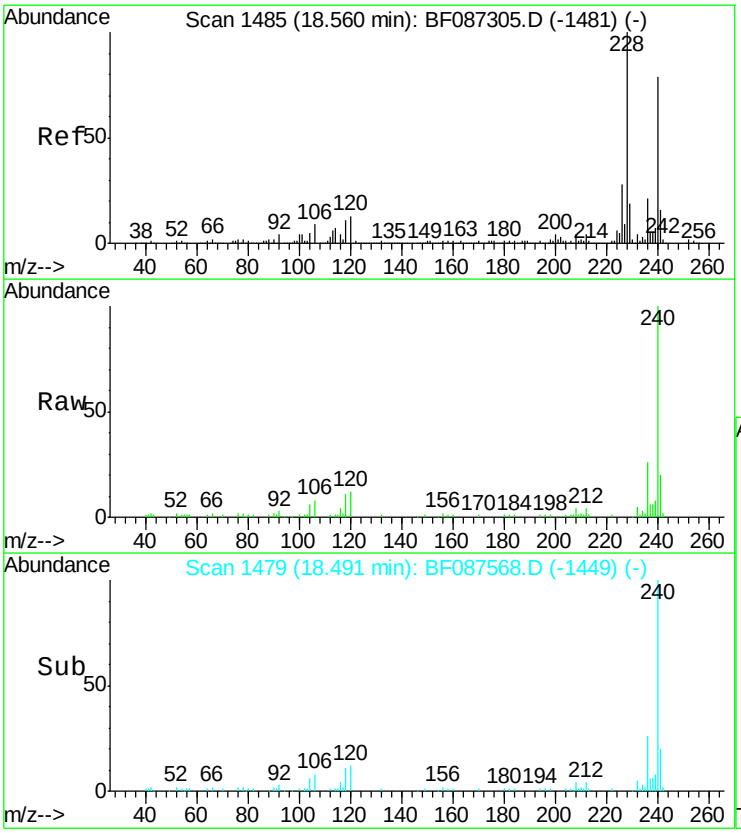
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF087568.D
Acq: 31 May 2016 1:37

Instrument :
BNA_F
ClientSampleId :
FLATBUSH-FB-1-5-23-16

Tgt Ion:188 Resp: 340465

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	10.1	7.1	10.7

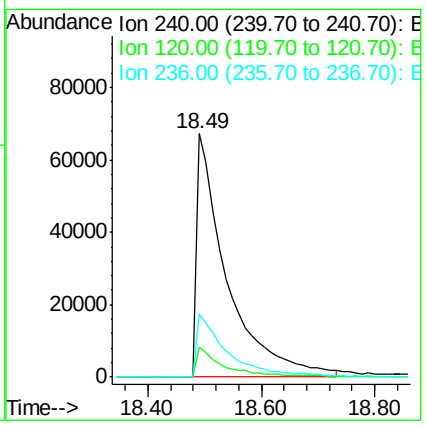


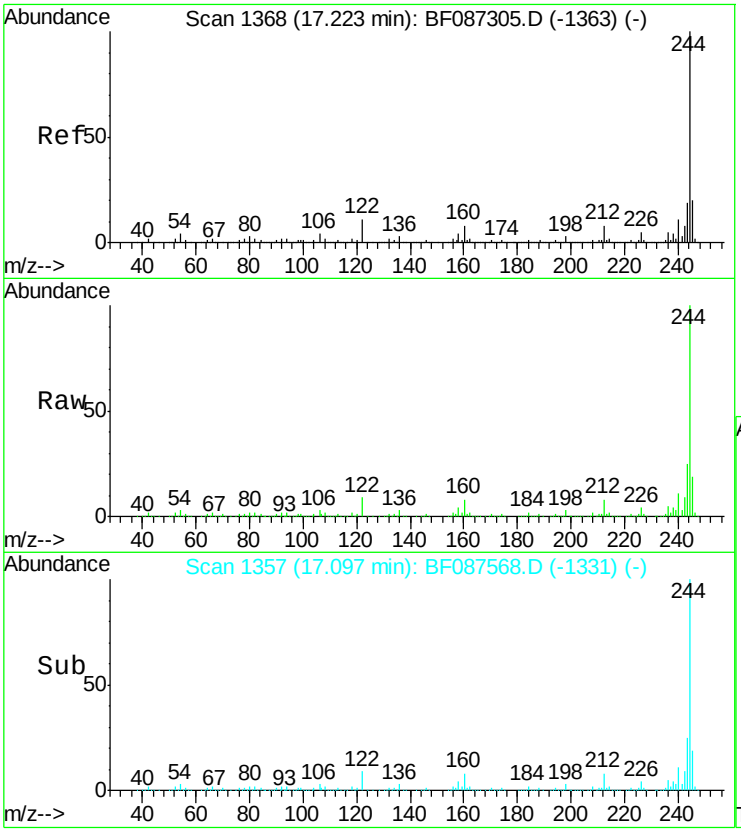


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.05 min
Lab File: BF087568.D
Acq: 31 May 2016 1:37

Tgt Ion:240 Resp: 243973

Ion	Ratio	Lower	Upper
240	100		
120	12.3	11.2	16.8
236	26.0	21.2	31.8



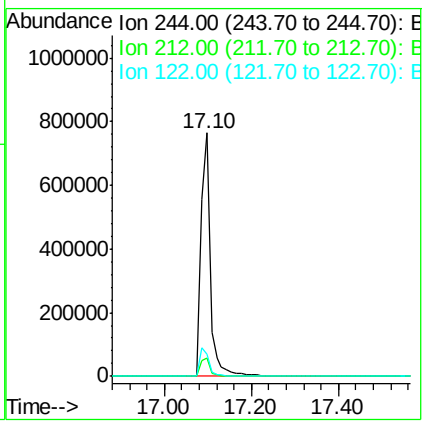


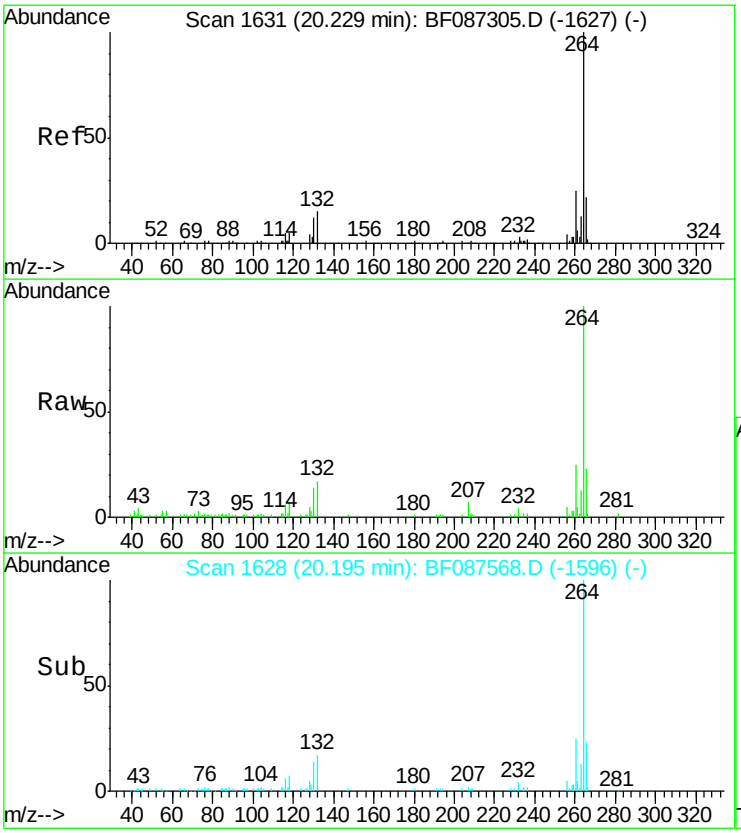
#78
Terphenyl-d14
Concen: 97.48 ng
RT: 17.10 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF087568.D
Acq: 31 May 2016 1:37

Instrument :
BNA_F
ClientSampleId :
FLATBUSH-FB-1-5-23-16

Tgt Ion:244 Resp: 1118629

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	9.1	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.19 min Scan# 1628
Delta R.T. 0.07 min
Lab File: BF087568.D
Acq: 31 May 2016 1:37

Tgt Ion:264 Resp: 185206

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.8	17.3	25.9