

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085363.D
 Acq On : 11 Mar 2016 5:34
 Operator : UM/SJ
 Sample : H1731-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Manual Integrations
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Quant Time: Mar 11 06:11:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 02:49:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	159050	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	564308	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	252141	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	410312	20.00	ng	0.00
75) Chrysene-d12	14.09	240	268793	20.00	ng	-0.01
86) Perylene-d12	15.56	264	270100	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1198096	126.36	ng	0.00
7) Phenol-d6	6.57	99	1775236	142.90	ng	0.00
23) Nitrobenzene-d5	7.50	82	938915	89.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	289993	134.41	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1596366	96.29	ng	0.00
78) Terphenyl-d14	13.05	244	1077751	93.08	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	265229	13.70	ng	99
74) Fluoranthene	12.68	202	70189	3.25	ng	94
77) Pyrene	12.90	202	66334	3.28	ng	96
80) Benzo(a)anthracene	14.08	228	41188	2.56	ng	94
82) Chrysene	14.13	228	32503m	2.19	ng	
85) Indeno(1,2,3-cd)pyrene	17.01	276	24206	2.09	ng	92
87) Benzo(b)fluoranthene	15.13	252	51534m	2.86	ng	
89) Benzo(a)pyrene	15.50	252	37498	2.51	ng	97

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

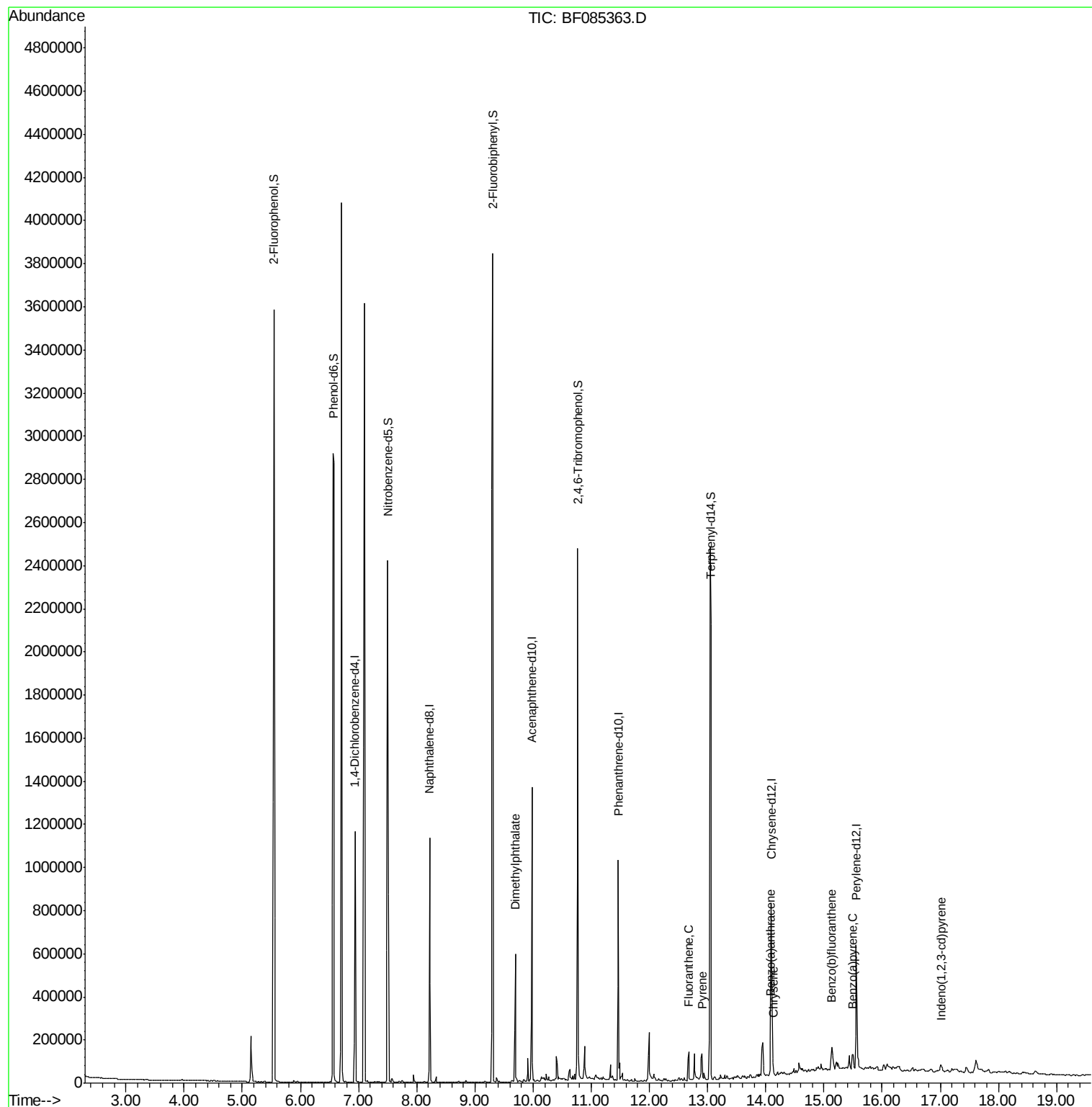
Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
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#1

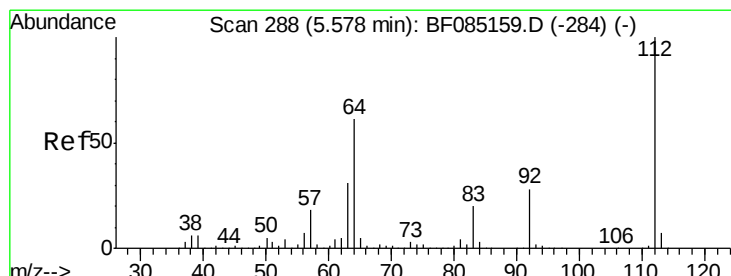
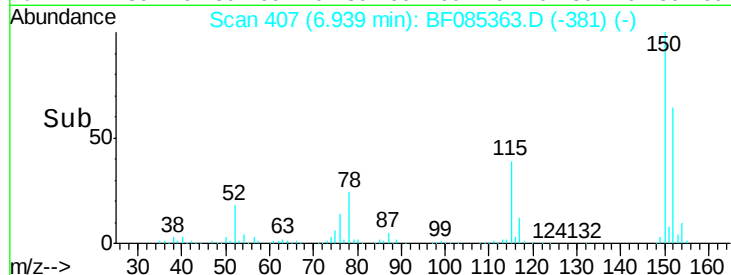
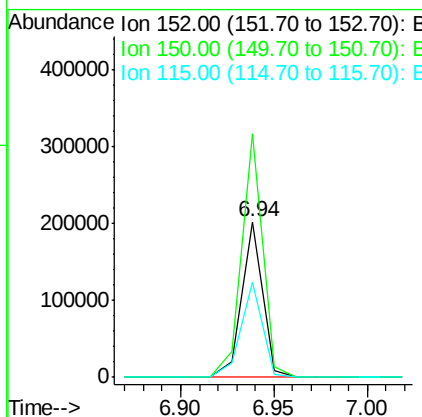
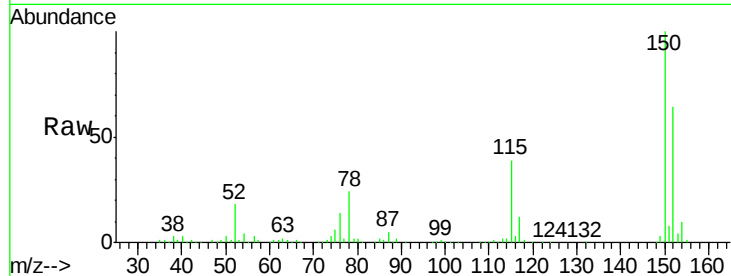
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF085363.D
Acq: 11 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	159050		
150	156.6	124.6	186.8	
115	61.0	46.6	70.0	

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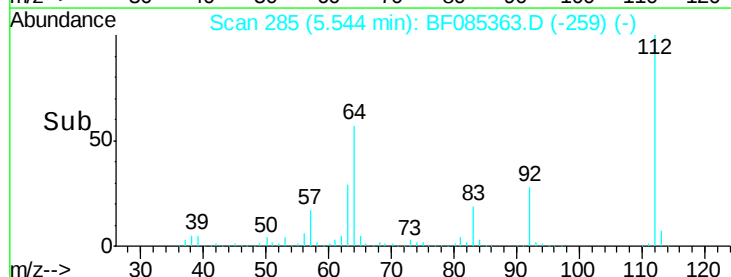
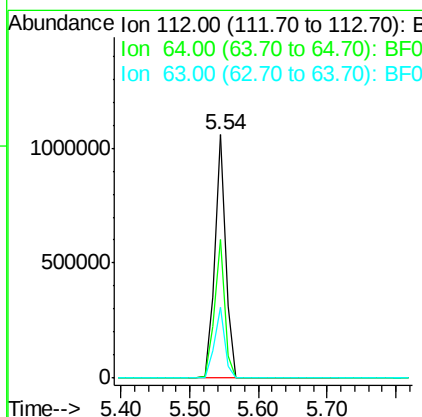
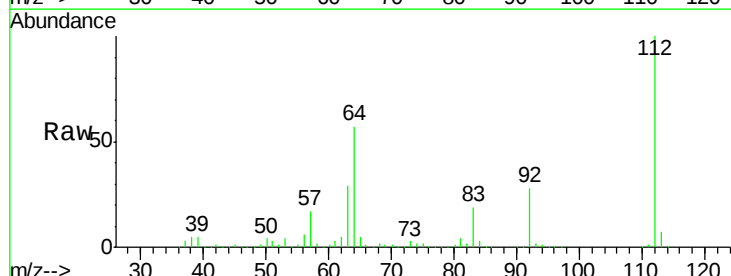
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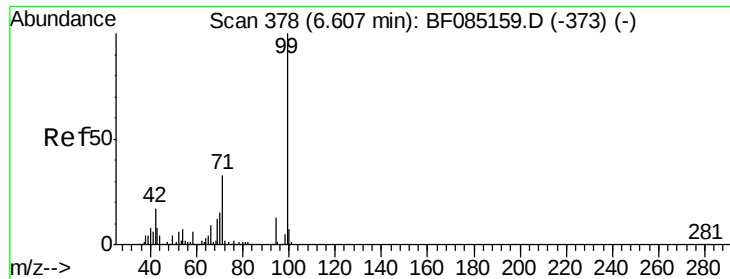


#5

2-Fluorophenol
Concen: 126.36 ng
RT: 5.54 min Scan# 285
Delta R.T. 0.00 min
Lab File: BF085363.D
Acq: 11 Mar 2016 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1198096		
64	56.9	49.0	73.4	
63	29.1	24.8	37.2	





#7

Phenol-d6

Concen: 142.90 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF085363.D

Acq: 11 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

Tgt Ion: 99 Resp: 1775236

Ion Ratio Lower Upper

99 100

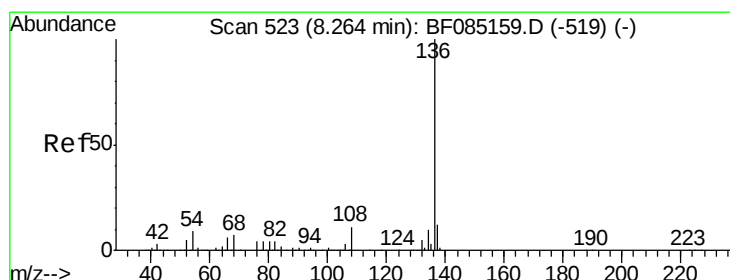
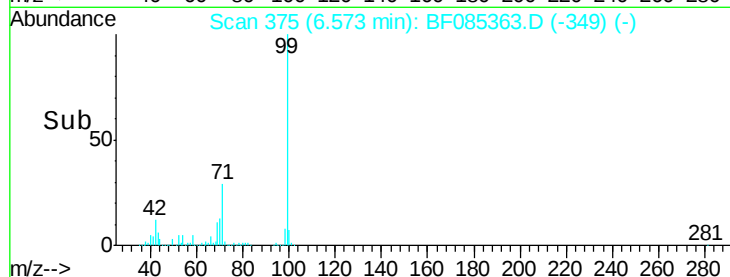
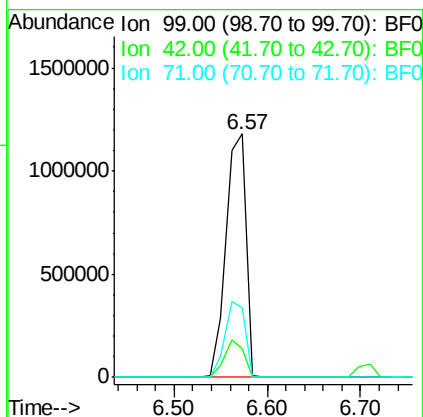
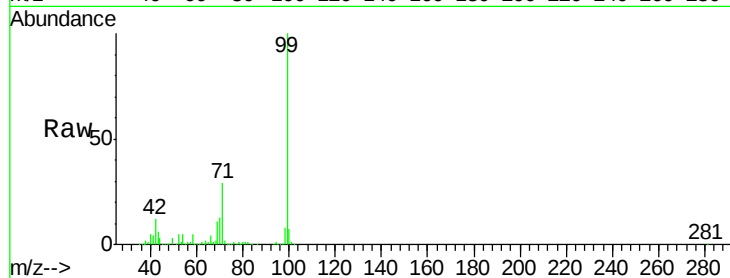
42 11.7 13.6 20.4#

71 28.6 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085363.D

Acq: 11 Mar 2016 5:34

Tgt Ion: 136 Resp: 564308

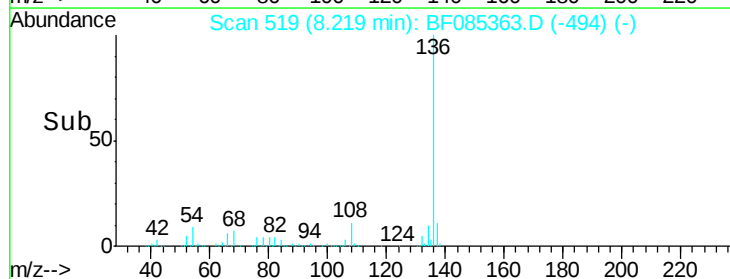
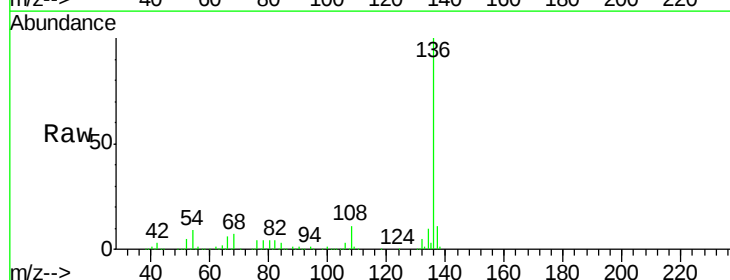
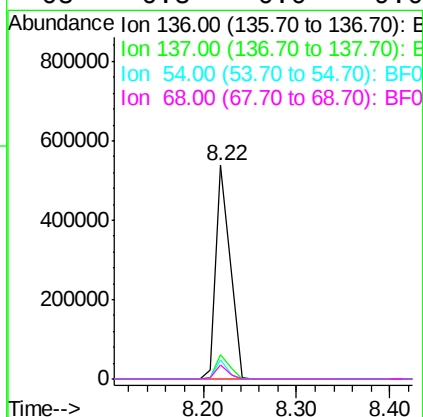
Ion Ratio Lower Upper

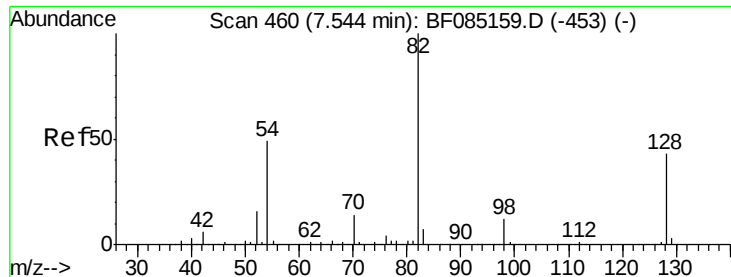
136 100

137 11.5 9.3 13.9

54 8.7 7.4 11.2

68 6.8 6.0 9.0





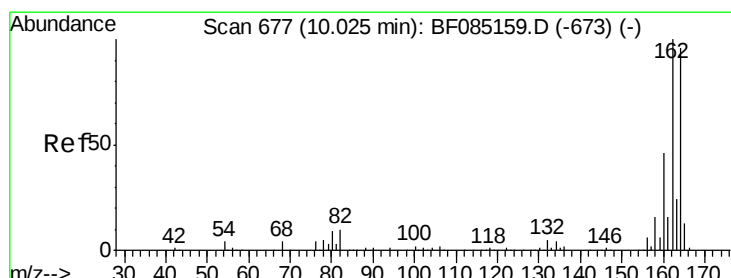
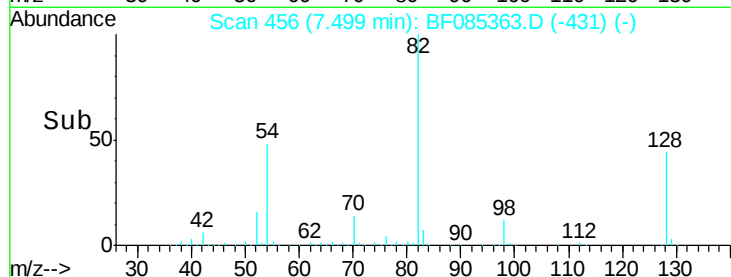
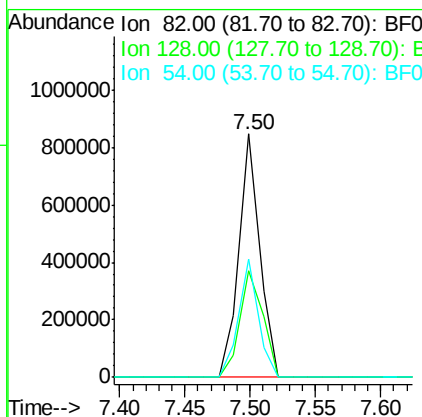
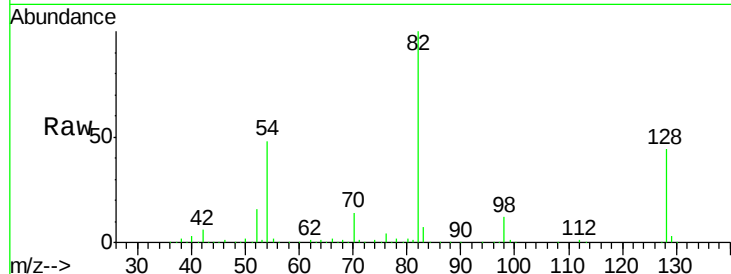
#23
 Nitrobenzene-d5
 Concen: 89.03 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085363.D
 Acq: 11 Mar 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	44.0	34.5	51.7
54	48.3	39.3	58.9

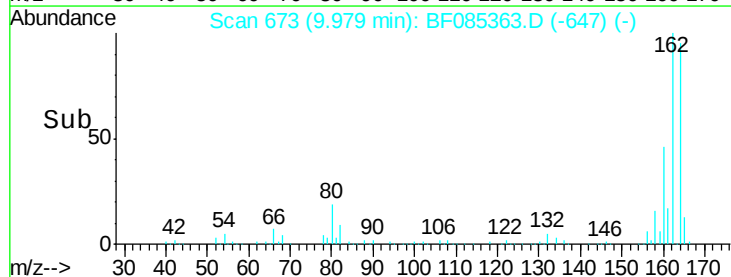
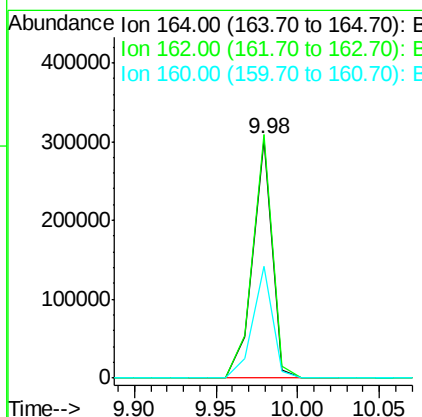
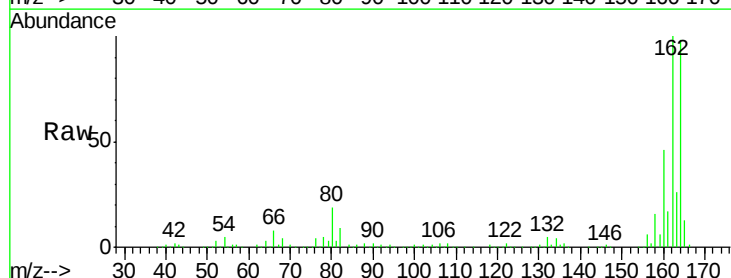
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF085363.D
 Acq: 11 Mar 2016 5:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	101.9	83.3	124.9
160	47.0	37.9	56.9





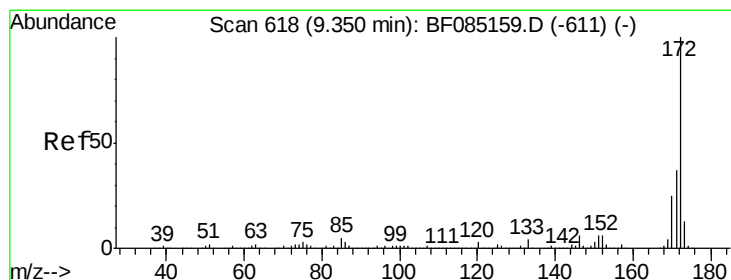
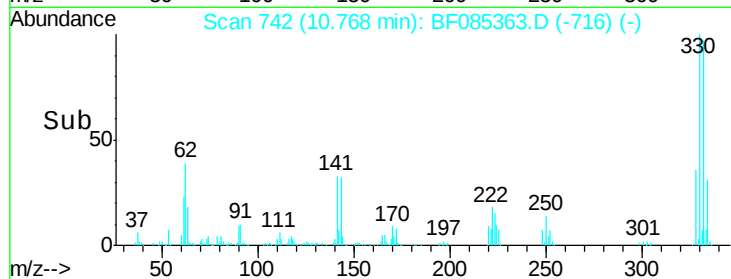
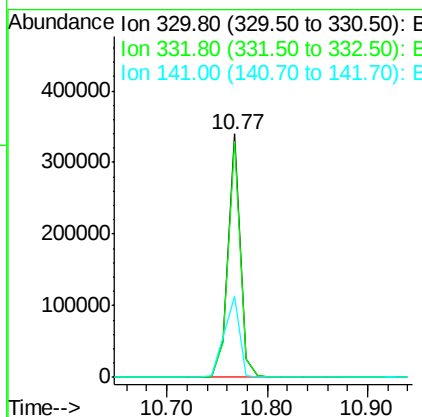
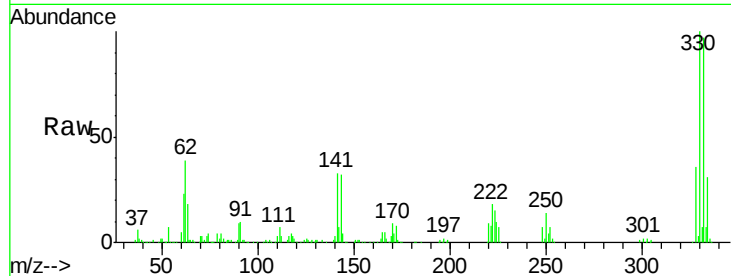
#41
 2,4,6-Tribromophenol
 Concen: 134.41 ng
 RT: 10.77 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF085363.D
 Acq: 11 Mar 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	289993		
332	96.4	77.1	115.7	
141	41.8	35.0	52.6	

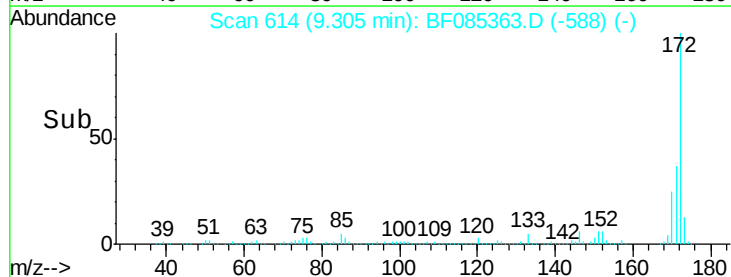
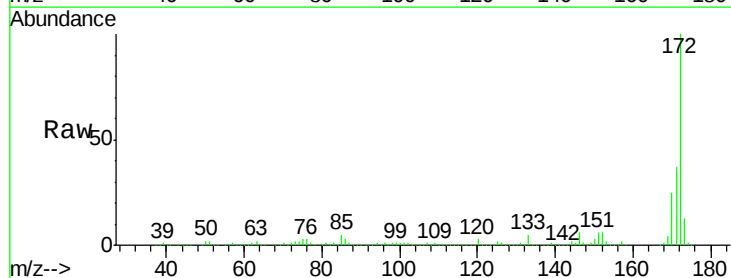
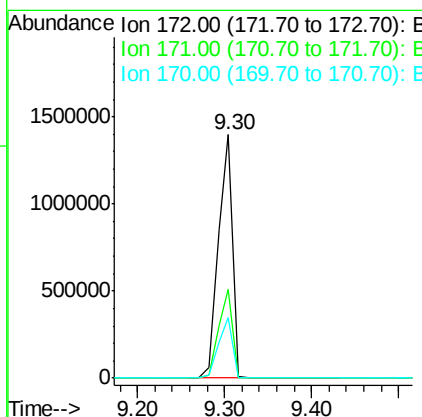
Manual Integrations
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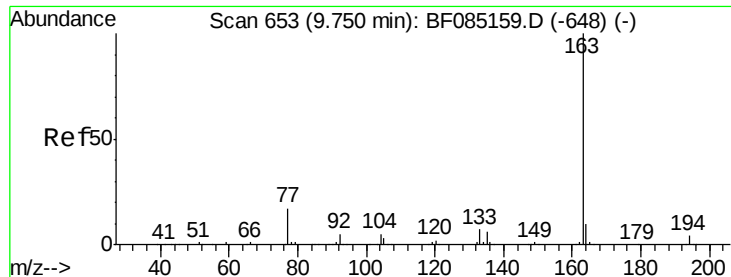
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#44
 2-Fluorobiphenyl
 Concen: 96.29 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085363.D
 Acq: 11 Mar 2016 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1596366		
171	36.5	29.3	43.9	
170	24.8	20.0	30.0	





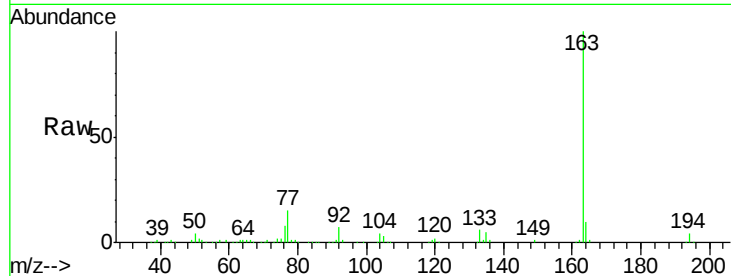
#49
Dimethylphthalate
Concen: 13.70 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF085363.D
Acq: 11 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

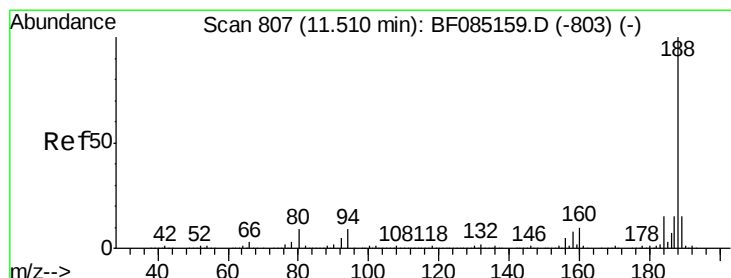
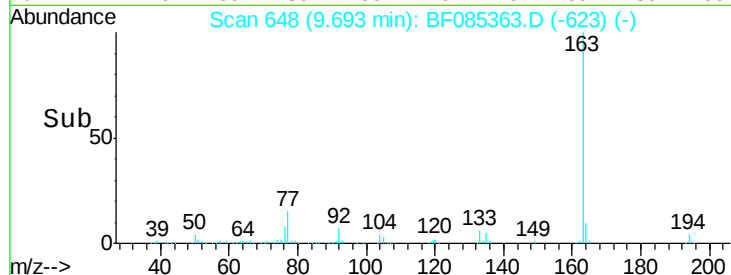
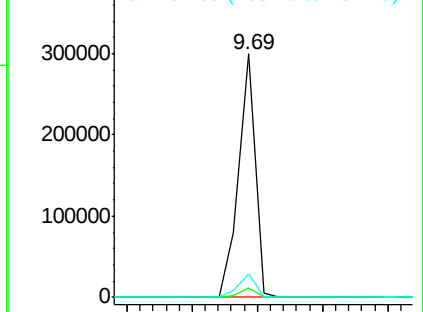
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	3.1	4.7
164	9.8	8.2	12.4

Manual Integrations
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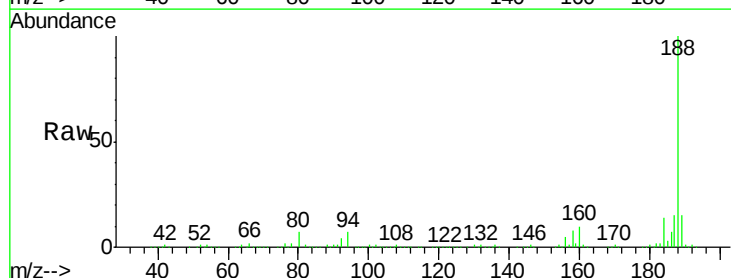


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

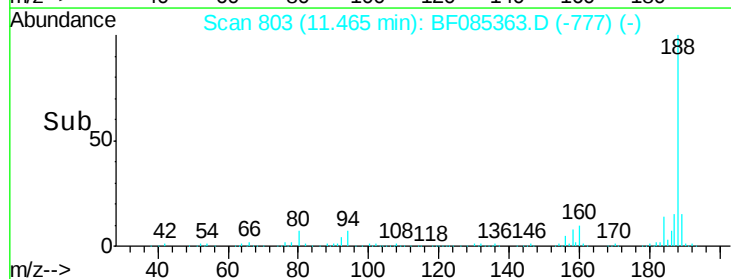
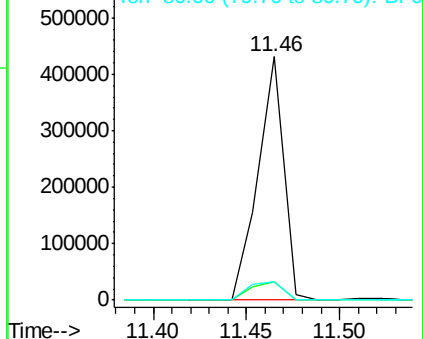


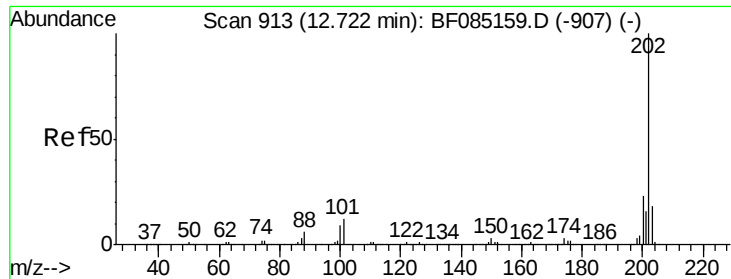
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF085363.D
Acq: 11 Mar 2016 5:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.4	7.0	10.6
80	7.4	7.4	11.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





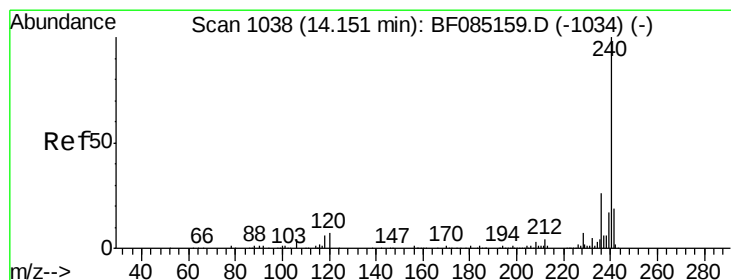
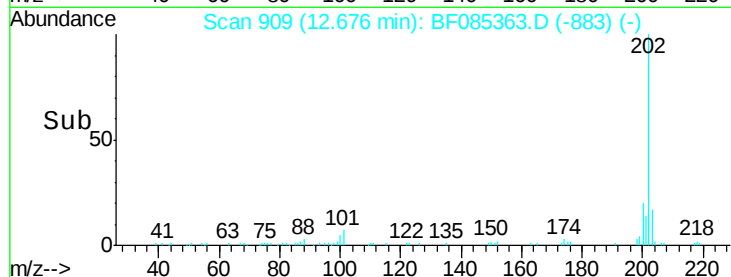
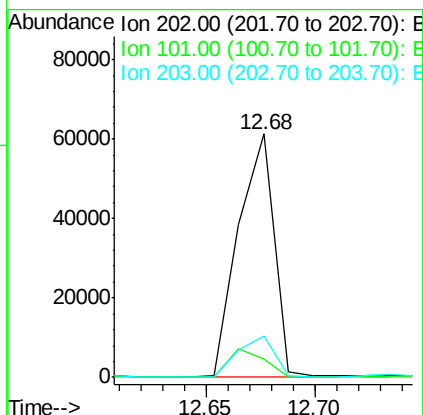
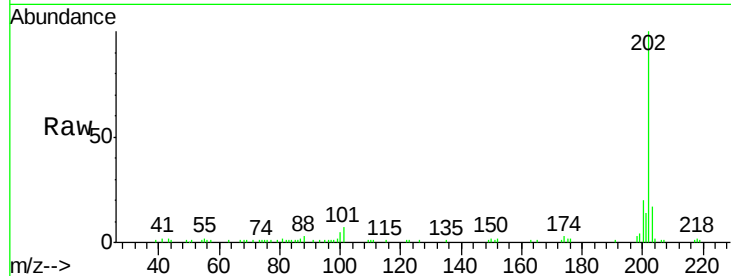
#74
 Fluoranthene
 Concen: 3.25 ng
 RT: 12.68 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF085363.D
 Acq: 11 Mar 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.5	0.0	31.8
203	16.9	0.0	38.4

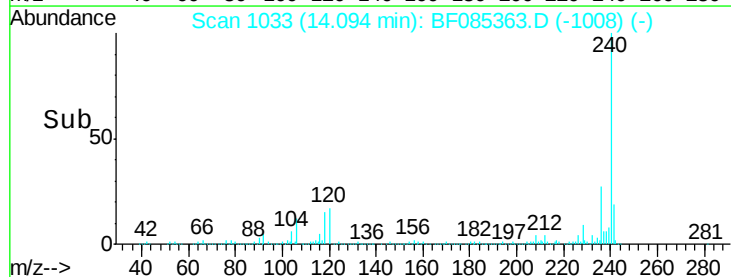
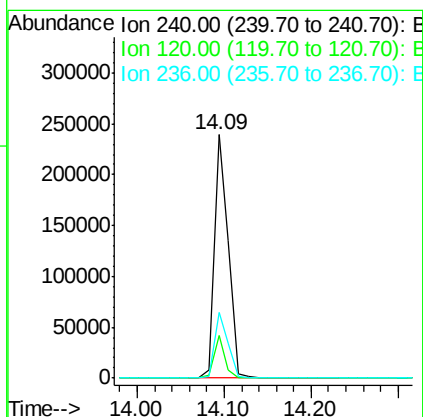
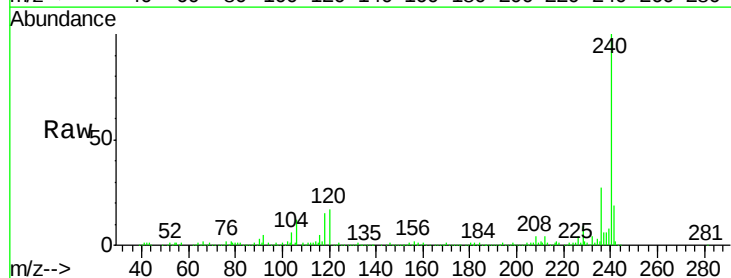
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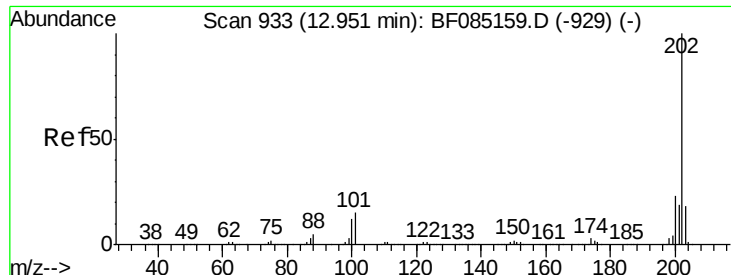
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF085363.D
 Acq: 11 Mar 2016 5:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	17.5	5.3	7.9#
236	26.8	20.7	31.1





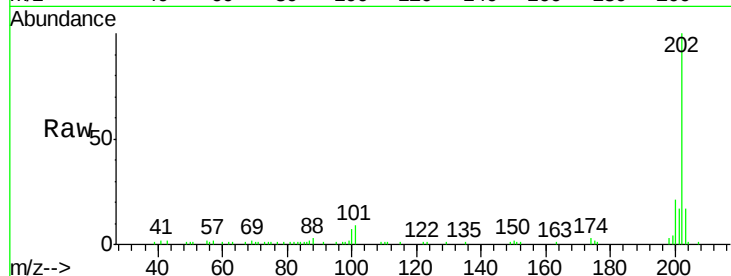
#77
 Pyrene
 Concen: 3.28 ng
 RT: 12.90 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF085363.D
 Acq: 11 Mar 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

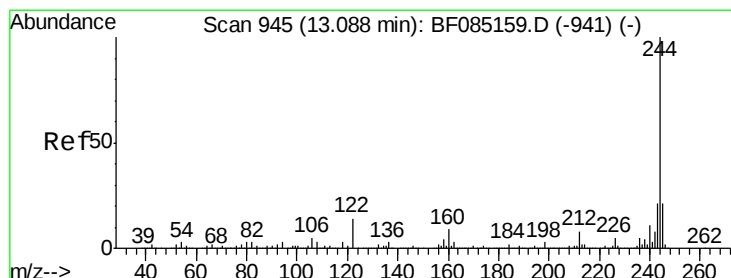
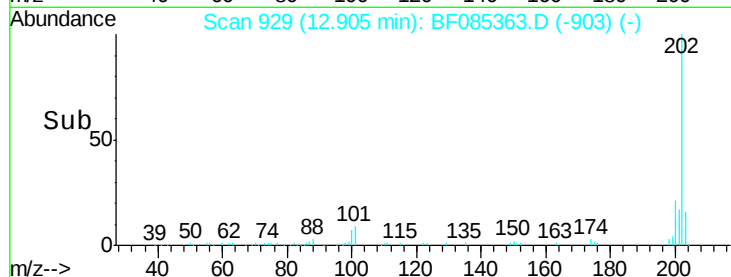
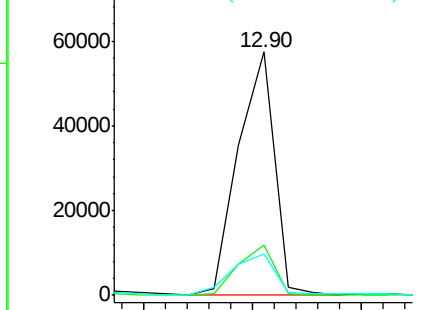
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.5	18.2	27.4
203	17.1	14.7	22.1

Manual Integrations
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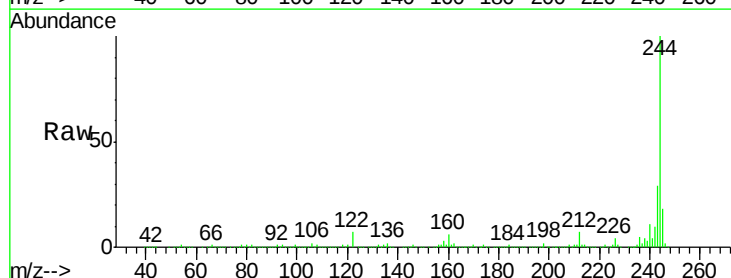


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

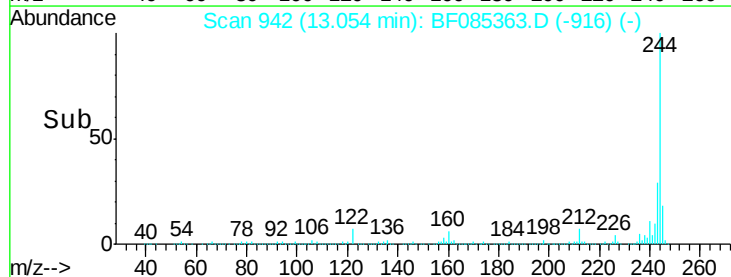
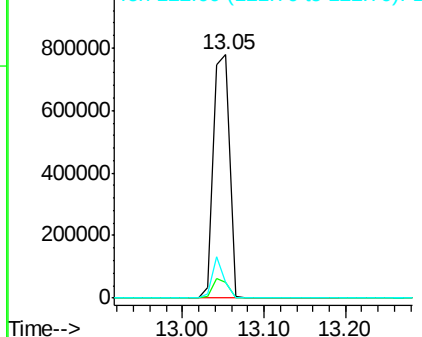


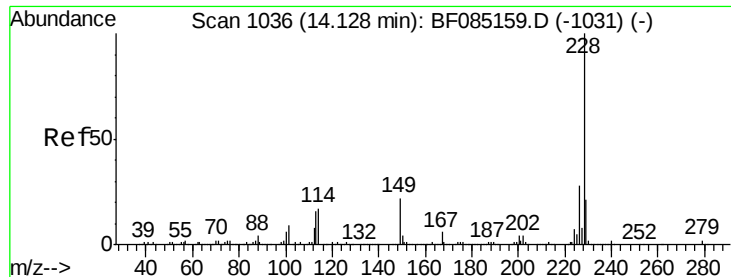
#78
 Terphenyl-d14
 Concen: 93.08 ng
 RT: 13.05 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF085363.D
 Acq: 11 Mar 2016 5:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	6.4	9.6
122	6.6	11.4	17.2



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





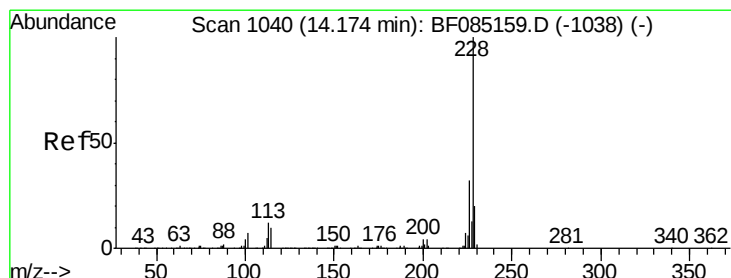
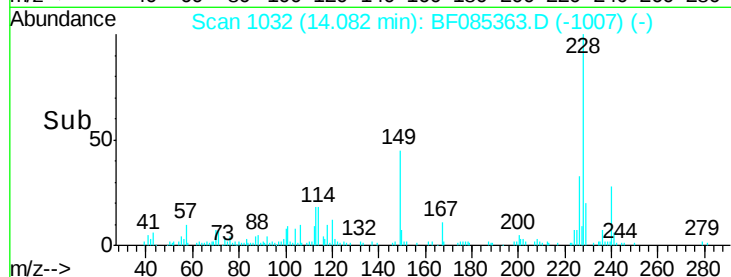
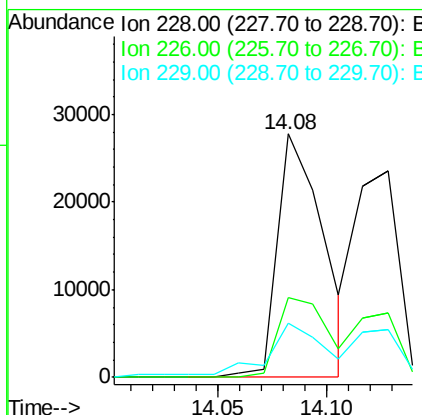
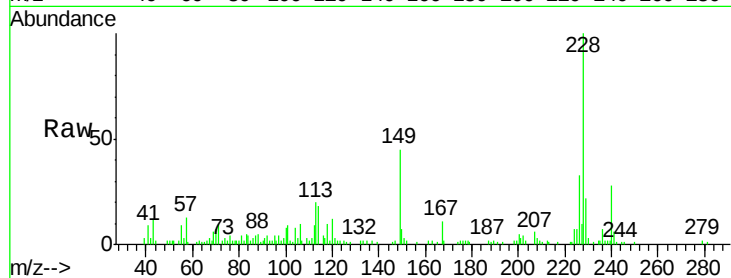
#80
Benzo(a)anthracene
Concen: 2.56 ng
RT: 14.08 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF085363.D
Acq: 11 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.8	34.2
229	22.2	16.6	24.8

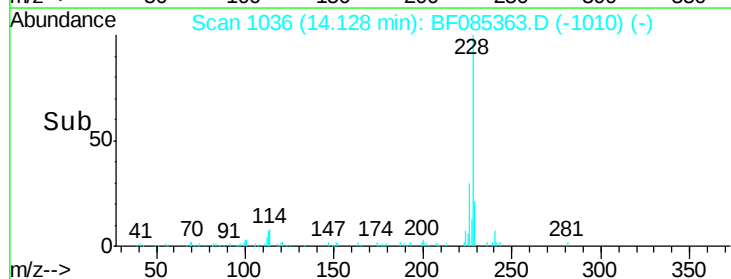
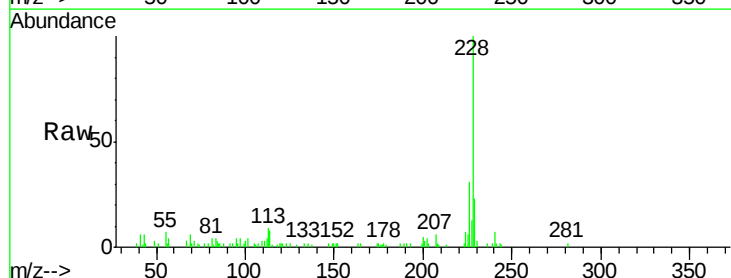
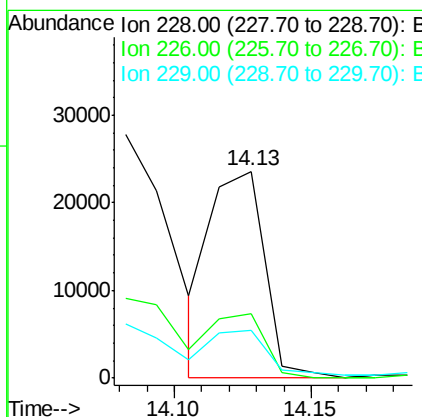
Manual Integrations
APPROVED

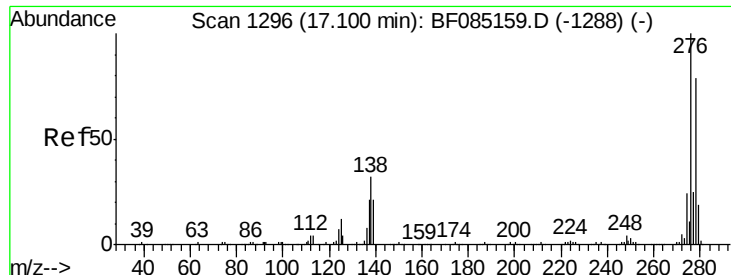
Sohil
3/11/2016 4:58:49 PM



#82
Chrysene
Concen: 2.19 ng m
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085363.D
Acq: 11 Mar 2016 5:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.2	37.8
229	22.8	16.0	24.0





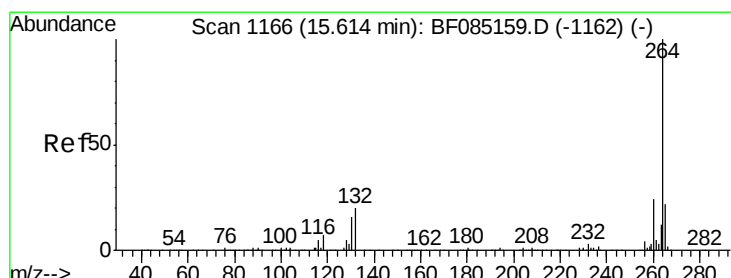
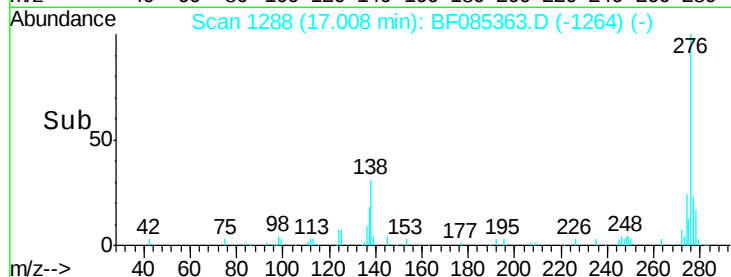
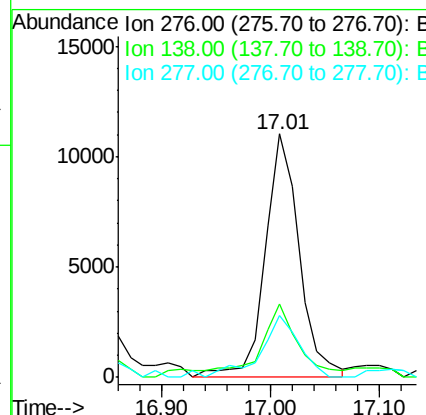
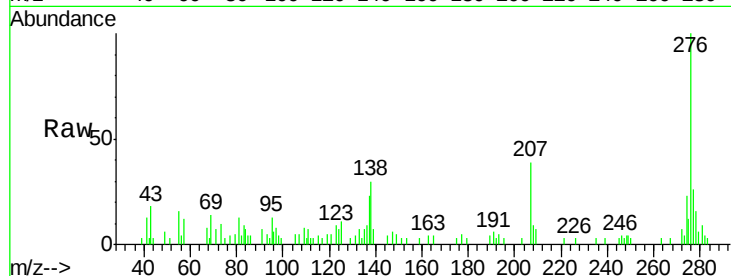
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.09 ng
 RT: 17.01 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF085363.D
 Acq: 11 Mar 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Tgt Ion:	276	Resp:	24206
Ion Ratio	Lower	Upper	
276	100		
138	36.9	26.4	39.6
277	29.5	20.2	30.2

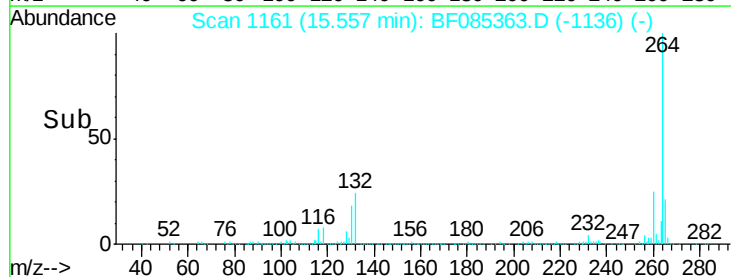
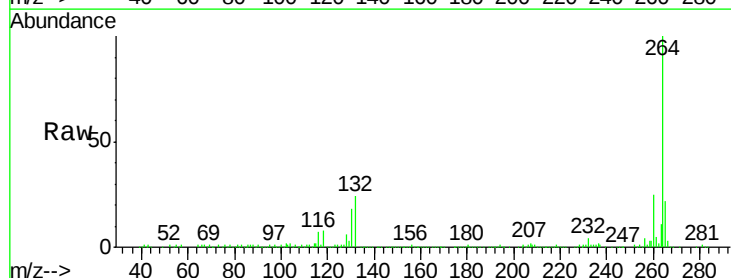
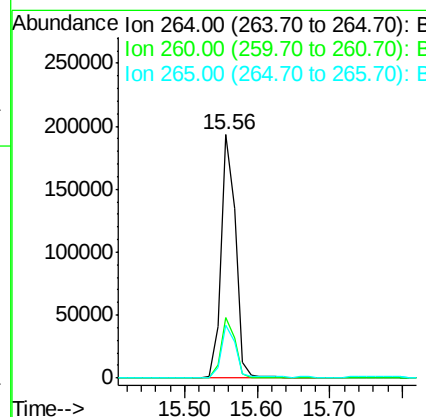
Manual Integrations
 APPROVED

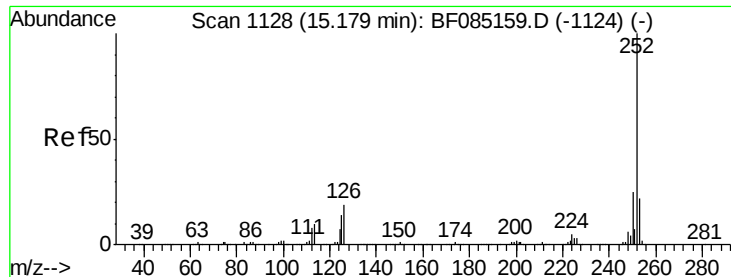
Sohil
 3/11/2016 4:58:49 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF085363.D
 Acq: 11 Mar 2016 5:34

Tgt Ion:	264	Resp:	270100
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.2	28.8
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 2.86 ng m

RT: 15.13 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF085363.D

Acq: 11 Mar 2016 5:34

Instrument :

BNA_F

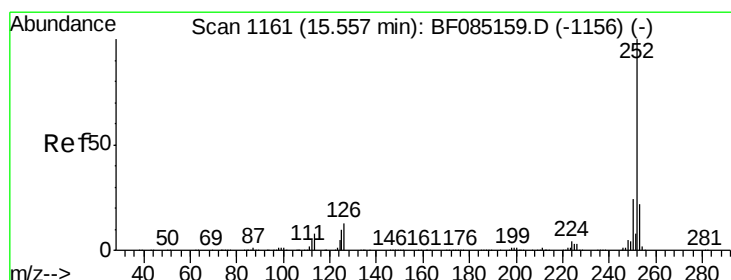
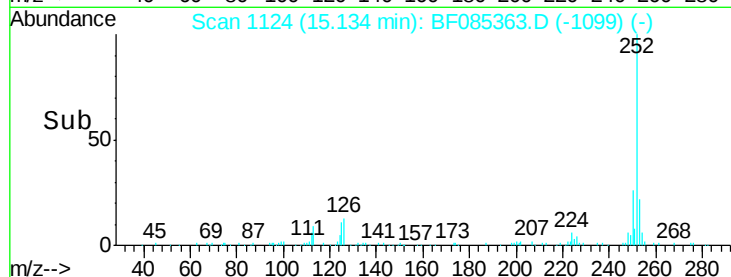
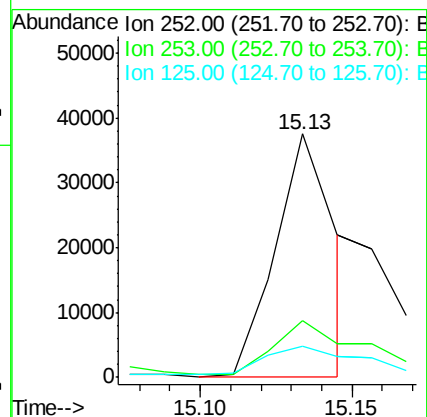
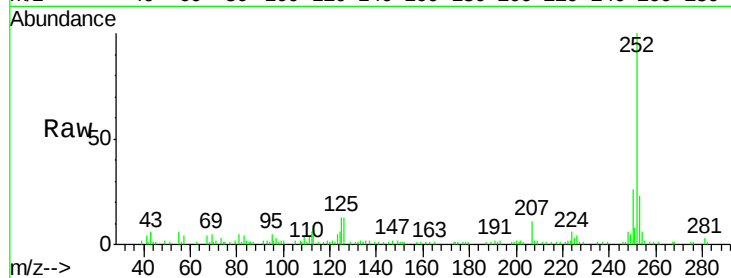
ClientSampleId :

SB-21-COMP

Tgt Ion:	252	Resp:	51534
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	12.7	11.3	16.9

Manual Integrations
APPROVED

Sohil
3/11/2016 4:58:49 PM



#89

Benzo(a)pyrene

Concen: 2.51 ng

RT: 15.50 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF085363.D

Acq: 11 Mar 2016 5:34

Tgt Ion:	252	Resp:	37498
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	10.8	8.2	12.4

