

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085241.D
 Acq On : 5 Mar 2016 9:06
 Operator : SJ/IZ
 Sample : H1683-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP(0.0-5.5)

Manual Integrations
 APPROVED

UMANGI
 3/7/2016 9:33:29 AM

Quant Time: Mar 07 01:00:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150274	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	556981	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	226731	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	357656	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	266672	20.00	ng	-0.02
86) Perylene-d12	15.60	264	233774	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1478444	165.03	ng	0.00
7) Phenol-d6	6.60	99	1530473	130.39	ng	-0.01
23) Nitrobenzene-d5	7.53	82	928719	89.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	303758	156.57	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1312472	88.04	ng	-0.02
78) Terphenyl-d14	13.08	244	847101	73.74	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.72	163	287691	16.53	ng	Qvalue # 99
70) Phenanthrene	11.52	178	41770	2.23	ng	95
74) Fluoranthene	12.70	202	102420	5.44	ng	93
77) Pyrene	12.94	202	91008	4.53	ng	96
80) Benzo(a)anthracene	14.12	228	59337	3.72	ng	98
82) Chrysene	14.15	228	40832	2.77	ng	97
83) Bis(2-ethylhexyl)phthalate	14.11	149	151750	12.66	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.07	276	23424	2.04	ng	# 79
87) Benzo(b)fluoranthene	15.17	252	70724m	4.54	ng	
89) Benzo(a)pyrene	15.53	252	39983	3.10	ng	# 91
91) Benzo(g,h,i)perylene	17.51	276	24195	2.18	ng	95

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

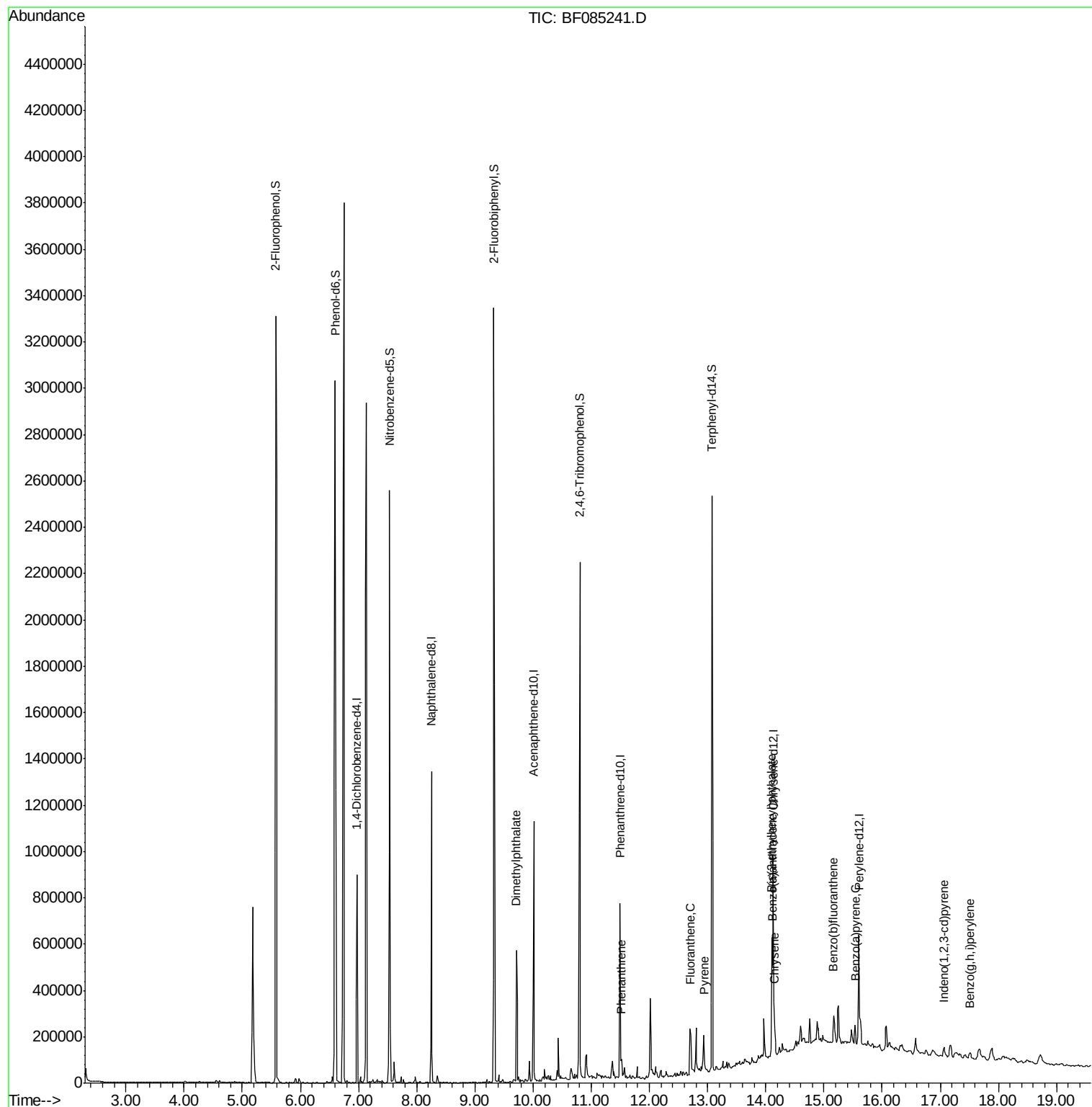
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
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ALS Vial : 38 Sample Multiplier: 1

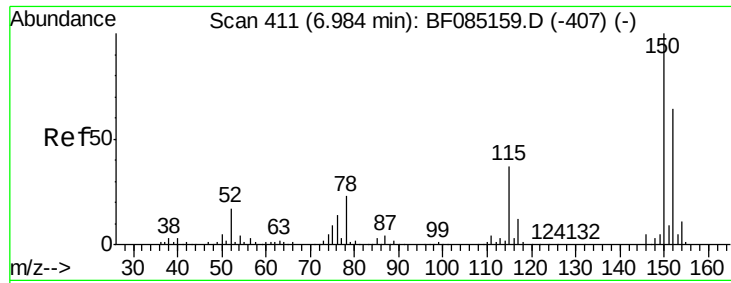
Instrument :
BNA_F
ClientSampleId :
SB-30-COMP(0.0-5.5)

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Quant Time: Mar 07 01:00:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

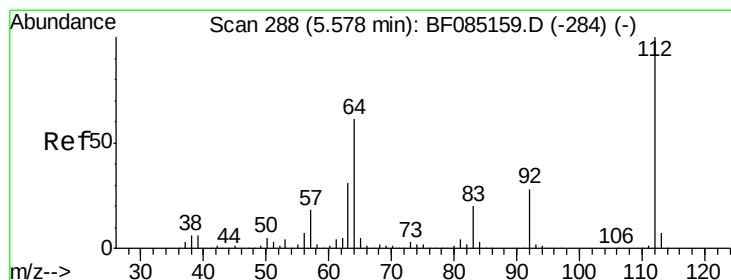
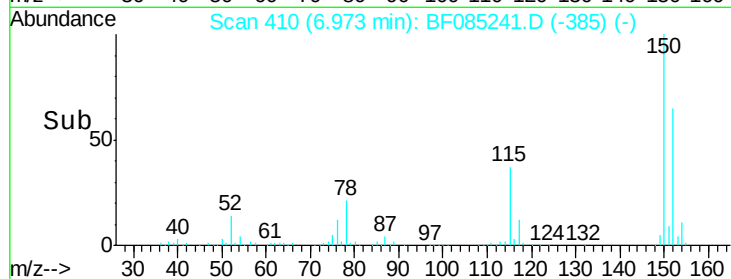
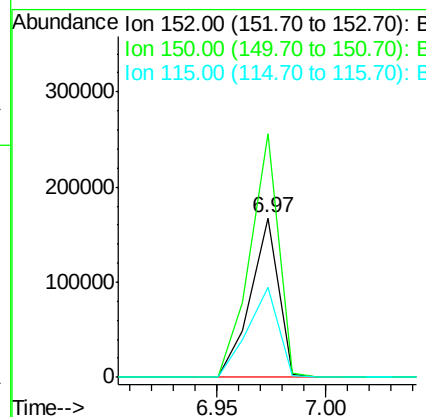
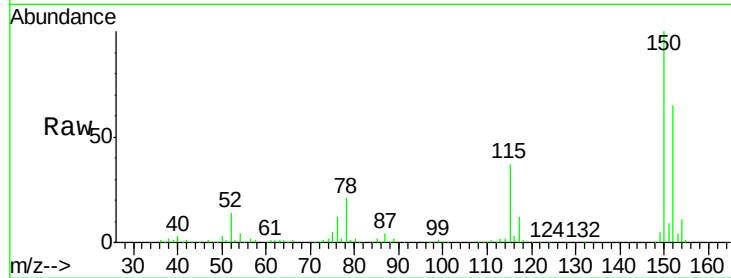
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085241.D
Acq: 5 Mar 2016 9:06

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP(0.0-5.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	56.4	46.6	70.0

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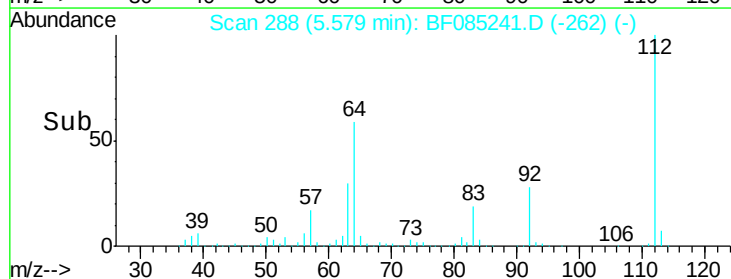
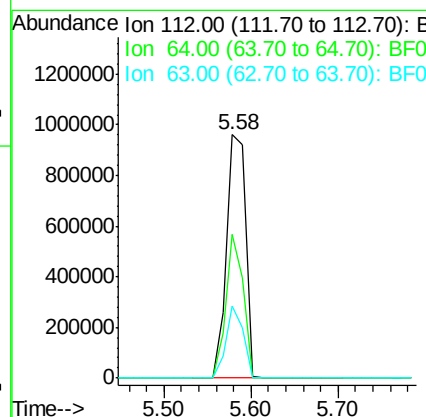
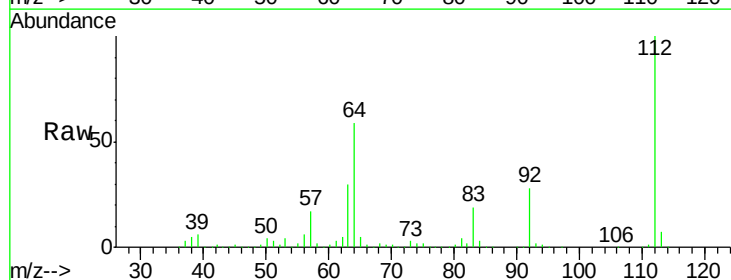
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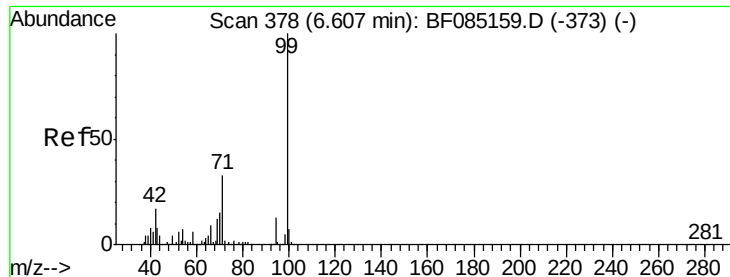


#5

2-Fluorophenol
Concen: 165.03 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085241.D
Acq: 5 Mar 2016 9:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	49.0	73.4
63	29.7	24.8	37.2





#7

Phenol-d6

Concen: 130.39 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085241.D

Acq: 5 Mar 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP(0.0-5.5)

Tot Ion: 99 Resp: 1530473

Ion Ratio Lower Upper

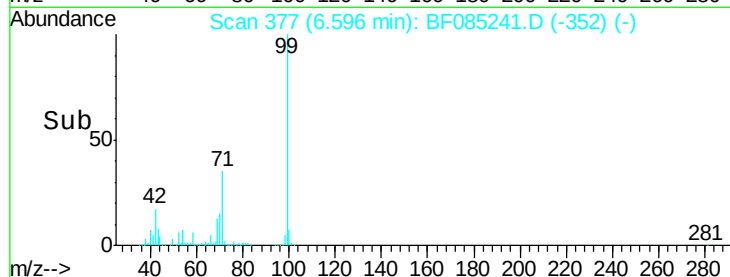
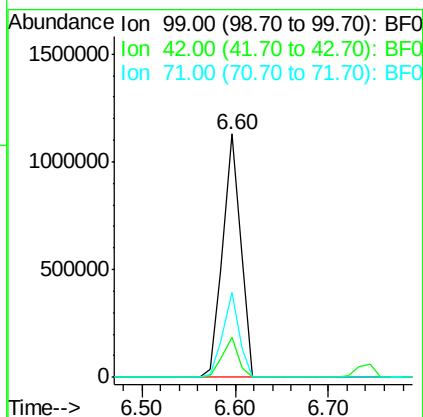
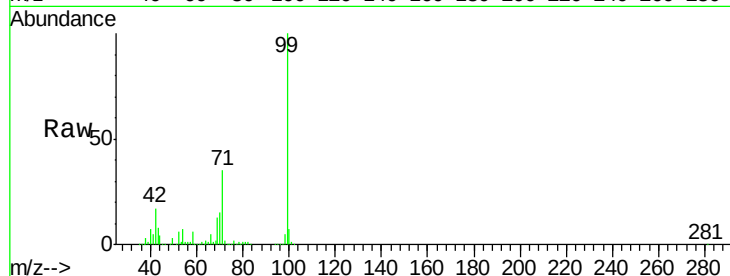
99 100

42 16.5 13.6 20.4

71 34.7 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085241.D

Acq: 5 Mar 2016 9:06

Tgt Ion: 136 Resp: 556981

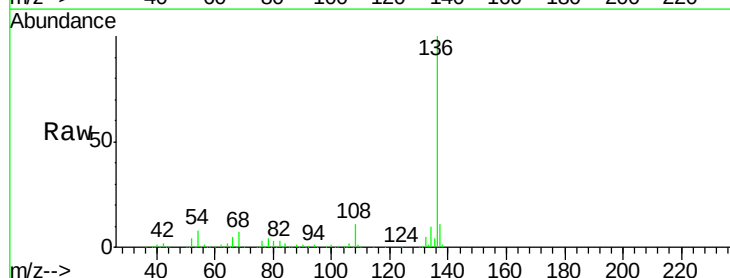
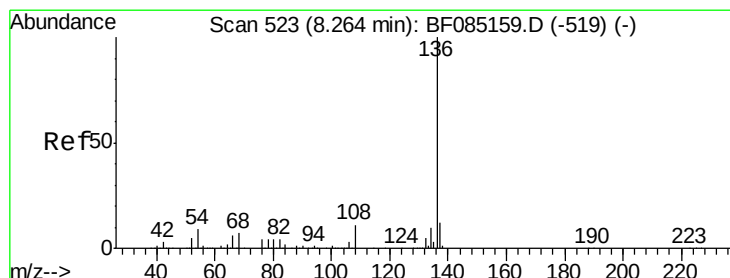
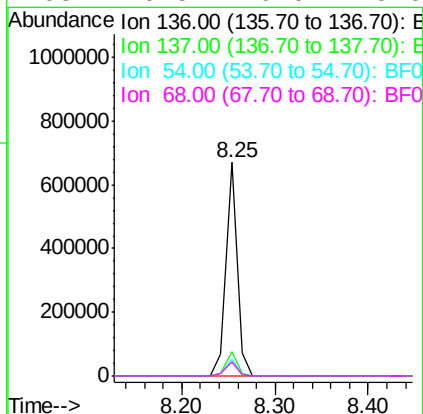
Ion Ratio Lower Upper

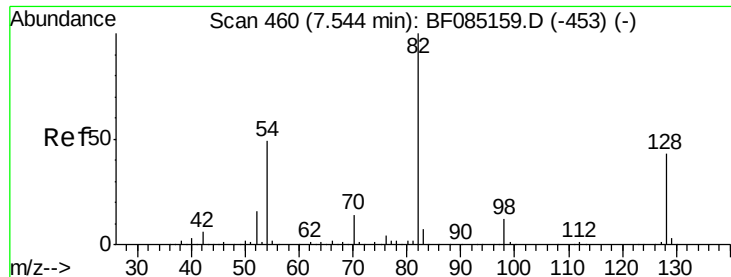
136 100

137 11.1 9.3 13.9

54 7.6 7.4 11.2

68 6.5 6.0 9.0





#23

Nitrobenzene-d5

Concen: 89.23 ng

RT: 7.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF085241.D

Acq: 5 Mar 2016 9:06

Instrument :

BNA_F

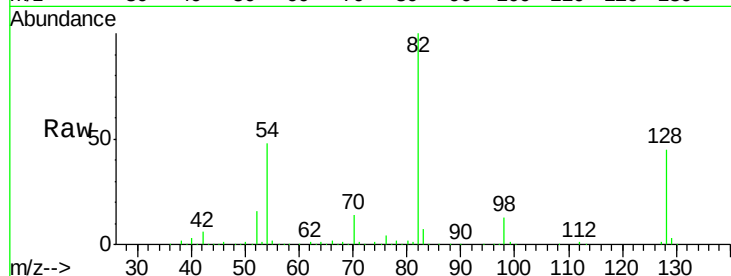
ClientSampleId :

SB-30-COMP(0.0-5.5)

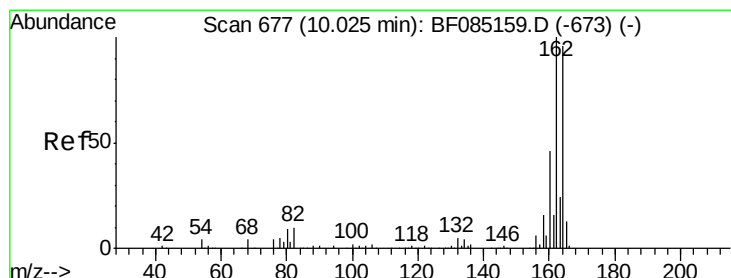
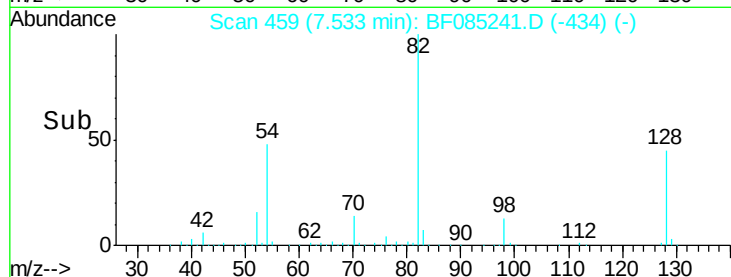
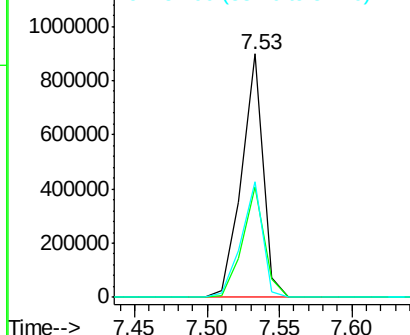
Tot Ion:	82	Resp:	928719
Ion Ratio	Lower	Upper	
82	100		
128	45.3	34.5	51.7
54	47.5	39.3	58.9

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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

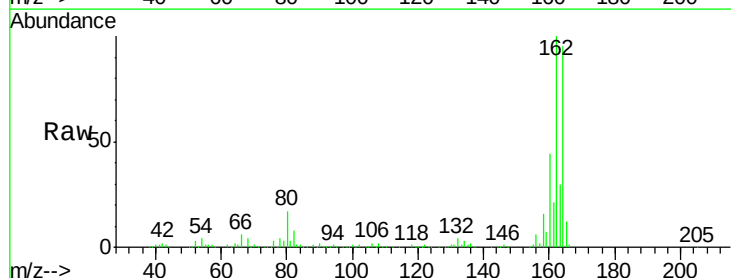
RT: 10.01 min Scan# 676

Delta R.T. -0.01 min

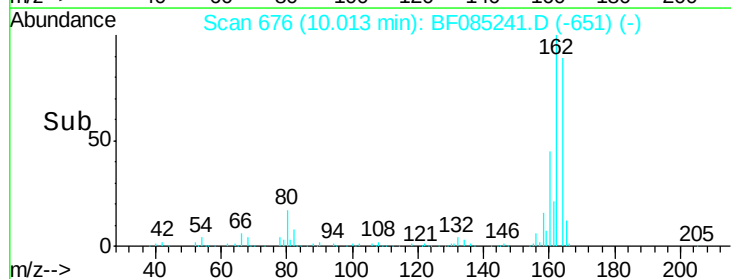
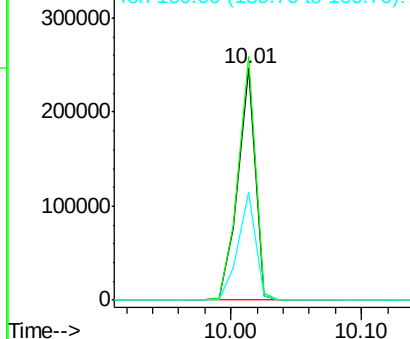
Lab File: BF085241.D

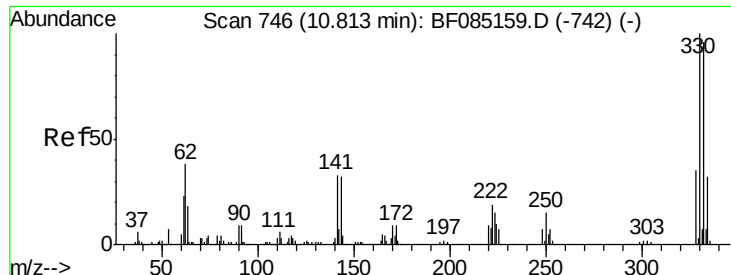
Acq: 5 Mar 2016 9:06

Tgt Ion:	164	Resp:	226731
Ion Ratio	Lower	Upper	
164	100		
162	105.1	83.3	124.9
160	46.7	37.9	56.9



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





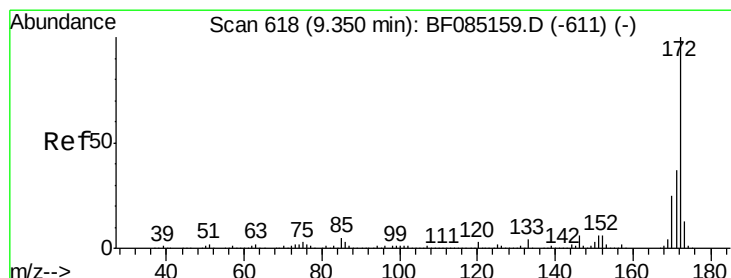
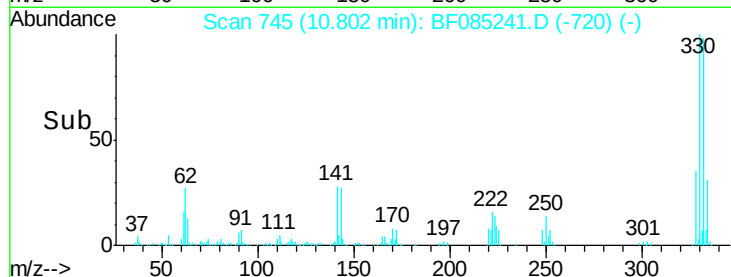
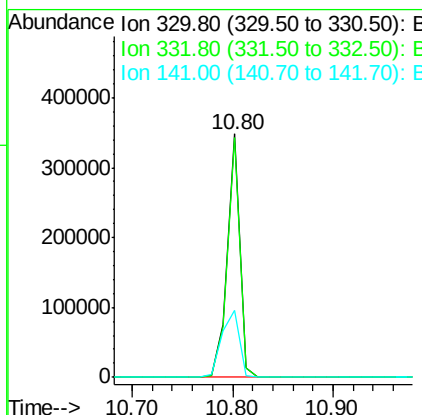
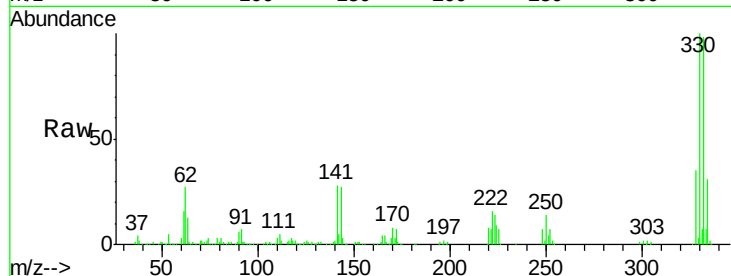
#41
 2,4,6-Tribromophenol
 Concen: 156.57 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085241.D
 Acq: 5 Mar 2016 9:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP(0.0-5.5)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	303758		
332	98.0	77.1	115.7	
141	38.5	35.0	52.6	

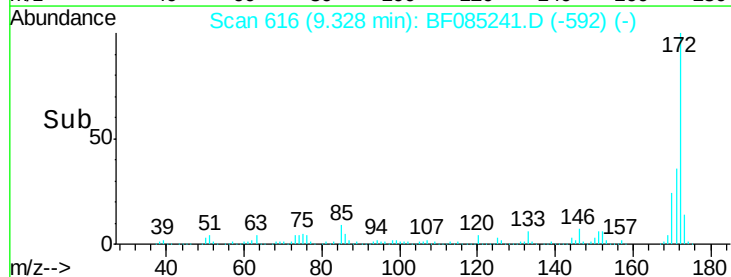
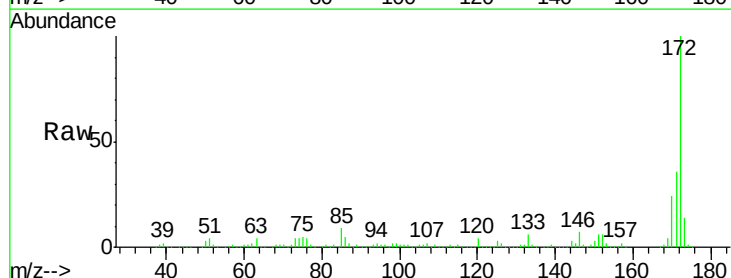
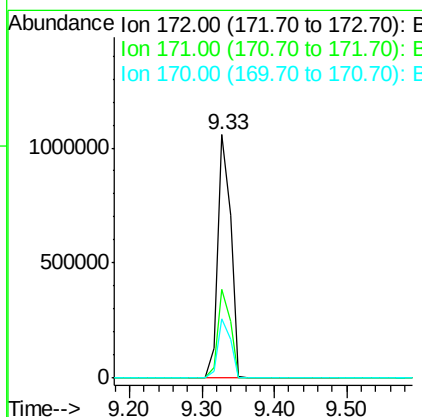
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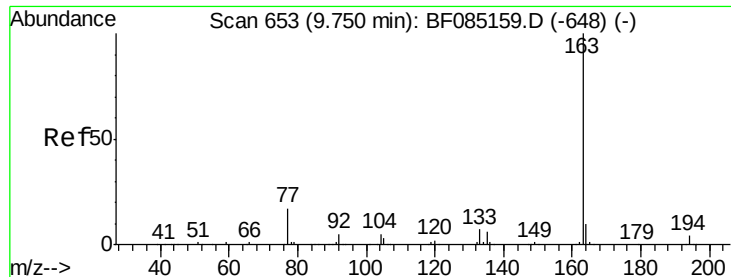
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#44
 2-Fluorobiphenyl
 Concen: 88.04 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085241.D
 Acq: 5 Mar 2016 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1312472		
171	36.3	29.3	43.9	
170	24.1	20.0	30.0	





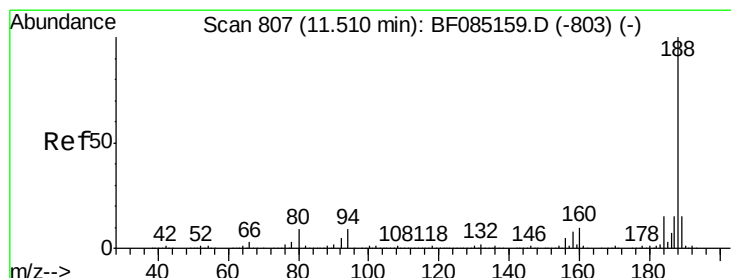
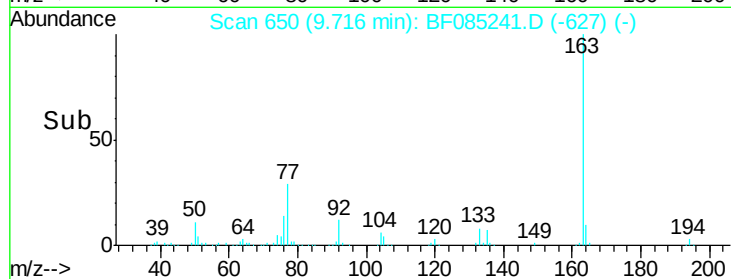
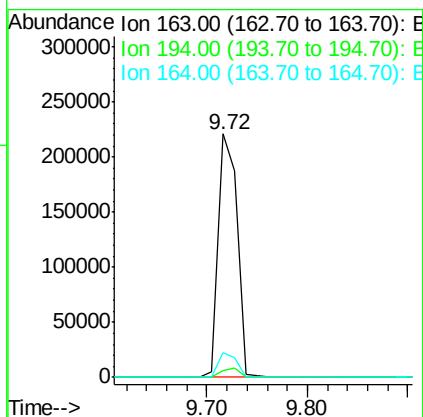
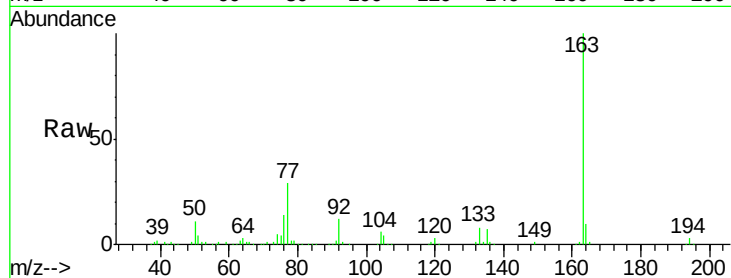
#49
Dimethylphthalate
Concen: 16.53 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085241.D
Acq: 5 Mar 2016 9:06

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP(0.0-5.5)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	287691		
194	3.0		3.1	4.7#
164	10.3		8.2	12.4

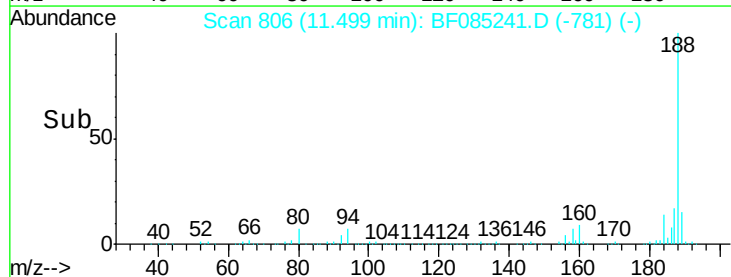
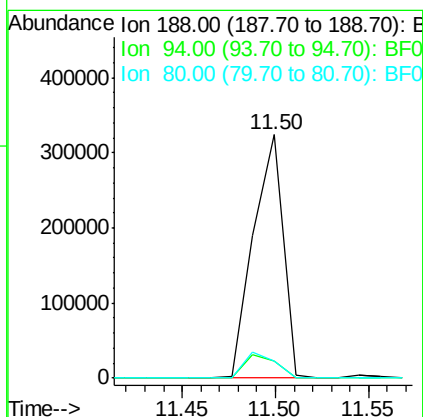
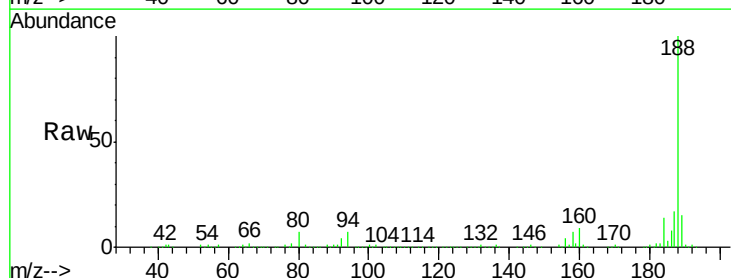
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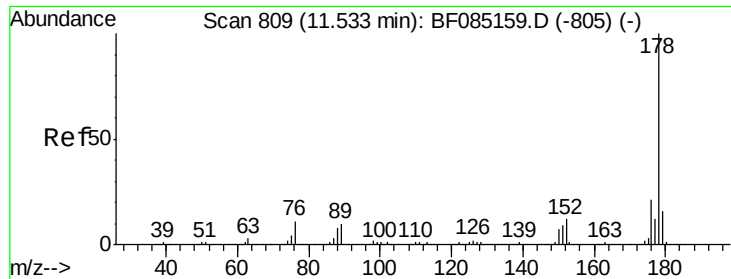
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085241.D
Acq: 5 Mar 2016 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	357656		
94	6.8		7.0	10.6#
80	7.0		7.4	11.0#





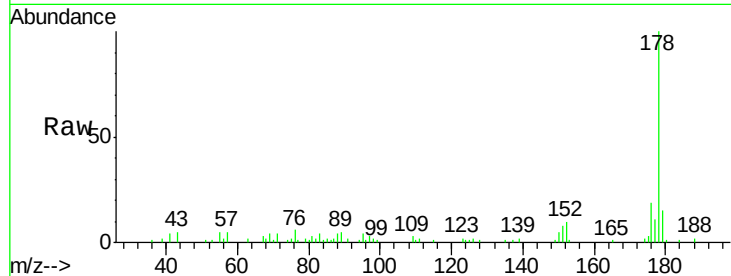
#70
Phenanthrene
Concen: 2.23 ng
RT: 11.52 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF085241.D
Acq: 5 Mar 2016 9:06

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP(0.0-5.5)

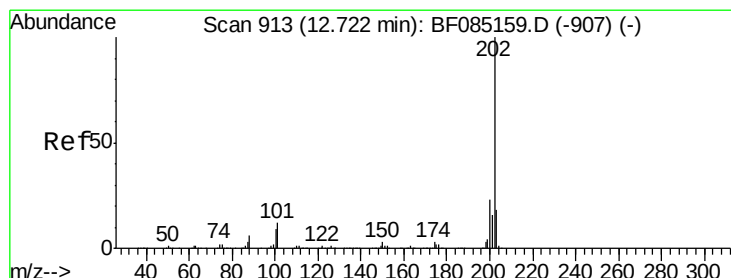
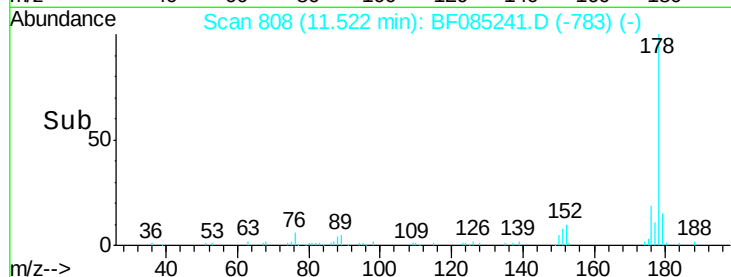
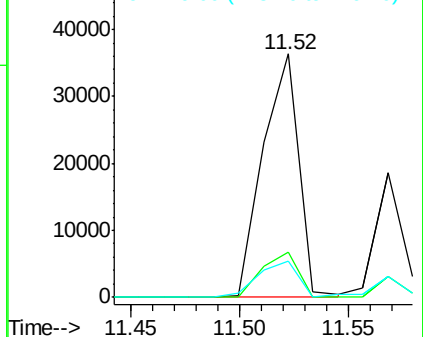
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.8	25.2
179	14.7	13.1	19.7

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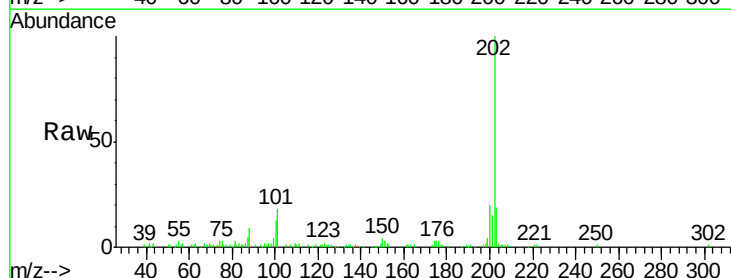


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

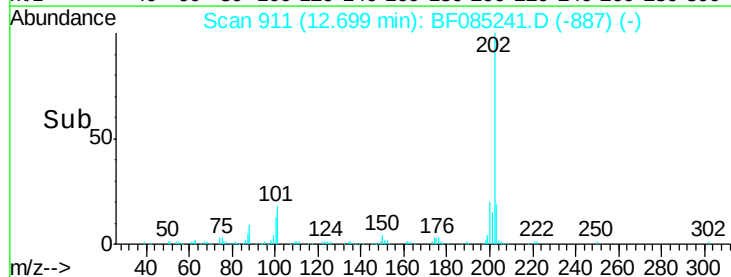
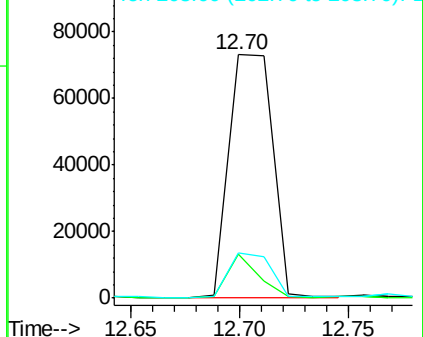


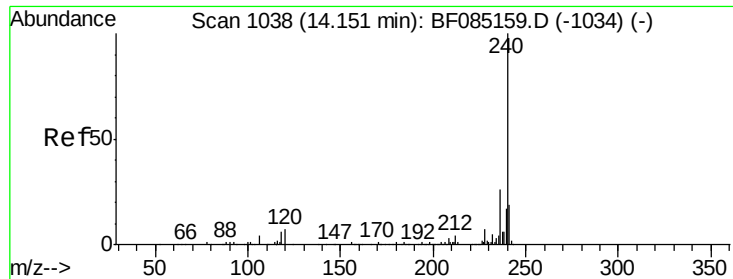
#74
Fluoranthene
Concen: 5.44 ng
RT: 12.70 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF085241.D
Acq: 5 Mar 2016 9:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.1	0.0	31.8
203	18.6	0.0	38.4



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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085241.D

Acq: 5 Mar 2016 9:06

Instrument :

BNA_F

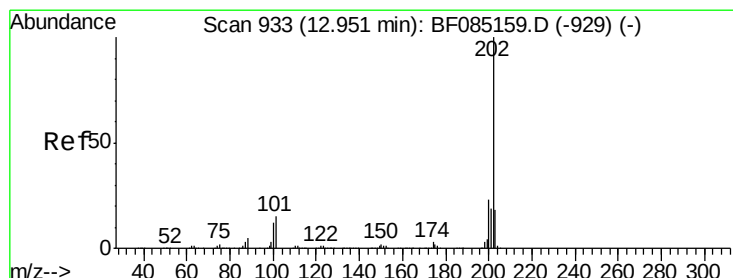
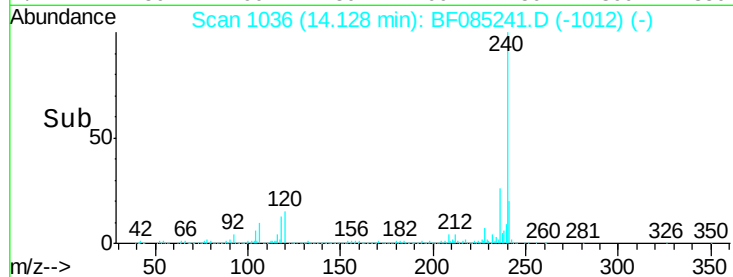
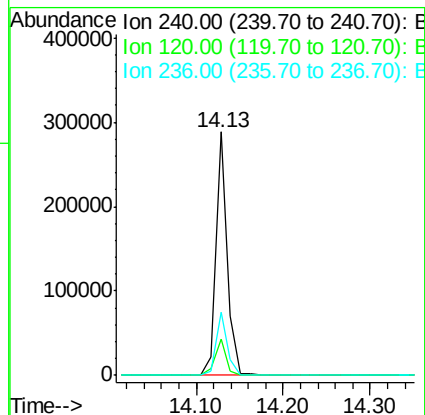
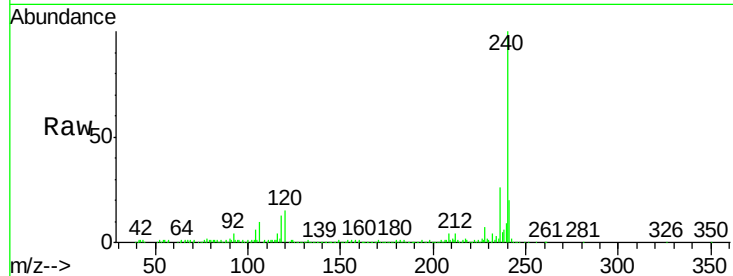
ClientSampleId :

SB-30-COMP(0.0-5.5)

Tot Ion:	240	Resp:	266672
Ion Ratio	Lower	Upper	
240	100		
120	14.7	5.3	7.9#
236	25.7	20.7	31.1

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#77

Pyrene

Concen: 4.53 ng

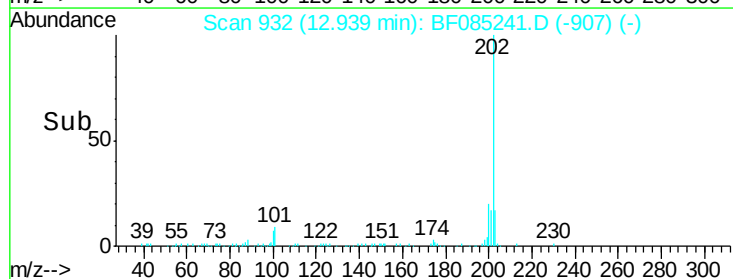
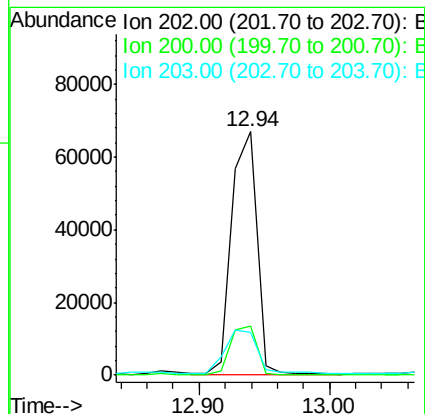
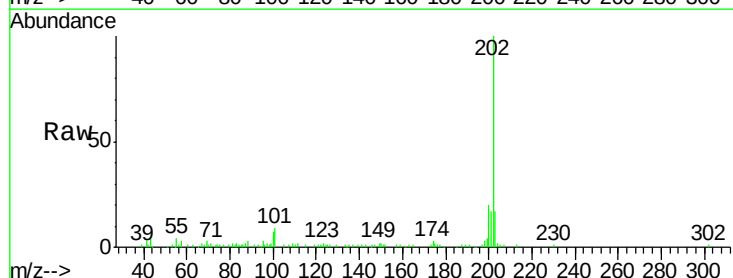
RT: 12.94 min Scan# 932

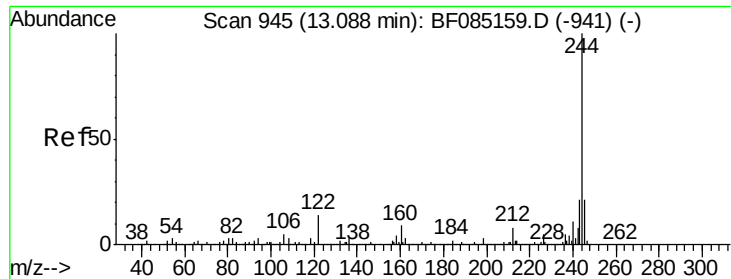
Delta R.T. -0.01 min

Lab File: BF085241.D

Acq: 5 Mar 2016 9:06

Tgt Ion:	202	Resp:	91008
Ion Ratio	Lower	Upper	
202	100		
200	19.9	18.2	27.4
203	17.4	14.7	22.1





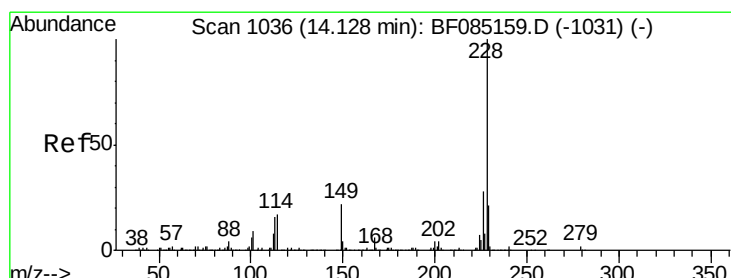
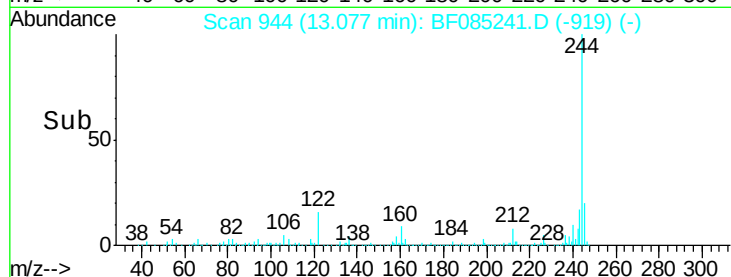
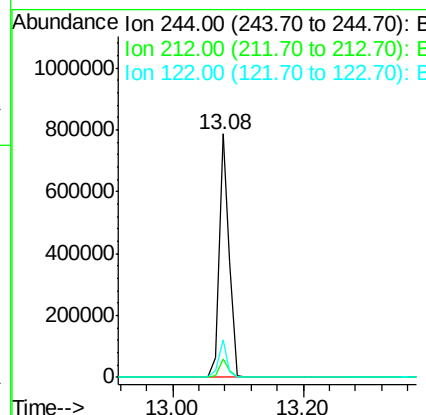
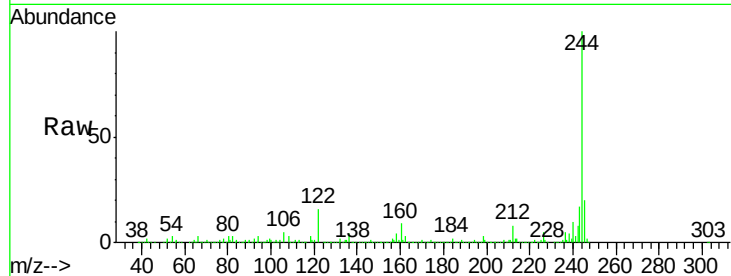
#78
 Terphenyl-d14
 Concen: 73.74 ng
 RT: 13.08 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF085241.D
 Acq: 5 Mar 2016 9:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP(0.0-5.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	15.5	11.4	17.2

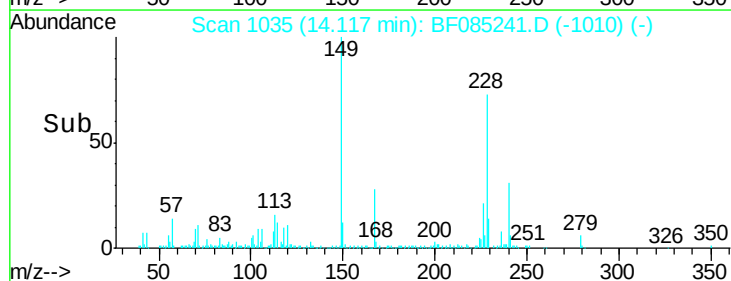
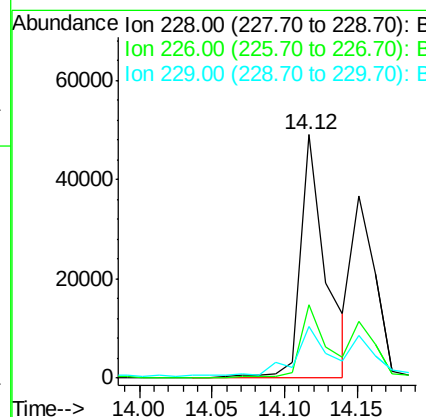
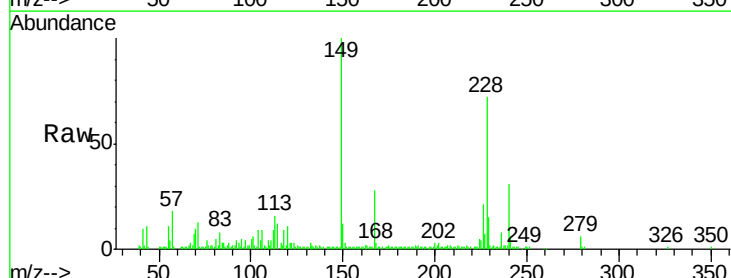
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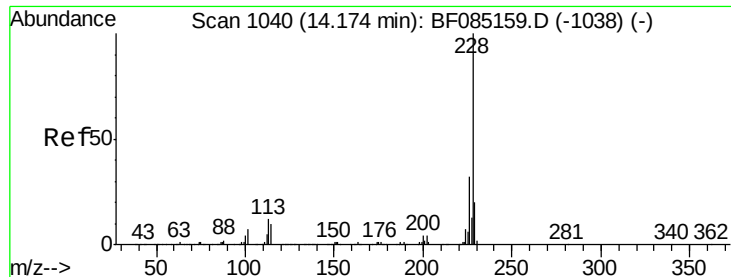
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#80
 Benzo(a)anthracene
 Concen: 3.72 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF085241.D
 Acq: 5 Mar 2016 9:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.8	34.2
229	21.2	16.6	24.8





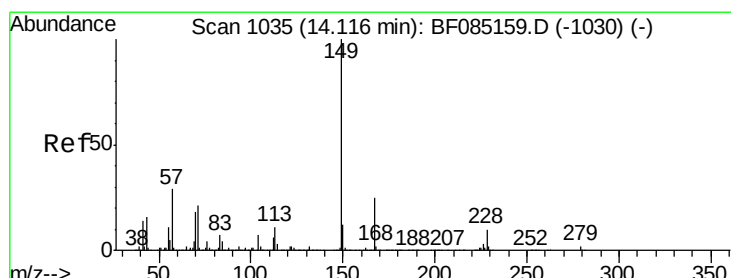
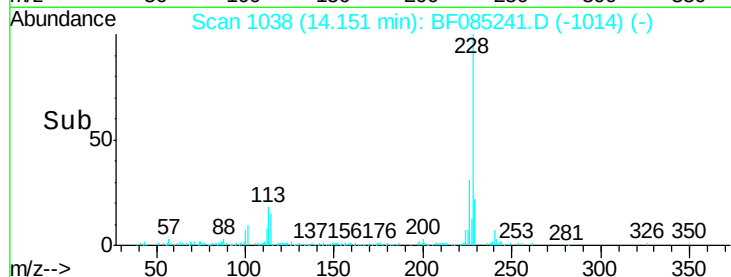
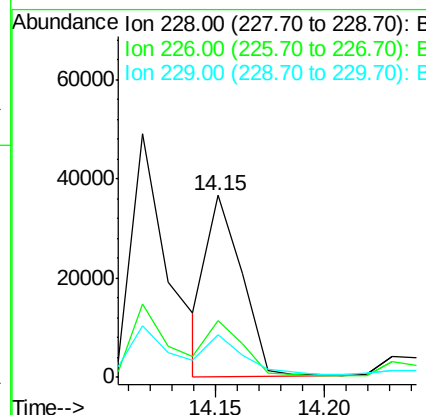
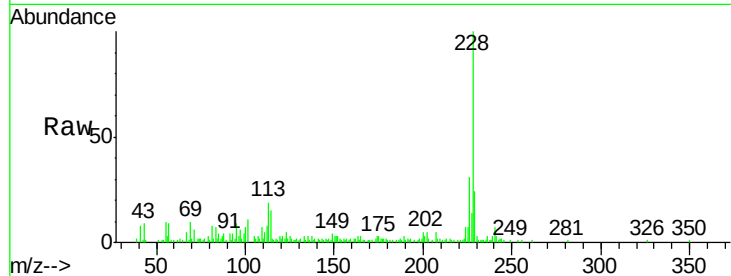
#82
Chrysene
Concen: 2.77 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF085241.D
Acq: 5 Mar 2016 9:06

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP(0.0-5.5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	23.7	16.0	24.0

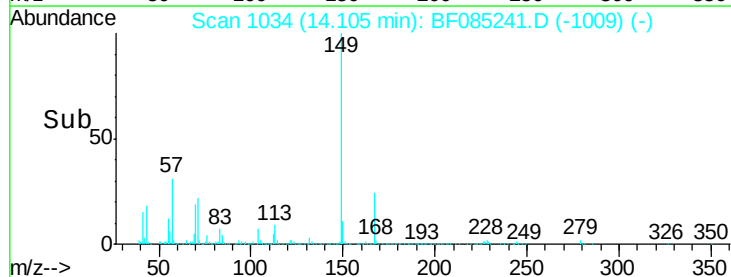
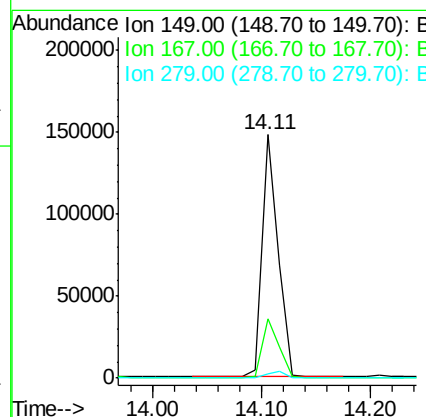
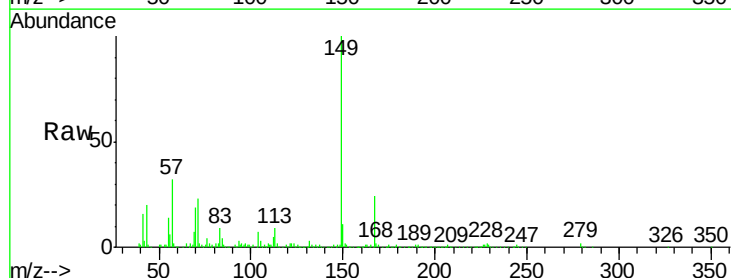
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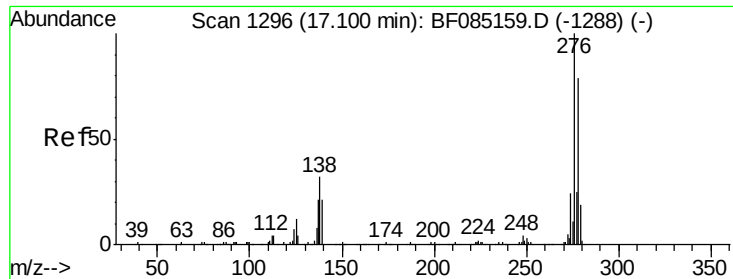
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#83
Bis(2-ethylhexyl)phthalate
Concen: 12.66 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF085241.D
Acq: 5 Mar 2016 9:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.3	30.5
279	1.9	1.9	2.9#





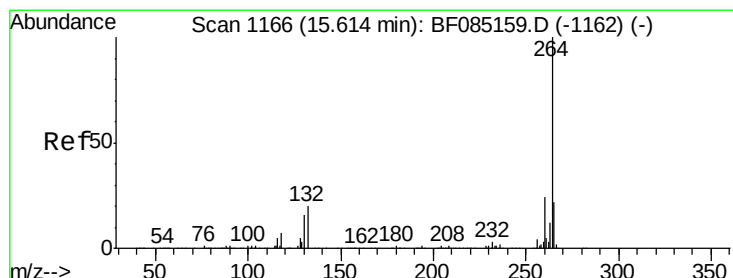
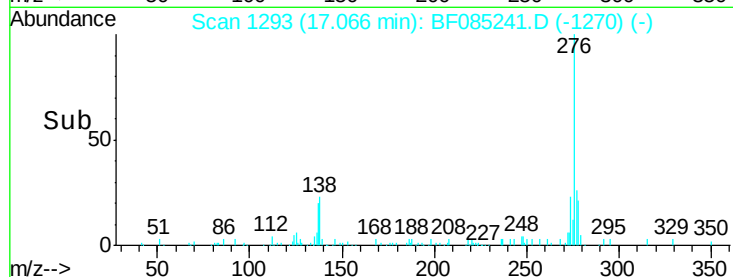
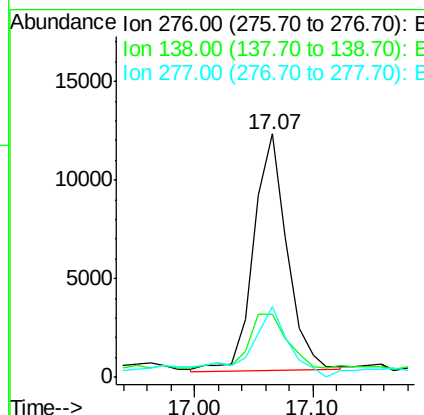
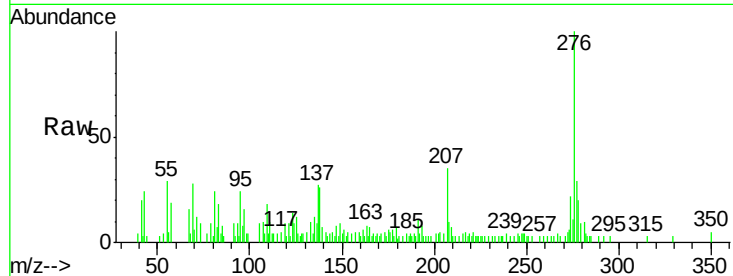
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.04 ng
RT: 17.07 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF085241.D
Acq: 5 Mar 2016 9:06

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP(0.0-5.5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	26.4	39.6
277	43.3	20.2	30.2

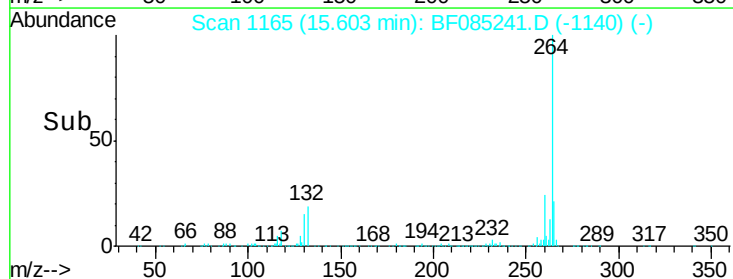
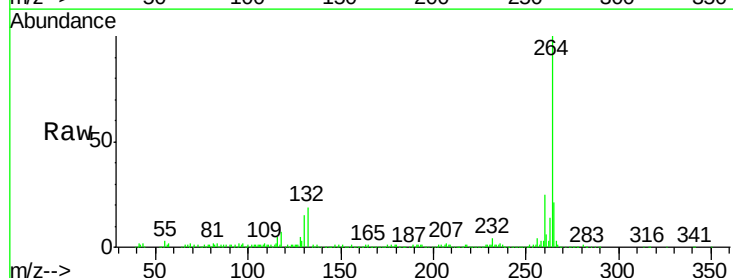
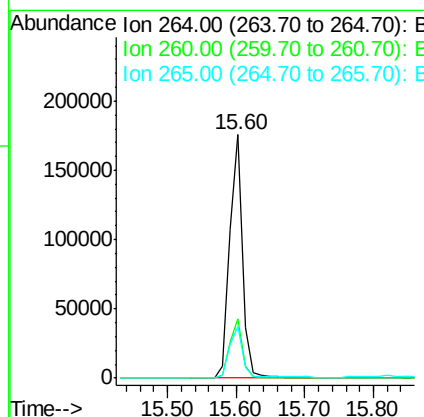
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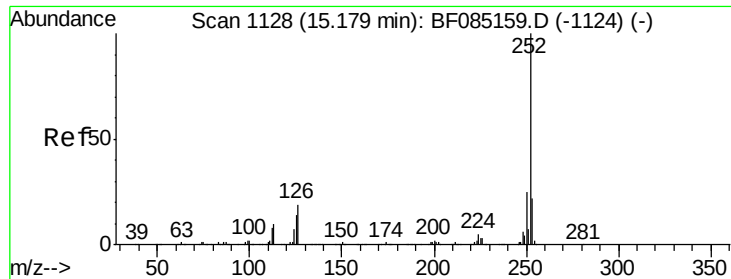
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085241.D
Acq: 5 Mar 2016 9:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.3	17.3	25.9





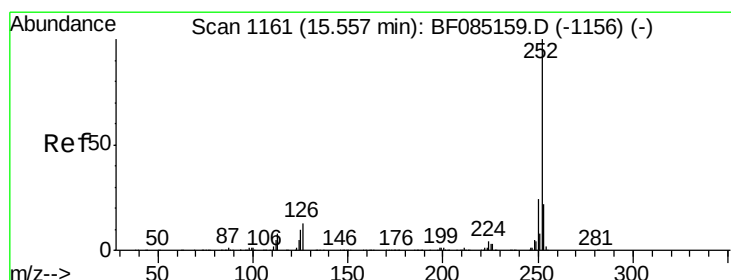
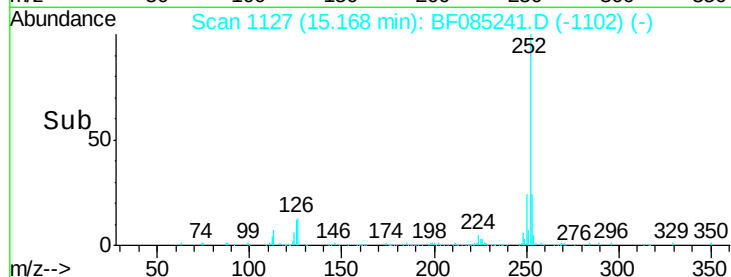
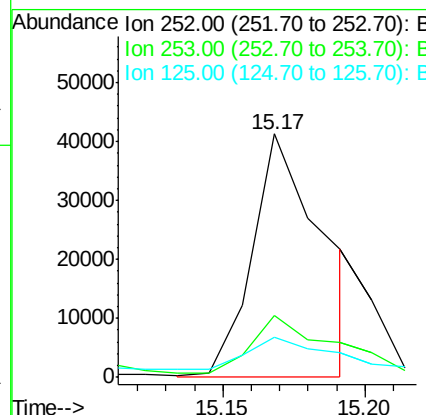
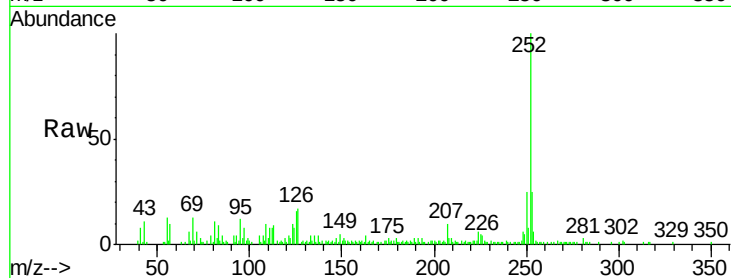
#87
Benzo(b)fluoranthene
Concen: 4.54 ng m
RT: 15.17 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF085241.D
Acq: 5 Mar 2016 9:06

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP(0.0-5.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.6
125	16.4	11.3	16.9

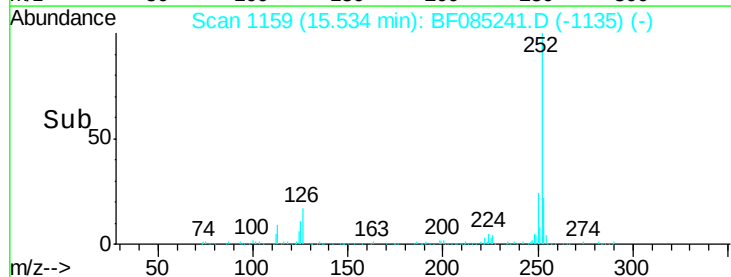
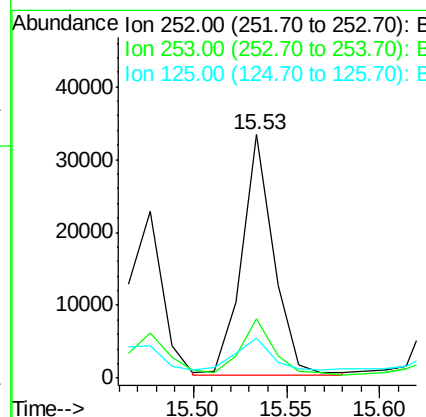
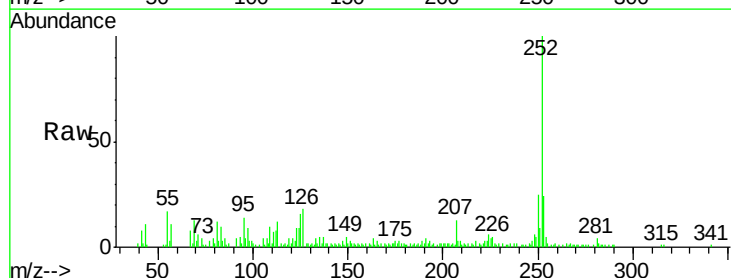
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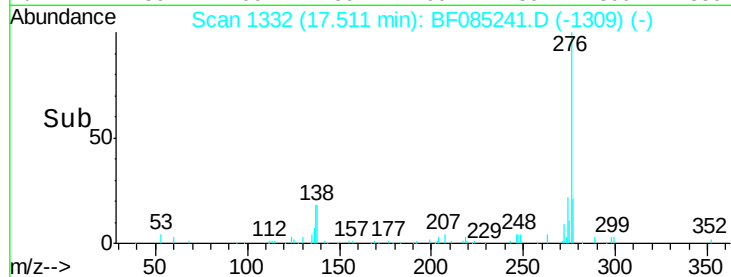
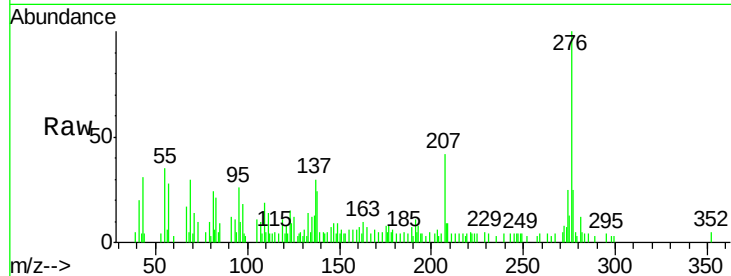
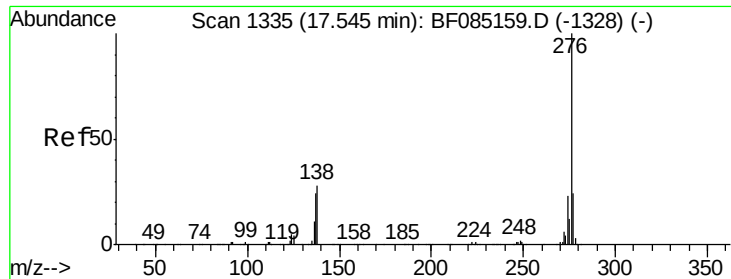
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#89
Benzo(a)pyrene
Concen: 3.10 ng
RT: 15.53 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF085241.D
Acq: 5 Mar 2016 9:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	16.3	8.2	12.4#





#91

Benzo(a,h,i)perylene

Concen: 2.18 ng

RT: 17.51 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF085241.D

Acq: 5 Mar 2016 9:06

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP(0.0-5.5)

Tot Ion:	276	Resp:	24195
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.0	28.4
138	24.1	22.5	33.7

Manual Integrations
APPROVED

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3/7/2016 9:33:29 AM

