Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087783.D
Acq On : 7 Jun 2016 11:27
Operator : UM/SJ
Sample : H3372-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116

Manual Integrations APPROVED
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Quant Time: Jun 07 14:39:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	104513	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	411317	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	198062	20.00	ng	-0.03
63) Phenanthrene-d10	11.36	188	387453	20.00	ng	-0.02
75) Chrysene-d12	13.98	240	297979	20.00	ng	-0.05
86) Perylene-d12	15.39	264	147962	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	726244	112.32	ng	0.00
7) Phenol-d6	6.48	99	763762	94.18	ng	-0.01
23) Nitrobenzene-d5	7.40	82	556715	78.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	283573	142.63	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1155853	92.06	ng	-0.03
78) Terphenyl-d14	12.95	244	1175281	96.24	ng	-0.02
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	6.78	146	17334m	2.18	ng	
13) 1,4-Dichlorobenzene	6.86	146	46052	5.76	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	152398	25.86	ng	98
31) Naphthalene	8.15	128	41601	2.08	ng	98

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

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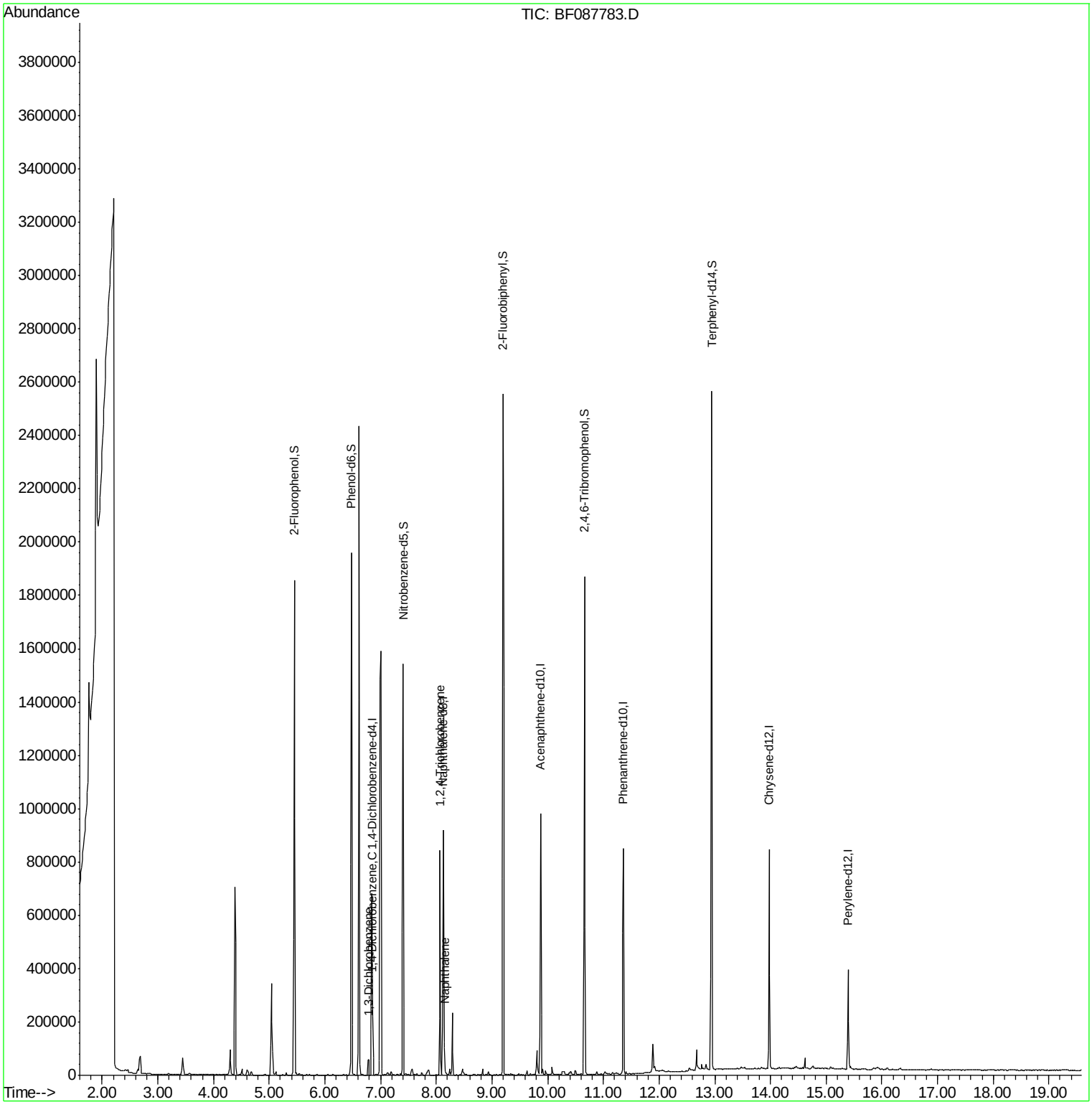
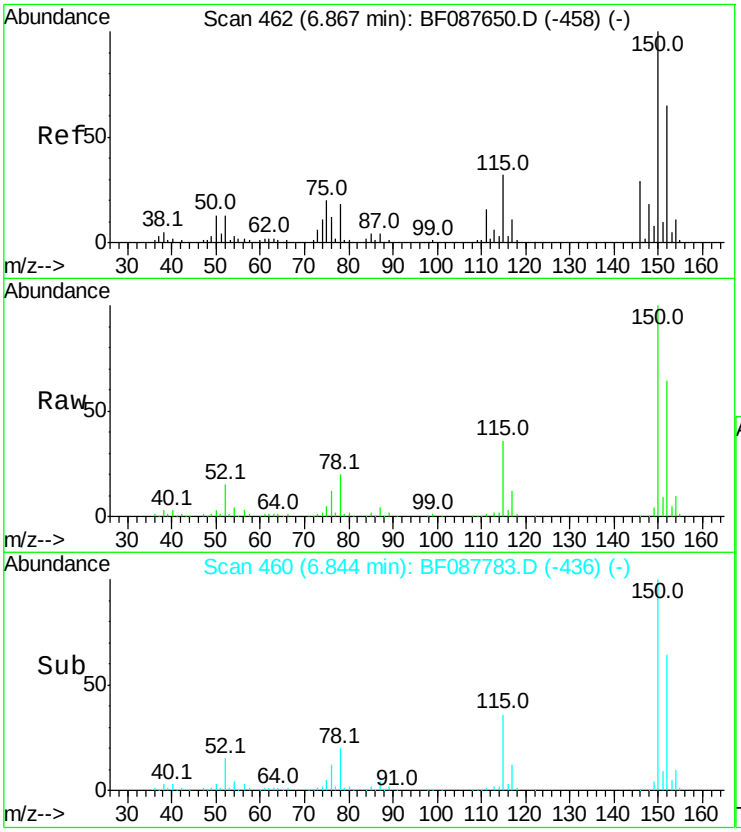
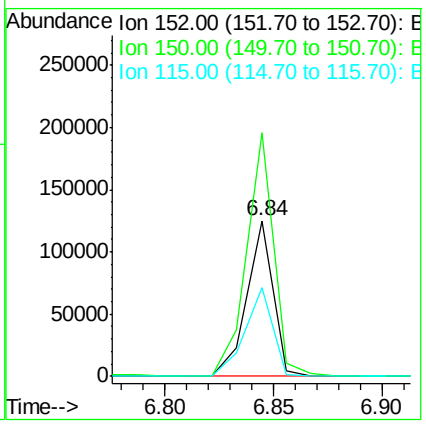




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:152 Resp: 104513

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.8	185.6
115	56.7	39.6	59.4



Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116

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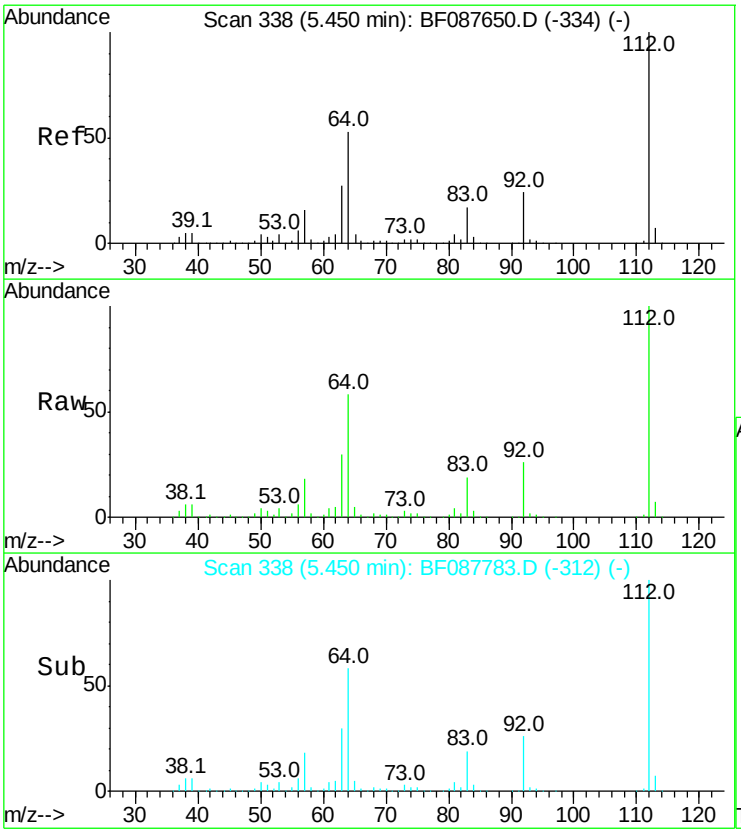
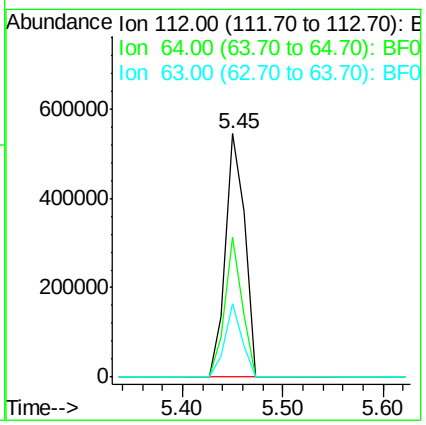
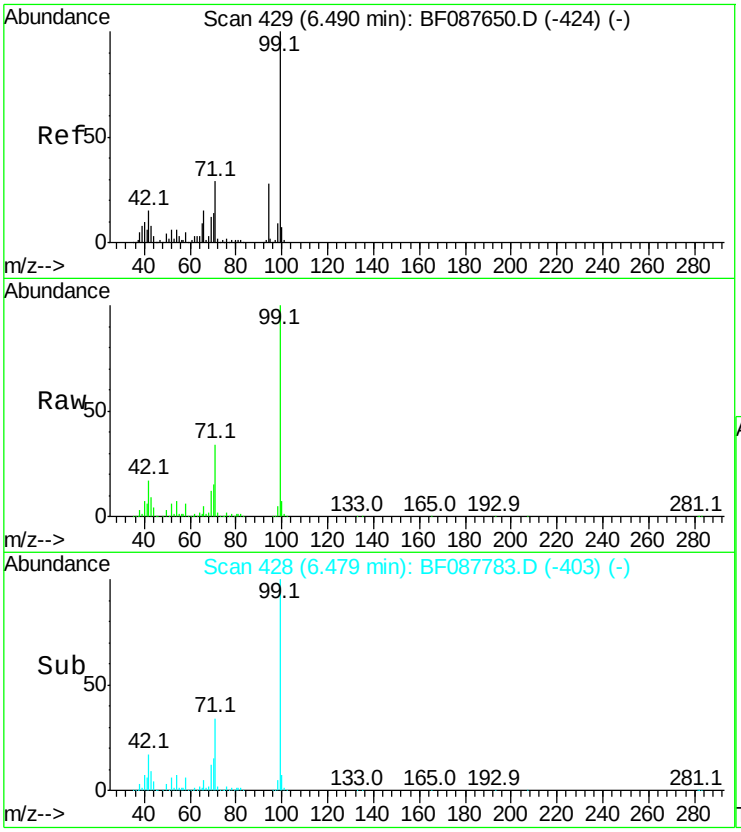


#5
2-Fluorophenol
Concen: 112.32 ng
RT: 5.45 min Scan# 338
Delta R.T. -0.00 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:112 Resp: 726244

Ion	Ratio	Lower	Upper
112	100		
64	57.7	42.2	63.2
63	30.0	21.8	32.8

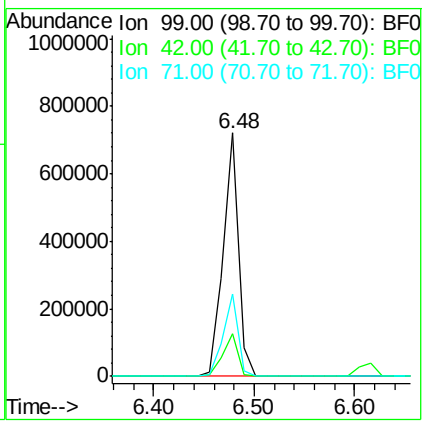




#7
Phenol-d6
Concen: 94.18 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion: 99 Resp: 763762

Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.2	18.2
71	34.1	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116

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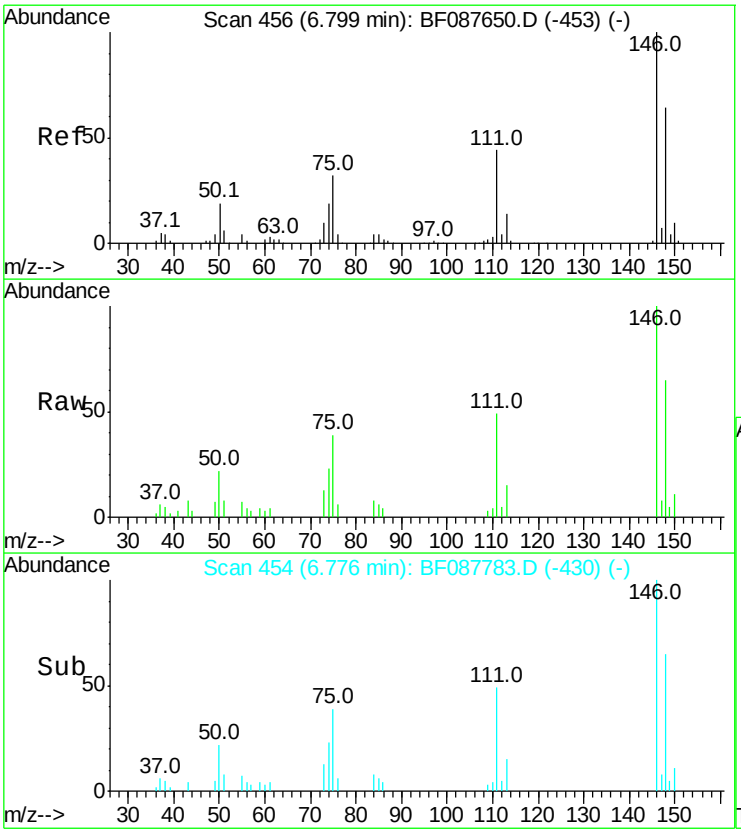
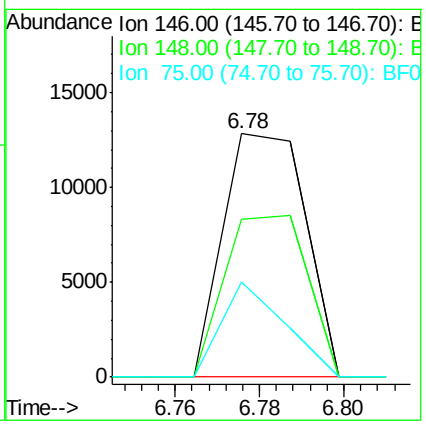
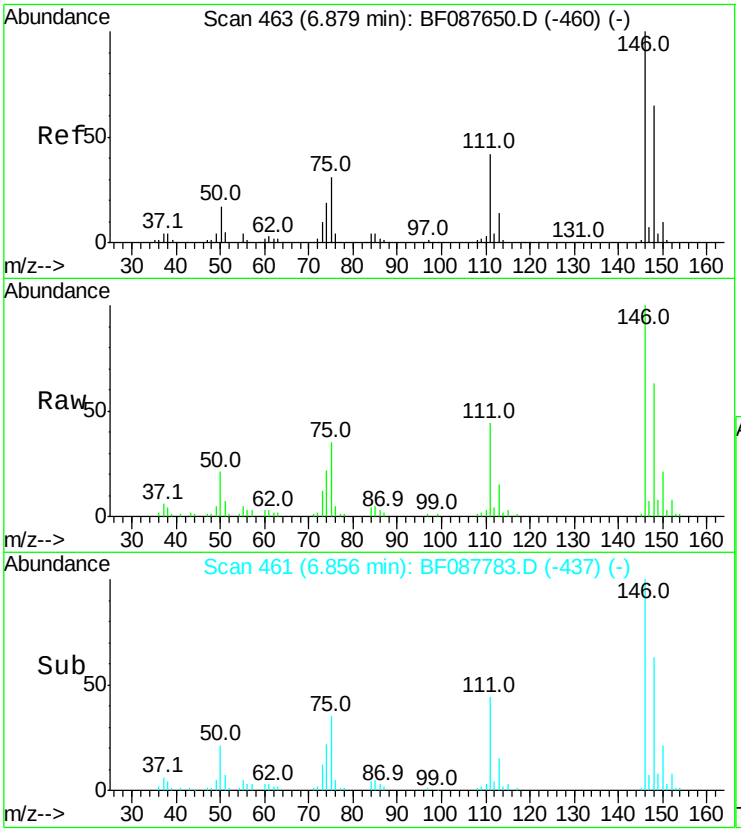


#12
1,3-Dichlorobenzene
Concen: 2.18 ng m
RT: 6.78 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:146 Resp: 17334

Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.9	76.3
75	39.1	25.6	38.4#

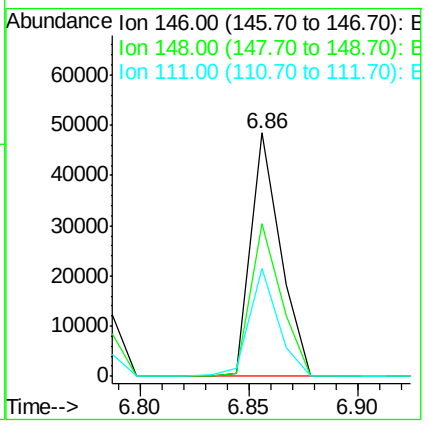




#13
1,4-Dichlorobenzene
Concen: 5.76 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:146 Resp: 46052

Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.0	78.0
111	44.5	33.8	50.8



Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116

Manual Integrations APPROVED
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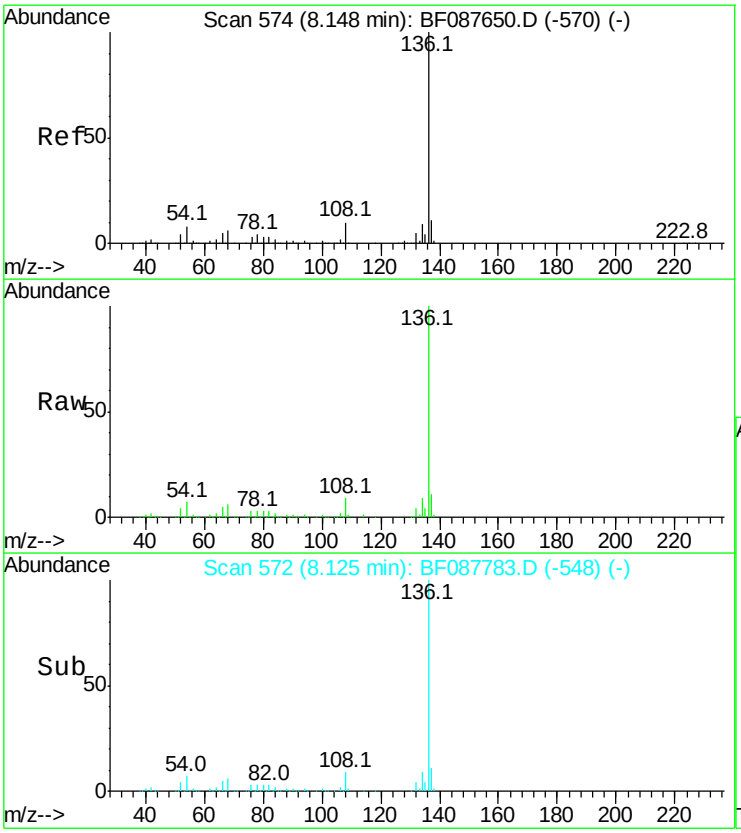
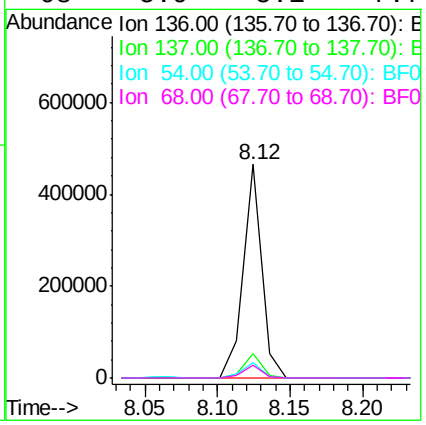
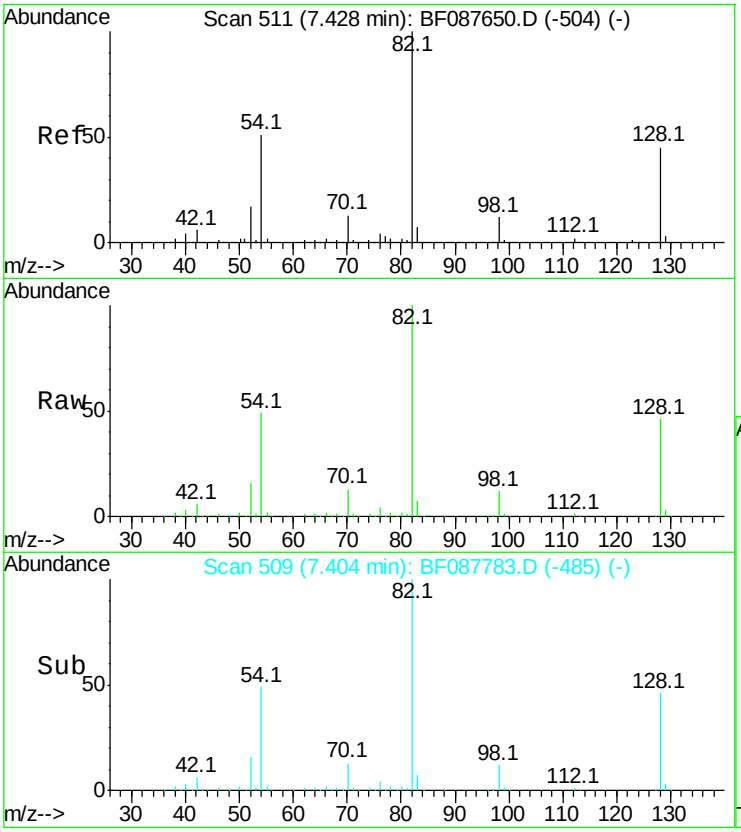


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:136 Resp: 411317

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.3	6.6	10.0
68	5.9	5.1	7.7

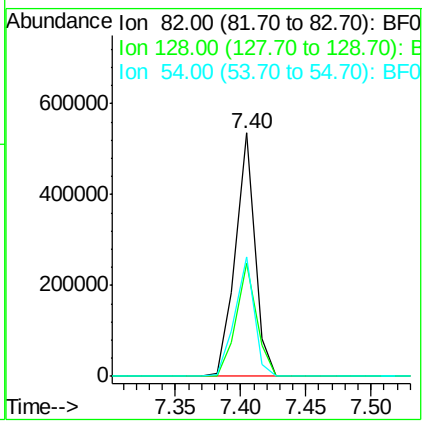




#23
Nitrobenzene-d5
Concen: 78.31 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion: 82 Resp: 556715

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.9	53.9
54	49.3	40.9	61.3



Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116

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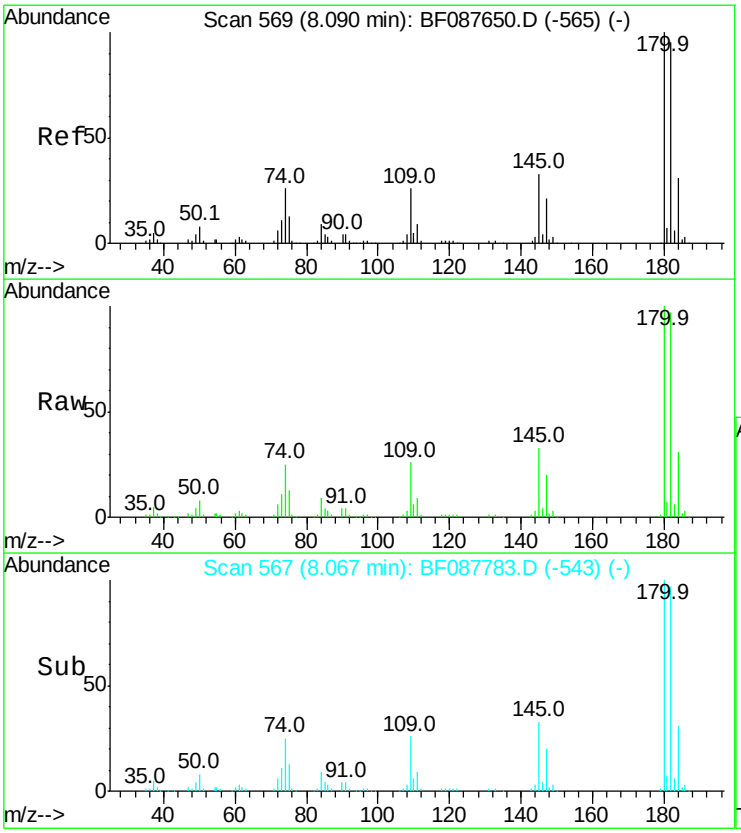
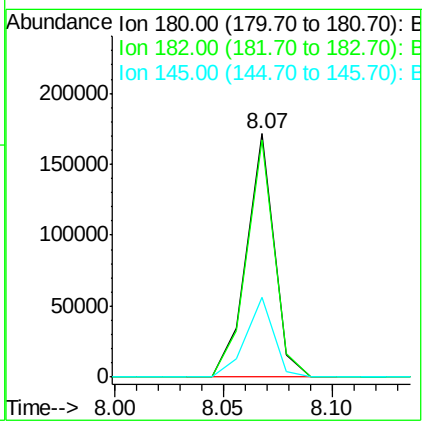
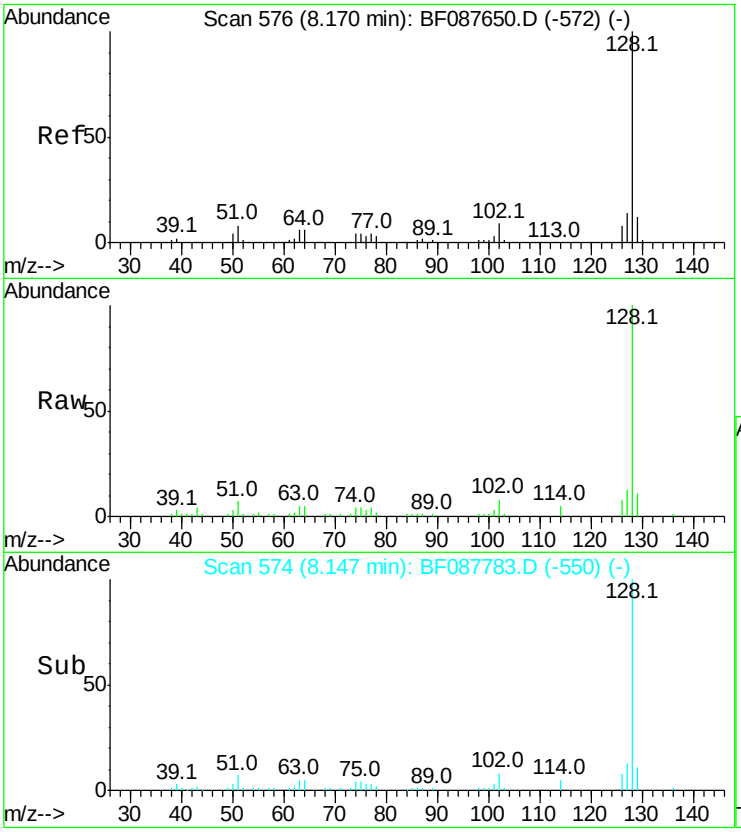


#30
1,2,4-Trichlorobenzene
Concen: 25.86 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.02 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:180 Resp: 152398

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.0	114.0
145	32.6	26.5	39.7

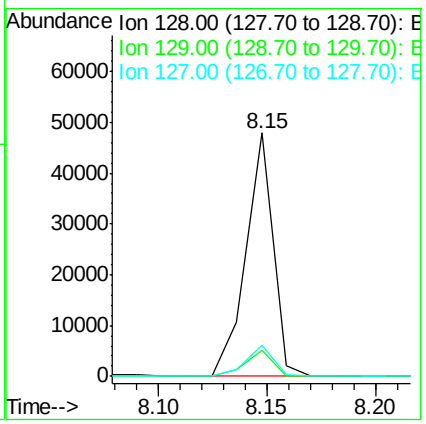




#31
Naphthalene
Concen: 2.08 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:128 Resp: 41601

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	12.6	10.9	16.3



Instrument :
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ClientSampleId :
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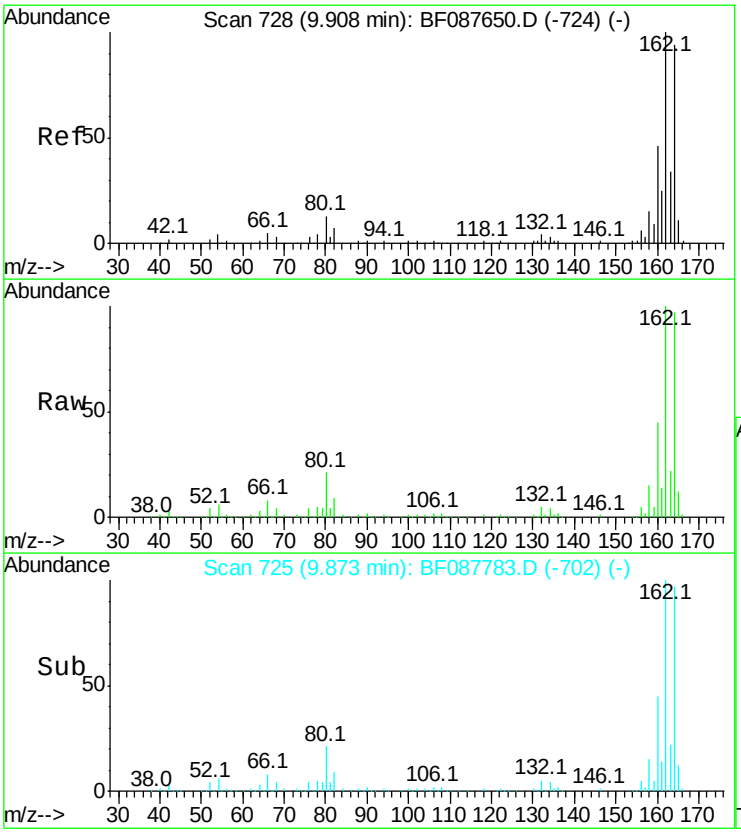
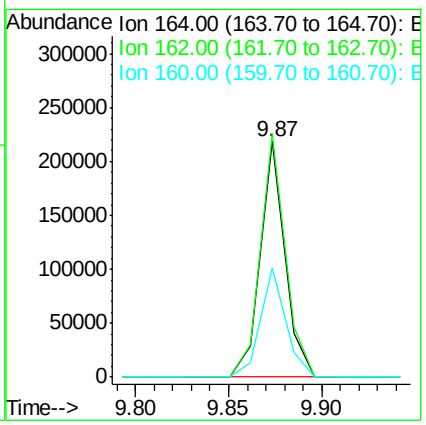
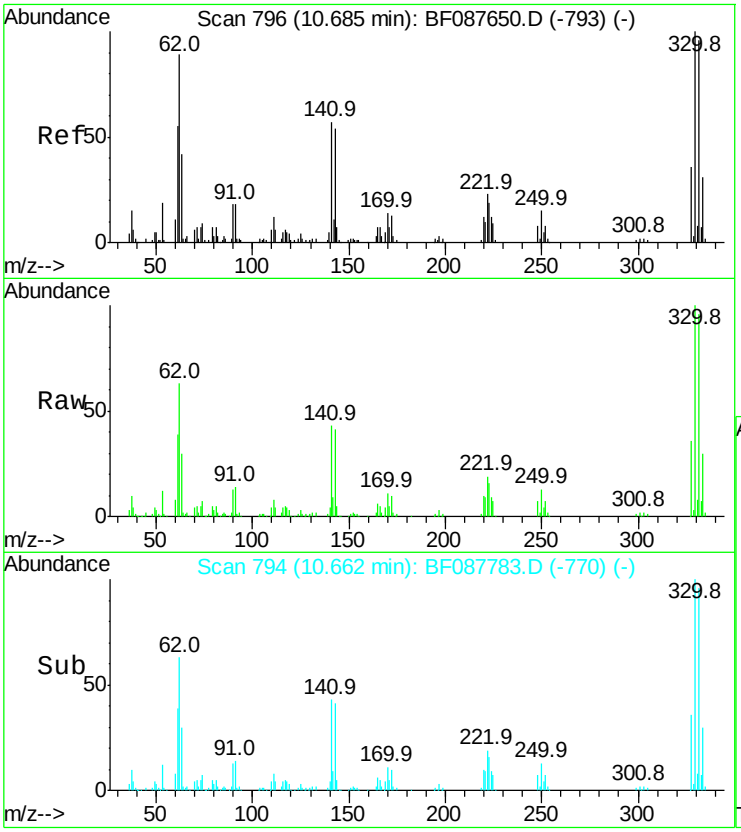


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:164 Resp: 198062

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.4	128.2
160	46.4	39.5	59.3

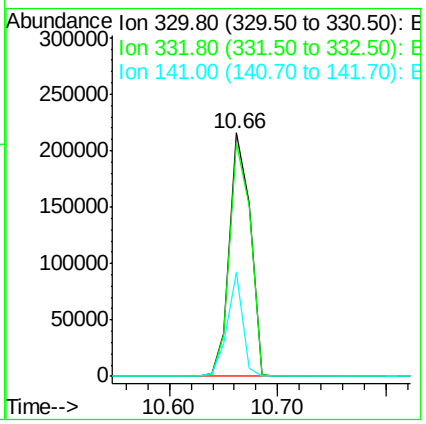




#41
2,4,6-Tribromophenol
Concen: 142.63 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:330 Resp: 283573

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	31.8	0.0	0.0#



Instrument :
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ClientSampleId :
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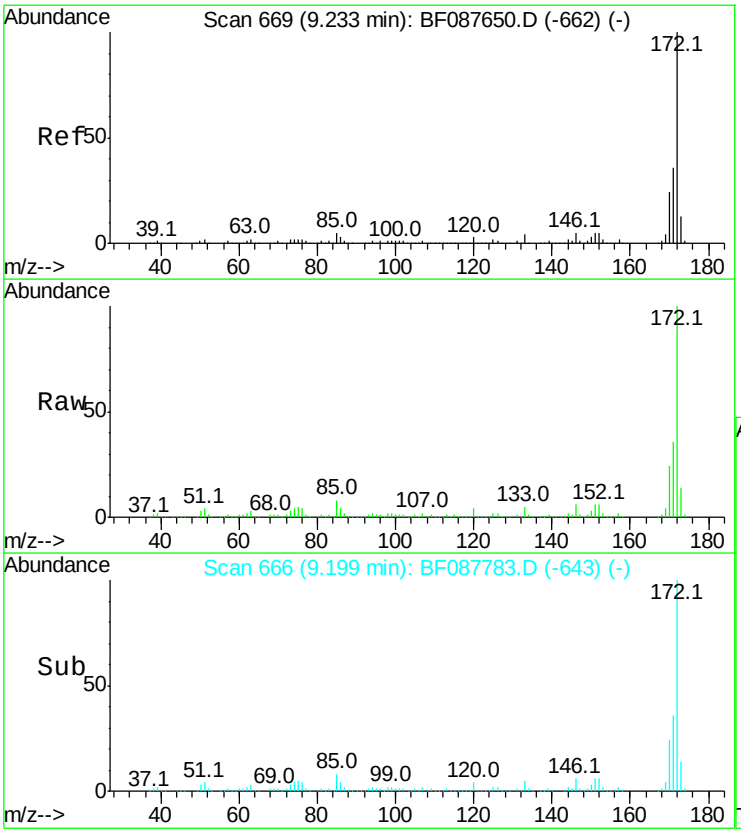
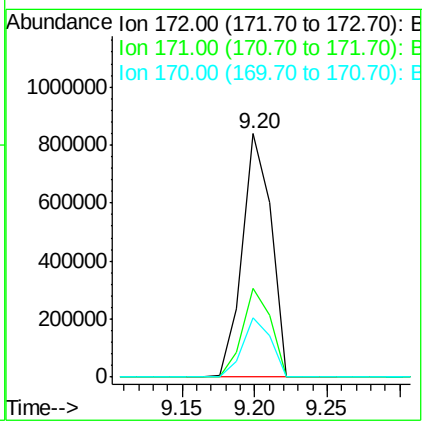
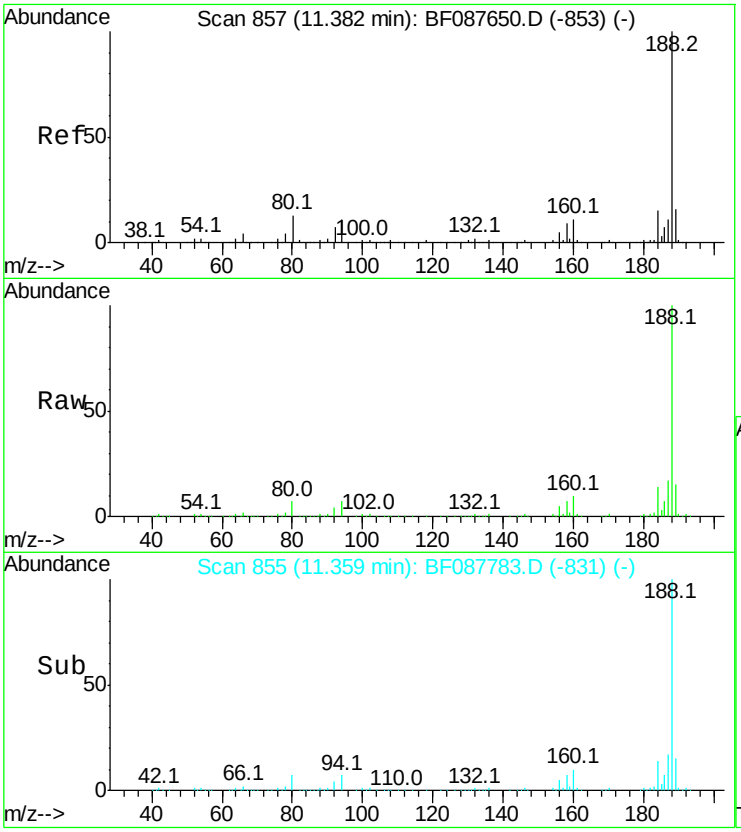


#44
2-Fluorobiphenyl
Concen: 92.06 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:172 Resp: 1155853

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.1	19.2	28.8

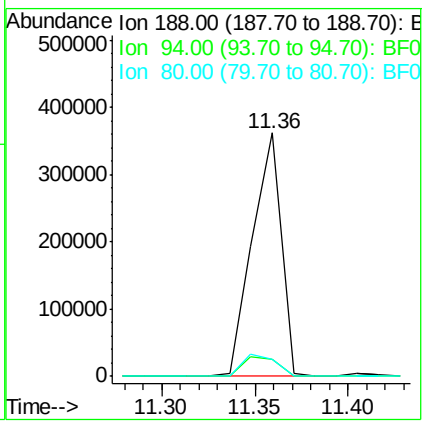




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:188 Resp: 387453

Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.6#
80	7.0	10.0	15.0#



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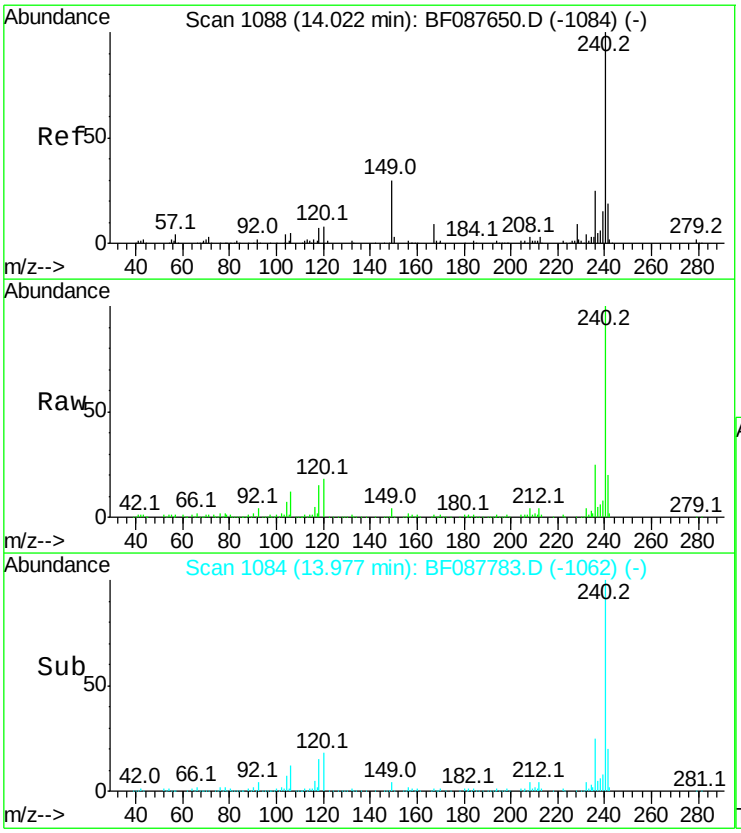
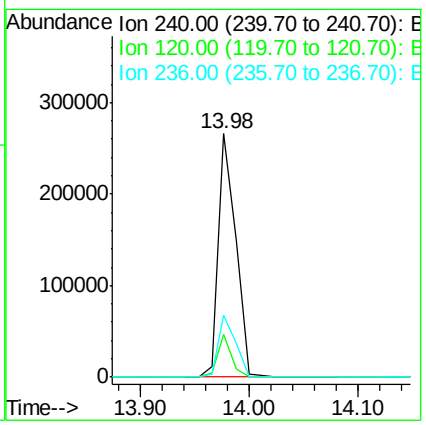
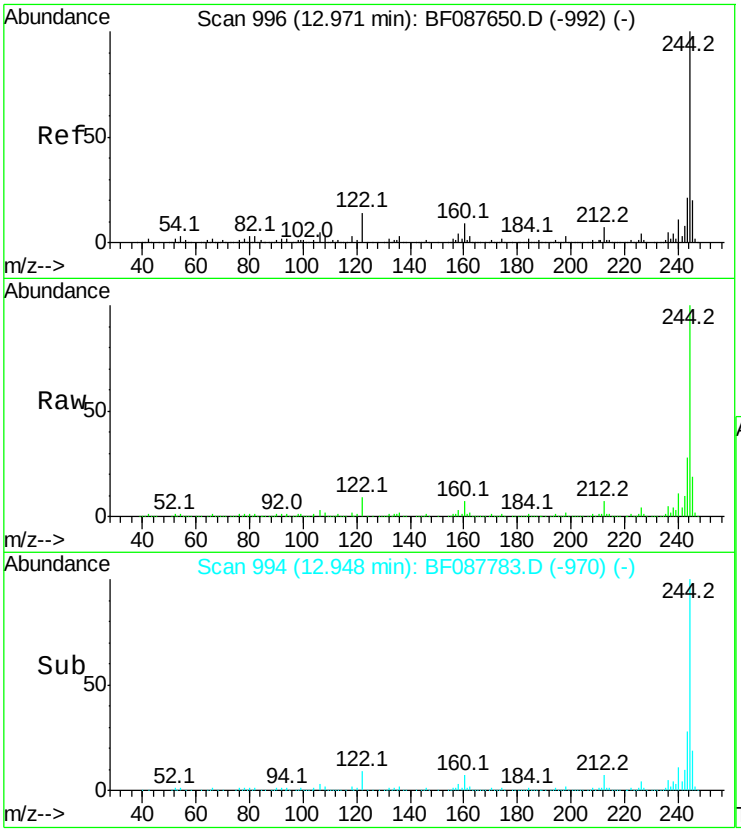


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.05 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:240 Resp: 297979

Ion	Ratio	Lower	Upper
240	100		
120	17.7	6.8	10.2#
236	25.2	20.2	30.2

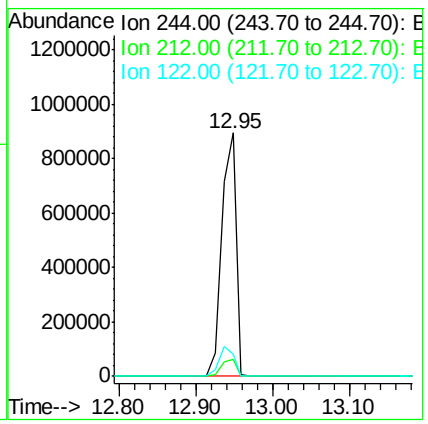




#78
Terphenyl-d14
Concen: 96.24 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:244 Resp: 1175281

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	8.9	11.2	16.8#



Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116

Manual Integrations APPROVED
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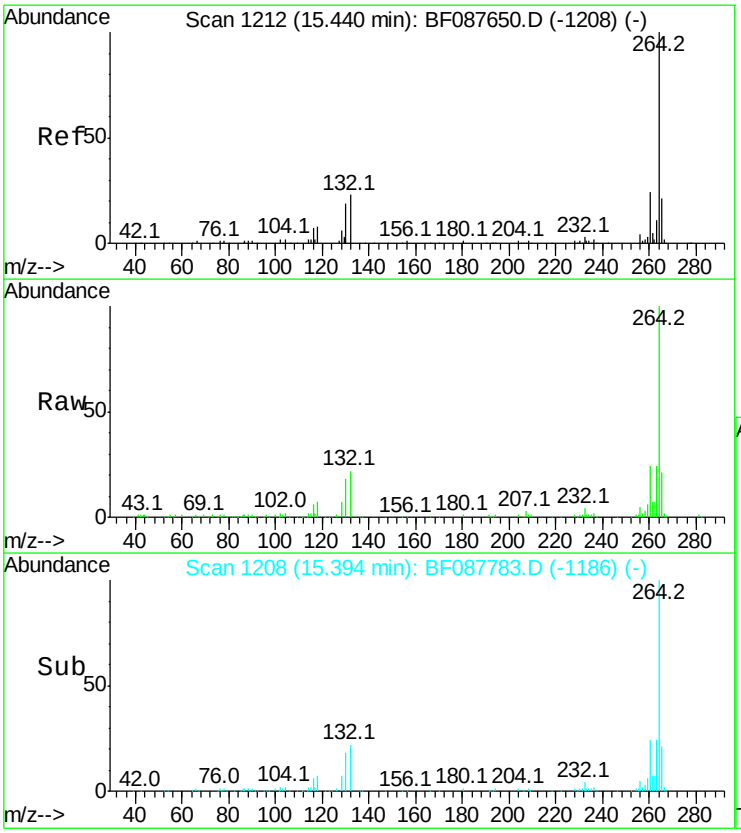

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1208
Delta R.T. -0.05 min
Lab File: BF087783.D
Acq: 7 Jun 2016 11:27

Tgt Ion:264 Resp: 147962

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.0	16.9	25.3