

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085890.D
 Acq On : 30 Mar 2016 17:03
 Operator : UM/SJ
 Sample : H1970-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Manual Integrations
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Sohil
 3/31/2016 4:51:49 PM

Quant Time: Mar 31 16:04:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102702	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	426340	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	185744	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	336635	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	223774	20.00	ng	-0.01
86) Perylene-d12	15.37	264	204910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	642654	104.21	ng	0.00
7) Phenol-d6	6.44	99	805913	102.79	ng	-0.01
23) Nitrobenzene-d5	7.36	82	463056	61.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	188906	107.04	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	682911	61.43	ng	-0.01
78) Terphenyl-d14	12.90	244	501610	46.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	172605	12.25	ng	99
70) Phenanthrene	11.34	178	55082	3.19	ng	99
74) Fluoranthene	12.53	202	62031	3.38	ng	97
77) Pyrene	12.76	202	51299	2.79	ng	98
87) Benzo(b)fluoranthene	14.97	252	28033m	2.17	ng	

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

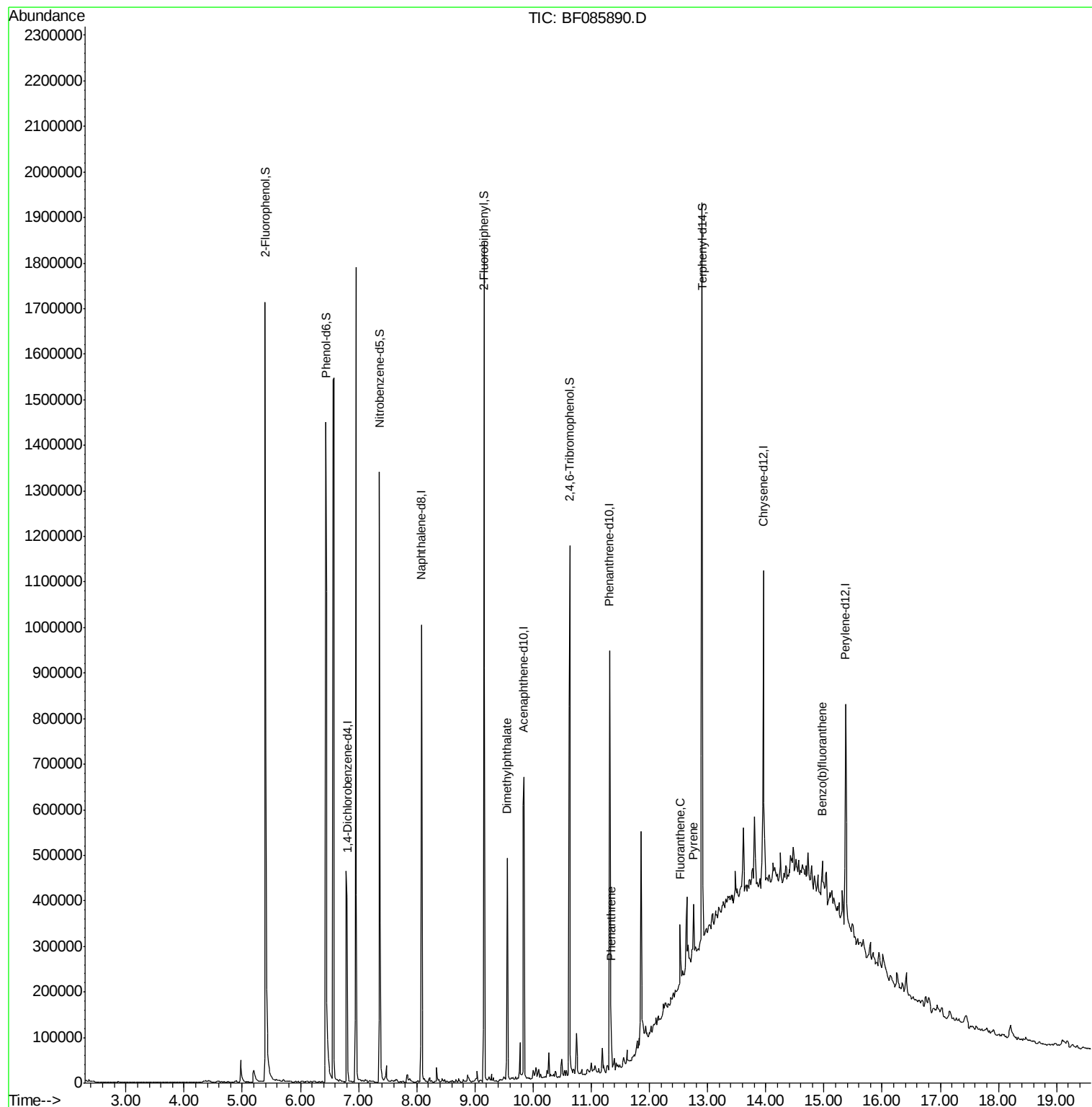
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085890.D
Acq On : 30 Mar 2016 17:03
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Sample : H1970-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085890.D

Acq: 30 Mar 2016 17:03

Instrument :

BNA_F

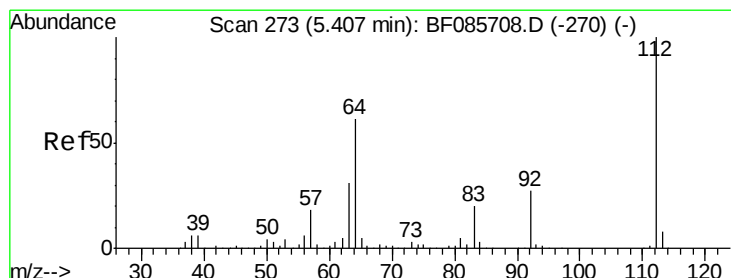
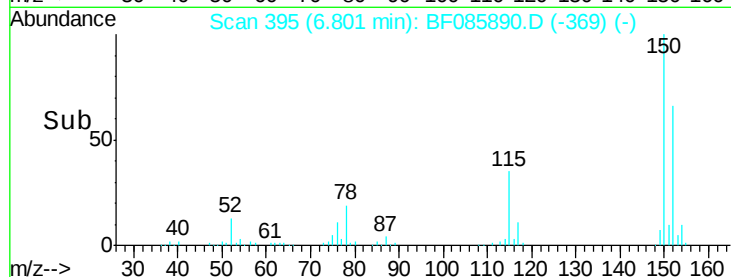
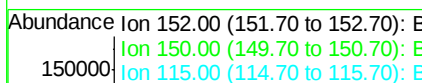
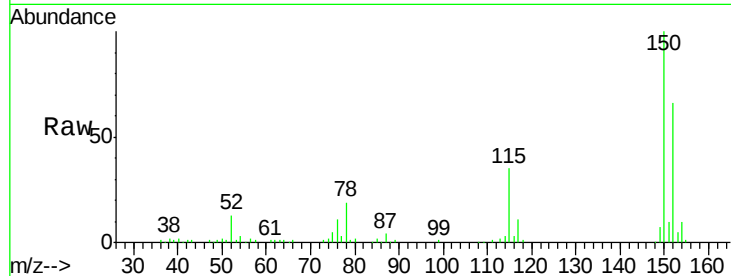
ClientSampleId :

TP-4

Tgt	Ion:152	Resp:	102702
Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.2	186.2
115	52.7	47.0	70.6

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#5

2-Fluorophenol

Concen: 104.21 ng

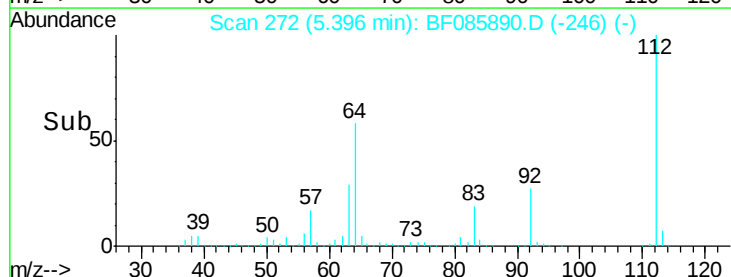
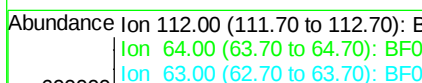
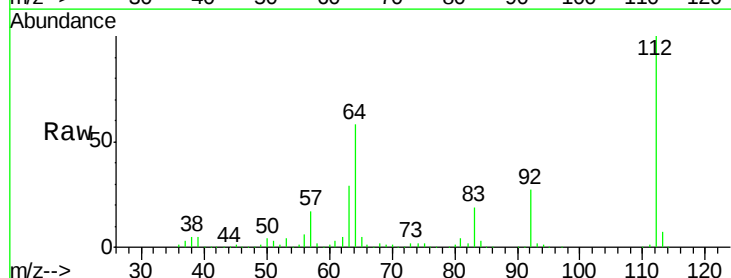
RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085890.D

Acq: 30 Mar 2016 17:03

Tgt	Ion:112	Resp:	642654
Ion	Ratio	Lower	Upper
112	100		
64	58.3	39.9	59.9
63	29.2	20.2	30.2





#7

Phenol-d6

Concen: 102.79 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085890.D

Acq: 30 Mar 2016 17:03

Instrument :

BNA_F

ClientSampleId :

TP-4

Tgt Ion: 99 Resp: 805913

Ion Ratio Lower Upper

99 100

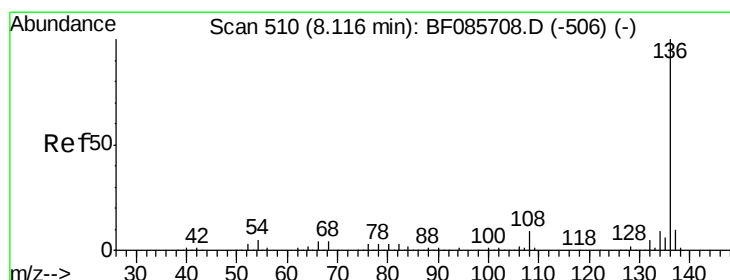
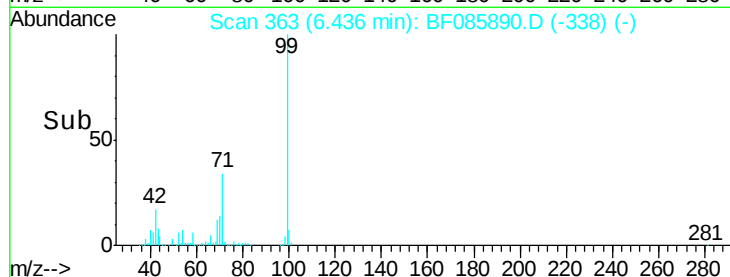
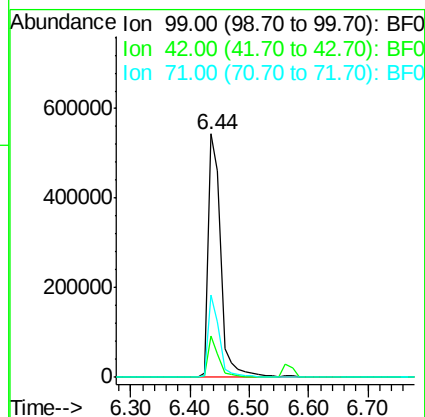
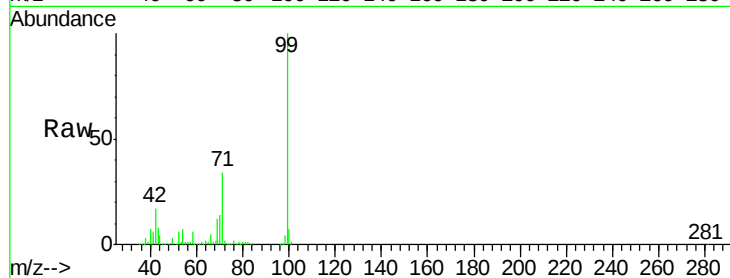
42 17.0 11.1 16.7#

71 34.0 24.9 37.3

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085890.D

Acq: 30 Mar 2016 17:03

Tgt Ion: 136 Resp: 426340

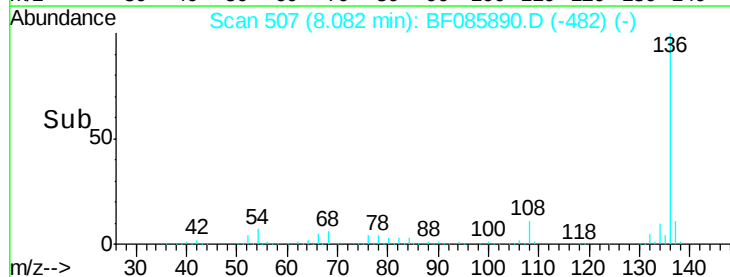
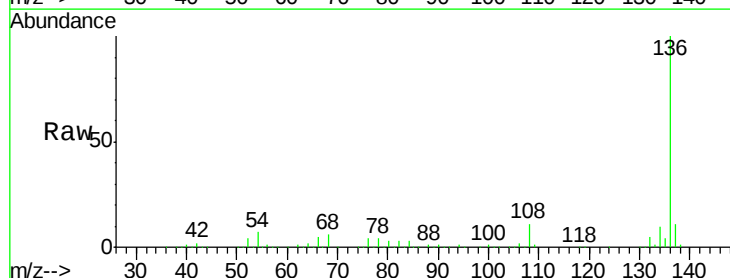
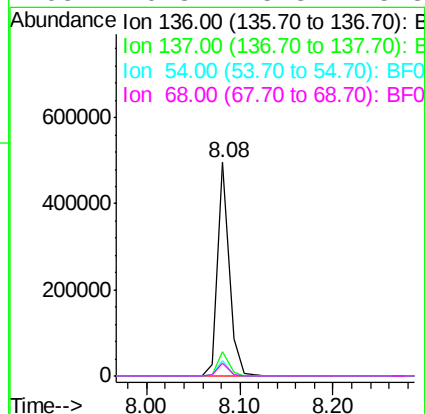
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.5 7.4 11.0

68 6.3 5.8 8.8





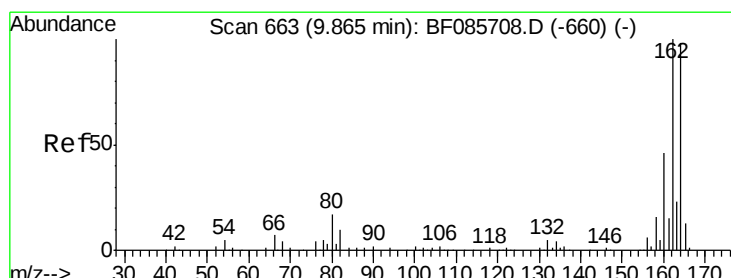
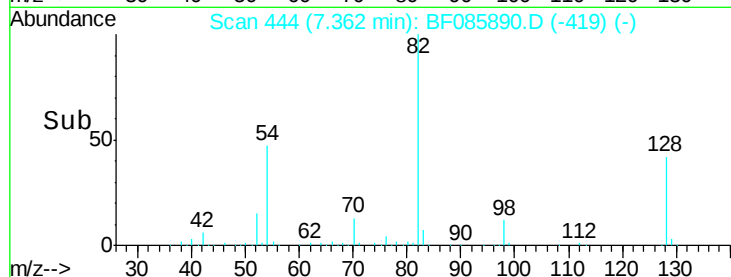
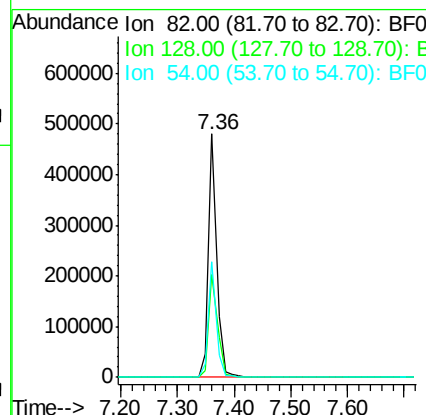
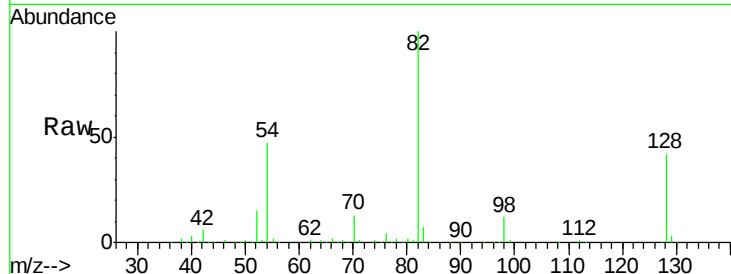
#23
Nitrobenzene-d5
Concen: 61.16 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085890.D
Acq: 30 Mar 2016 17:03

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	41.8	62.8
54	47.3	33.4	50.0

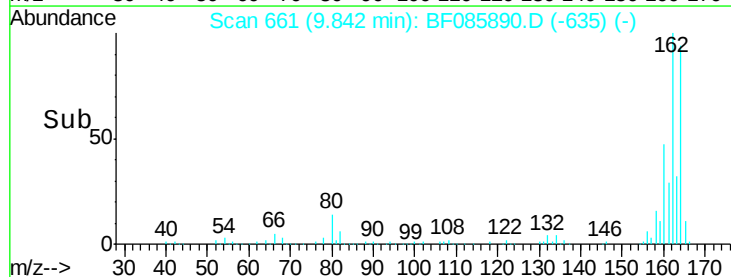
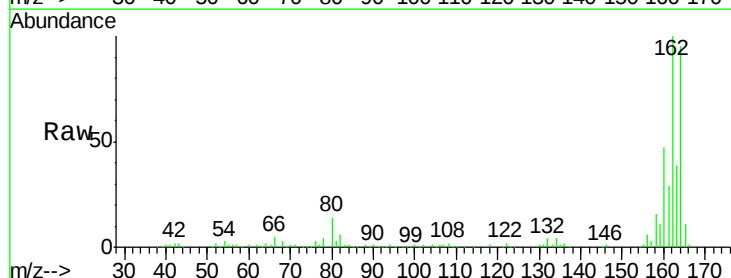
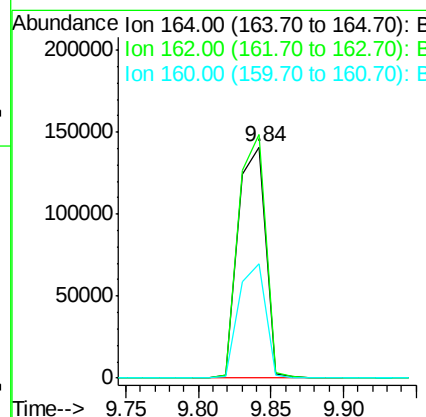
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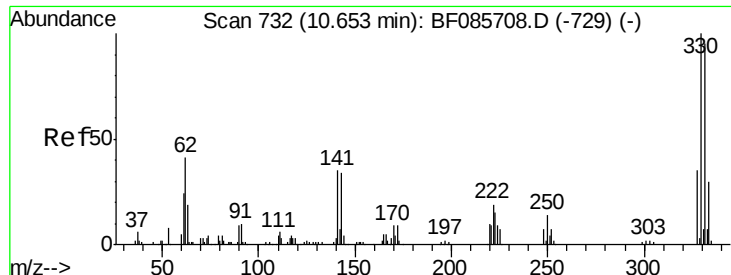
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF085890.D
Acq: 30 Mar 2016 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.1	123.1
160	49.6	37.4	56.2





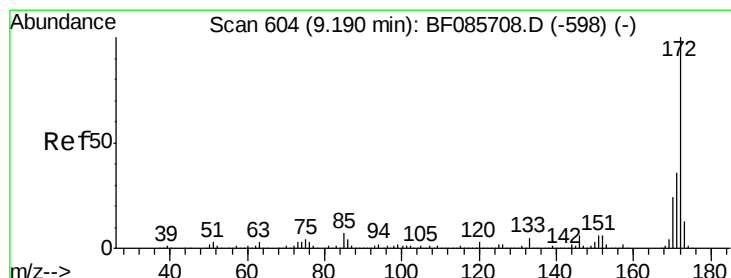
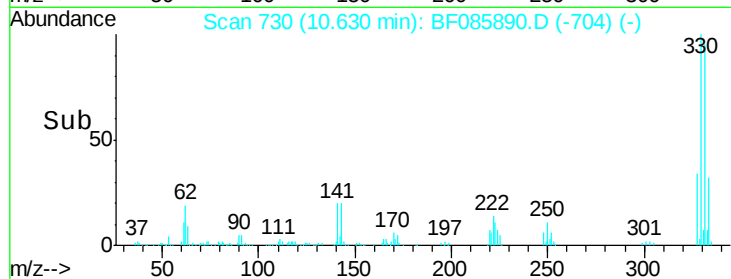
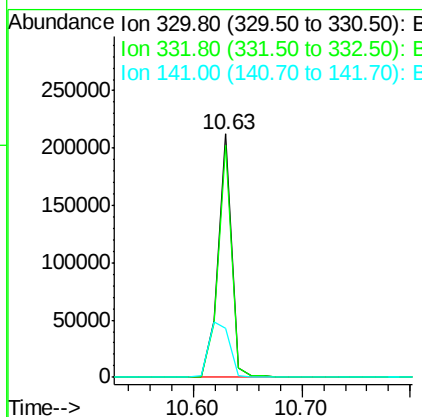
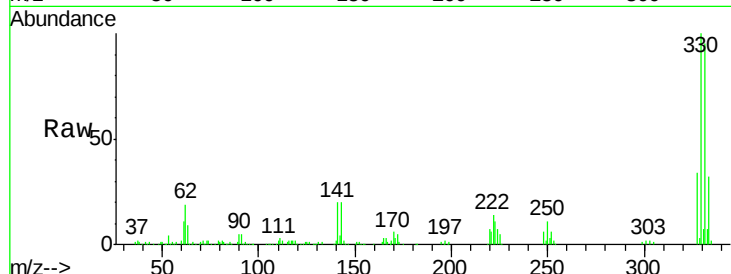
#41
 2,4,6-Tribromophenol
 Concen: 107.04 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085890.D
 Acq: 30 Mar 2016 17:03

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	188906		
332	95.4	78.2	117.2	
141	35.3	31.5	47.3	

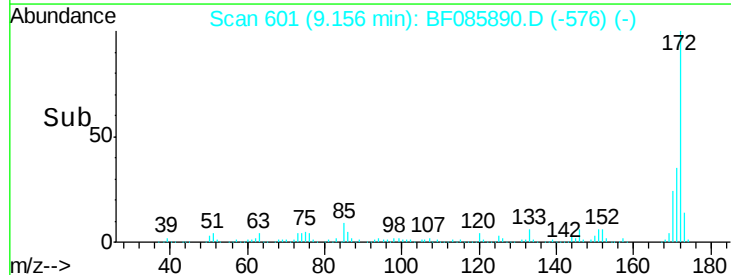
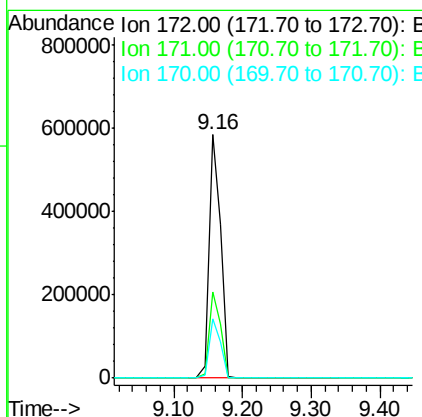
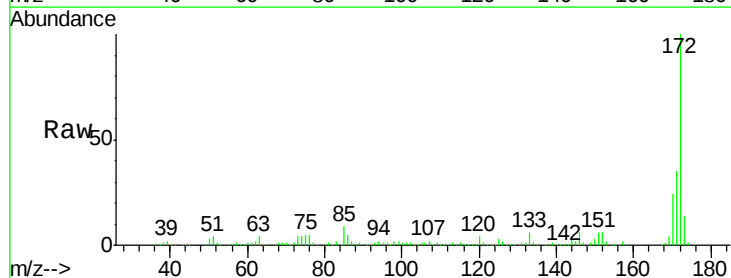
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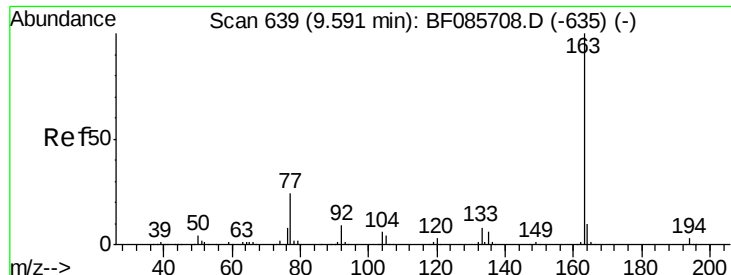
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#44
 2-Fluorobiphenyl
 Concen: 61.43 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085890.D
 Acq: 30 Mar 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	682911		
171	35.4	29.4	44.2	
170	24.3	19.8	29.6	





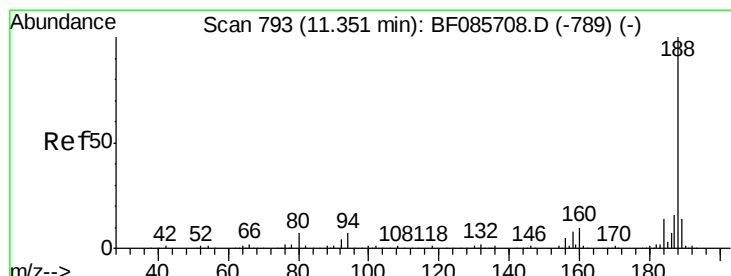
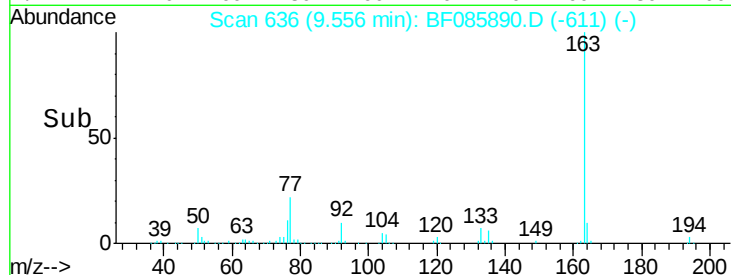
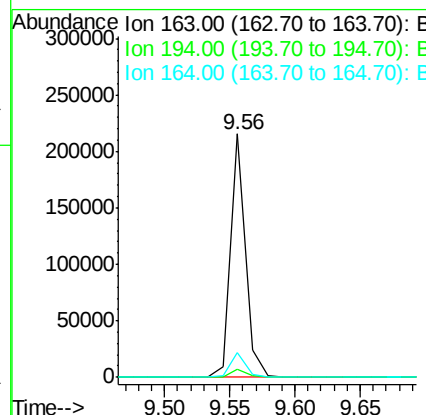
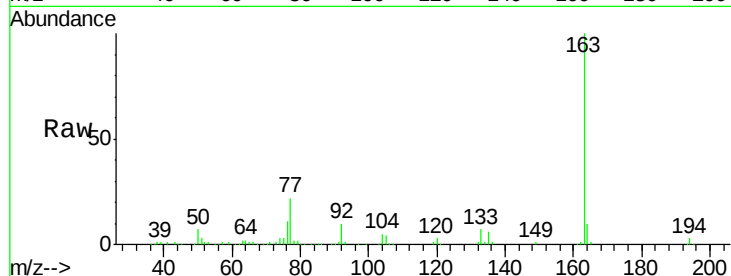
#49
Dimethylphthalate
Concen: 12.25 ng
RT: 9.56 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF085890.D
Acq: 30 Mar 2016 17:03

Instrument :
BNA_F
ClientSampled :
TP-4

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.9	4.3
164	10.1	8.3	12.5

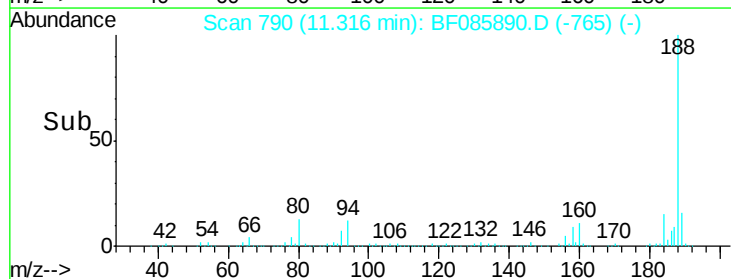
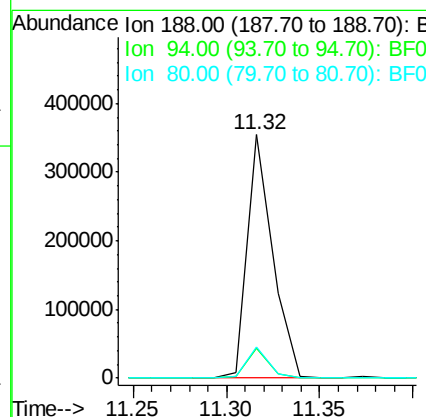
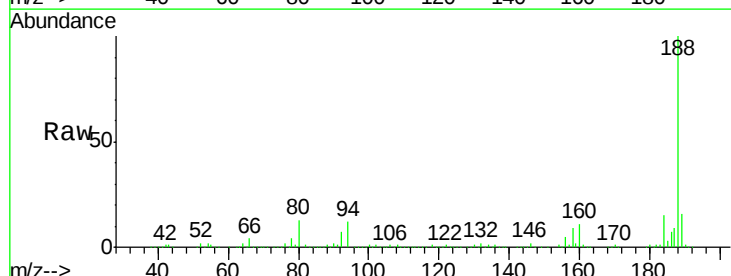
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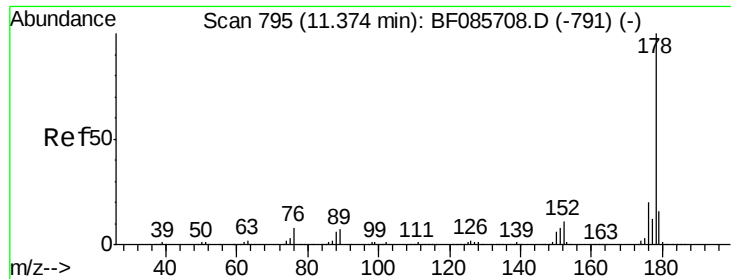
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085890.D
Acq: 30 Mar 2016 17:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.2	5.4	8.0#
80	12.9	5.5	8.3#





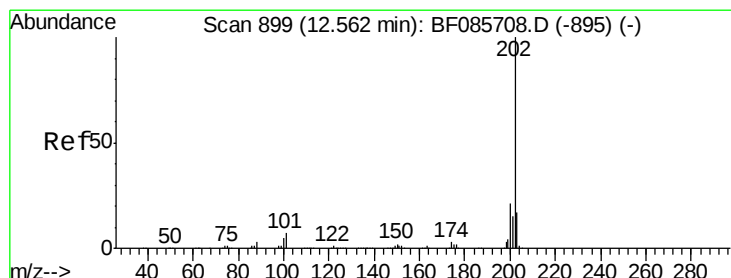
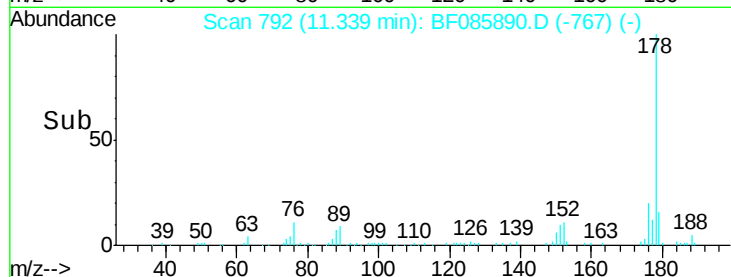
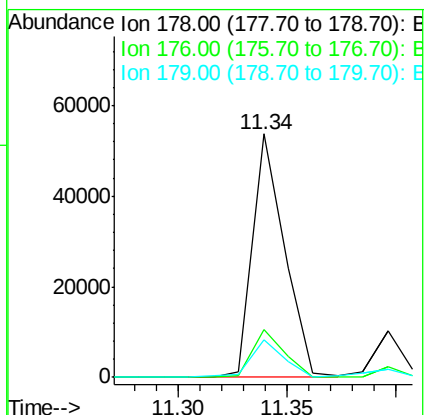
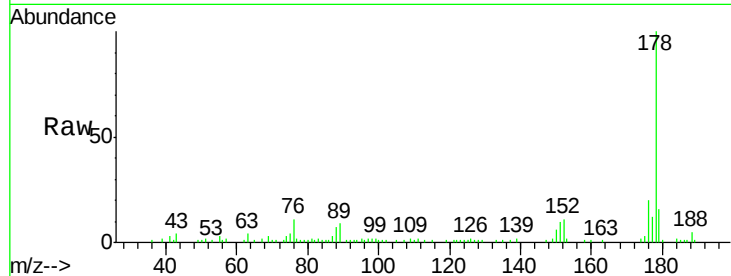
#70
Phenanthrene
Concen: 3.19 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085890.D
Acq: 30 Mar 2016 17:03

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	15.6	12.6	18.8

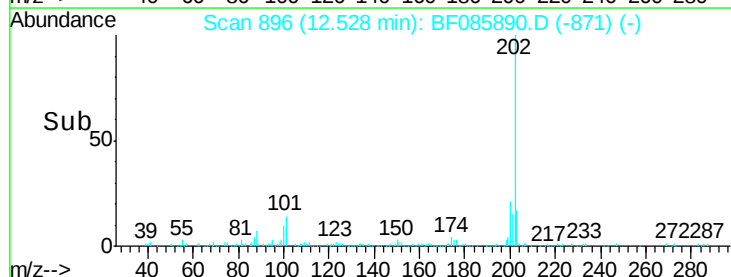
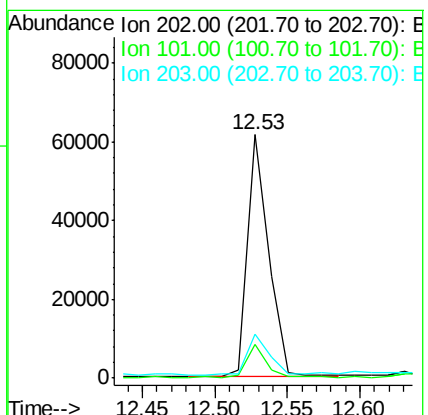
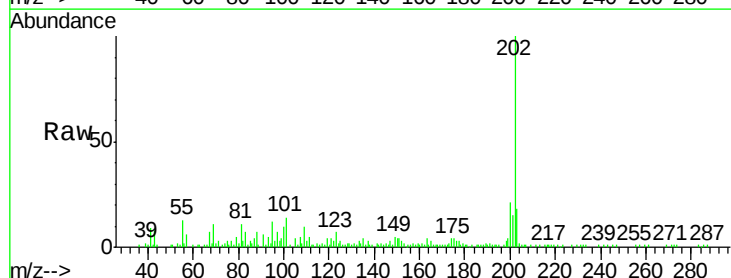
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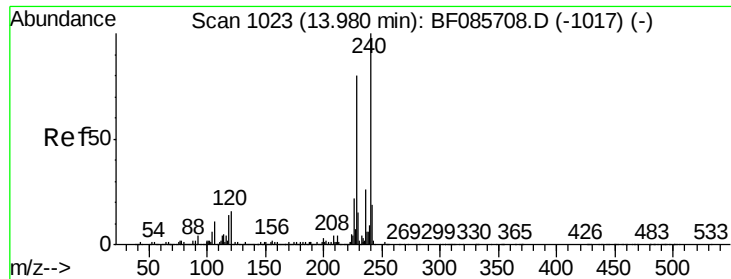
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#74
Fluoranthene
Concen: 3.38 ng
RT: 12.53 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF085890.D
Acq: 30 Mar 2016 17:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	36.6
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085890.D

Acq: 30 Mar 2016 17:03

Instrument :

BNA_F

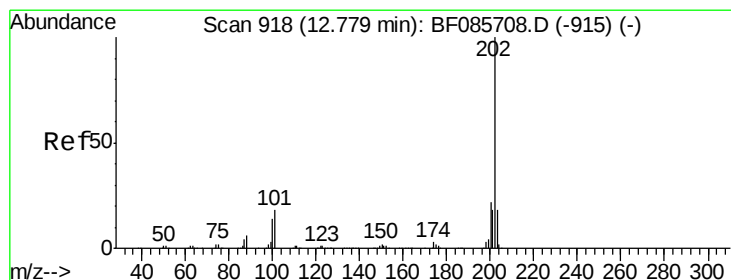
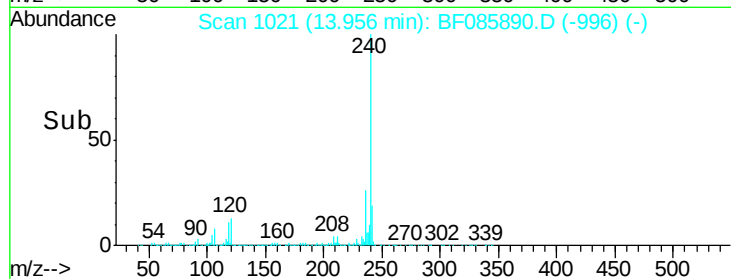
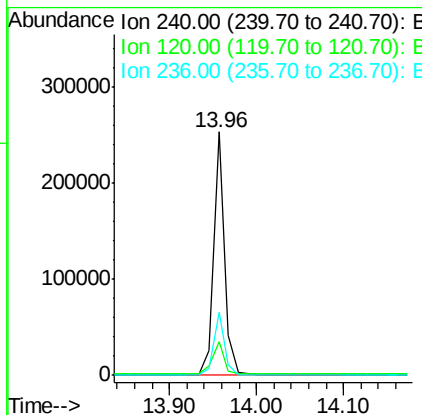
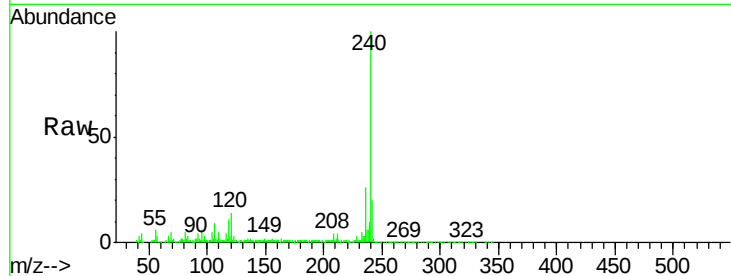
ClientSampled :

TP-4

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	223774		
120	13.7	13.8	20.8#	
236	26.2	20.6	30.8	

Manual Integrations
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#77

Pyrene

Concen: 2.79 ng

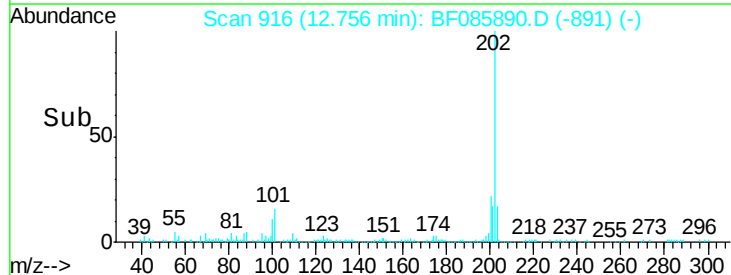
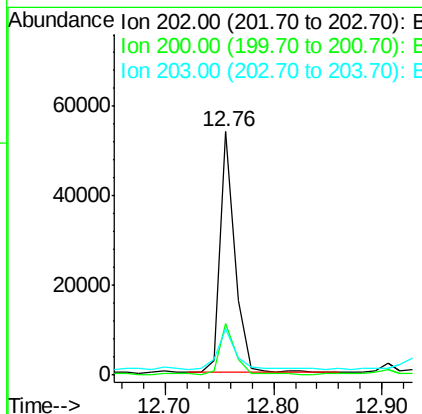
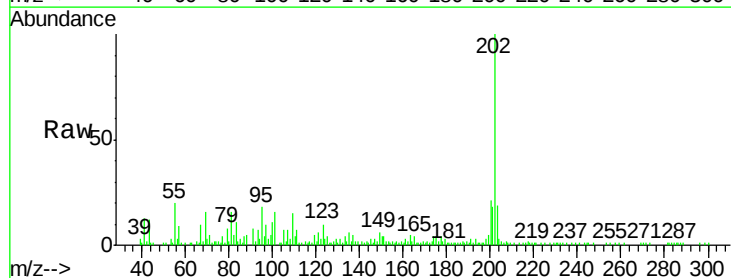
RT: 12.76 min Scan# 916

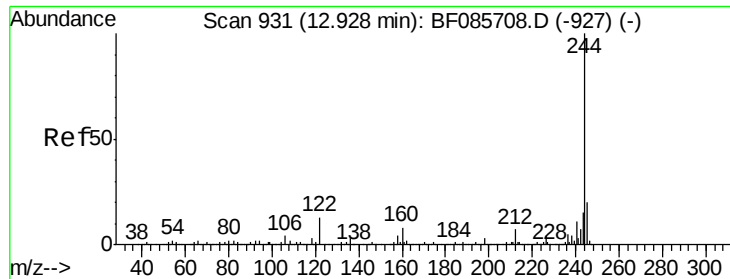
Delta R.T. -0.01 min

Lab File: BF085890.D

Acq: 30 Mar 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	51299		
200	21.4	17.6	26.4	
203	18.9	14.0	21.0	





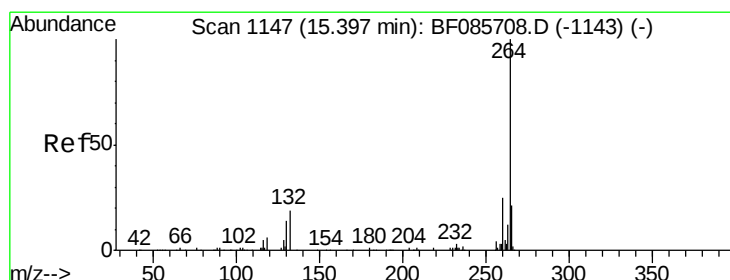
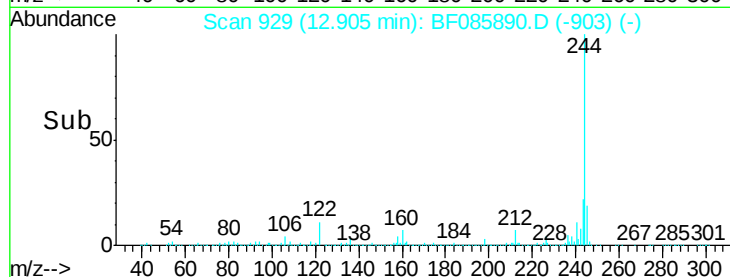
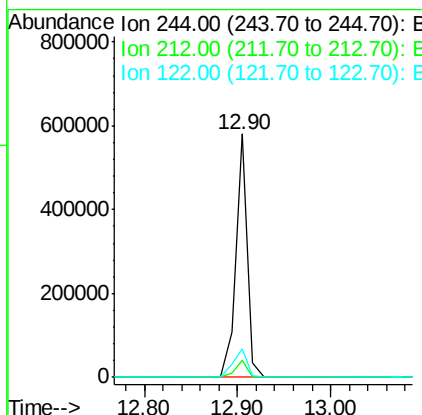
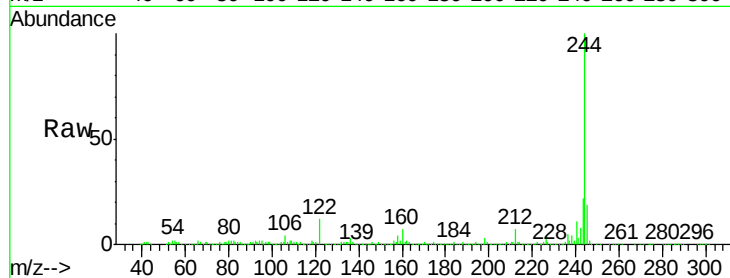
#78
 Terphenyl-d14
 Concen: 46.10 ng
 RT: 12.90 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF085890.D
 Acq: 30 Mar 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	501610		
212	7.1	6.1	9.1	
122	11.7	10.2	15.4	

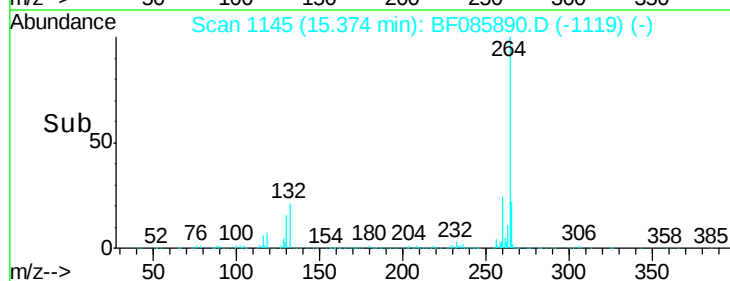
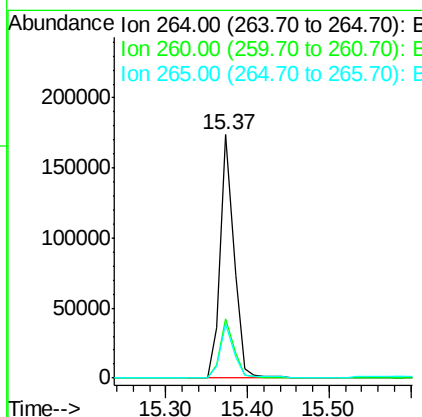
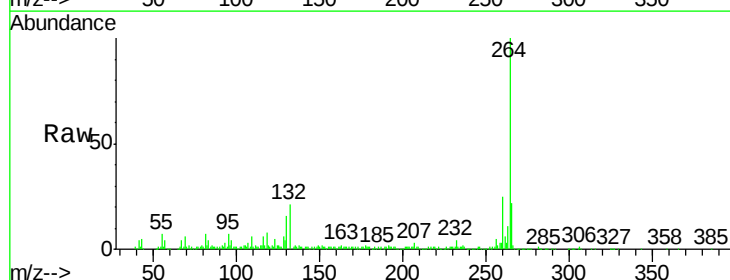
Manual Integrations
 APPROVED

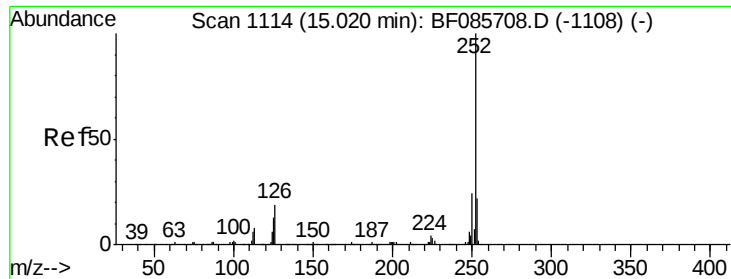
Sohil
 3/31/2016 4:51:49 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF085890.D
 Acq: 30 Mar 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	204910		
260	24.6	19.4	29.2	
265	22.1	17.2	25.8	





#87
 Benzo(b)fluoranthene
 Concen: 2.17 ng m
 RT: 14.97 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF085890.D
 Acq: 30 Mar 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	29.4	10.3	15.5

Manual Integrations
 APPROVED

Sohil
 3/31/2016 4:51:49 PM

