

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085095.D
 Acq On : 17 Feb 2016 19:20
 Operator : SJ/IZ
 Sample : H1443-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP004

Manual Integrations
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 2/19/2016 7:57:21 AM

Quant Time: Feb 18 00:31:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 16:42:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	193972	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	735882	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	376606	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	717673	20.00	ng	0.00
75) Chrysene-d12	14.15	240	499767	20.00	ng	-0.01
86) Perylene-d12	15.62	264	433635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	933127	84.08	ng	0.01
7) Phenol-d6	6.60	99	1286053	92.17	ng	-0.01
23) Nitrobenzene-d5	7.55	82	775094	64.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	508027	127.06	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1687360	66.21	ng	0.00
78) Terphenyl-d14	13.11	244	1878899	105.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	343015	12.41	ng	Qvalue # 99
70) Phenanthrene	11.54	178	121128	3.36	ng	97
74) Fluoranthene	12.73	202	123686	3.17	ng	97
77) Pyrene	12.96	202	127232	4.23	ng	97
80) Benzo(a)anthracene	14.14	228	60369	2.17	ng	98

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

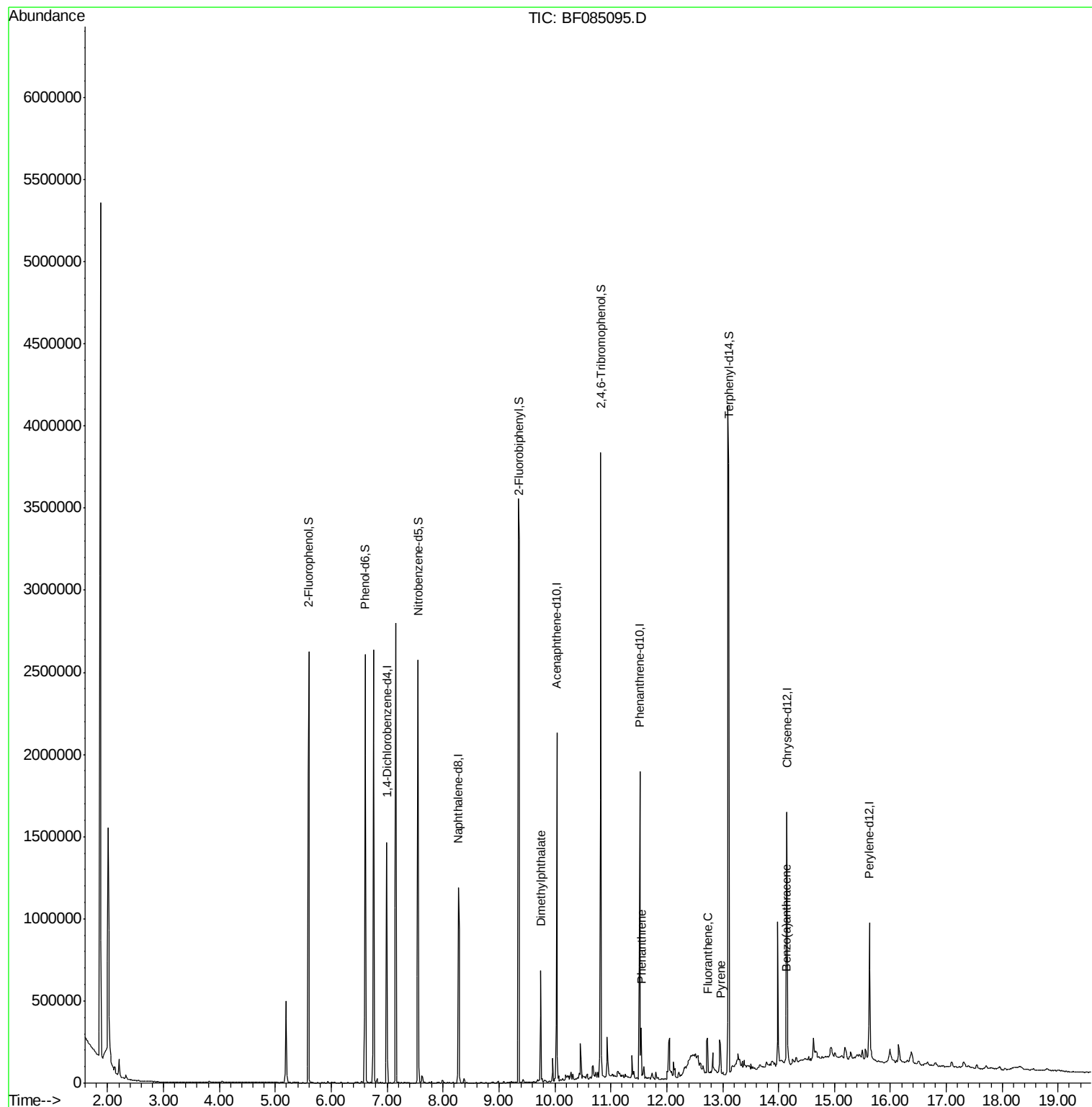
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085095.D
Acq On : 17 Feb 2016 19:20
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ALS Vial : 15 Sample Multiplier: 1

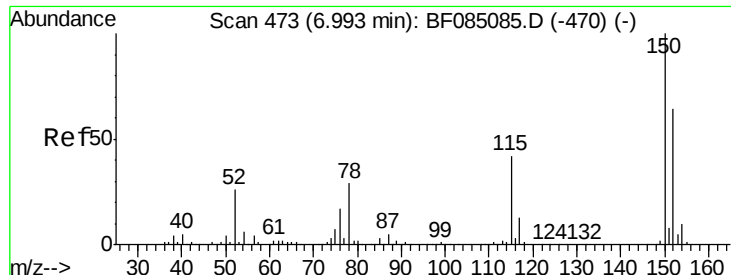
Instrument :
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#1

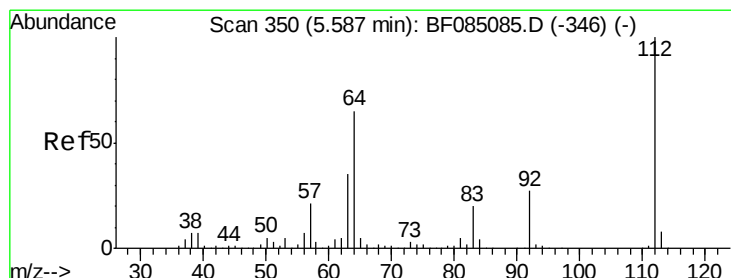
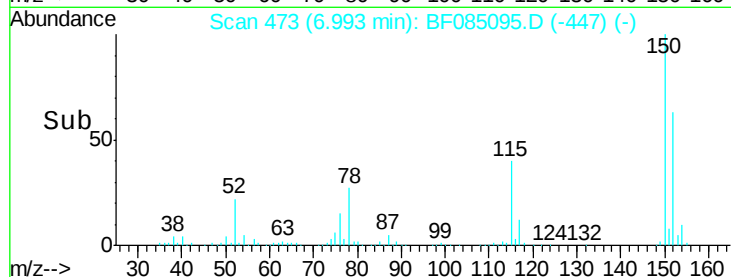
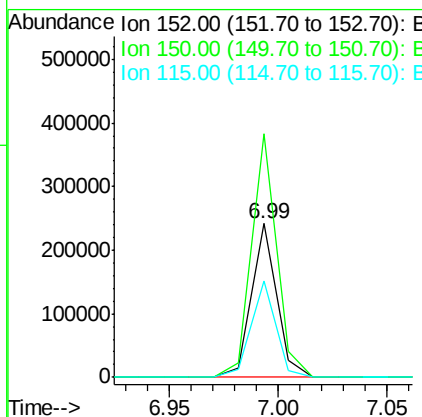
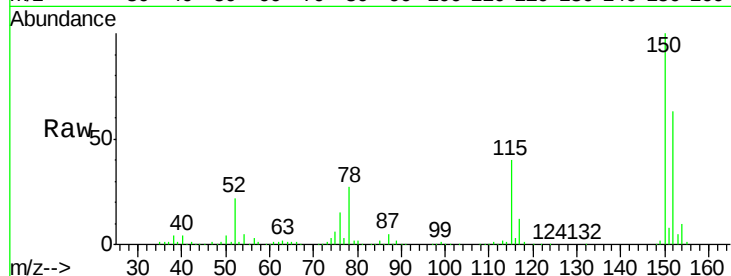
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF085095.D
Acq: 17 Feb 2016 19:20

Instrument :
BNA_F
ClientSampled :
EP004

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	127.4	191.2
115	63.0	50.5	75.7

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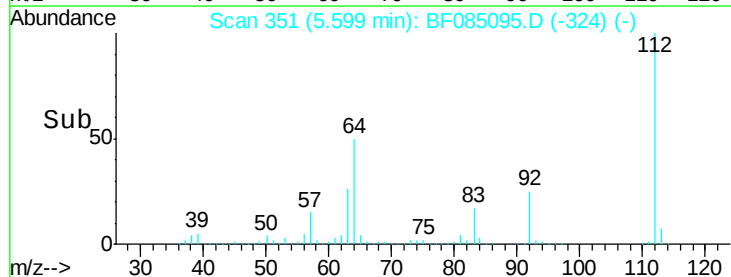
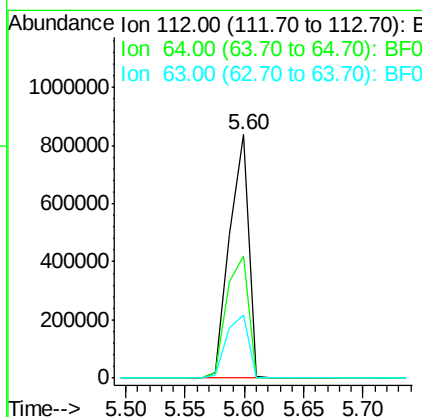
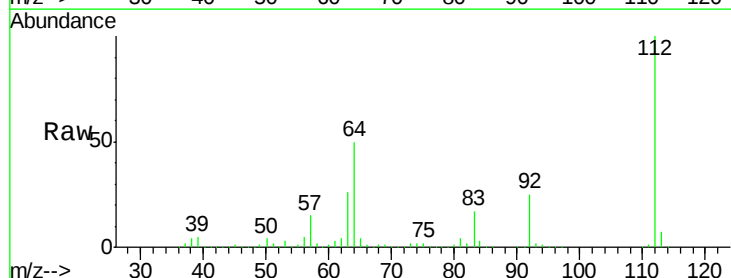
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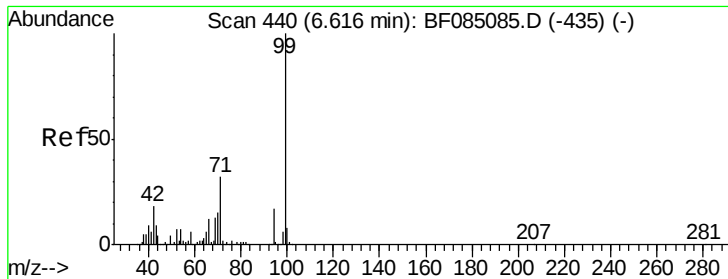


#5

2-Fluorophenol
Concen: 84.08 ng
RT: 5.60 min Scan# 351
Delta R.T. 0.01 min
Lab File: BF085095.D
Acq: 17 Feb 2016 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.1	45.4	68.2
63	26.1	23.2	34.8





#7

Phenol-d6

Concen: 92.17 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF085095.D

Acq: 17 Feb 2016 19:20

Instrument :

BNA_F

ClientSampleId :

EP004

Tot Ion: 99 Resp: 1286053

Ion Ratio Lower Upper

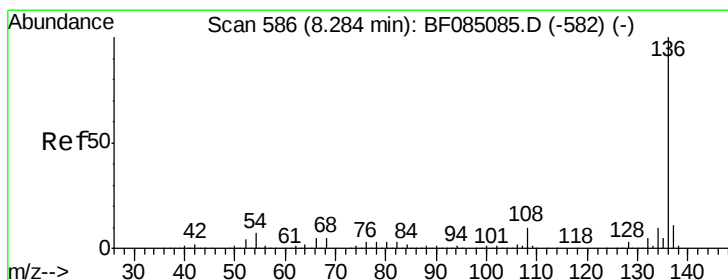
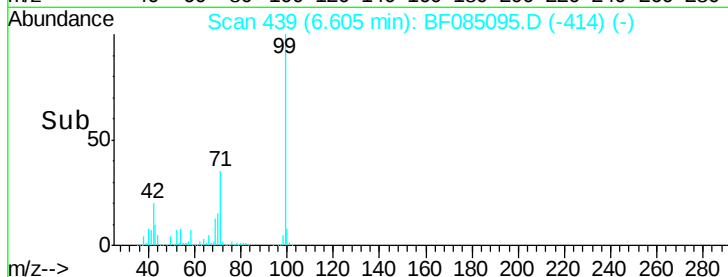
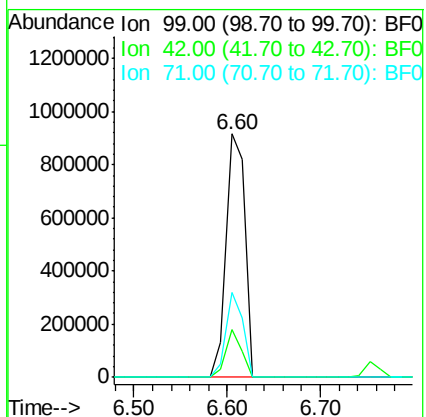
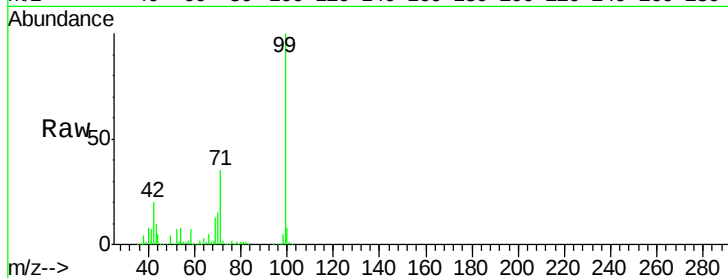
99 100

42 19.8 17.0 25.4

71 34.7 28.3 42.5

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085095.D

Acq: 17 Feb 2016 19:20

Tgt Ion: 136 Resp: 735882

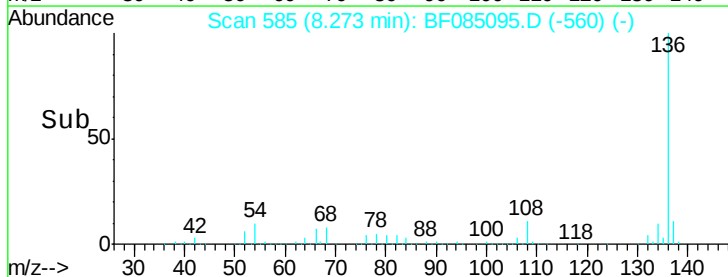
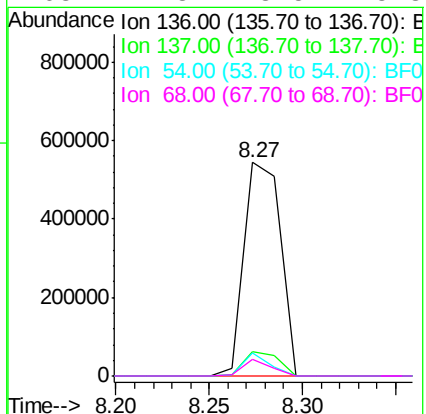
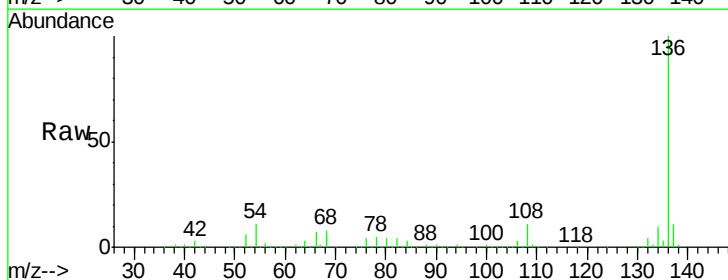
Ion Ratio Lower Upper

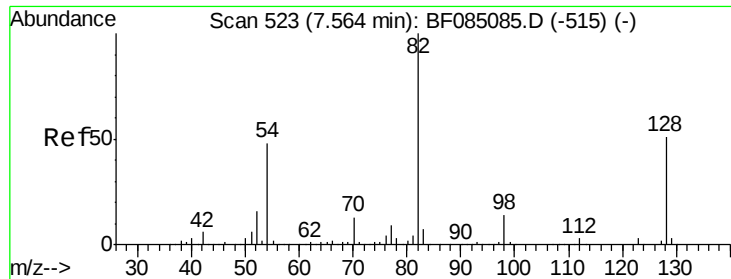
136 100

137 11.5 8.9 13.3

54 10.6 6.1 9.1#

68 7.8 3.5 5.3#





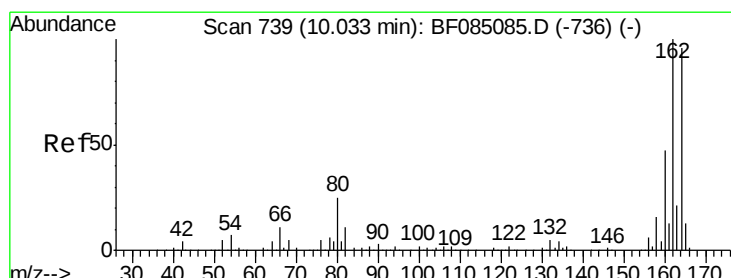
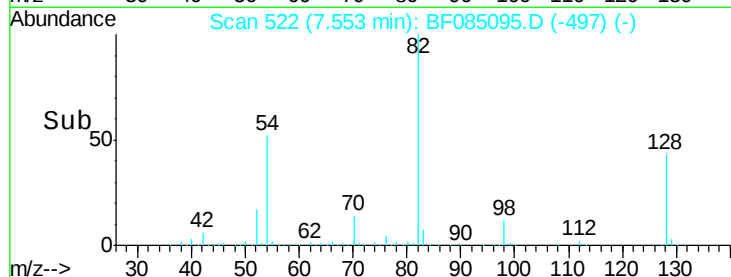
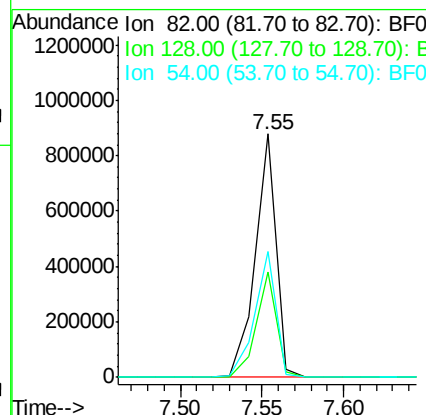
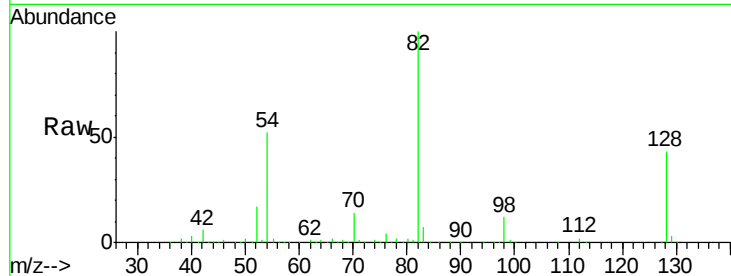
#23
 Nitrobenzene-d5
 Concen: 64.56 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF085095.D
 Acq: 17 Feb 2016 19:20

Instrument :
 BNA_F
 ClientSampled :
 EP004

Tot Ion:	82	Resp:	775094
Ion Ratio	Lower	Upper	
82	100		
128	43.5	36.8	55.2
54	51.8	44.4	66.6

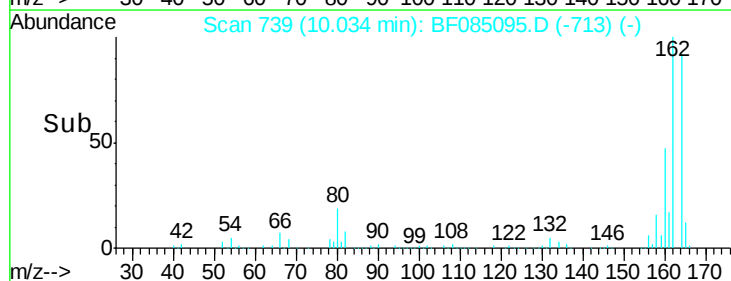
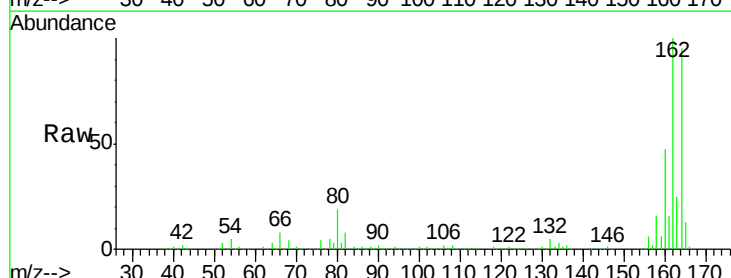
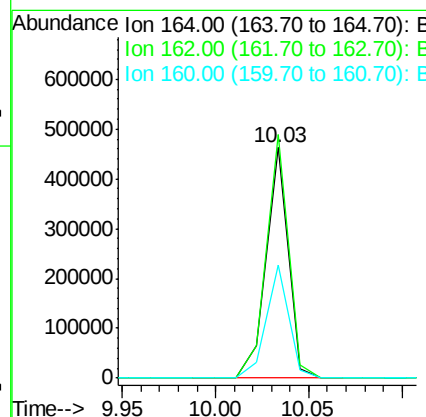
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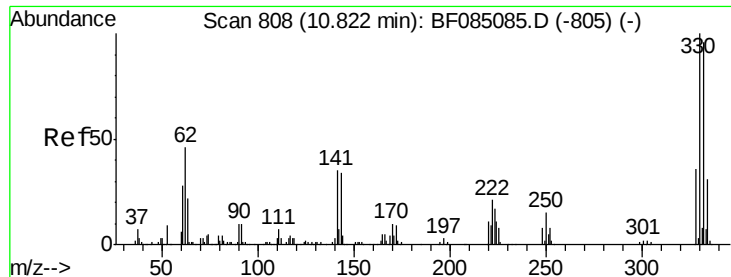
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF085095.D
 Acq: 17 Feb 2016 19:20

Tgt Ion:	164	Resp:	376606
Ion Ratio	Lower	Upper	
164	100		
162	105.5	81.1	121.7
160	49.1	37.4	56.0





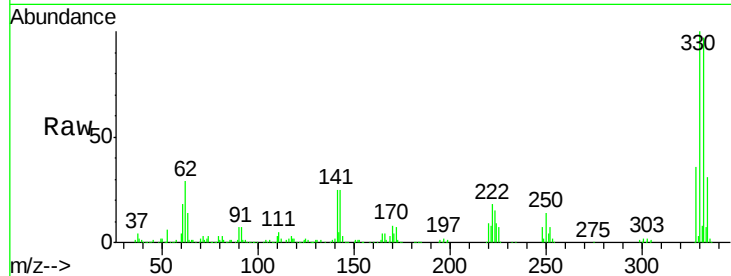
#41
 2,4,6-Tribromophenol
 Concen: 127.06 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085095.D
 Acq: 17 Feb 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :
 EP004

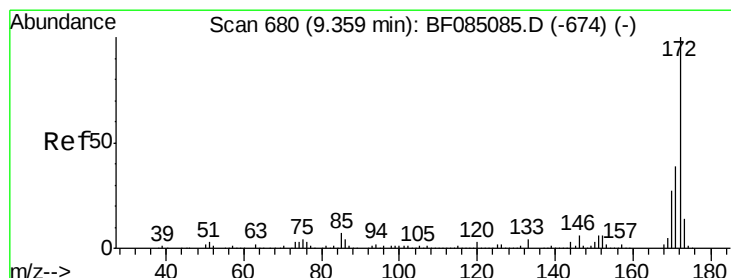
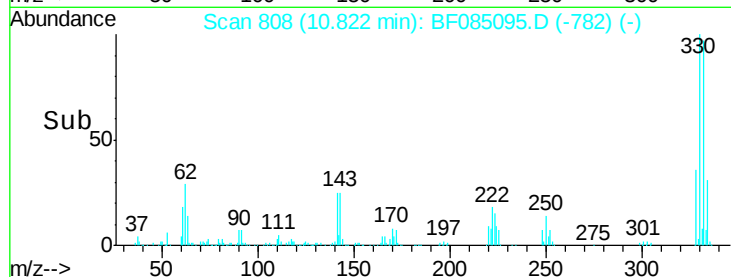
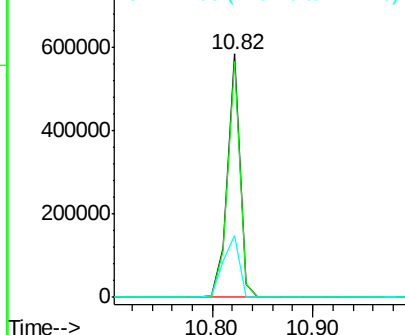
Tot Ion	Ratio	Resp	Lower	Upper
330	100	508027		
332	96.8		78.5	117.7
141	33.1		28.6	42.8

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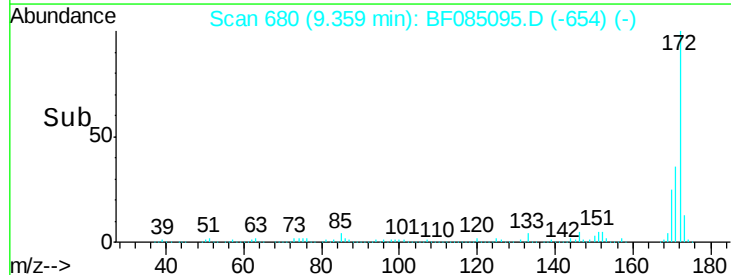
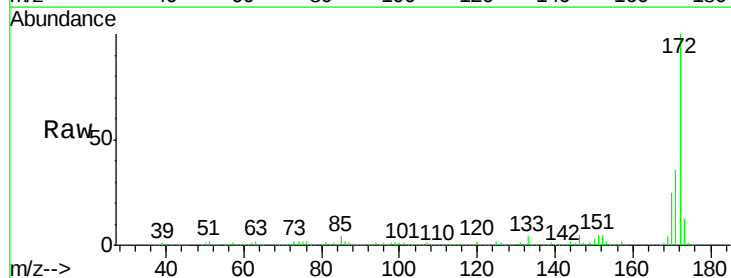
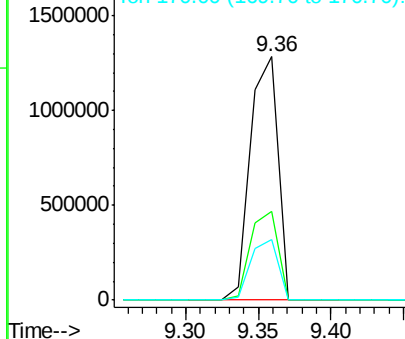
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

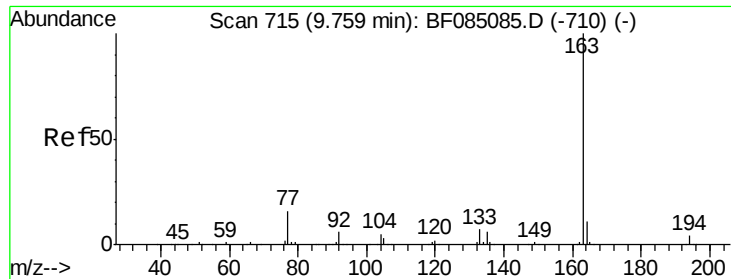


#44
 2-Fluorobiphenyl
 Concen: 66.21 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085095.D
 Acq: 17 Feb 2016 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1687360		
171	36.4		29.1	43.7
170	24.8		19.6	29.4

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





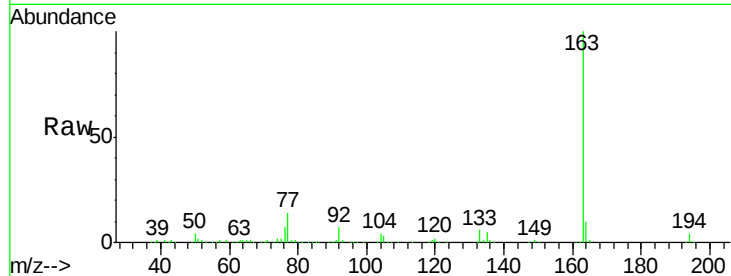
#49
Dimethylphthalate
Concen: 12.41 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF085095.D
Acq: 17 Feb 2016 19:20

Instrument :
BNA_F
ClientSampleId :
EP004

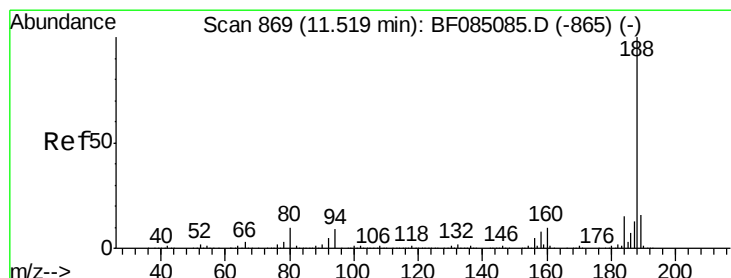
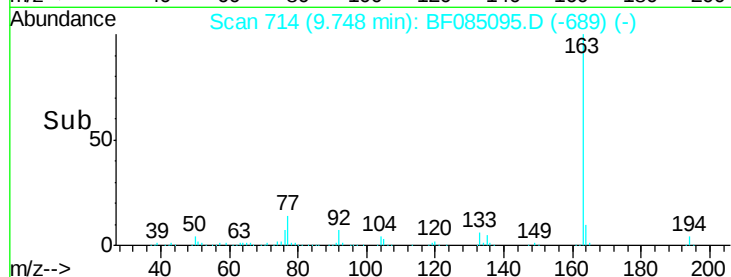
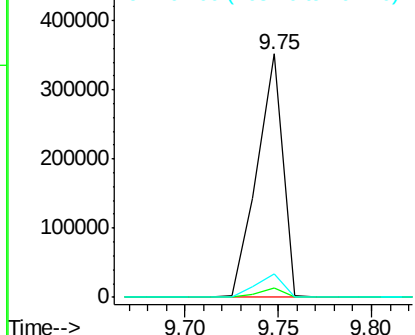
Tot Ion	Ratio	Resp	Lower	Upper
163	100	343015		
194	3.9	2.5	3.7#	
164	9.7	7.8	11.8	

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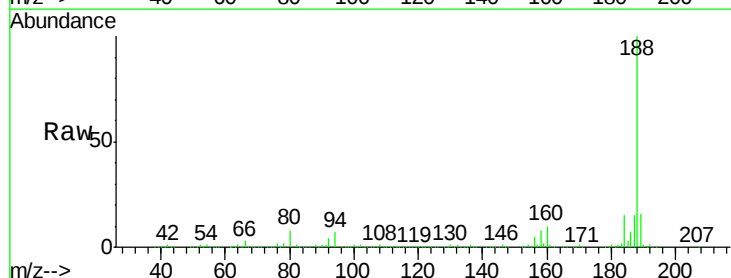


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

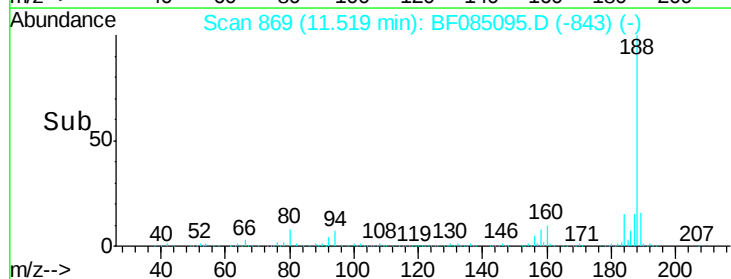
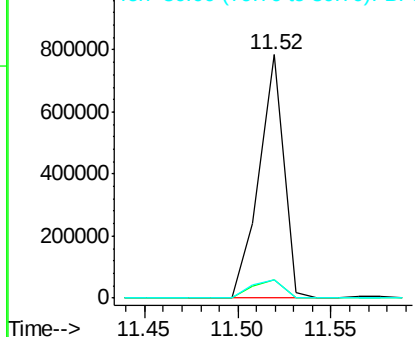


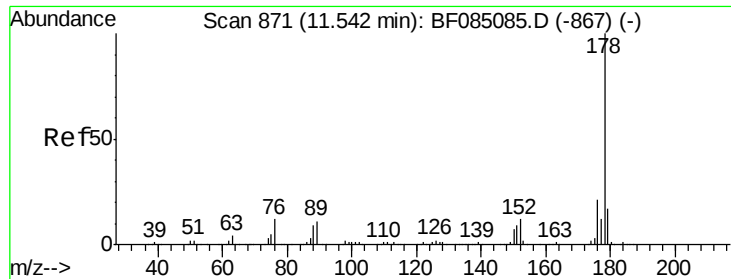
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF085095.D
Acq: 17 Feb 2016 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	717673		
94	7.3	6.2	9.2	
80	7.6	6.6	9.8	



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





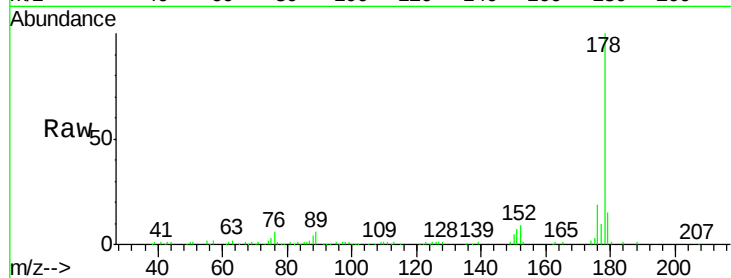
#70
Phenanthrene
Concen: 3.36 ng
RT: 11.54 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF085095.D
Acq: 17 Feb 2016 19:20

Instrument :
BNA_F
ClientSampleId :
EP004

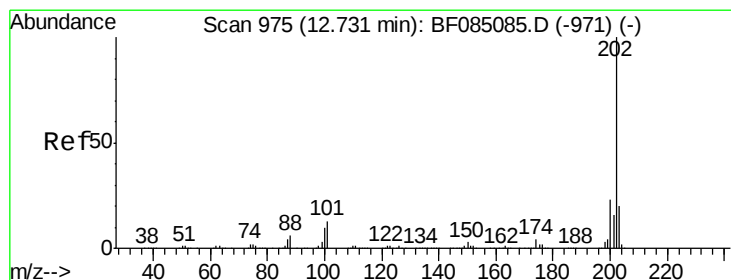
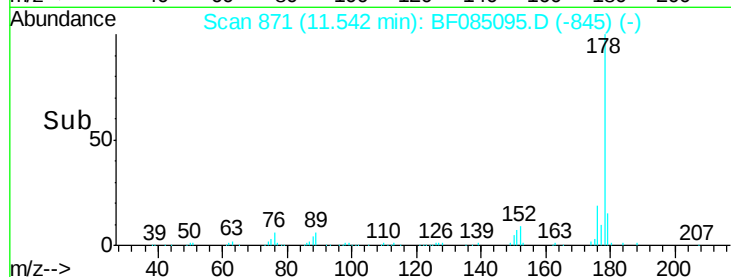
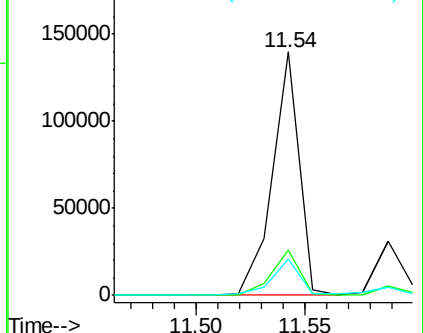
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	14.9	13.1	19.7

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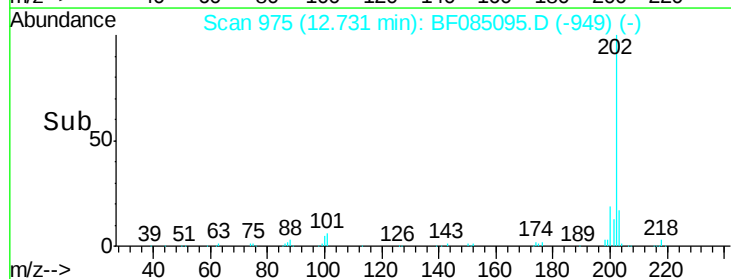
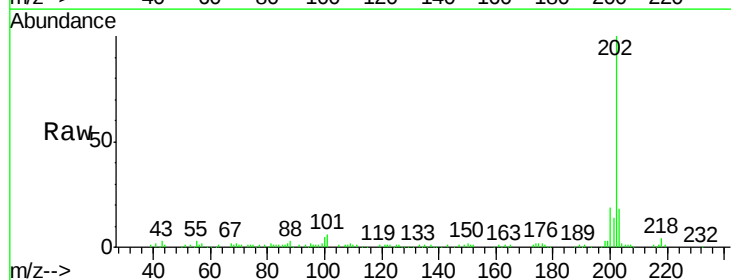
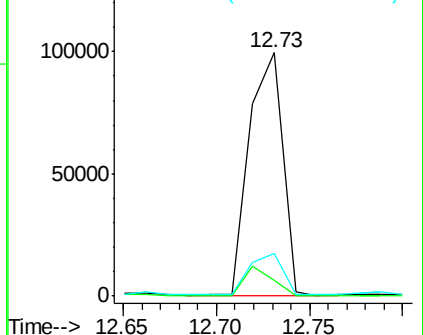
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

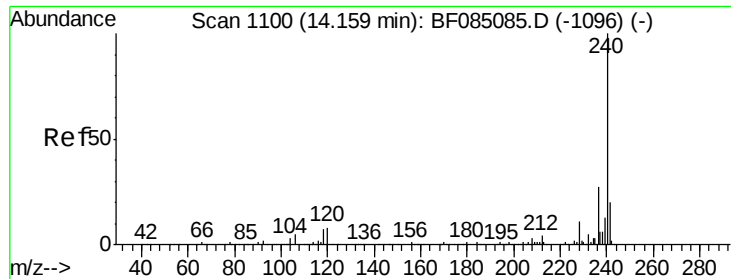


#74
Fluoranthene
Concen: 3.17 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF085095.D
Acq: 17 Feb 2016 19:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	29.8
203	17.6	0.0	37.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF085095.D

Acq: 17 Feb 2016 19:20

Instrument :

BNA_F

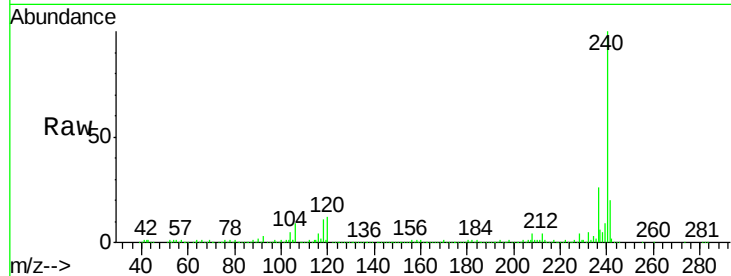
ClientSampleId :

EP004

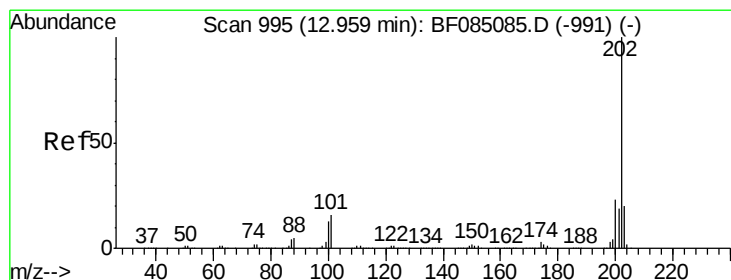
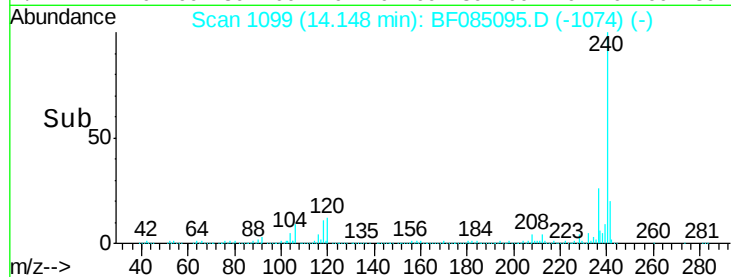
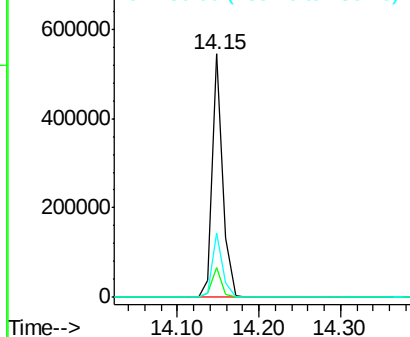
Tot Ion:	240	Resp:	499767
Ion Ratio	Lower	Upper	
240	100		
120	12.4	7.0	10.6#
236	26.4	20.5	30.7

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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

Pyrene

Concen: 4.23 ng

RT: 12.96 min Scan# 995

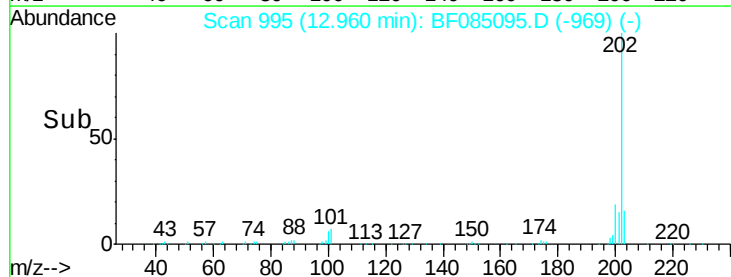
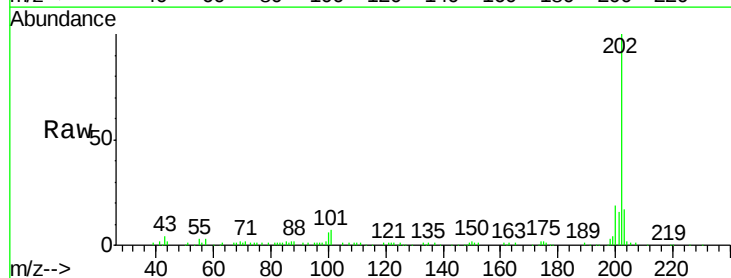
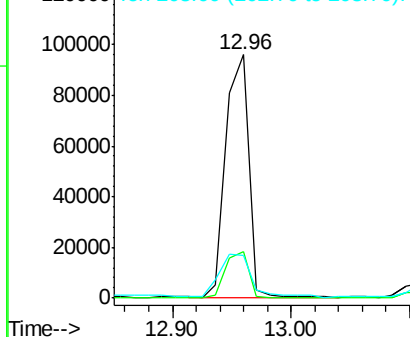
Delta R.T. 0.00 min

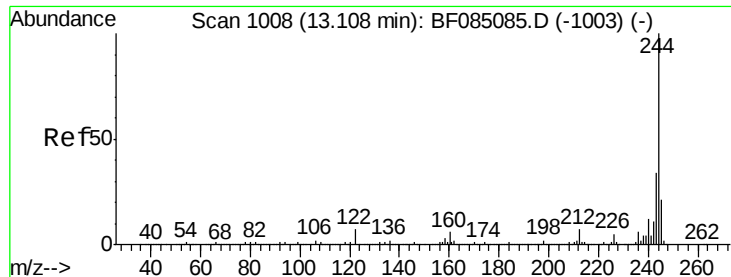
Lab File: BF085095.D

Acq: 17 Feb 2016 19:20

Tgt Ion:	202	Resp:	127232
Ion Ratio	Lower	Upper	
202	100		
200	19.3	17.0	25.4
203	17.4	14.2	21.4

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: 105.30 ng

RT: 13.11 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF085095.D

Acq: 17 Feb 2016 19:20

Instrument :

BNA_F

ClientSampleId :

EP004

Tot Ion:244 Resp: 1878899

Ion Ratio Lower Upper

244 100

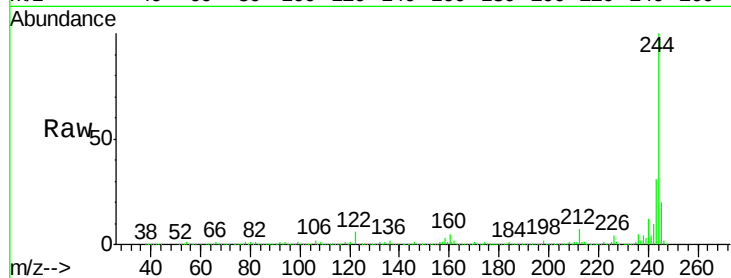
212 6.6 6.0 9.0

122 6.0 10.1 15.1#

Manual Integrations
APPROVED

Sohil

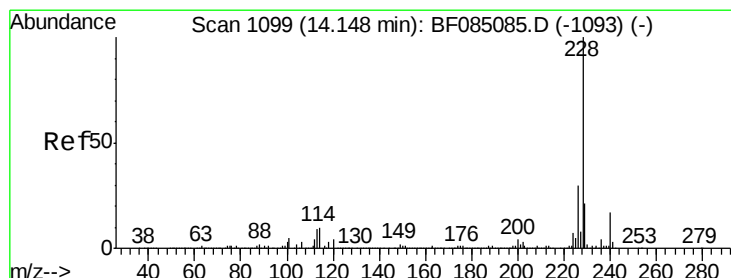
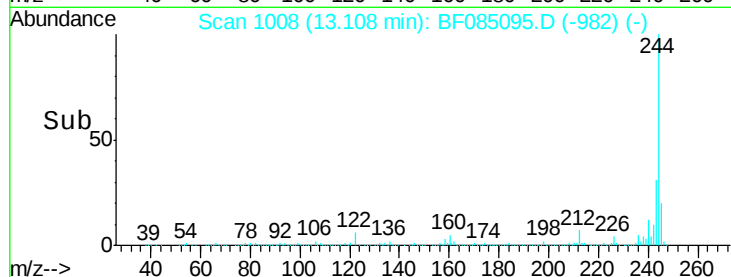
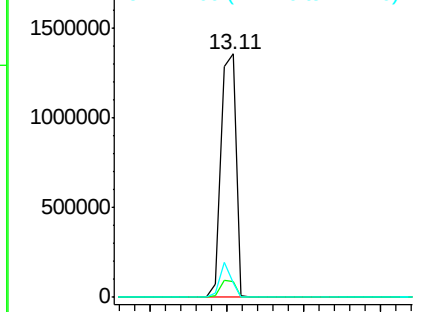
2/19/2016 7:57:21 AM



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: 2.17 ng

RT: 14.14 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF085095.D

Acq: 17 Feb 2016 19:20

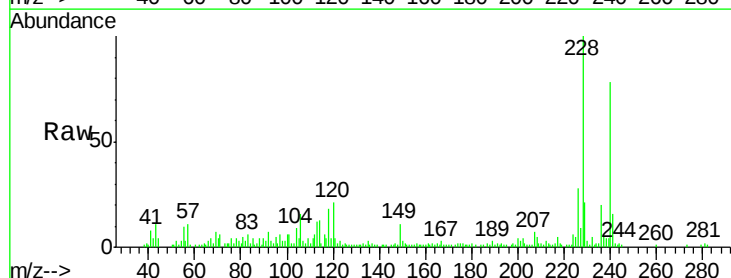
Tgt Ion:228 Resp: 60369

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

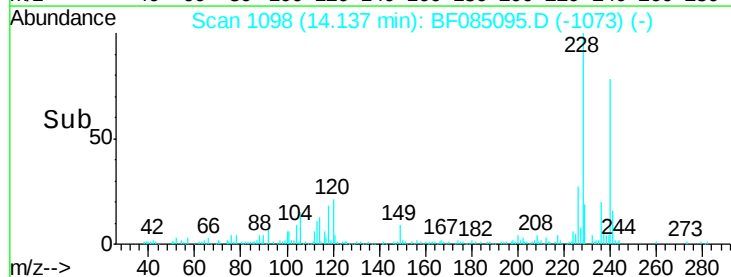
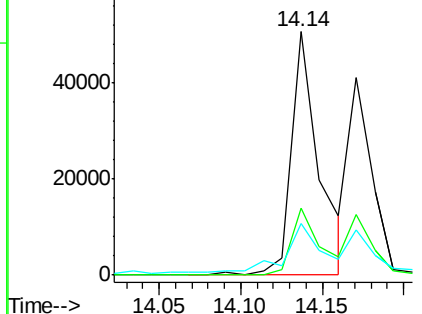
229 21.3 15.8 23.8

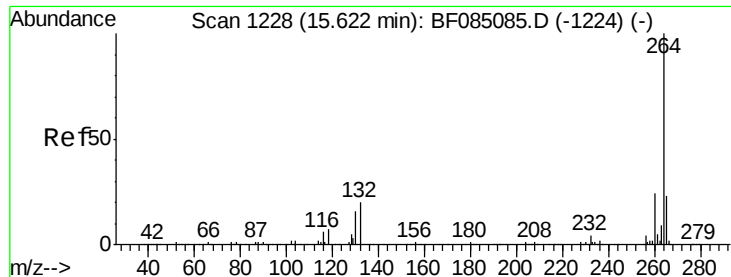


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF085095.D
 Acq: 17 Feb 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :
 EP004

Tot Ion:	264	Resp:	433635
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.5	27.7
265	21.7	16.7	25.1

Manual Integrations
 APPROVED

Sohil
 2/19/2016 7:57:21 AM

