

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085754.D
 Acq On : 25 Mar 2016 10:51
 Operator : UM/SJ
 Sample : H1891-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B5COMP

Manual Integrations
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 3/25/2016 5:56:57 PM

Quant Time: Mar 25 15:58:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	116200	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	384863	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	133702	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	231368	20.00	ng	0.00
75) Chrysene-d12	13.99	240	216249	20.00	ng	0.01
86) Perylene-d12	15.42	264	187440	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	754312	108.11	ng	0.01
7) Phenol-d6	6.46	99	918065	103.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	619299	90.62	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	129740	102.13	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	739416	92.40	ng	0.00
78) Terphenyl-d14	12.93	244	482363	45.87	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	48581	2.51	ng	96
37) 2-Methylnaphthalene	8.82	142	58699	3.29	ng	97
49) Dimethylphthalate	9.58	163	163824	16.15	ng	# 74
70) Phenanthrene	11.37	178	40535	3.41	ng	# 89

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

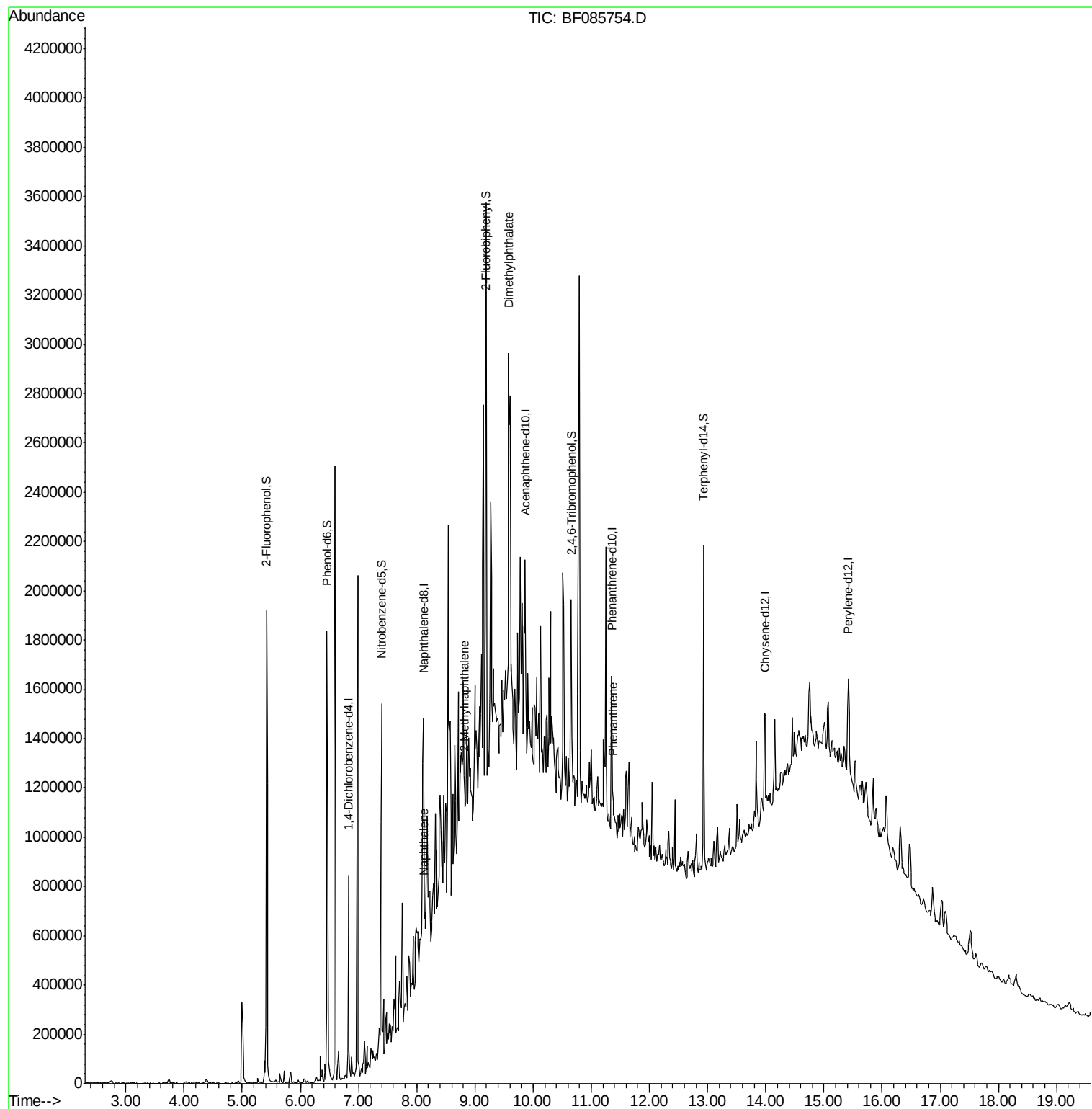
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085754.D
Acq On : 25 Mar 2016 10:51
Operator : UM/SJ
Sample : H1891-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

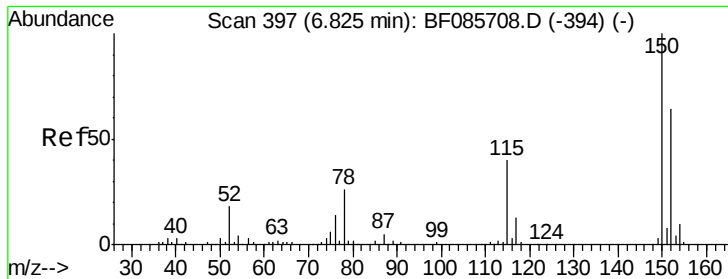
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

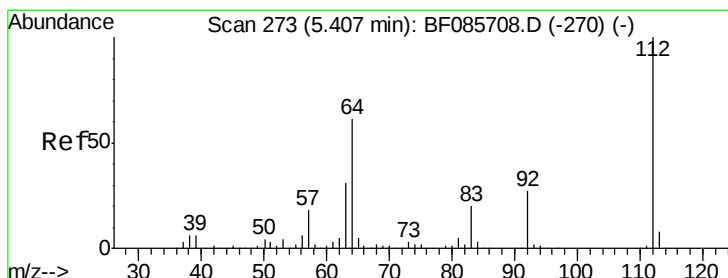
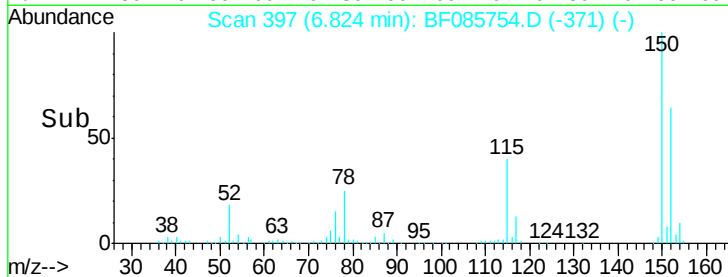
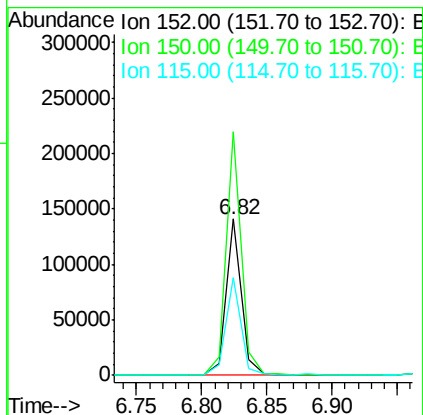
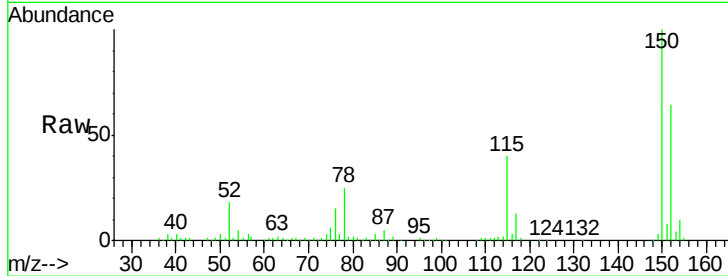
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :
TEC-B5COMP

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	116200		
150	155.6	124.2	186.2	
115	62.5	47.0	70.6	

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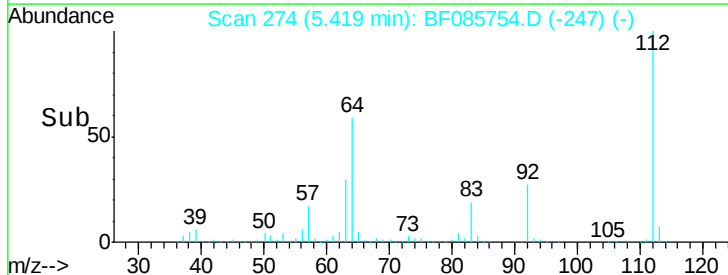
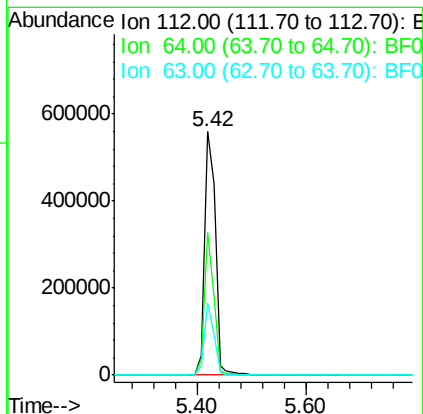
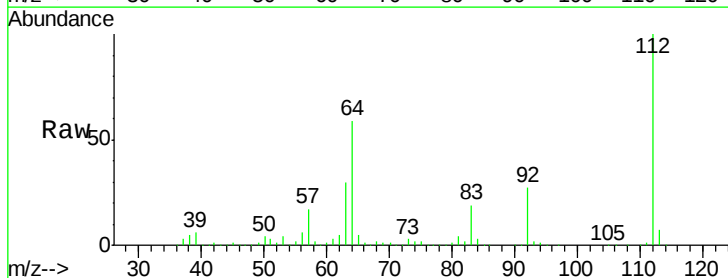
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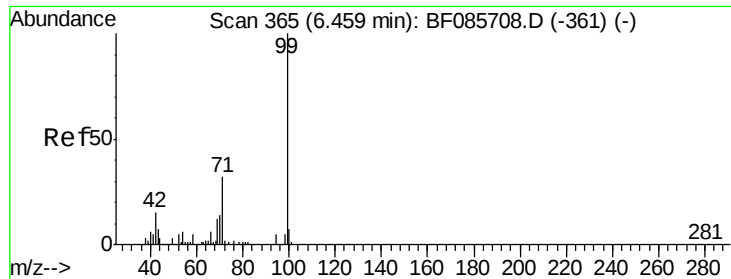


#5

2-Fluorophenol
Concen: 108.11 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	754312		
64	58.6	39.9	59.9	
63	29.6	20.2	30.2	





#7

Phenol-d6

Concen: 103.49 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085754.D

Acq: 25 Mar 2016 10:51

Instrument :

BNA_F

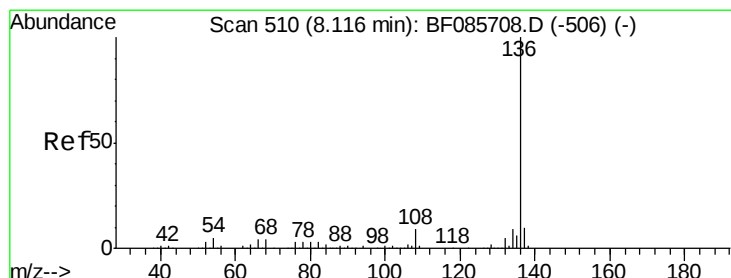
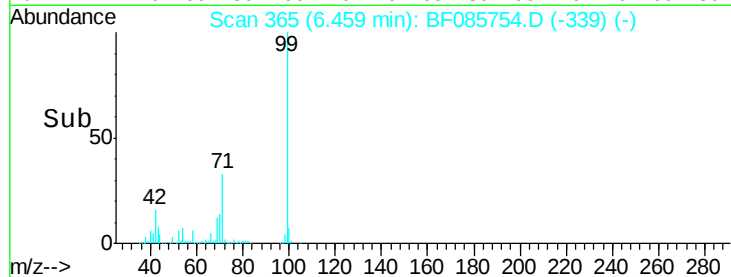
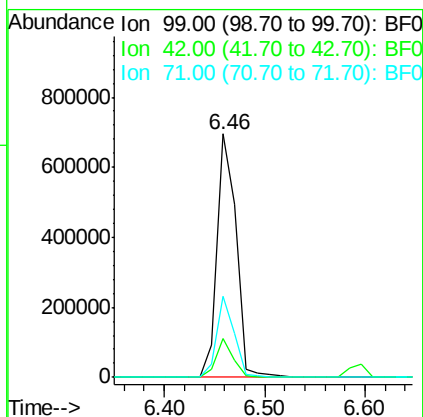
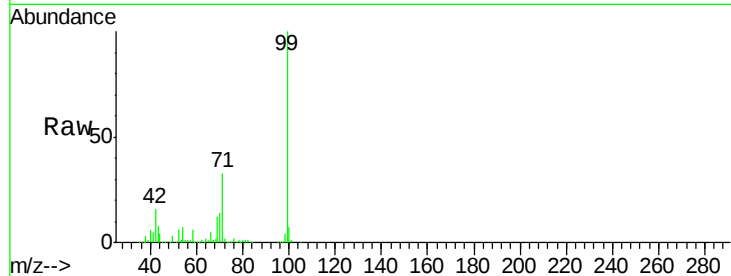
ClientSampleId :

TEC-B5COMP

Tgt Ion:	99	Resp:	918065
Ion Ratio	Lower	Upper	
99	100		
42	16.0	11.1	16.7
71	33.4	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

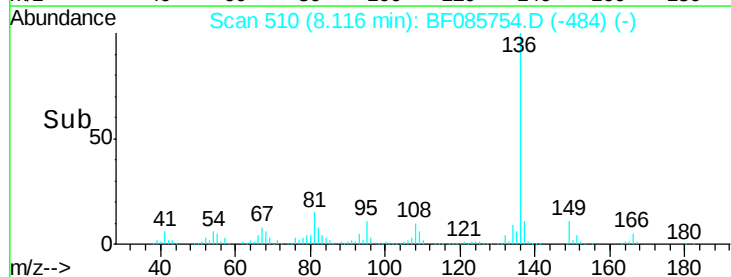
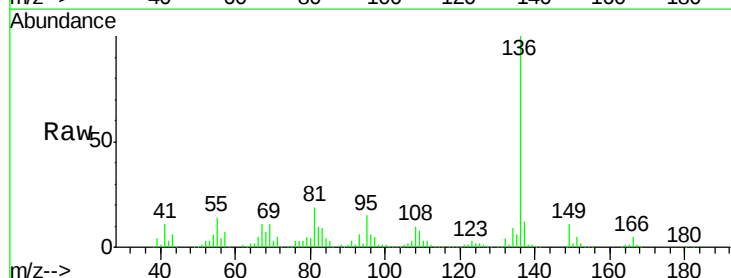
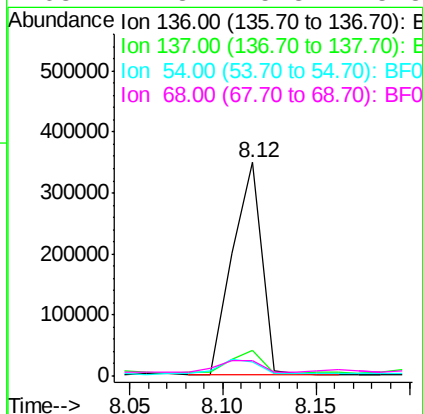
RT: 8.12 min Scan# 510

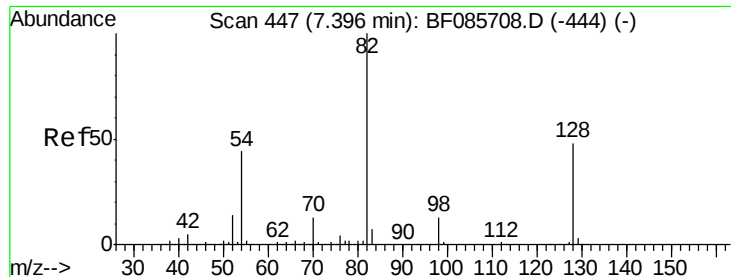
Delta R.T. -0.00 min

Lab File: BF085754.D

Acq: 25 Mar 2016 10:51

Tgt Ion:	136	Resp:	384863
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.1	13.7
54	6.5	7.4	11.0#
68	7.3	5.8	8.8





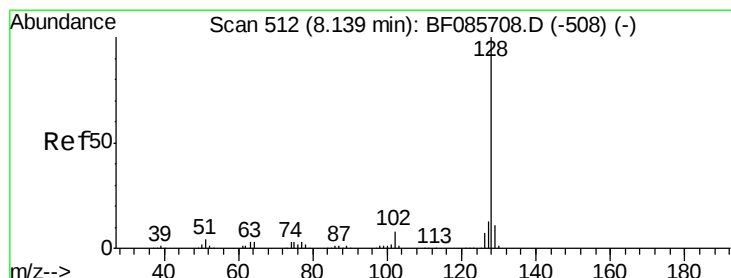
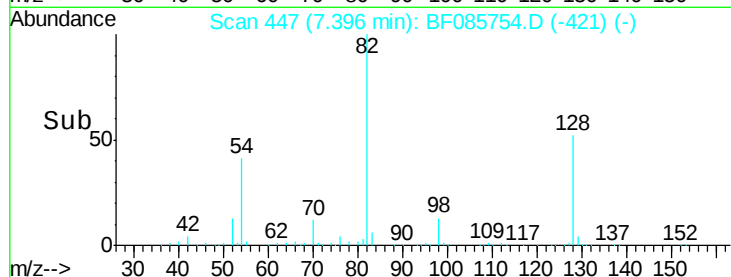
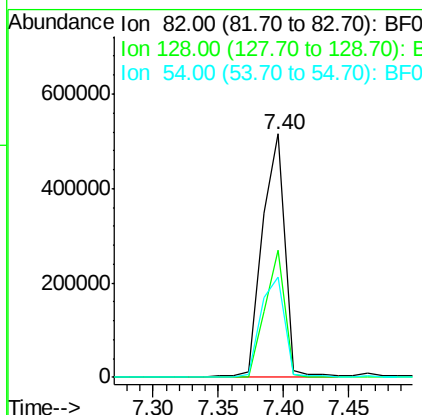
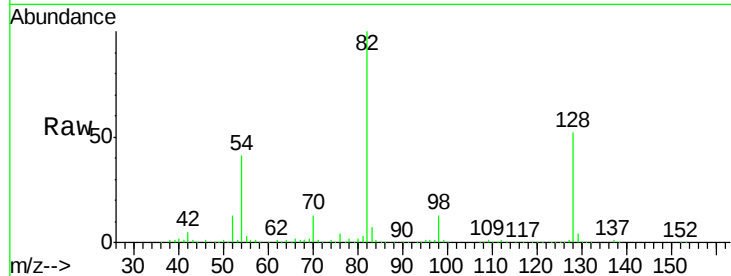
#23
Nitrobenzene-d5
Concen: 90.62 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :
TEC-B5COMP

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	619299		
128	52.1	41.8	62.8	
54	41.0	33.4	50.0	

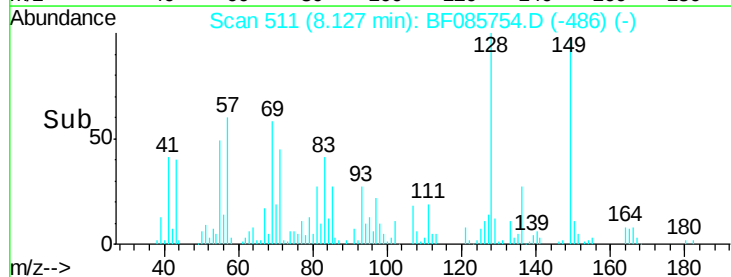
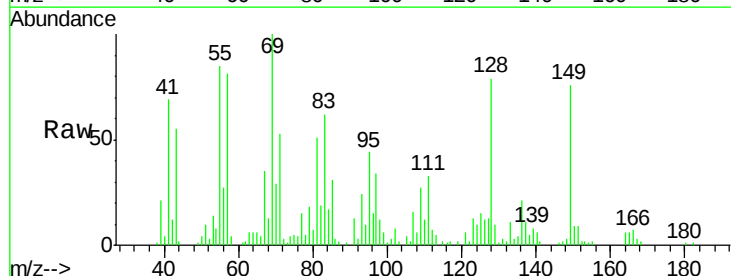
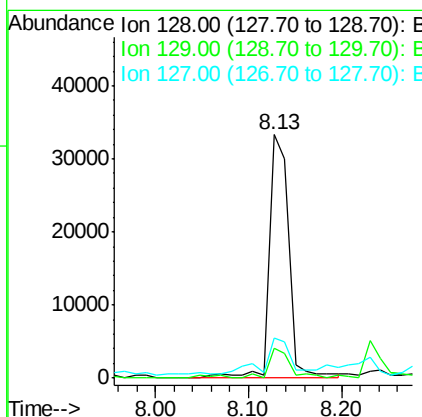
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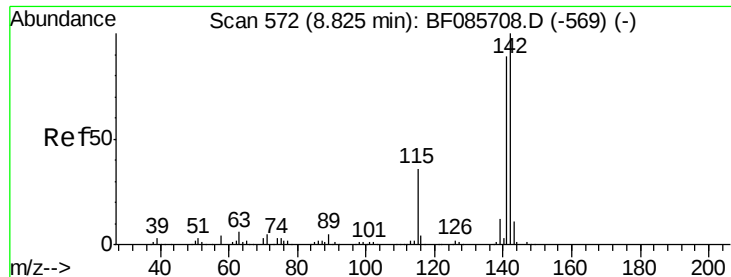
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#31
Naphthalene
Concen: 2.51 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	48581		
129	12.1	9.4	14.0	
127	16.2	11.0	16.6	





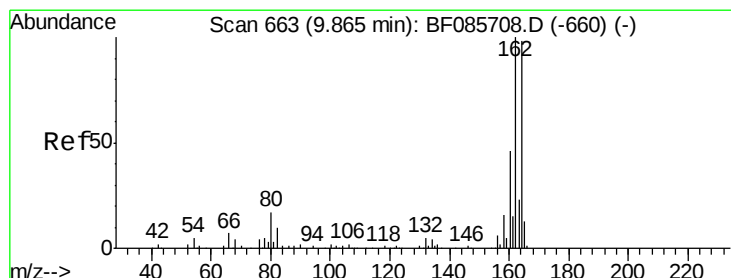
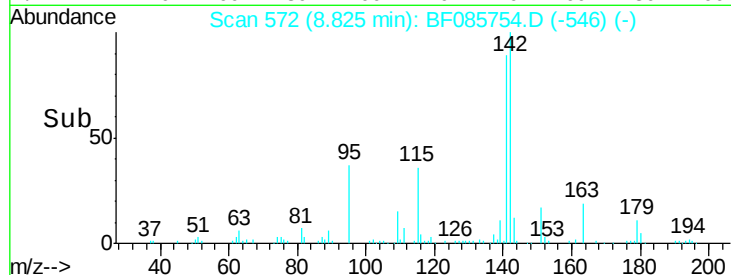
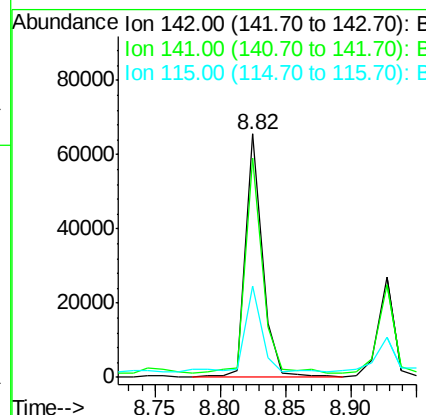
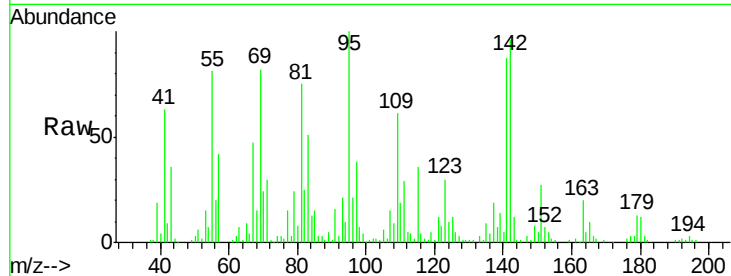
#37
 2-Methylnaphthalene
 Concen: 3.29 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085754.D
 Acq: 25 Mar 2016 10:51

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B5COMP

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	58699		
141	90.3	71.6	107.4	
115	37.7	26.8	40.2	

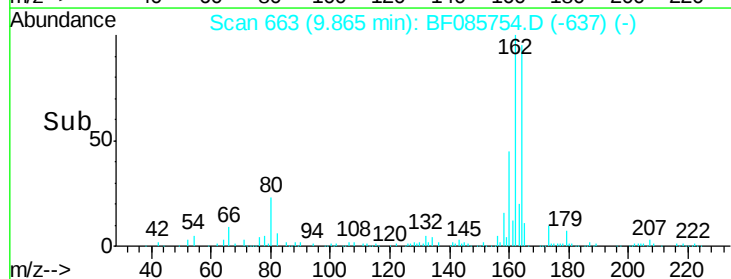
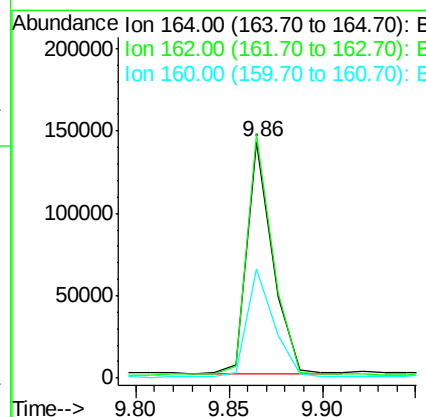
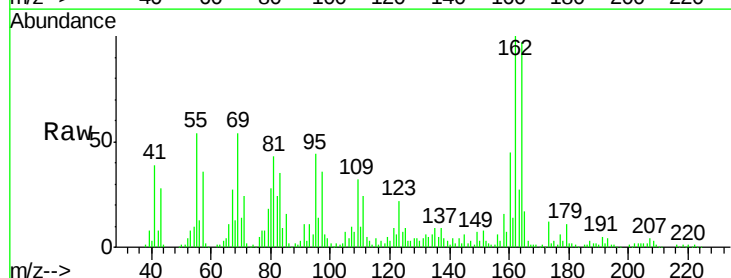
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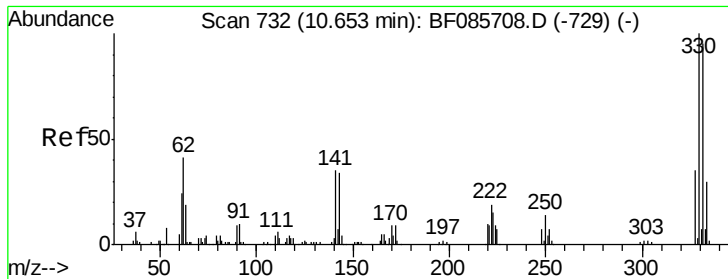
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085754.D
 Acq: 25 Mar 2016 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	133702		
162	102.9	82.1	123.1	
160	46.1	37.4	56.2	





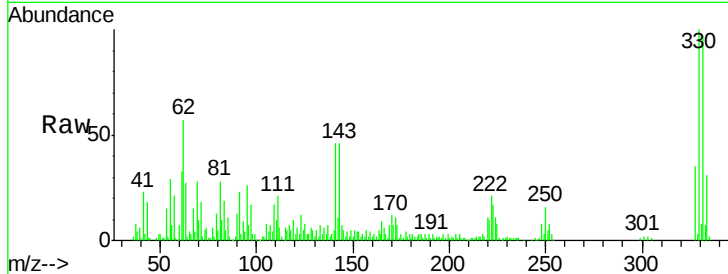
#41
 2,4,6-Tribromophenol
 Concen: 102.13 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085754.D
 Acq: 25 Mar 2016 10:51

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B5COMP

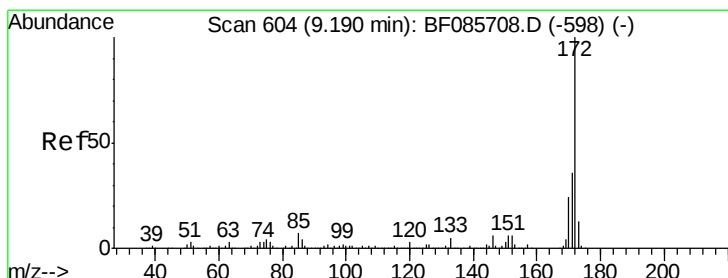
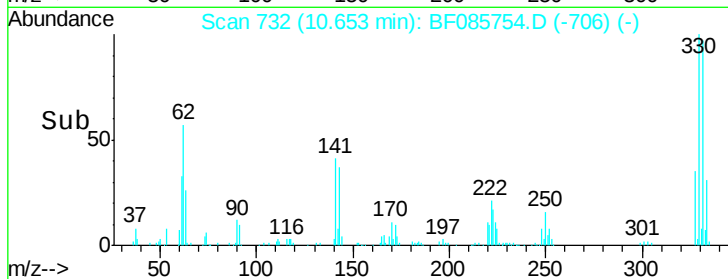
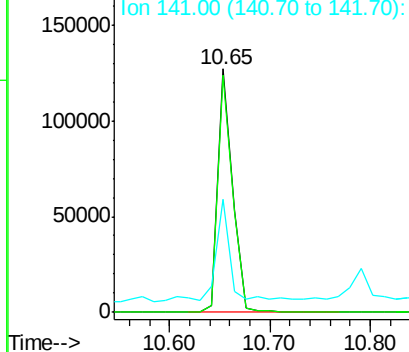
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	129740		
332	97.3	78.2	117.2	
141	41.8	31.5	47.3	

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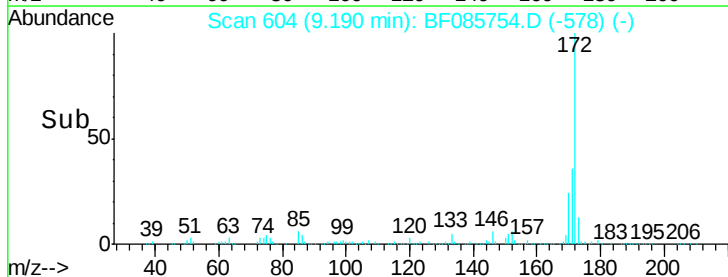
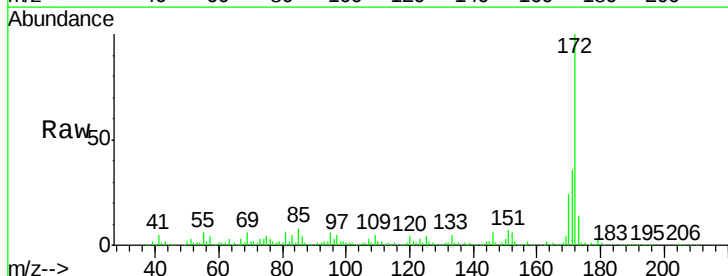
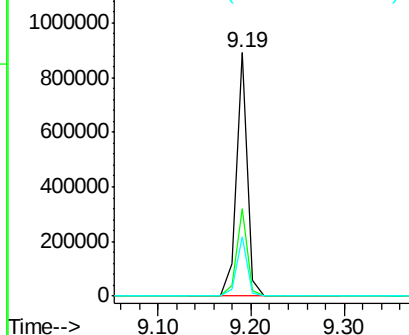
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 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

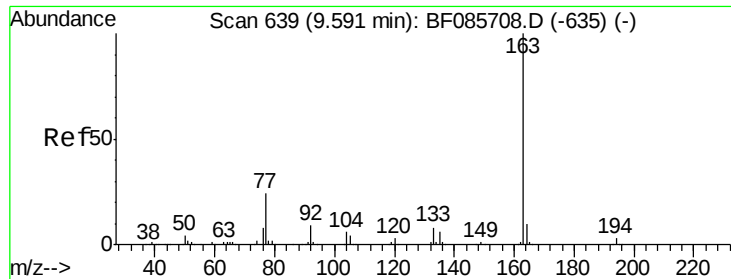


#44
 2-Fluorobiphenyl
 Concen: 92.40 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085754.D
 Acq: 25 Mar 2016 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	739416		
171	36.1	29.4	44.2	
170	24.2	19.8	29.6	

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





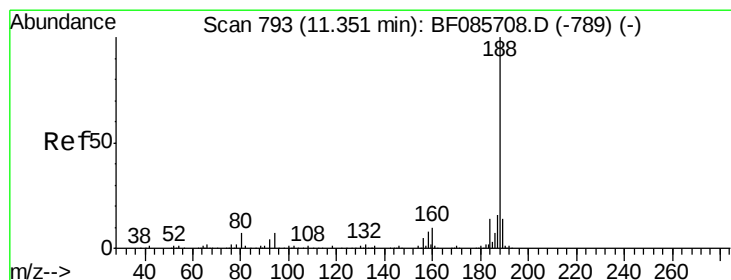
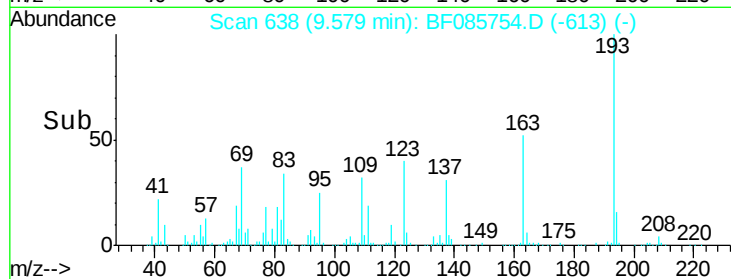
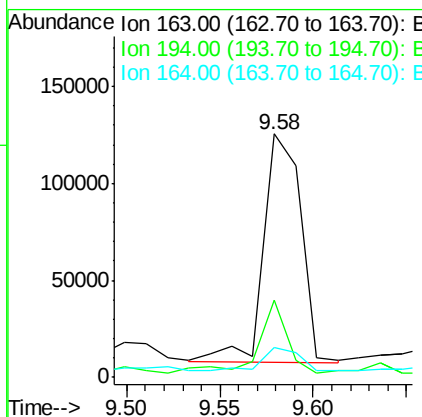
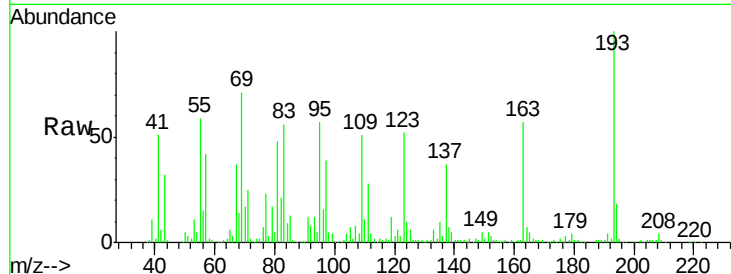
#49
Dimethylphthalate
Concen: 16.15 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :
TEC-B5COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	31.7	2.9	4.3#
164	12.2	8.3	12.5

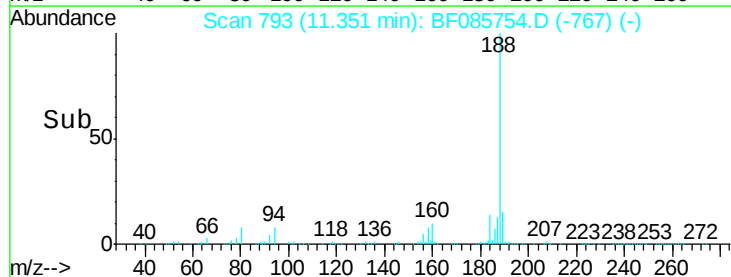
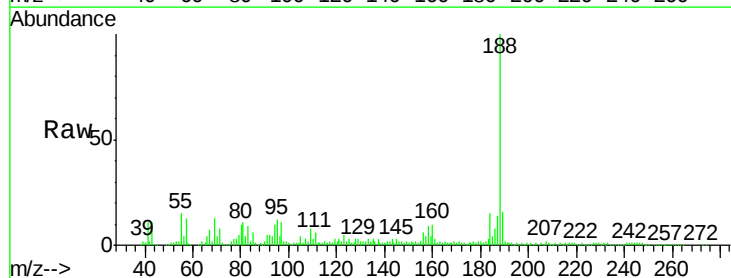
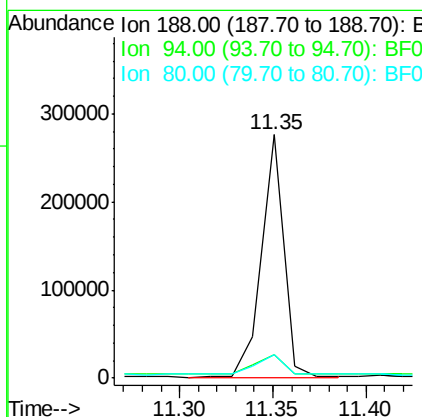
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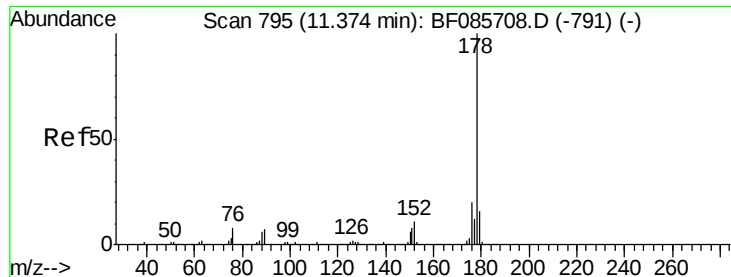
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085754.D
Acq: 25 Mar 2016 10:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.7	5.4	8.0#
80	9.6	5.5	8.3#





#70

Phenanthrene

Concen: 3.41 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF085754.D

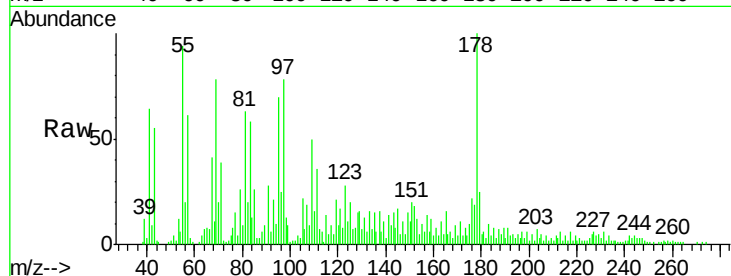
Acq: 25 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

TEC-B5COMP



Tgt Ion:178 Resp: 40535

Ion Ratio Lower Upper

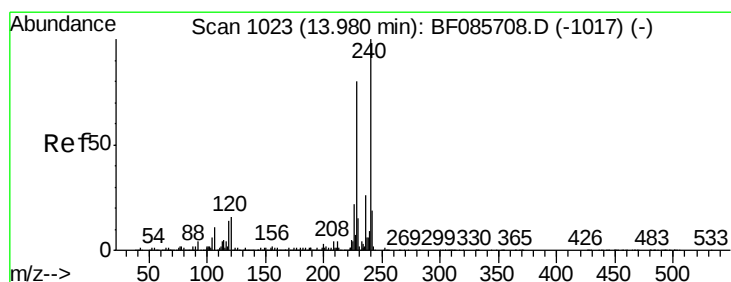
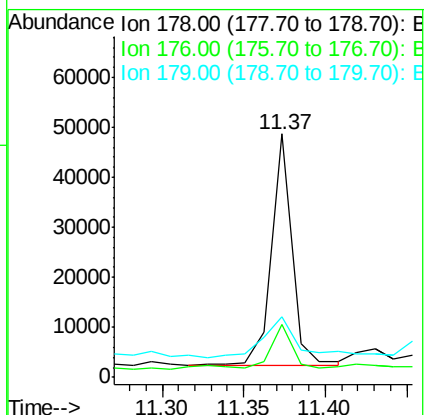
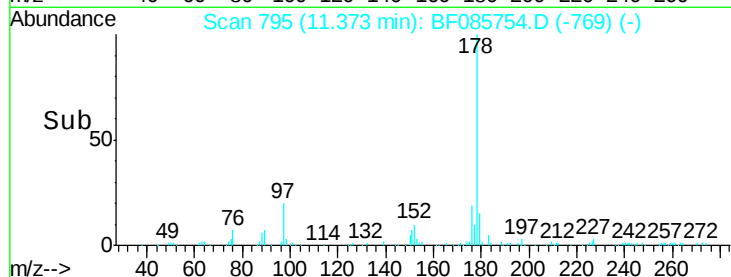
178 100

176 22.0 16.3 24.5

179 24.7 12.6 18.8#

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF085754.D

Acq: 25 Mar 2016 10:51

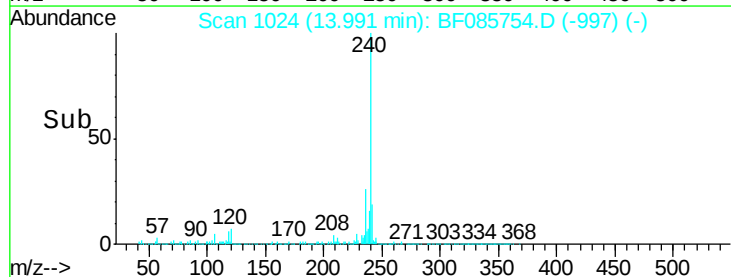
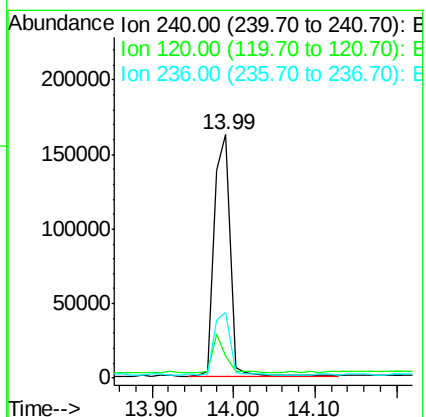
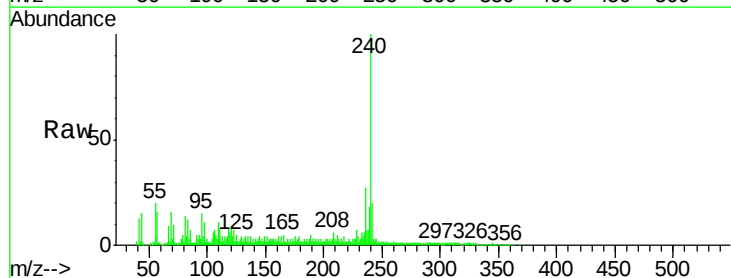
Tgt Ion:240 Resp: 216249

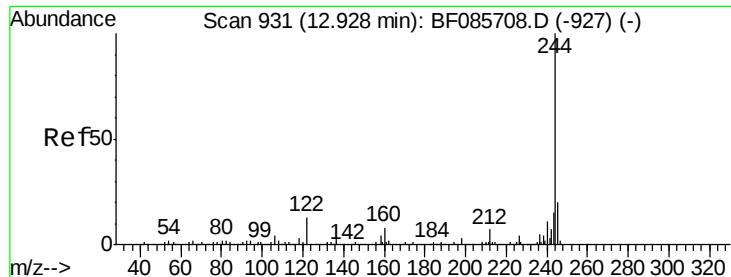
Ion Ratio Lower Upper

240 100

120 9.4 13.8 20.8#

236 26.9 20.6 30.8





#78

Terphenyl-d14

Concen: 45.87 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085754.D

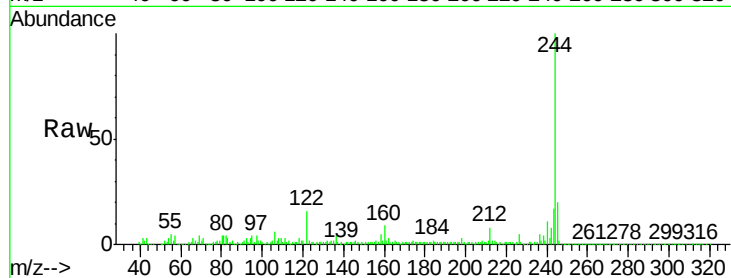
Acq: 25 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

TEC-B5COMP



Tgt Ion:244 Resp: 482363

Ion Ratio Lower Upper

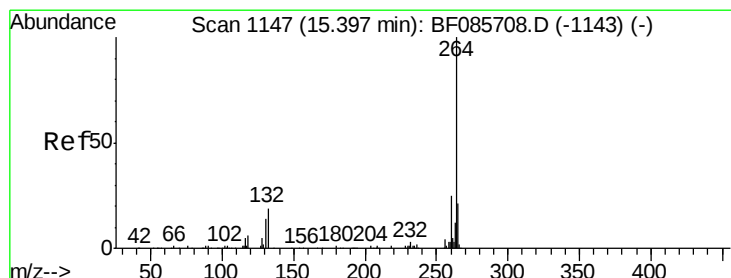
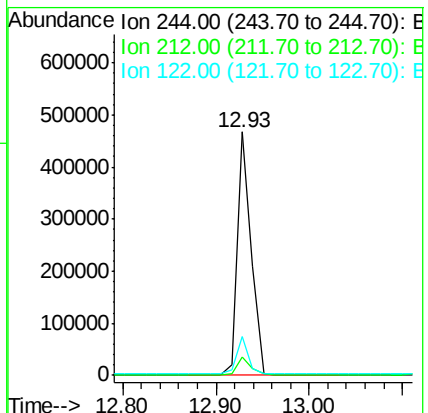
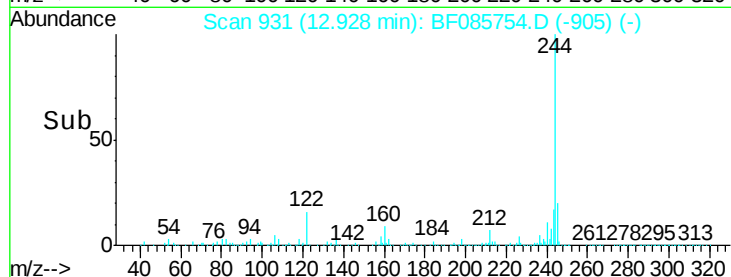
244 100

212 7.7 6.1 9.1

122 16.1 10.2 15.4#

Manual Integrations
APPROVED

Sohil
3/25/2016 5:56:57 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.42 min Scan# 1149

Delta R.T. 0.02 min

Lab File: BF085754.D

Acq: 25 Mar 2016 10:51

Tgt Ion:264 Resp: 187440

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.2

265 23.3 17.2 25.8

