Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087517.D
Acq On : 29 May 2016 12:50
Operator : UM/SJ
Sample : H3222-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-36

Quant Time: May 30 05:00:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 04:10:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	104189	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	412699	20.00	ng	-0.01
38) Acenaphthene-d10	12.33	164	238771	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	351612	20.00	ng	0.01
75) Chrysene-d12	18.43	240	260323	20.00	ng	0.00
86) Perylene-d12	20.11	264	205566	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	400697	67.58	ng	0.02
7) Phenol-d6	7.05	99	442870	55.28	ng	0.01
23) Nitrobenzene-d5	8.39	82	592125	72.31	ng	-0.01
41) 2,4,6-Tribromophenol	13.66	330	210928	91.93	ng	0.02
44) 2-Fluorobiphenyl	11.28	172	951120	56.16	ng	-0.01
78) Terphenyl-d14	17.09	244	747203	61.02	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.54	128	51992	2.51	ng	# 85
49) Dimethylphthalate	12.00	163	62595	3.27	ng	# 68
59) Diethylphthalate	13.15	149	68724	3.70	ng	# 87

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

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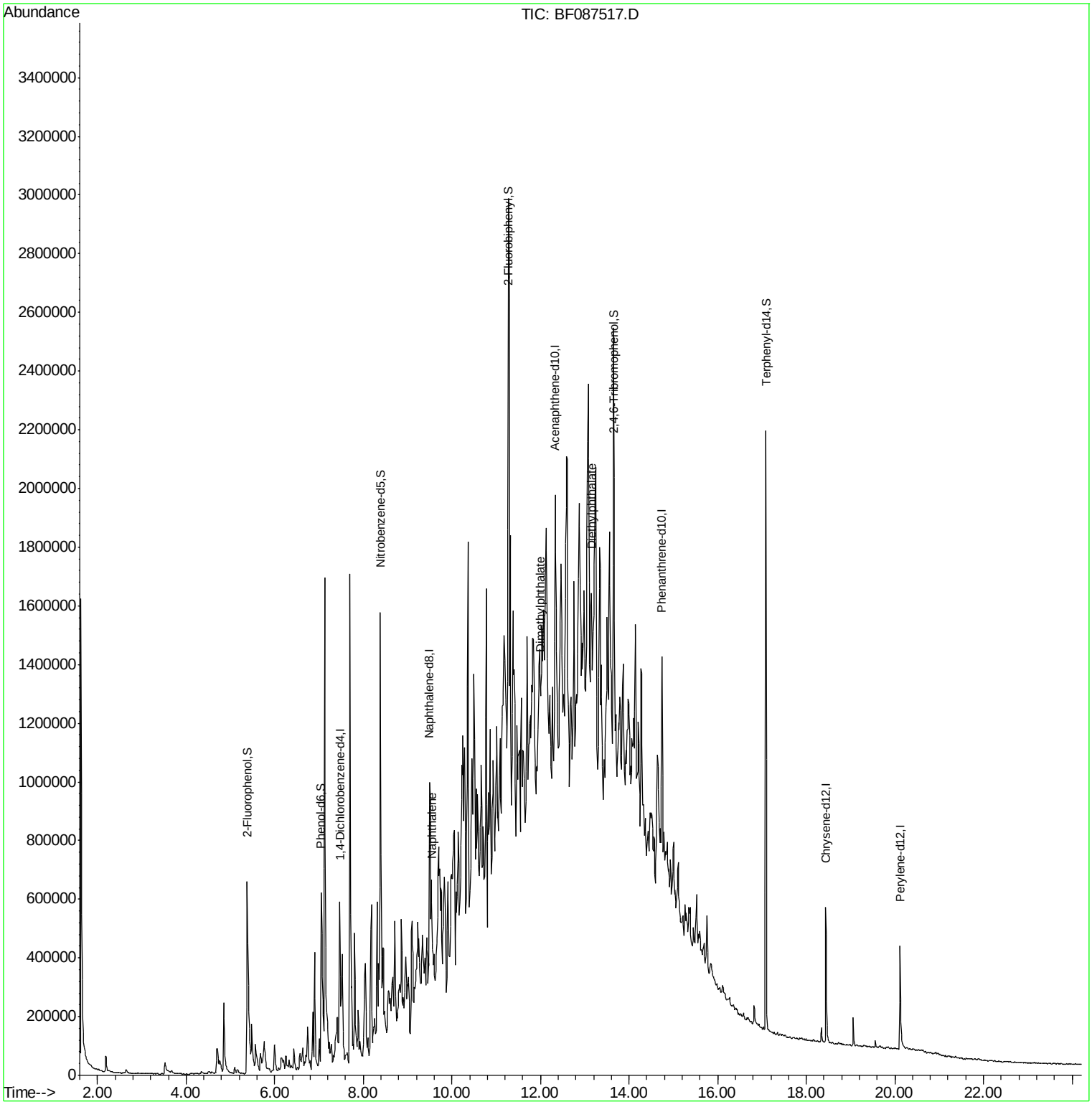
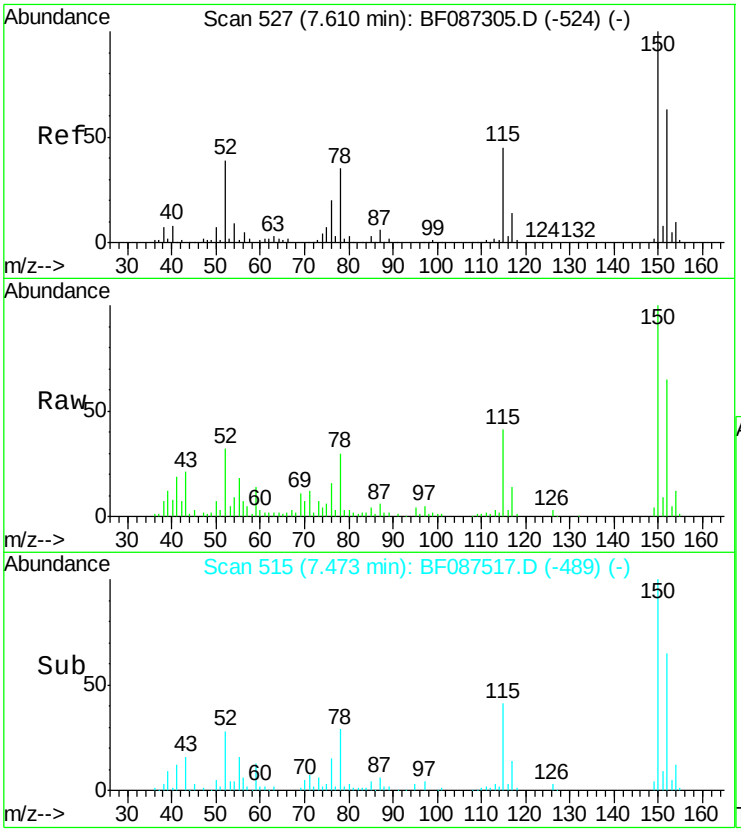


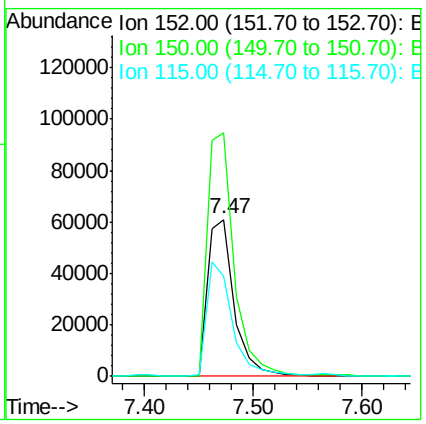


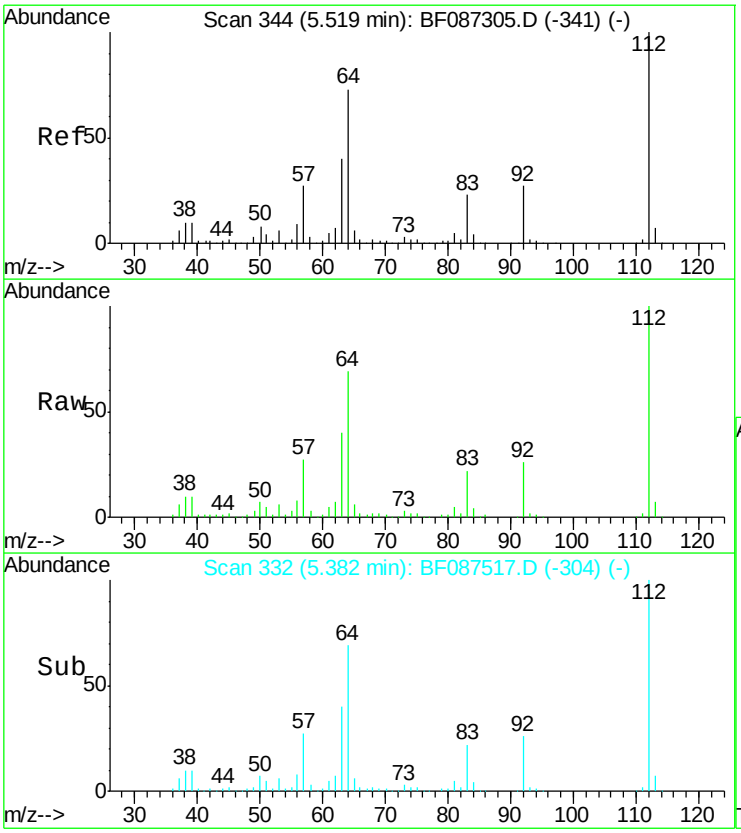
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Instrument :
BNA_F
ClientSampleId :
MW-36

Tgt Ion:152 Resp: 104189

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.8	188.6
115	63.5	51.5	77.3

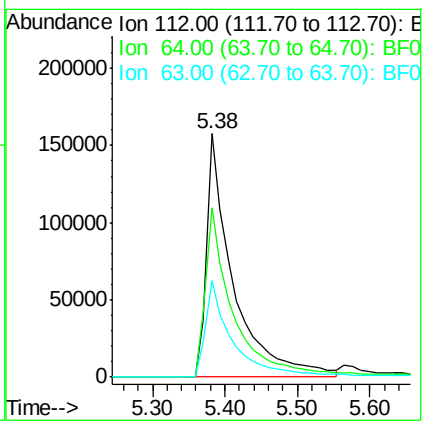


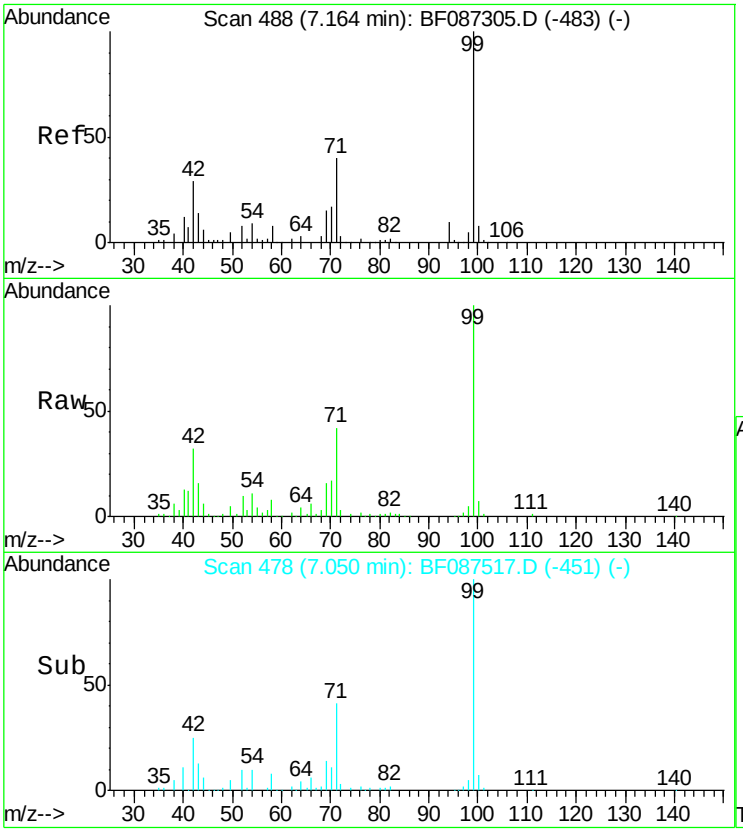


#5
2-Fluorophenol
Concen: 67.58 ng
RT: 5.38 min Scan# 332
Delta R.T. 0.02 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Tgt Ion:112 Resp: 400697

Ion	Ratio	Lower	Upper
112	100		
64	69.4	52.1	78.1
63	39.7	25.7	38.5#



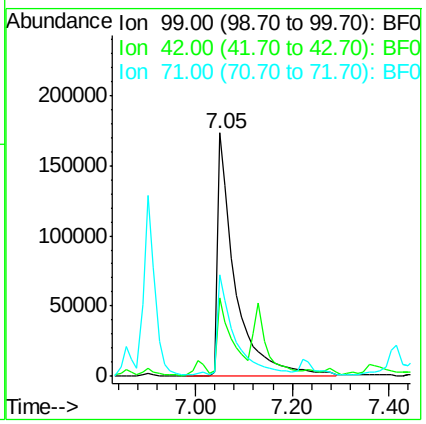


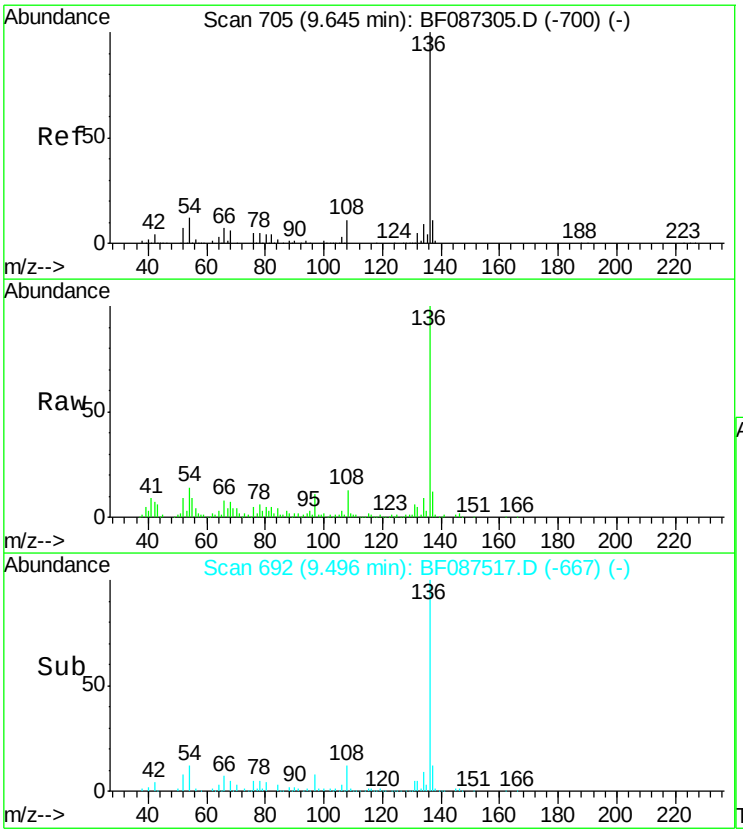
#7
Phenol-d6
Concen: 55.28 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.01 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Instrument :
BNA_F
ClientSampleId :
MW-36

Tgt Ion: 99 Resp: 442870

Ion	Ratio	Lower	Upper
99	100		
42	32.0	13.6	20.4#
71	41.9	24.6	36.8#

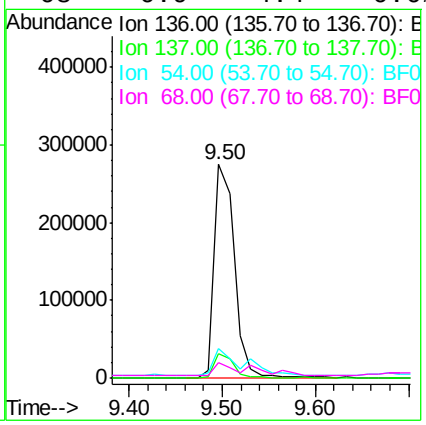


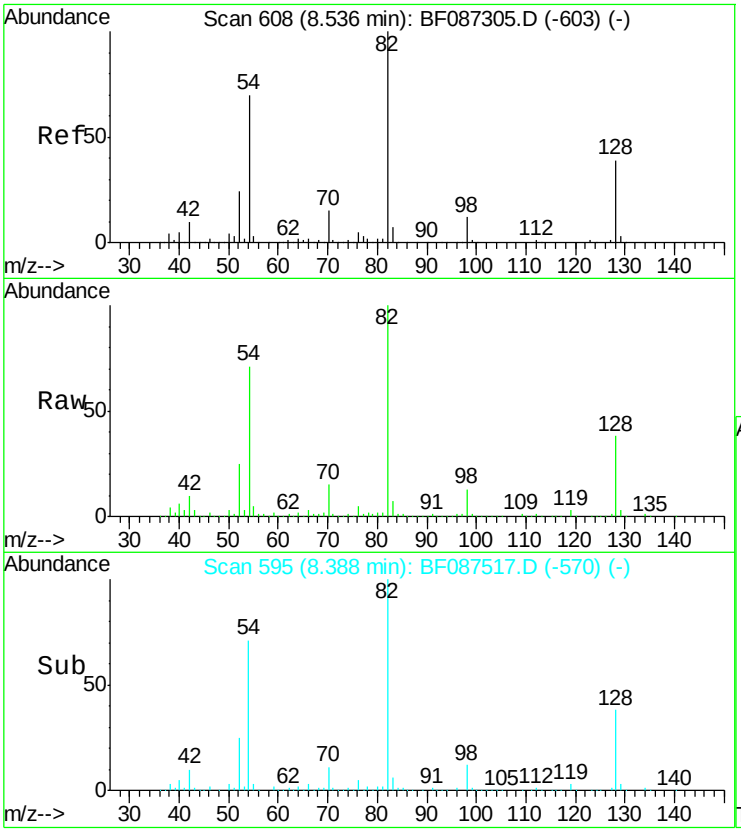


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Tgt Ion:136 Resp: 412699

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	14.1	5.0	7.4#
68	6.9	4.4	6.6#



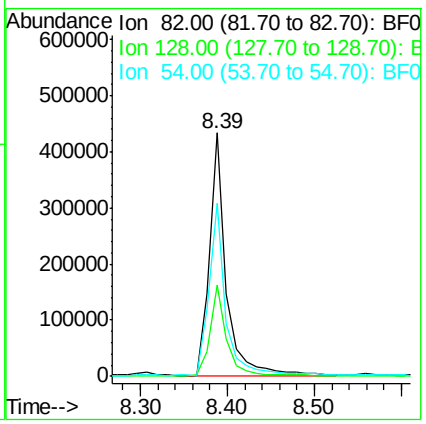


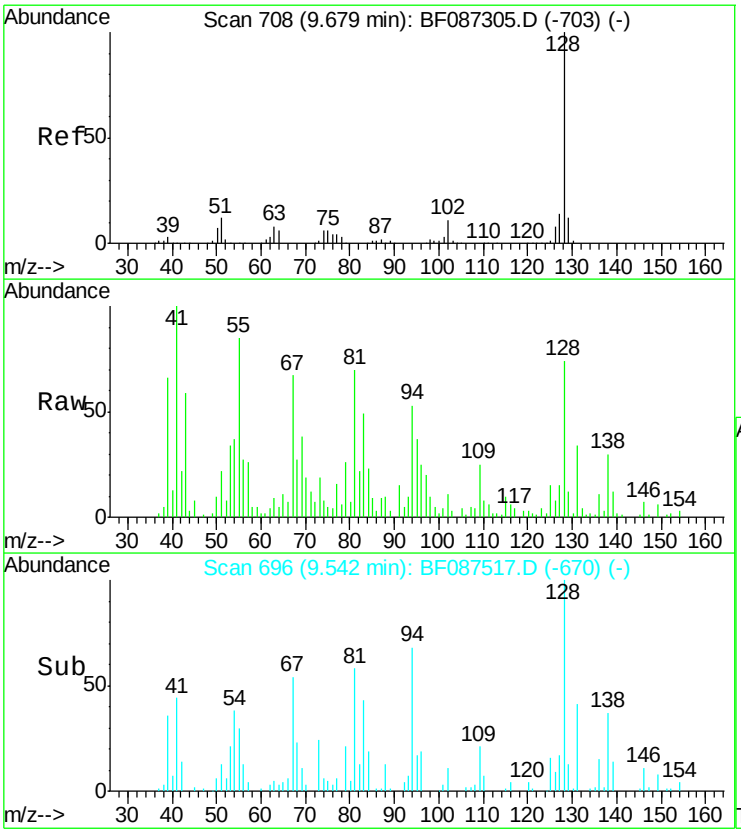
#23
Nitrobenzene-d5
Concen: 72.31 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Instrument :
BNA_F
ClientSampleId :
MW-36

Tgt Ion: 82 Resp: 592125

Ion	Ratio	Lower	Upper
82	100		
128	37.7	40.6	61.0#
54	71.2	38.1	57.1#

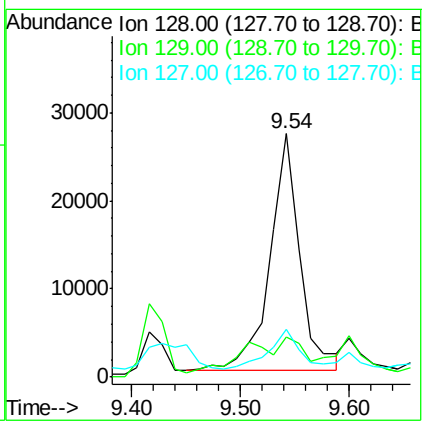


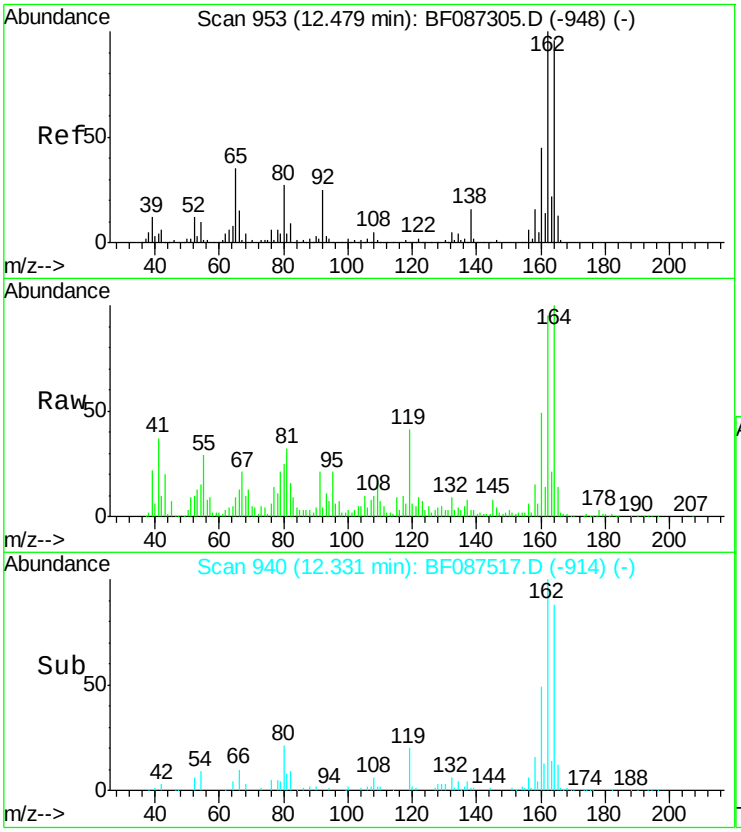


#31
Naphthalene
Concen: 2.51 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Tgt Ion:128 Resp: 51992

Ion	Ratio	Lower	Upper
128	100		
129	16.7	8.6	13.0#
127	19.5	10.8	16.2#



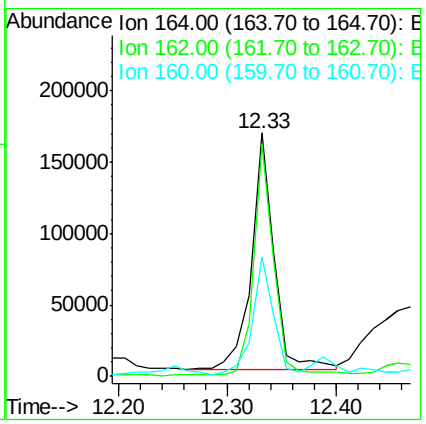


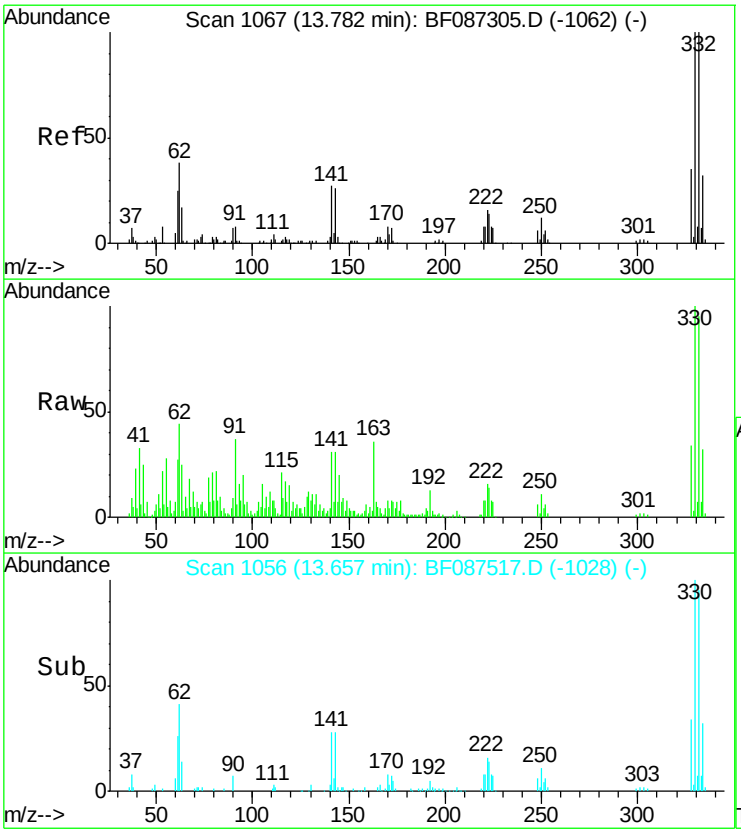
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Instrument :
BNA_F
ClientSampleId :
MW-36

Tgt Ion:164 Resp: 238771

Ion	Ratio	Lower	Upper
164	100		
162	95.1	82.8	124.2
160	49.2	36.9	55.3

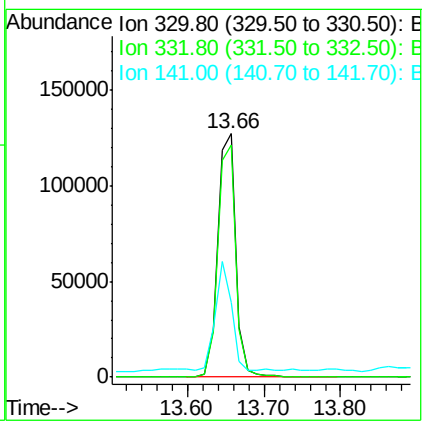


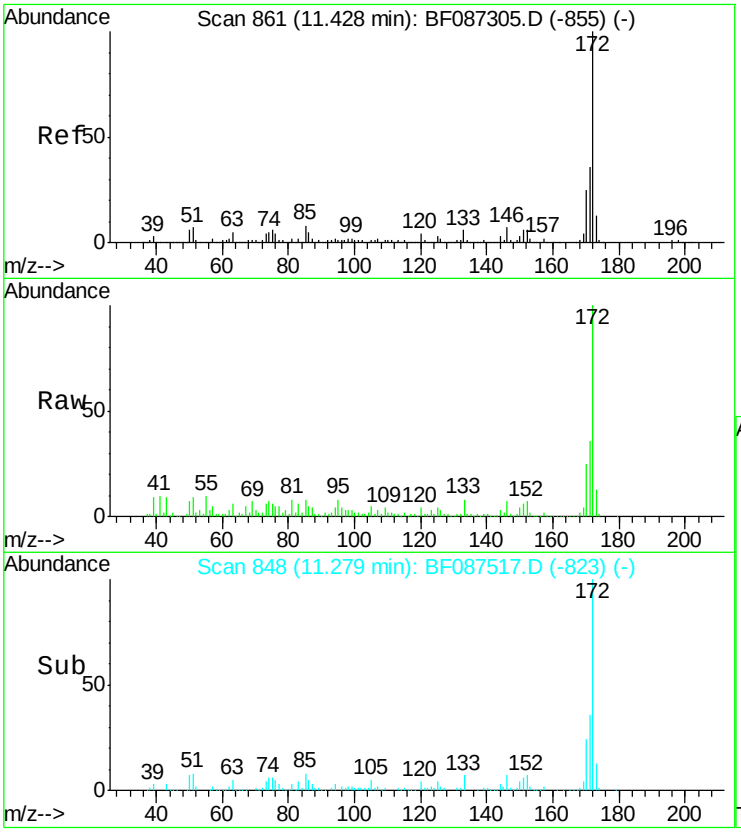


#41
2,4,6-Tribromophenol
Concen: 91.93 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.02 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Tgt Ion:330 Resp: 210928

Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.0	118.4
141	39.9	31.2	46.8



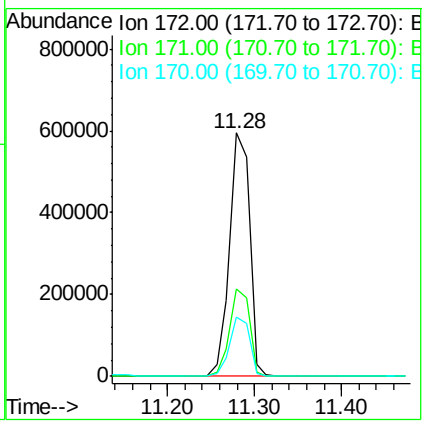


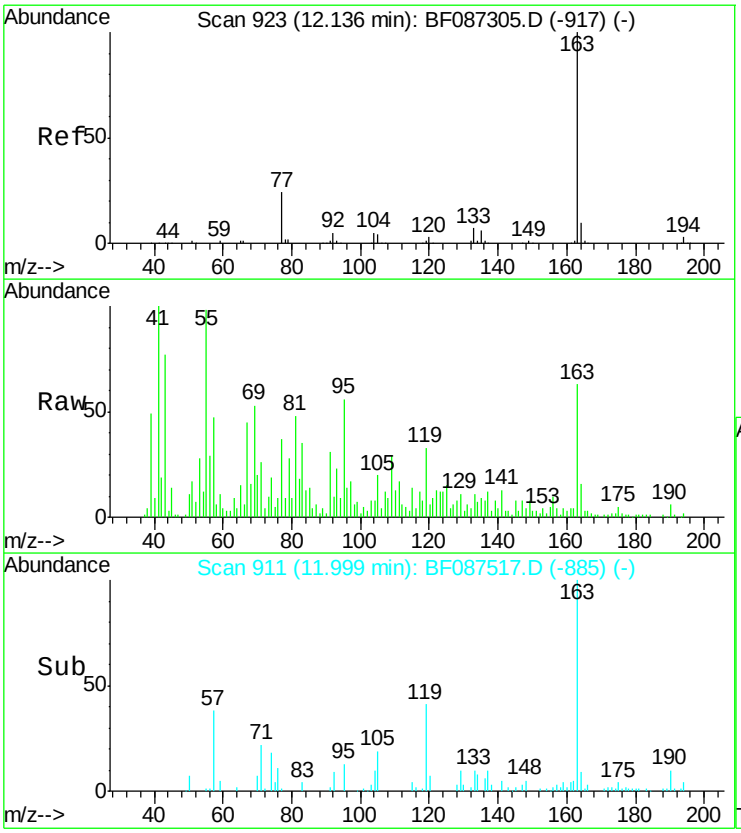
#44
2-Fluorobiphenyl
Concen: 56.16 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Instrument :
BNA_F
ClientSampleId :
MW-36

Tgt Ion:172 Resp: 951120

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.5	19.8	29.8

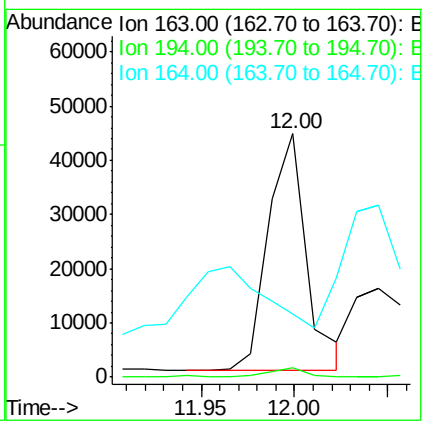


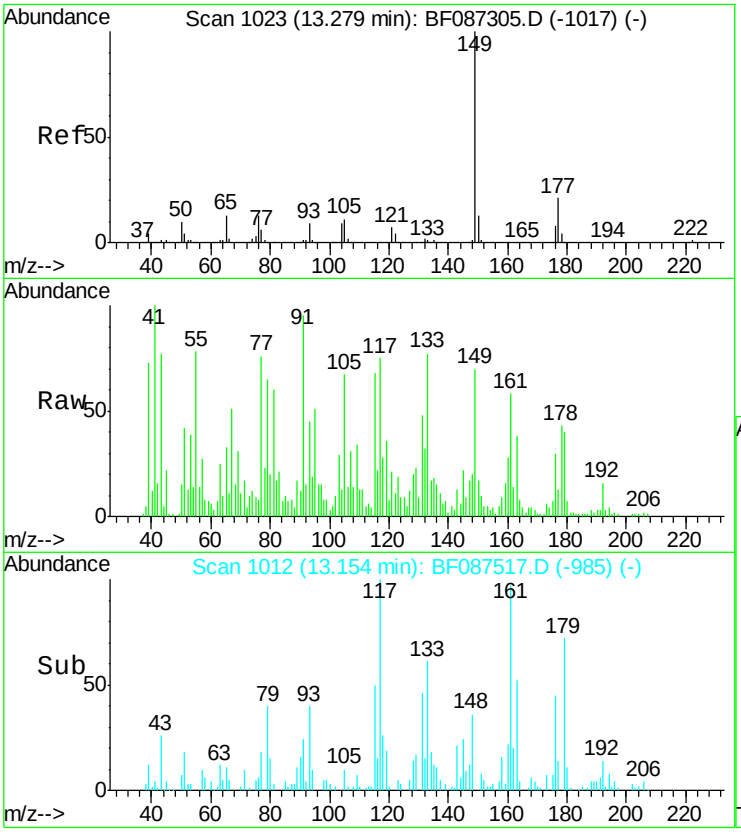


#49
Dimethylphthalate
Concen: 3.27 ng
RT: 12.00 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Tgt Ion:163 Resp: 62595

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	25.8	8.2	12.4#



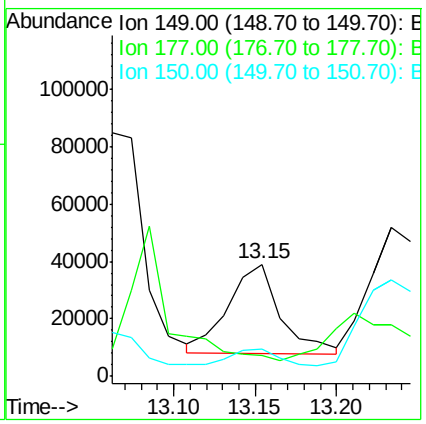


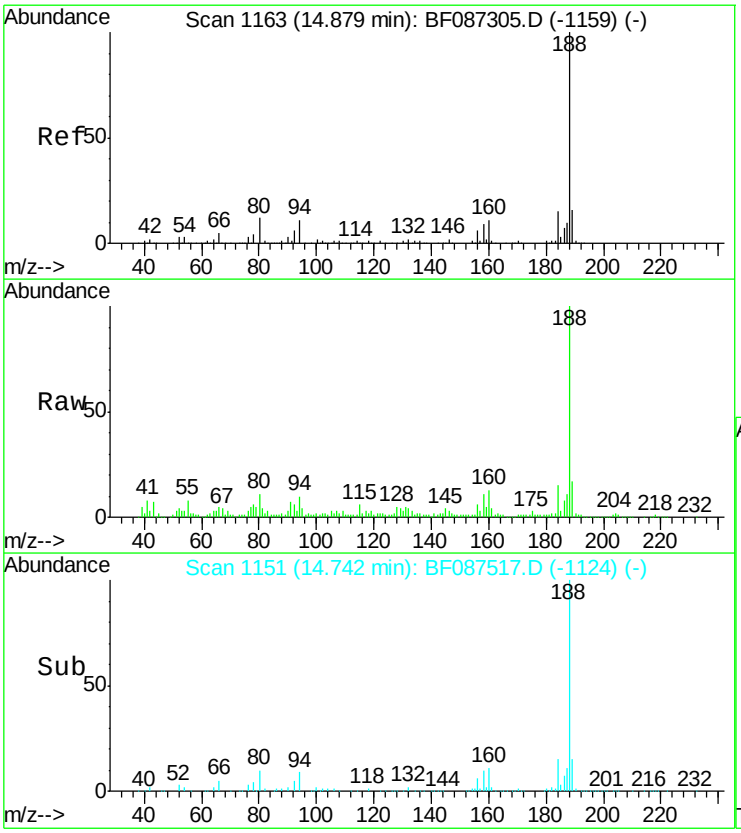
#59
Diethylphthalate
Concen: 3.70 ng
RT: 13.15 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Instrument :
BNA_F
ClientSampleId :
MW-36

Tgt Ion:149 Resp: 68724

Ion	Ratio	Lower	Upper
149	100		
177	18.9	16.6	24.8
150	24.1	10.0	15.0#

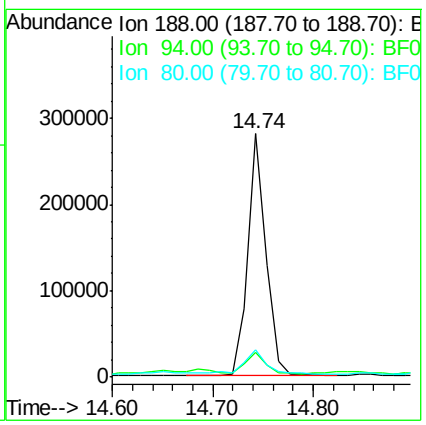


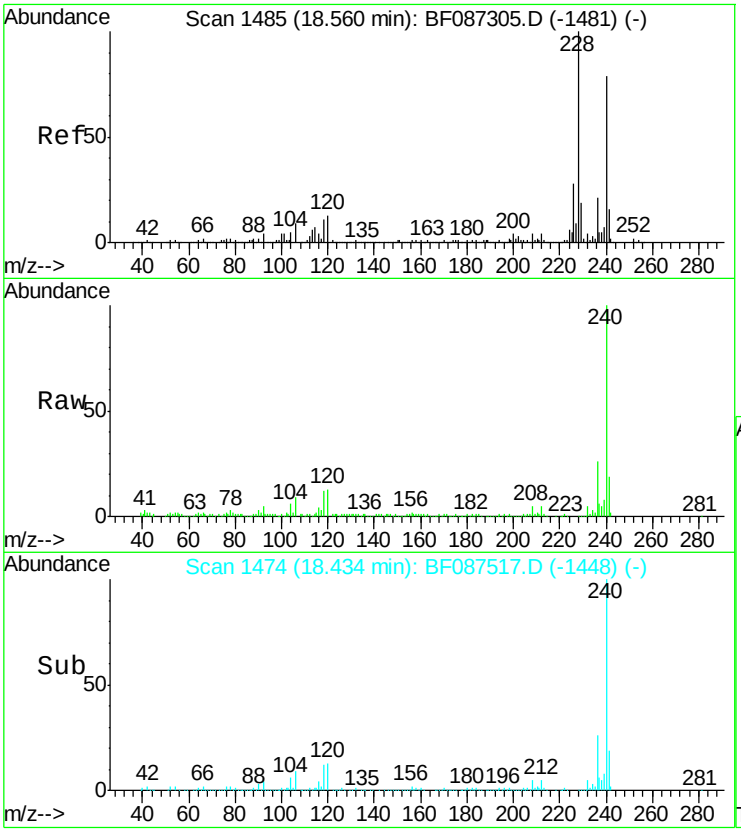


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Tgt Ion:188 Resp: 351612

Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.8	10.2#
80	11.3	7.1	10.7#



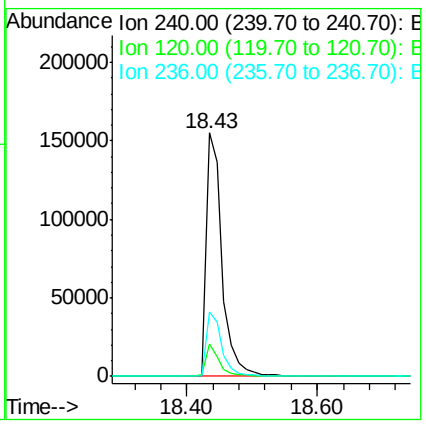


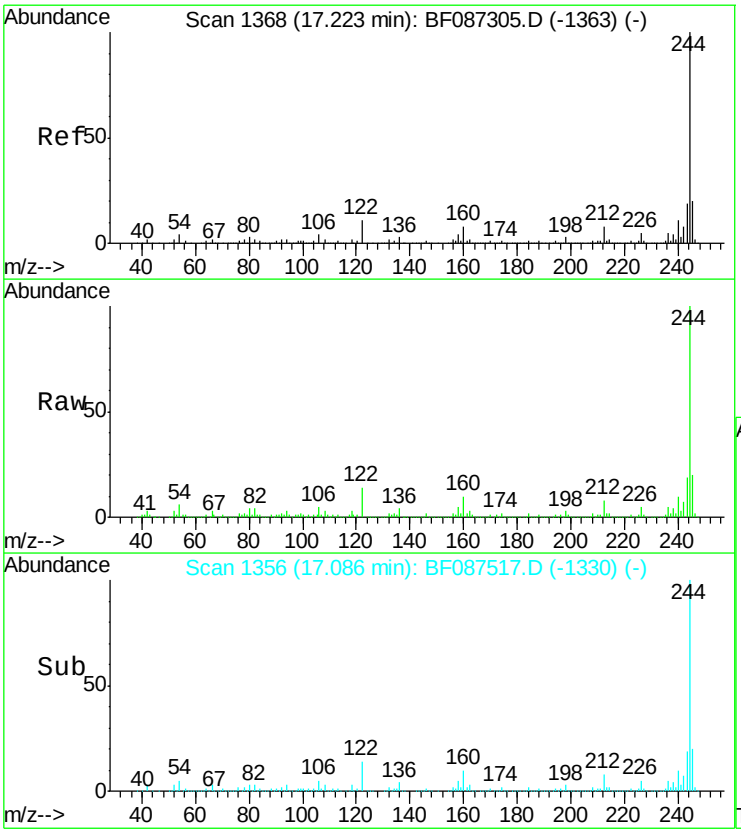
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Instrument :
BNA_F
ClientSampleId :
MW-36

Tgt Ion:240 Resp: 260323

Ion	Ratio	Lower	Upper
240	100		
120	13.4	11.2	16.8
236	26.2	21.2	31.8

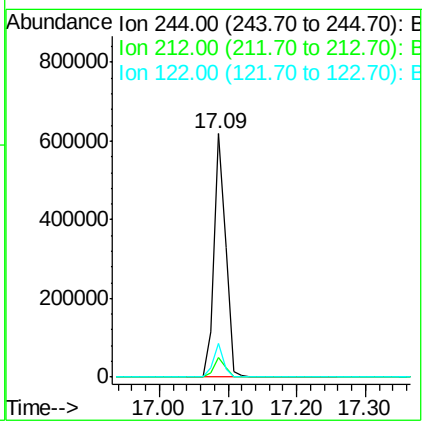


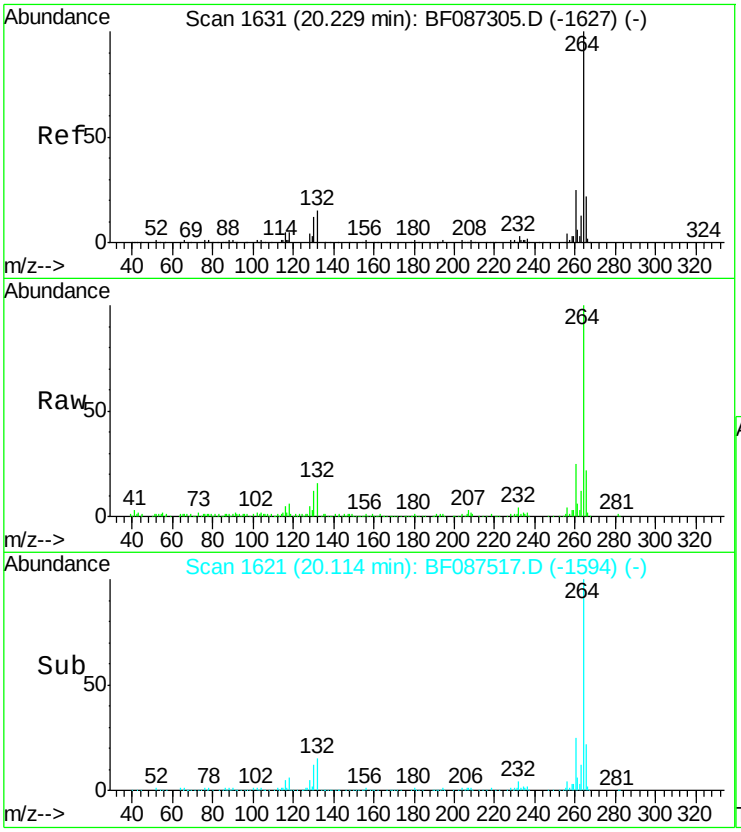


#78
Terphenyl-d14
Concen: 61.02 ng
RT: 17.09 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Tgt Ion:244 Resp: 747203

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	13.9	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BF087517.D
Acq: 29 May 2016 12:50

Instrument :
BNA_F
ClientSampleId :
MW-36

Tgt Ion:264 Resp: 205566

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.7	17.3	25.9