

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085784.D
 Acq On : 26 Mar 2016 2:00
 Operator : UM/SJ
 Sample : H1834-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3

Manual Integrations
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Sohil
 3/28/2016 8:01:02 PM

Quant Time: Mar 26 03:38:16 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	110969	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	291012	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	130789	20.00	ng	0.01
63) Phenanthrene-d10	11.36	188	203064	20.00	ng	0.01
75) Chrysene-d12	13.98	240	225943	20.00	ng	0.00
86) Perylene-d12	15.40	264	181337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	828248	124.30	ng	0.02
7) Phenol-d6	6.47	99	1066754	125.92	ng	0.01
23) Nitrobenzene-d5	7.40	82	573951	111.06	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	144159	116.01	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	857529	109.54	ng	0.01
78) Terphenyl-d14	12.93	244	589143	53.63	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.84	142	148775	14.41	ng	96
49) Dimethylphthalate	9.59	163	92903	9.36	ng	# 63
51) Acenaphthene	9.91	154	55412	6.86	ng	# 72
70) Phenanthrene	11.38	178	285964	27.43	ng	# 94
77) Pyrene	12.79	202	61952	3.34	ng	# 92

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

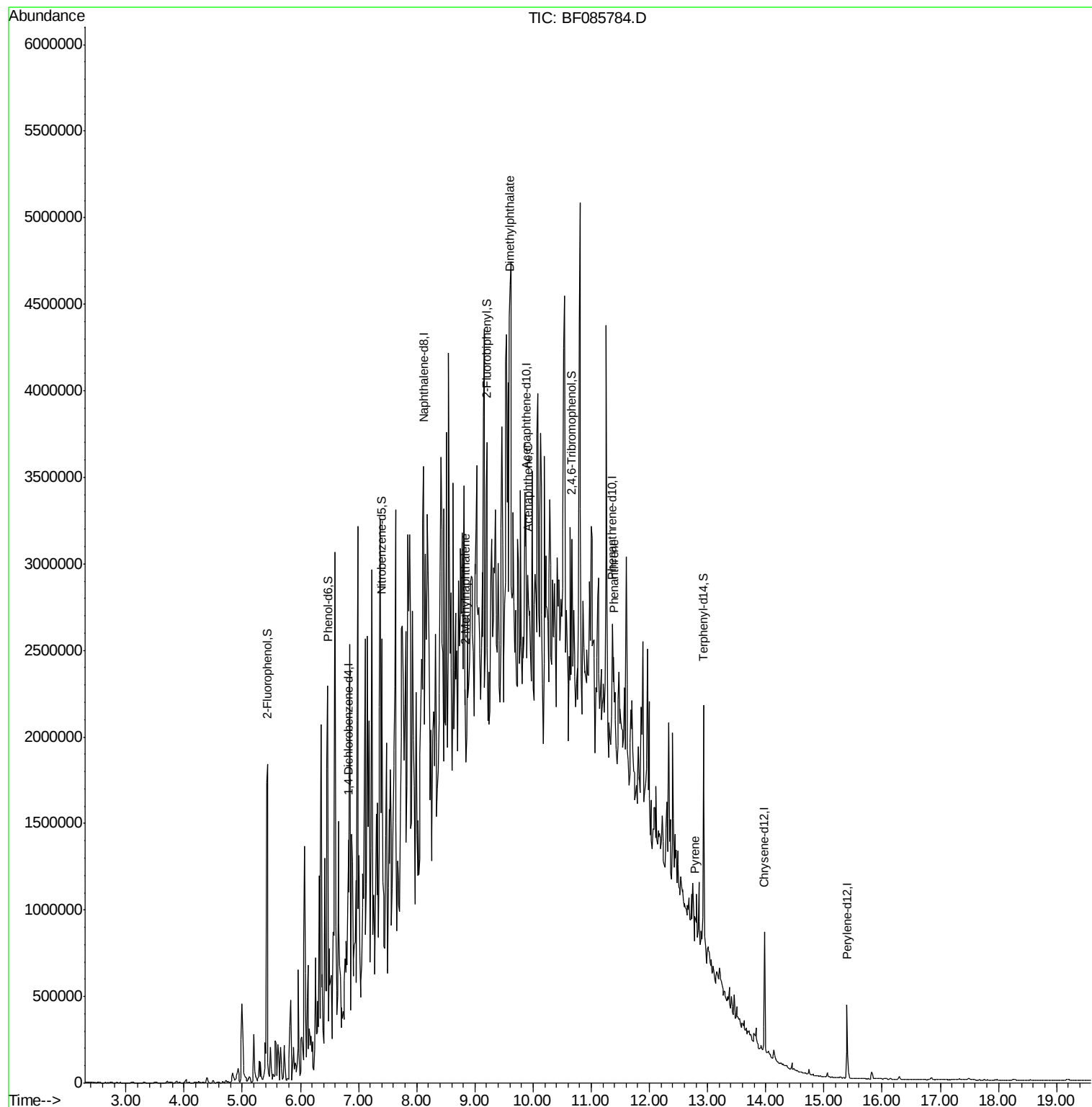
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085784.D
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Sample : H1834-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

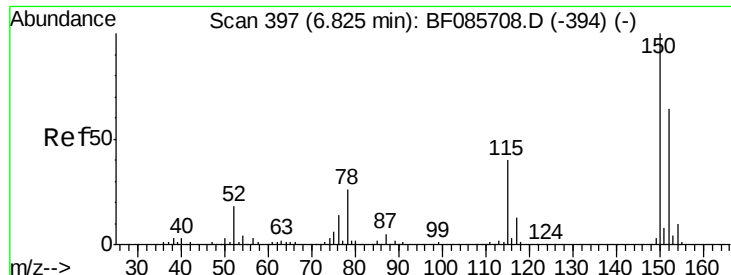
Instrument :
BNA_F
ClientSampleId :
3

Manual Integrations
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

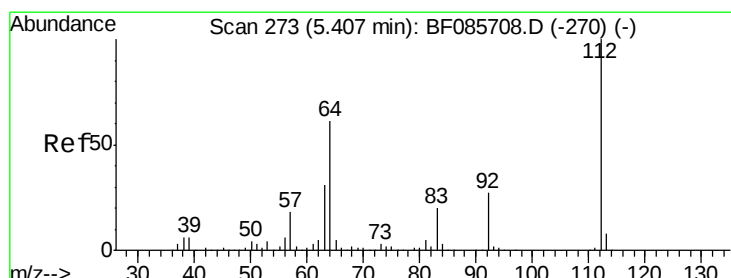
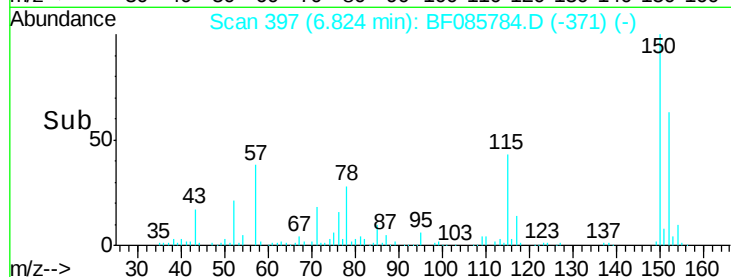
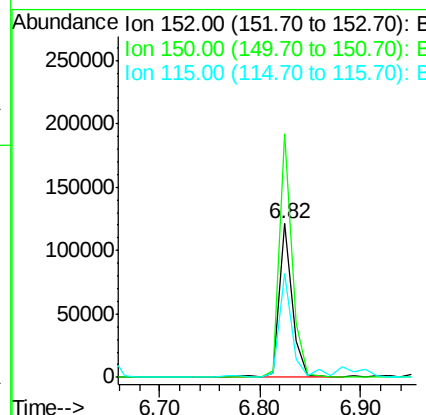
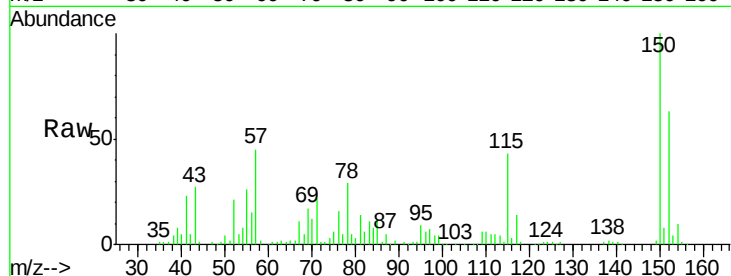
ClientSampled :

3

Tot Ion:	152	Resp:	110969
Ion Ratio	Lower	Upper	
152	100		
150	158.6	124.2	186.2
115	68.2	47.0	70.6

Manual Integrations
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#5

2-Fluorophenol

Concen: 124.30 ng

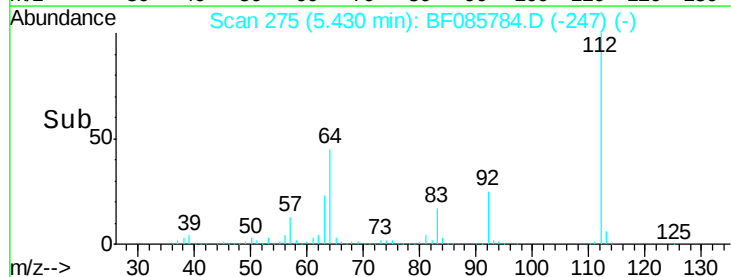
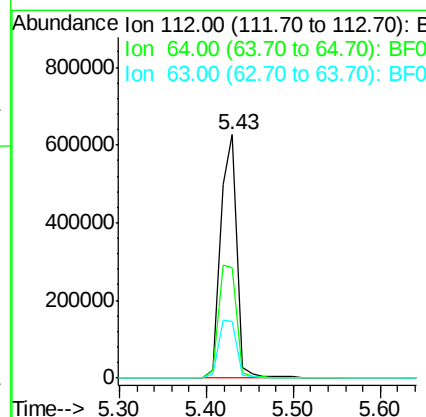
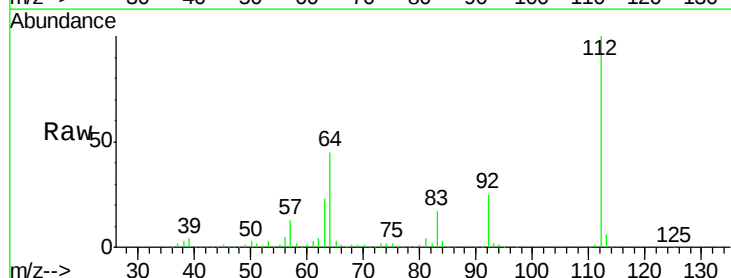
RT: 5.43 min Scan# 275

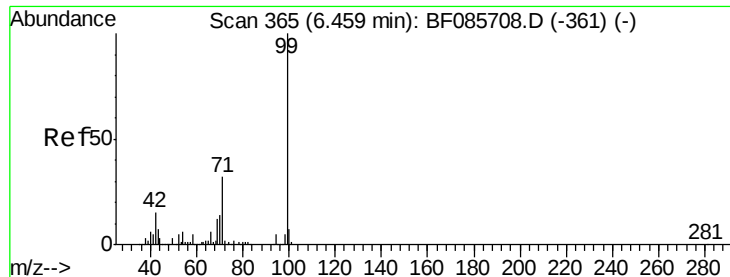
Delta R.T. 0.02 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Tgt Ion:	112	Resp:	828248
Ion Ratio	Lower	Upper	
112	100		
64	45.5	39.9	59.9
63	23.1	20.2	30.2





#7

Phenol-d6

Concen: 125.92 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampled :

3

Tot Ion: 99 Resp: 1066754

Ion Ratio Lower Upper

99 100

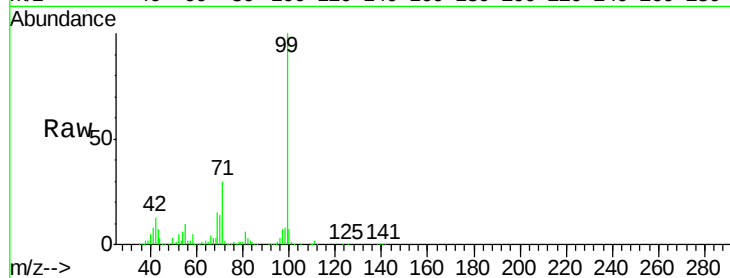
42 12.8 11.1 16.7

71 30.0 24.9 37.3

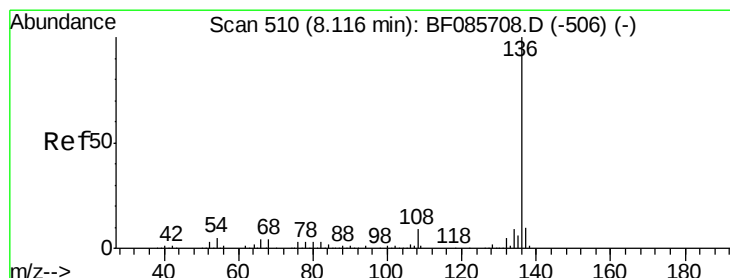
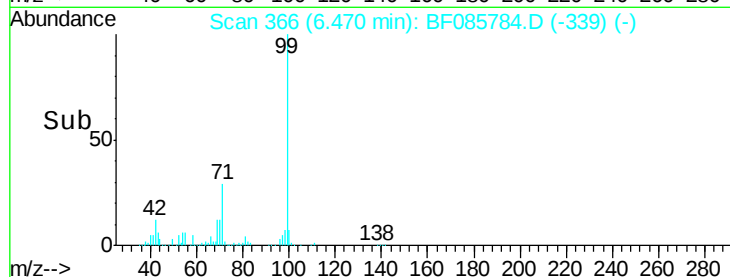
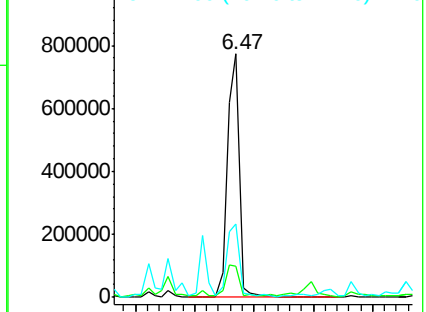
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Tgt Ion: 136 Resp: 291012

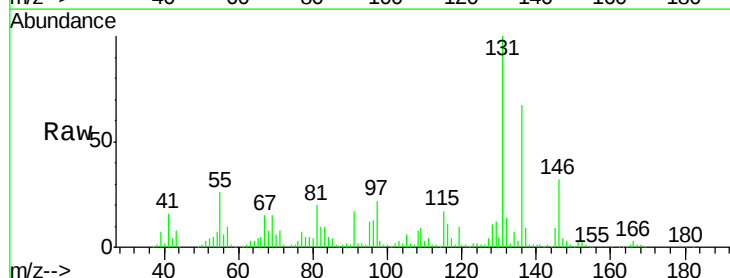
Ion Ratio Lower Upper

136 100

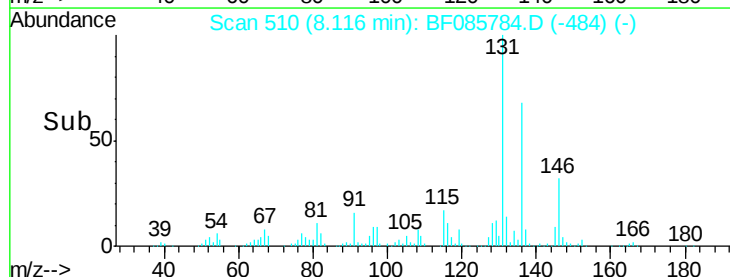
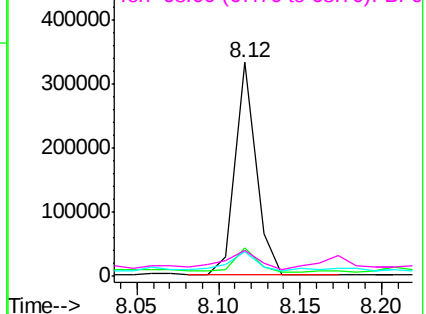
137 13.4 9.1 13.7

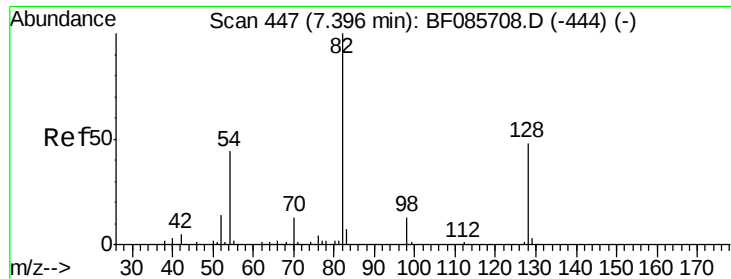
54 11.1 7.4 11.0#

68 11.9 5.8 8.8#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





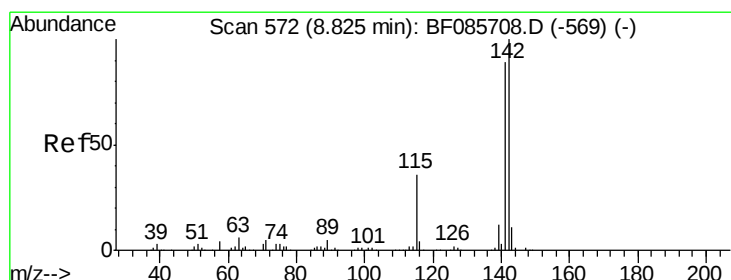
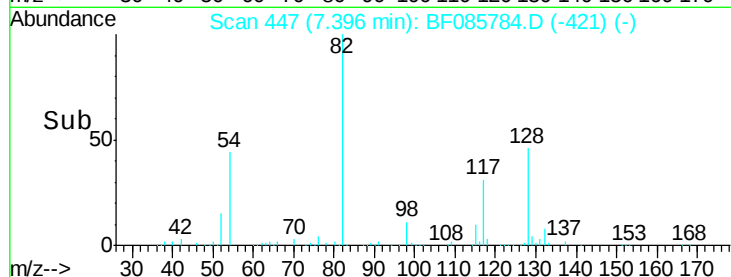
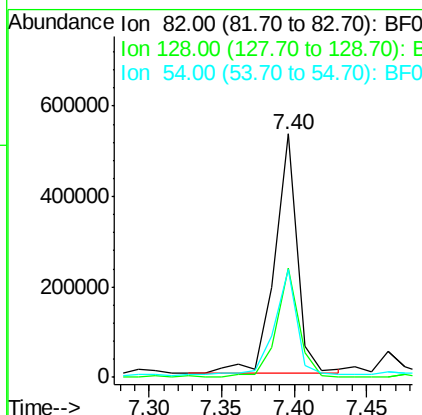
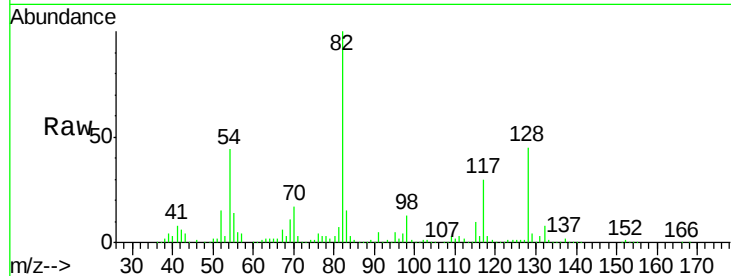
#23
 Nitrobenzene-d5
 Concen: 111.06 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085784.D
 Acq: 26 Mar 2016 2:00

Instrument :
 BNA_F
 ClientSampled :
 3

Tot Ion	Ratio	Resp	Lower	Upper
82	100	573951		
128	44.8		41.8	62.8
54	44.4		33.4	50.0

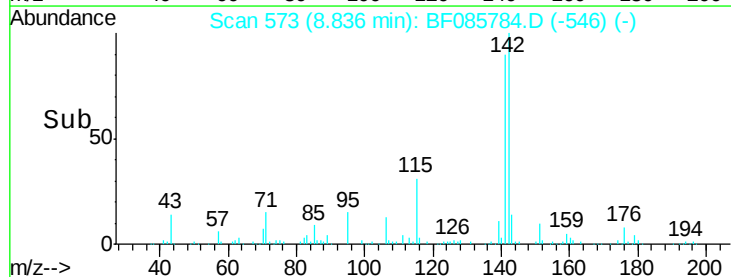
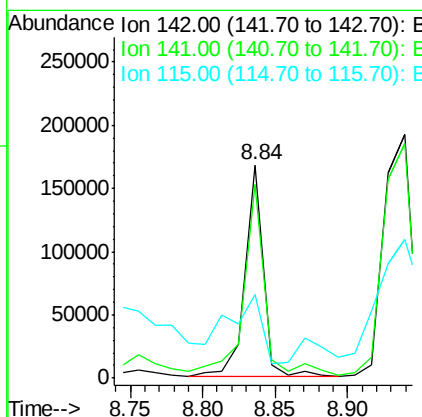
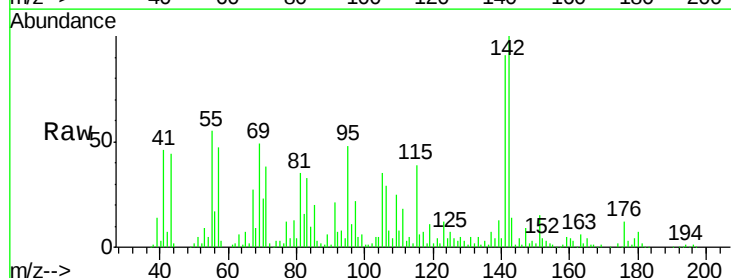
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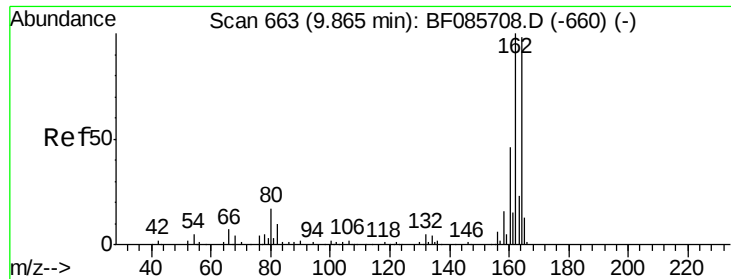
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#37
 2-Methylnaphthalene
 Concen: 14.41 ng
 RT: 8.84 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF085784.D
 Acq: 26 Mar 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	148775		
141	90.7		71.6	107.4
115	39.1		26.8	40.2





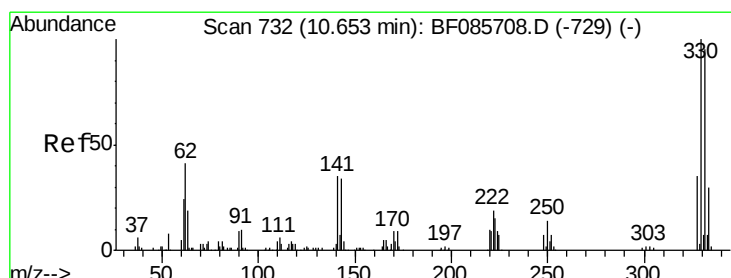
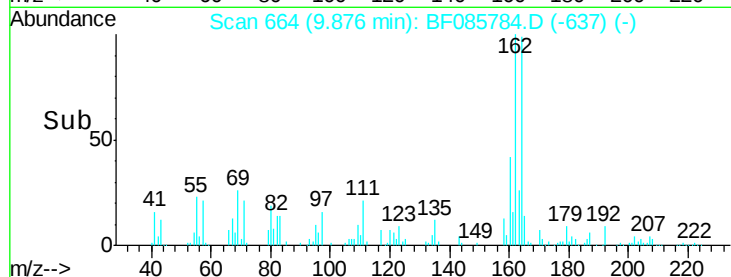
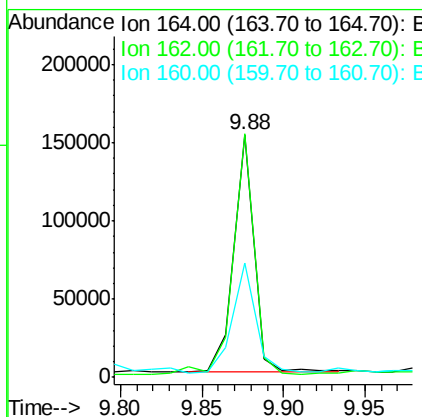
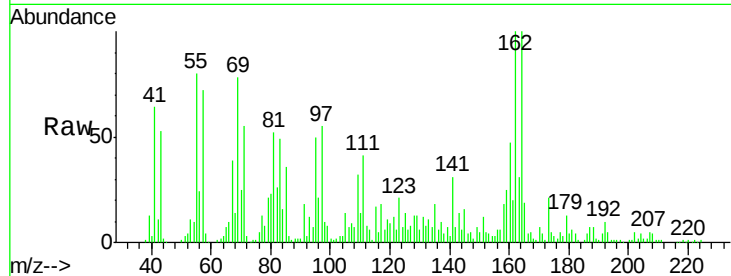
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF085784.D
Acq: 26 Mar 2016 2:00

Instrument :
BNA_F
ClientSampled :
3

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.5	82.1	123.1	
160	47.3	37.4	56.2	

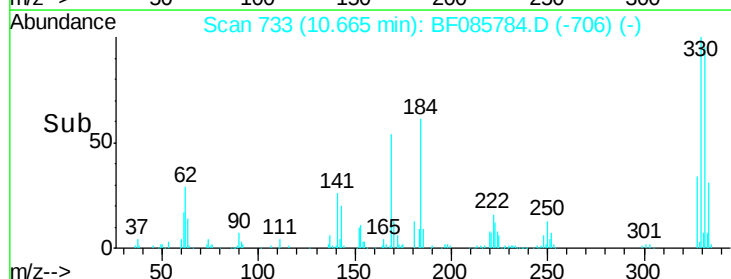
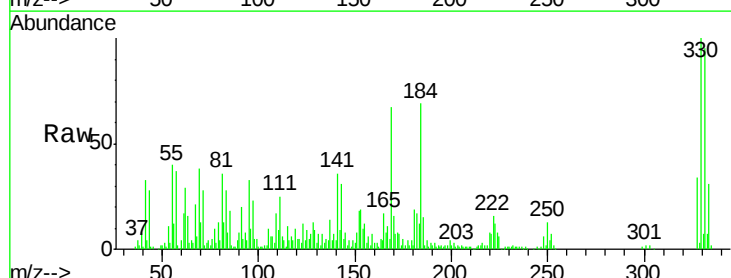
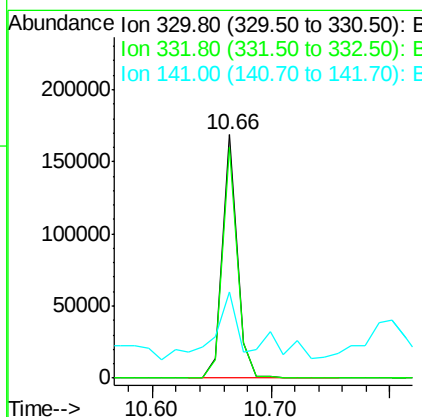
Manual Integrations
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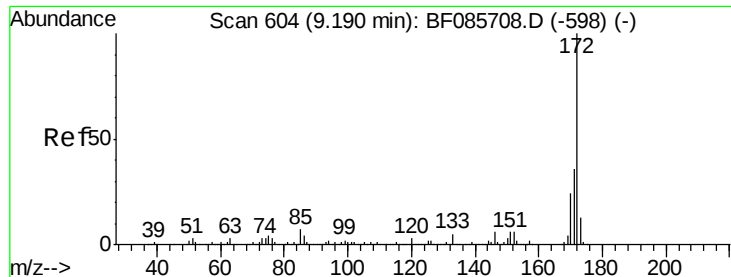
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#41
2,4,6-Tribromophenol
Concen: 116.01 ng
RT: 10.66 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF085784.D
Acq: 26 Mar 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	78.2	117.2	
141	46.5	31.5	47.3	





#44

2-Fluorobiphenyl

Concen: 109.54 ng

RT: 9.20 min Scan# 605

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

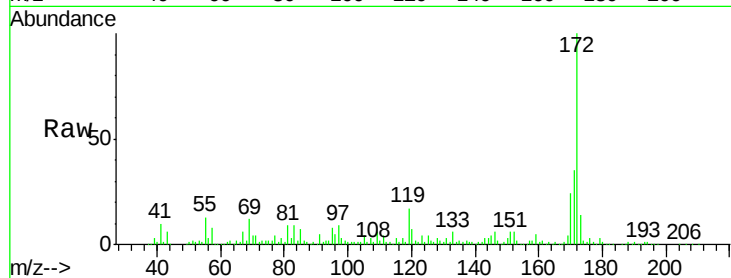
ClientSampleId :

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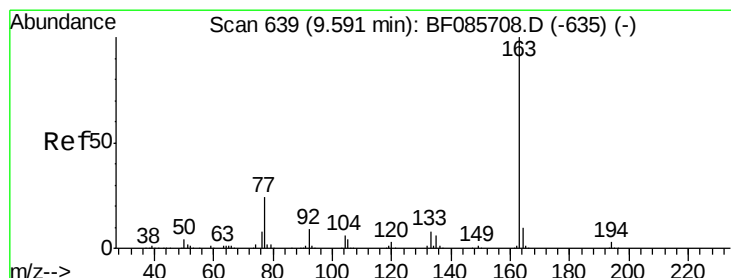
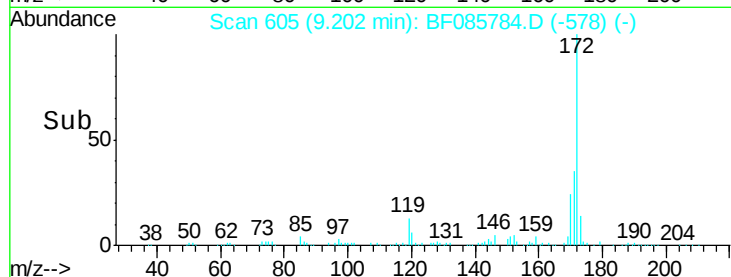
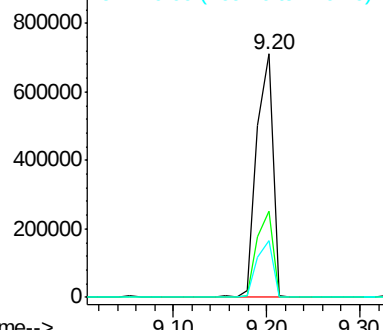
Tot Ion:	172	Resp:	857529
Ion Ratio		Lower	Upper
172	100		
171	35.4	29.4	44.2
170	23.5	19.8	29.6

Manual Integrations
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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: 9.36 ng

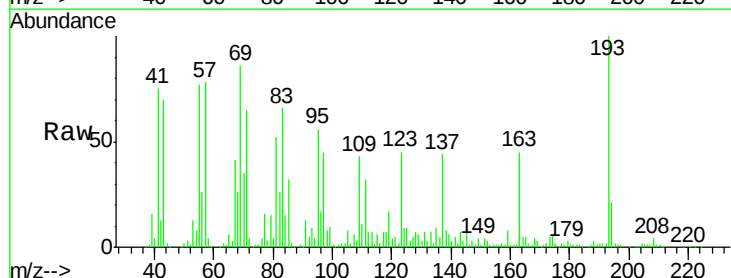
RT: 9.59 min Scan# 639

Delta R.T. -0.00 min

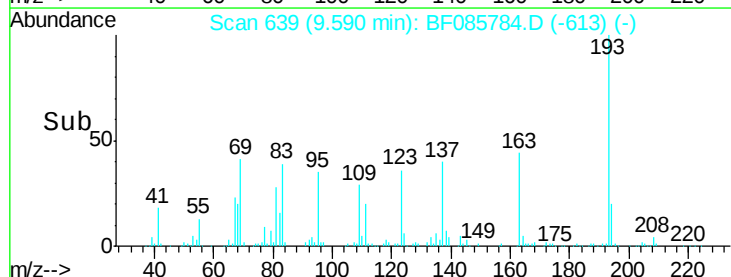
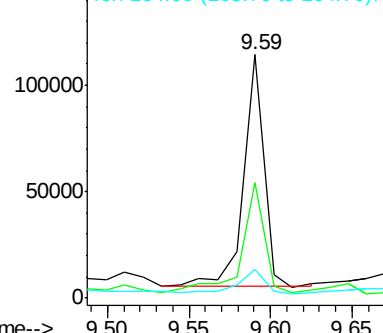
Lab File: BF085784.D

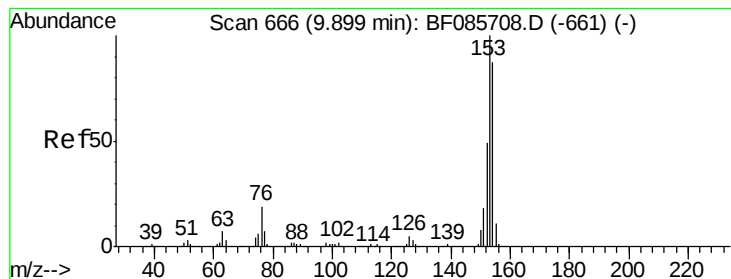
Acq: 26 Mar 2016 2:00

Tgt Ion:	163	Resp:	92903
Ion Ratio		Lower	Upper
163	100		
194	47.3	2.9	4.3#
164	11.6	8.3	12.5



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





#51

Acenaphthene

Concen: 6.86 ng

RT: 9.91 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

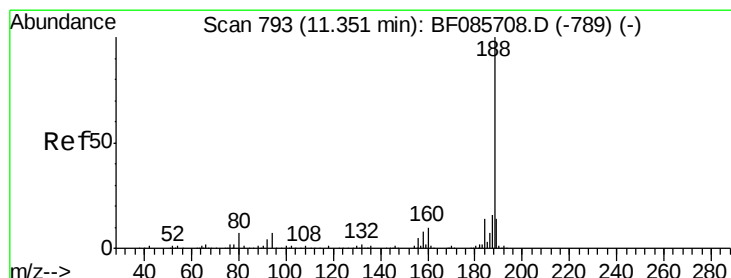
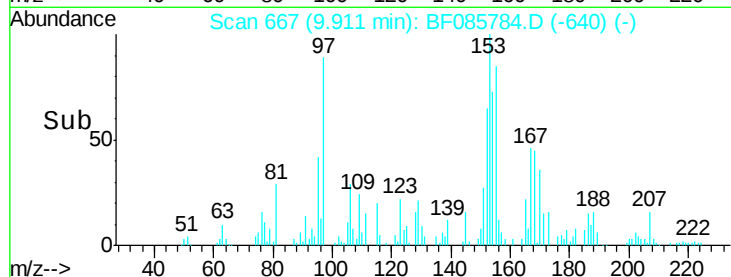
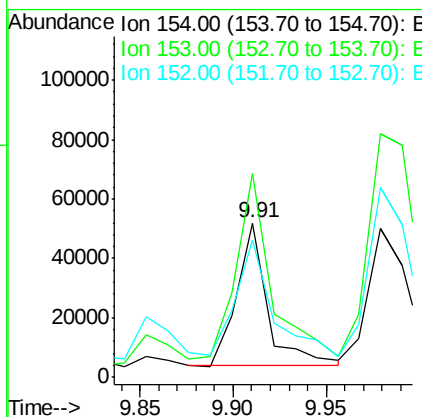
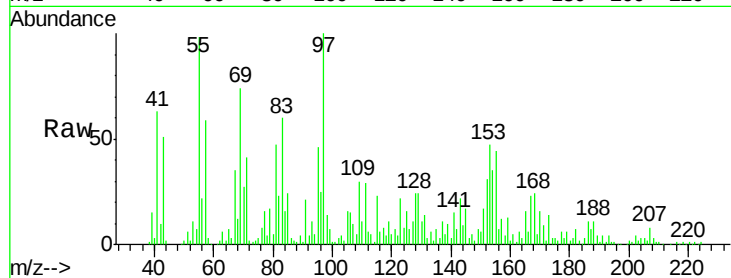
ClientSampled :

3

Tot Ion	Ratio	Lower	Upper
154	100		
153	132.7	90.1	135.1
152	88.9	44.2	66.2

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng

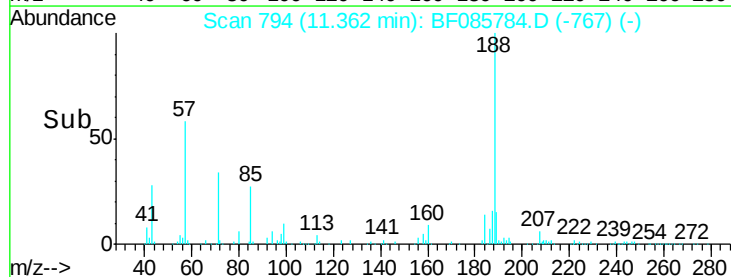
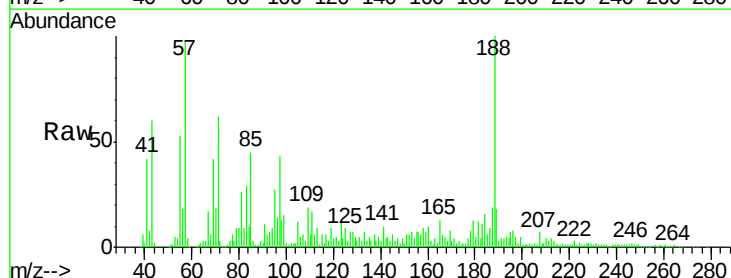
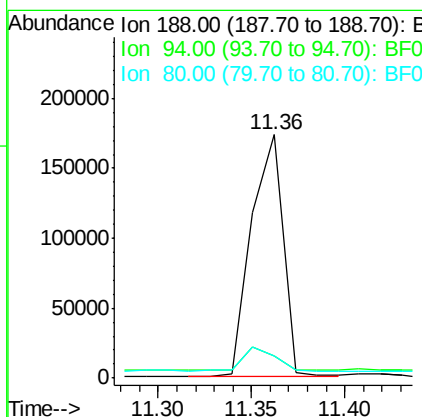
RT: 11.36 min Scan# 794

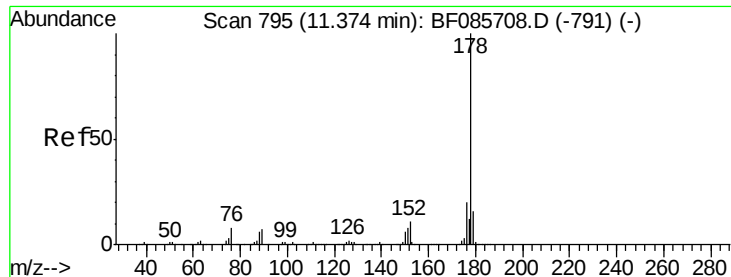
Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	5.4	8.0#
80	9.1	5.5	8.3#





#70

Phenanthrene

Concen: 27.43 ng

RT: 11.38 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

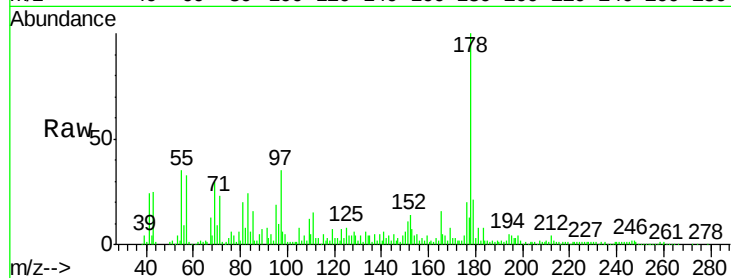
ClientSampleId :

3

Tot Ion:	178	Resp:	285964
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.3	24.5
179	21.0	12.6	18.8#

Manual Integrations
APPROVED

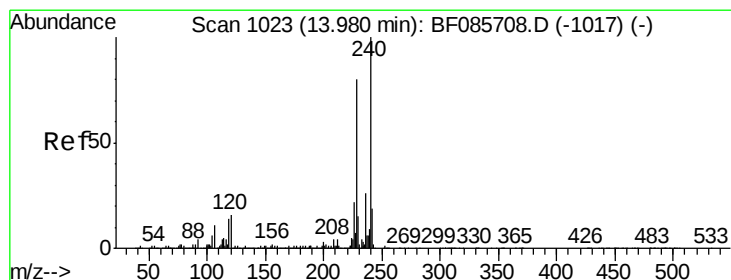
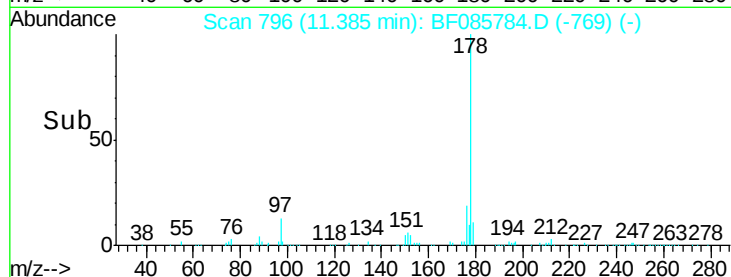
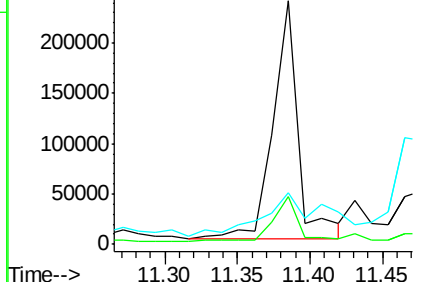
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085784.D

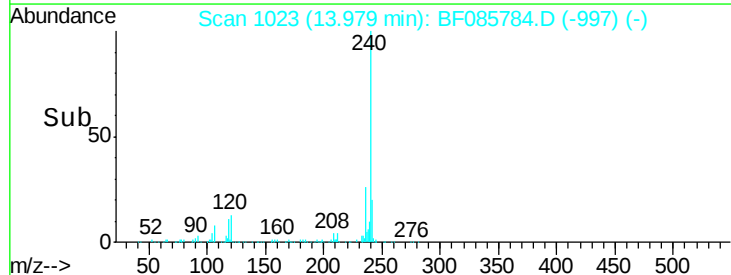
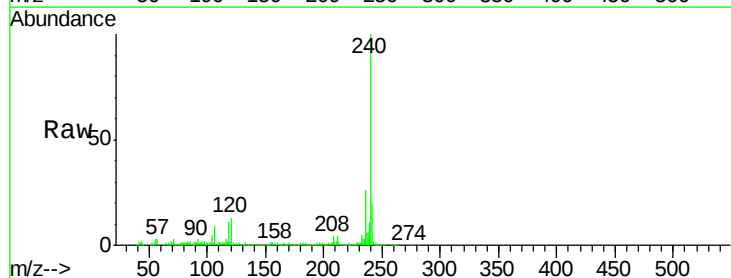
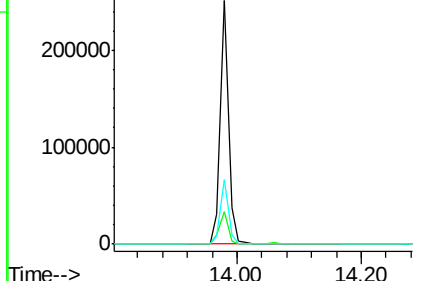
Acq: 26 Mar 2016 2:00

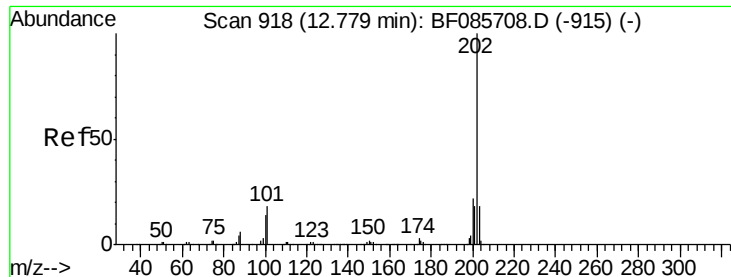
Tgt Ion:	240	Resp:	225943
Ion Ratio	Lower	Upper	
240	100		
120	13.2	13.8	20.8#
236	26.4	20.6	30.8

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.34 ng

RT: 12.79 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF085784.D

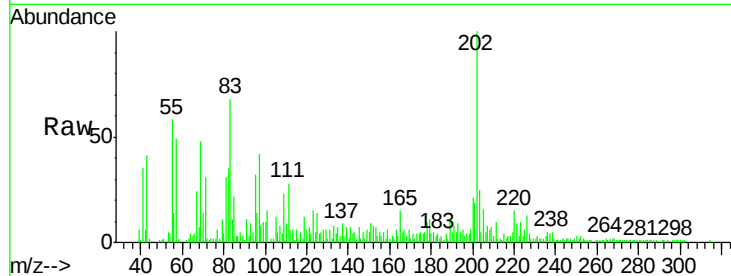
Acq: 26 Mar 2016 2:00

Instrument :
BNA_F
ClientSampled :
3

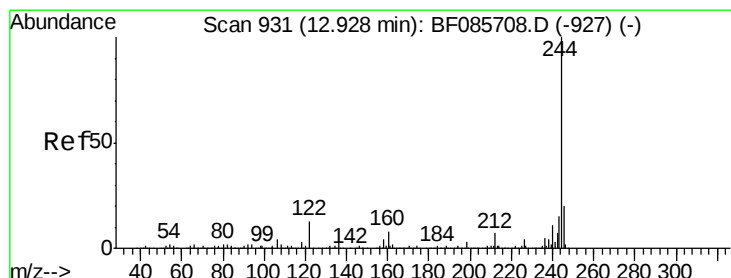
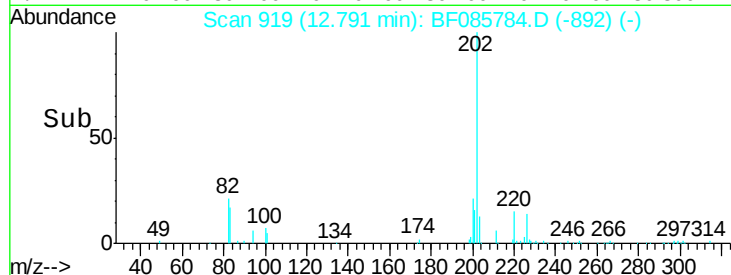
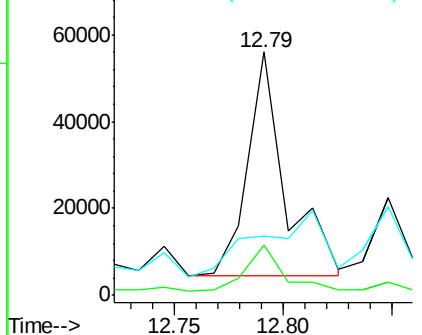
Tot Ion:	202	Resp:	61952
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.6	26.4
203	24.6	14.0	21.0#

Manual Integrations
APPROVED

Sohil
3/28/2016 8:01:02 PM



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: 53.63 ng

RT: 12.93 min Scan# 931

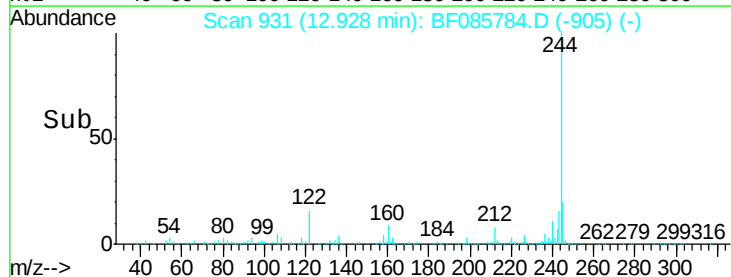
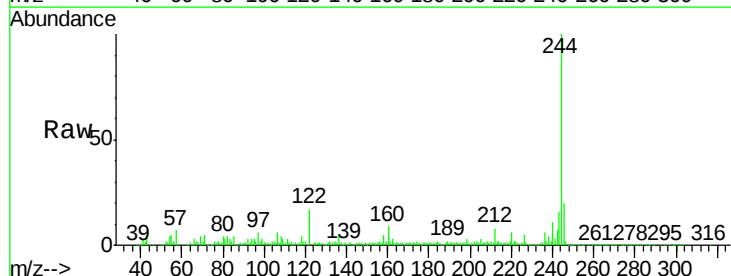
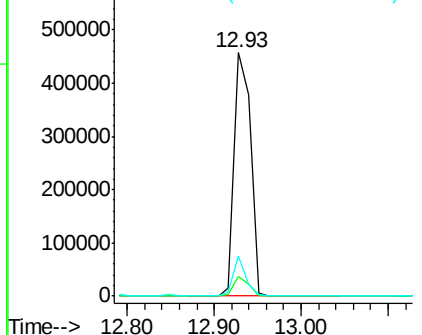
Delta R.T. -0.00 min

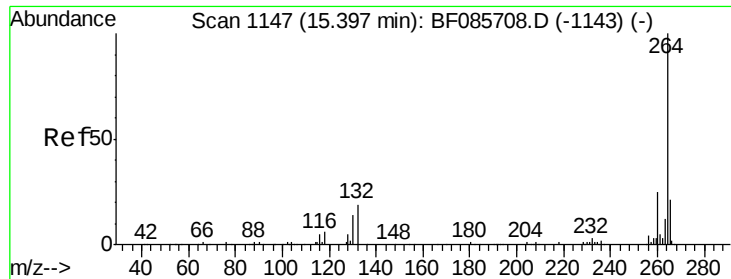
Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Tgt Ion:	244	Resp:	589143
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.1	9.1
122	16.7	10.2	15.4#

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





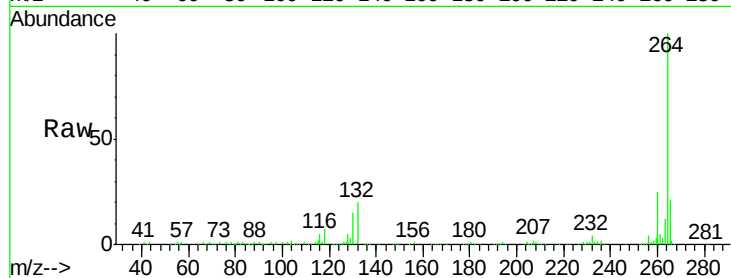
#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085784.D
 Acq: 26 Mar 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
181337	264	100			
	260	24.5		19.4	29.2
	265	21.3		17.2	25.8

Manual Integrations
 APPROVED

Sohil
 3/28/2016 8:01:02 PM



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

