Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
Data File : BF089857.D
Acq On : 24 Aug 2016 3:22
Operator : UM/SJ
Sample : BL-CHIPS-2
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BL-CHIPS-2

Quant Time: Aug 25 14:22:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	450687	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1925144	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	838259	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1510004	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	1272575	20.00	ng	-0.03
86) Perylene-d12	15.30	264	982300	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3218571	122.47	ng	-0.01
7) Phenol-d6	6.31	99	3685318	114.23	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2313220	74.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	851873	106.93	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4449405	93.29	ng	-0.01
78) Terphenyl-d14	12.78	244	3571356	63.49	ng	-0.01

Target Compounds	Qvalue

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

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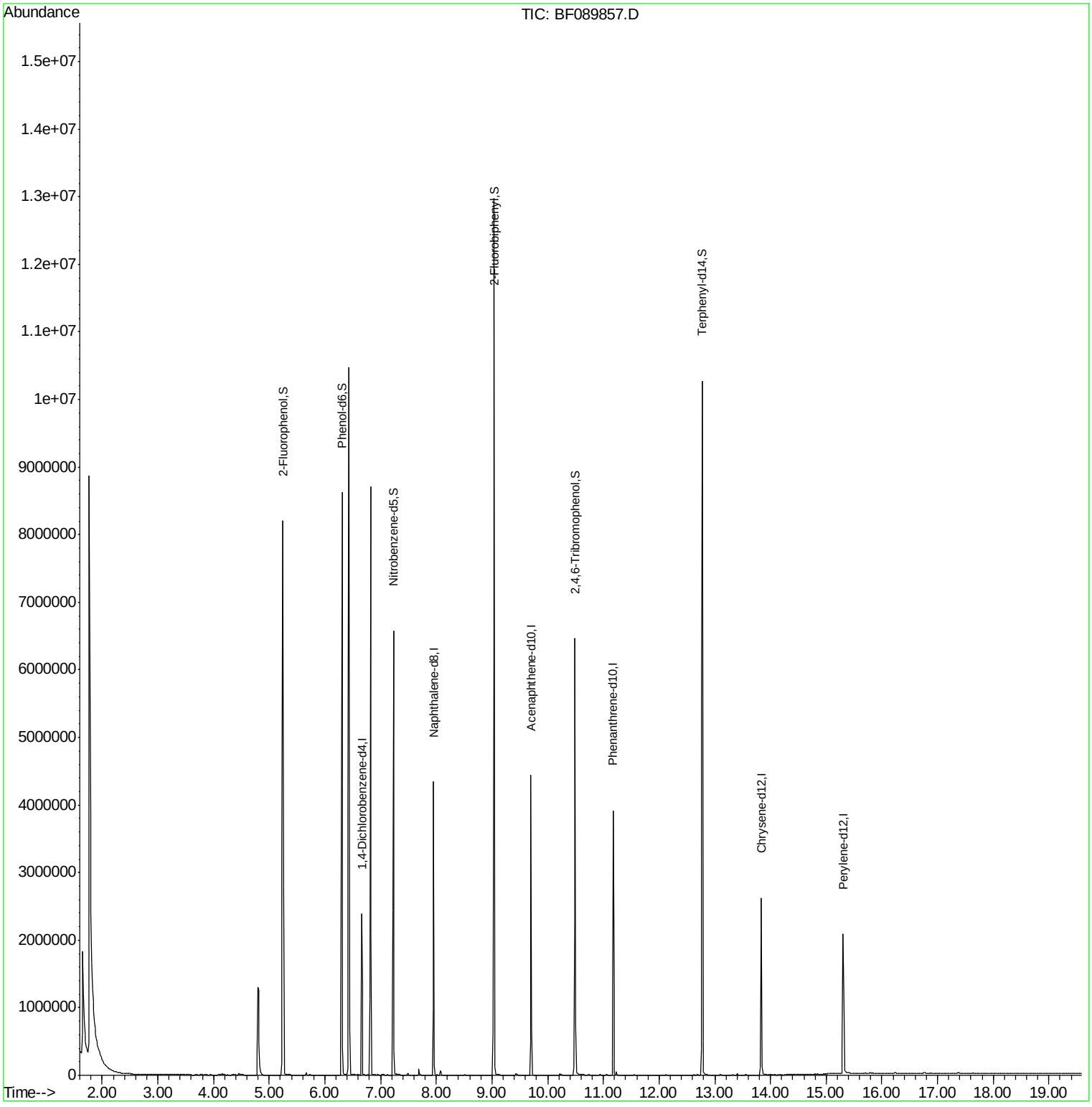
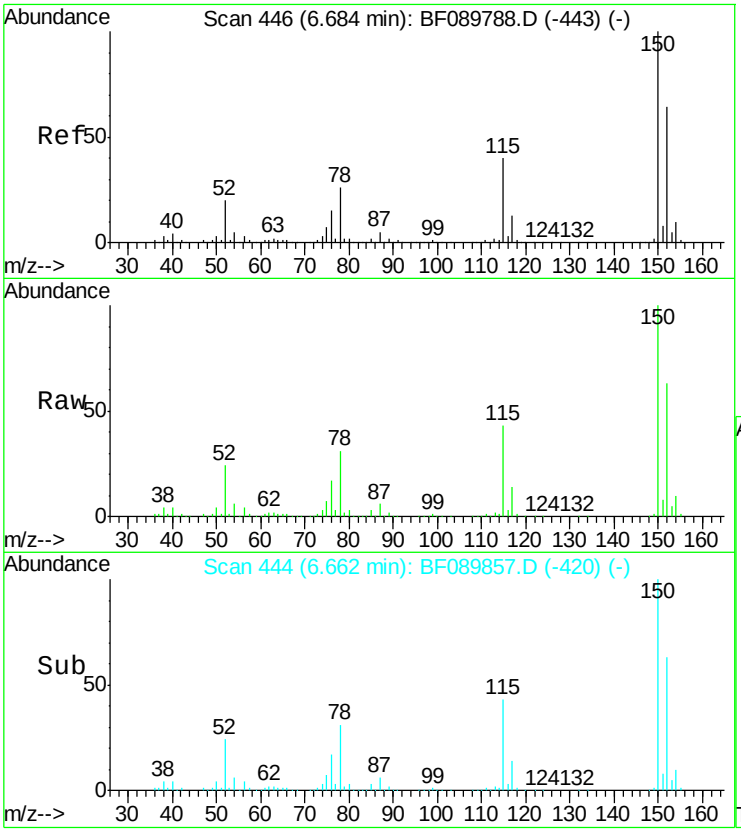


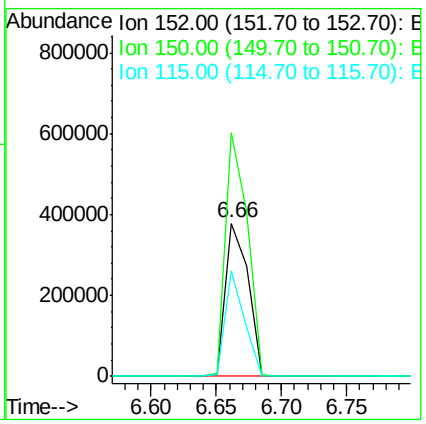


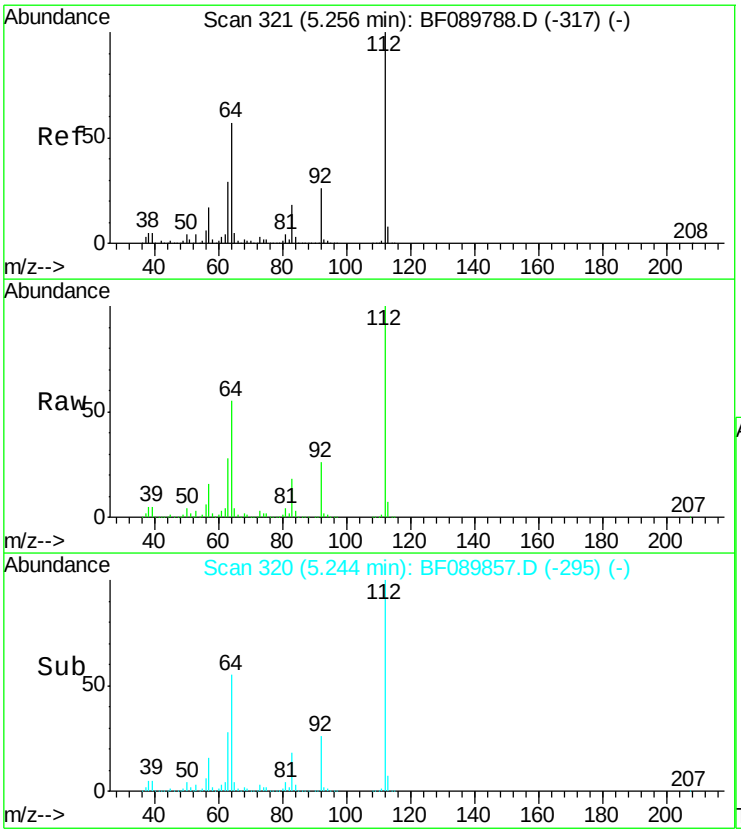
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF089857.D
Acq: 24 Aug 2016 3:22

Instrument :
BNA_F
ClientSampleId :
BL-CHIPS-2

Tgt Ion:152 Resp: 450687

Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.3	187.9
115	68.5	40.9	61.3#

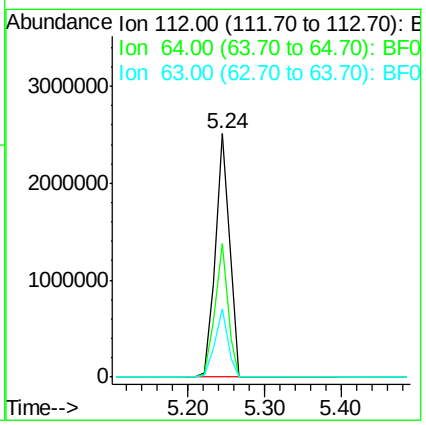


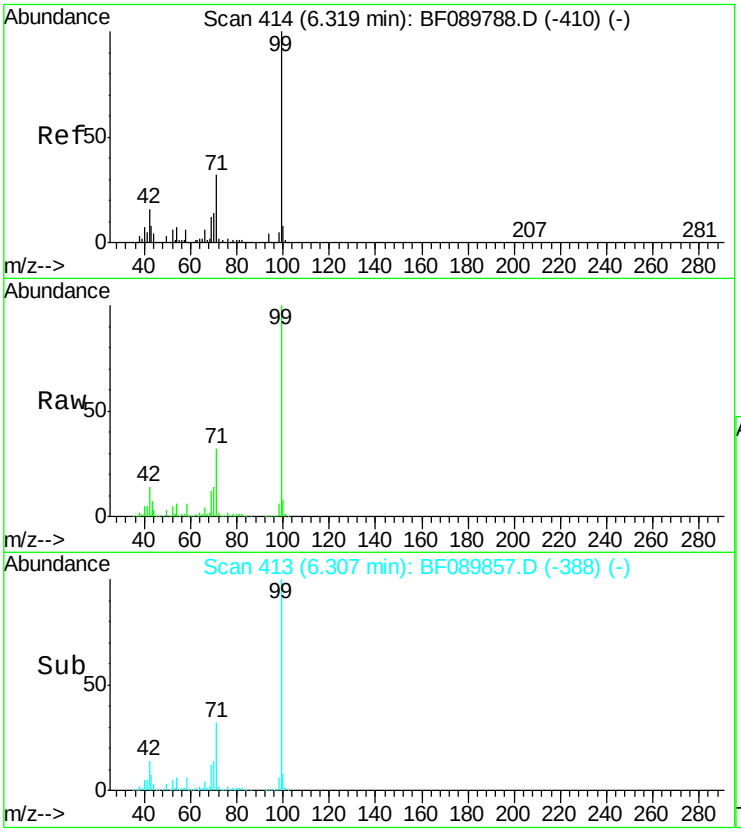


#5
2-Fluorophenol
Concen: 122.47 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF089857.D
Acq: 24 Aug 2016 3:22

Tgt Ion:112 Resp: 3218571

Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.0	67.4
63	28.2	23.1	34.7



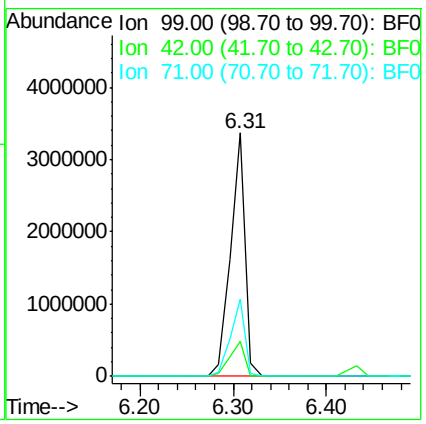


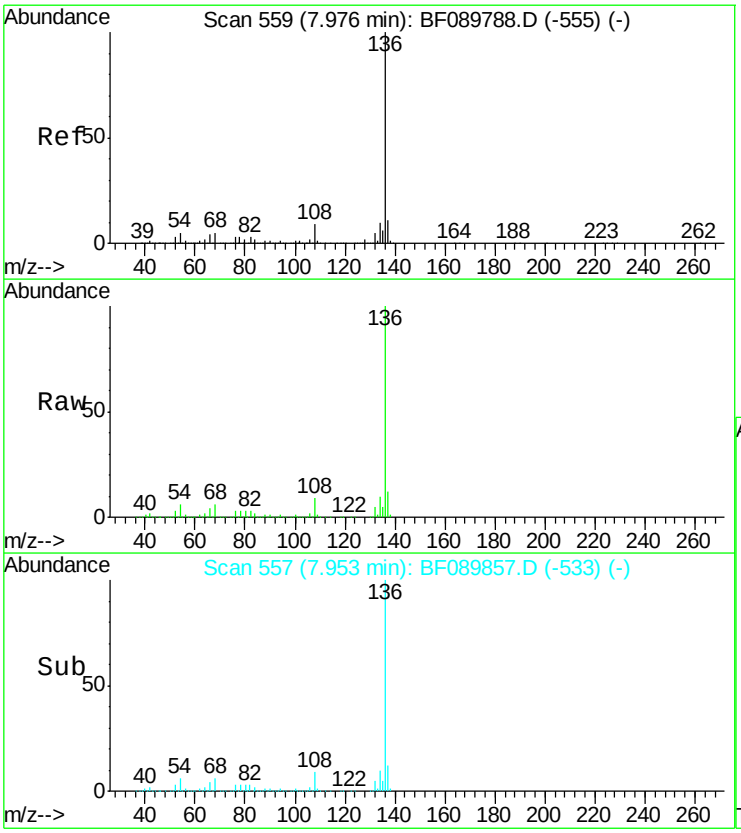
#7
Phenol-d6
Concen: 114.23 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF089857.D
Acq: 24 Aug 2016 3:22

Instrument :
BNA_F
ClientSampleId :
BL-CHIPS-2

Tgt Ion: 99 Resp: 3685318

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.2	18.4
71	31.6	23.8	35.8

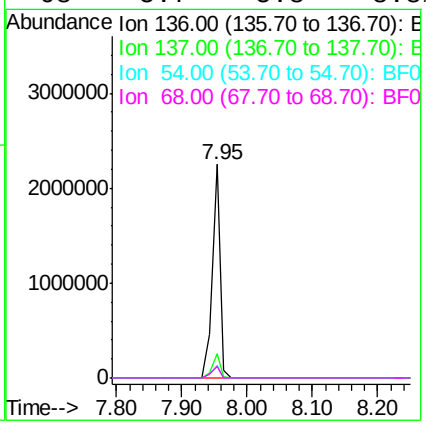


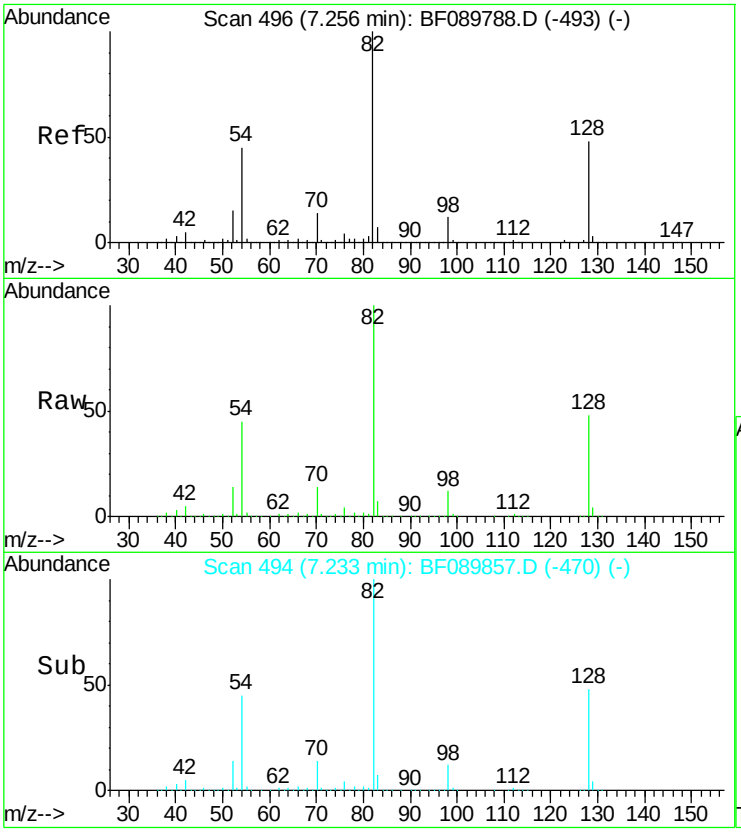


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089857.D
Acq: 24 Aug 2016 3:22

Tgt Ion:136 Resp: 1925144

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.0	7.2	10.8#
68	5.7	5.8	8.8#



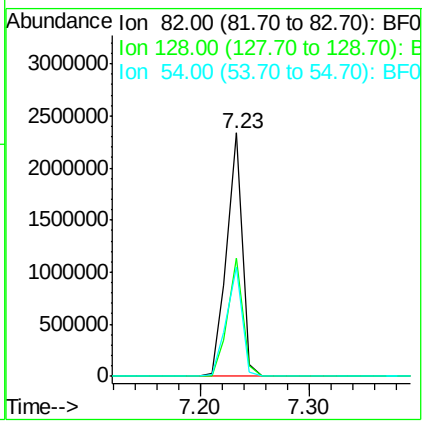


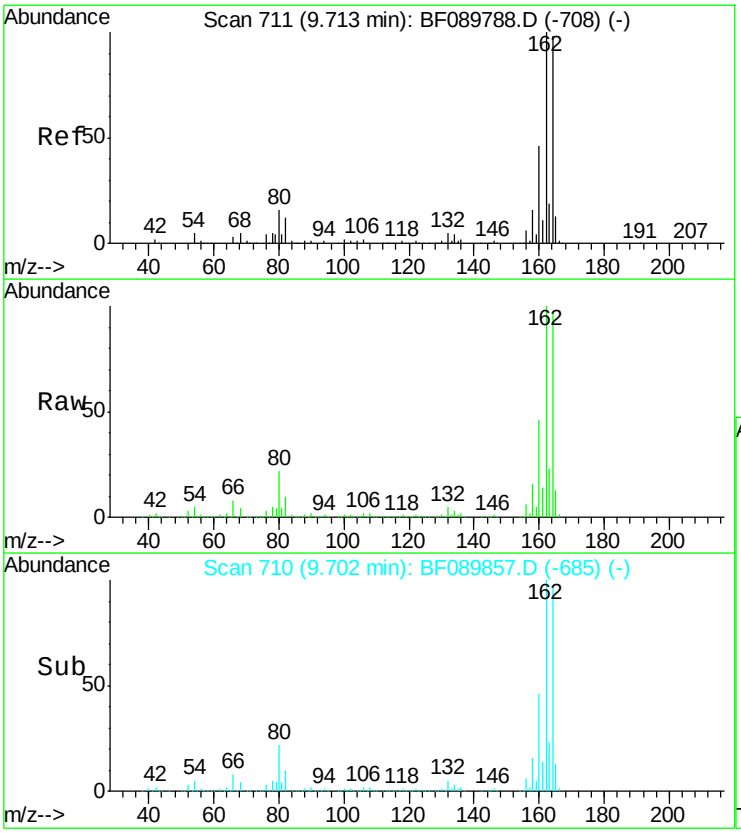
#23
Nitrobenzene-d5
Concen: 74.65 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF089857.D
Acq: 24 Aug 2016 3:22

Instrument :
BNA_F
ClientSampleId :
BL-CHIPS-2

Tgt Ion: 82 Resp: 2313220

Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.4	51.6
54	44.7	40.3	60.5

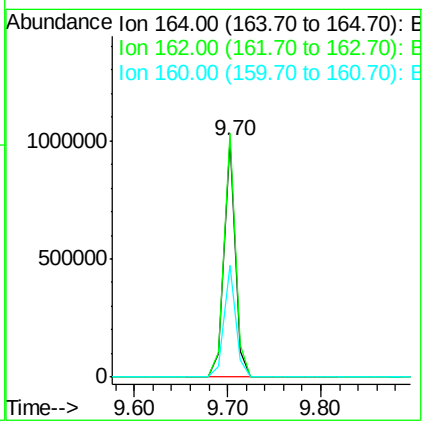


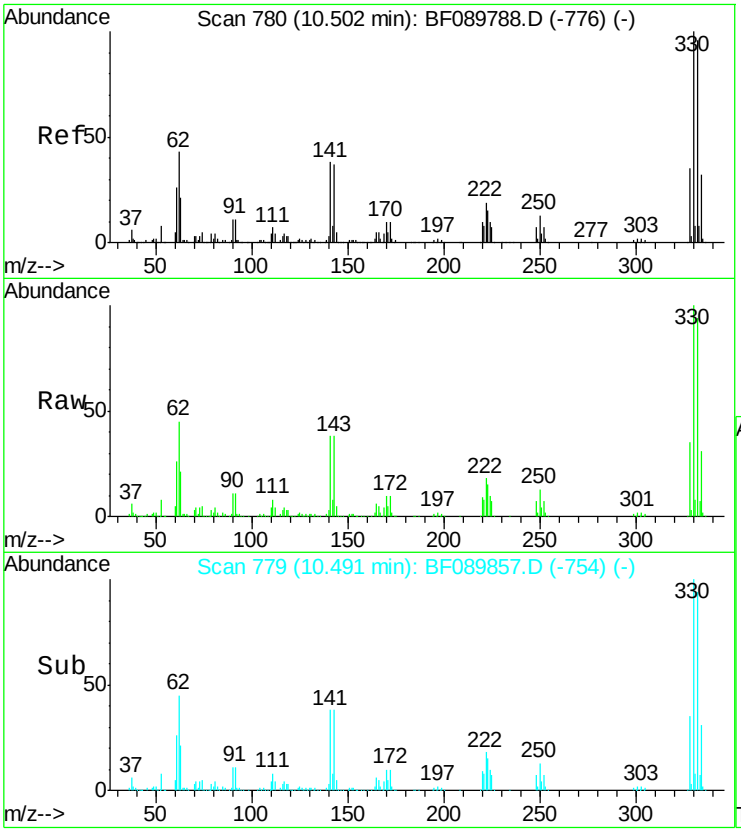


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF089857.D
Acq: 24 Aug 2016 3:22

Tgt Ion:164 Resp: 838259

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.2
160	47.3	37.8	56.6



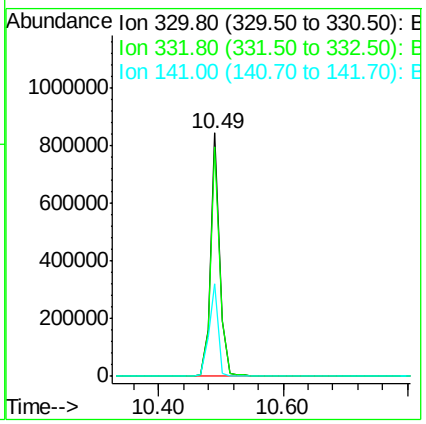


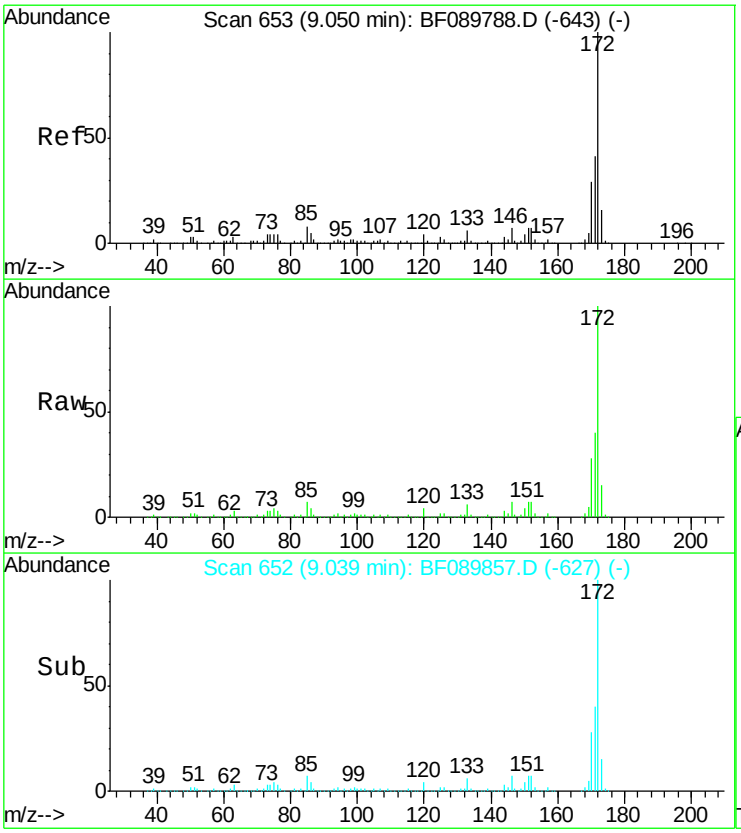
#41
2,4,6-Tribromophenol
Concen: 106.93 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF089857.D
Acq: 24 Aug 2016 3:22

Instrument :
BNA_F
ClientSampleId :
BL-CHIPS-2

Tgt Ion:330 Resp: 851873

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.7	115.1
141	39.1	30.2	45.2

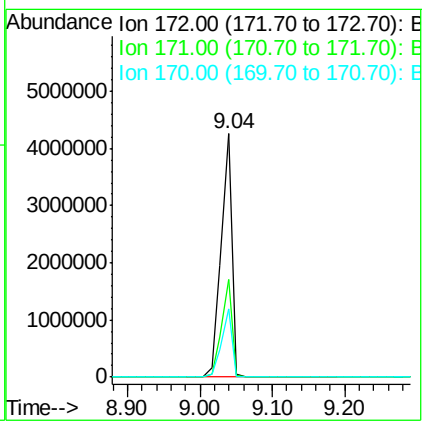


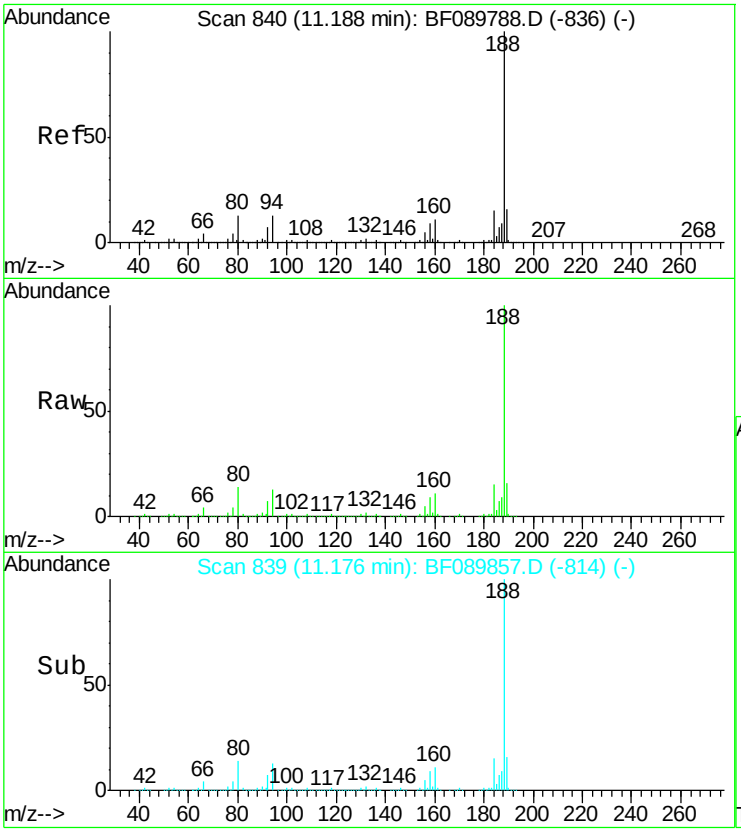


#44
2-Fluorobiphenyl
Concen: 93.29 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF089857.D
Acq: 24 Aug 2016 3:22

Tgt Ion:172 Resp: 4449405

Ion	Ratio	Lower	Upper
172	100		
171	40.3	30.5	45.7
170	28.1	20.6	31.0



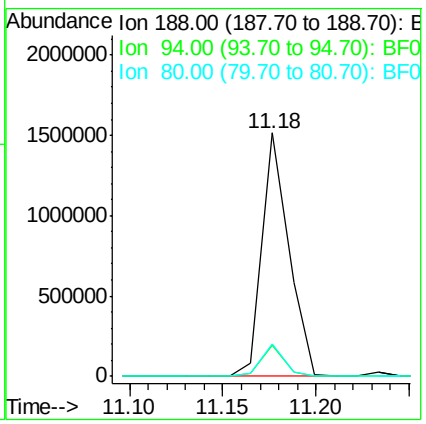


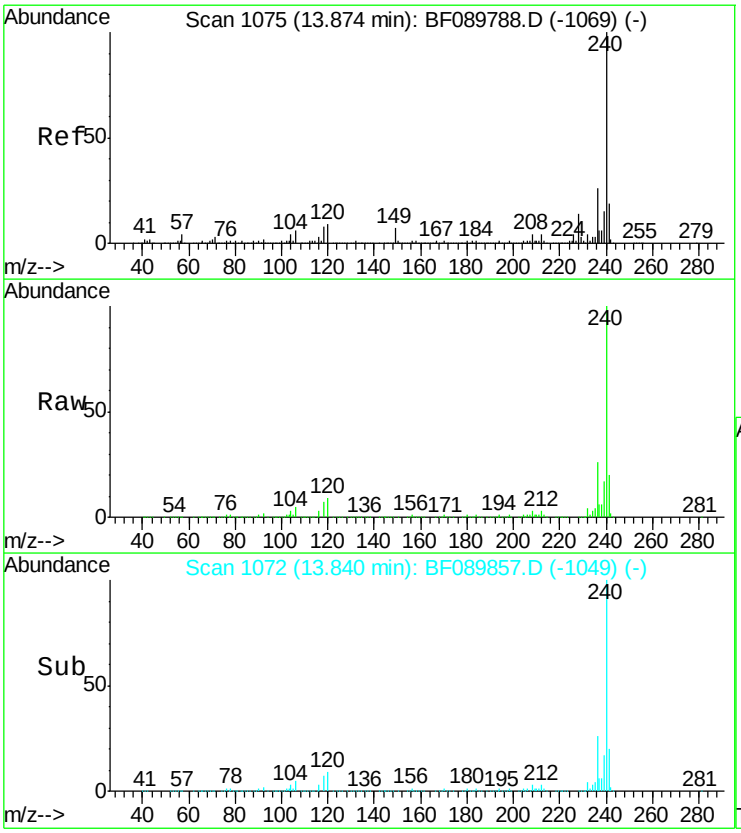
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089857.D
Acq: 24 Aug 2016 3:22

Instrument :
BNA_F
ClientSampleId :
BL-CHIPS-2

Tgt Ion:188 Resp: 1510004

Ion	Ratio	Lower	Upper
188	100		
94	13.0	10.2	15.2
80	13.5	10.9	16.3

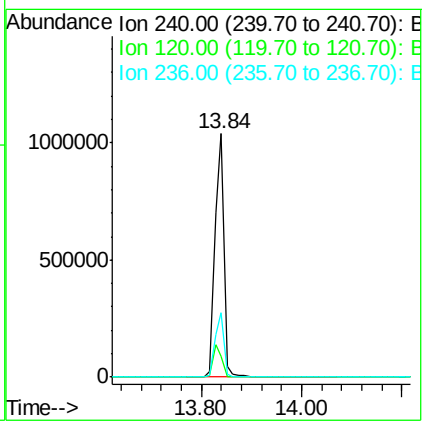


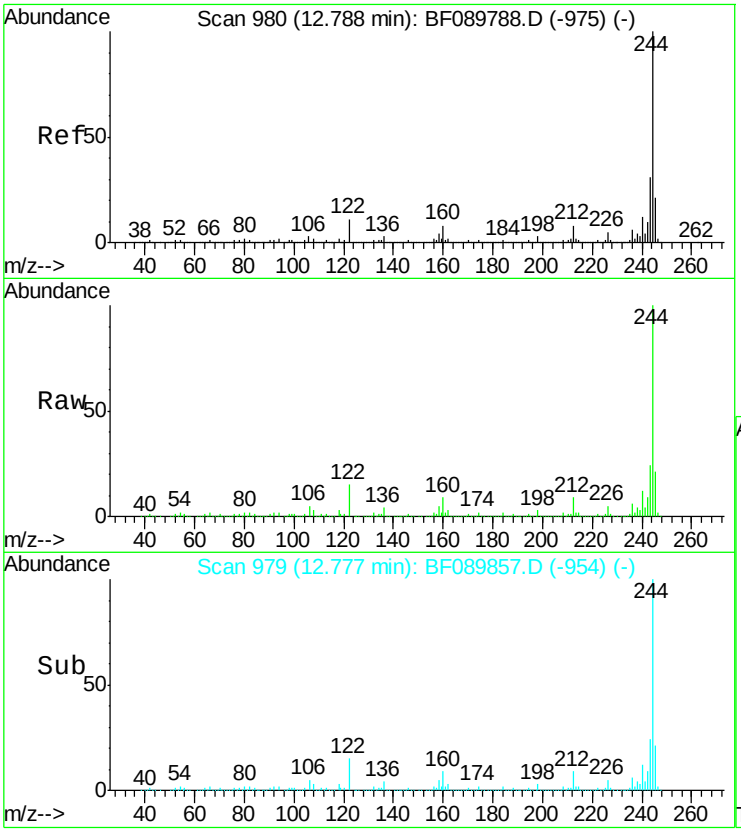


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF089857.D
Acq: 24 Aug 2016 3:22

Tgt Ion:240 Resp: 1272575

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.3	12.5
236	26.4	21.3	31.9



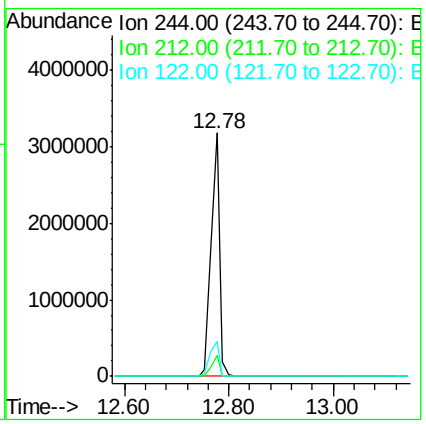


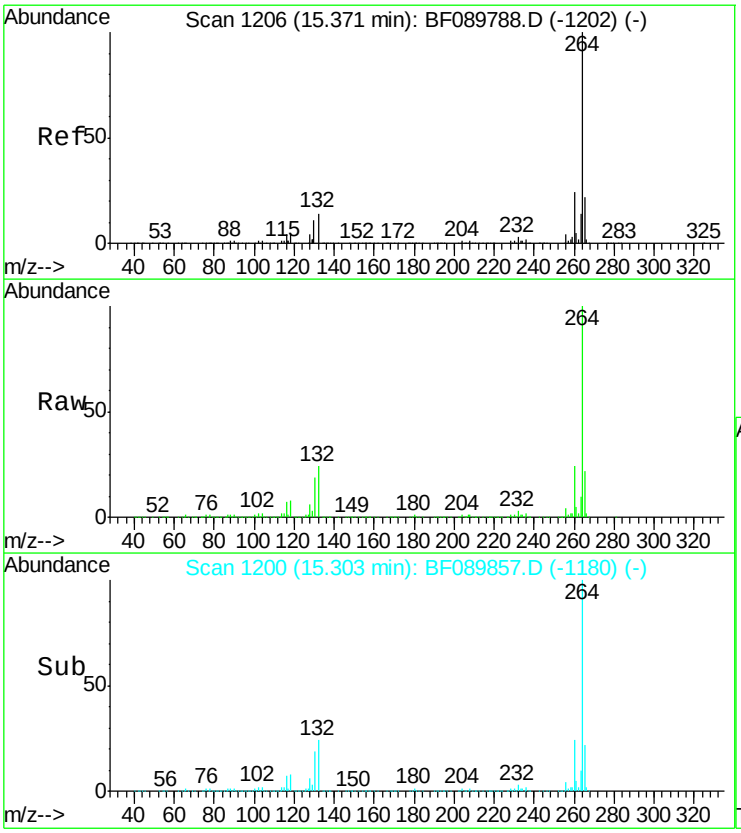
#78
Terphenyl-d14
Concen: 63.49 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF089857.D
Acq: 24 Aug 2016 3:22

Instrument :
BNA_F
ClientSampleId :
BL-CHIPS-2

Tgt Ion:244 Resp: 3571356

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.3	9.5
122	14.6	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.07 min
Lab File: BF089857.D
Acq: 24 Aug 2016 3:22

Tgt Ion:264 Resp: 982300

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.2
265	21.8	17.4	26.2