

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085876.D
 Acq On : 30 Mar 2016 4:00
 Operator : UM/SJ
 Sample : H1970-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Manual Integrations
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Quant Time: Mar 30 14:09:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108694	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	444345	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	172164	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	283251	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	221432	20.00	ng	-0.01
86) Perylene-d12	15.39	264	162659	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	685036	104.96	ng	0.00
7) Phenol-d6	6.45	99	848128	102.21	ng	-0.01
23) Nitrobenzene-d5	7.37	82	512178	64.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	140907	86.14	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	657278	63.79	ng	-0.02
78) Terphenyl-d14	12.92	244	440476	40.91	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	174744	13.38	ng	99
70) Phenanthrene	11.35	178	45456	3.13	ng	98
74) Fluoranthene	12.54	202	52354	3.39	ng	95
77) Pyrene	12.77	202	42405	2.33	ng	98
87) Benzo(b)fluoranthene	14.99	252	23450m	2.29	ng	

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

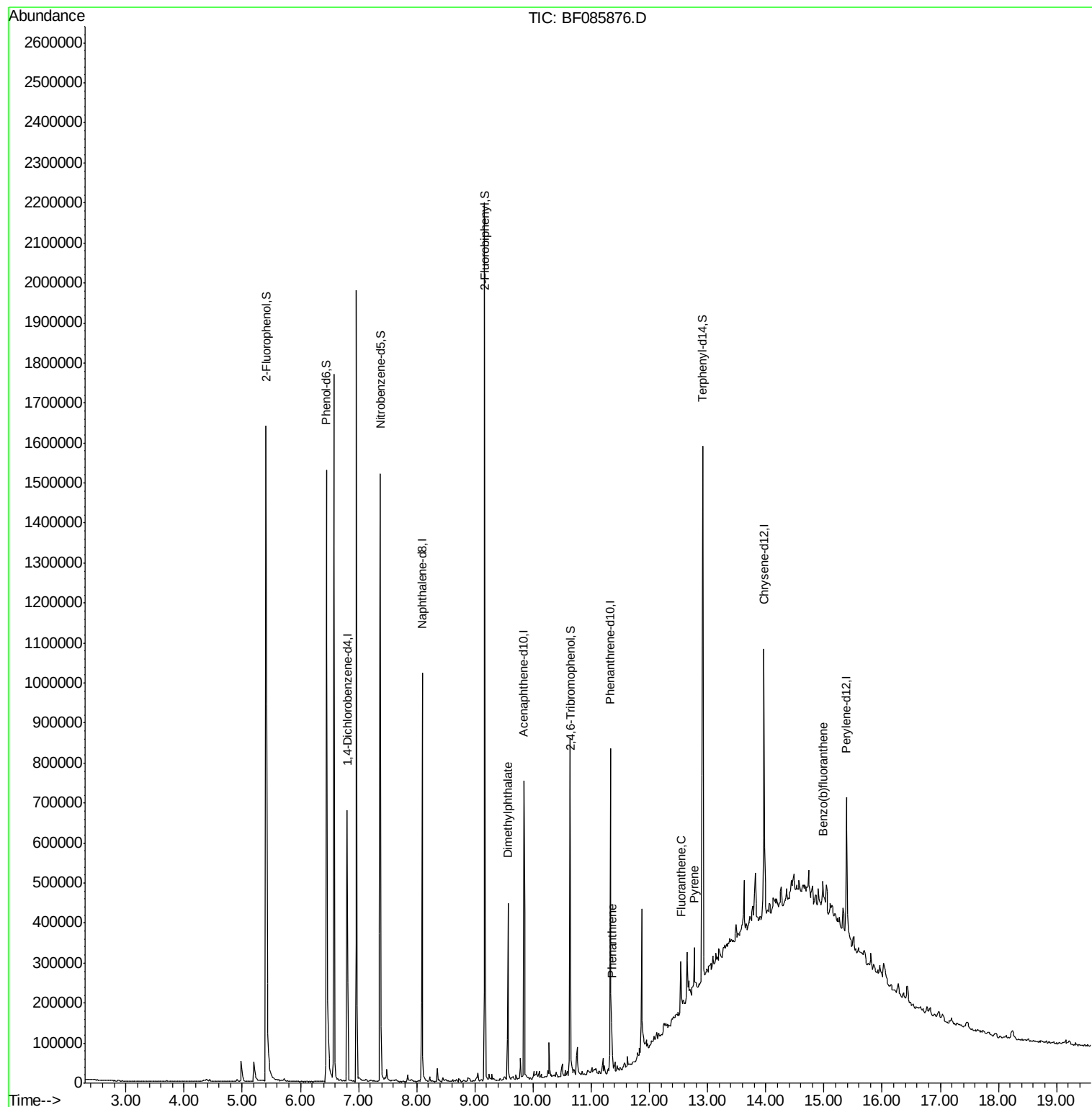
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085876.D
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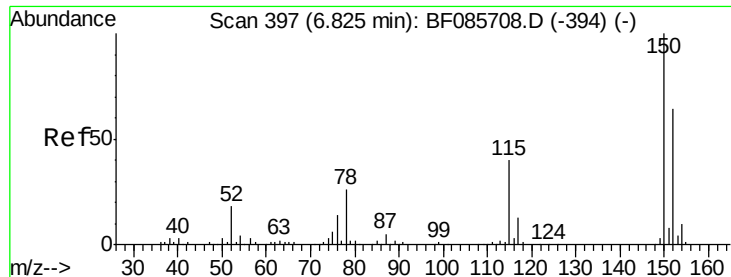
Instrument :
BNA_F
ClientSampleId :
TP-4

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085876.D

Acq: 30 Mar 2016 4:00

Instrument :

BNA_F

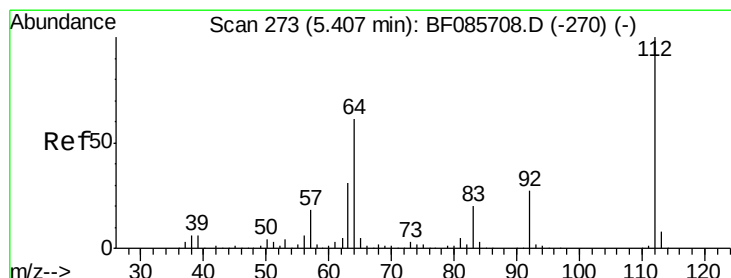
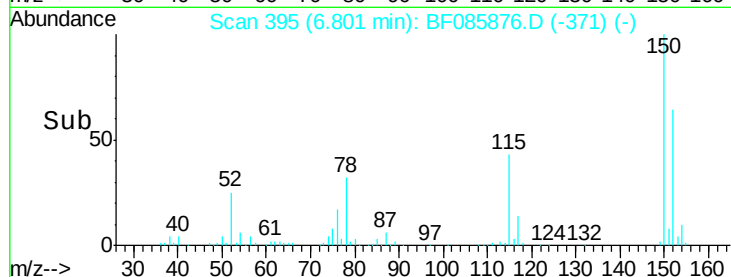
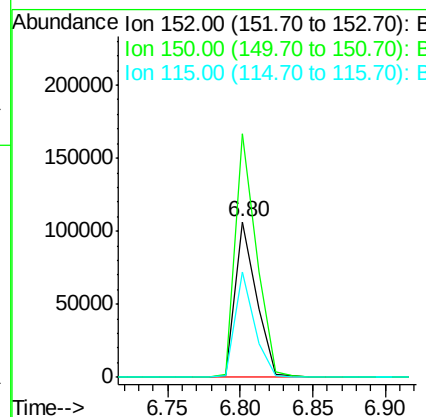
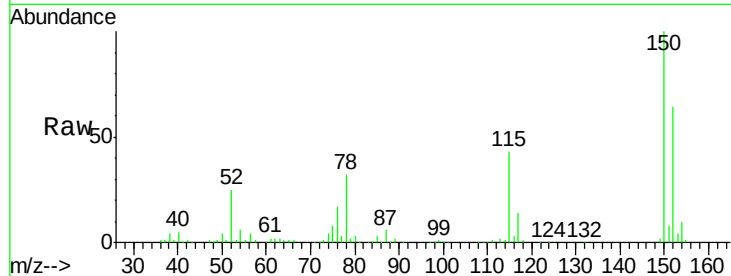
ClientSampled :

TP-4

Tgt Ion:	152	Resp:	108694
Ion Ratio	Lower	Upper	
152	100		
150	156.4	124.2	186.2
115	67.9	47.0	70.6

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#5

2-Fluorophenol

Concen: 104.96 ng

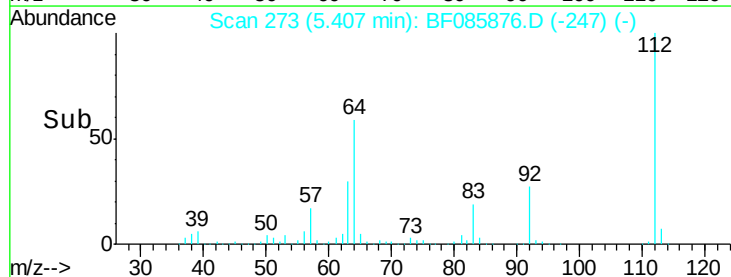
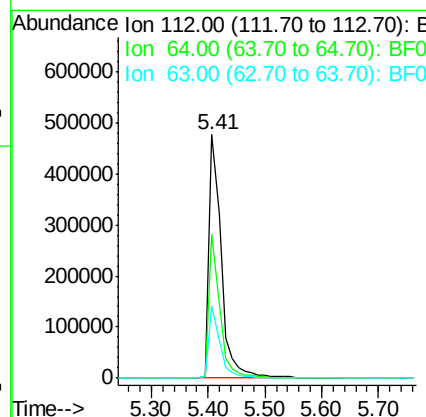
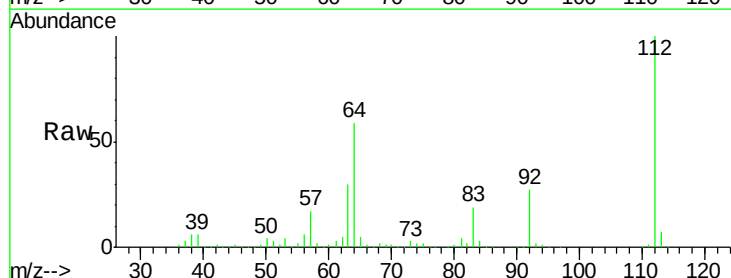
RT: 5.41 min Scan# 273

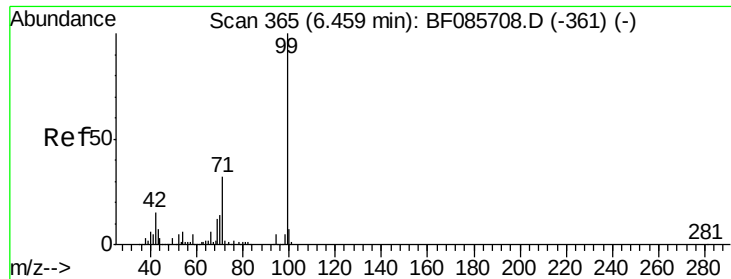
Delta R.T. 0.00 min

Lab File: BF085876.D

Acq: 30 Mar 2016 4:00

Tgt Ion:	112	Resp:	685036
Ion Ratio	Lower	Upper	
112	100		
64	59.2	39.9	59.9
63	29.8	20.2	30.2





#7

Phenol-d6

Concen: 102.21 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085876.D

Acq: 30 Mar 2016 4:00

Instrument :

BNA_F

ClientSampleId :

TP-4

Tgt Ion: 99 Resp: 848128

Ion Ratio Lower Upper

99 100

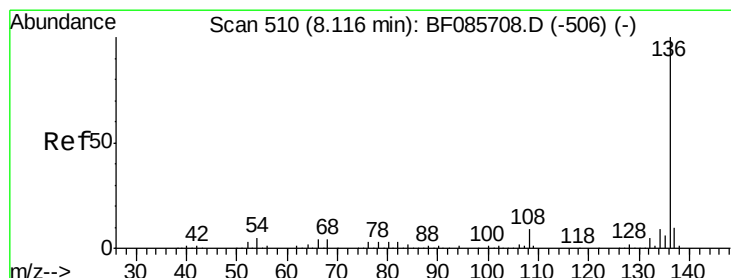
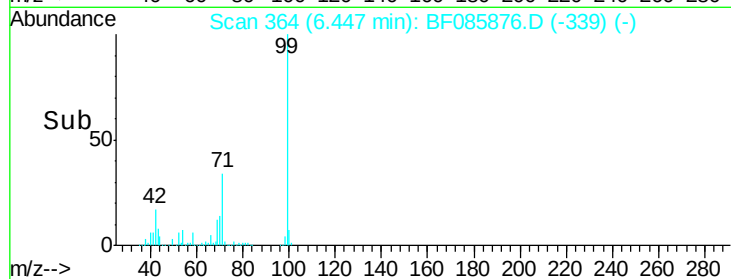
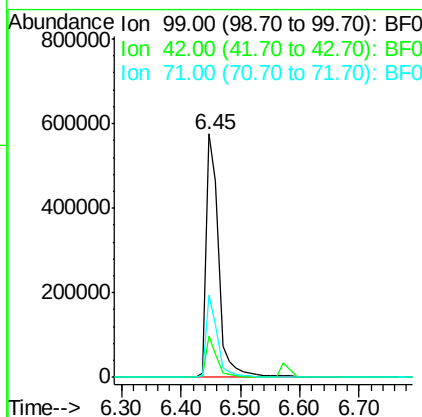
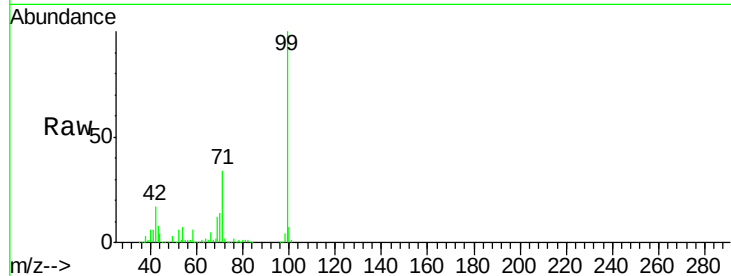
42 16.8 11.1 16.7#

71 34.0 24.9 37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085876.D

Acq: 30 Mar 2016 4:00

Tgt Ion: 136 Resp: 444345

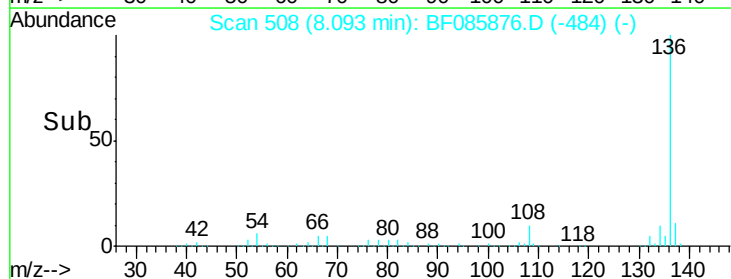
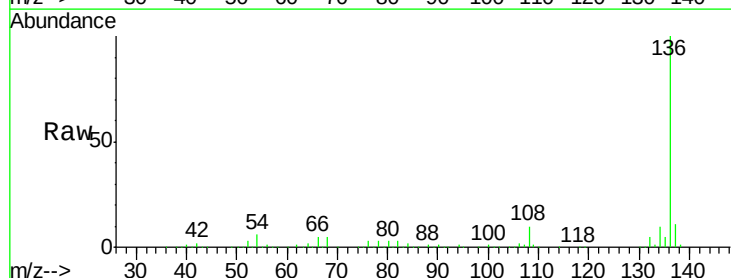
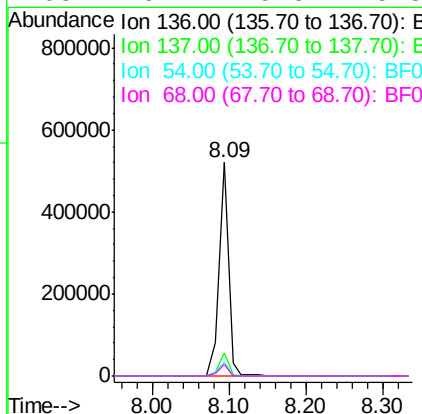
Ion Ratio Lower Upper

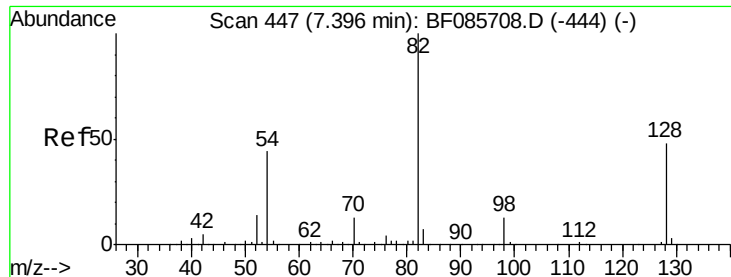
136 100

137 11.1 9.1 13.7

54 6.3 7.4 11.0#

68 5.2 5.8 8.8#





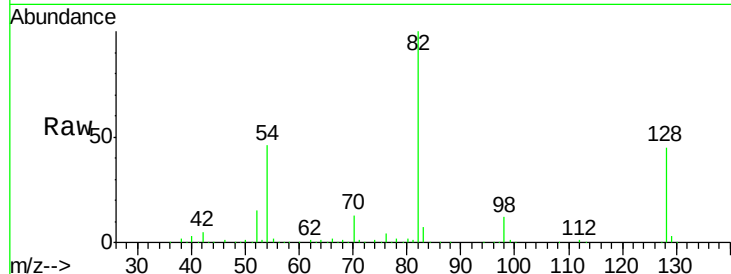
#23
 Nitrobenzene-d5
 Concen: 64.91 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085876.D
 Acq: 30 Mar 2016 4:00

Instrument :
 BNA_F
 ClientSampled :
 TP-4

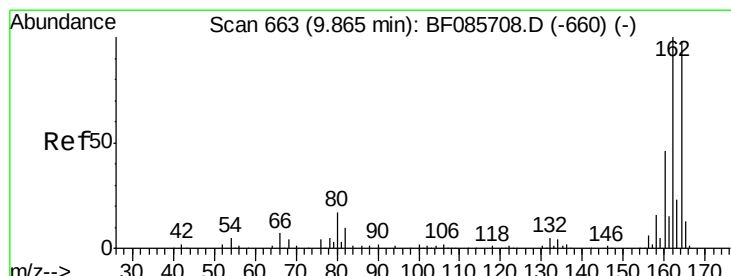
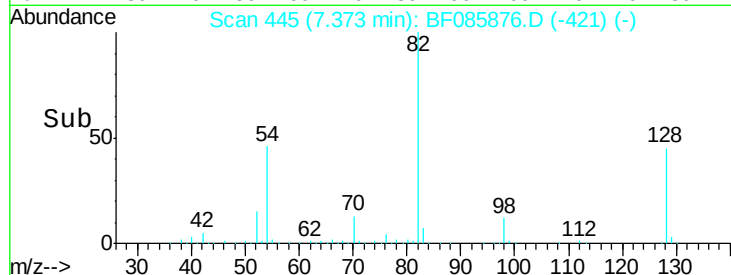
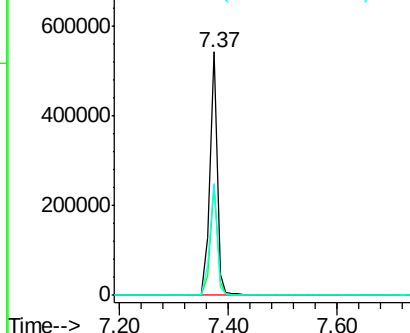
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	512178		
128	45.3	41.8	62.8	
54	45.8	33.4	50.0	

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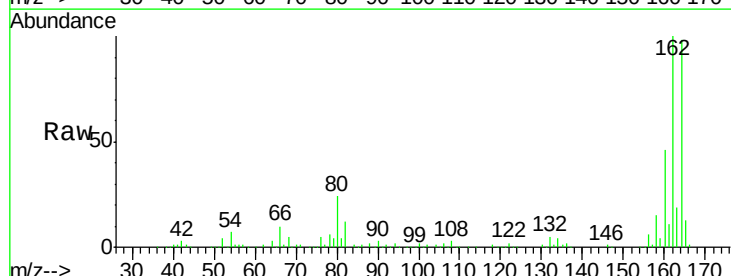


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

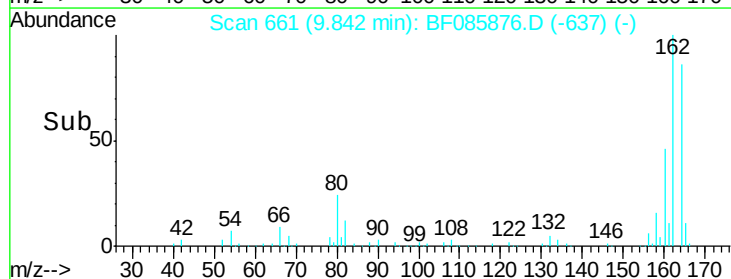
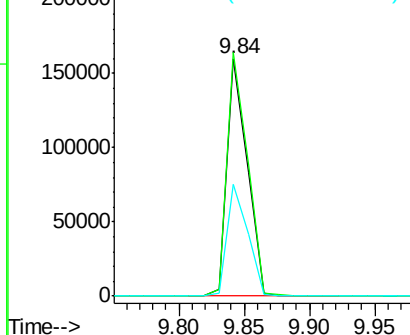


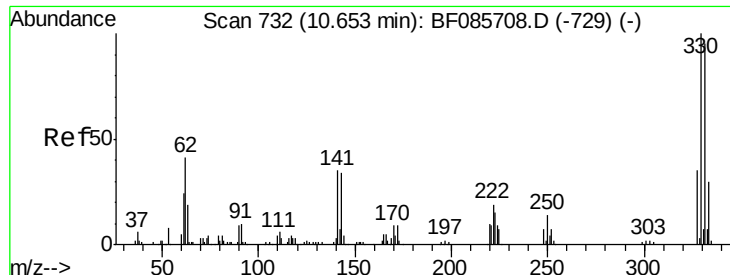
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085876.D
 Acq: 30 Mar 2016 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172164		
162	102.4	82.1	123.1	
160	47.1	37.4	56.2	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





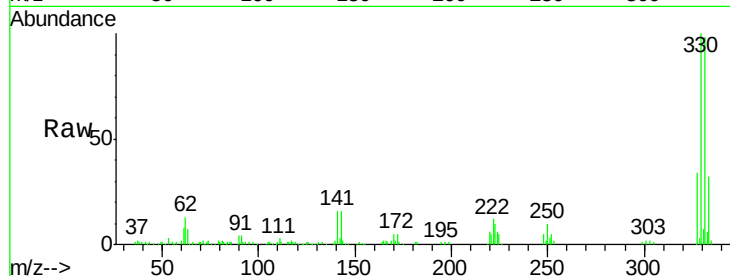
#41
 2,4,6-Tribromophenol
 Concen: 86.14 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085876.D
 Acq: 30 Mar 2016 4:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

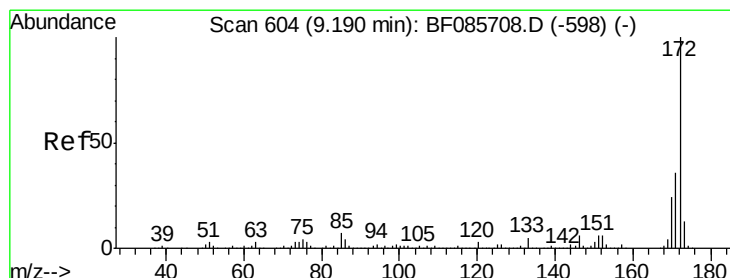
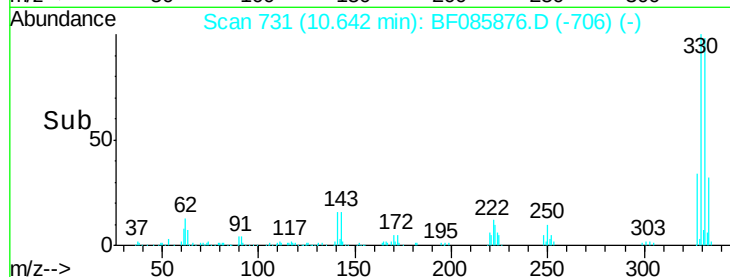
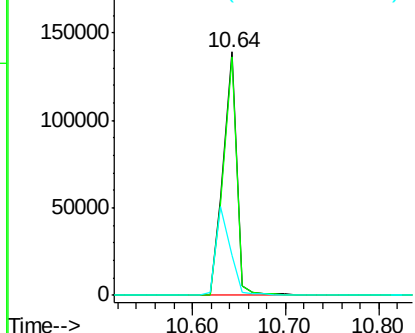
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	140907		
332	96.5	78.2	117.2	
141	38.8	31.5	47.3	

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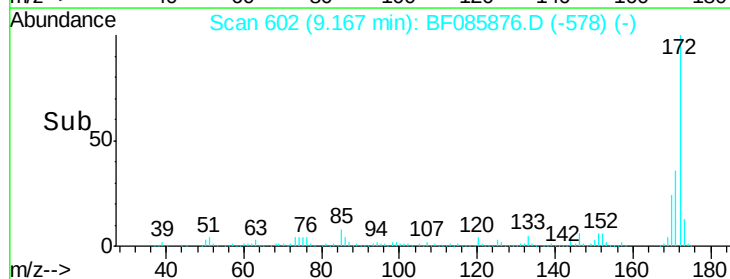
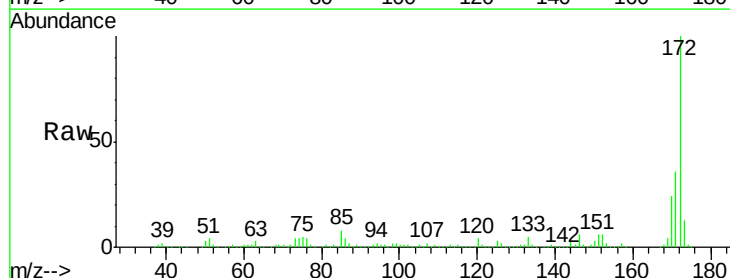
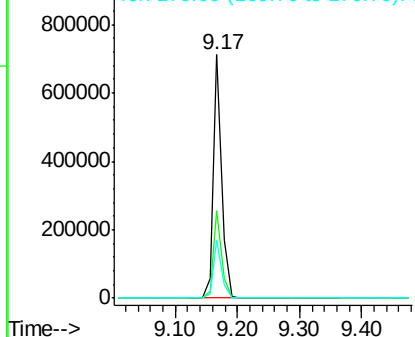
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

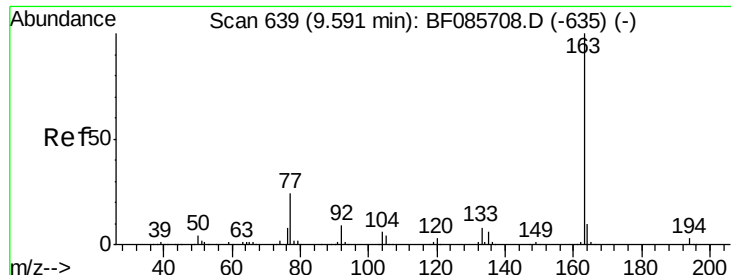


#44
 2-Fluorobiphenyl
 Concen: 63.79 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085876.D
 Acq: 30 Mar 2016 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	657278		
171	36.0	29.4	44.2	
170	23.9	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





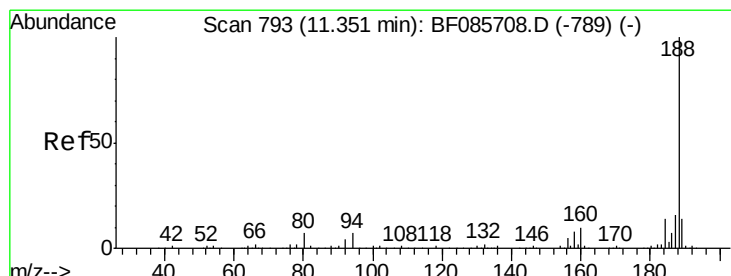
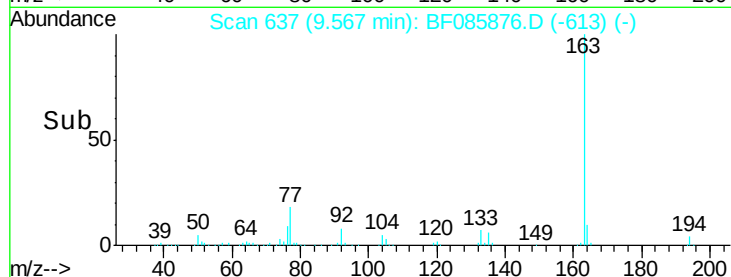
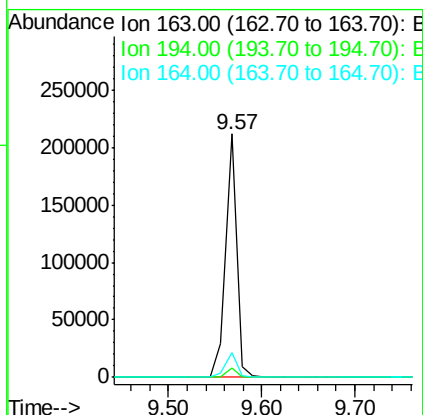
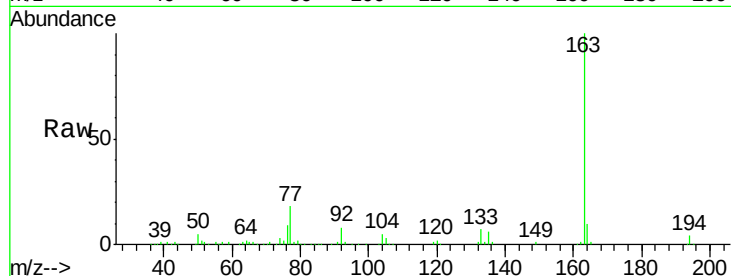
#49
Dimethylphthalate
Concen: 13.38 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF085876.D
Acq: 30 Mar 2016 4:00

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.9	4.3
164	10.0	8.3	12.5

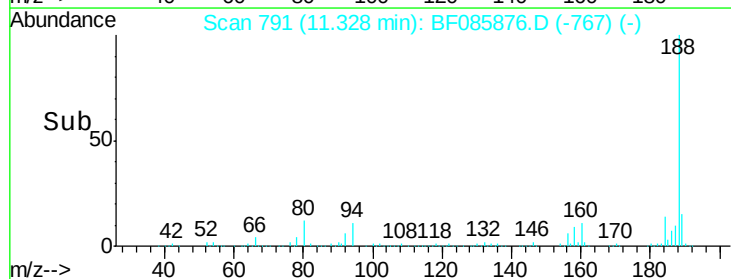
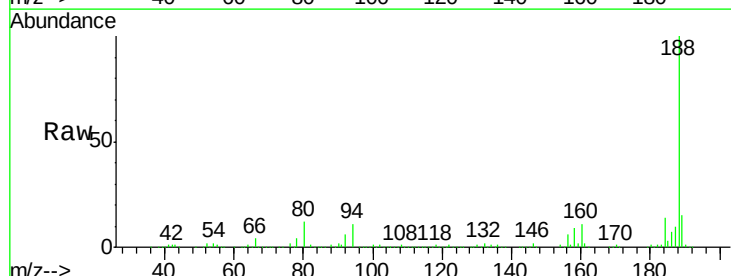
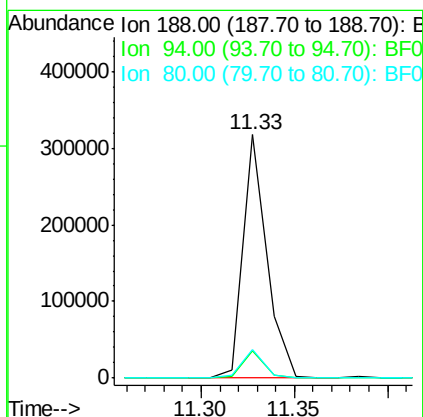
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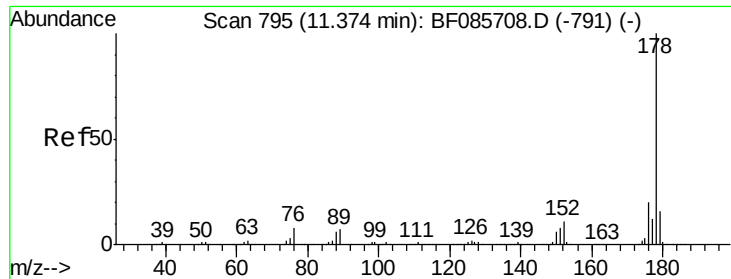
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085876.D
Acq: 30 Mar 2016 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.1	5.4	8.0#
80	11.8	5.5	8.3#





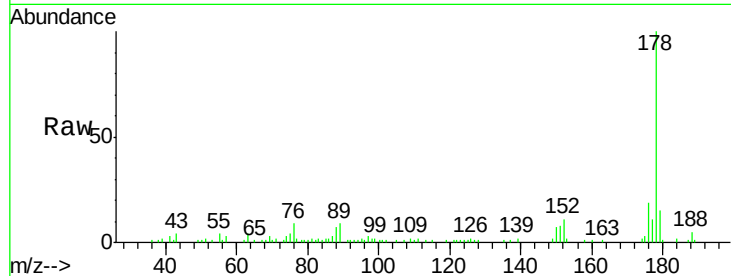
#70
 Phenanthrene
 Concen: 3.13 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BF085876.D
 Acq: 30 Mar 2016 4:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

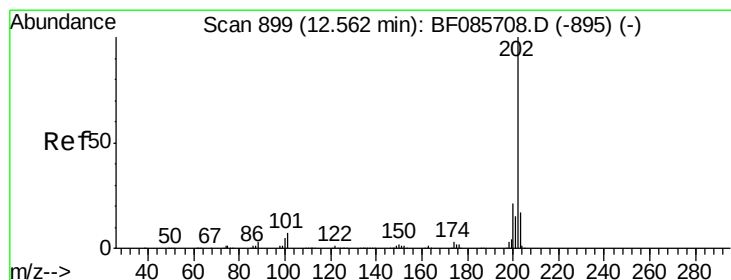
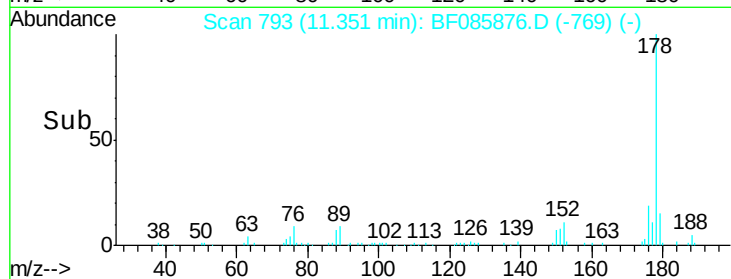
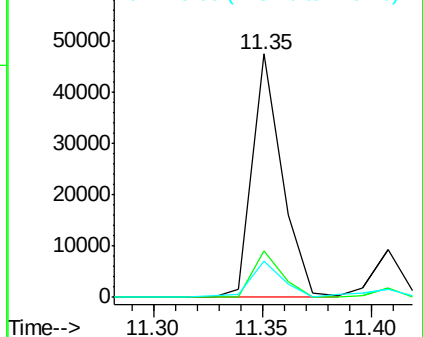
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	45456		
176	19.0	16.3	24.5	
179	15.1	12.6	18.8	

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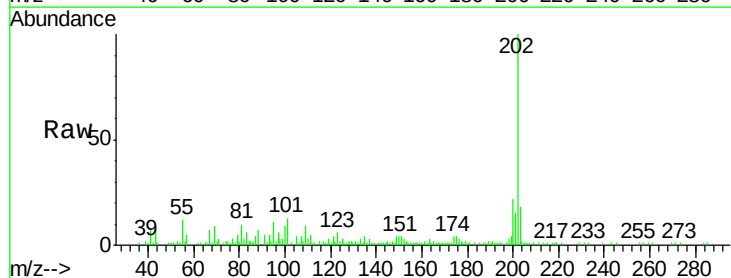


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

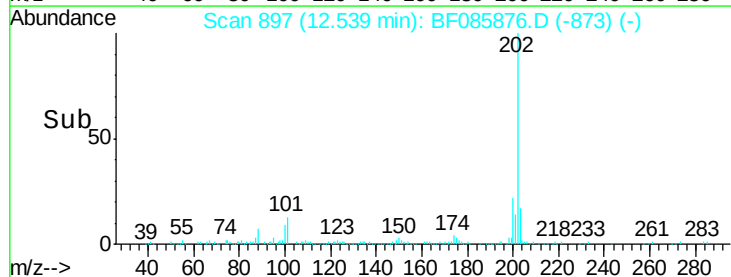
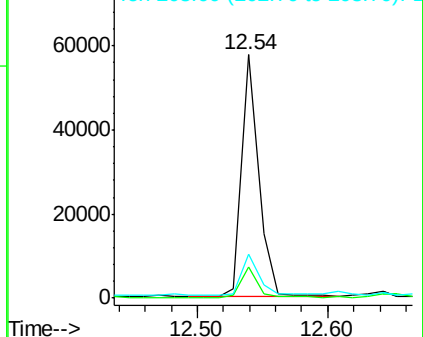


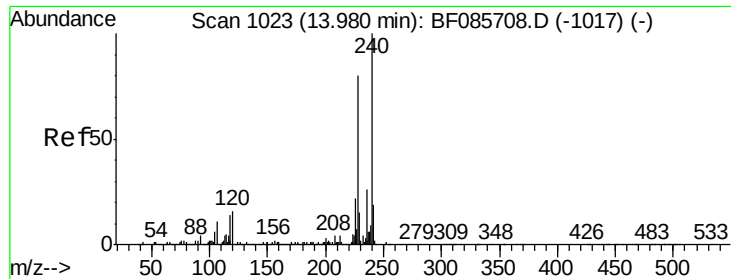
#74
 Fluoranthene
 Concen: 3.39 ng
 RT: 12.54 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF085876.D
 Acq: 30 Mar 2016 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	52354		
101	12.6	0.0	36.6	
203	17.8	0.0	38.1	



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





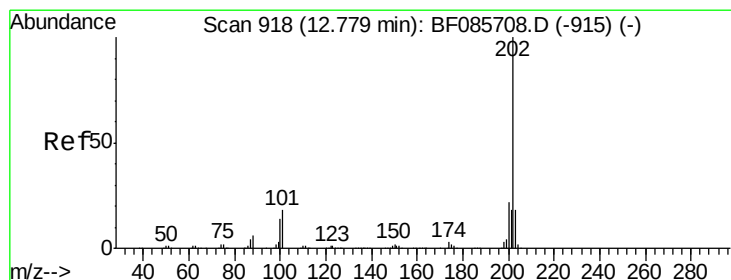
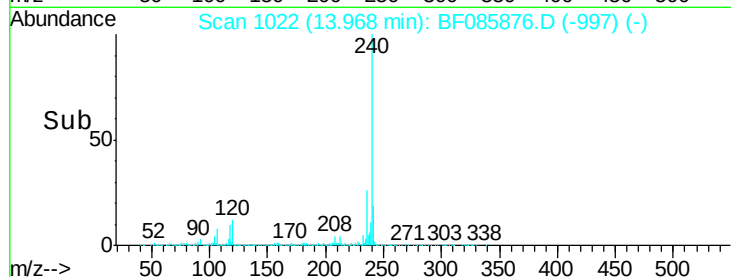
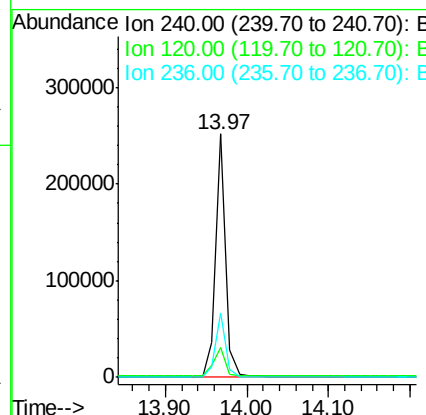
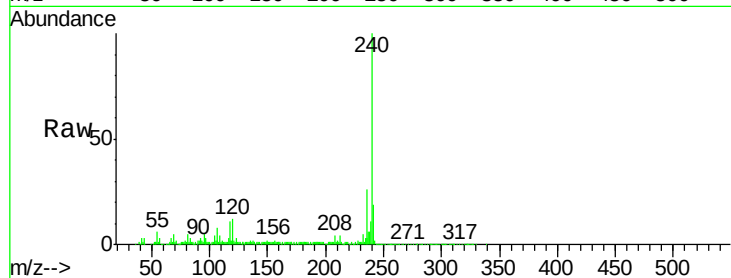
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085876.D
Acq: 30 Mar 2016 4:00

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	221432		
120	12.4	13.8	20.8#	
236	26.3	20.6	30.8	

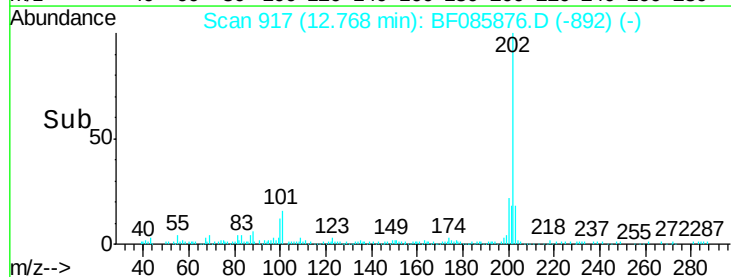
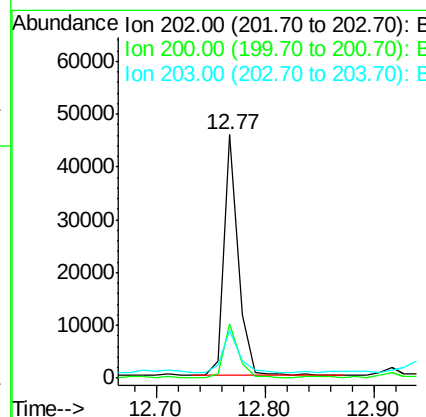
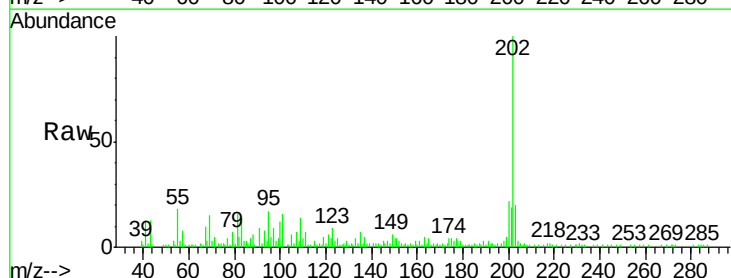
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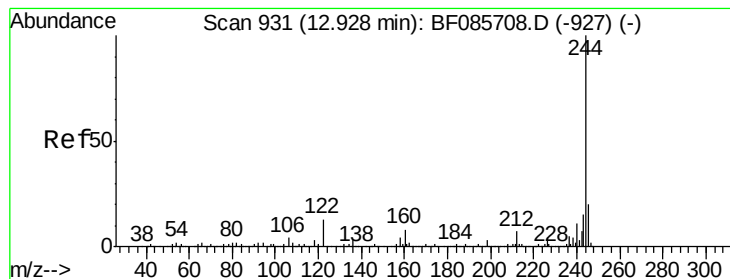
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#77
Pyrene
Concen: 2.33 ng
RT: 12.77 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF085876.D
Acq: 30 Mar 2016 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	42405		
200	22.1	17.6	26.4	
203	19.7	14.0	21.0	





#78

Terphenyl-d14

Concen: 40.91 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF085876.D

Acq: 30 Mar 2016 4:00

Instrument :

BNA_F

ClientSampleId :

TP-4

Tgt Ion:244 Resp: 440476
Ion Ratio Lower Upper

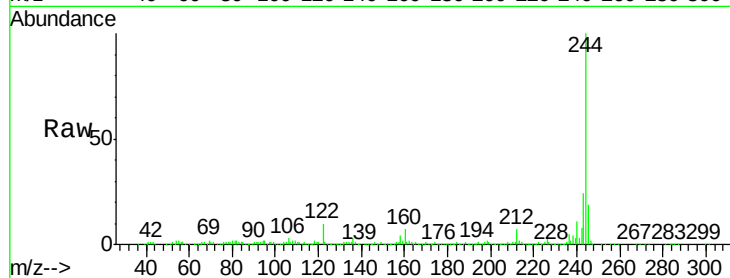
244 100

212 7.0 6.1 9.1

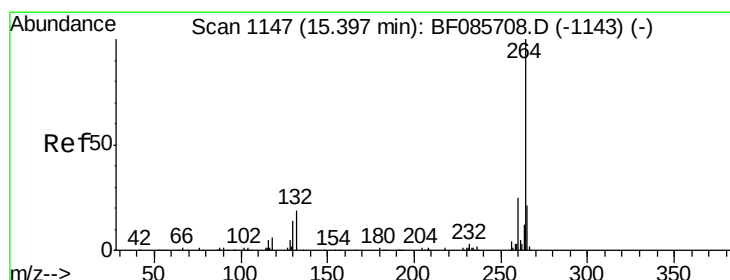
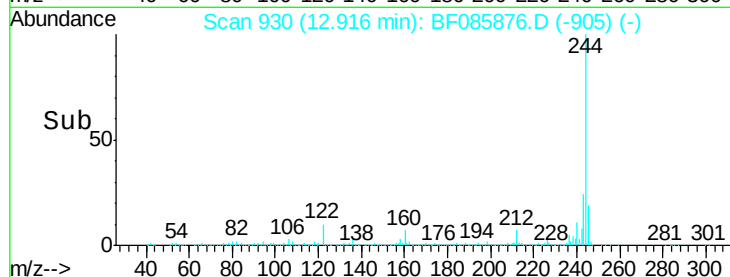
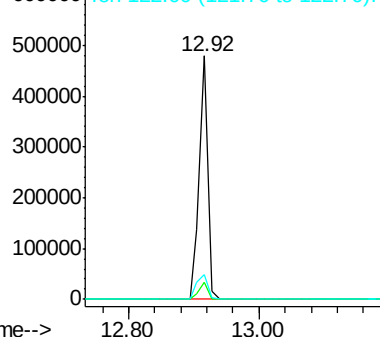
122 9.9 10.2 15.4#

Manual Integrations
APPROVED

Sohil
3/30/2016 7:09:21 PM



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

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF085876.D

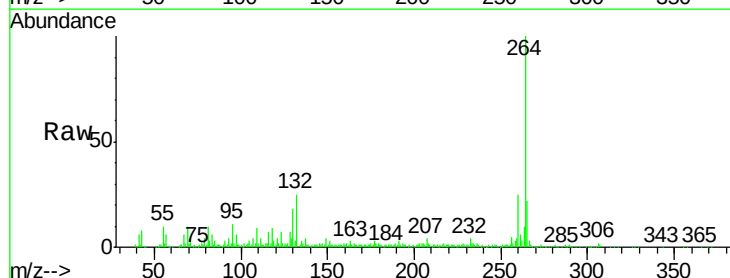
Acq: 30 Mar 2016 4:00

Tgt Ion:264 Resp: 162659
Ion Ratio Lower Upper

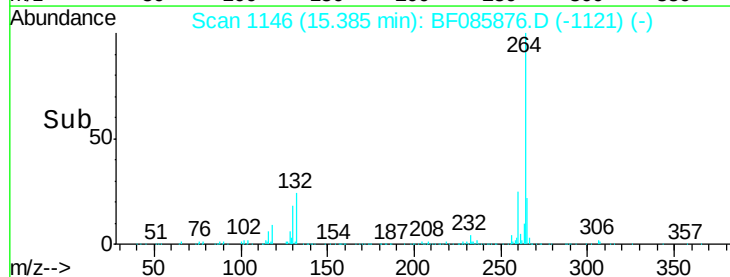
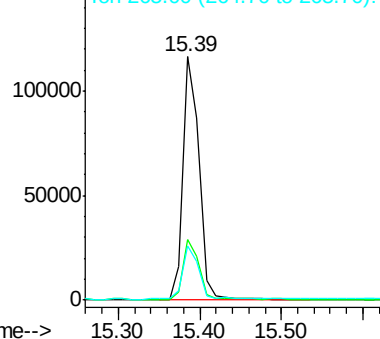
264 100

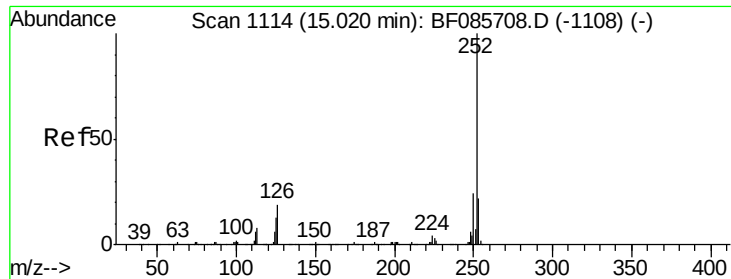
260 25.0 19.4 29.2

265 22.3 17.2 25.8



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





#87
 Benzo(b)fluoranthene
 Concen: 2.29 ng m
 RT: 14.99 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF085876.D
 Acq: 30 Mar 2016 4:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	32.3	10.3	15.5#

Manual Integrations
 APPROVED

Sohil
 3/30/2016 7:09:21 PM

