Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086557.D
Acq On : 1 May 2016 8:04
Operator : UM/SJ
Sample : H2737-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-12-4-26-16

Quant Time: May 02 02:00:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	127278	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	557327	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	274495	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	505840	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	378702	20.00	ng	-0.06
86) Perylene-d12	15.30	264	319898	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	530830	71.94	ng	-0.03
7) Phenol-d6	6.40	99	520615	50.55	ng	-0.05
23) Nitrobenzene-d5	7.33	82	922771	89.24	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	350860	121.21	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1369548	87.98	ng	-0.05
78) Terphenyl-d14	12.87	244	1468285	85.42	ng	-0.05
Target Compounds						Qvalue

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

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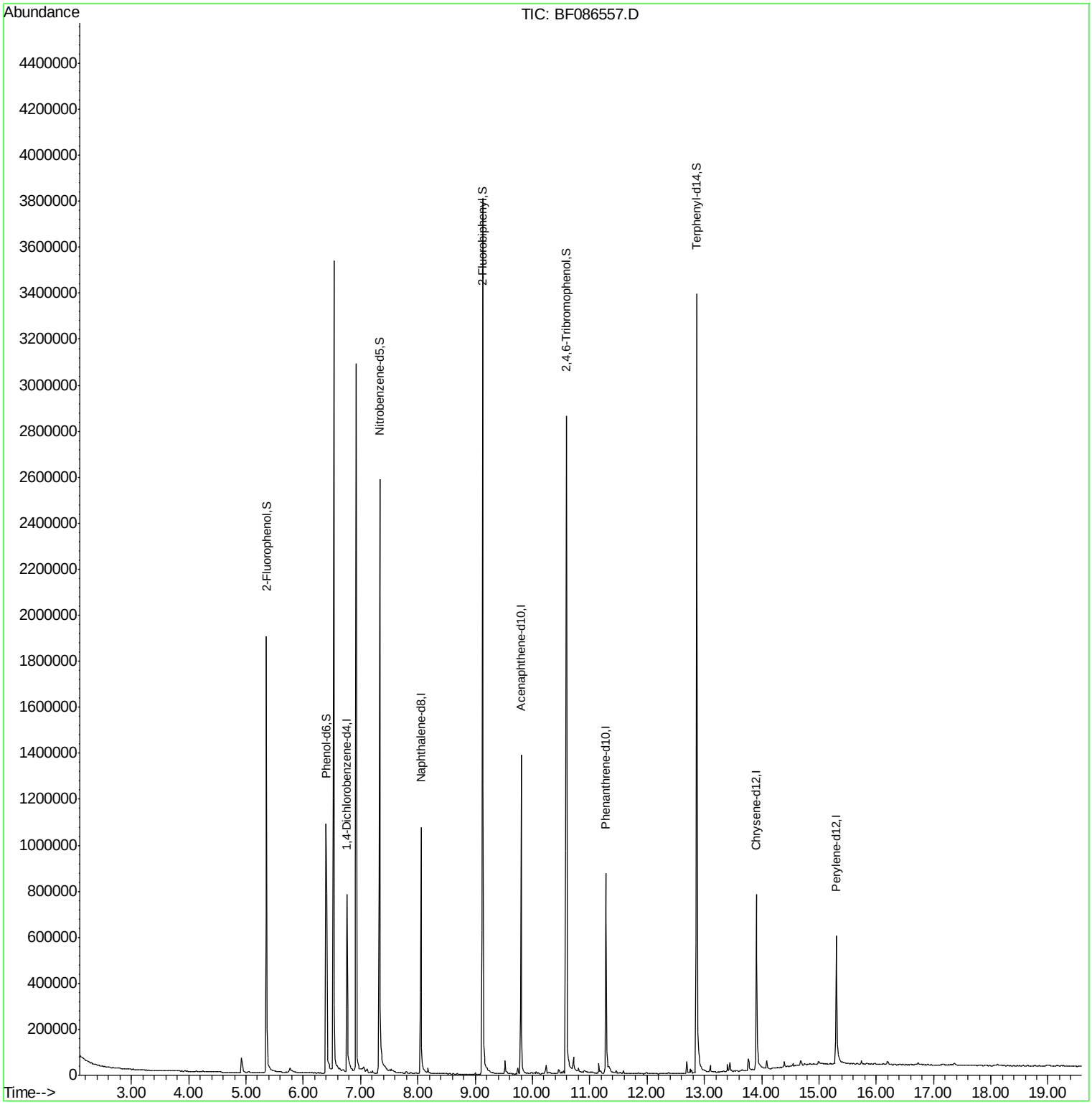
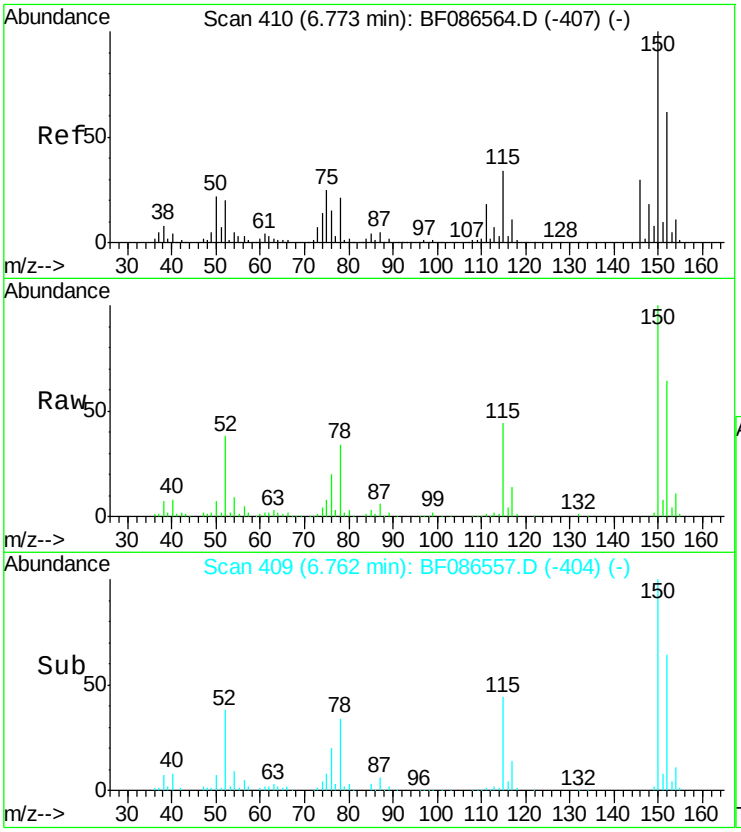


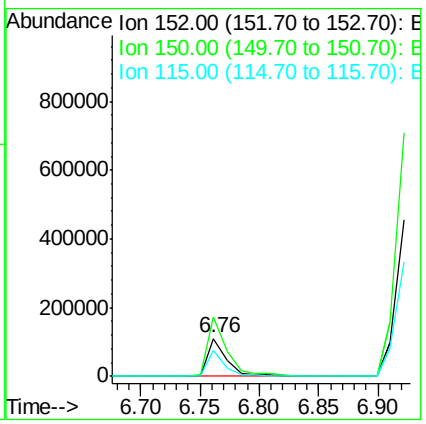


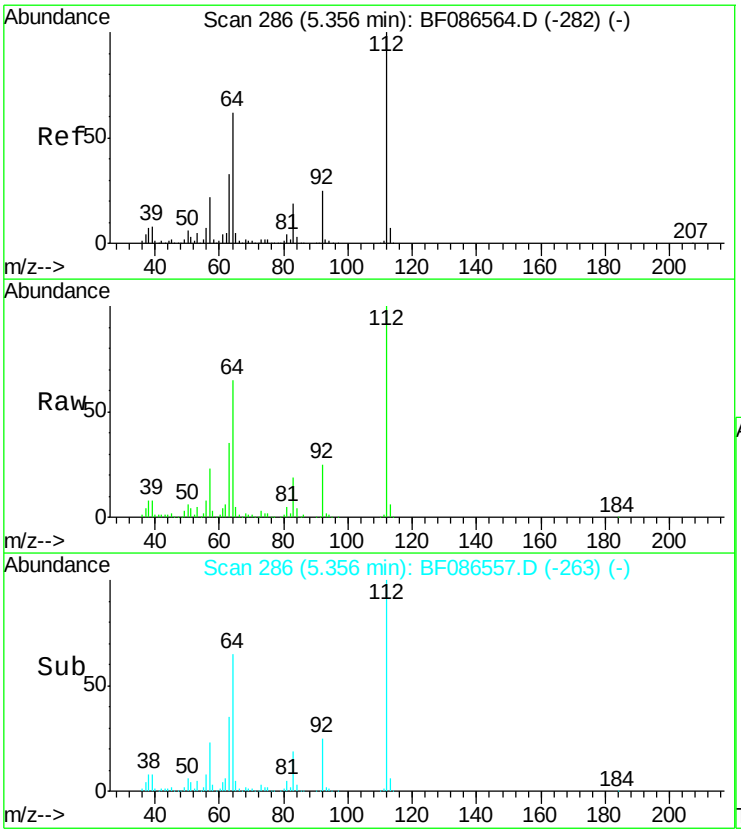
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086557.D
Acq: 1 May 2016 8:04

Instrument :
BNA_F
ClientSampleId :
HW-12-4-26-16

Tgt Ion:152 Resp: 127278

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.8	188.6
115	68.6	51.5	77.3

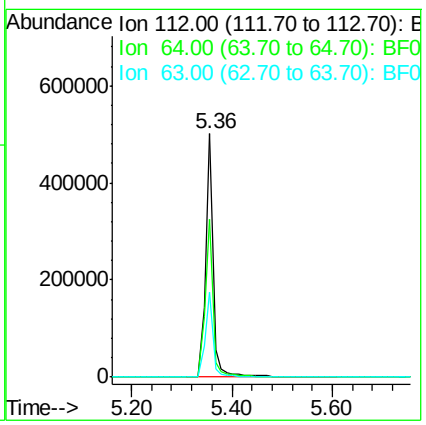


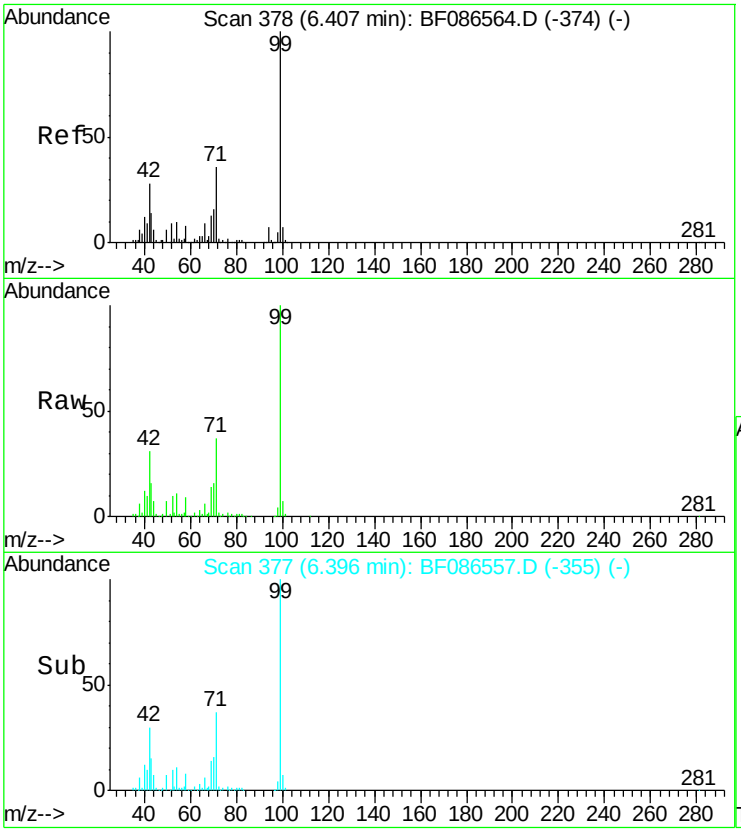


#5
2-Fluorophenol
Concen: 71.94 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086557.D
Acq: 1 May 2016 8:04

Tgt Ion:112 Resp: 530830

Ion	Ratio	Lower	Upper
112	100		
64	65.1	52.1	78.1
63	34.8	25.7	38.5



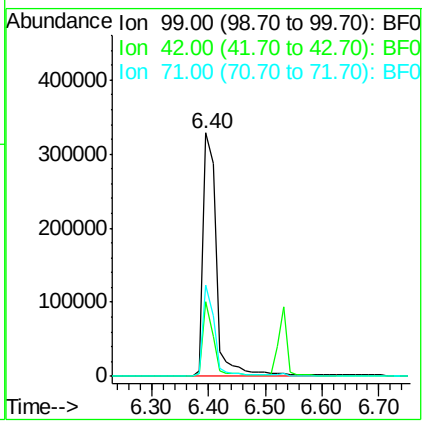


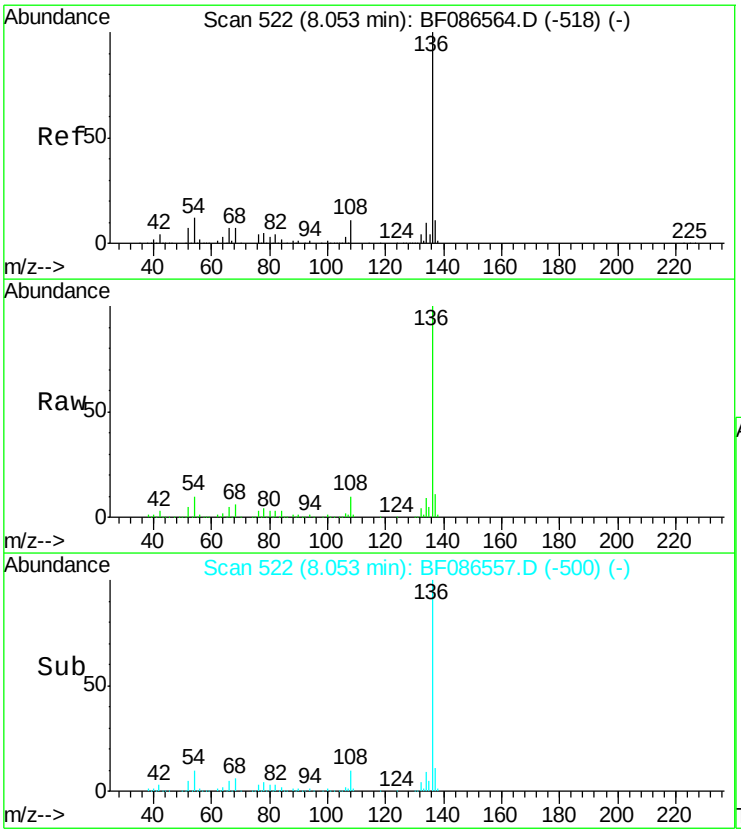
#7
Phenol-d6
Concen: 50.55 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.05 min
Lab File: BF086557.D
Acq: 1 May 2016 8:04

Instrument :
BNA_F
ClientSampleId :
HW-12-4-26-16

Tgt Ion: 99 Resp: 520615

Ion	Ratio	Lower	Upper
99	100		
42	30.5	13.6	20.4#
71	37.3	24.6	36.8#

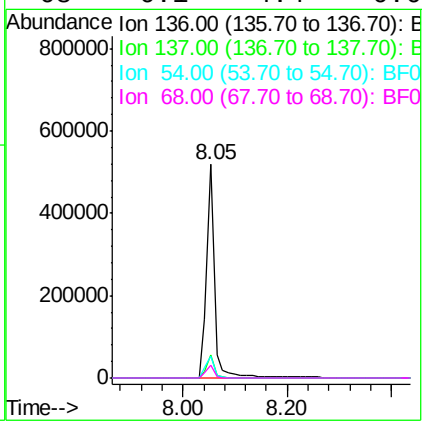


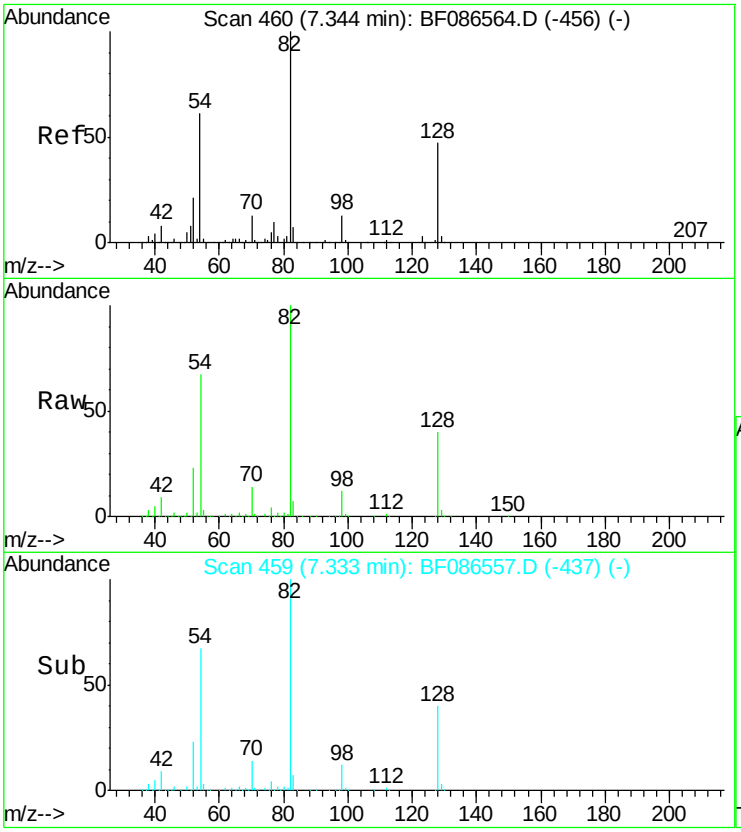


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086557.D
Acq: 1 May 2016 8:04

Tgt Ion:136 Resp: 557327

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.0	5.0	7.4#
68	6.1	4.4	6.6



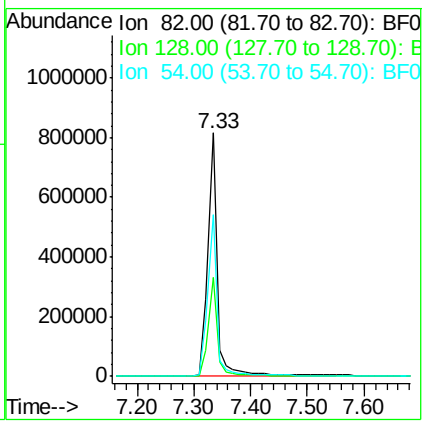


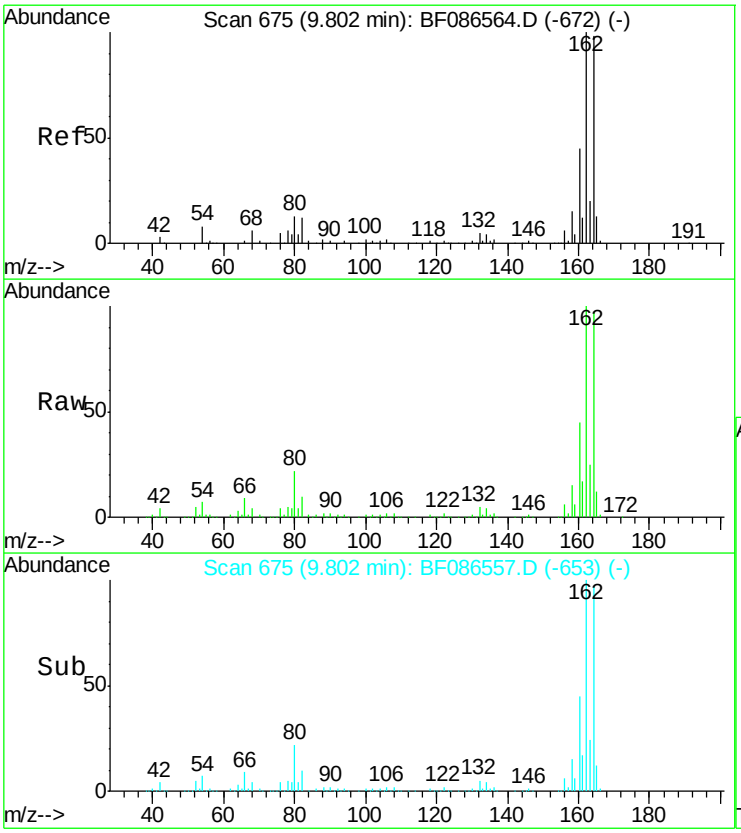
#23
Nitrobenzene-d5
Concen: 89.24 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086557.D
Acq: 1 May 2016 8:04

Instrument :
BNA_F
ClientSampleId :
HW-12-4-26-16

Tgt Ion: 82 Resp: 922771

Ion	Ratio	Lower	Upper
82	100		
128	40.4	40.6	61.0#
54	66.6	38.1	57.1#

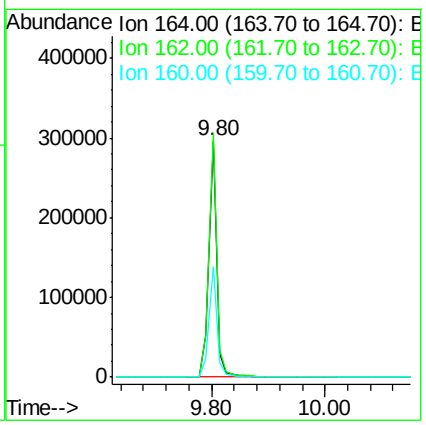


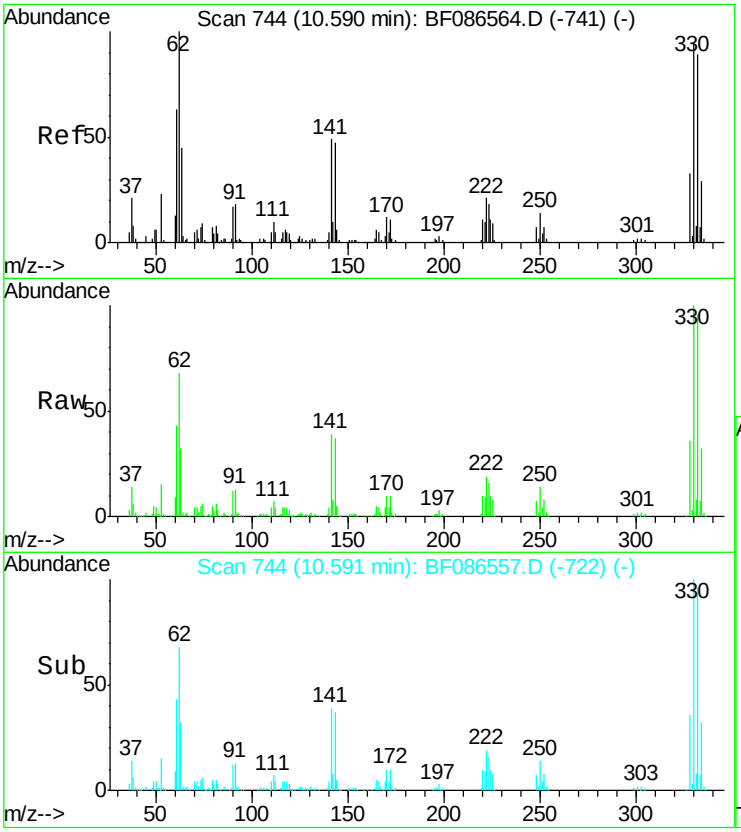


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086557.D
Acq: 1 May 2016 8:04

Tgt Ion:164 Resp: 274495

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	46.6	36.9	55.3



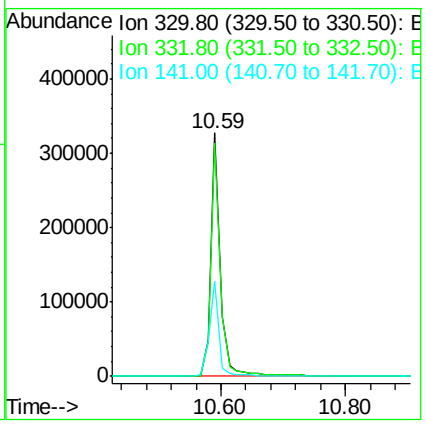


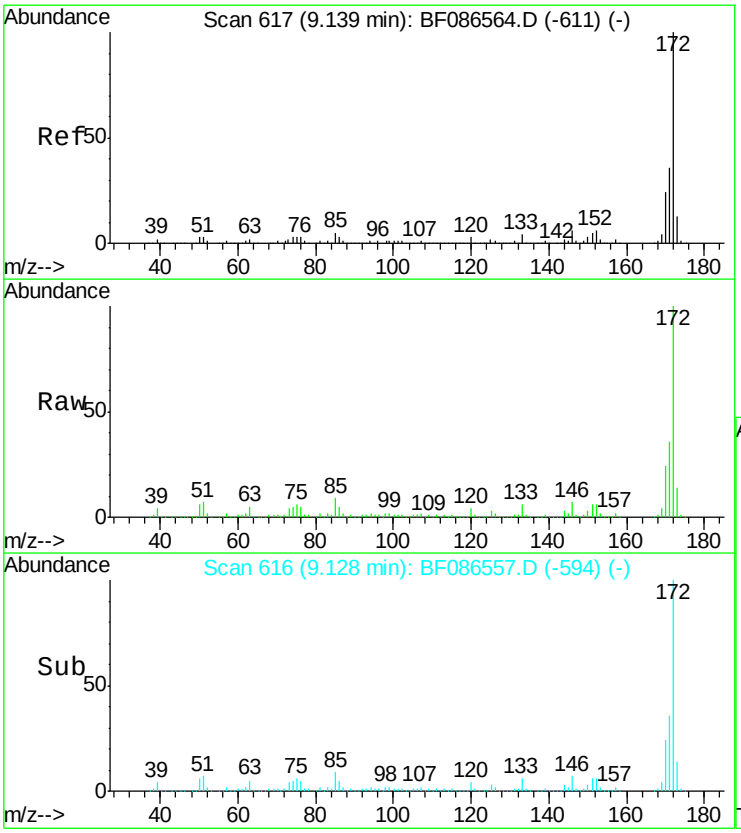
#41
2,4,6-Tribromophenol
Concen: 121.21 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF086557.D
Acq: 1 May 2016 8:04

Instrument :
BNA_F
ClientSampleId :
HW-12-4-26-16

Tgt Ion:330 Resp: 350860

Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	39.1	31.2	46.8

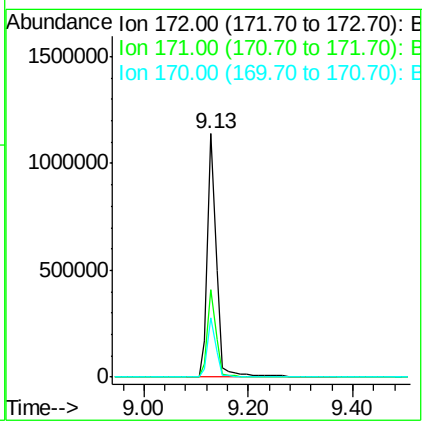


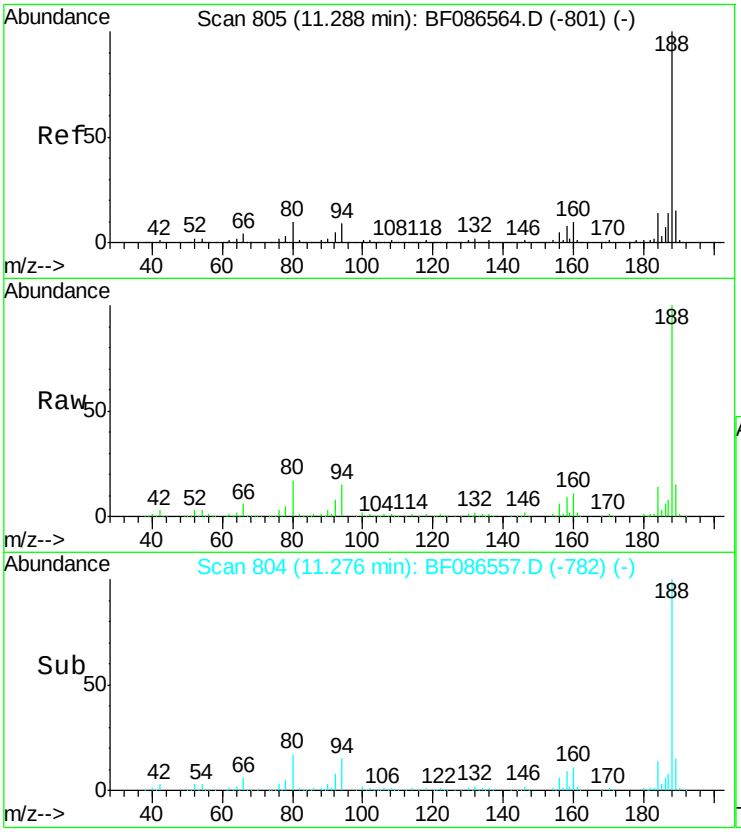


#44
2-Fluorobiphenyl
Concen: 87.98 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.05 min
Lab File: BF086557.D
Acq: 1 May 2016 8:04

Tgt Ion:172 Resp: 1369548

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.5	19.8	29.8



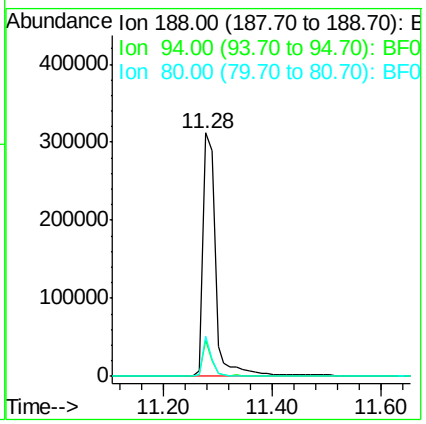


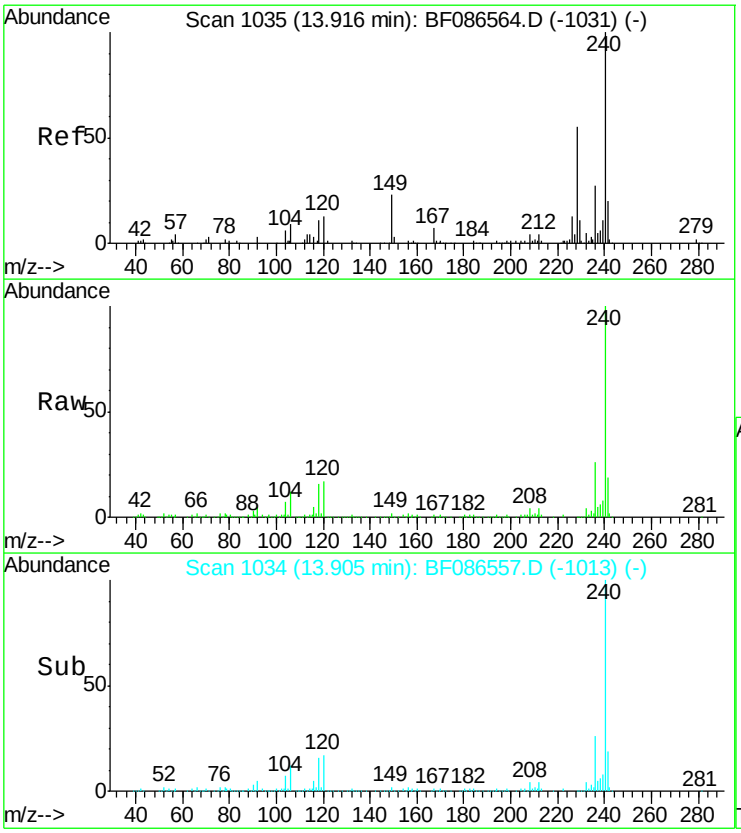
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086557.D
Acq: 1 May 2016 8:04

Instrument :
BNA_F
ClientSampleId :
HW-12-4-26-16

Tgt Ion:188 Resp: 505840

Ion	Ratio	Lower	Upper
188	100		
94	15.1	6.8	10.2#
80	16.6	7.1	10.7#

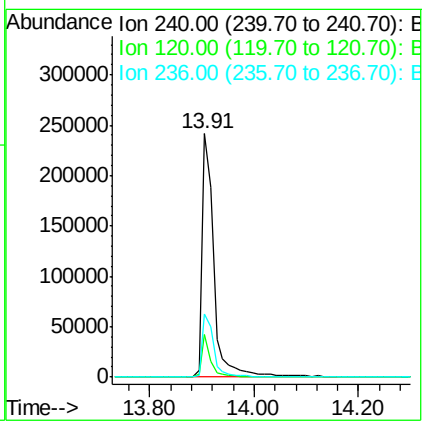


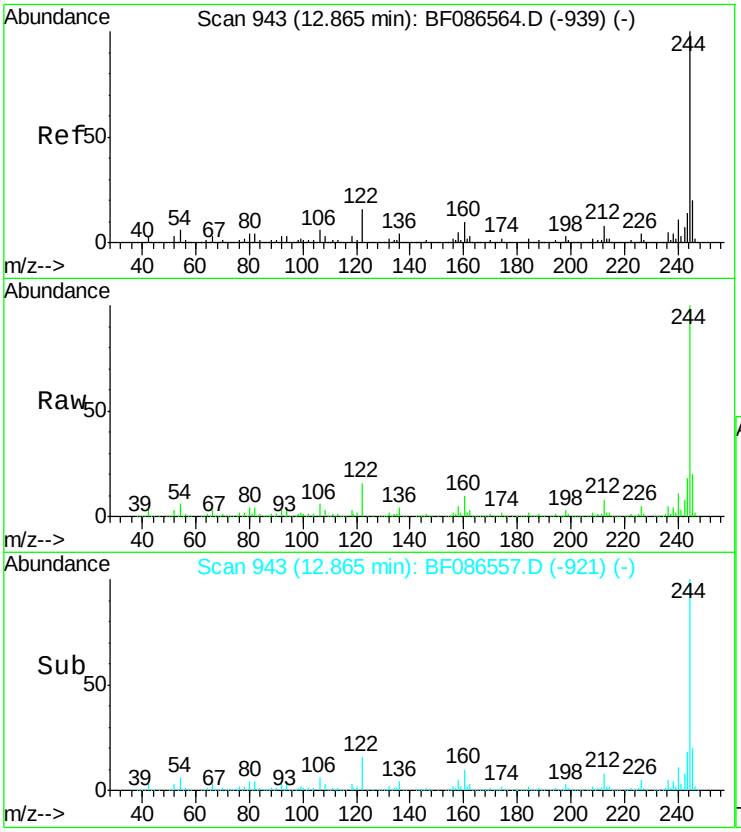


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086557.D
Acq: 1 May 2016 8:04

Tgt Ion:240 Resp: 378702

Ion	Ratio	Lower	Upper
240	100		
120	17.3	11.2	16.8#
236	26.1	21.2	31.8



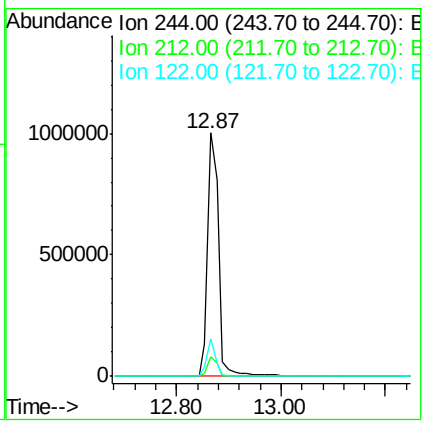


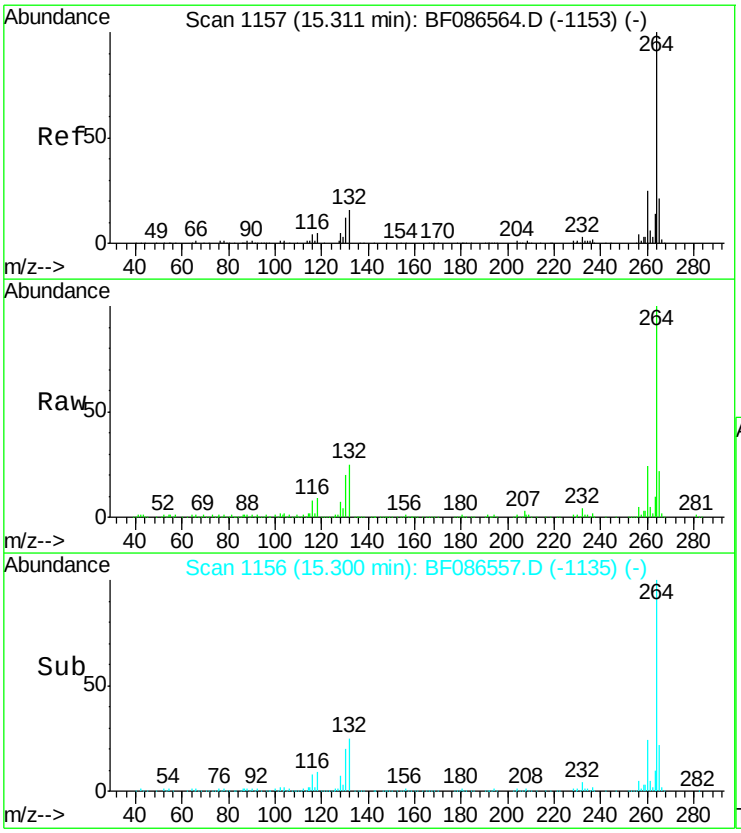
#78
Terphenyl-d14
Concen: 85.42 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF086557.D
Acq: 1 May 2016 8:04

Instrument :
BNA_F
ClientSampleId :
HW-12-4-26-16

Tgt Ion:244 Resp: 1468285

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	15.6	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086557.D
Acq: 1 May 2016 8:04

Tgt Ion:264 Resp: 319898

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.3	17.3	25.9