Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087474.D
Acq On : 28 May 2016 8:54
Operator : UM/SJ
Sample : H3258-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1

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Quant Time: May 30 01:17:16 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 00:59:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	128014	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	512898	20.00	ng	-0.01
38) Acenaphthene-d10	12.34	164	218129	20.00	ng	-0.01
63) Phenanthrene-d10	14.74	188	338153	20.00	ng	-0.01
75) Chrysene-d12	18.45	240	246089	20.00	ng	-0.01
86) Perylene-d12	20.11	264	187682	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	864735	118.70	ng	0.01
7) Phenol-d6	7.04	99	1172259	119.08	ng	-0.01
23) Nitrobenzene-d5	8.40	82	753176	74.01	ng	-0.02
41) 2,4,6-Tribromophenol	13.65	330	211977	101.13	ng	0.00
44) 2-Fluorobiphenyl	11.29	172	1190858	76.97	ng	-0.01
78) Terphenyl-d14	17.10	244	729256	63.00	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.99	163	221427	12.67	ng	99
59) Diethylphthalate	13.13	149	35623	2.10	ng	98
70) Phenanthrene	14.78	178	57050	3.05	ng	99
74) Fluoranthene	16.55	202	70907	3.78	ng	93
77) Pyrene	16.85	202	62990	3.56	ng	96
80) Benzo(a)anthracene	18.42	228	34485m	2.46	ng	
82) Chrysene	18.47	228	31715	2.28	ng	98
87) Benzo(b)fluoranthene	19.71	252	31459m	2.63	ng	

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

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Instrument :
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ClientSampleId :
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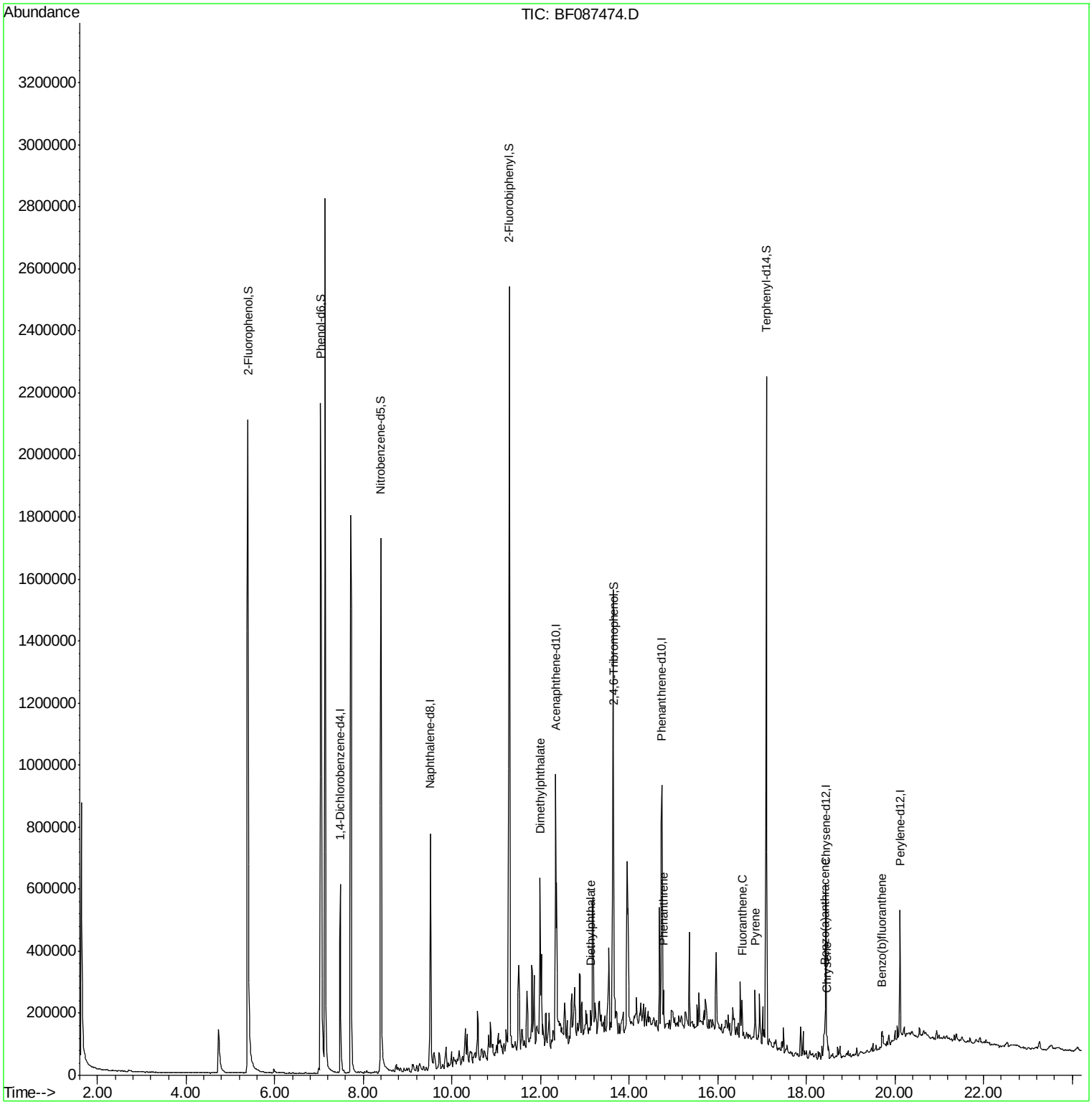
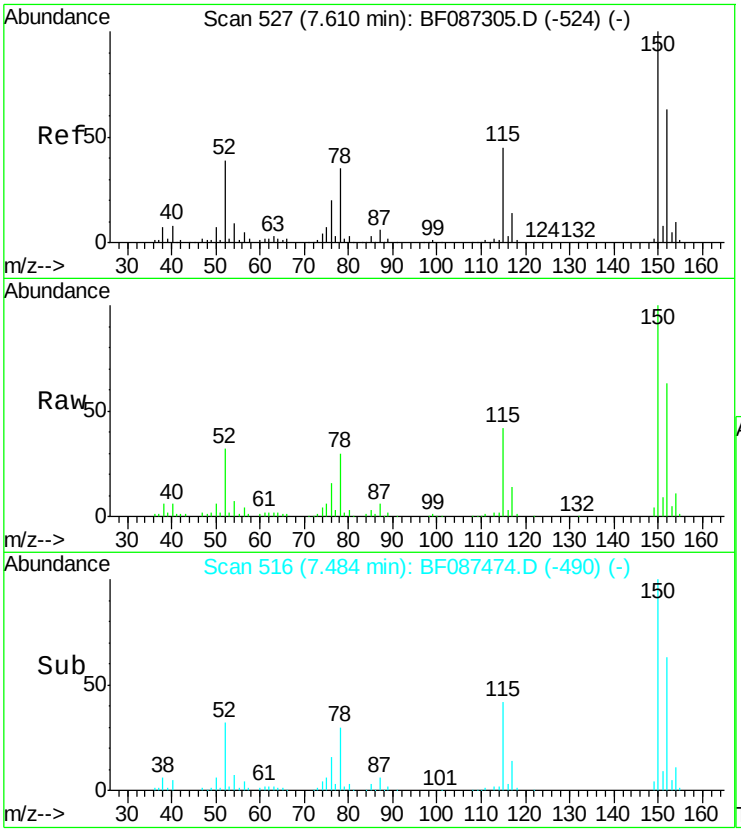
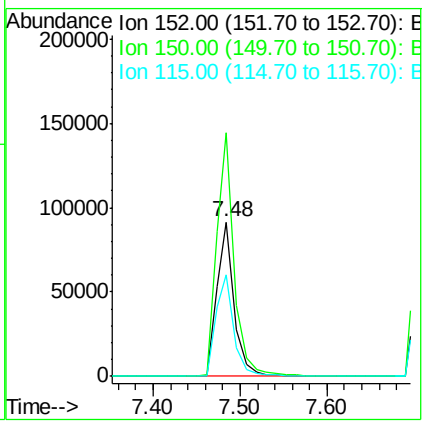




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:152 Resp: 128014

Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.8	188.6
115	66.2	51.5	77.3



Instrument :
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ClientSampleId :
B-1

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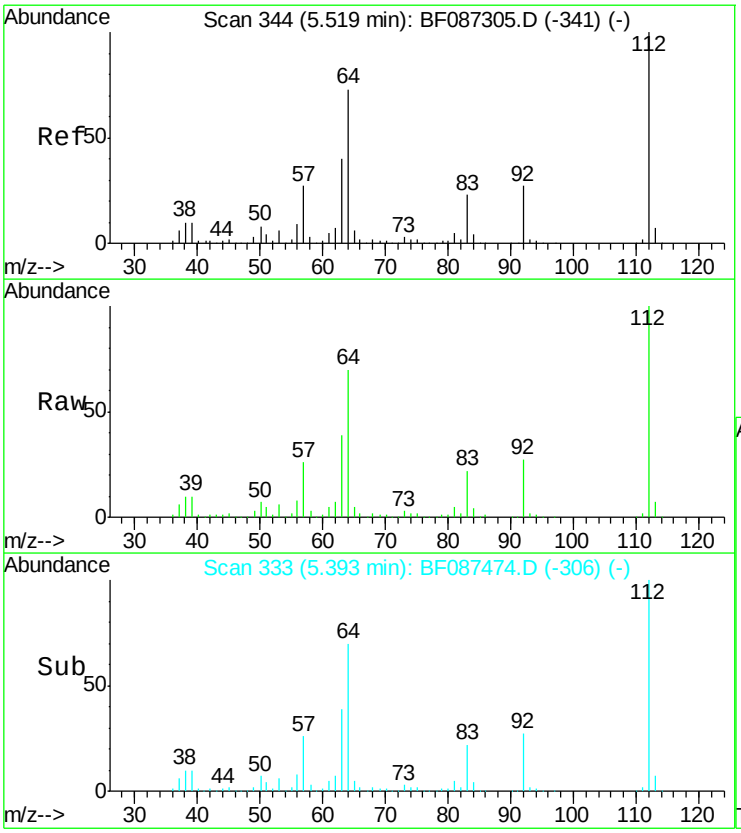
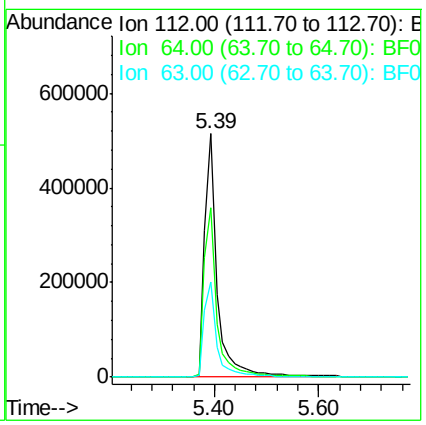
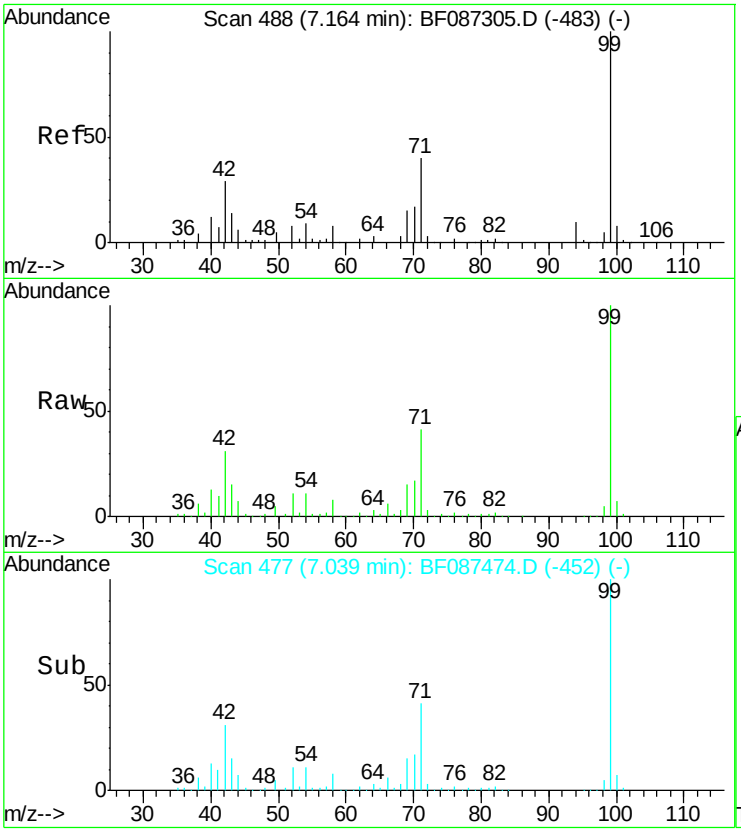


#5
2-Fluorophenol
Concen: 118.70 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:112 Resp: 864735

Ion	Ratio	Lower	Upper
112	100		
64	69.7	52.1	78.1
63	39.1	25.7	38.5#

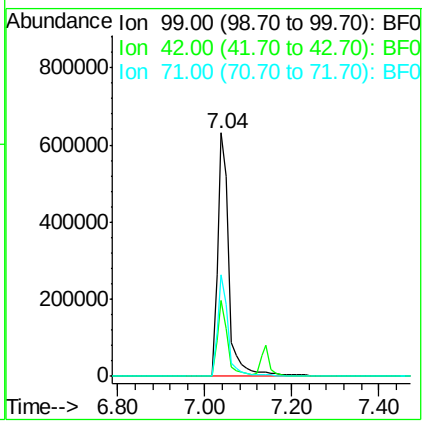




#7
Phenol-d6
Concen: 119.08 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion: 99 Resp: 1172259

Ion	Ratio	Lower	Upper
99	100		
42	31.2	13.6	20.4#
71	41.5	24.6	36.8#



Instrument :
BNA_F
ClientSampleId :
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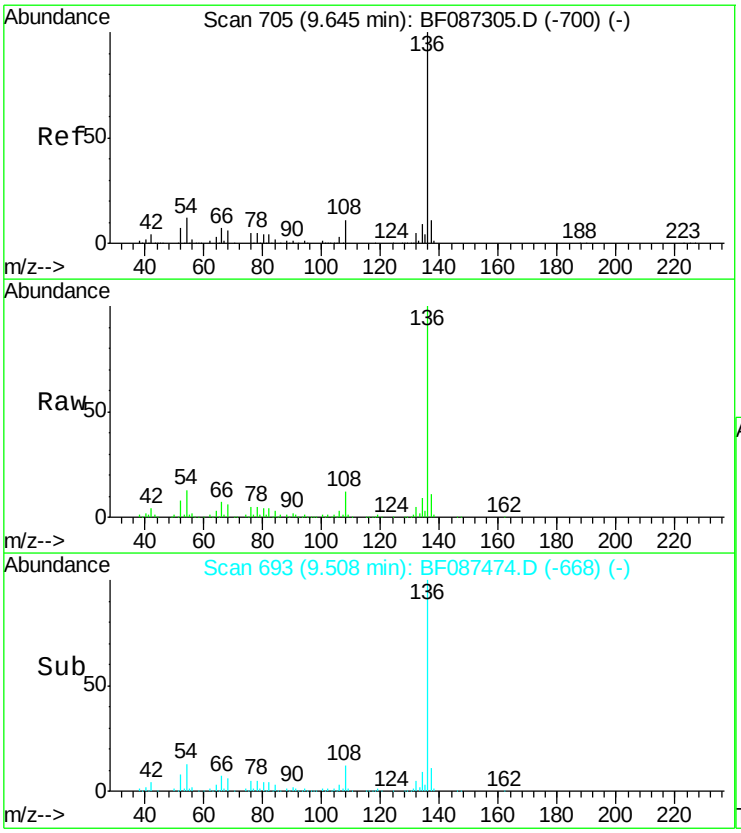
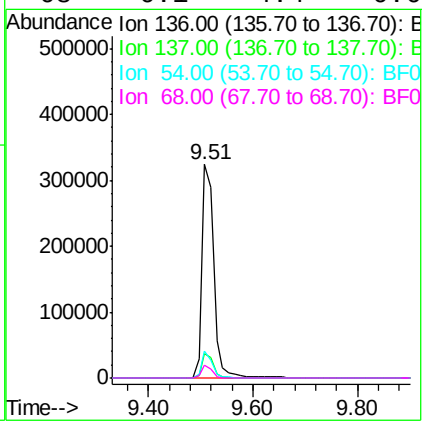
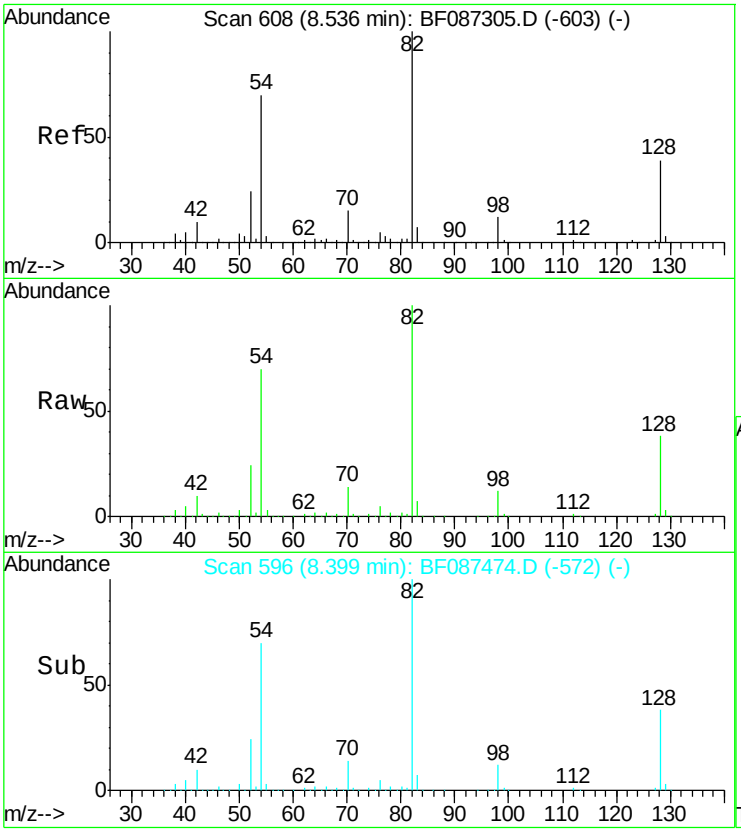


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:136 Resp: 512898

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	12.9	5.0	7.4#
68	6.1	4.4	6.6

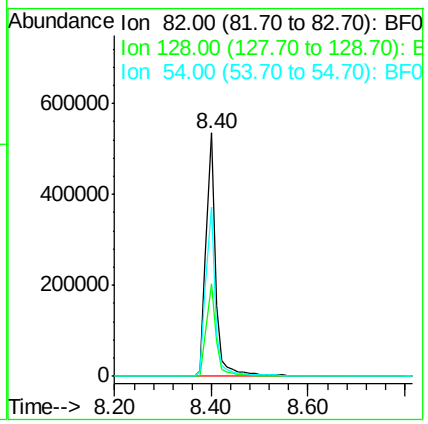




#23
Nitrobenzene-d5
Concen: 74.01 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion: 82 Resp: 753176

Ion	Ratio	Lower	Upper
82	100		
128	38.1	40.6	61.0#
54	69.7	38.1	57.1#



Instrument :
BNA_F
ClientSampleId :
B-1

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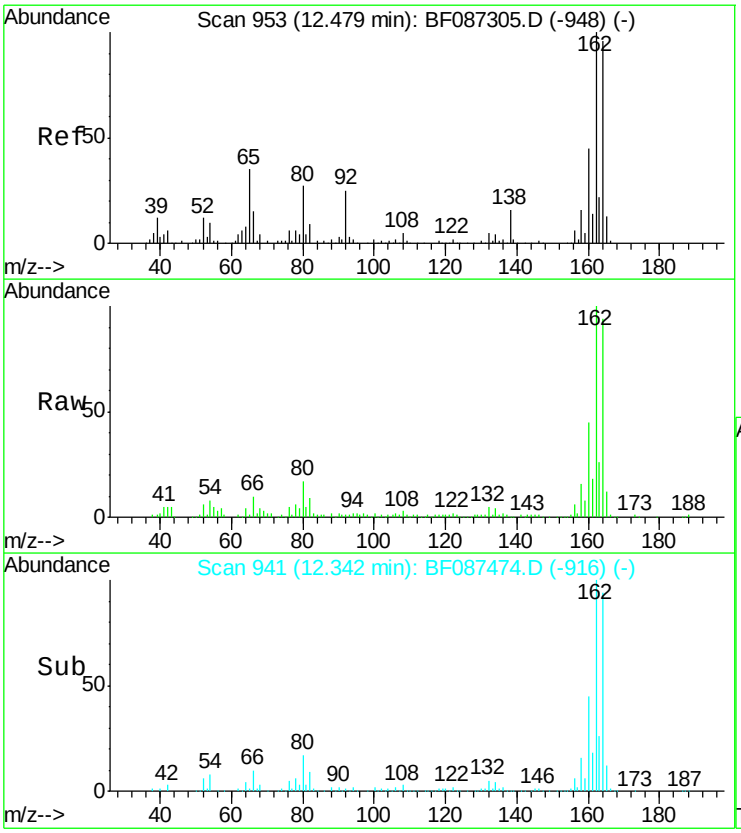
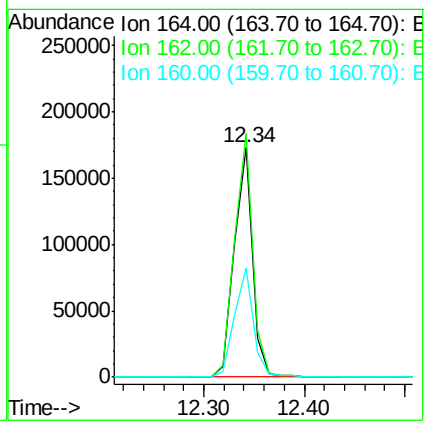
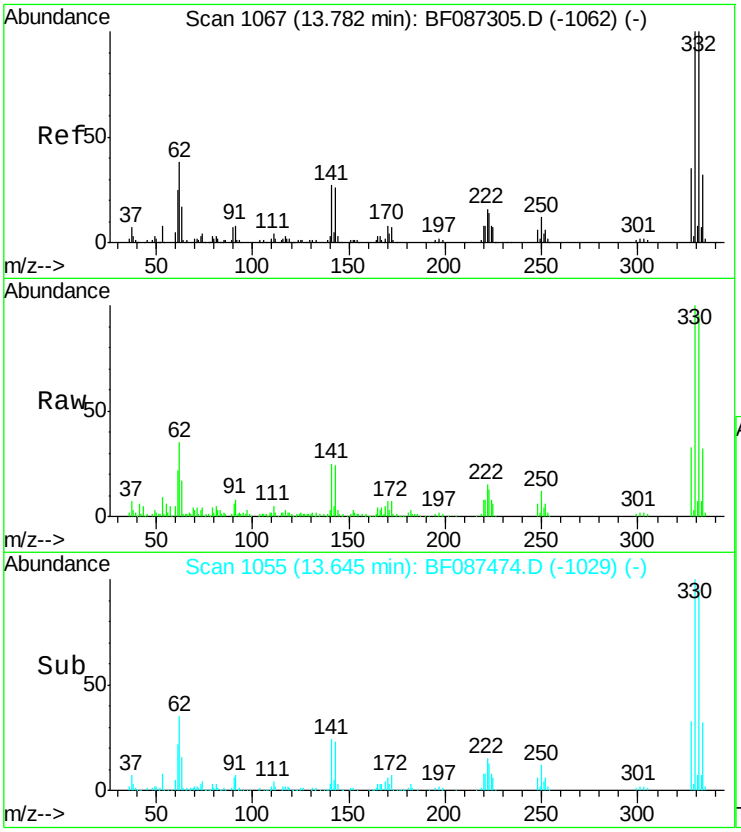


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:164 Resp: 218129

Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.8	124.2
160	47.9	36.9	55.3

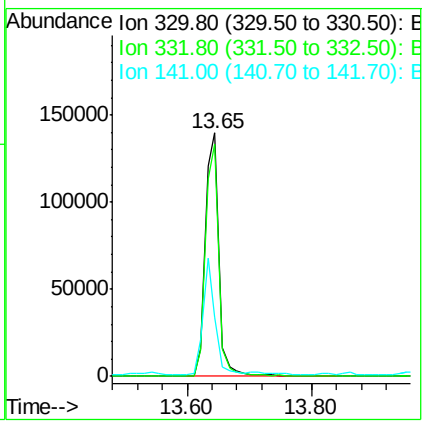




#41
2,4,6-Tribromophenol
Concen: 101.13 ng
RT: 13.65 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:330 Resp: 211977

Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.0	118.4
141	41.2	31.2	46.8



Instrument :
BNA_F
ClientSampleId :
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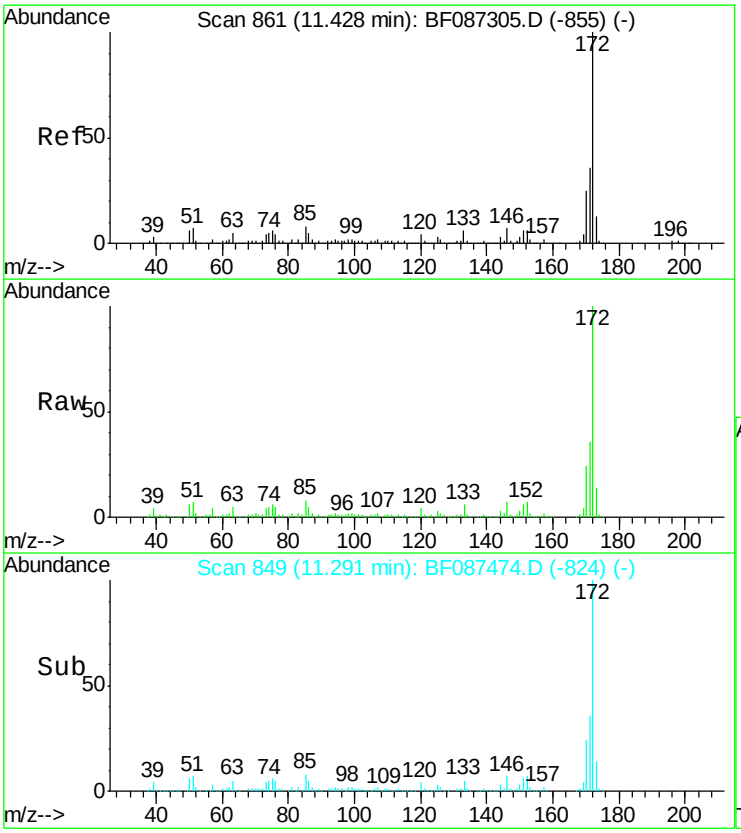
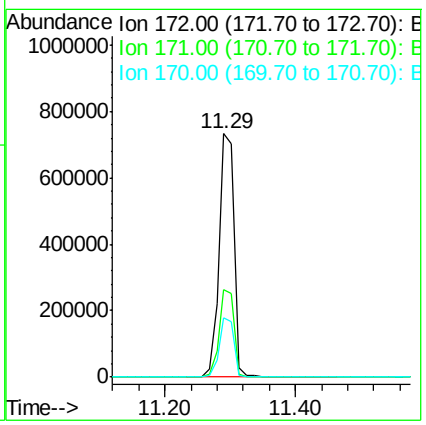
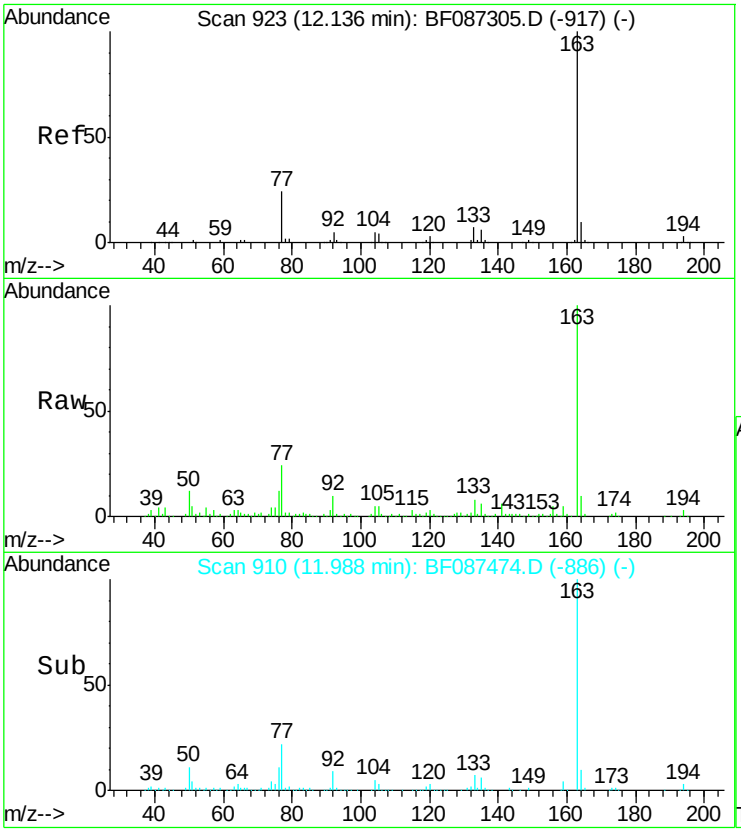


#44
2-Fluorobiphenyl
Concen: 76.97 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:172 Resp: 1190858

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.2	19.8	29.8

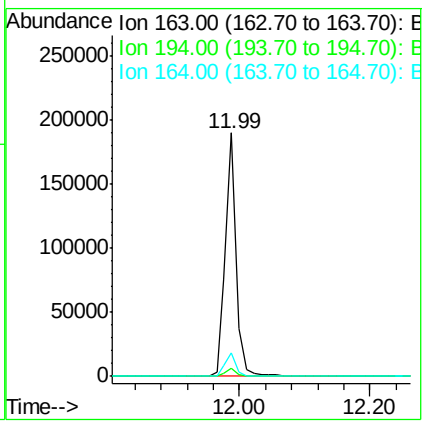




#49
Dimethylphthalate
Concen: 12.67 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:163 Resp: 221427

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.8	8.2	12.4



Instrument :
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ClientSampleId :
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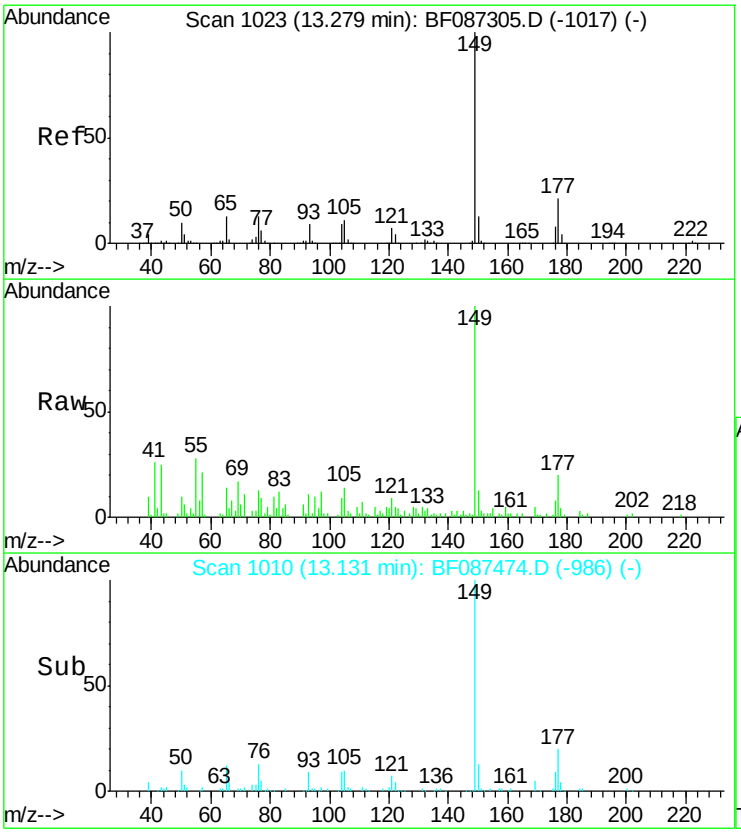
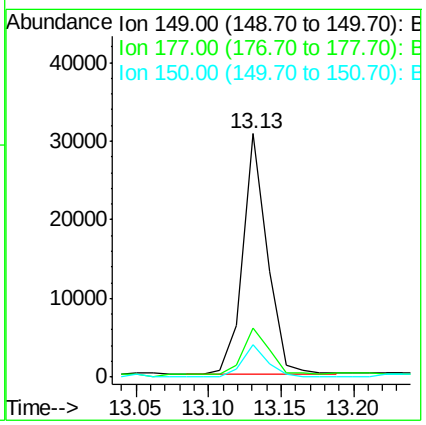
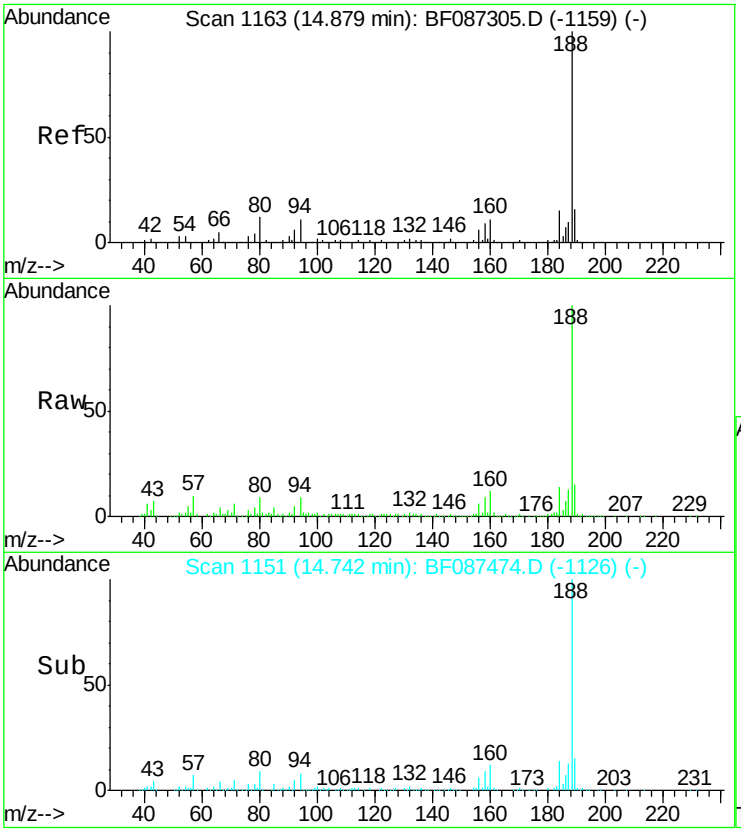


#59
Diethylphthalate
Concen: 2.10 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:149 Resp: 35623

Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.6	24.8
150	13.3	10.0	15.0

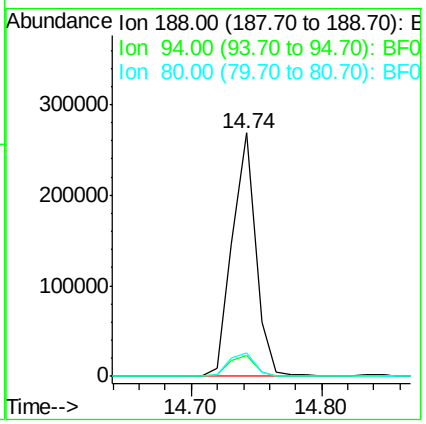




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:188 Resp: 338153

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.4	7.1	10.7



Instrument :
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B-1

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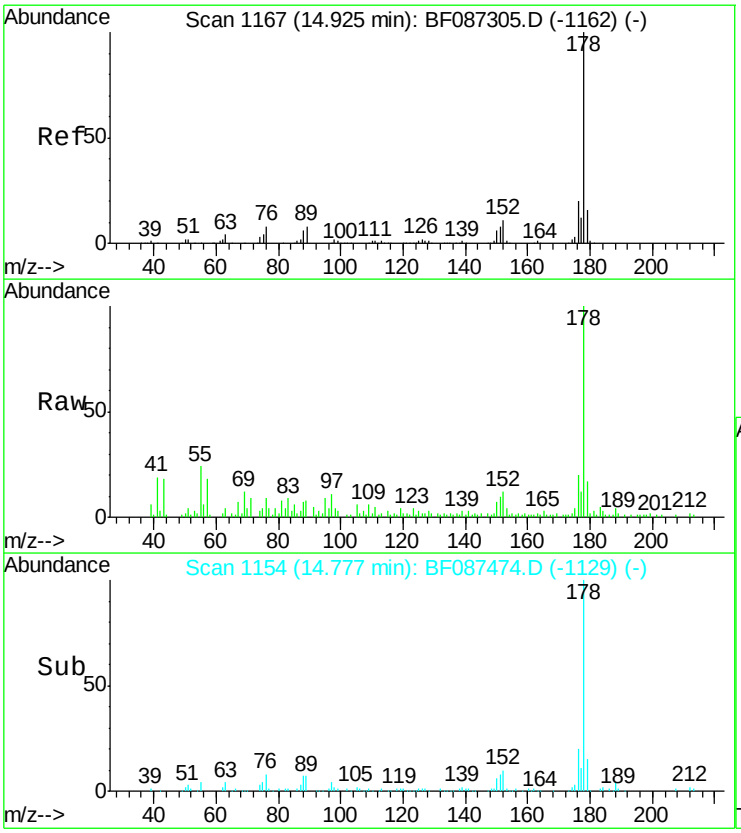
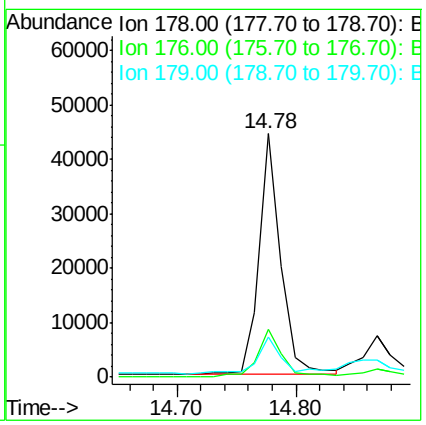
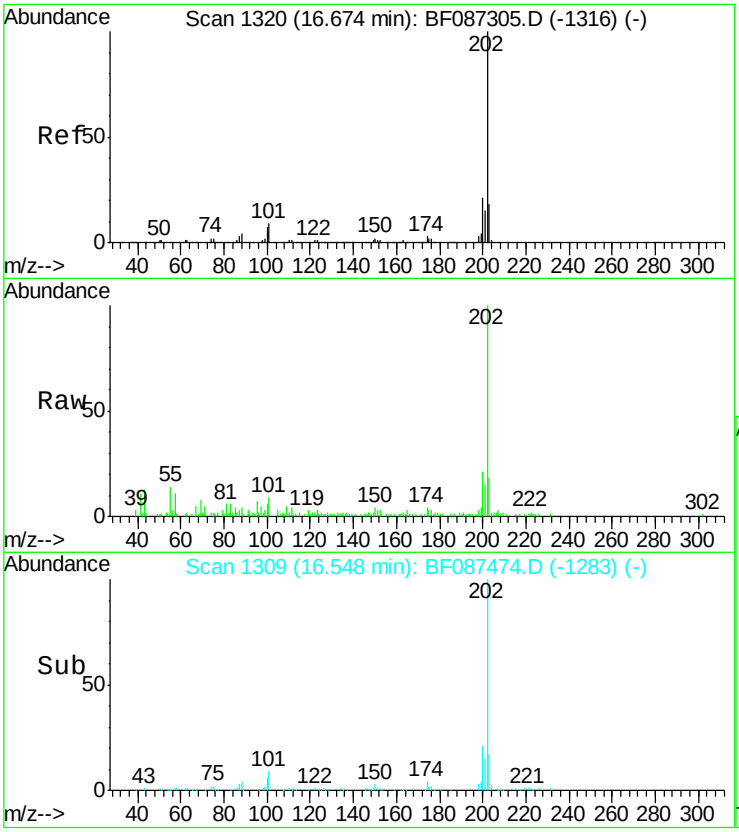


#70
Phenanthrene
Concen: 3.05 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:178 Resp: 57050

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.6	12.6	18.8





#74
Fluoranthene
Concen: 3.78 ng
RT: 16.55 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:202 Resp: 70907

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	35.4
203	18.1	0.0	38.1

Instrument :
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ClientSampleId :
B-1

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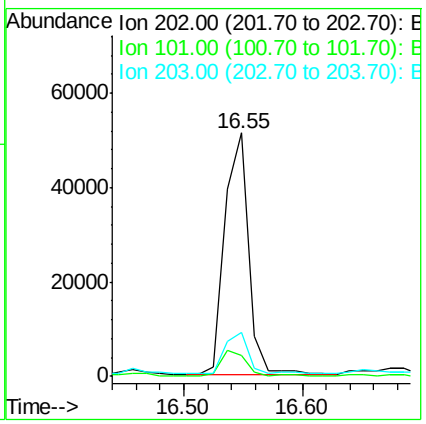
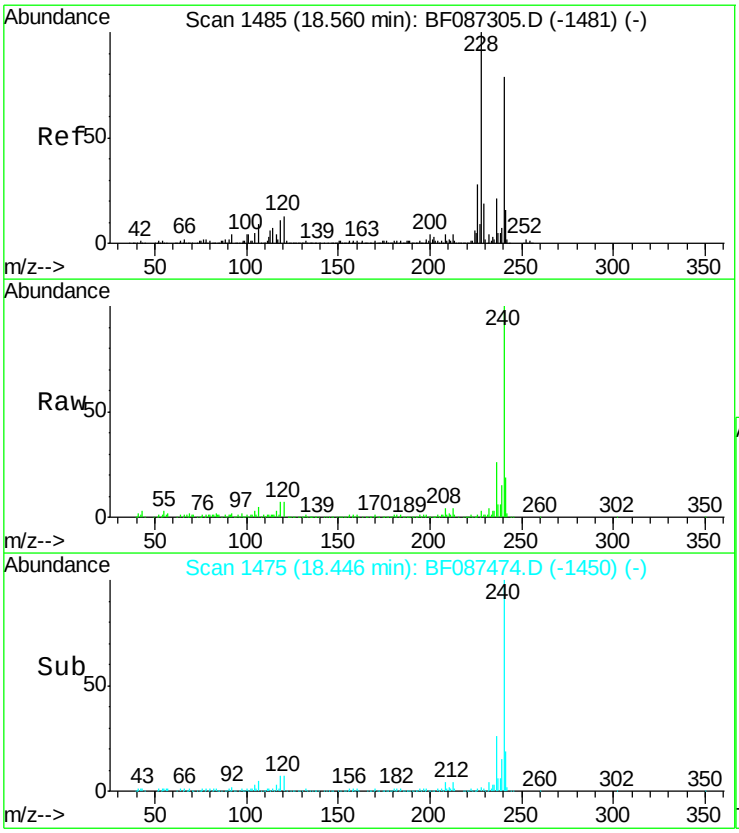
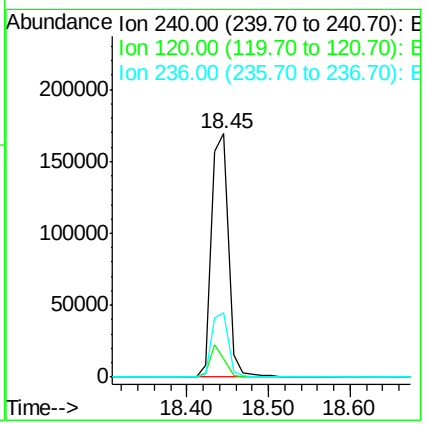


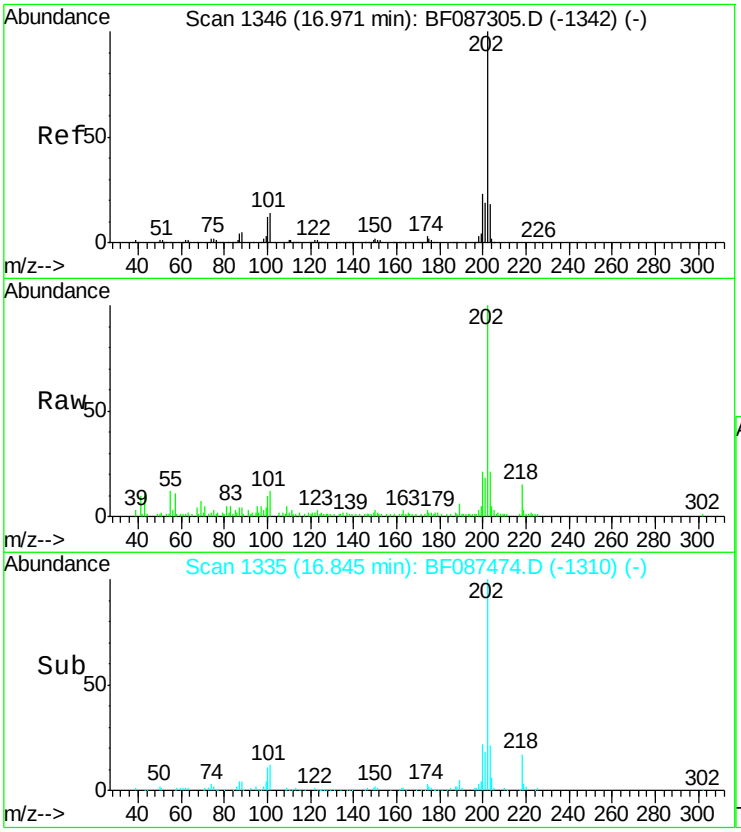


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:240 Resp: 246089

Ion	Ratio	Lower	Upper
240	100		
120	7.4	11.2	16.8#
236	26.4	21.2	31.8

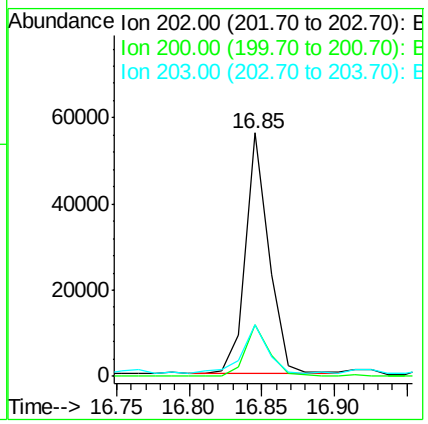




#77
Pyrene
Concen: 3.56 ng
RT: 16.85 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:202 Resp: 62990

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	21.3	14.2	21.4



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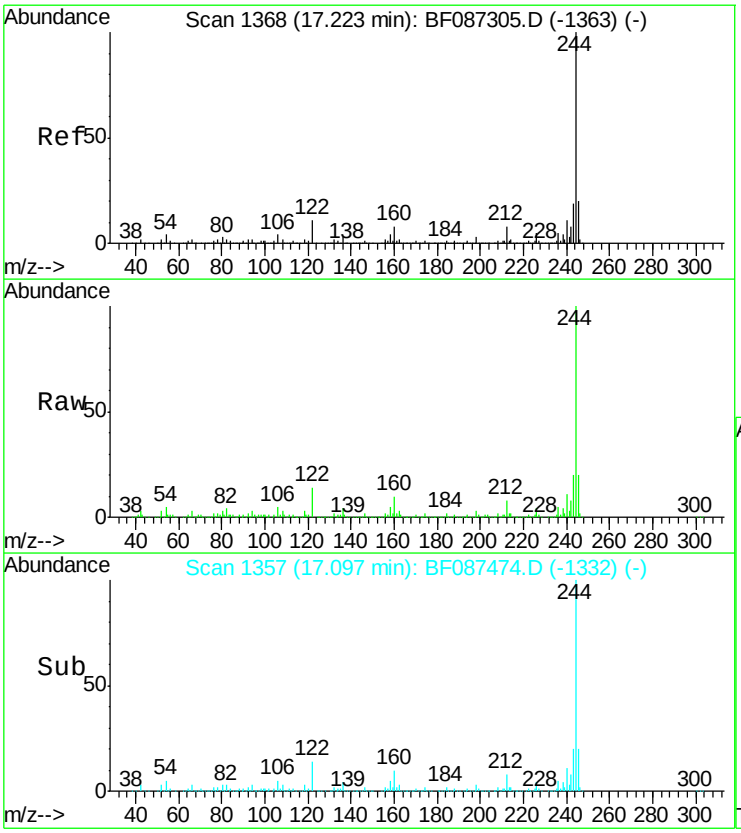
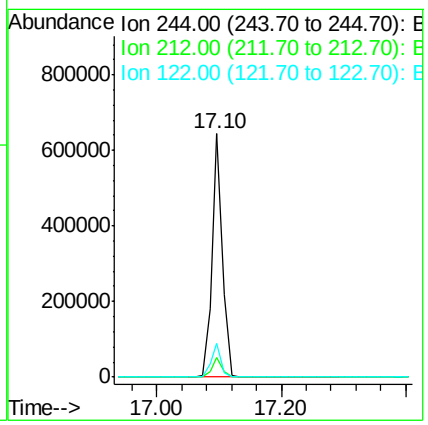
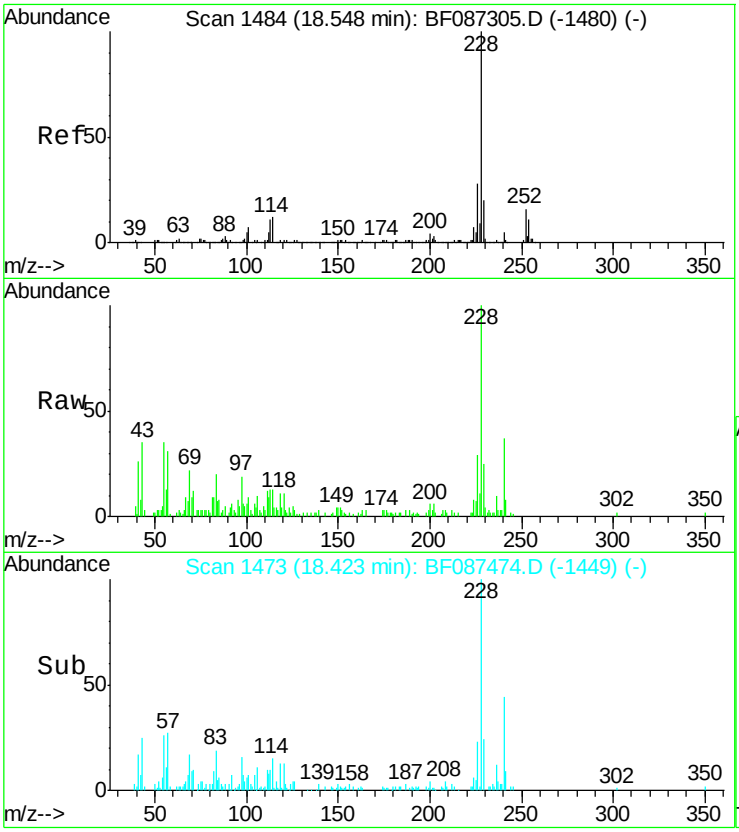


#78
Terphenyl-d14
Concen: 63.00 ng
RT: 17.10 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:244 Resp: 729256

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	13.6	12.0	18.0





#80
Benzo(a)anthracene
Concen: 2.46 ng m
RT: 18.42 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:228 Resp: 34485

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.5	33.7
229	25.3	16.6	25.0#

Instrument :
BNA_F
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B-1

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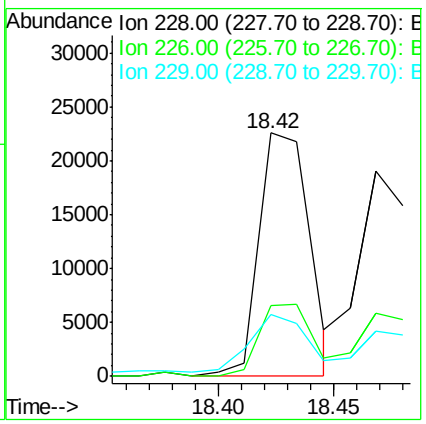
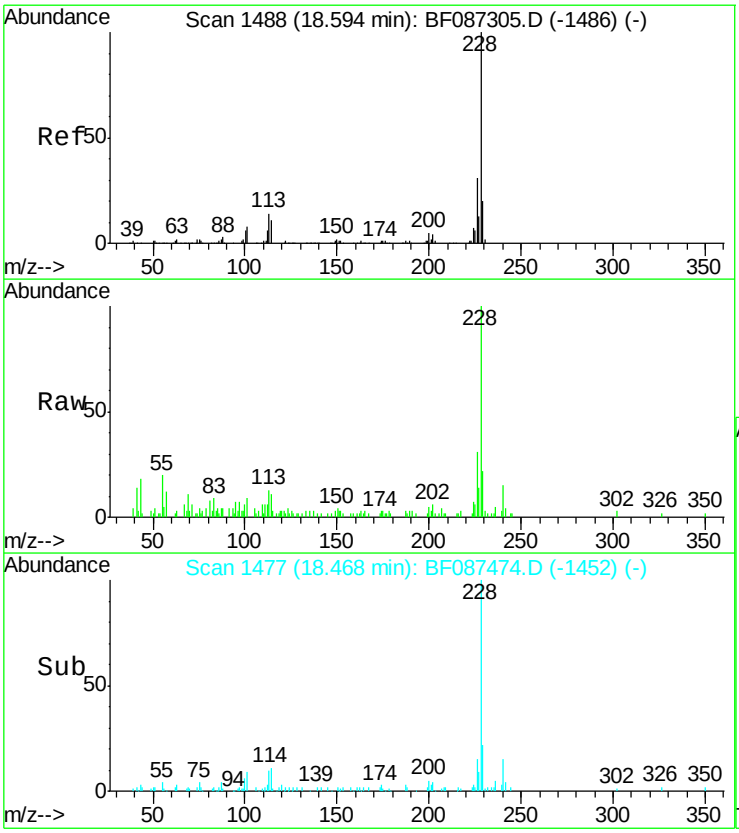
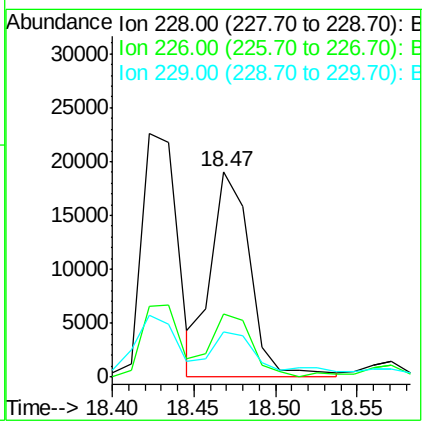


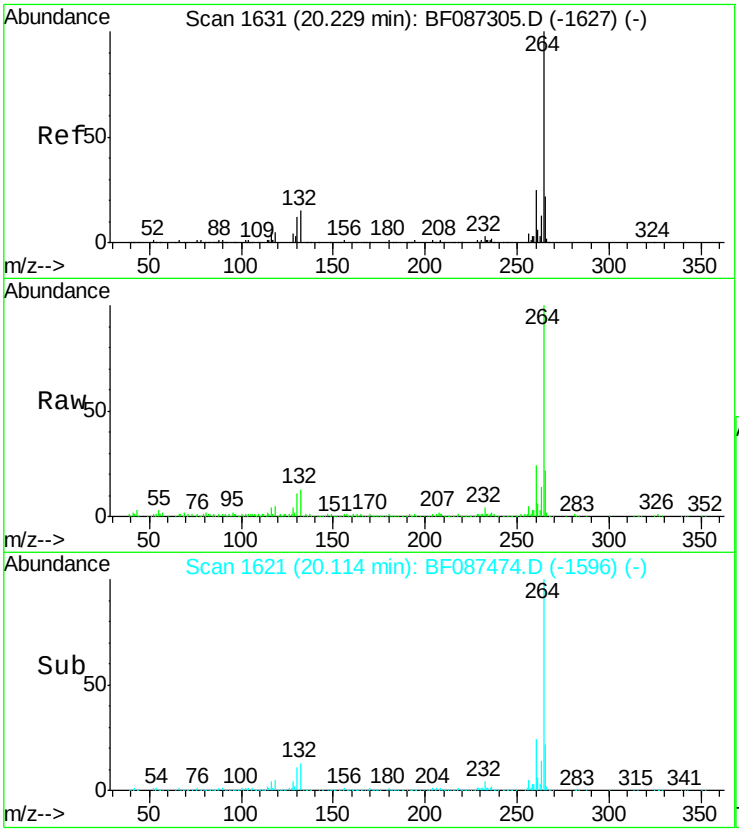


#82
Chrysene
Concen: 2.28 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:228 Resp: 31715

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	21.9	15.8	23.8

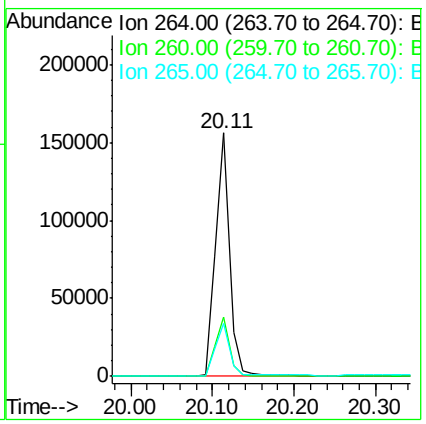




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:264 Resp: 187682

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.8	17.3	25.9



Instrument :
BNA_F
ClientSampleId :
B-1

Manual Integrations APPROVED
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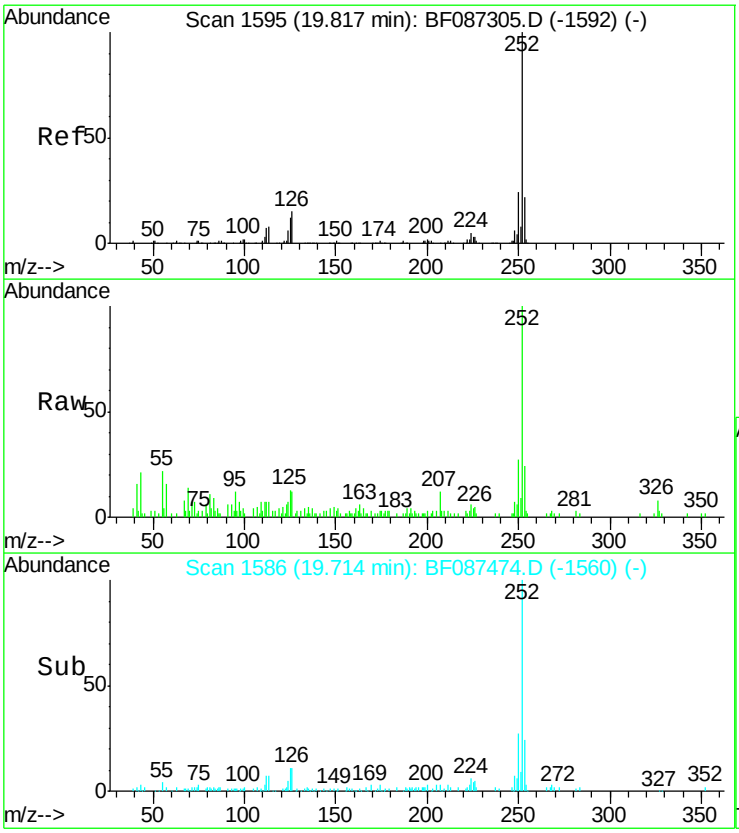

#87
Benzo(b)fluoranthene
Concen: 2.63 ng m
RT: 19.71 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF087474.D
Acq: 28 May 2016 8:54

Tgt Ion:252 Resp: 31459

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	13.4	11.4	17.0