Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087417.D
Acq On : 26 May 2016 20:08
Operator : UM/SJ
Sample : PB90866BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90866BL

Quant Time: May 27 02:20:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	117140	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	483991	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	227624	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	467259	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	377299	20.00	ng	-0.02
86) Perylene-d12	20.13	264	262300	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	813556	122.04	ng	0.01
7) Phenol-d6	7.06	99	1073876	119.21	ng	-0.01
23) Nitrobenzene-d5	8.42	82	695380	72.41	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	235081	107.47	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1132234	70.12	ng	-0.02
78) Terphenyl-d14	17.12	244	1163847	65.58	ng	-0.01
Target Compounds						Qvalue

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

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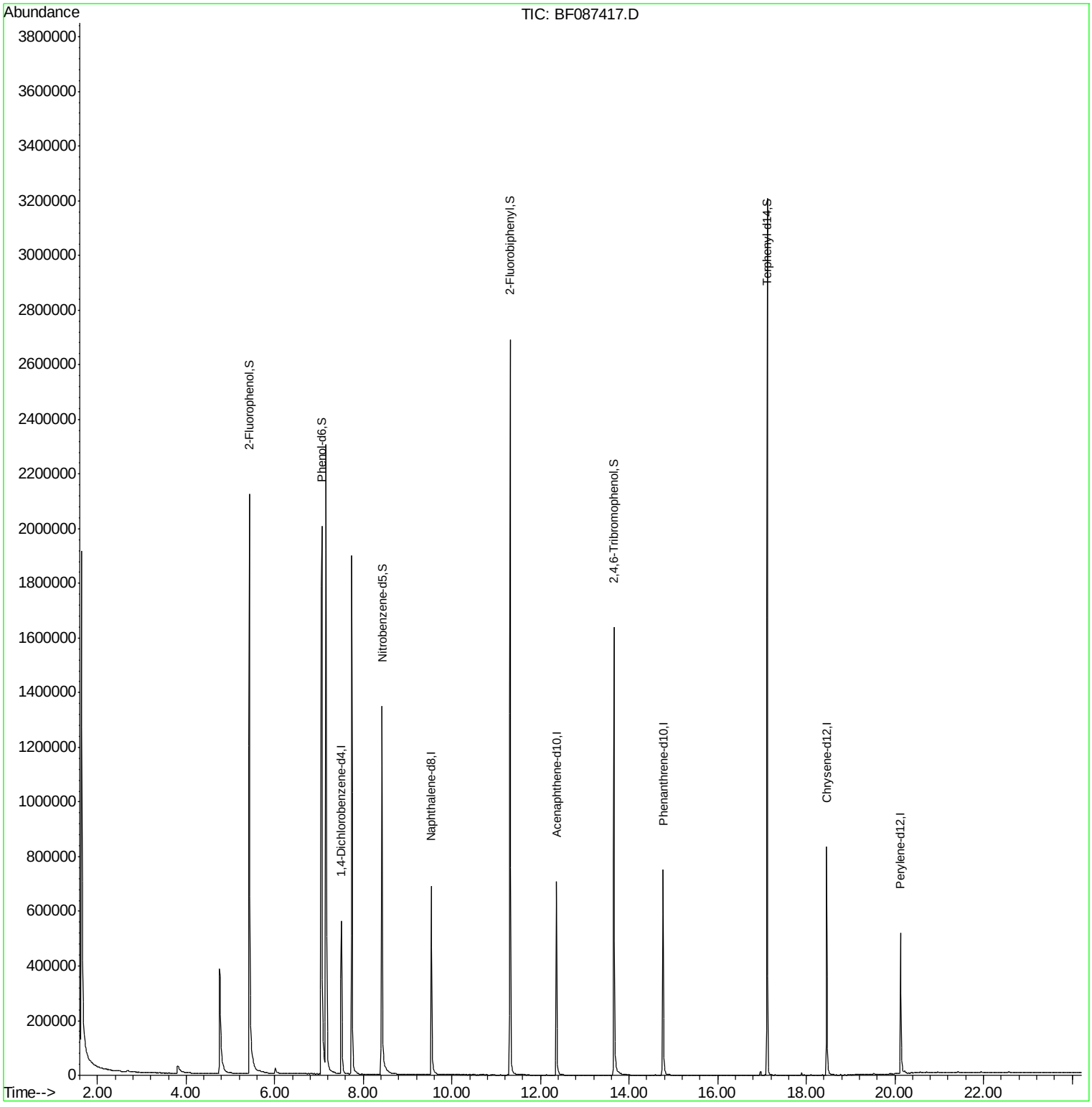
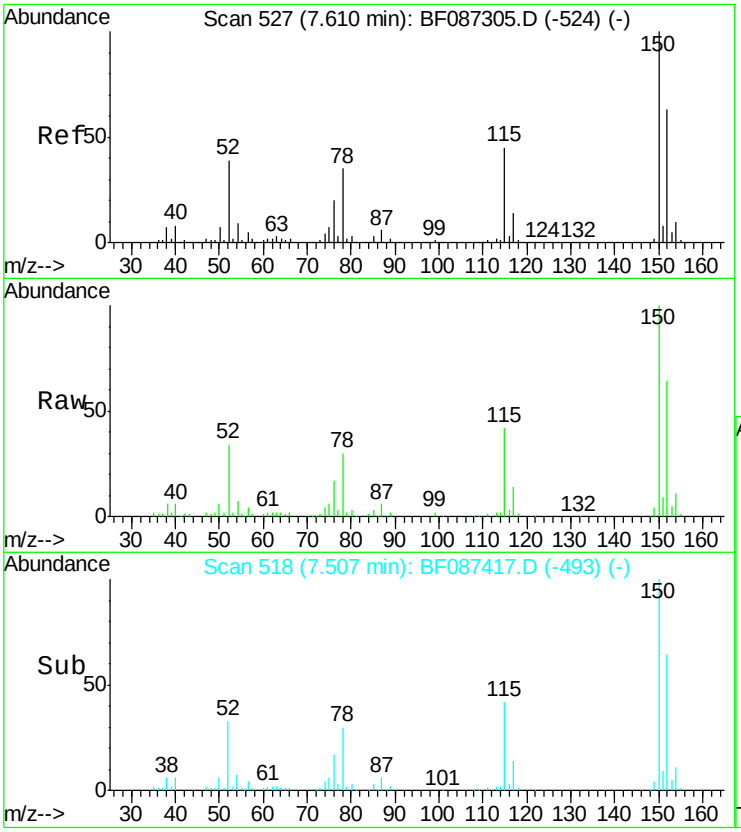


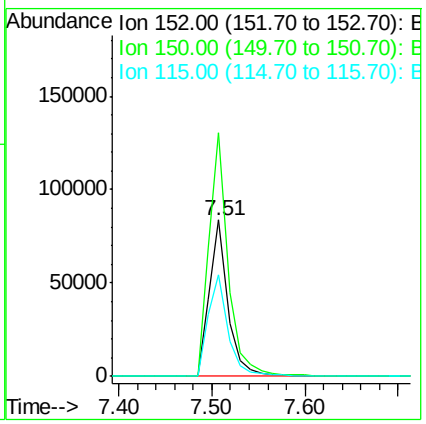


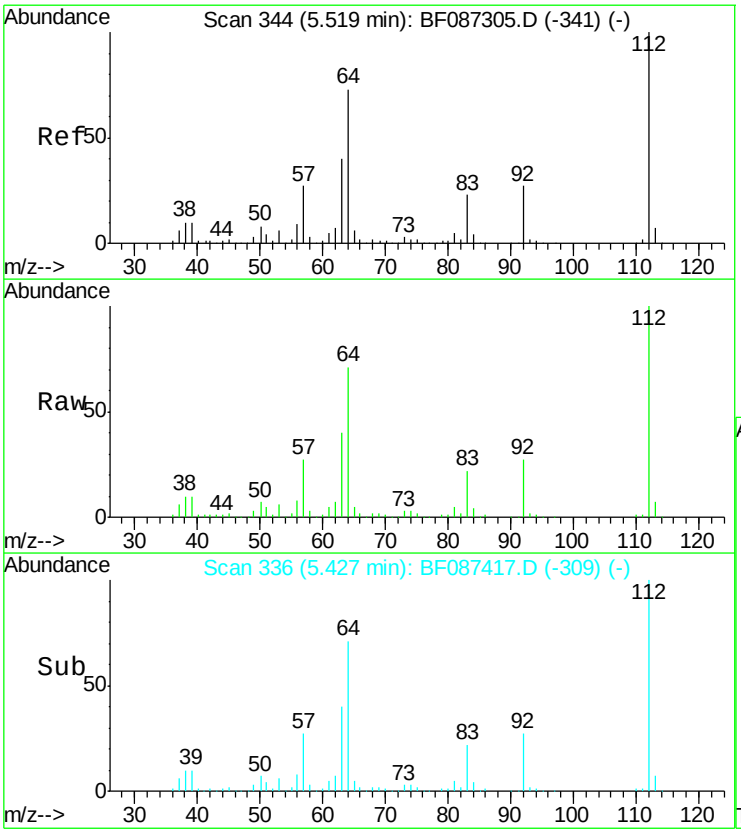
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB90866BL

Tgt Ion:152 Resp: 117140

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.8	188.6
115	65.1	51.5	77.3

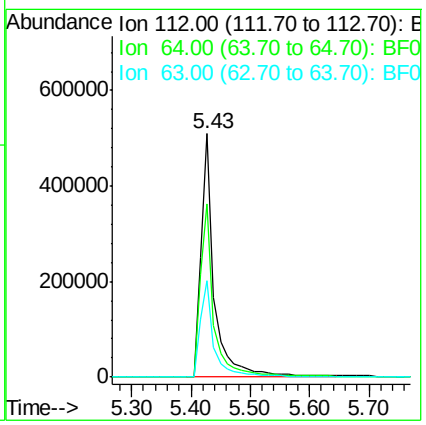


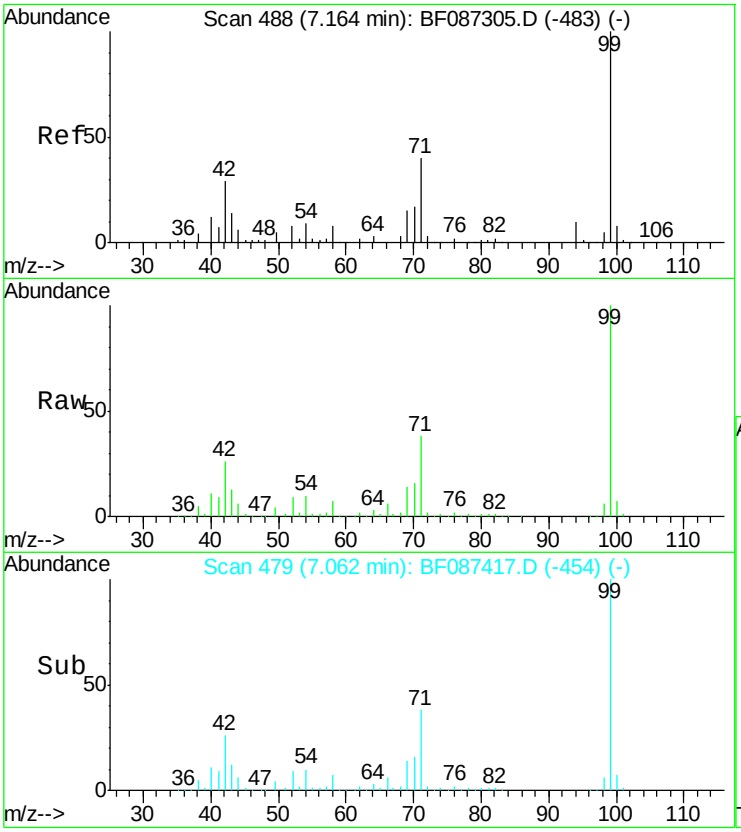


#5
2-Fluorophenol
Concen: 122.04 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.01 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Tgt Ion:112 Resp: 813556

Ion	Ratio	Lower	Upper
112	100		
64	71.3	52.1	78.1
63	39.8	25.7	38.5#



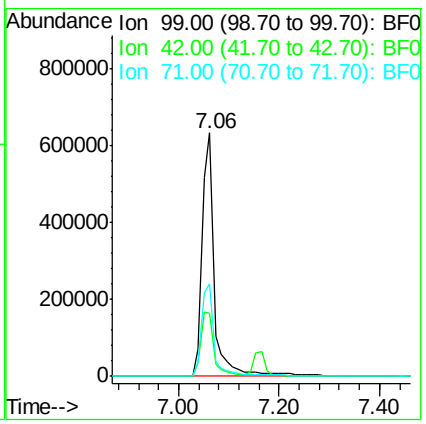


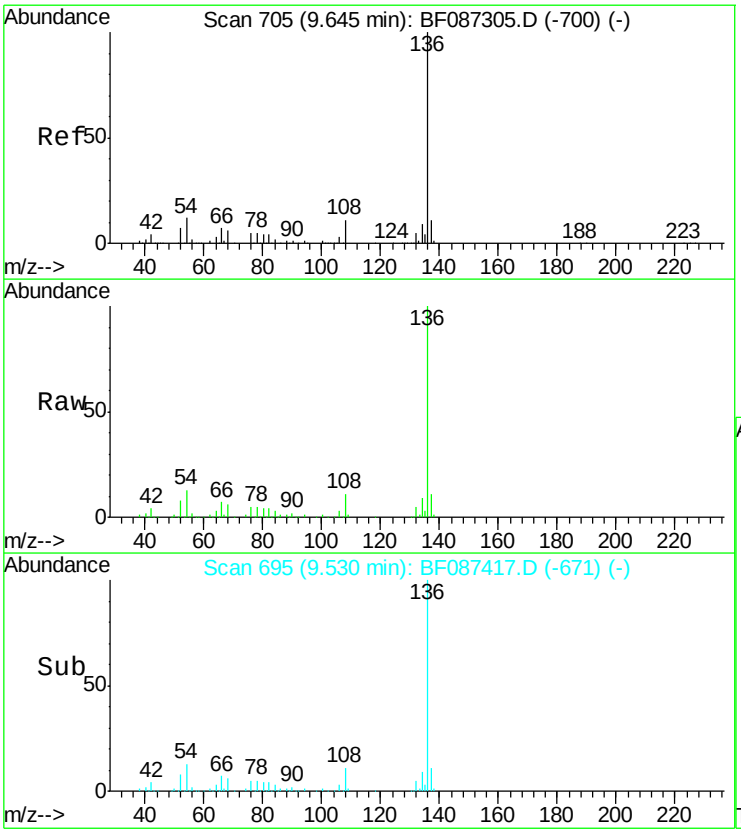
#7
Phenol-d6
Concen: 119.21 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB90866BL

Tgt Ion: 99 Resp: 1073876

Ion	Ratio	Lower	Upper
99	100		
42	25.9	13.6	20.4#
71	38.0	24.6	36.8#

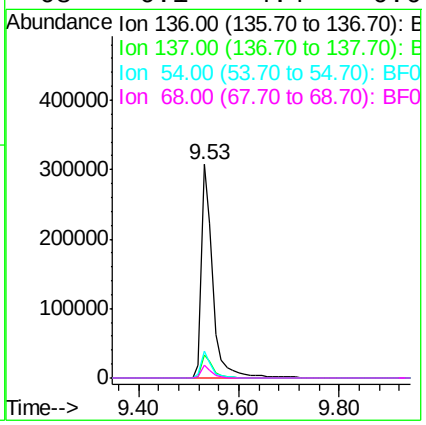


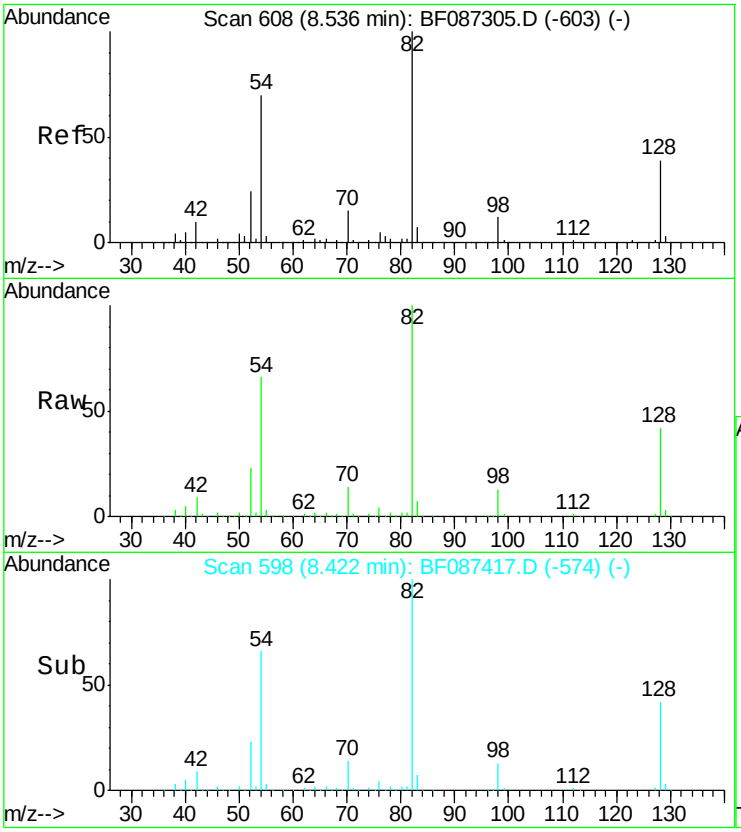


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Tgt Ion:136 Resp: 483991

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.6	5.0	7.4#
68	6.1	4.4	6.6



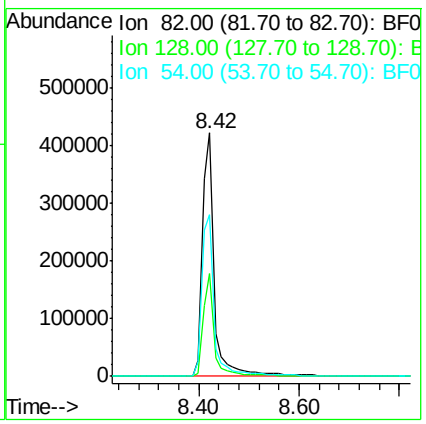


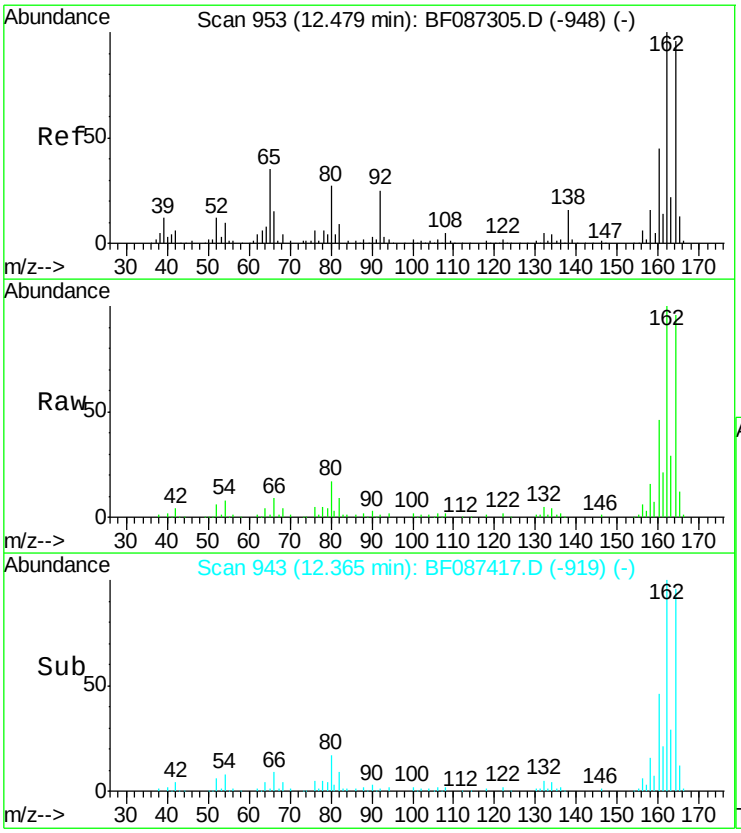
#23
Nitrobenzene-d5
Concen: 72.41 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB90866BL

Tgt Ion: 82 Resp: 695380

Ion	Ratio	Lower	Upper
82	100		
128	42.2	40.6	61.0
54	66.3	38.1	57.1#

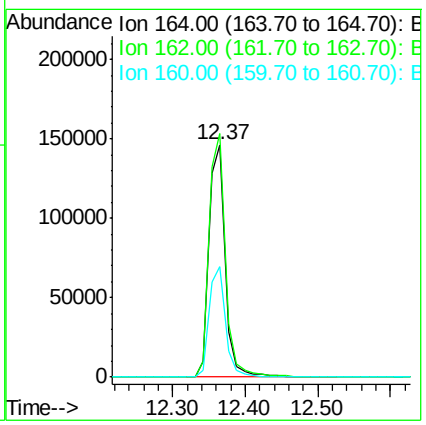


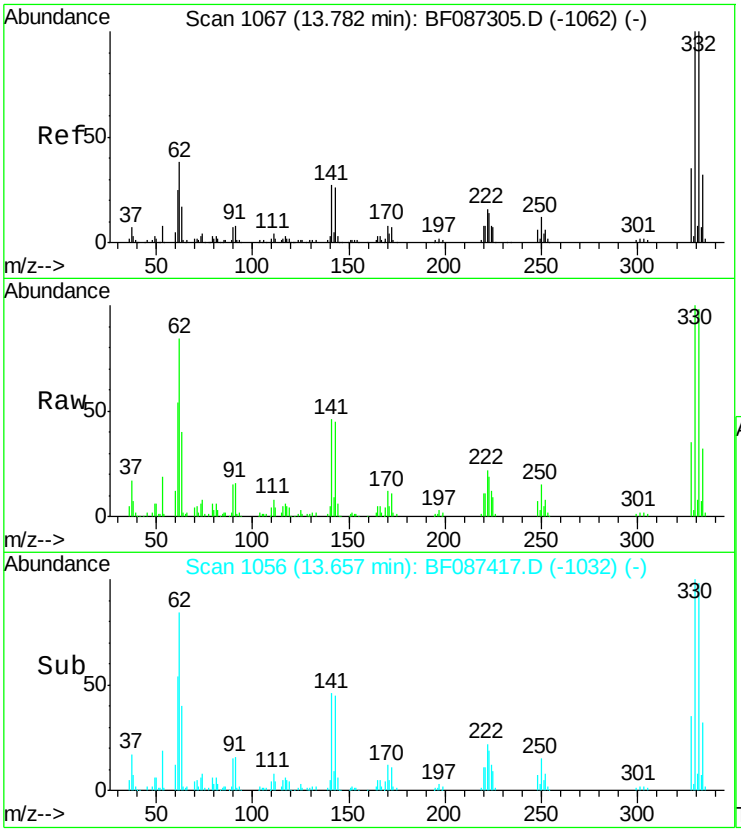


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Tgt Ion:164 Resp: 227624

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.8	124.2
160	47.7	36.9	55.3



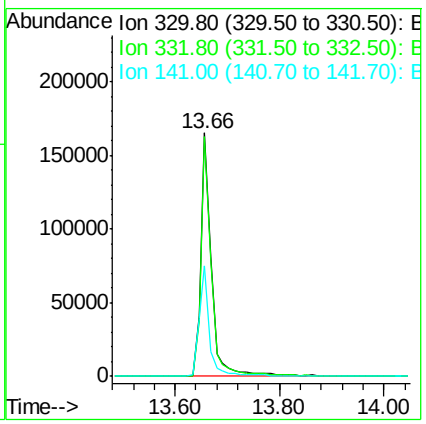


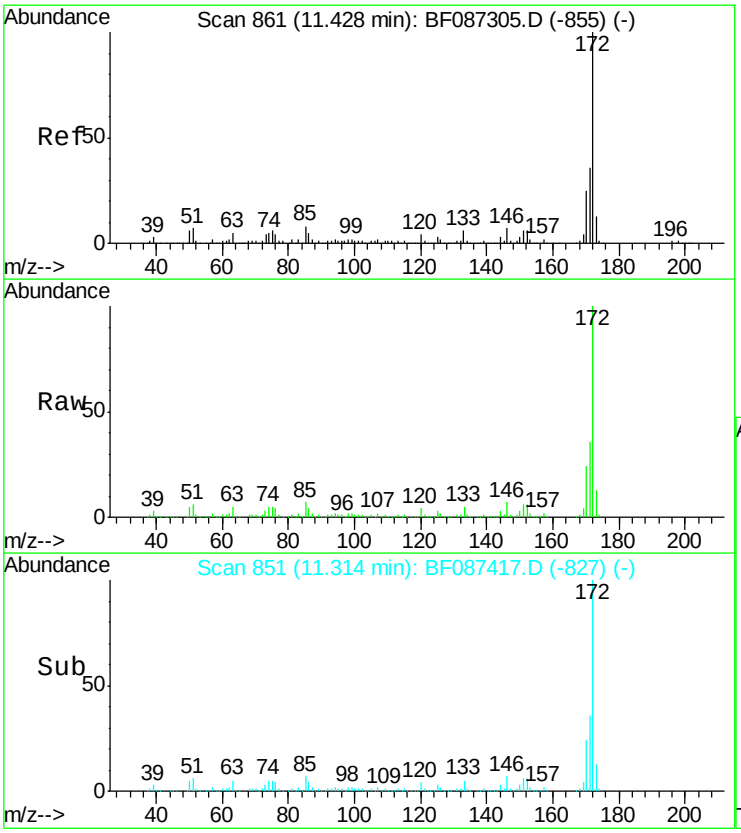
#41
2,4,6-Tribromophenol
Concen: 107.47 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB90866BL

Tgt Ion:330 Resp: 235081

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	45.0	31.2	46.8

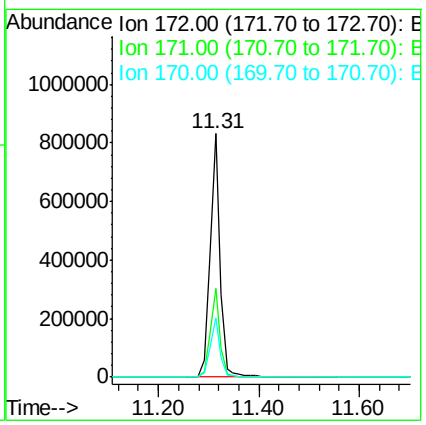


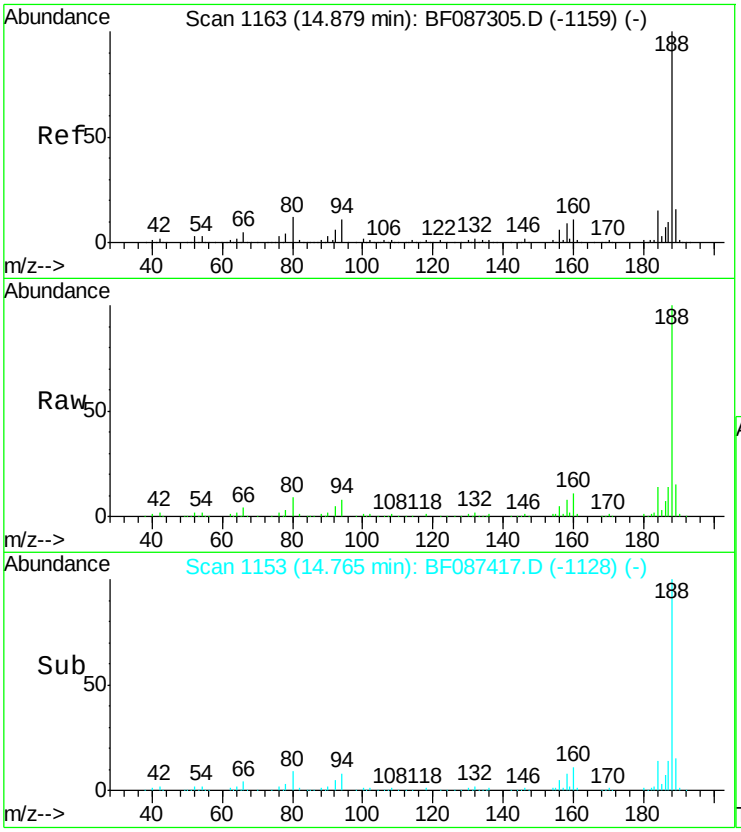


#44
2-Fluorobiphenyl
Concen: 70.12 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Tgt Ion:172 Resp: 1132234

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.2	19.8	29.8



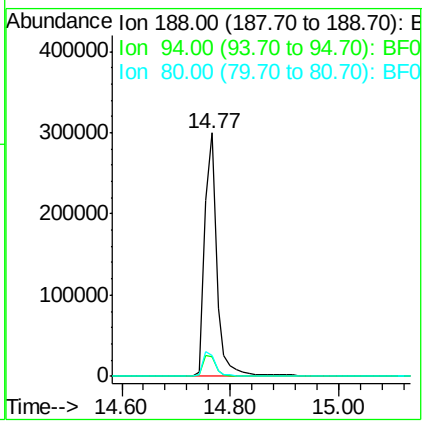


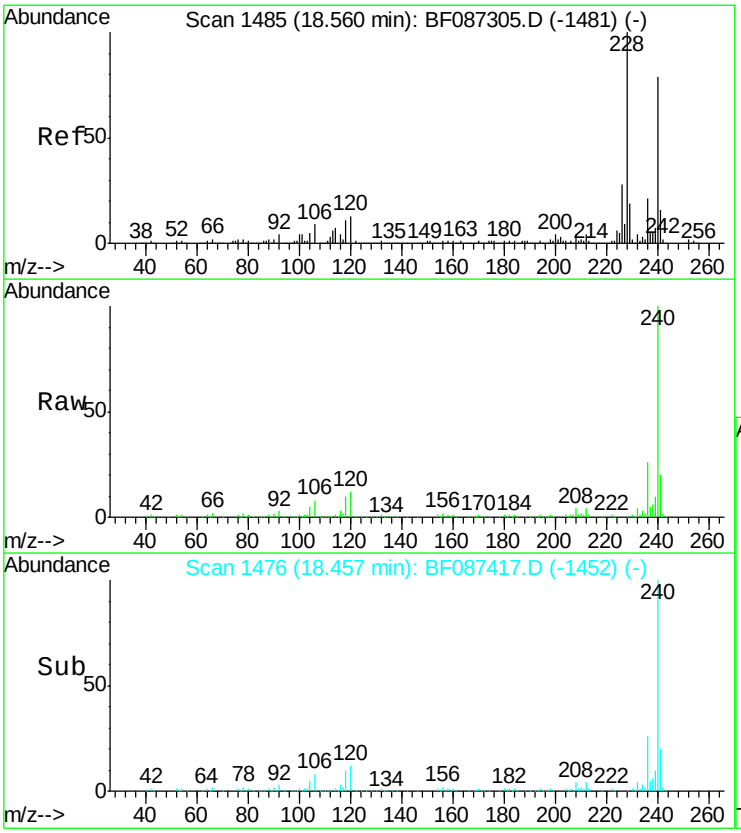
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB90866BL

Tgt Ion:188 Resp: 467259

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	8.8	7.1	10.7

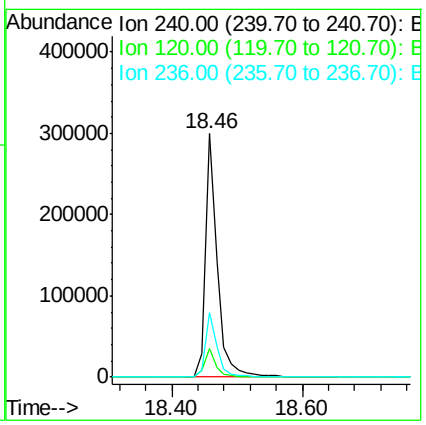


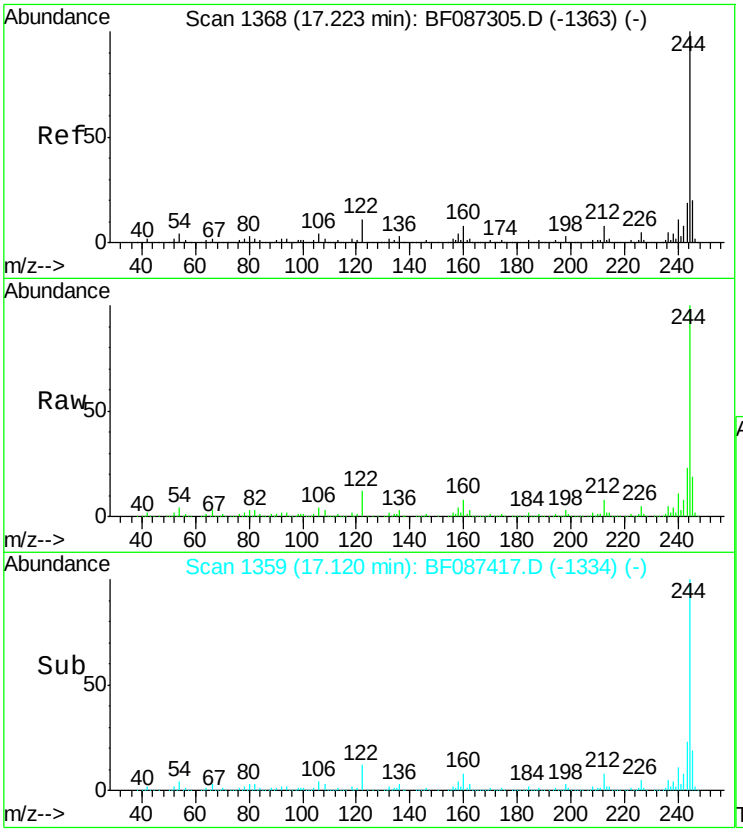


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Tgt Ion:240 Resp: 377299

Ion	Ratio	Lower	Upper
240	100		
120	11.6	11.2	16.8
236	26.5	21.2	31.8



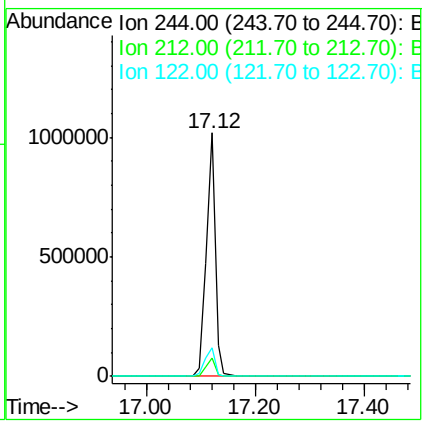


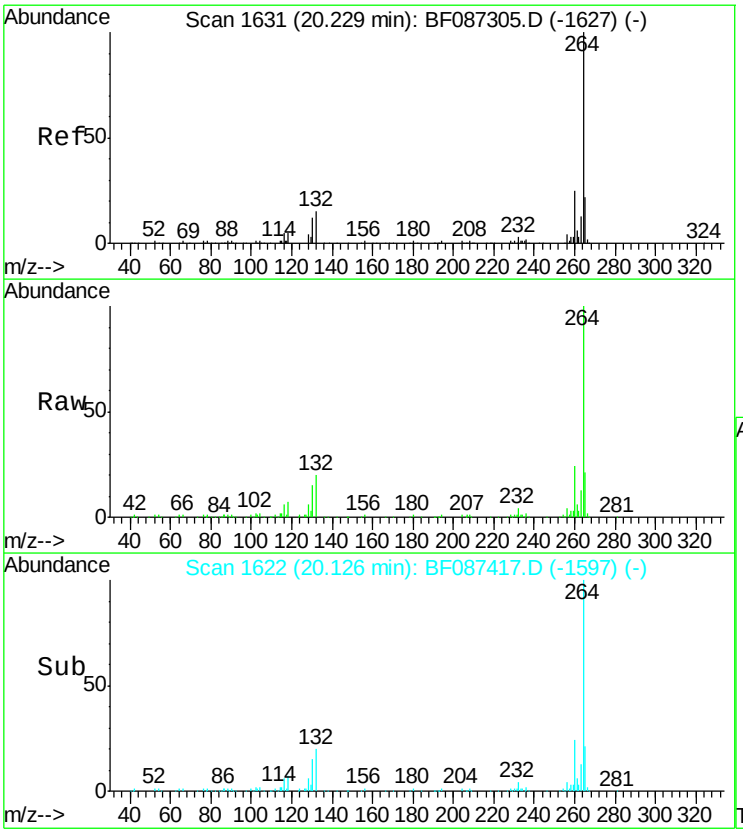
#78
Terphenyl-d14
Concen: 65.58 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB90866BL

Tgt Ion:244 Resp: 1163847

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.6	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.13 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF087417.D
Acq: 26 May 2016 20:08

Tgt Ion:264 Resp: 262300

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	17.3	25.9