

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085345.D
 Acq On : 10 Mar 2016 20:57
 Operator : UM/SJ
 Sample : H1753-24
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP6RE

Manual Integrations
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Quant Time: Mar 11 10:10:25 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 00:01:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	141554	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	498019	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	180794	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	283233	20.00	ng	0.00
75) Chrysene-d12	14.11	240	225191	20.00	ng	0.00
86) Perylene-d12	15.57	264	254763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1003326	118.89	ng	0.01
7) Phenol-d6	6.56	99	1081602	97.83	ng	0.00
23) Nitrobenzene-d5	7.50	82	648976	69.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	183250	118.46	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1096530	92.24	ng	0.00
78) Terphenyl-d14	13.05	244	702298	72.40	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	145948	10.52	ng	98
70) Phenanthrene	11.49	178	34755	2.34	ng	97
74) Fluoranthene	12.68	202	51277	3.44	ng	96
77) Pyrene	12.91	202	50415	2.97	ng	96
80) Benzo(a)anthracene	14.09	228	27239m	2.02	ng	
87) Benzo(b)fluoranthene	15.13	252	35846m	2.11	ng	

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

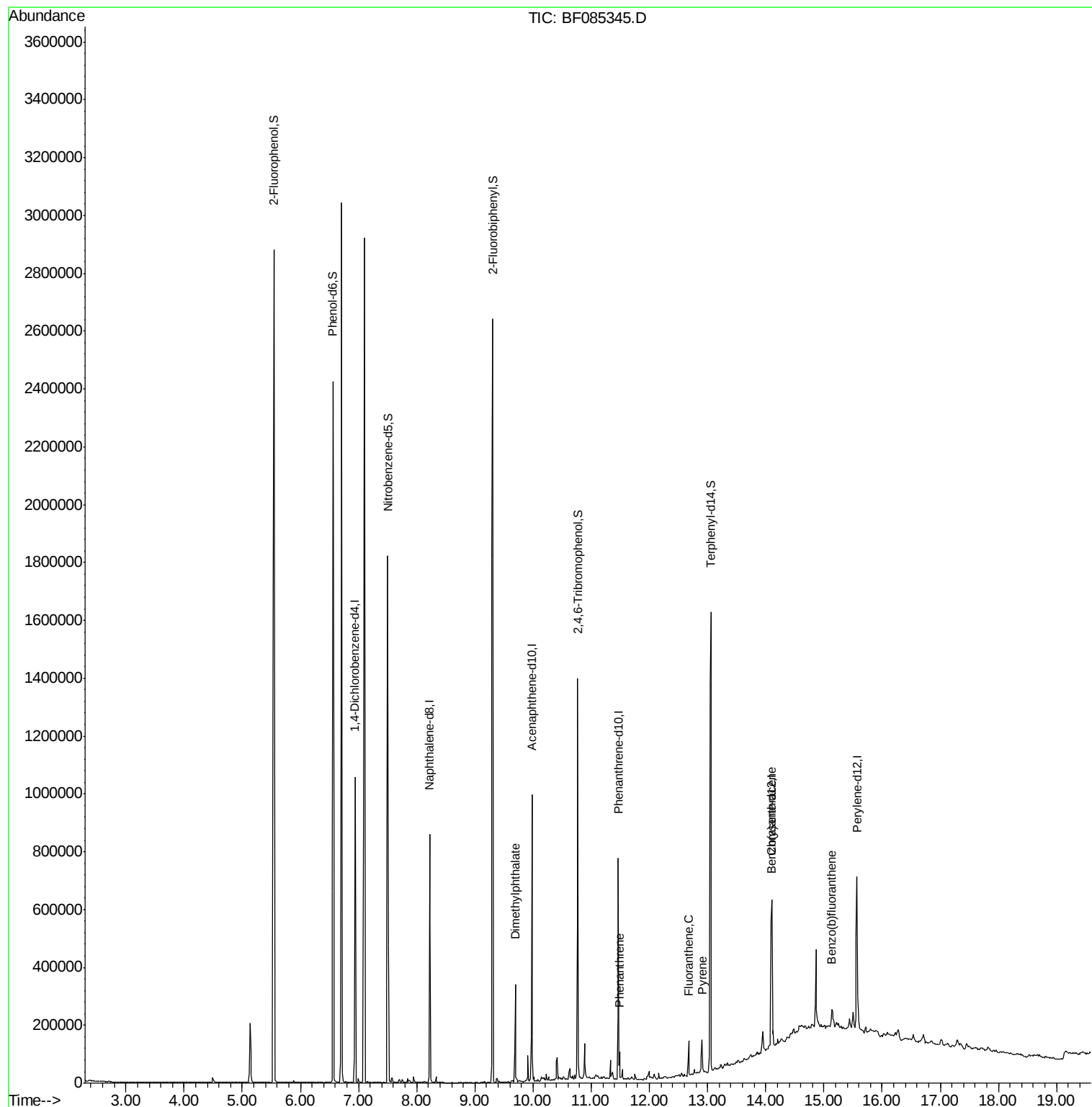
Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 00:01:03 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF085345.D

Acq: 10 Mar 2016 20:57

Instrument :

BNA_F

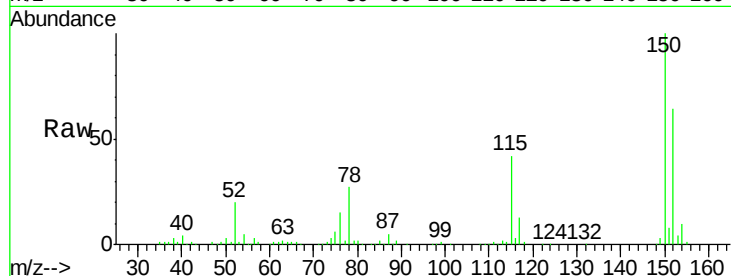
ClientSampleId :

TEC-COMP6RE

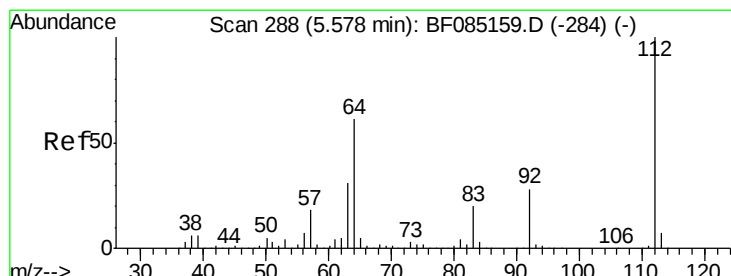
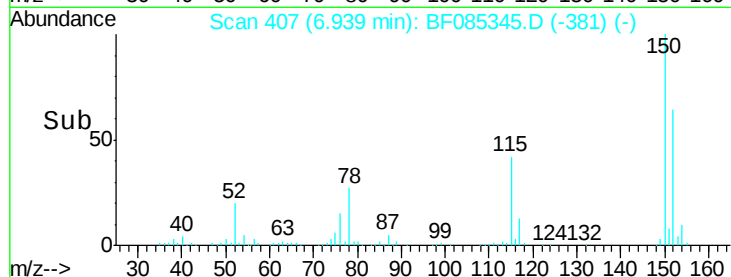
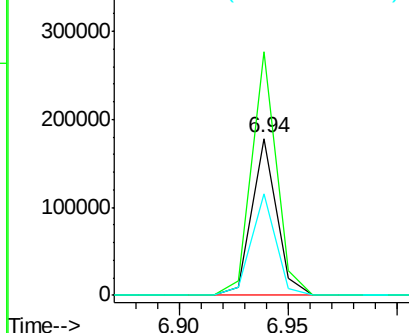
Tgt Ion:	152	Resp:	141554
Ion Ratio	Lower	Upper	
152	100		
150	155.4	124.6	186.8
115	65.0	46.6	70.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 118.89 ng

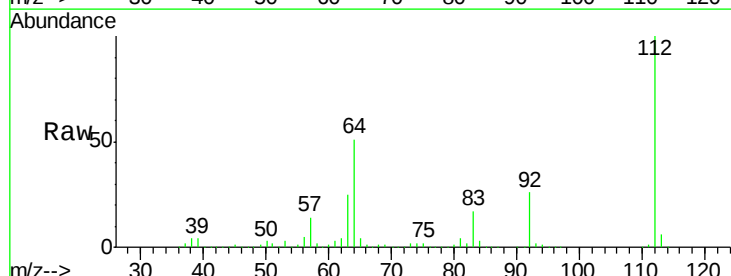
RT: 5.54 min Scan# 285

Delta R.T. 0.01 min

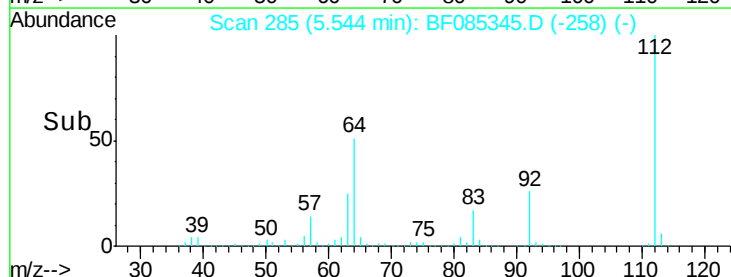
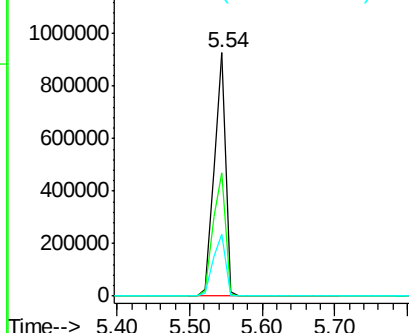
Lab File: BF085345.D

Acq: 10 Mar 2016 20:57

Tgt Ion:	112	Resp:	1003326
Ion Ratio	Lower	Upper	
112	100		
64	50.5	49.0	73.4
63	25.2	24.8	37.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.83 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085345.D

Acq: 10 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

TEC-COMP6RE

Tgt Ion: 99 Resp: 1081602

Ion Ratio Lower Upper

99 100

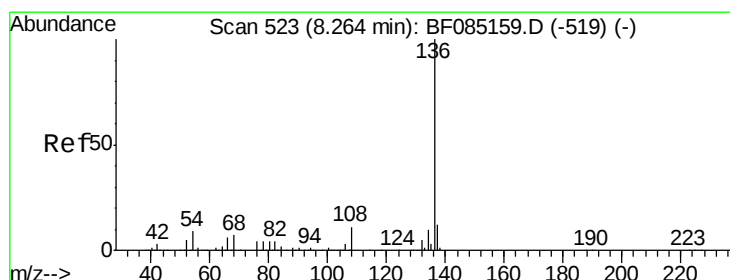
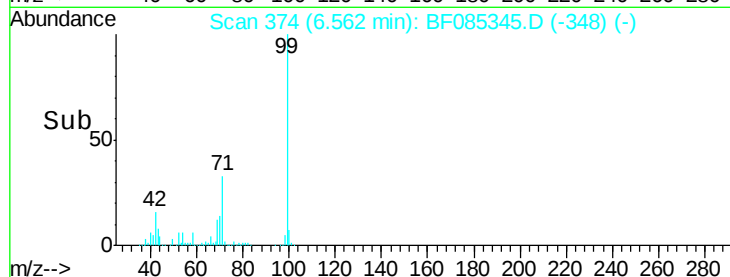
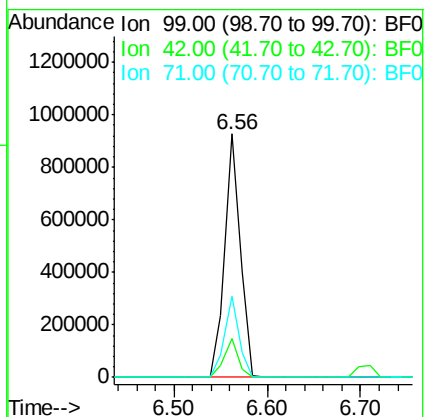
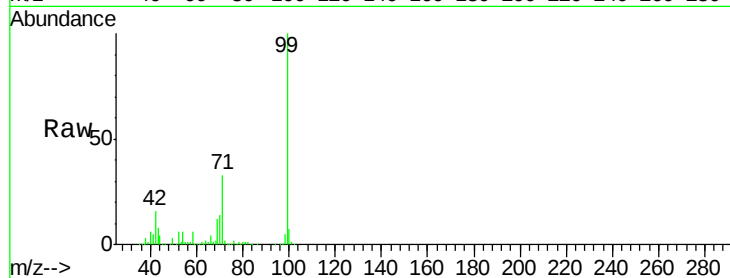
42 16.1 13.6 20.4

71 33.1 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: BF085345.D

Acq: 10 Mar 2016 20:57

Tgt Ion: 136 Resp: 498019

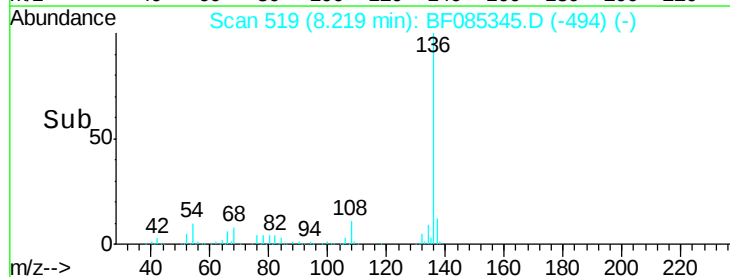
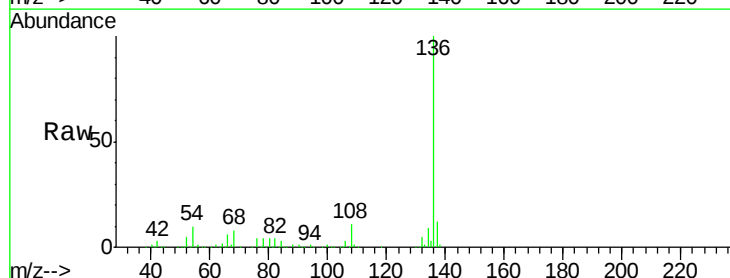
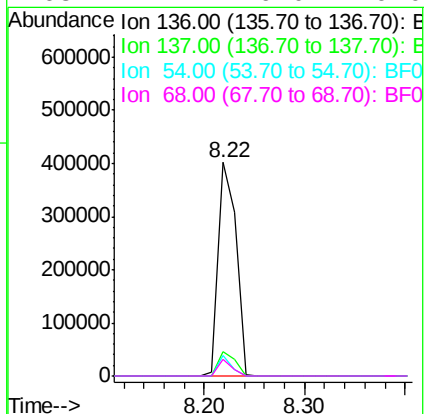
Ion Ratio Lower Upper

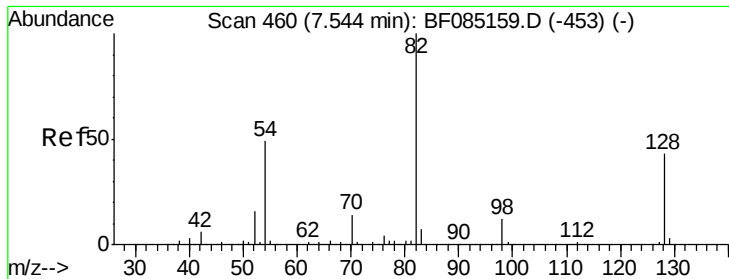
136 100

137 11.5 9.3 13.9

54 9.6 7.4 11.2

68 7.7 6.0 9.0





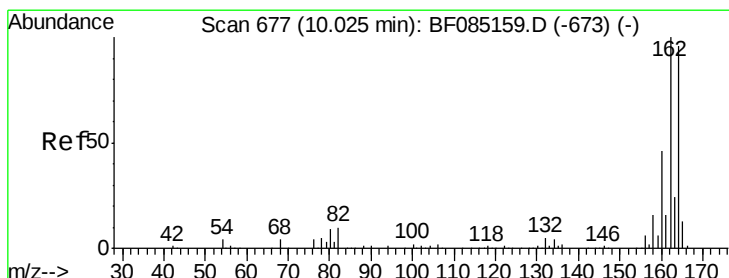
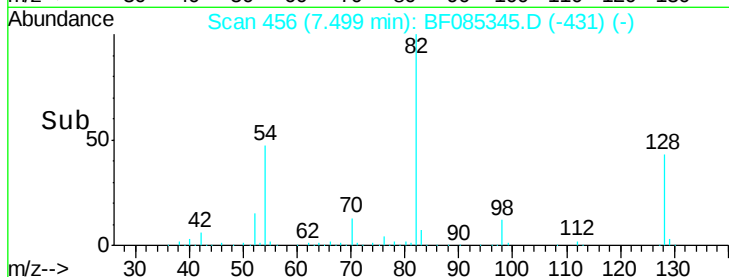
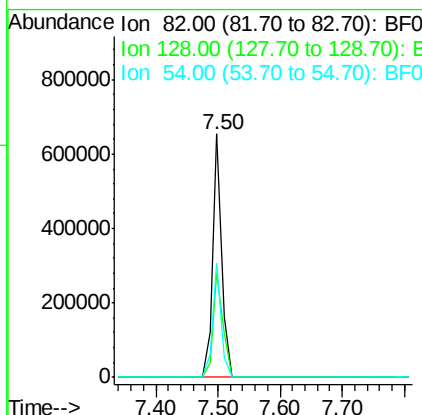
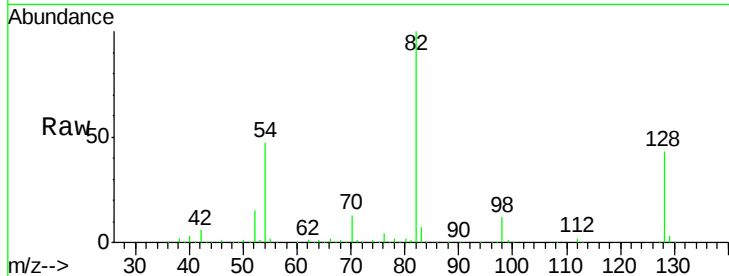
#23
 Nitrobenzene-d5
 Concen: 69.73 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085345.D
 Acq: 10 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	648976		
128	42.6	34.5	51.7	
54	47.0	39.3	58.9	

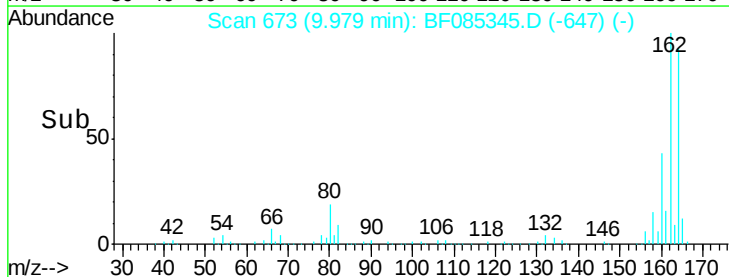
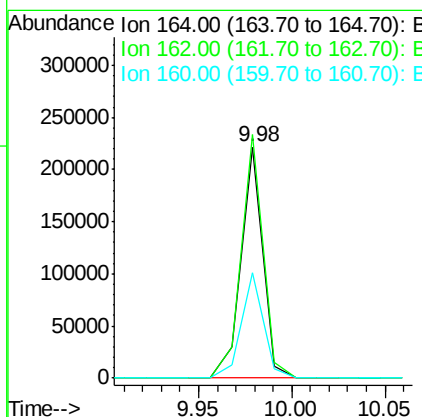
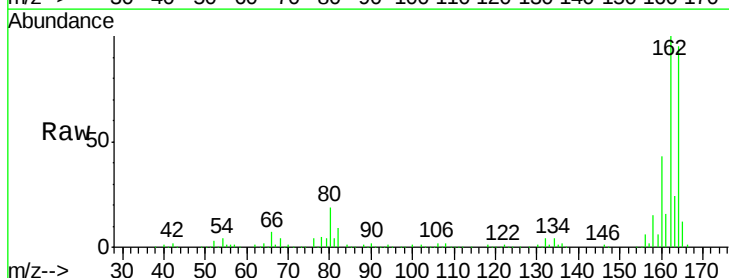
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF085345.D
 Acq: 10 Mar 2016 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	180794		
162	105.2	83.3	124.9	
160	45.5	37.9	56.9	





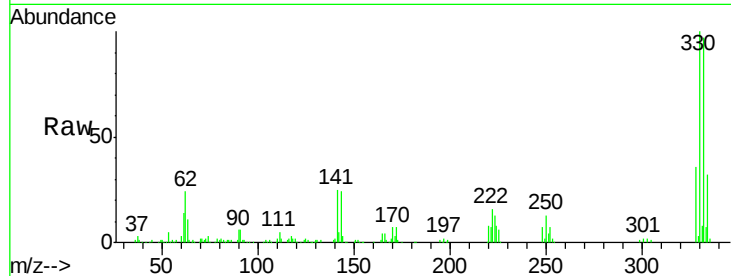
#41
 2,4,6-Tribromophenol
 Concen: 118.46 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF085345.D
 Acq: 10 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP6RE

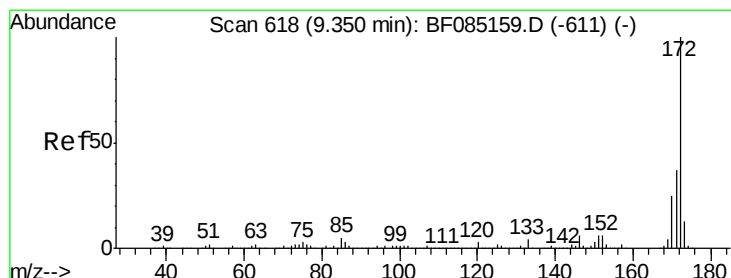
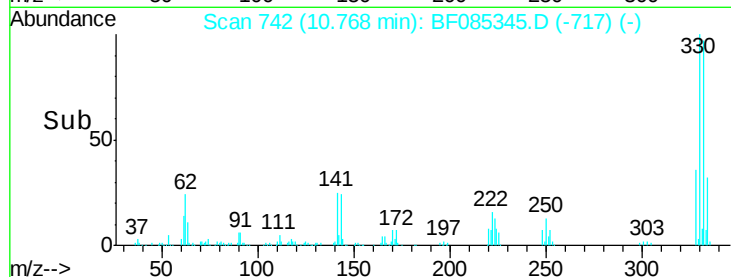
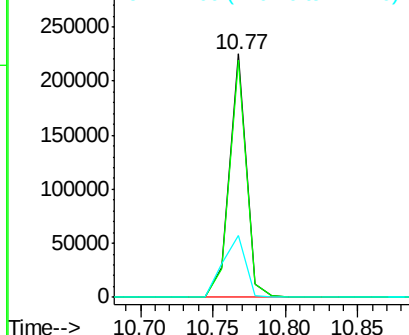
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	183250		
332	97.4	77.1	115.7	
141	34.2	35.0	52.6#	

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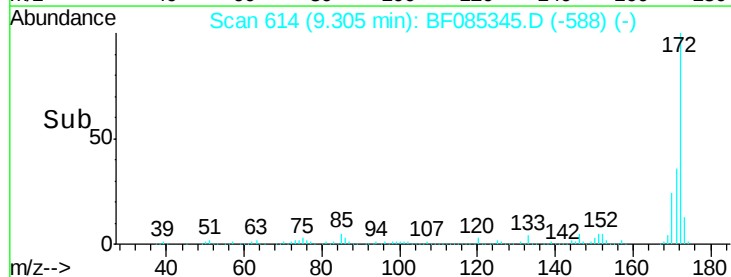
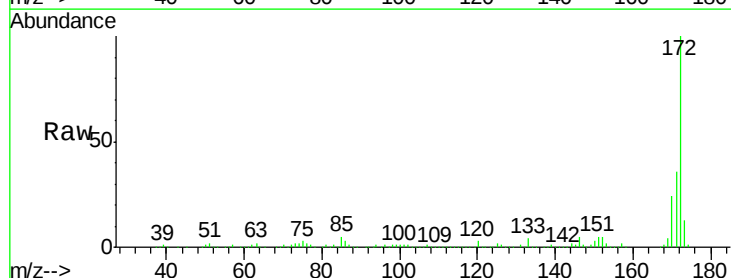
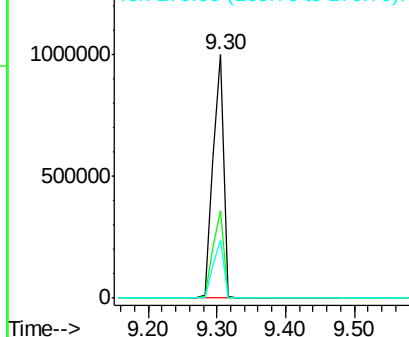
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

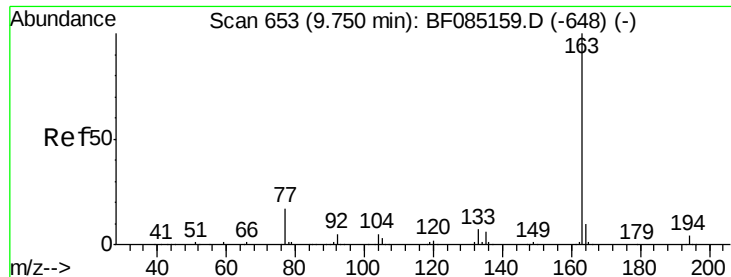


#44
 2-Fluorobiphenyl
 Concen: 92.24 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF085345.D
 Acq: 10 Mar 2016 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1096530		
171	35.9	29.3	43.9	
170	23.6	20.0	30.0	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





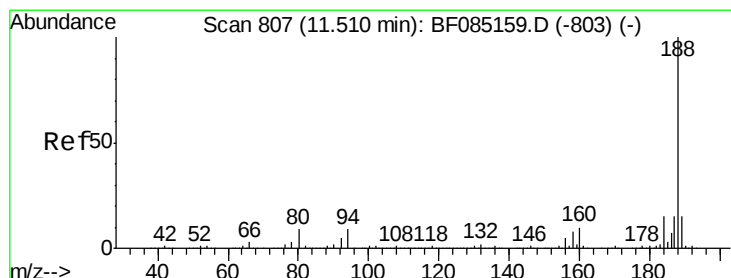
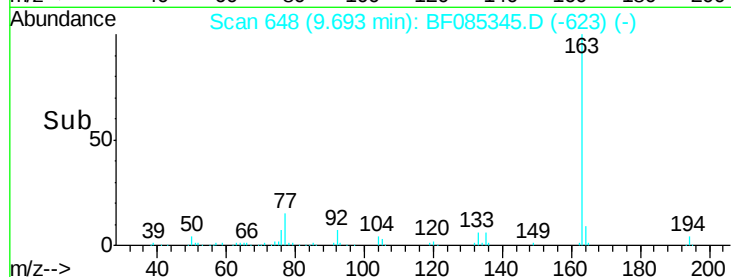
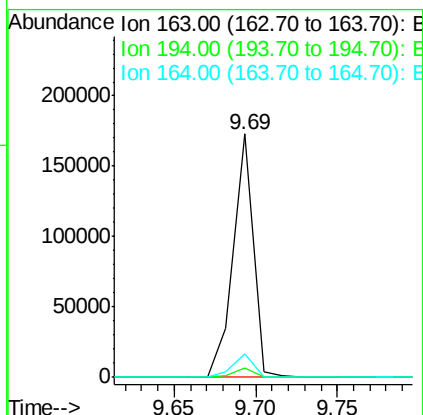
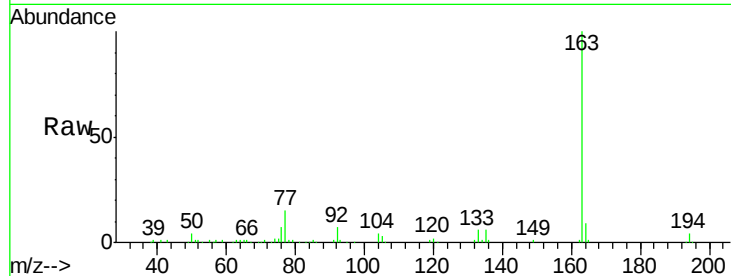
#49
Dimethylphthalate
Concen: 10.52 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF085345.D
Acq: 10 Mar 2016 20:57

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	3.1	4.7
164	9.4	8.2	12.4

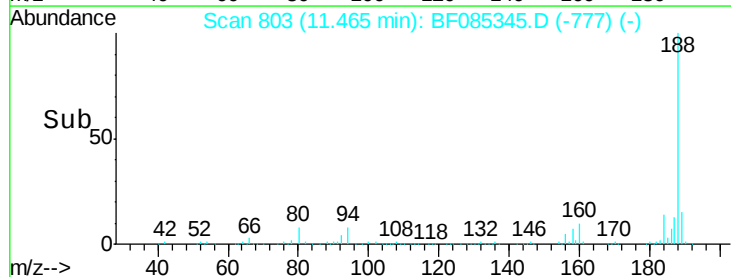
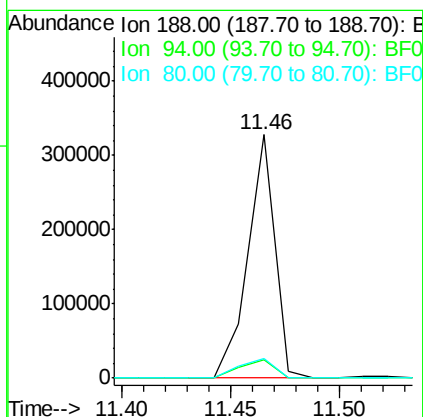
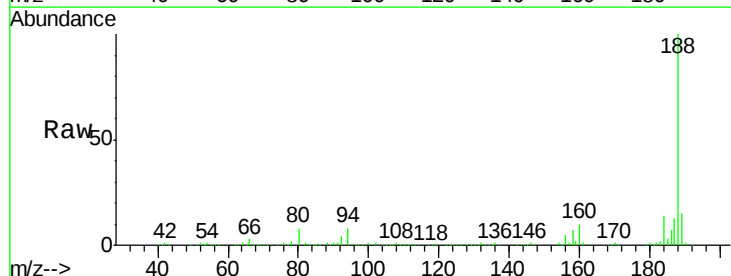
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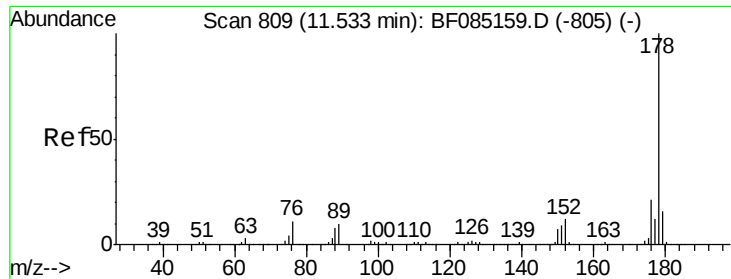
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF085345.D
Acq: 10 Mar 2016 20:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.5	7.0	10.6
80	7.9	7.4	11.0





#70

Phenanthrene

Concen: 2.34 ng

RT: 11.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF085345.D

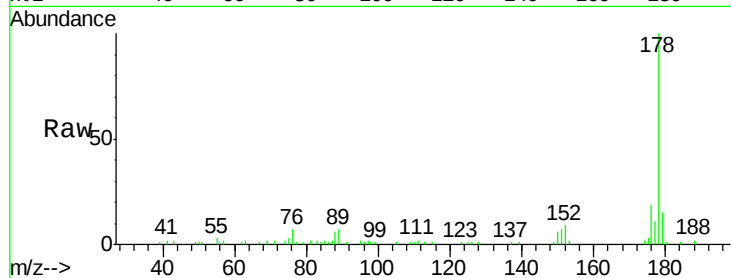
Acq: 10 Mar 2016 20:57

Instrument :

BNA_F

ClientSampleId :

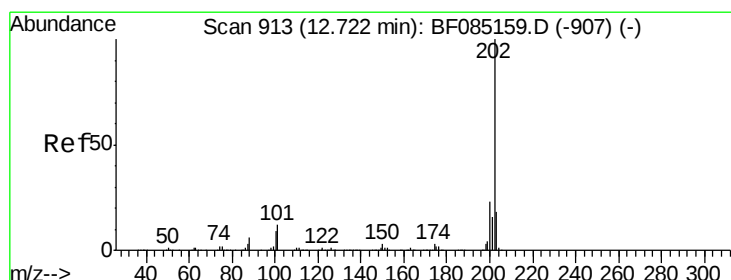
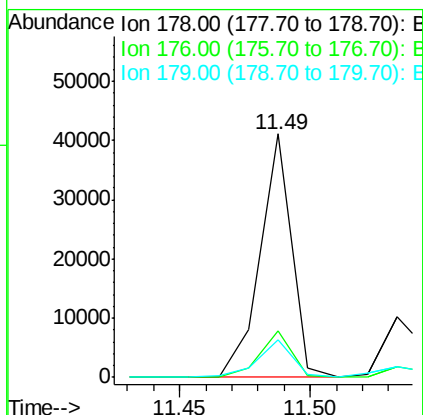
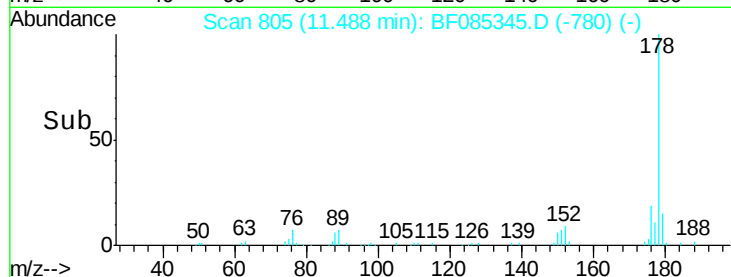
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Tgt Ion:	178	Resp:	34755
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.8	25.2
179	15.2	13.1	19.7

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#74

Fluoranthene

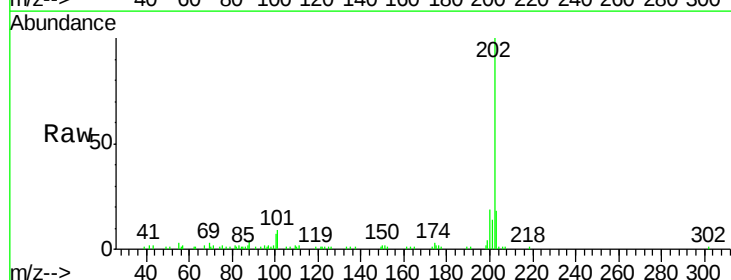
Concen: 3.44 ng

RT: 12.68 min Scan# 909

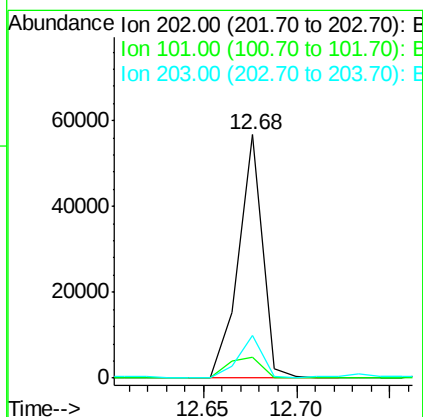
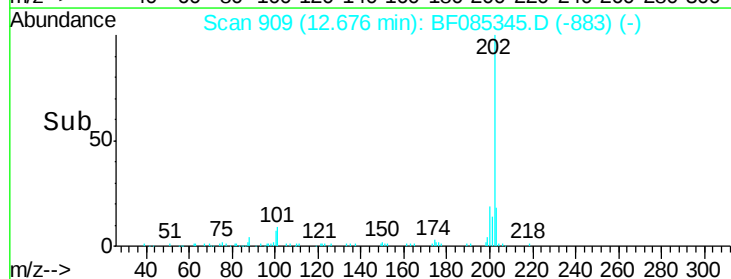
Delta R.T. -0.00 min

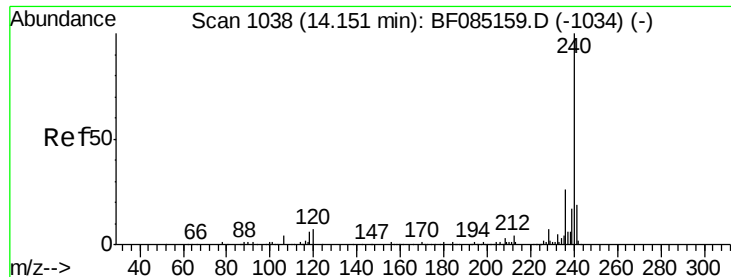
Lab File: BF085345.D

Acq: 10 Mar 2016 20:57



Tgt Ion:	202	Resp:	51277
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	31.8
203	17.6	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF085345.D

Acq: 10 Mar 2016 20:57

Instrument :

BNA_F

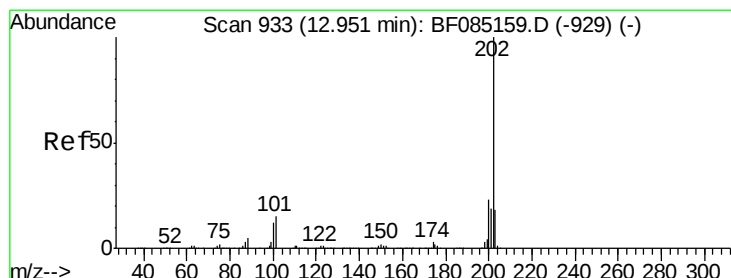
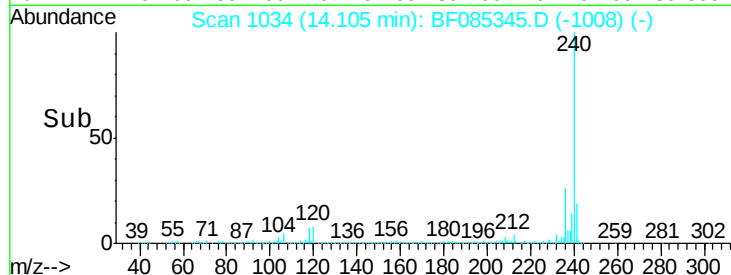
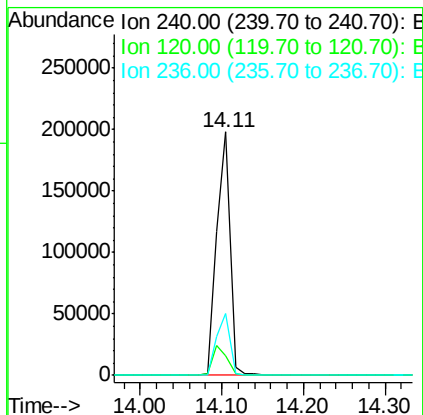
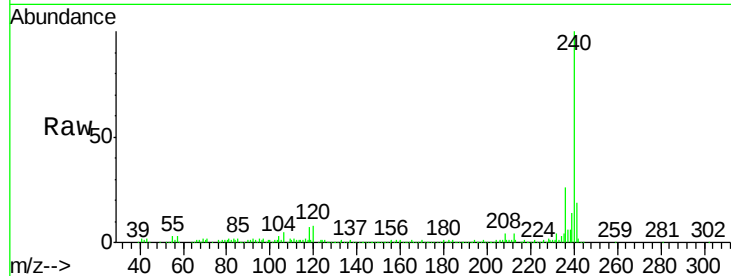
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
240	100	225191		
120	8.0	5.3	7.9#	
236	25.6	20.7	31.1	

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#77

Pyrene

Concen: 2.97 ng

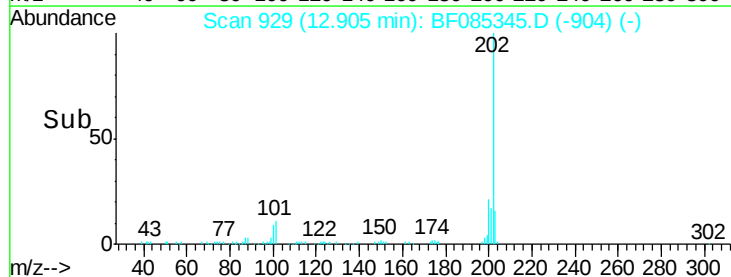
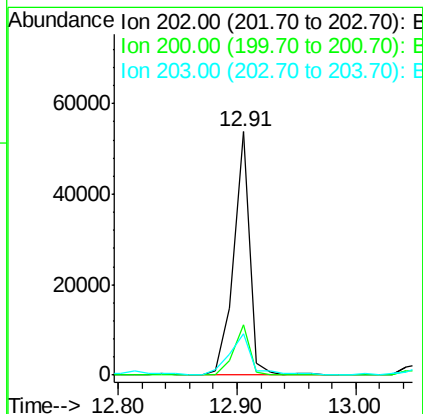
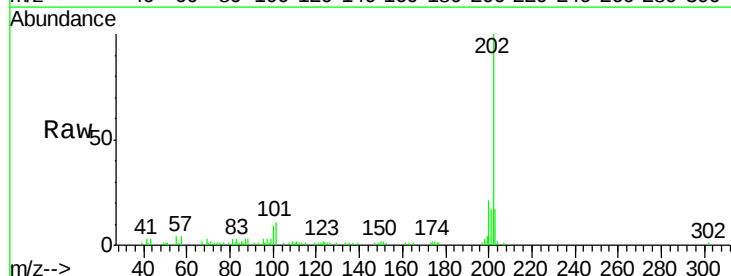
RT: 12.91 min Scan# 929

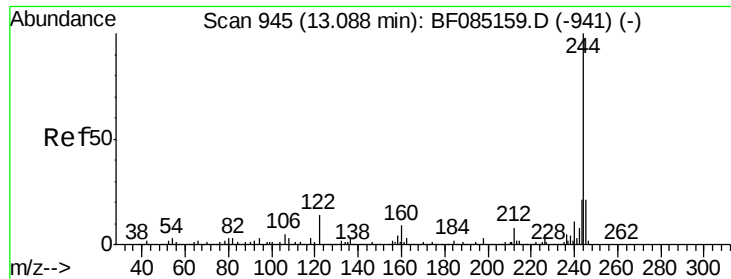
Delta R.T. -0.01 min

Lab File: BF085345.D

Acq: 10 Mar 2016 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	50415		
200	20.5	18.2	27.4	
203	17.0	14.7	22.1	





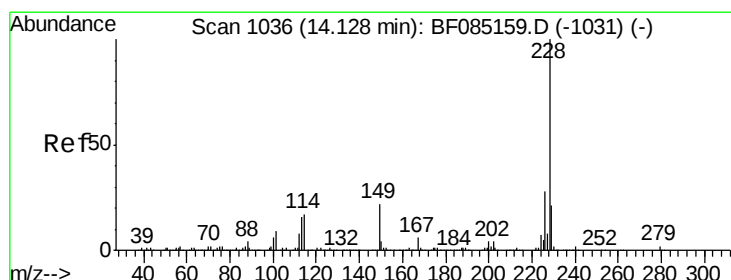
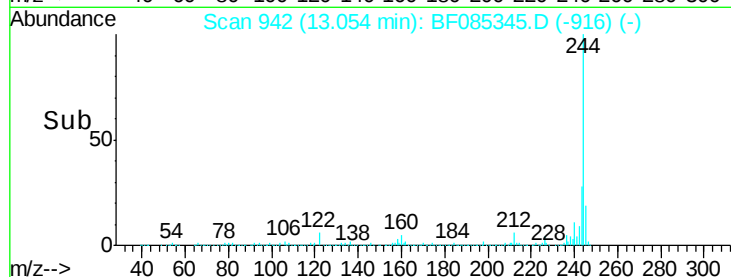
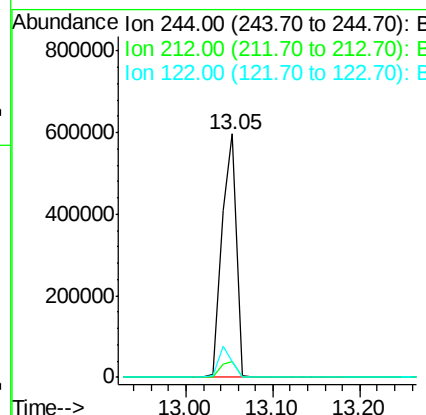
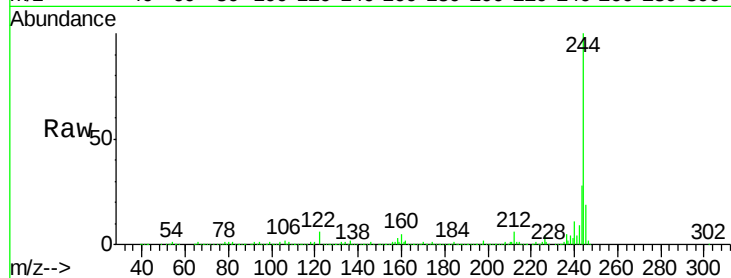
#78
 Terphenyl-d14
 Concen: 72.40 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF085345.D
 Acq: 10 Mar 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP6RE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.4	9.6#
122	6.4	11.4	17.2#

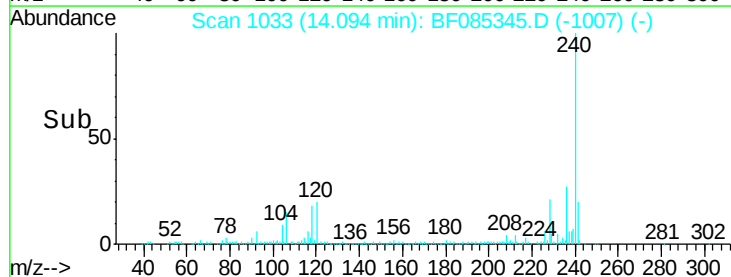
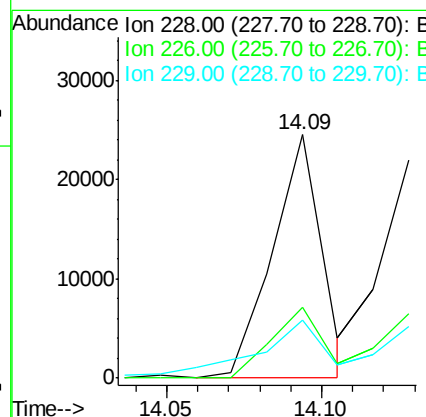
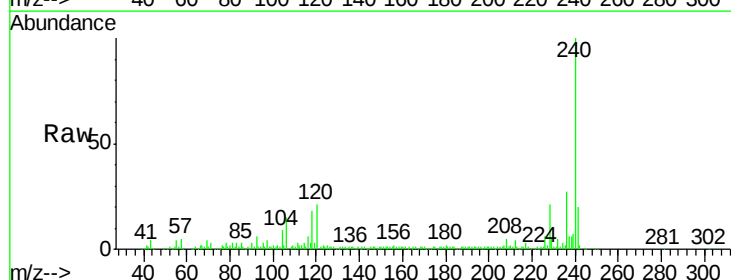
Manual Integrations
 APPROVED

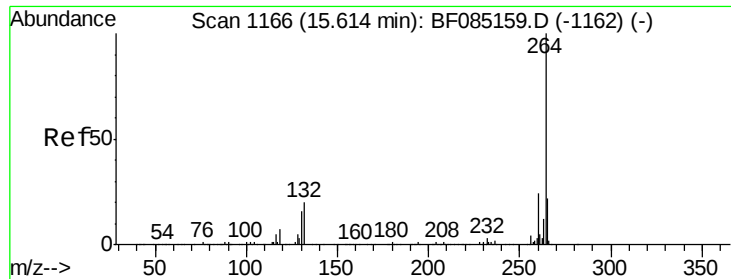
Sohil
 3/11/2016 4:58:40 PM



#80
 Benzo(a)anthracene
 Concen: 2.02 ng m
 RT: 14.09 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF085345.D
 Acq: 10 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.8	34.2
229	23.7	16.6	24.8





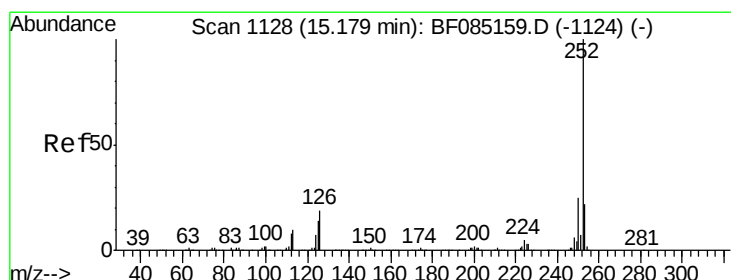
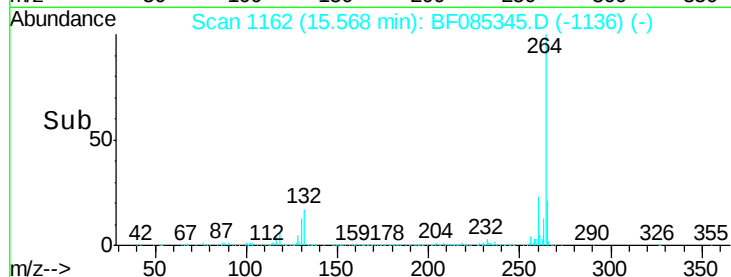
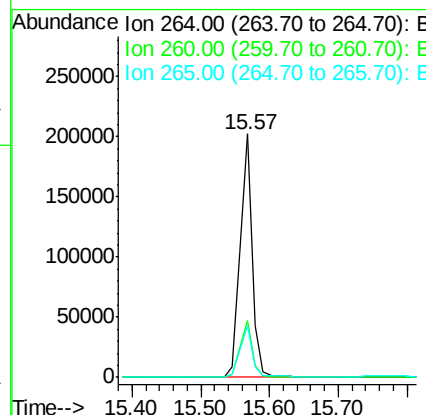
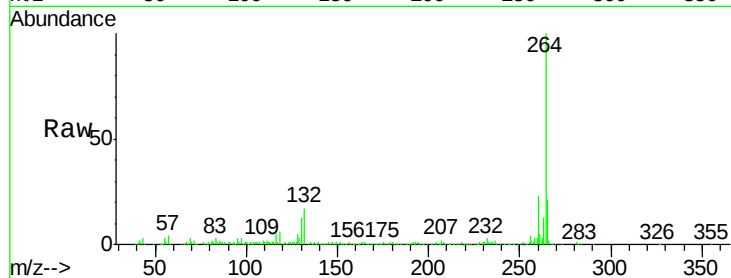
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF085345.D
Acq: 10 Mar 2016 20:57

Instrument :
BNA_F
ClientSampled :
TEC-COMP6RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.3	25.9

Manual Integrations
APPROVED

Sohil
3/11/2016 4:58:40 PM



#87
Benzo(b)fluoranthene
Concen: 2.11 ng m
RT: 15.13 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF085345.D
Acq: 10 Mar 2016 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	24.8	11.3	16.9

