Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087057.D
Acq On : 15 May 2016 9:12
Operator : UM/SJ
Sample : H3052-09
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-37

Quant Time: May 16 07:16:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	145263	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	590893	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	288435	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	521398	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	347556	20.00	ng	-0.01
86) Perylene-d12	15.11	264	329891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	569676	66.41	ng	0.00
7) Phenol-d6	6.27	99	503812	43.95	ng	-0.01
23) Nitrobenzene-d5	7.19	82	981013	83.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	332692	108.95	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1535069	89.45	ng	0.00
78) Terphenyl-d14	12.71	244	1130499	69.01	ng	0.00

Target Compounds	Qvalue

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

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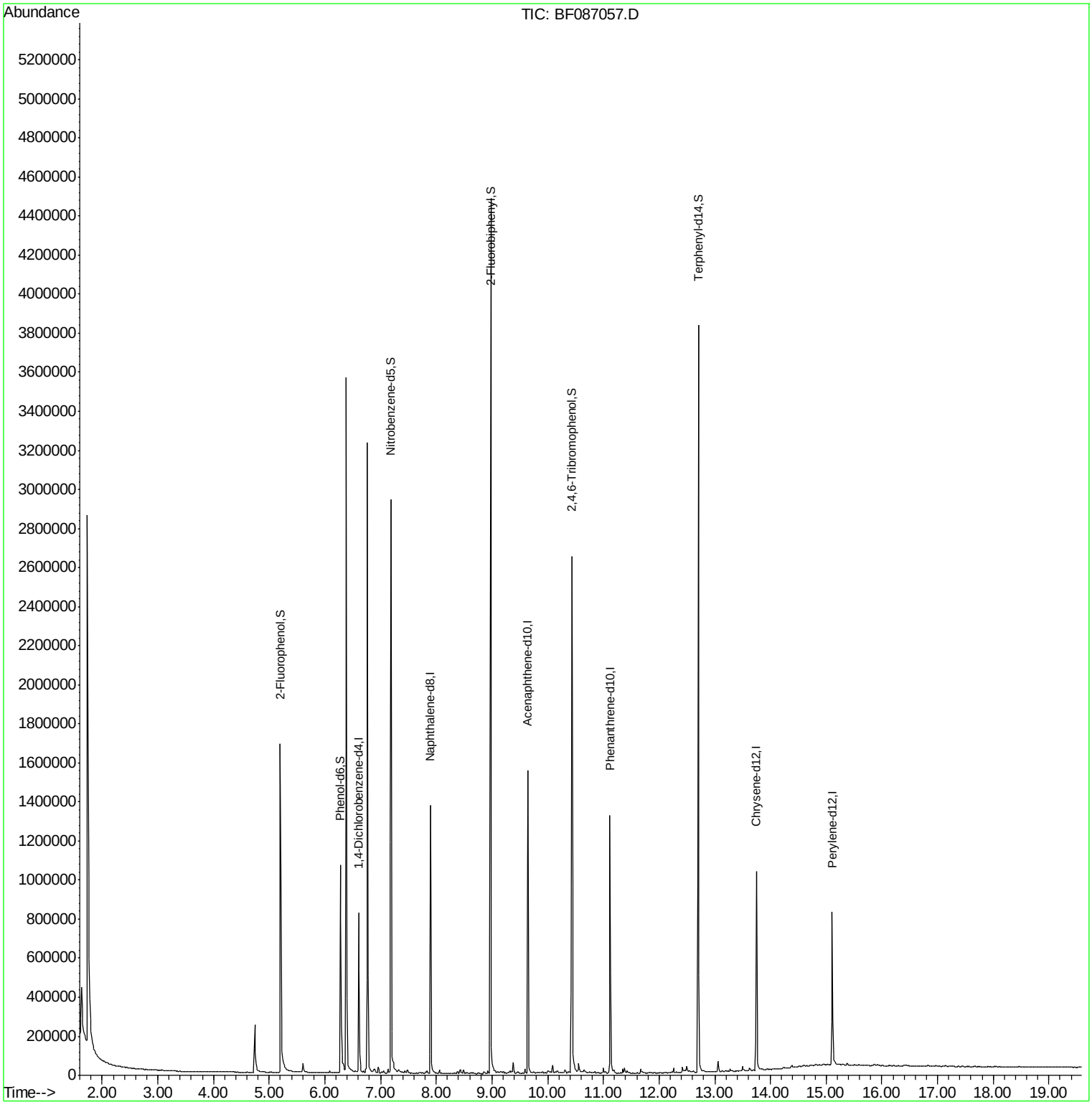
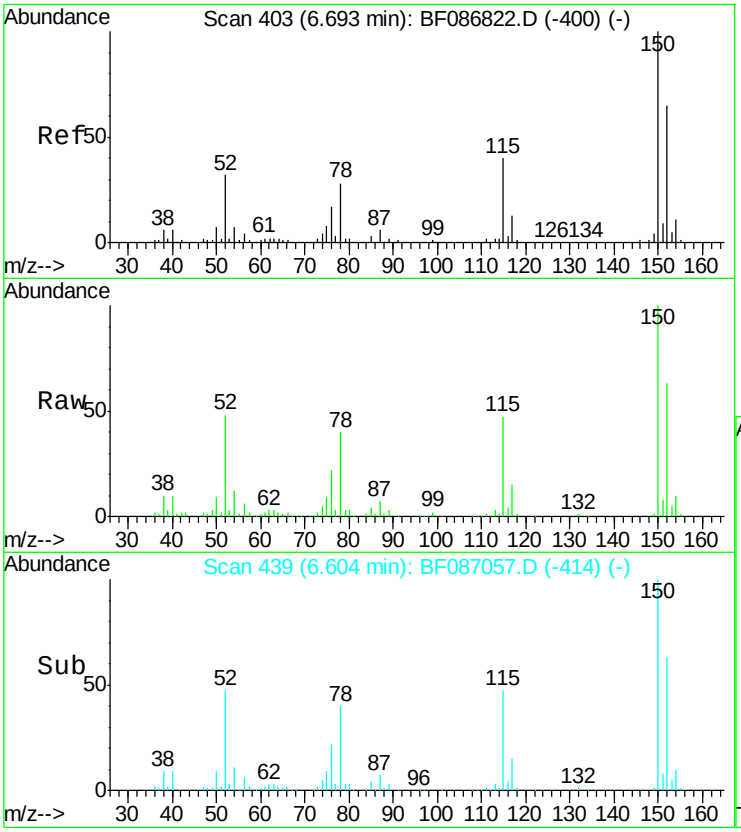


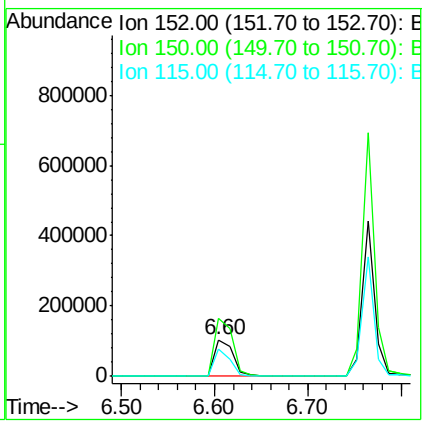


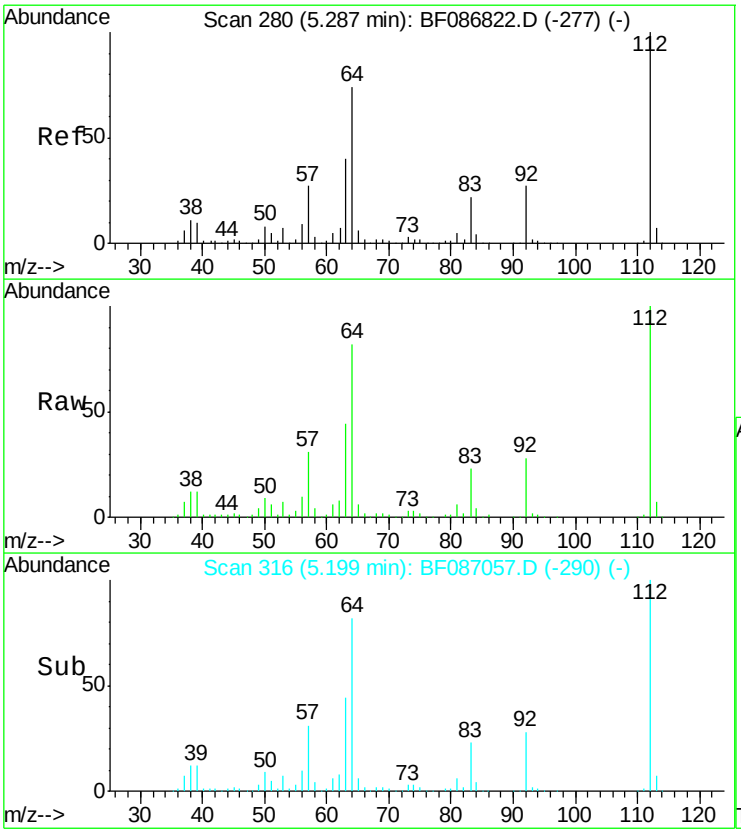
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF087057.D
Acq: 15 May 2016 9:12

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion:152 Resp: 145263

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.8	188.6
115	74.4	51.5	77.3

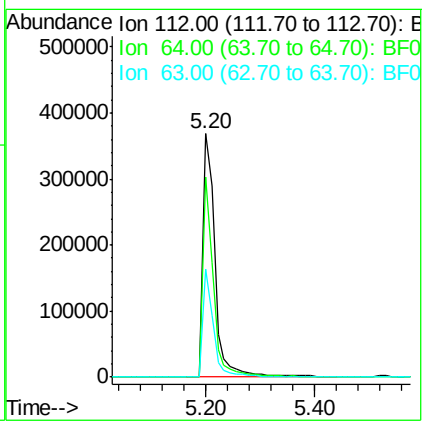


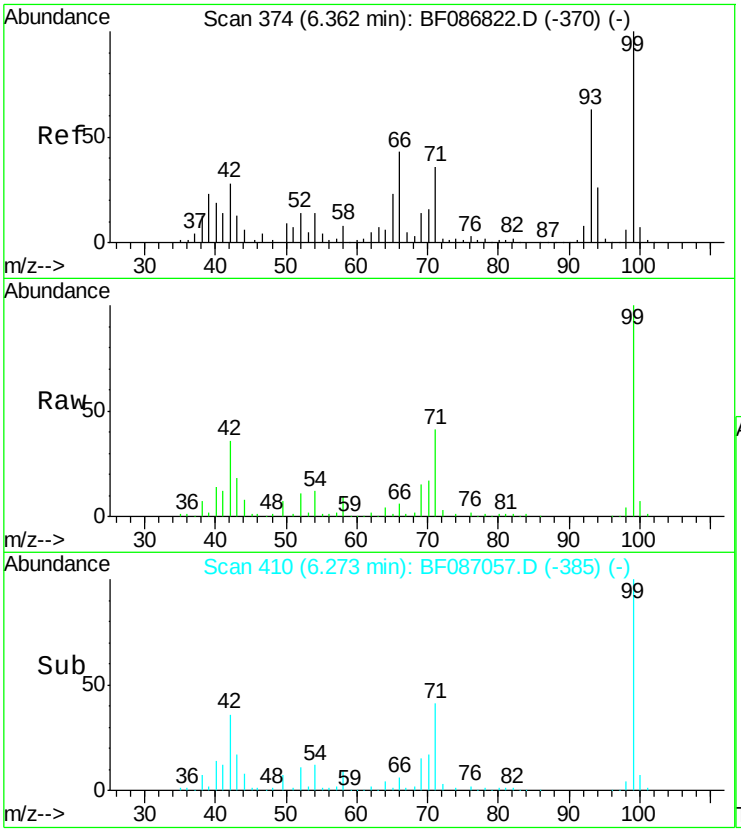


#5
2-Fluorophenol
Concen: 66.41 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.00 min
Lab File: BF087057.D
Acq: 15 May 2016 9:12

Tgt Ion:112 Resp: 569676

Ion	Ratio	Lower	Upper
112	100		
64	82.2	52.1	78.1#
63	44.3	25.7	38.5#



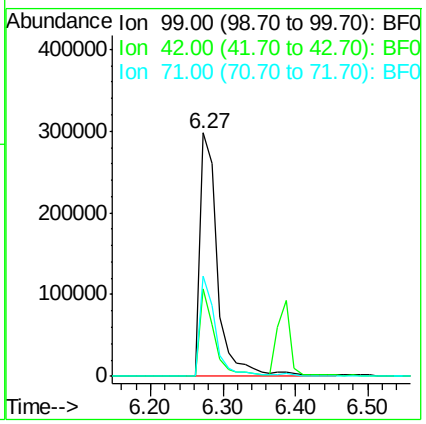


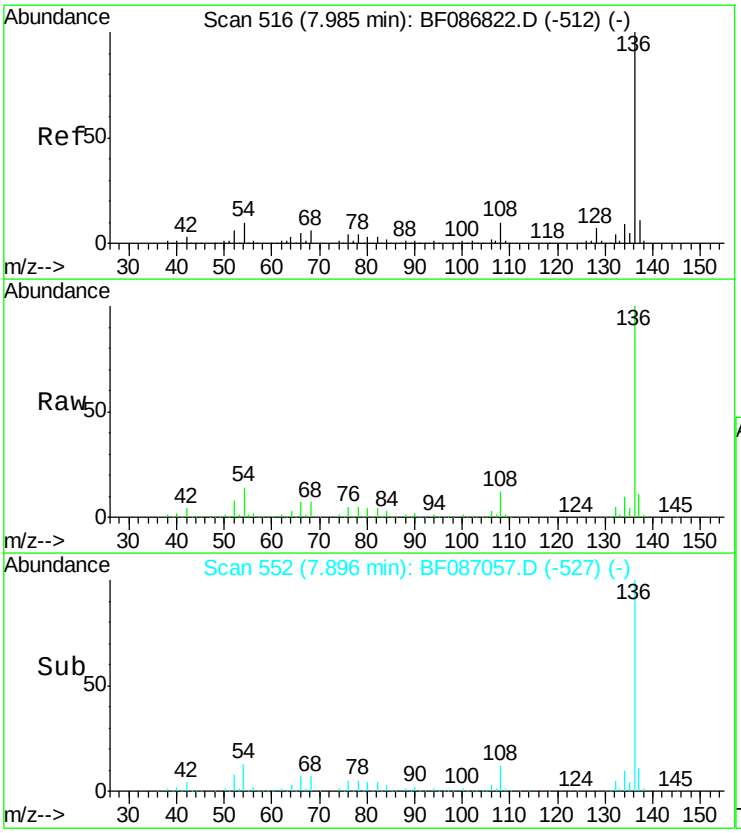
#7
Phenol-d6
Concen: 43.95 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF087057.D
Acq: 15 May 2016 9:12

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion: 99 Resp: 503812

Ion	Ratio	Lower	Upper
99	100		
42	36.1	13.6	20.4#
71	41.1	24.6	36.8#

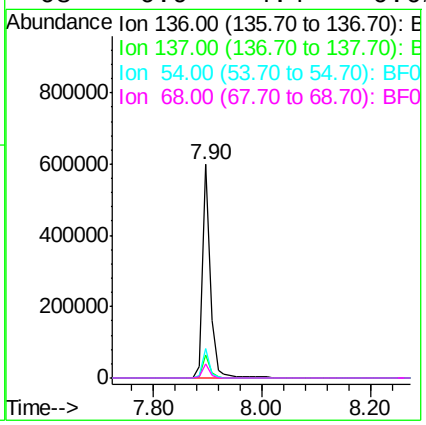


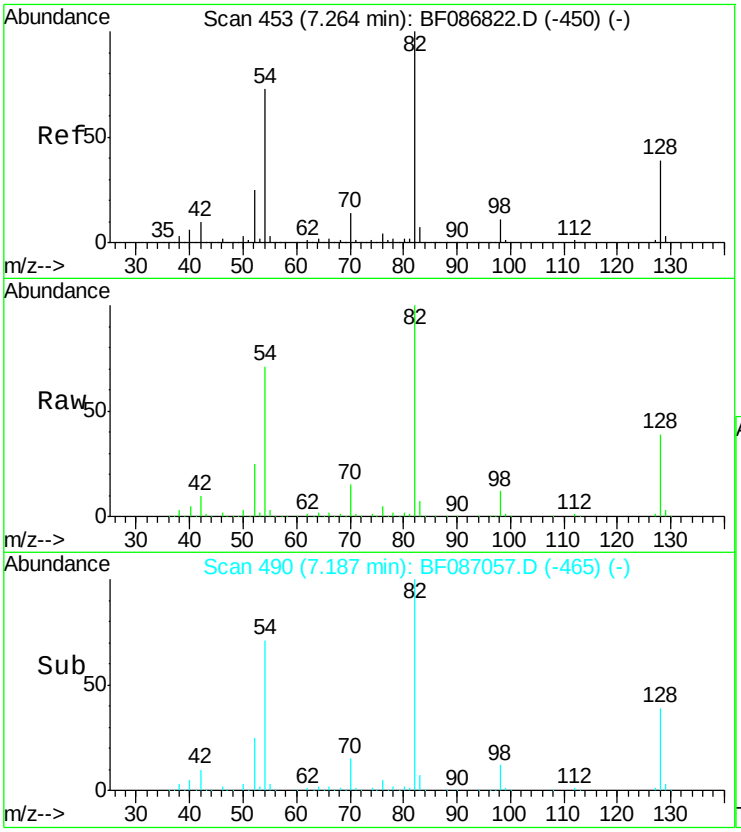


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087057.D
Acq: 15 May 2016 9:12

Tgt Ion:136 Resp: 590893

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.6	5.0	7.4#
68	6.9	4.4	6.6#



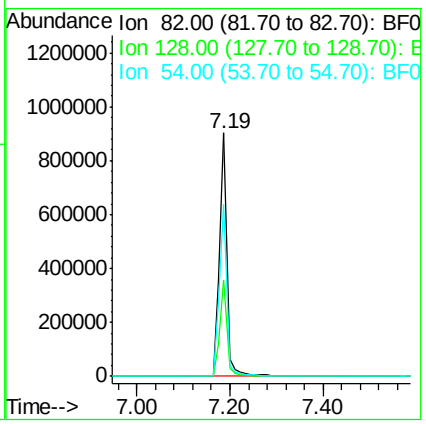


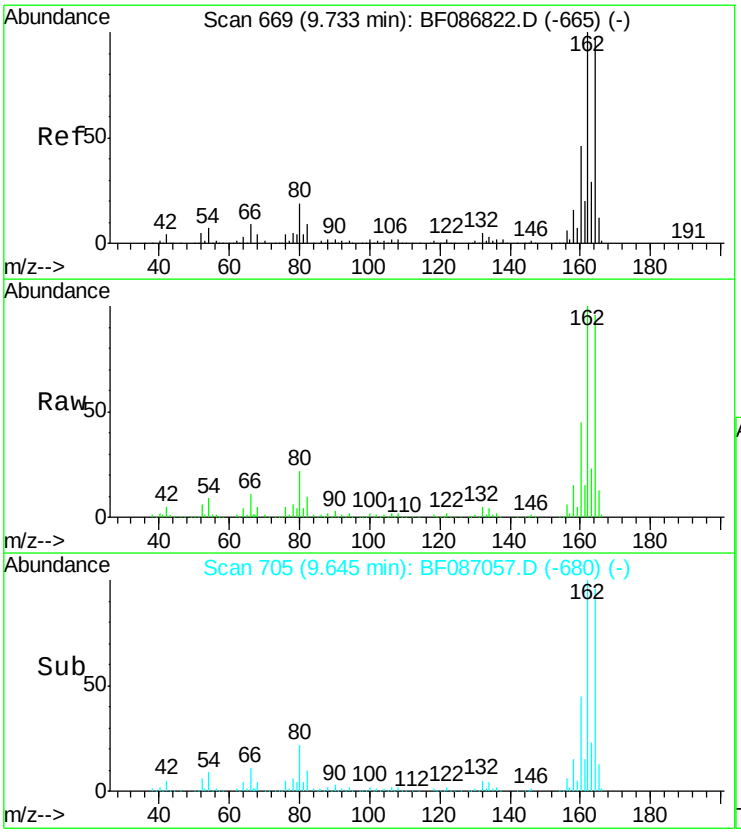
#23
Nitrobenzene-d5
Concen: 83.36 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF087057.D
Acq: 15 May 2016 9:12

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion: 82 Resp: 981013

Ion	Ratio	Lower	Upper
82	100		
128	39.4	40.6	61.0#
54	70.8	38.1	57.1#

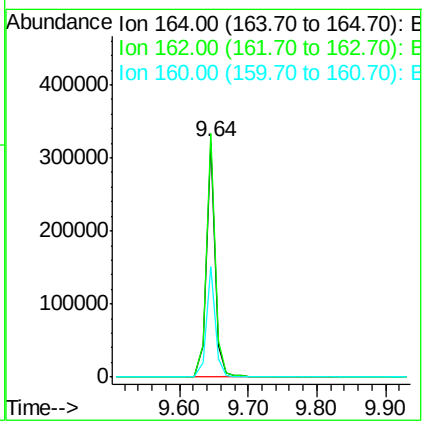


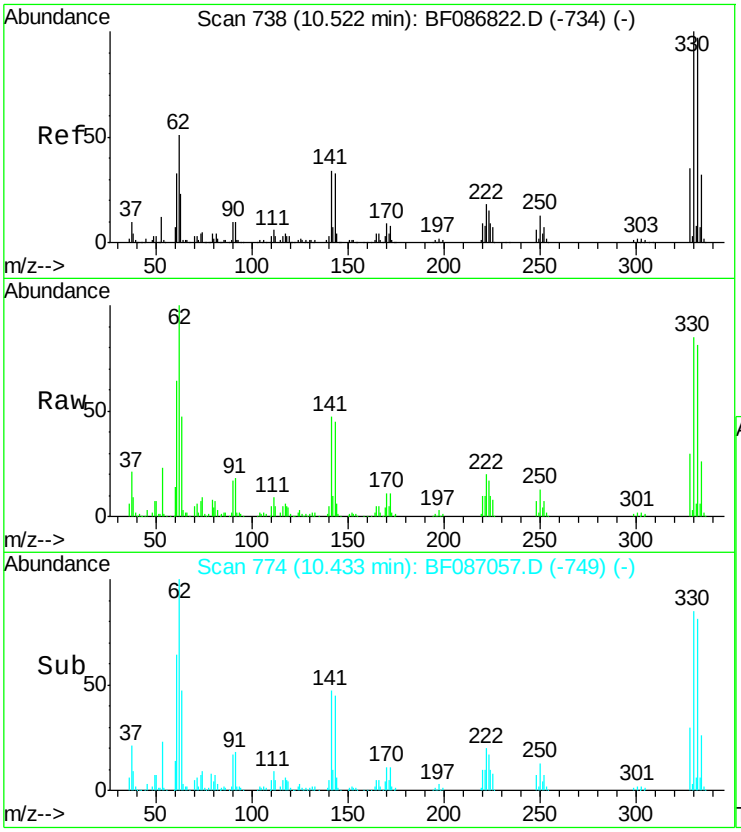


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087057.D
Acq: 15 May 2016 9:12

Tgt Ion:164 Resp: 288435

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.8	124.2
160	46.8	36.9	55.3



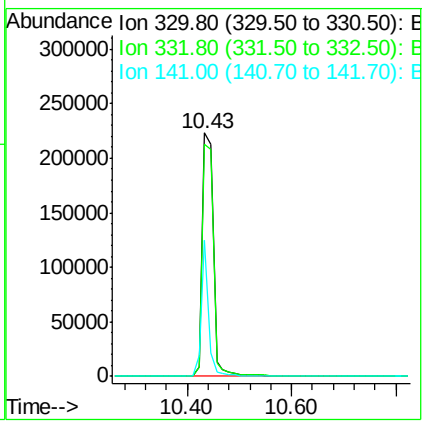


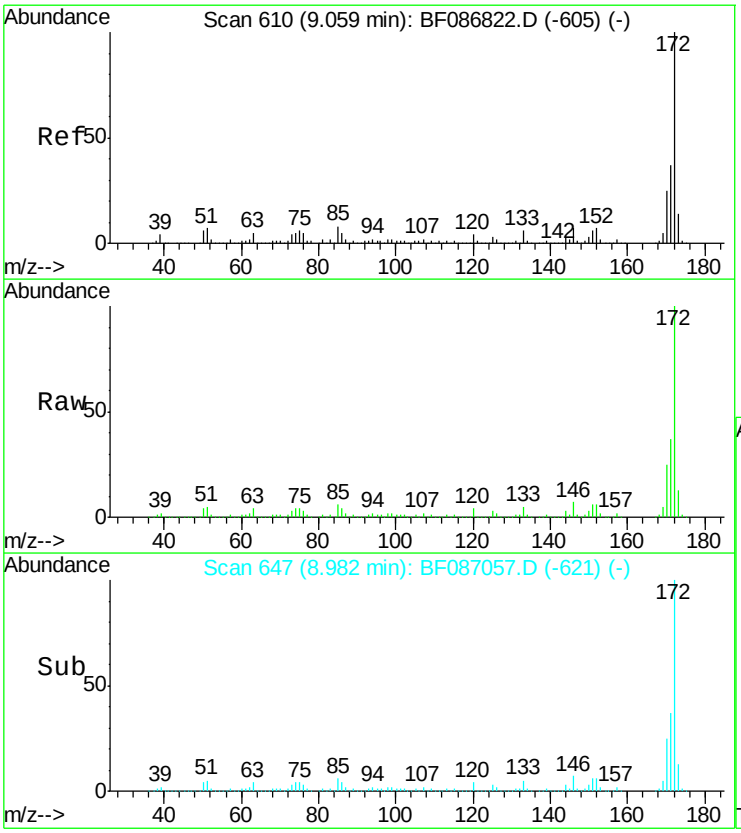
#41
2,4,6-Tribromophenol
Concen: 108.95 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF087057.D
Acq: 15 May 2016 9:12

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion:330 Resp: 332692

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	36.3	31.2	46.8

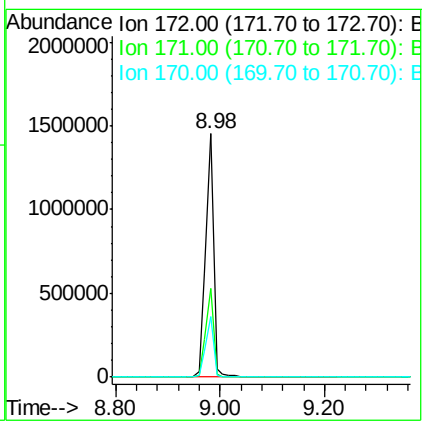


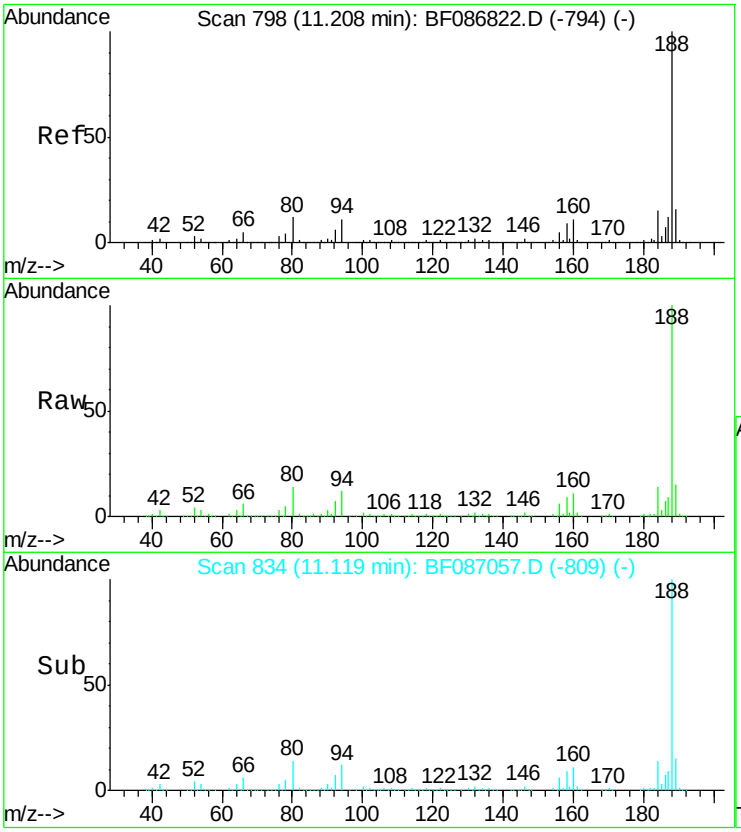


#44
2-Fluorobiphenyl
Concen: 89.45 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF087057.D
Acq: 15 May 2016 9:12

Tgt Ion:172 Resp: 1535069

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.6	19.8	29.8



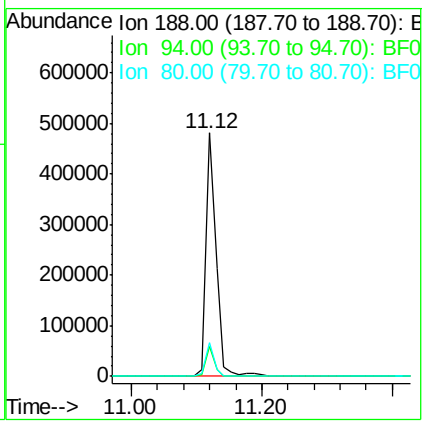


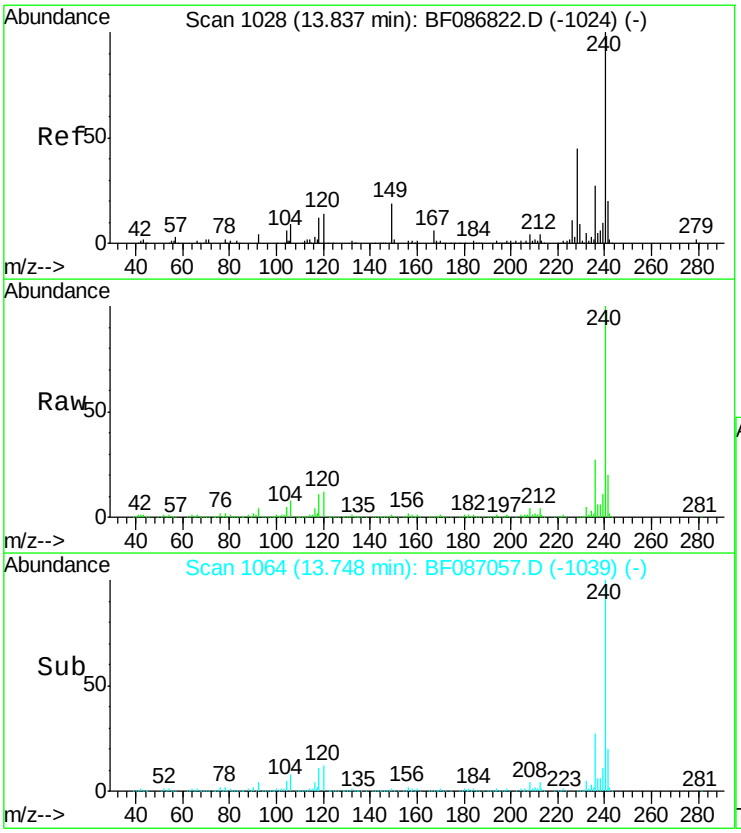
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087057.D
Acq: 15 May 2016 9:12

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion:188 Resp: 521398

Ion	Ratio	Lower	Upper
188	100		
94	12.2	6.8	10.2#
80	13.8	7.1	10.7#

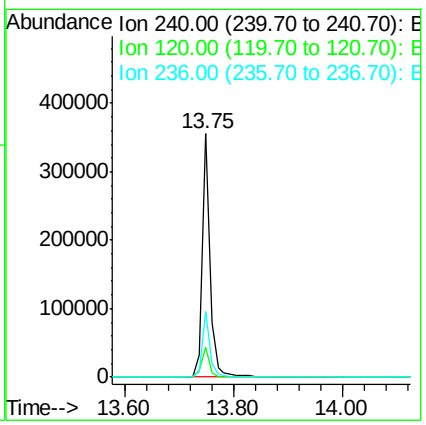


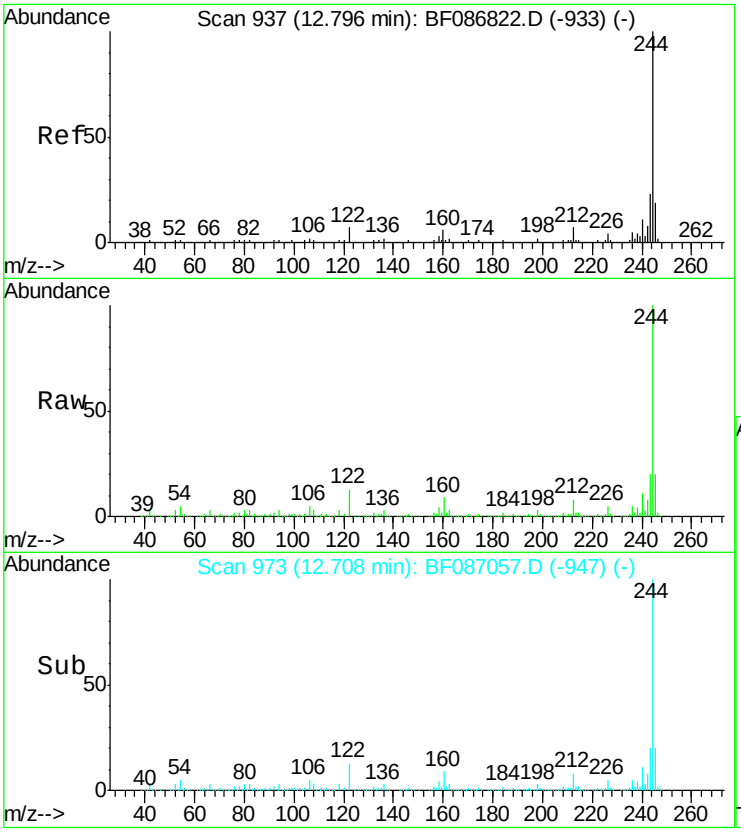


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087057.D
Acq: 15 May 2016 9:12

Tgt Ion:240 Resp: 347556

Ion	Ratio	Lower	Upper
240	100		
120	12.2	11.2	16.8
236	26.8	21.2	31.8



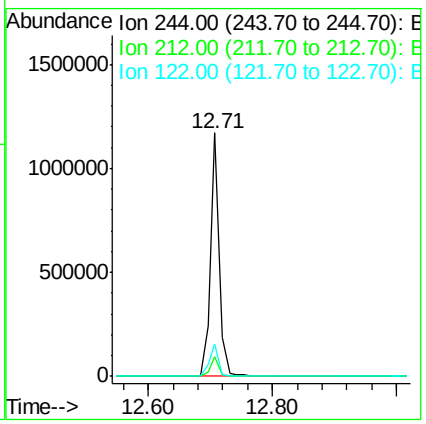


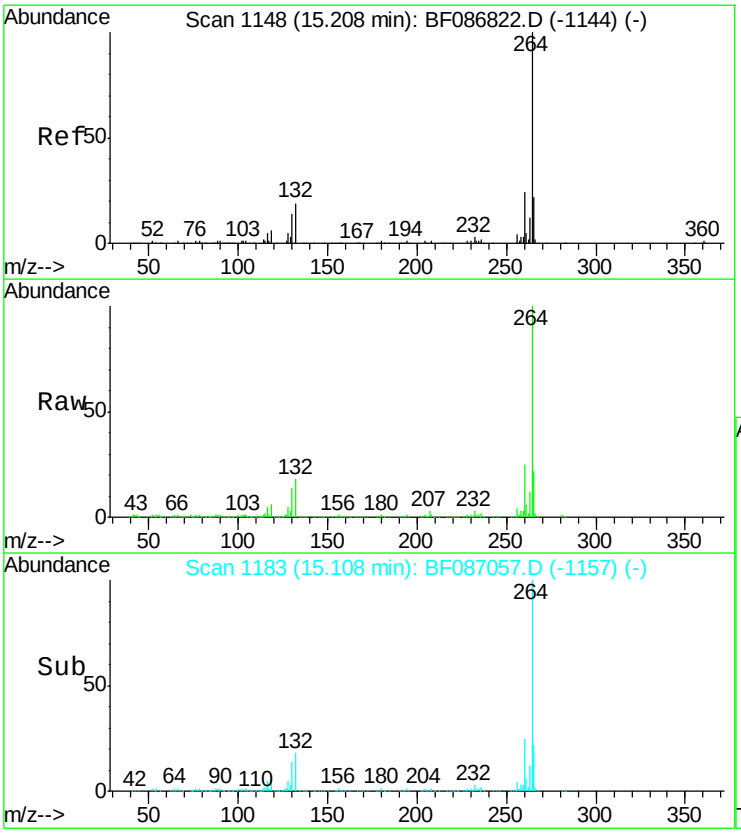
#78
Terphenyl-d14
Concen: 69.01 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF087057.D
Acq: 15 May 2016 9:12

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion:244 Resp: 1130499

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.3	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087057.D
Acq: 15 May 2016 9:12

Tgt Ion:264 Resp: 329891

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.8	17.3	25.9