Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084219.D
Acq On : 1 Jan 2016 2:30
Operator : UM/SJ
Sample : G4982-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0530

Manual Integrations APPROVED
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1/4/2016 4:29:48 PM

Quant Time: Jan 02 02:34:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	283436	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1109110	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	494010	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	778847	20.00	ng		0.00
75) Chrysene-d12	14.07	240	569150	20.00	ng		0.00
86) Perylene-d12	15.51	264	464403	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1139328	65.02	ng		0.01
7) Phenol-d6	6.56	99	978834	44.48	ng		0.02
23) Nitrobenzene-d5	7.48	82	1817624	91.21	ng		0.01
41) 2,4,6-Tribromophenol	10.74	330	615370	123.38	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	3030828	109.77	ng		0.01
78) Terphenyl-d14	13.01	244	1439736	56.47	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	673542	47.00	ng		97
22) Acetophenone	7.34	105	10159614	380.94	ng	#	86
28) bis(2-Chloroethoxy)methane	7.96	93	96632	4.15	ng	#	63
31) Naphthalene	8.21	128	422886	8.40	ng		100
32) Benzoic acid	7.95	122	82281	12.22	ng	#	71
37) 2-Methylnaphthalene	8.90	142	168035	4.65	ng		97
49) Dimethylphthalate	9.66	163	158646m	4.49	ng		

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

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Instrument :
BNA_F
ClientSampleId :
S8-0530

Manual Integrations APPROVED
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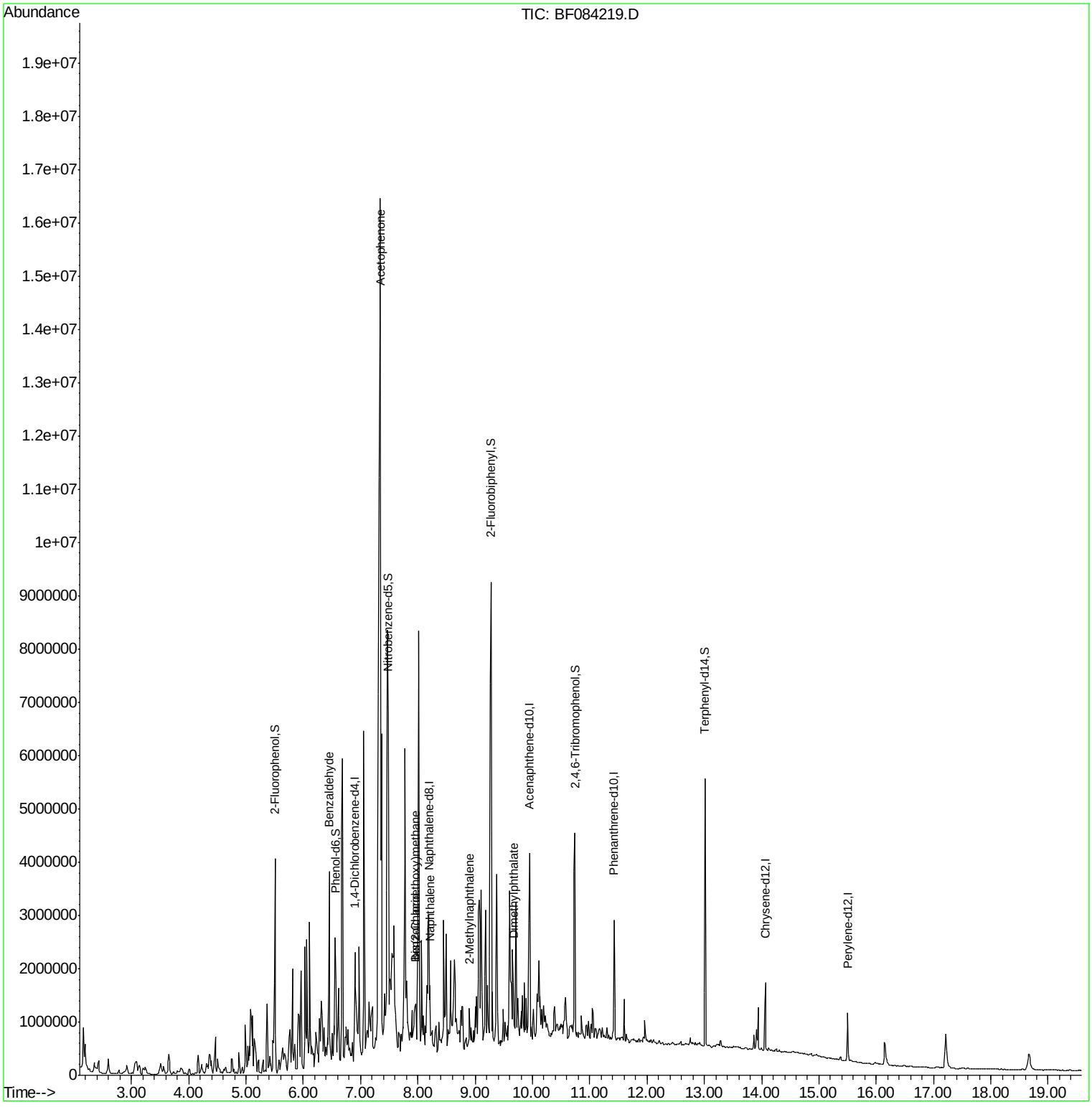
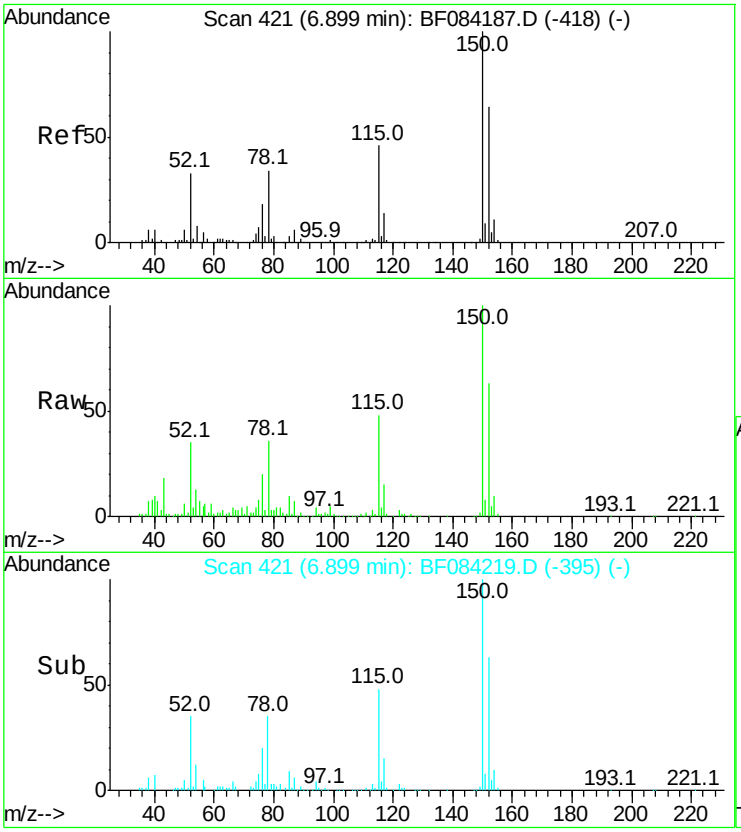
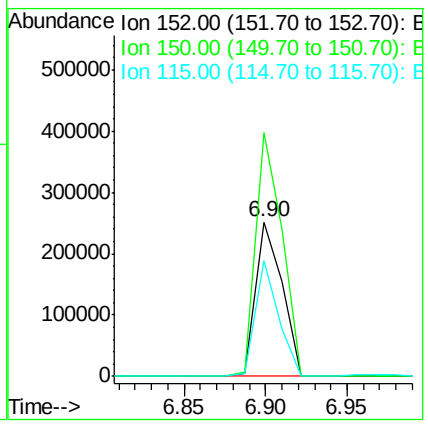




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:152 Resp: 283436

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.0	184.4
115	75.4	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
S8-0530

Manual Integrations APPROVED
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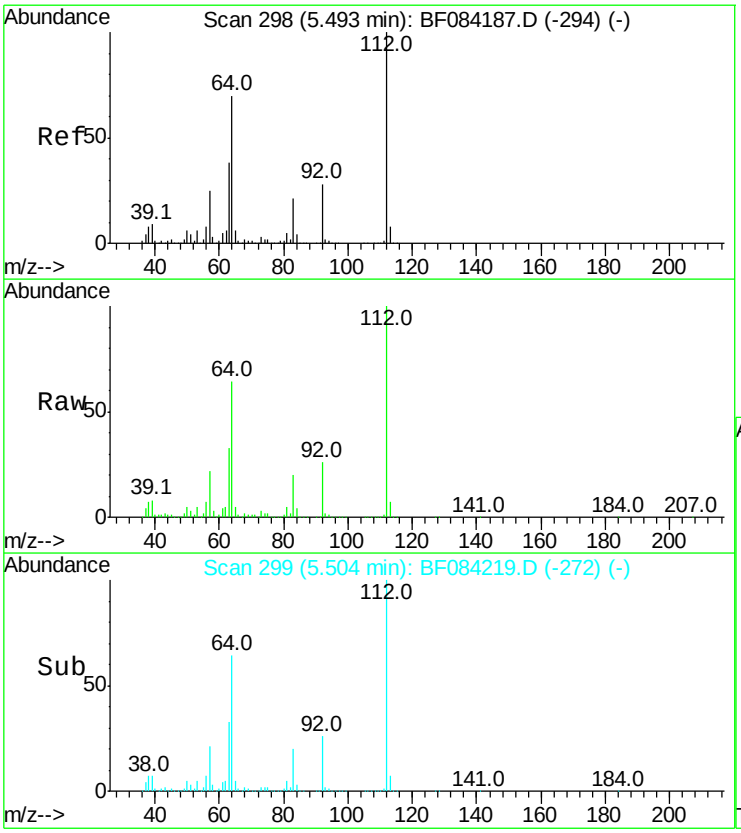
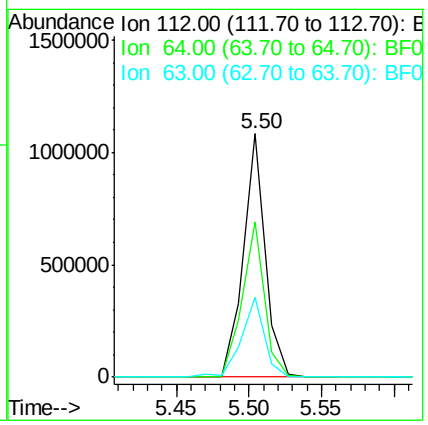
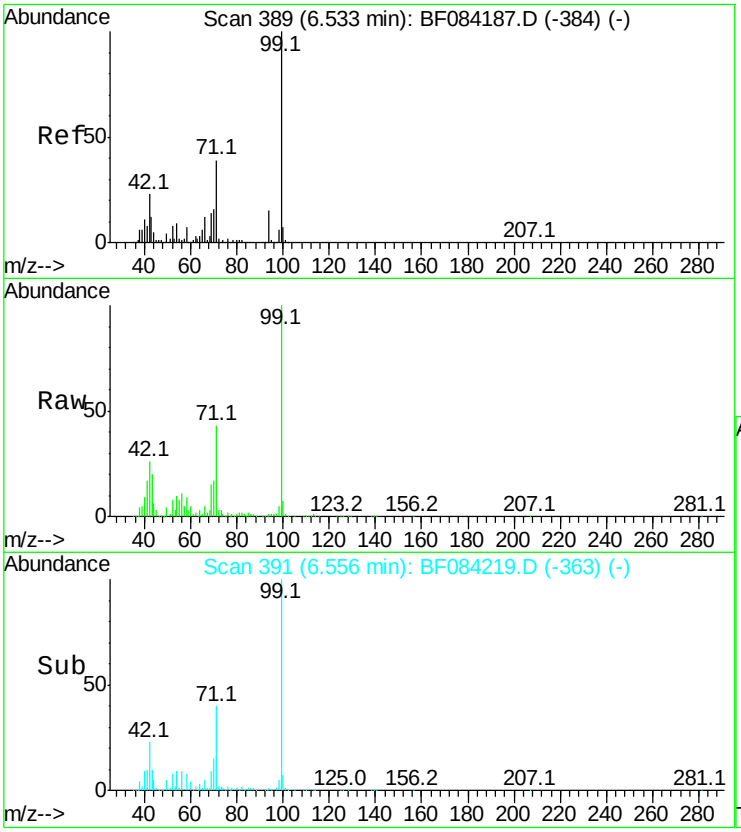


#5
2-Fluorophenol
Concen: 65.02 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:112 Resp: 1139328

Ion	Ratio	Lower	Upper
112	100		
64	64.0	36.6	55.0#
63	32.8	19.4	29.0#

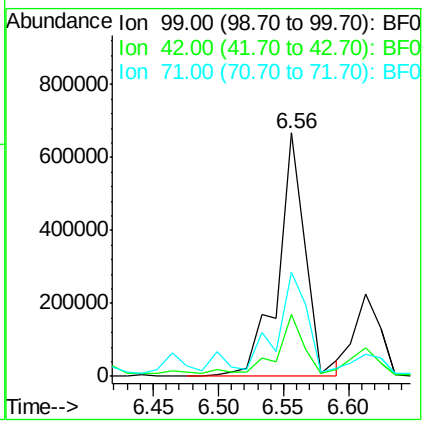




#7
Phenol-d6
Concen: 44.48 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.02 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion: 99 Resp: 978834

Ion	Ratio	Lower	Upper
99	100		
42	25.6	12.8	19.2#
71	42.8	30.9	46.3



Instrument :
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ClientSampleId :
S8-0530

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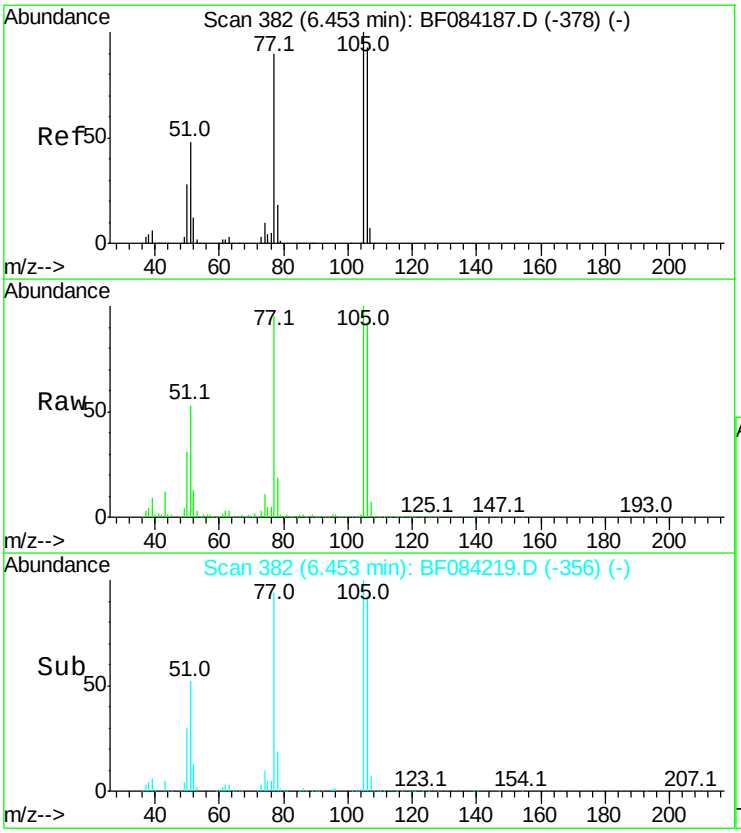
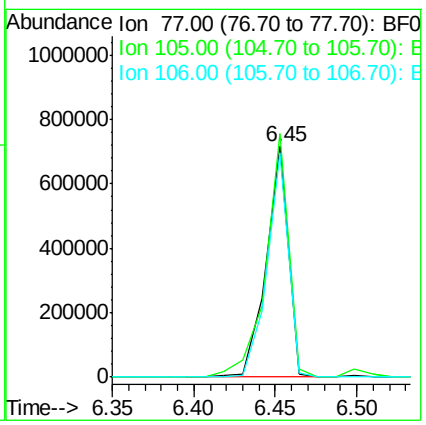
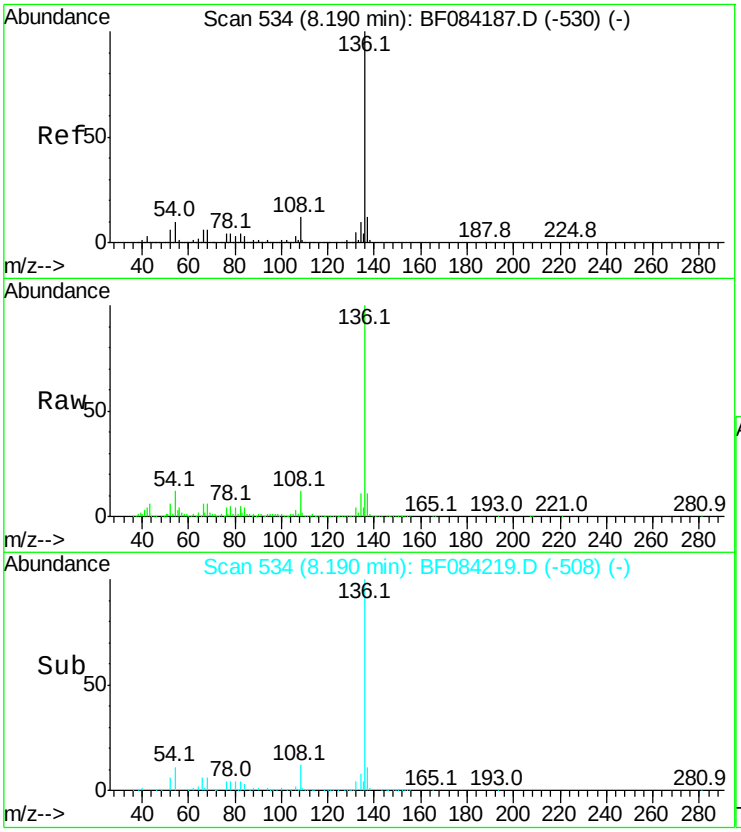


#9
Benzaldehyde
Concen: 47.00 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion: 77 Resp: 673542

Ion	Ratio	Lower	Upper
77	100		
105	105.8	83.0	123.0
106	97.3	74.6	114.6

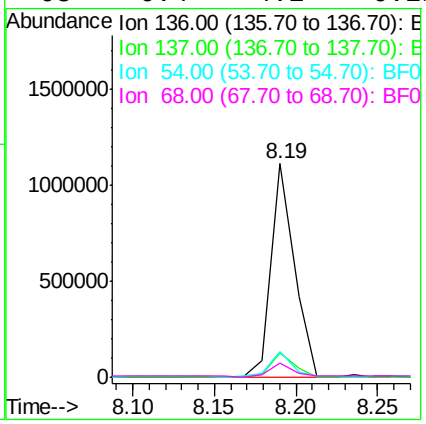




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:136 Resp: 1109110

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.9	5.8	8.8#
68	6.4	4.2	6.2#



Instrument :
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ClientSampleId :
S8-0530

Manual Integrations APPROVED
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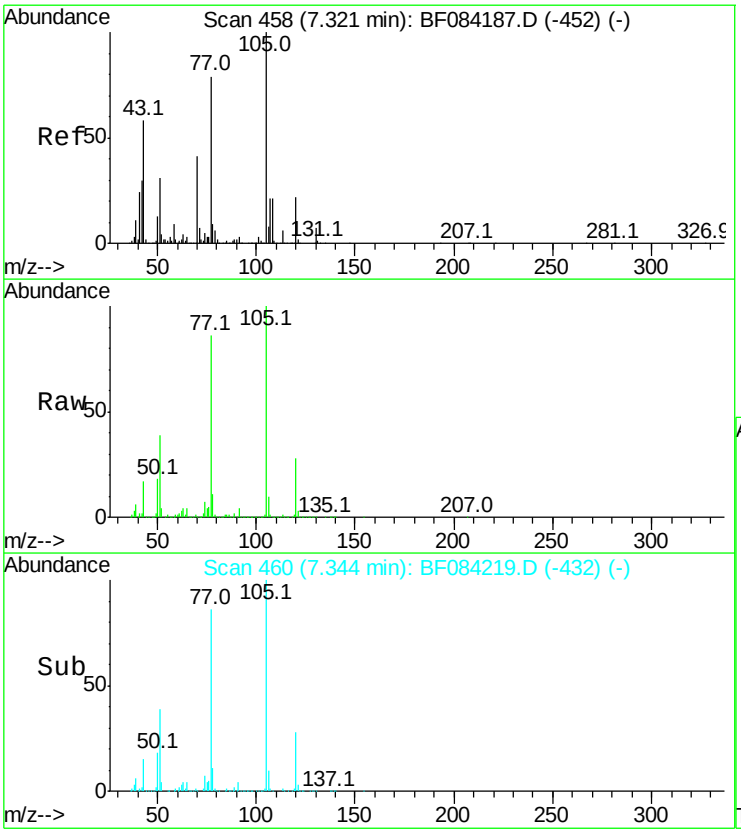
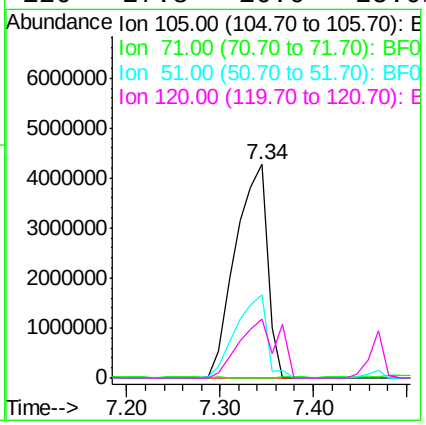
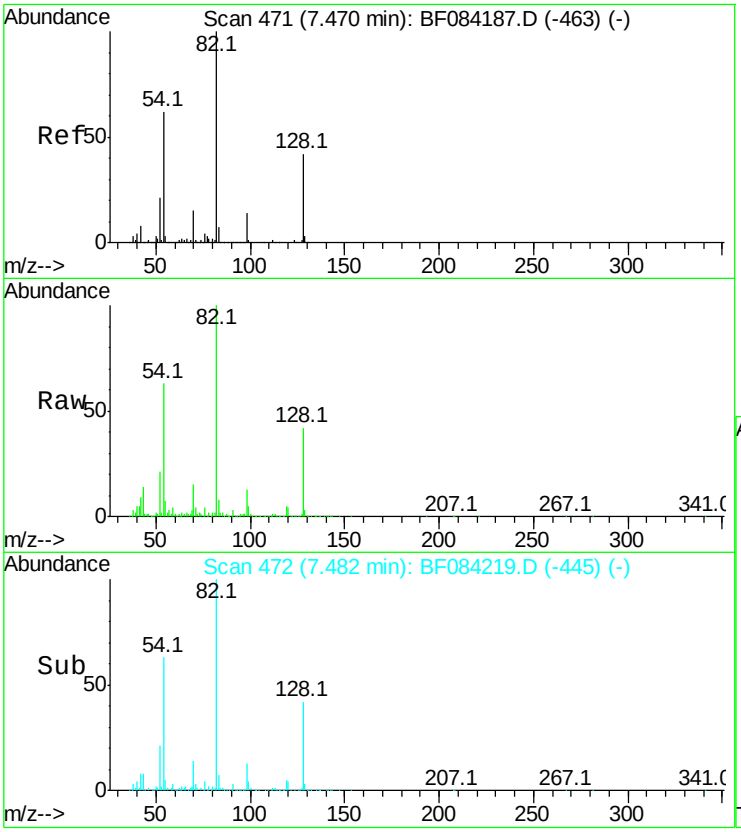


#22
Acetophenone
Concen: 380.94 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.02 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:105 Resp:10159614

Ion	Ratio	Lower	Upper
105	100		
71	0.2	3.7	5.5#
51	39.0	25.1	37.7#
120	27.8	16.6	25.0#





#23
Nitrobenzene-d5
Concen: 91.21 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion: 82 Resp: 1817624

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	51.8
54	62.9	38.4	57.6#

Instrument :
BNA_F
ClientSampleId :
S8-0530

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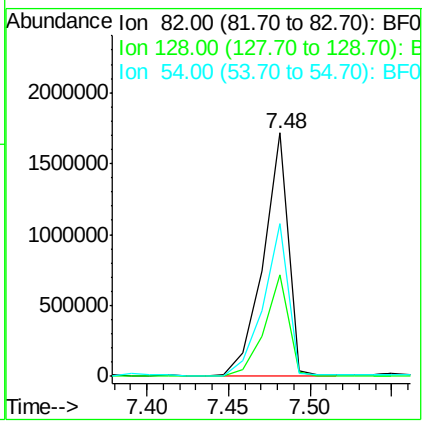
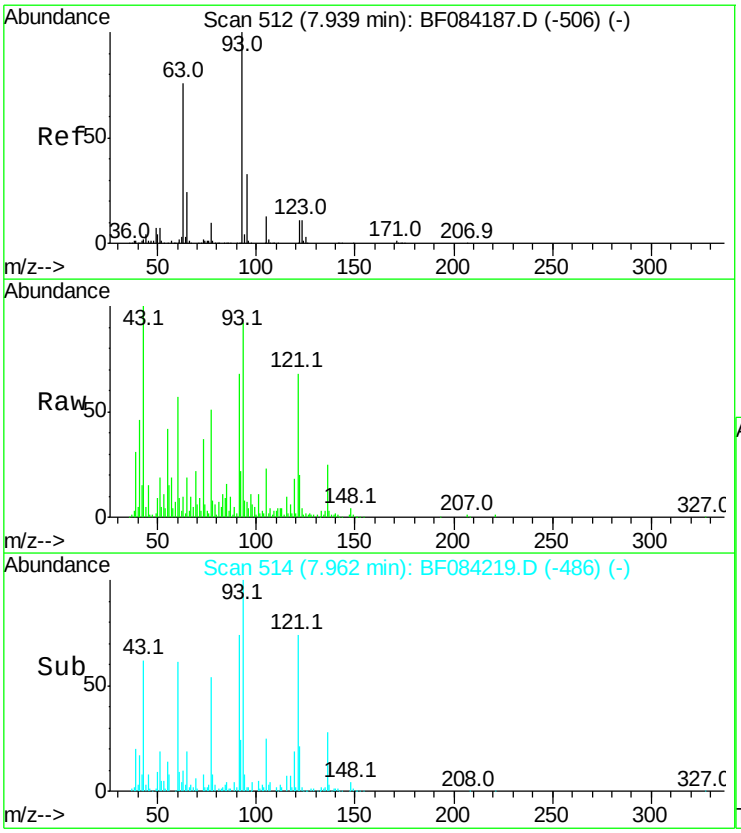
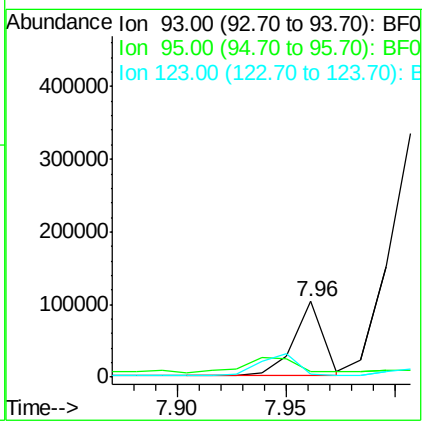


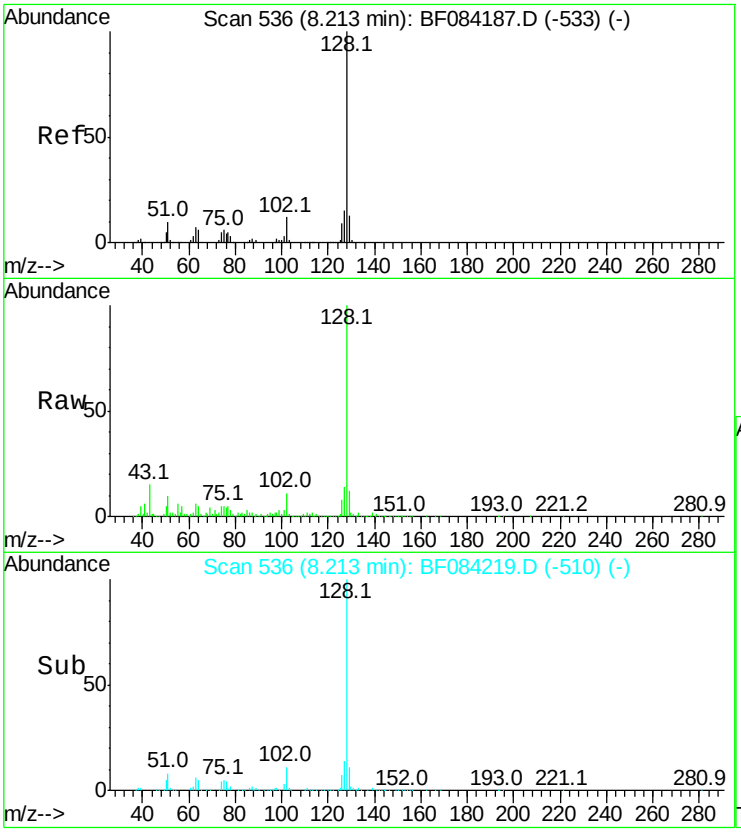


#28
bis(2-Chloroethoxy)methane
Concen: 4.15 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.02 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion: 93 Resp: 96632

Ion	Ratio	Lower	Upper
93	100		
95	7.7	25.8	38.6#
123	4.4	8.6	12.8#

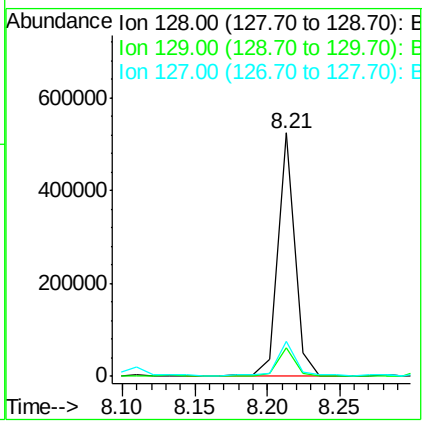




#31
Naphthalene
Concen: 8.40 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:128 Resp: 422886

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	14.1	11.1	16.7



Instrument :
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ClientSampleId :
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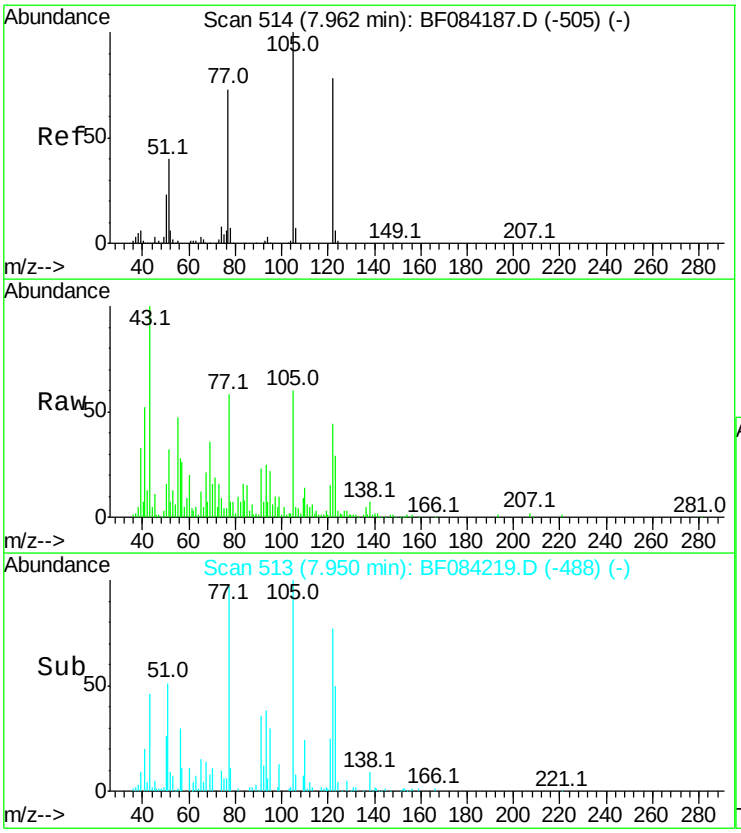
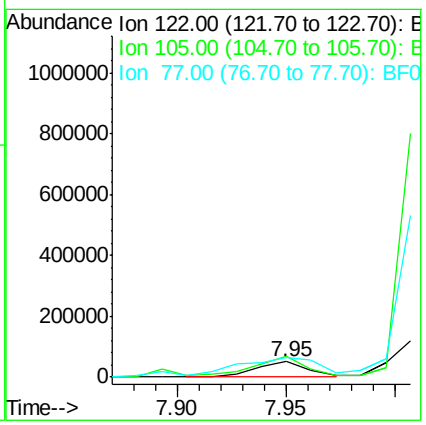
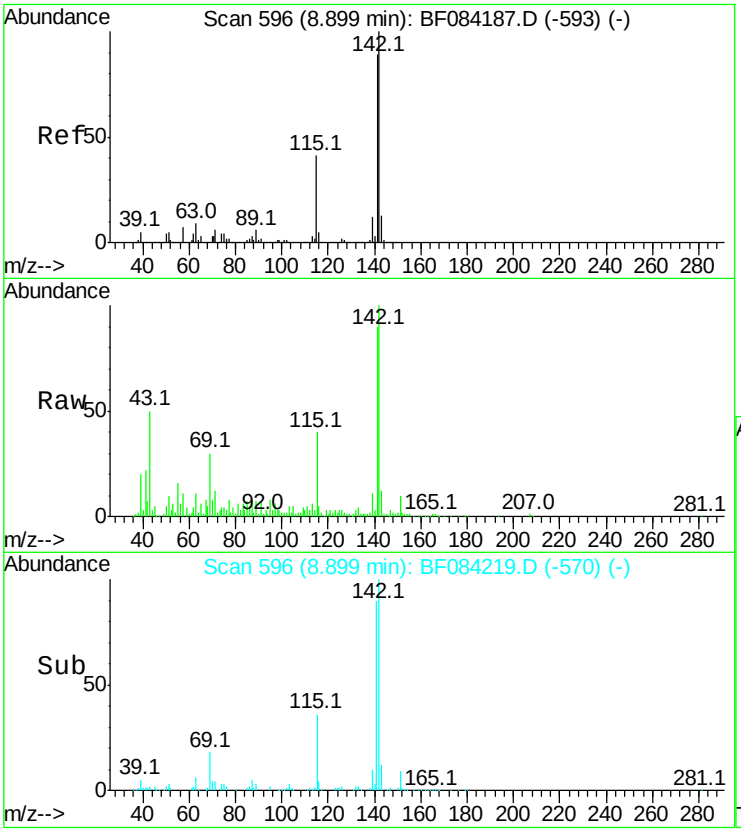


#32
Benzoic acid
Concen: 12.22 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:122 Resp: 82281

Ion	Ratio	Lower	Upper
122	100		
105	134.7	100.3	140.3
77	131.5	63.5	103.5#

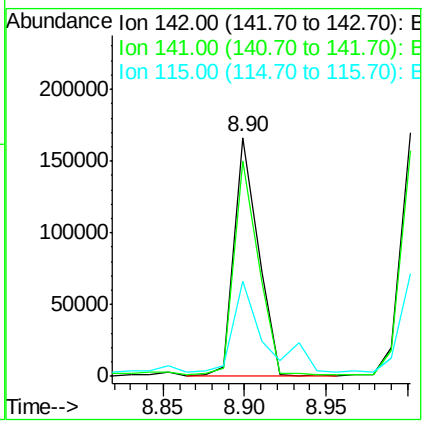




#37
2-Methylnaphthalene
Concen: 4.65 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:142 Resp: 168035

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.4	108.6
115	39.9	27.9	41.9



Instrument :
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ClientSampleId :
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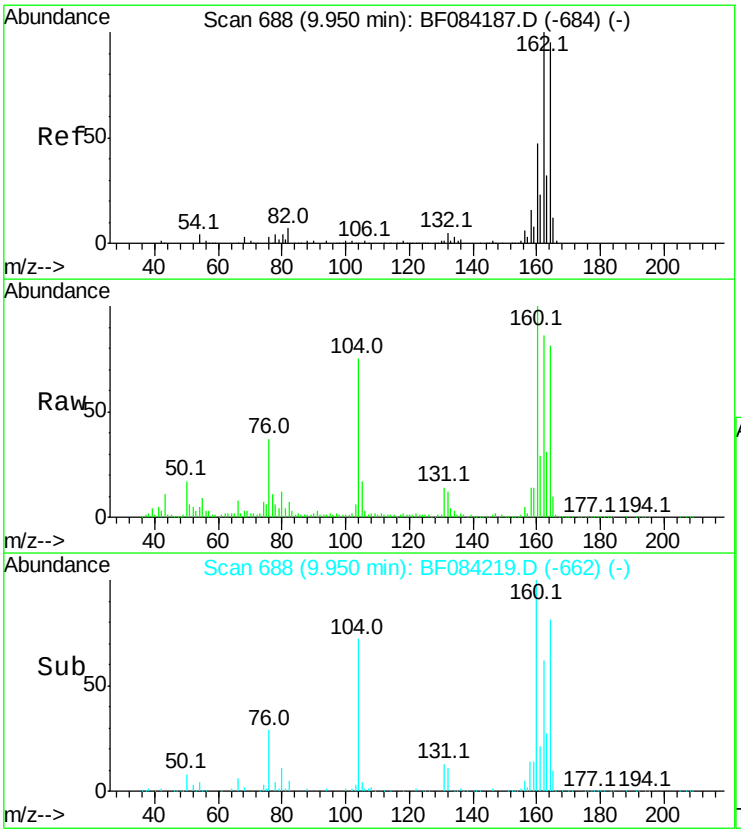
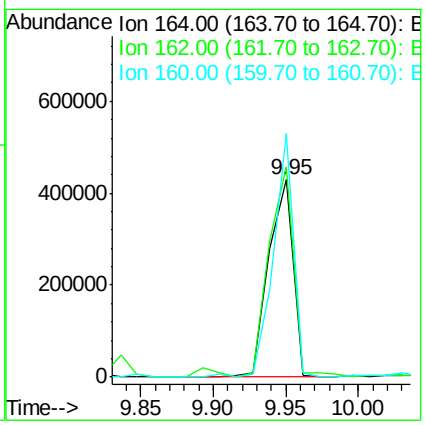
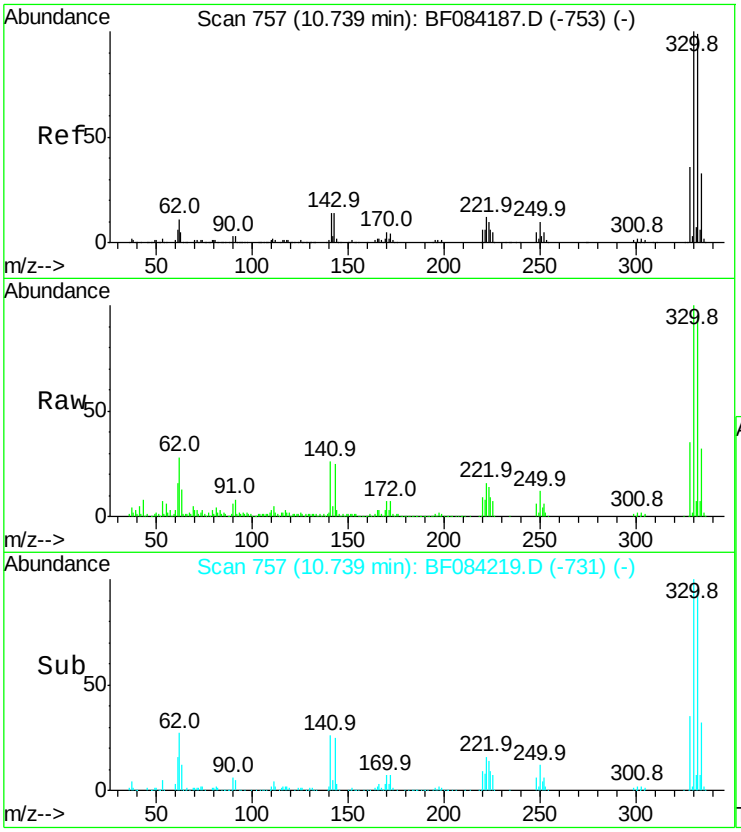


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:164 Resp: 494010

Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.1	127.7
160	123.3	37.5	56.3#

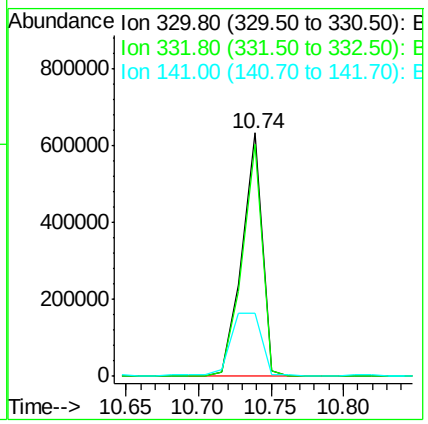




#41
2,4,6-Tribromophenol
Concen: 123.38 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:330 Resp: 615370

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	114.8
141	38.6	27.8	41.6



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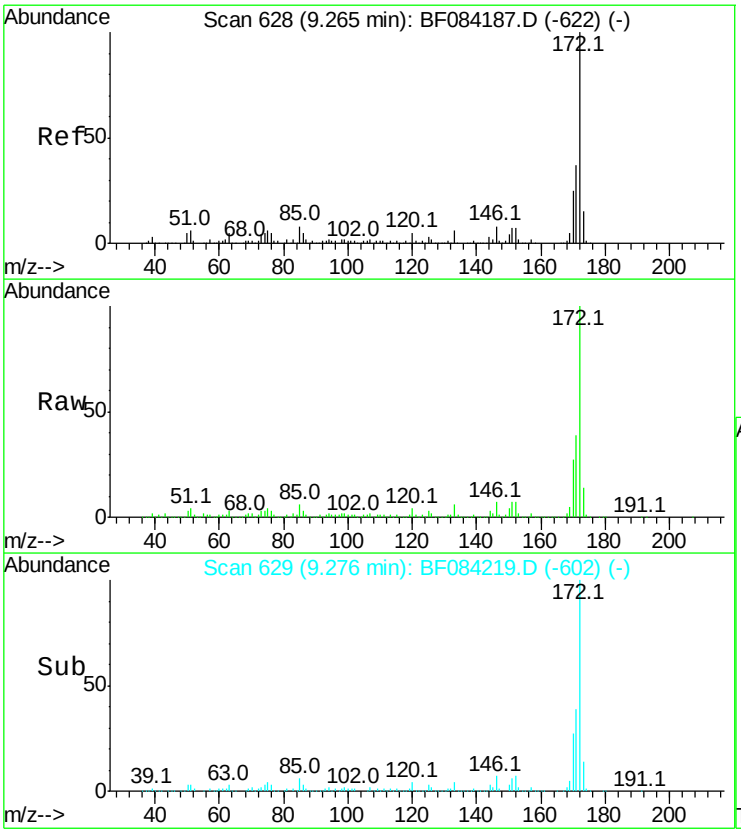
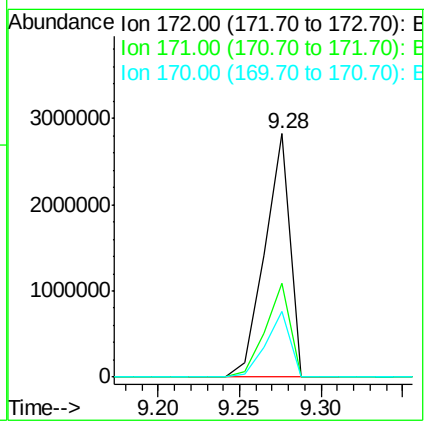
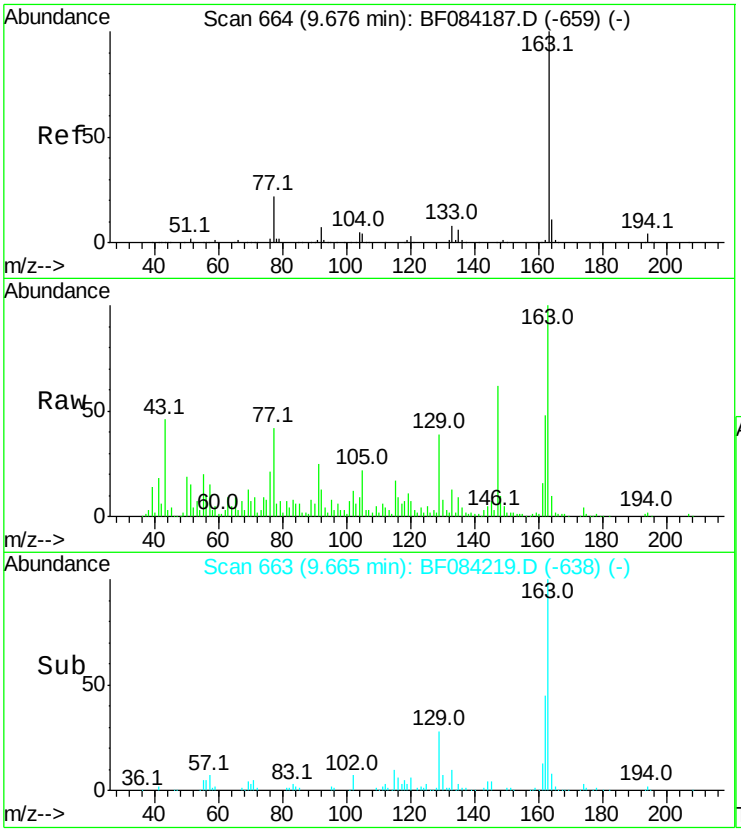


#44
2-Fluorobiphenyl
Concen: 109.77 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:172 Resp: 3030828

Ion	Ratio	Lower	Upper
172	100		
171	38.6	28.9	43.3
170	27.2	18.6	27.8

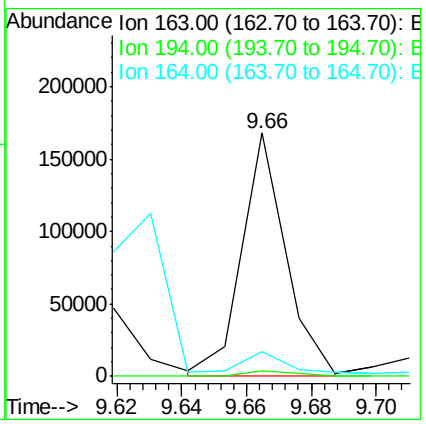




#49
Dimethylphthalate
Concen: 4.49 ng m
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:163 Resp: 158646

Ion	Ratio	Lower	Upper
163	100		
194	2.5	8.0	12.0#
164	10.0	8.0	12.0



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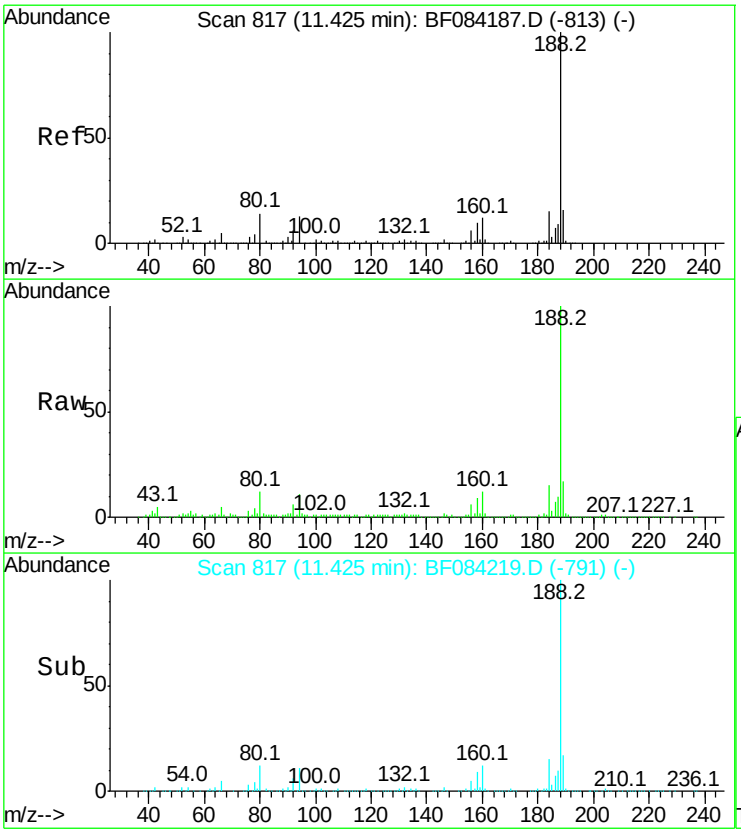
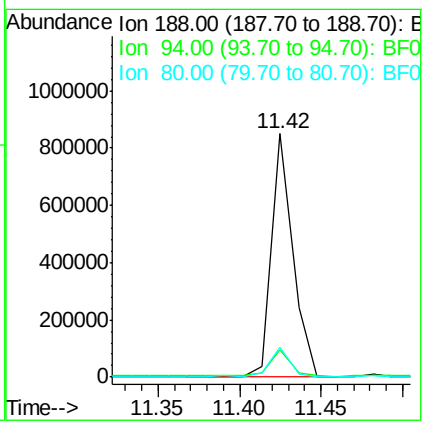
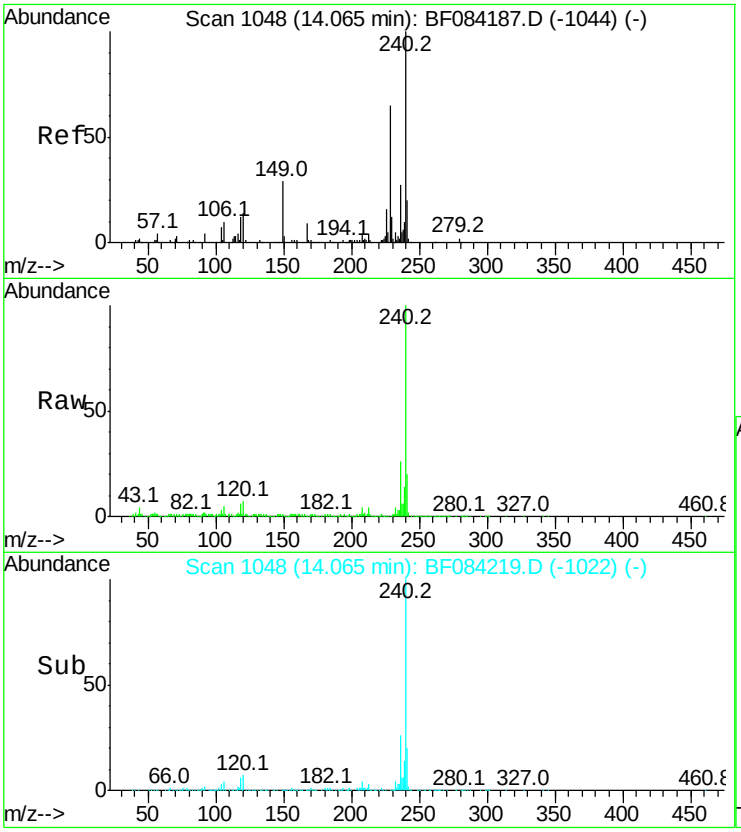


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:188 Resp: 778847

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.4
80	12.1	9.6	14.4

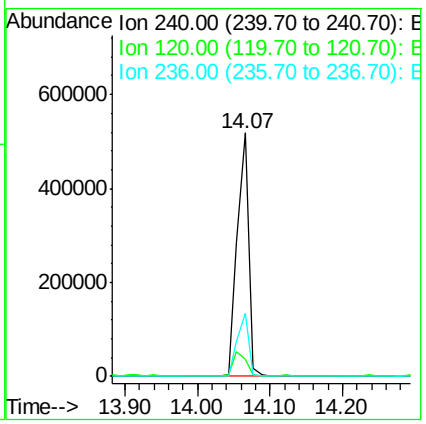




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:240 Resp: 569150

Ion	Ratio	Lower	Upper
240	100		
120	7.2	9.5	14.3#
236	25.9	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
S8-0530

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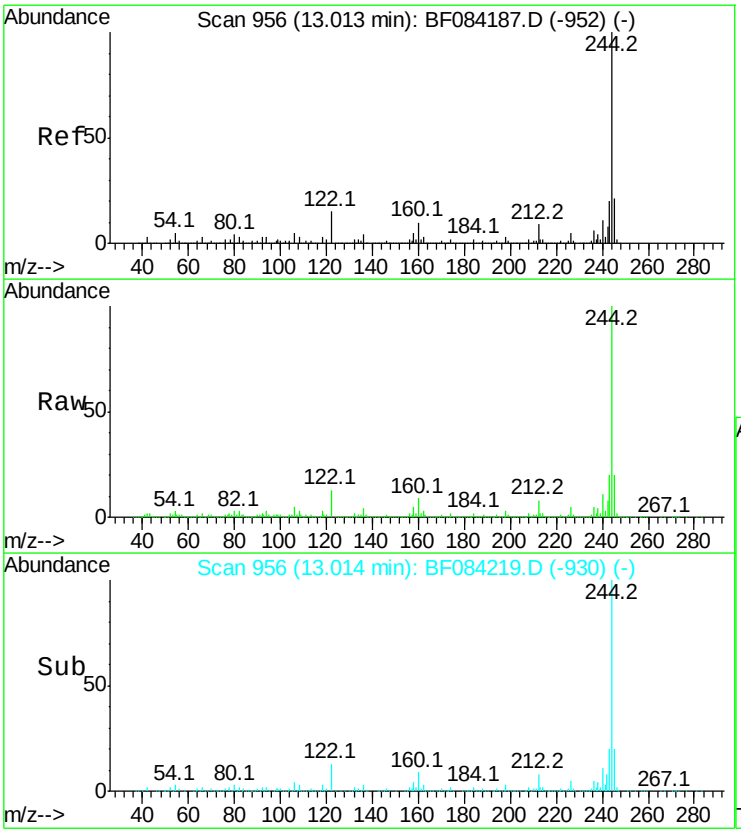
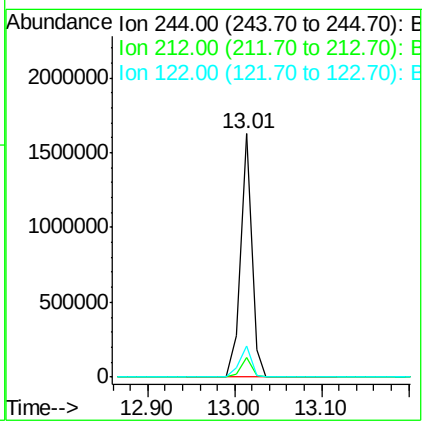
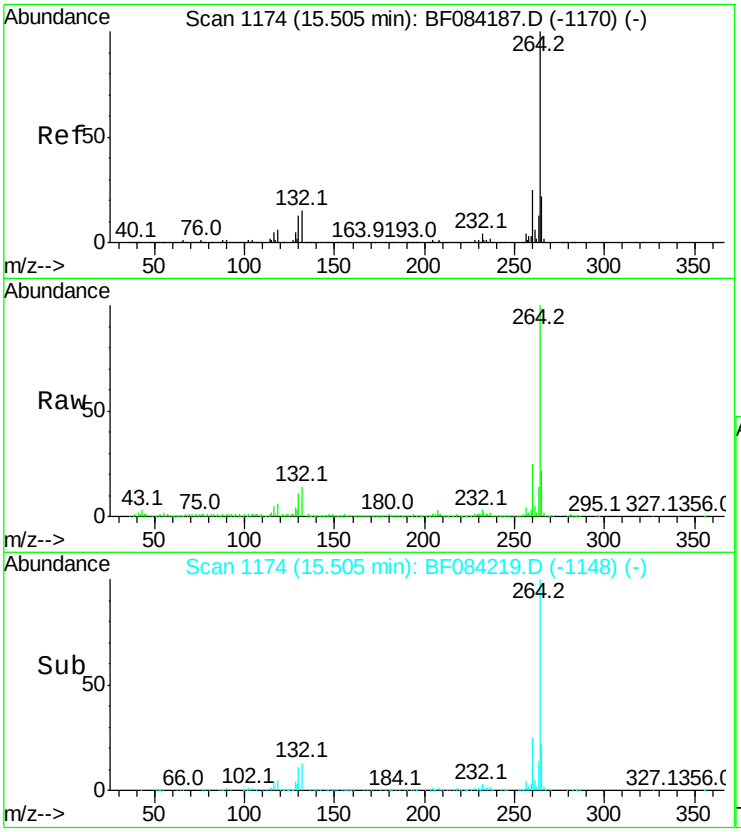


#78
Terphenyl-d14
Concen: 56.47 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:244 Resp: 1439736

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	12.9	7.4	11.0#

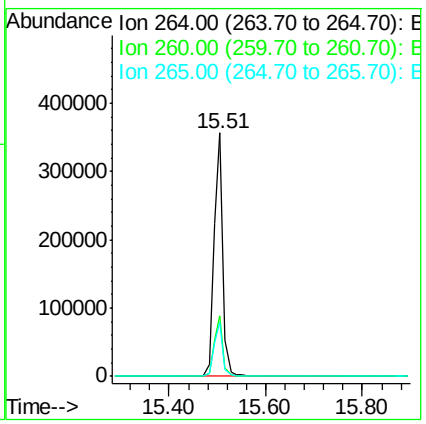




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:264 Resp: 464403

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.0	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
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