

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086433.D
 Acq On : 27 Apr 2016 19:35
 Operator : UM/SJ
 Sample : H2724-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-B1(0-5)-C

Manual Integrations
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Quant Time: Apr 28 13:16:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	115163	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	487635	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	208439	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	358291	20.00	ng	0.00
75) Chrysene-d12	13.95	240	245273	20.00	ng	-0.01
86) Perylene-d12	15.36	264	261561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	968372	145.04	ng	0.01
7) Phenol-d6	6.44	99	1268172	136.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	843723	93.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	297623	135.40	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1360030	125.50	ng	0.00
78) Terphenyl-d14	12.91	244	840256	75.47	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	131530	8.38	ng	99
74) Fluoranthene	12.53	202	62323	3.28	ng	92
77) Pyrene	12.75	202	76482	4.33	ng	96
80) Benzo(a)anthracene	13.94	228	35831m	2.74	ng	
82) Chrysene	13.97	228	36544m	2.57	ng	
83) Bis(2-ethylhexyl)phthalate	13.94	149	24436	2.57	ng	# 96
87) Benzo(b)fluoranthene	14.96	252	49668m	3.23	ng	
89) Benzo(a)pyrene	15.30	252	34907	2.40	ng	# 96

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

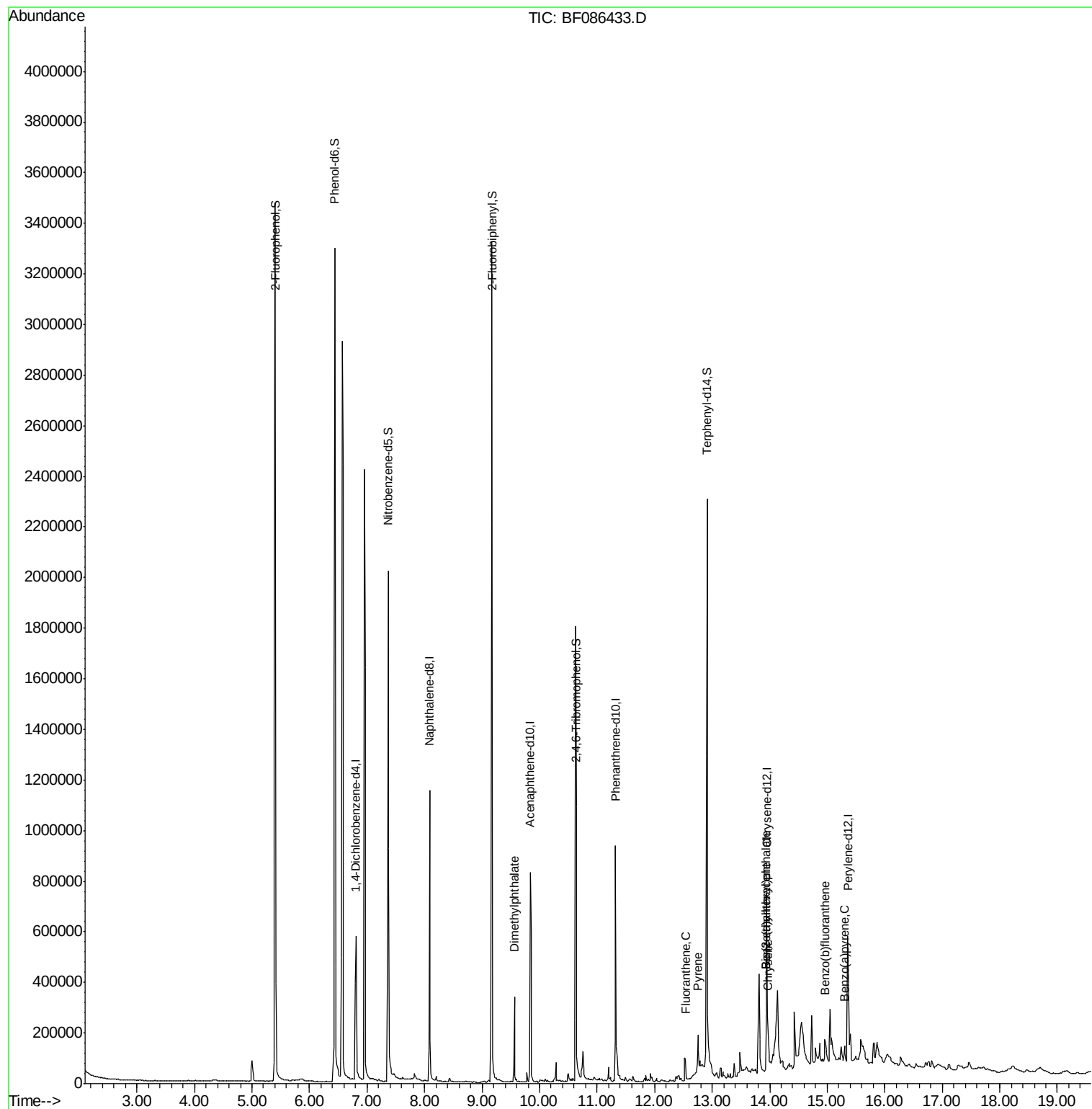
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086433.D
Acq On : 27 Apr 2016 19:35
Operator : UM/SJ
Sample : H2724-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

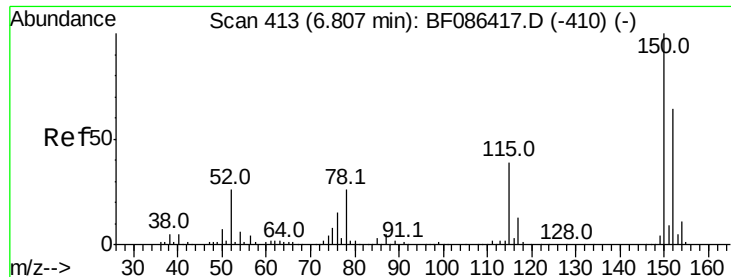
Instrument :
BNA_F
ClientSampleId :
TH-B1(0-5)-C

Manual Integrations
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Quant Time: Apr 28 13:16:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
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#1

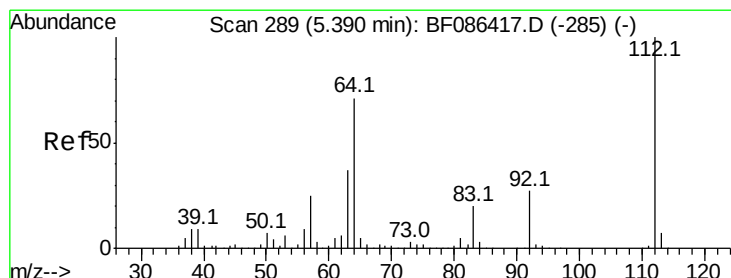
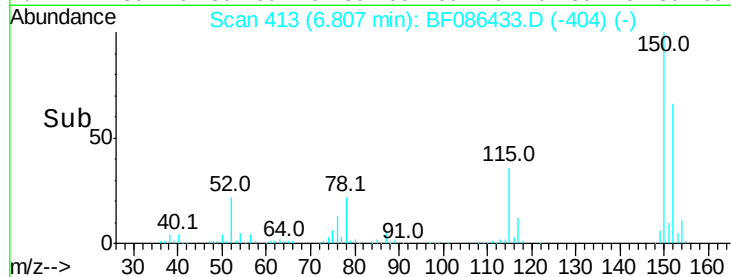
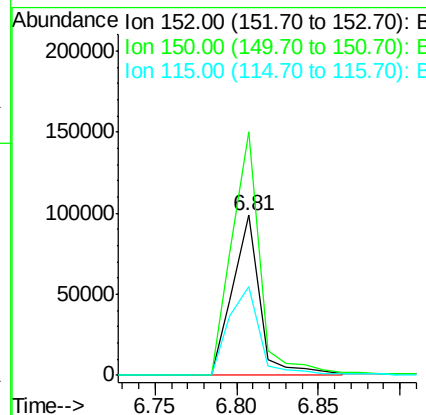
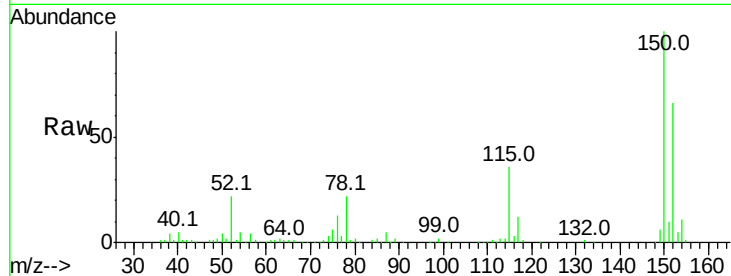
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TH-B1(0-5)-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	125.8	188.6
115	55.1	51.5	77.3

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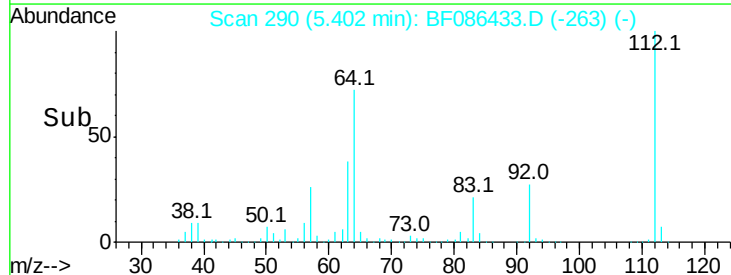
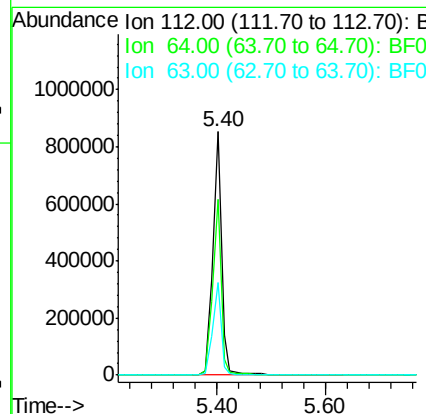
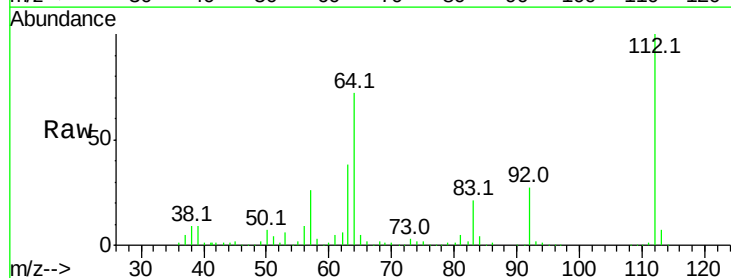
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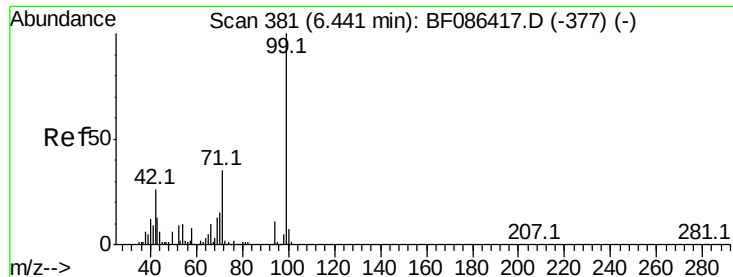


#5

2-Fluorophenol
Concen: 145.04 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	52.1	78.1
63	38.0	25.7	38.5





#7

Phenol-d6

Concen: 136.09 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

Instrument :

BNA_F

ClientSampled :

TH-B1(0-5)-C

Tot Ion: 99 Resp: 1268172

Ion Ratio Lower Upper

99 100

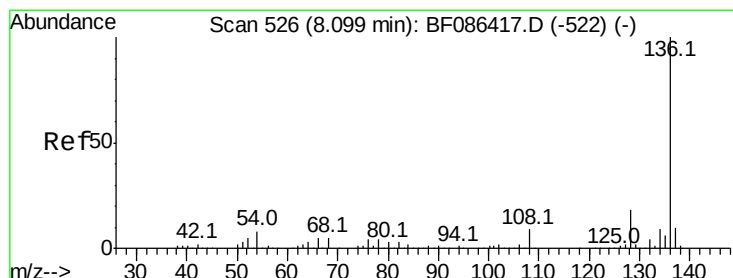
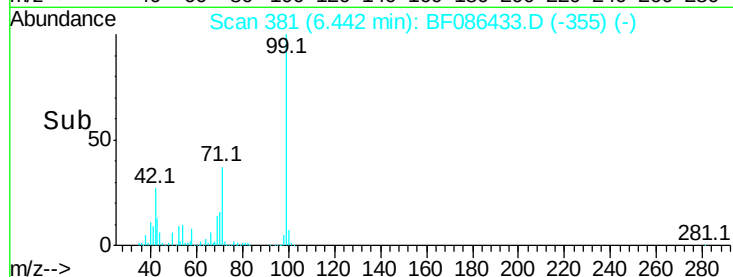
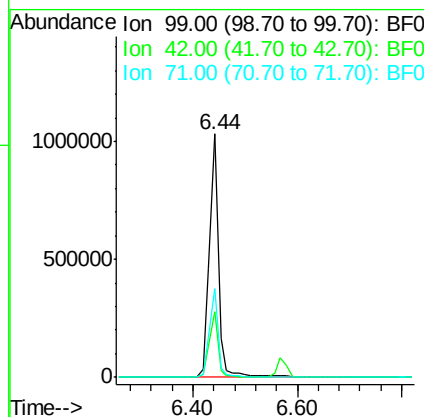
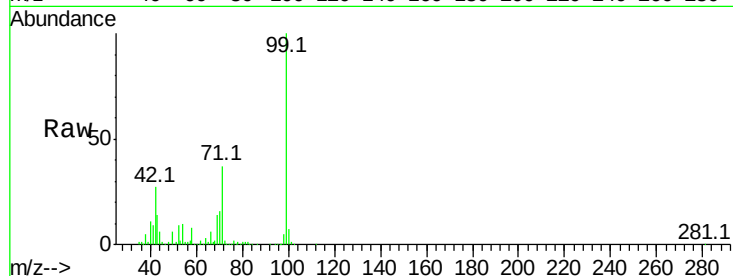
42 27.2 13.6 20.4#

71 36.6 24.6 36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

Tgt Ion: 136 Resp: 487635

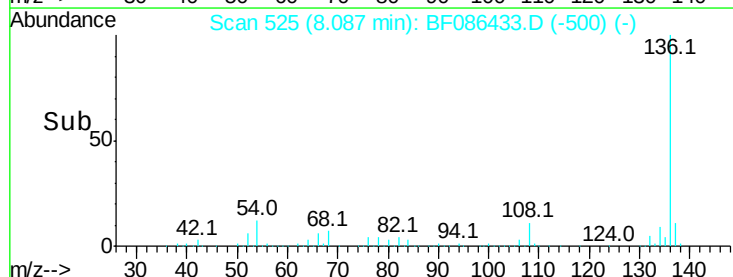
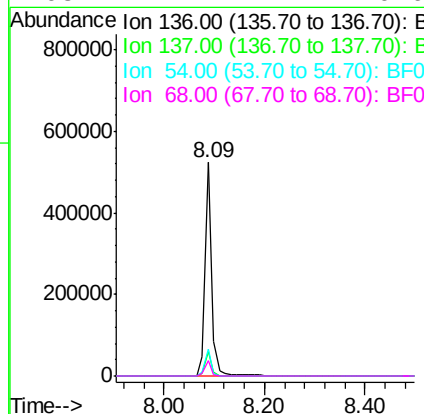
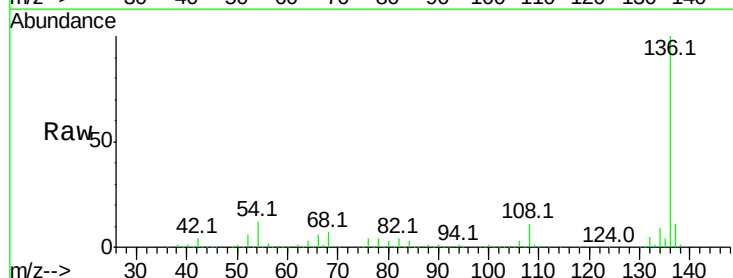
Ion Ratio Lower Upper

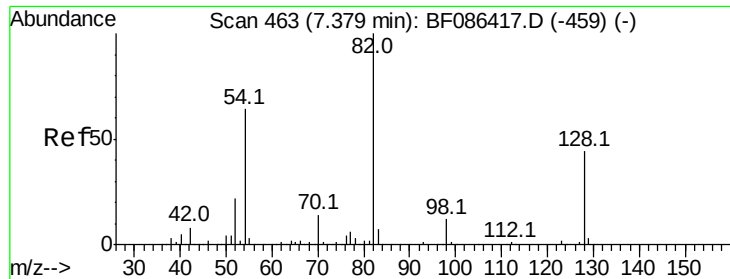
136 100

137 11.2 8.8 13.2

54 12.4 5.0 7.4#

68 7.4 4.4 6.6#





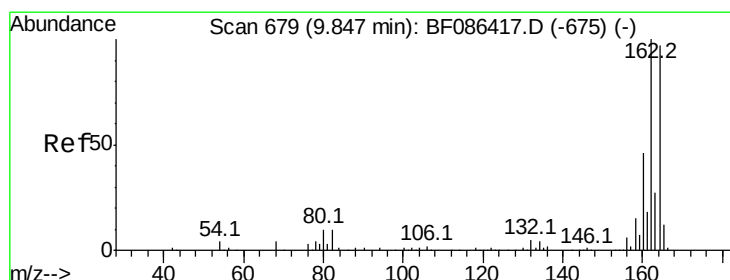
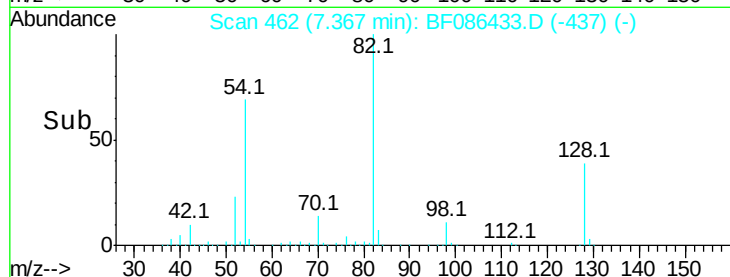
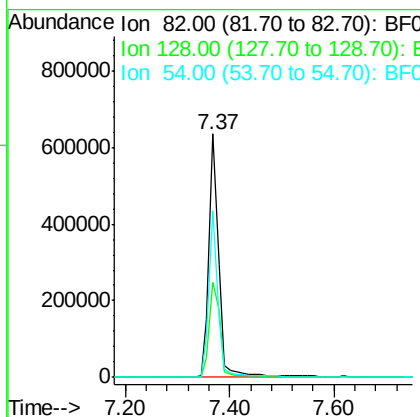
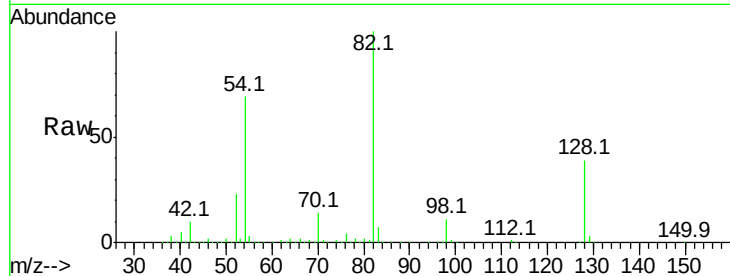
#23
 Nitrobenzene-d5
 Concen: 93.26 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 TH-B1(0-5)-C

Tot Ion	82	Resp	843723
Ion Ratio	100	Lower	Upper
82	100		
128	39.0	40.6	61.0#
54	68.5	38.1	57.1#

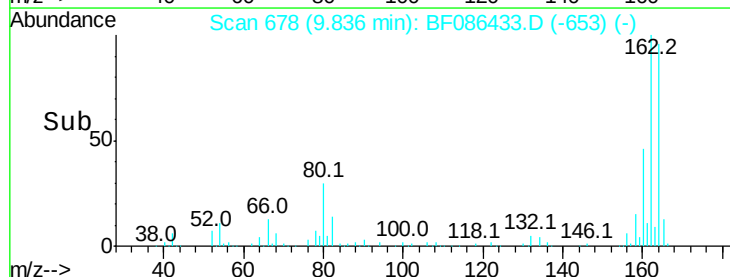
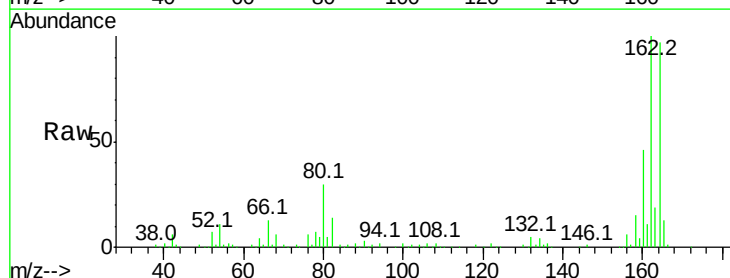
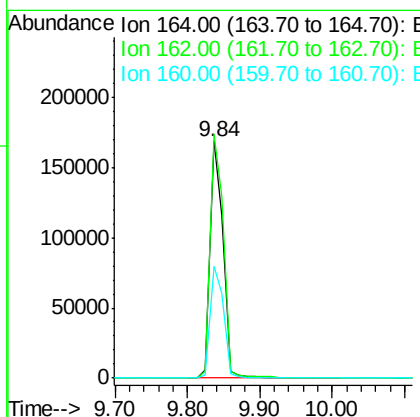
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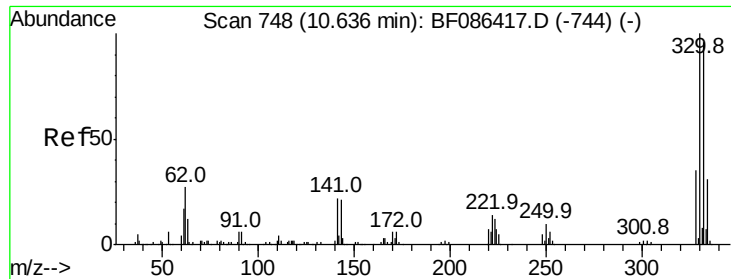
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Tgt Ion	164	Resp	208439
Ion Ratio	100	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	47.1	36.9	55.3





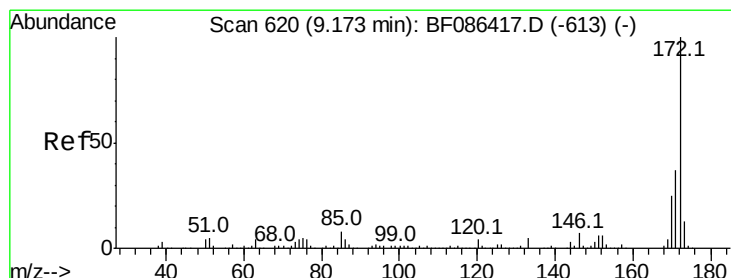
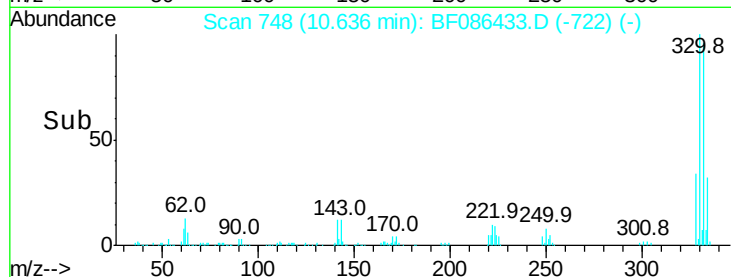
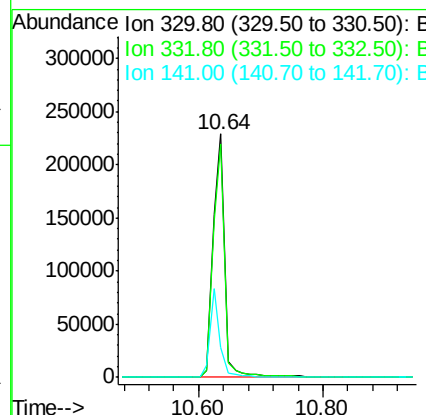
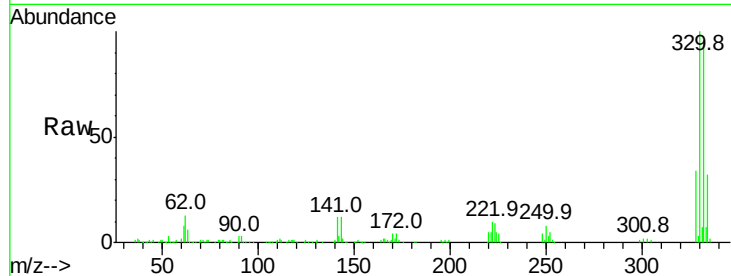
#41
 2,4,6-Tribromophenol
 Concen: 135.40 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 TH-B1(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	297623		
332	96.5	79.0	118.4	
141	31.1	31.2	46.8#	

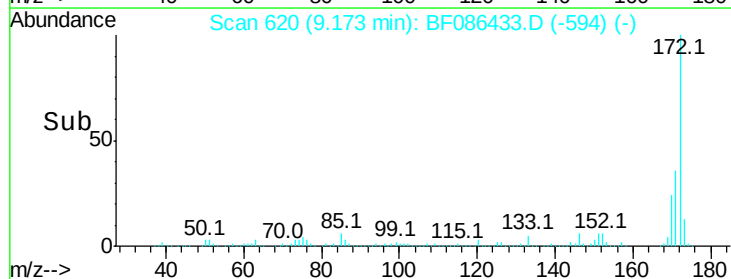
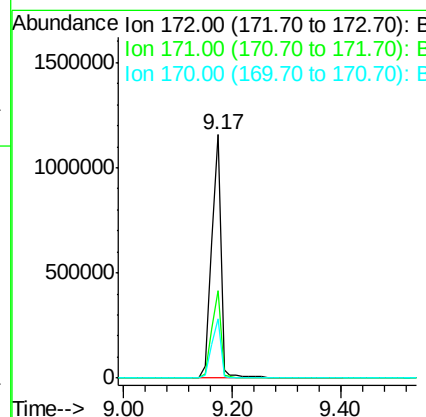
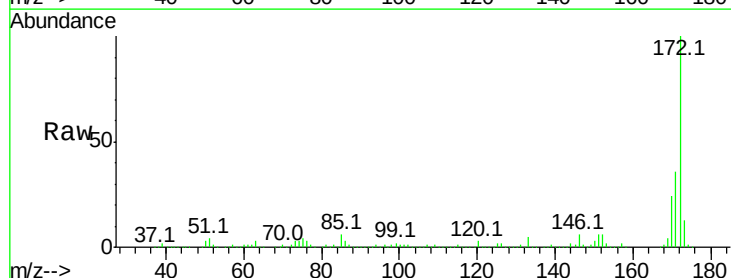
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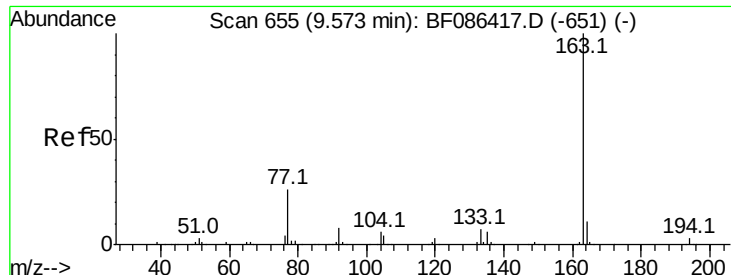
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#44
 2-Fluorobiphenyl
 Concen: 125.50 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1360030		
171	36.1	29.0	43.6	
170	24.2	19.8	29.8	





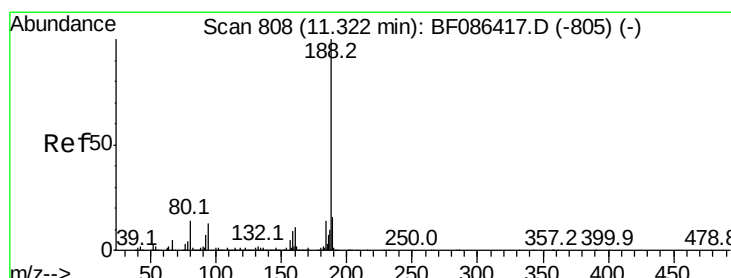
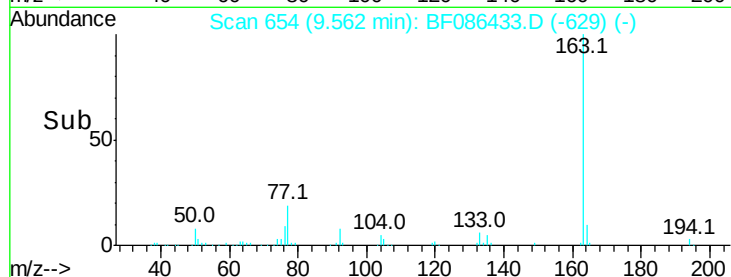
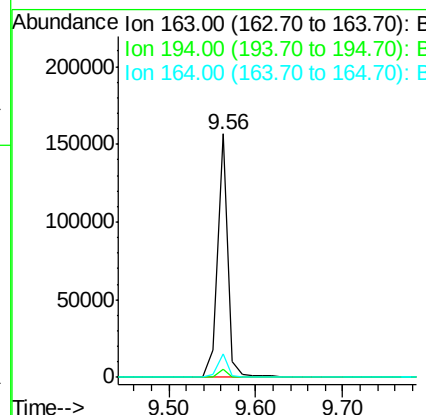
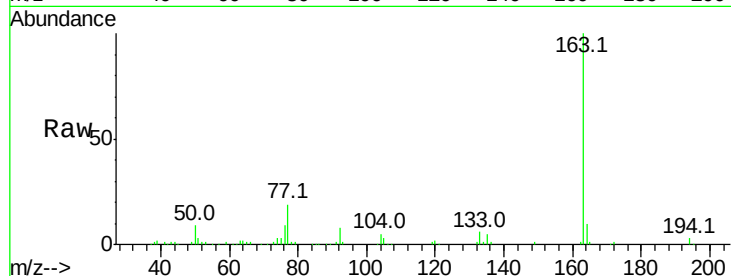
#49
Dimethylphthalate
Concen: 8.38 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TH-B1(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	9.7	8.2	12.4	

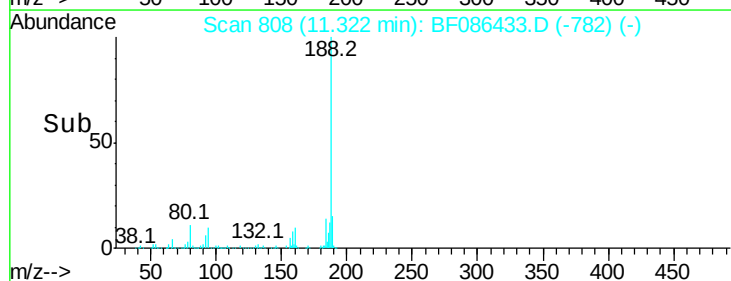
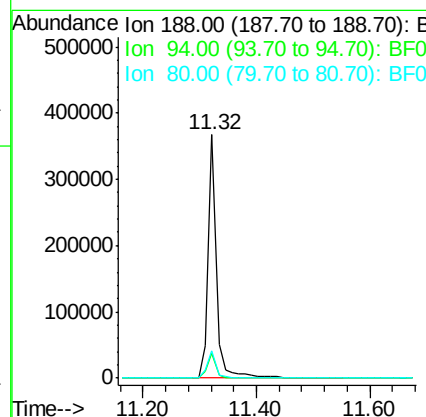
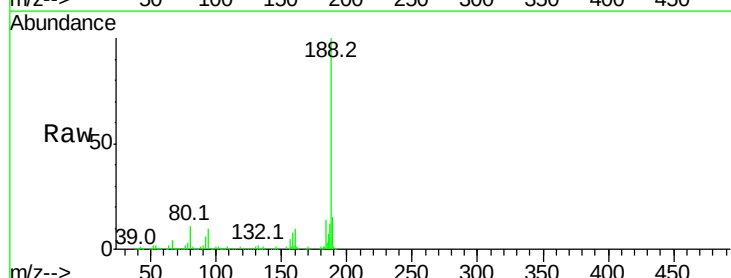
Manual Integrations
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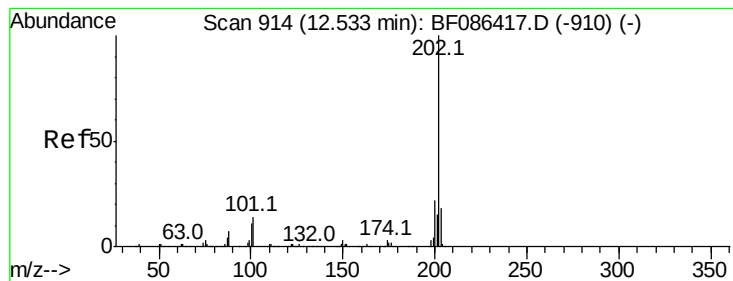
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.3	6.8	10.2#	
80	11.4	7.1	10.7#	





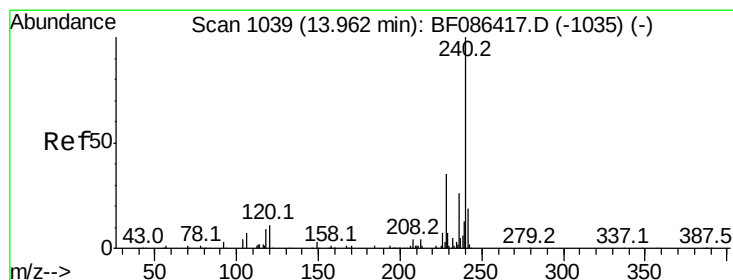
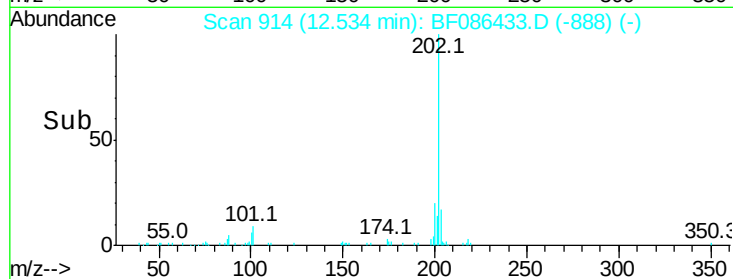
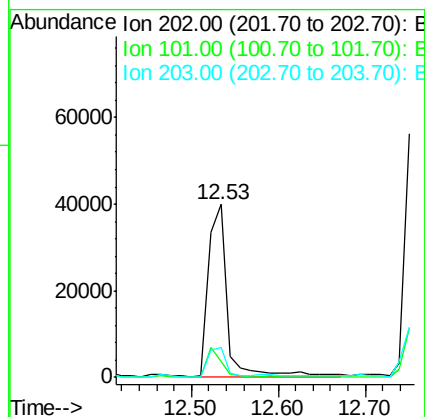
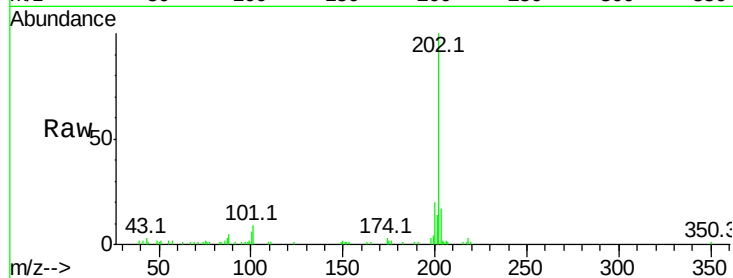
#74
 Fluoranthene
 Concen: 3.28 ng
 RT: 12.53 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 TH-B1(0-5)-C

Tot Ion:	202	Resp:	62323
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	35.4
203	17.4	0.0	38.1

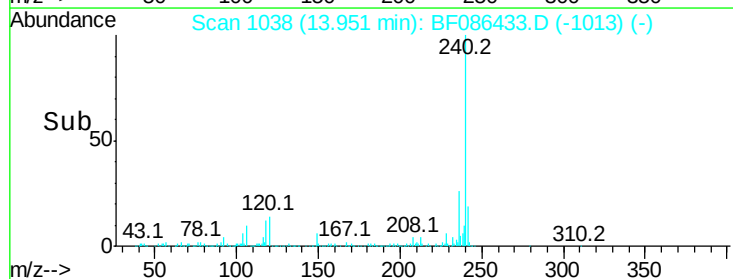
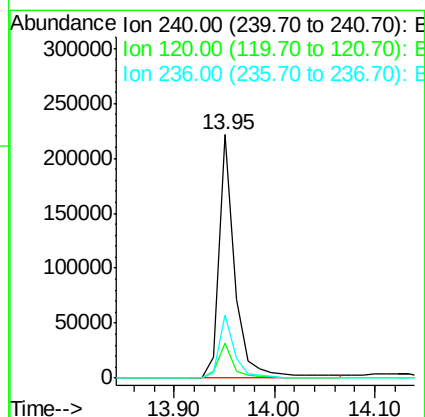
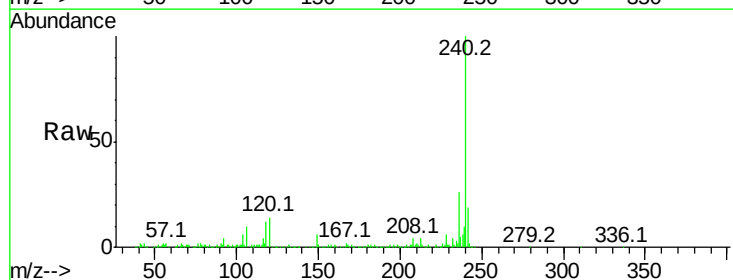
Manual Integrations
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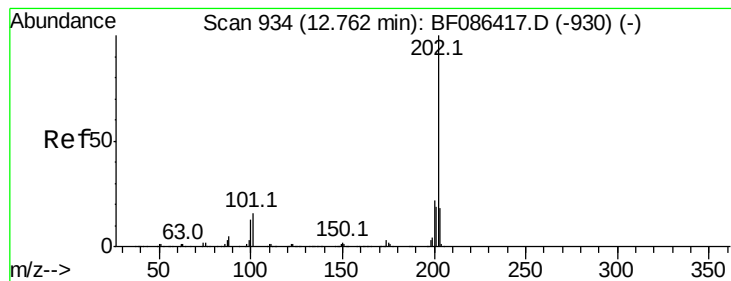
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Tgt Ion:	240	Resp:	245273
Ion Ratio	Lower	Upper	
240	100		
120	14.4	11.2	16.8
236	25.9	21.2	31.8





#77

Pvrene

Concen: 4.33 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

Instrument :

BNA_F

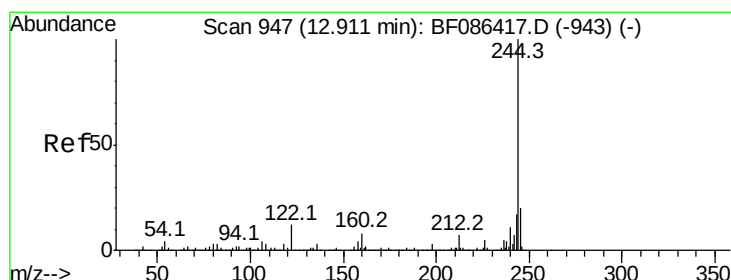
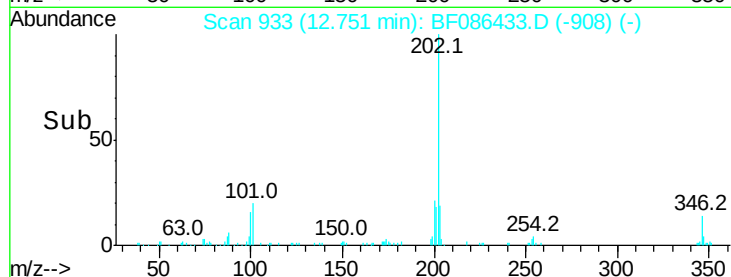
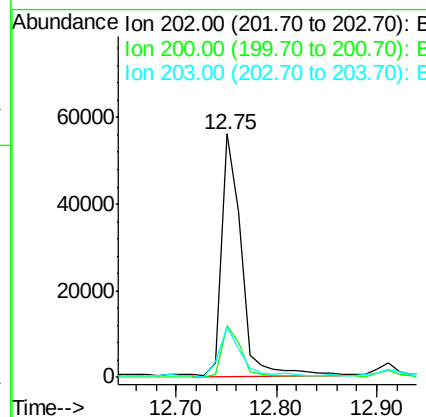
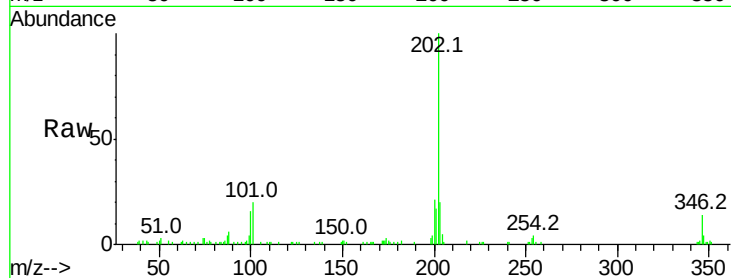
ClientSampleId :

TH-B1(0-5)-C

Tot Ion:	202	Resp:	76482
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.7	26.5
203	20.5	14.2	21.4

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#78

Terphenyl-d14

Concen: 75.47 ng

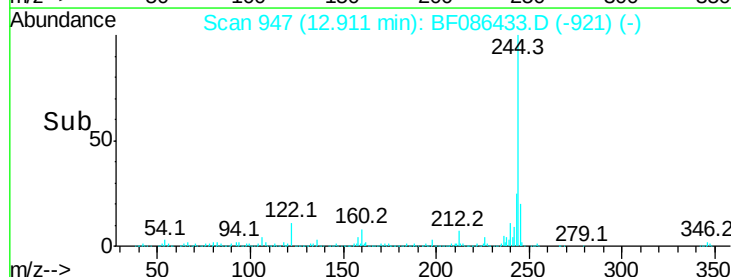
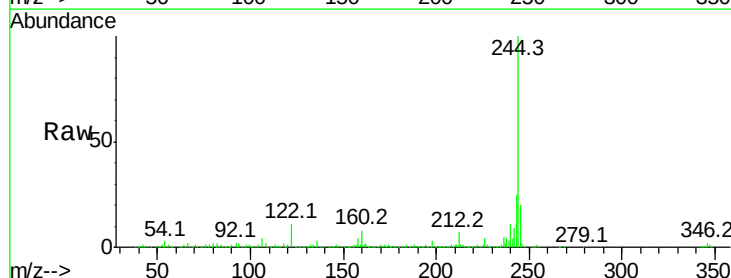
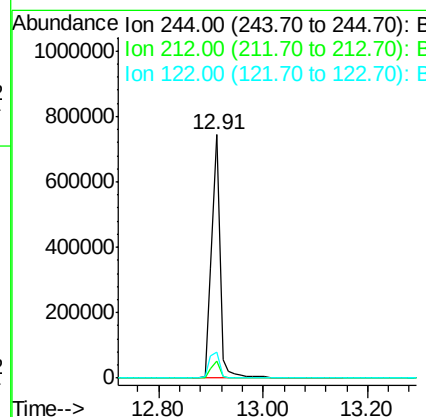
RT: 12.91 min Scan# 947

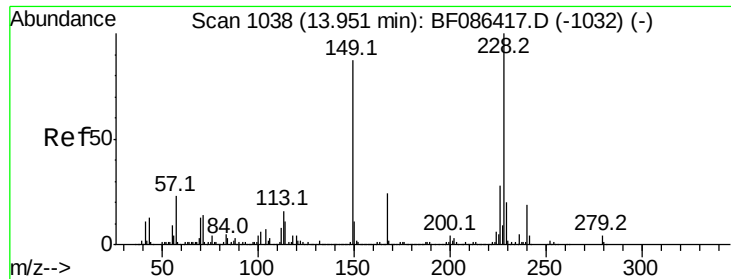
Delta R.T. 0.00 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

Tgt Ion:	244	Resp:	840256
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.2	9.2
122	10.9	12.0	18.0#





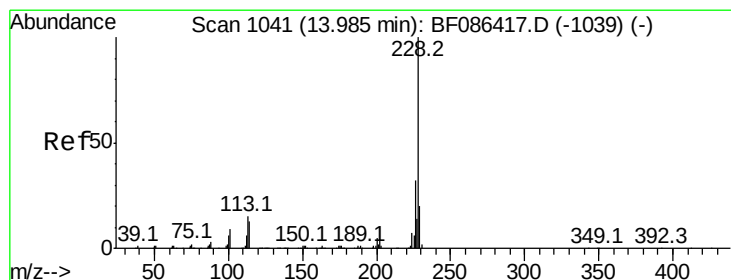
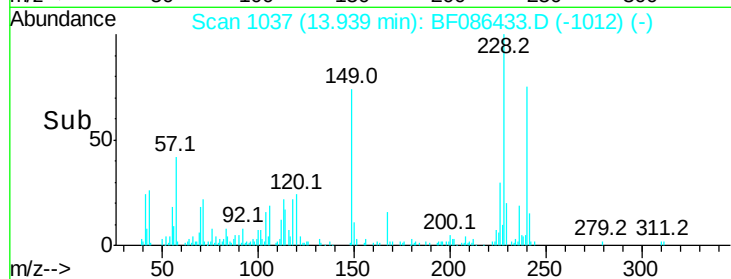
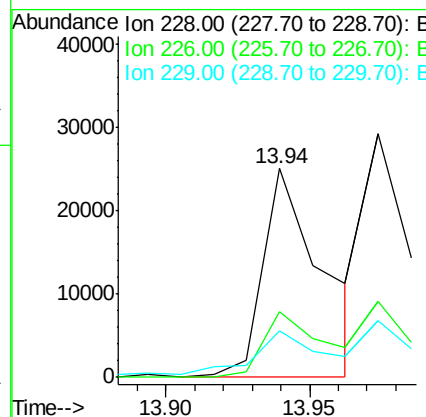
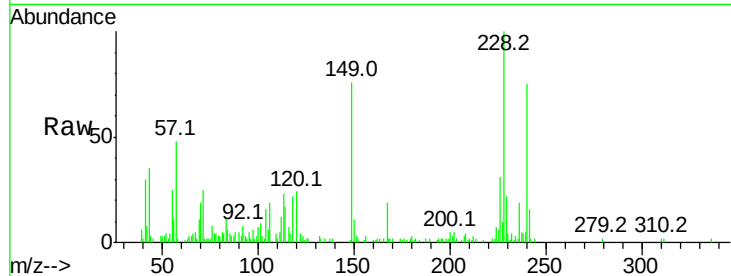
#80
Benzo(a)anthracene
Concen: 2.74 ng m
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TH-B1(0-5)-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.5	33.7
229	22.3	16.6	25.0

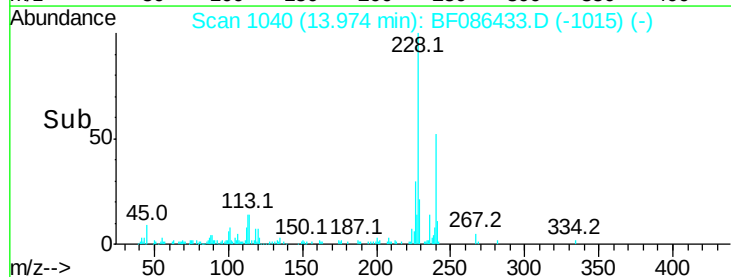
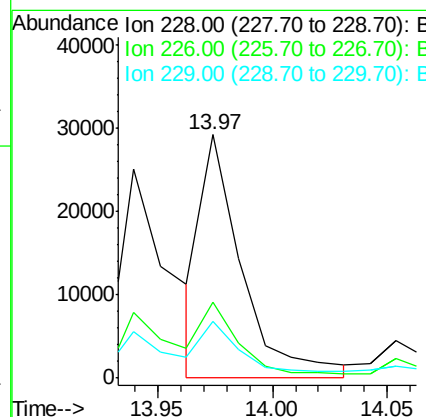
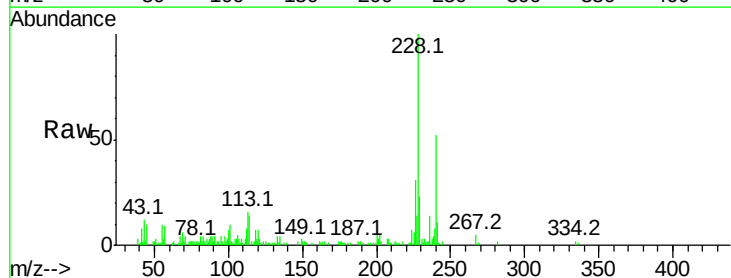
Manual Integrations
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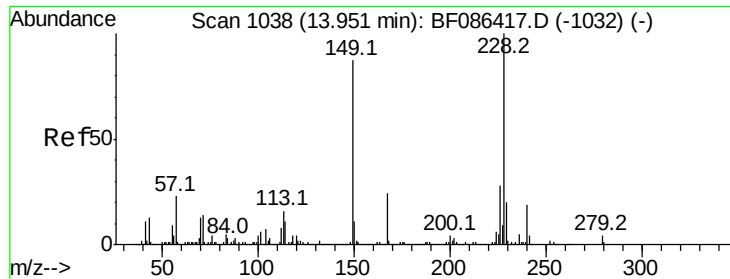
sohil
4/28/2016 2:14:10 PM



#82
Chrysene
Concen: 2.57 ng m
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	23.3	15.8	23.8





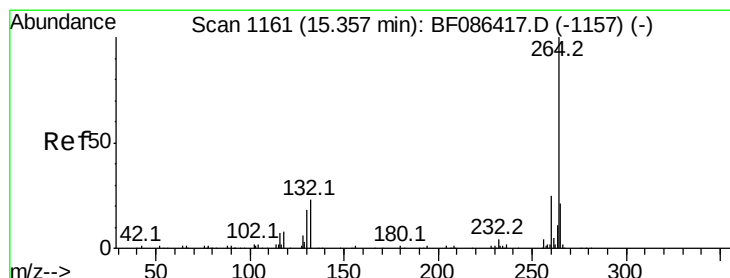
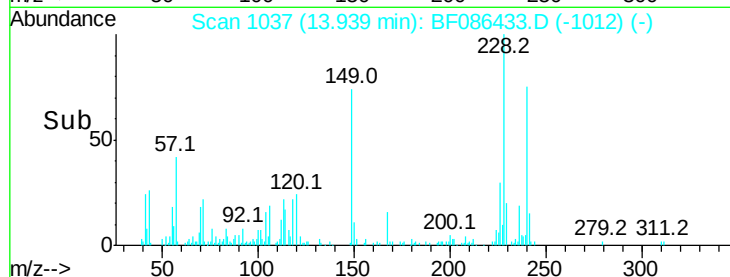
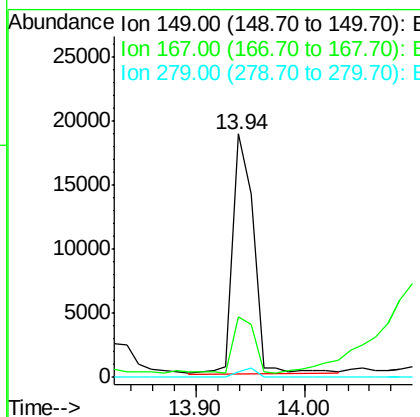
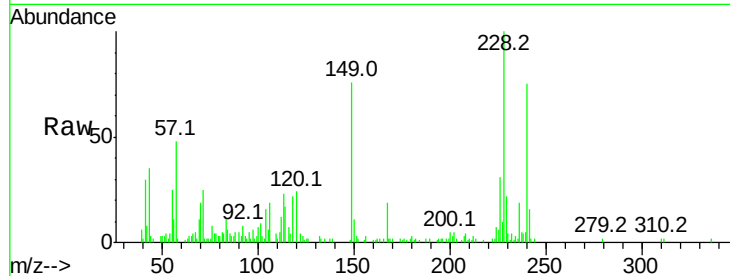
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.57 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Instrument :
 BNA_F
 ClientSampled :
 TH-B1(0-5)-C

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.8	32.6
279	2.1	2.6	4.0

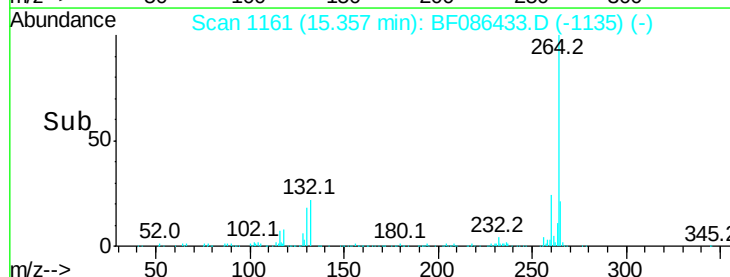
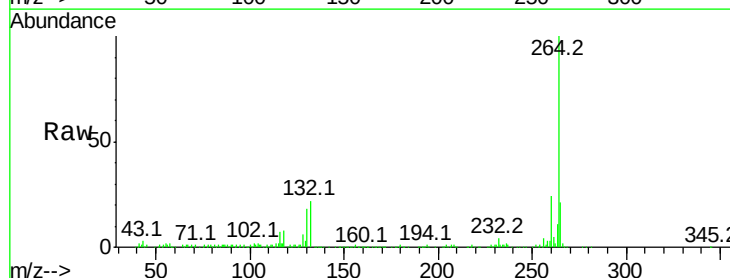
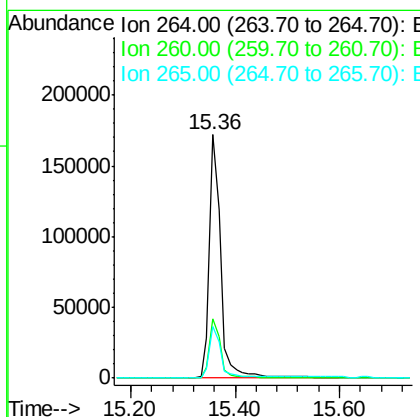
Manual Integrations
 APPROVED

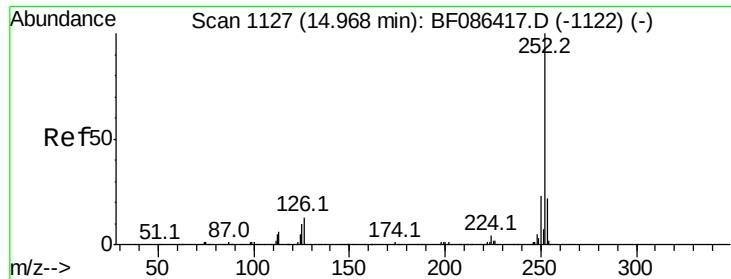
sohil
 4/28/2016 2:14:10 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.1	17.3	25.9





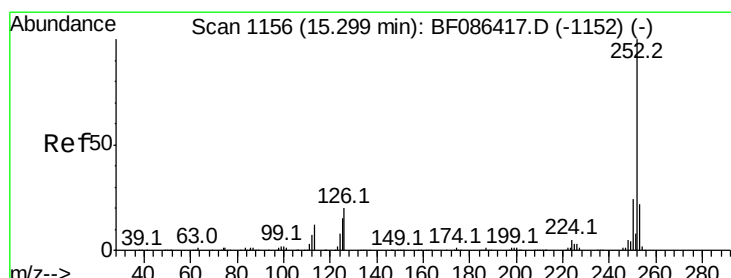
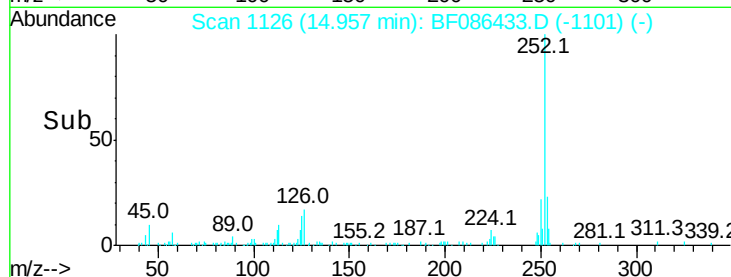
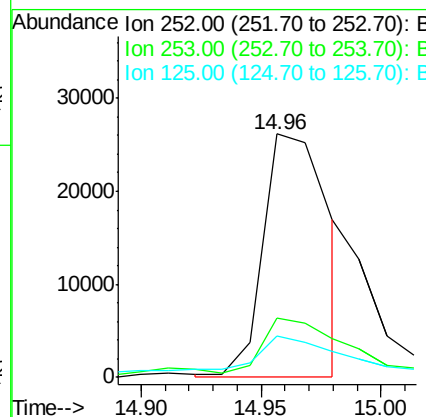
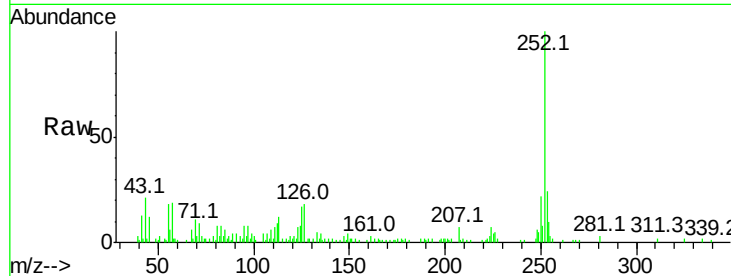
#87
Benzo(b)fluoranthene
Concen: 3.23 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TH-B1(0-5)-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	17.1	11.4	17.0

Manual Integrations
APPROVED

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4/28/2016 2:14:10 PM



#89
Benzo(a)pyrene
Concen: 2.40 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	14.1	9.0	13.6

