

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087406.D
 Acq On : 26 May 2016 10:58
 Operator : UM/SJ
 Sample : H3220-22
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-39-COMP

Manual Integrations
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Quant Time: May 26 15:53:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	103635	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	392417	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	157203	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	242353	20.00	ng	0.00
75) Chrysene-d12	18.47	240	214528	20.00	ng	-0.01
86) Perylene-d12	20.14	264	152012	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	762902	129.35	ng	0.02
7) Phenol-d6	7.08	99	1016174	127.51	ng	0.01
23) Nitrobenzene-d5	8.43	82	648448	83.28	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	149600	99.03	ng	-0.01
44) 2-Fluorobiphenyl	11.32	172	978502	87.75	ng	-0.01
78) Terphenyl-d14	17.13	244	669060	66.30	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.02	163	108514	8.62	ng	100
74) Fluoranthene	16.57	202	66586	4.95	ng	98
77) Pyrene	16.88	202	64927	4.20	ng	97
80) Benzo(a)anthracene	18.46	228	37816	3.10	ng	97
82) Chrysene	18.50	228	35664	2.94	ng	99
83) Bis(2-ethylhexyl)phthalate	18.54	149	32359	3.24	ng	95
87) Benzo(b)fluoranthene	19.74	252	54096m	5.59	ng	
89) Benzo(a)pyrene	20.09	252	30764	3.67	ng	97
91) Benzo(g,h,i)perylene	21.74	276	18098	2.57	ng	# 89

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

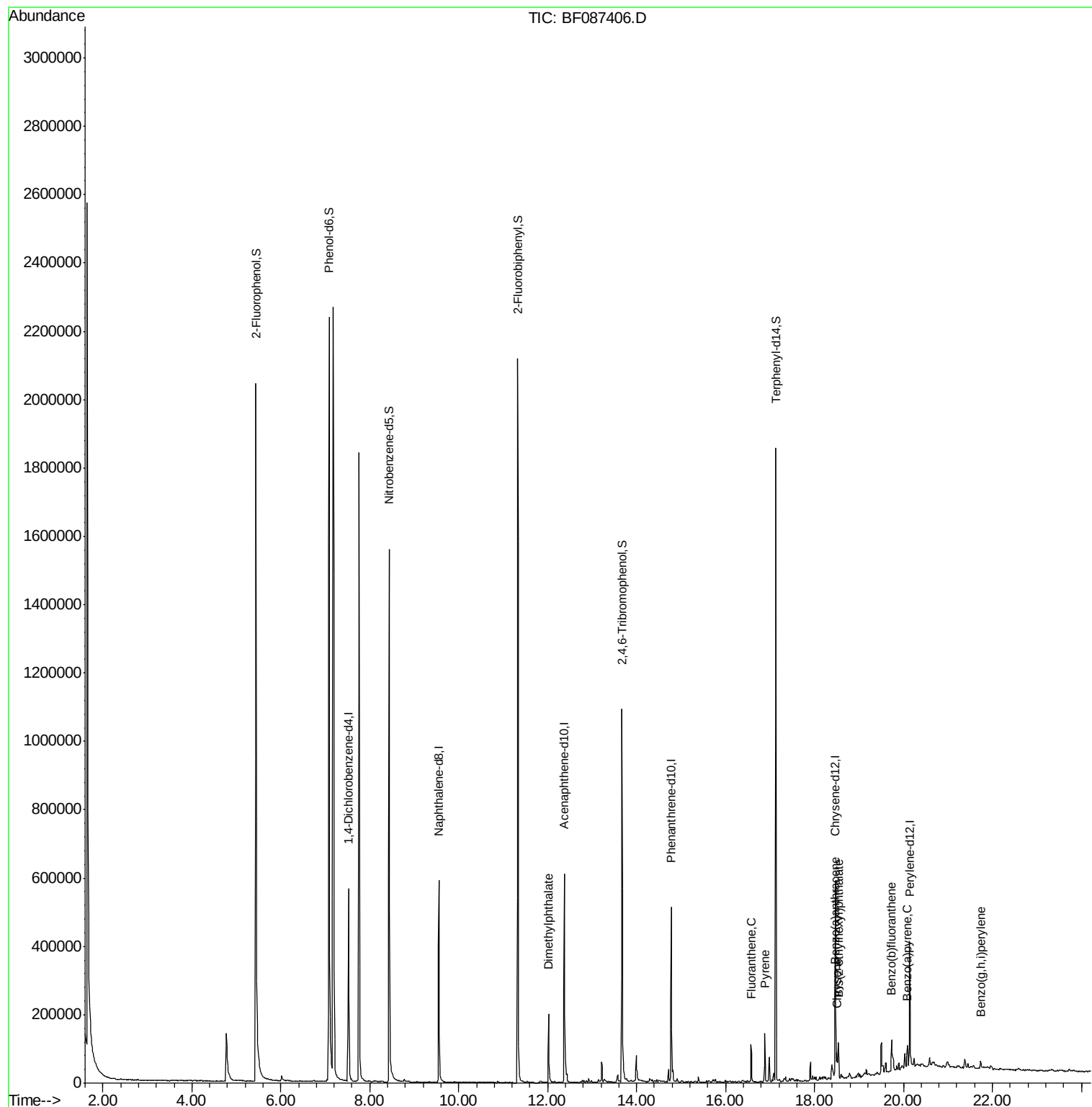
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087406.D
Acq On : 26 May 2016 10:58
Operator : UM/SJ
Sample : H3220-22
Misc :
ALS Vial : 39 Sample Multiplier: 1

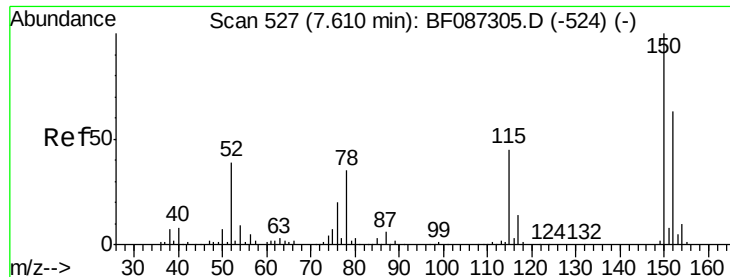
Instrument :
BNA_F
ClientSampleId :
SB-39-COMP

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#1

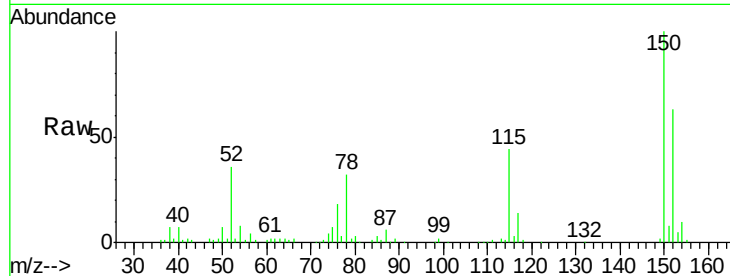
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087406.D
Acq: 26 May 2016 10:58

Instrument :
BNA_F
ClientSampleId :
SB-39-COMP

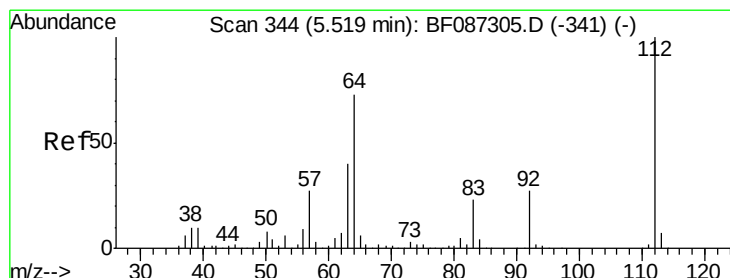
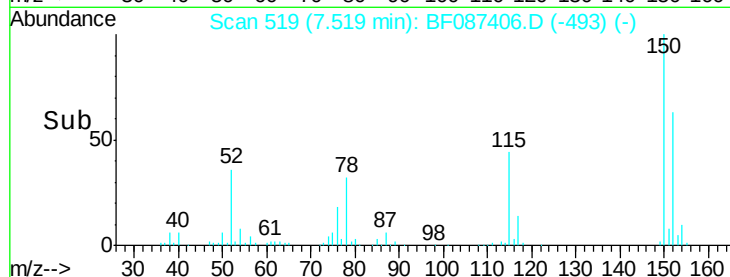
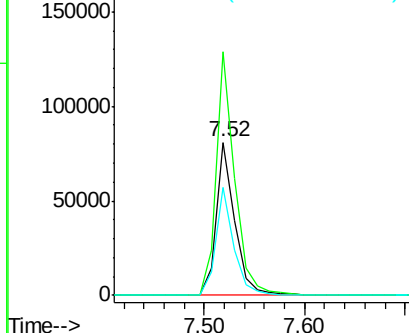
Tot Ion	Ratio	Resp	Lower	Upper
152	100			
150	159.0	125.8	188.6	
115	70.6	51.5	77.3	

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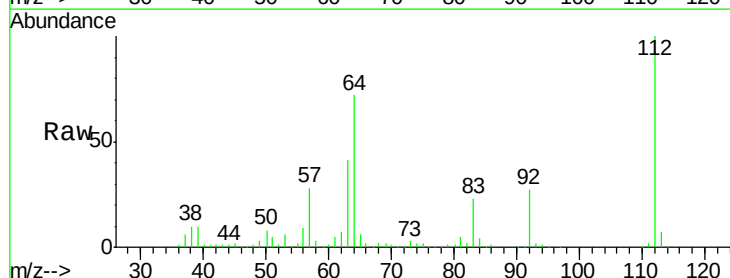
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



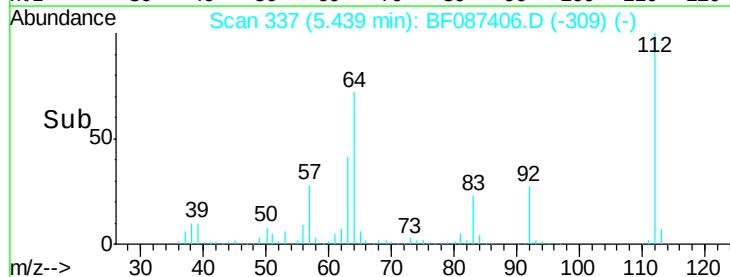
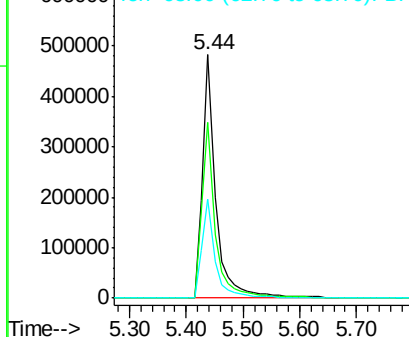
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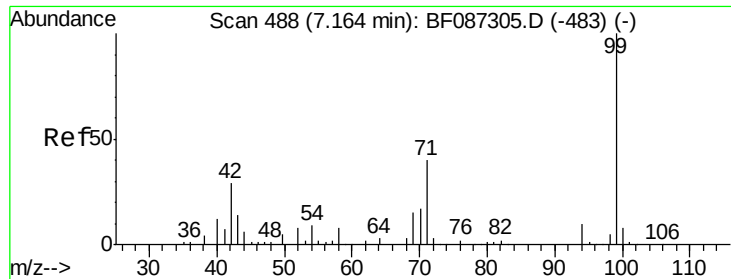
2-Fluorophenol
Concen: 129.35 ng
RT: 5.44 min Scan# 337
Delta R.T. 0.02 min
Lab File: BF087406.D
Acq: 26 May 2016 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
64	72.4	52.1	78.1	
63	40.5	25.7	38.5	



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.51 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF087406.D

Acq: 26 May 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SB-39-COMP

Tot Ion: 99 Resp: 1016174

Ion Ratio Lower Upper

99 100

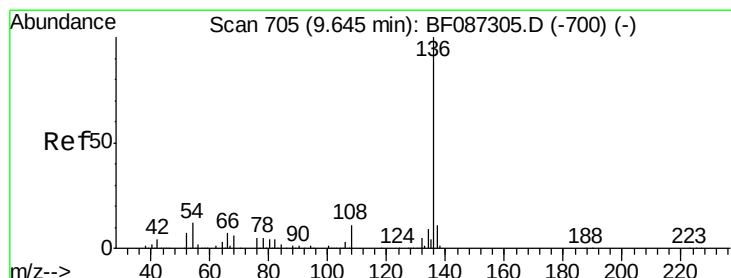
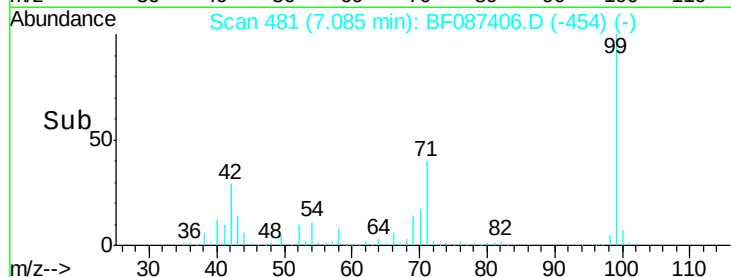
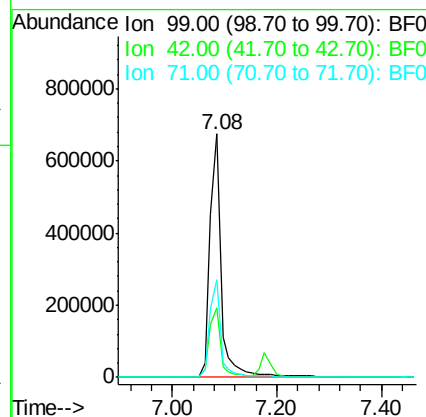
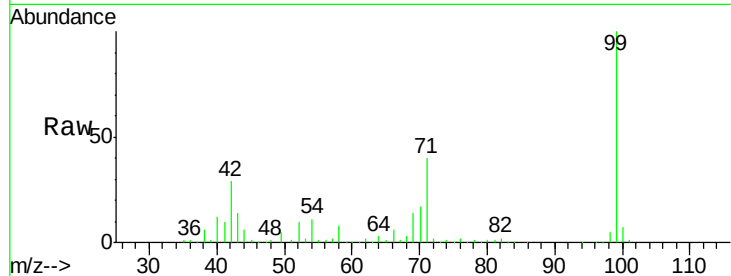
42 28.7 13.6 20.4#

71 40.1 24.6 36.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087406.D

Acq: 26 May 2016 10:58

Tgt Ion: 136 Resp: 392417

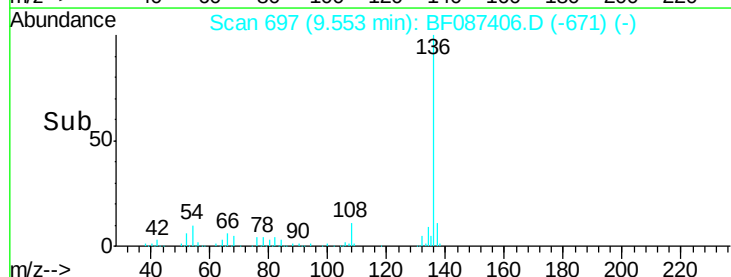
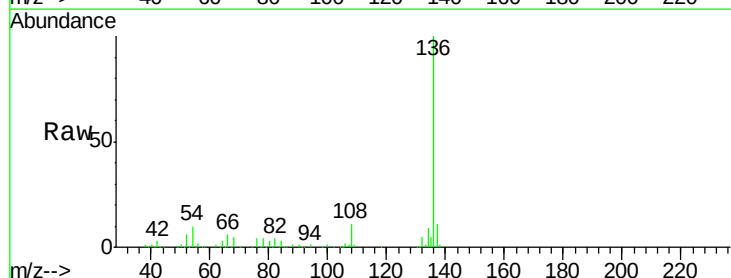
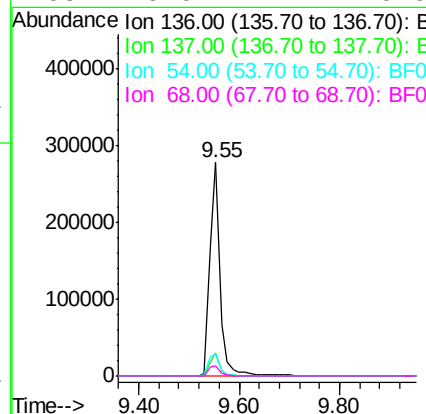
Ion Ratio Lower Upper

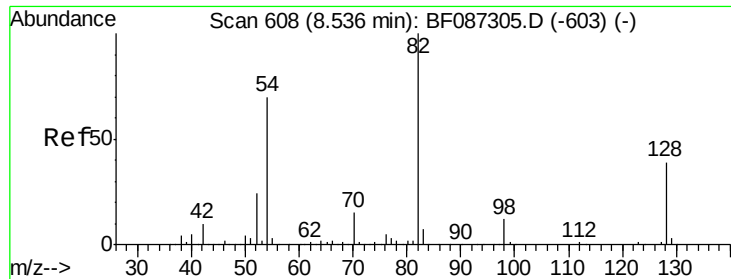
136 100

137 10.7 8.8 13.2

54 10.2 5.0 7.4#

68 5.0 4.4 6.6





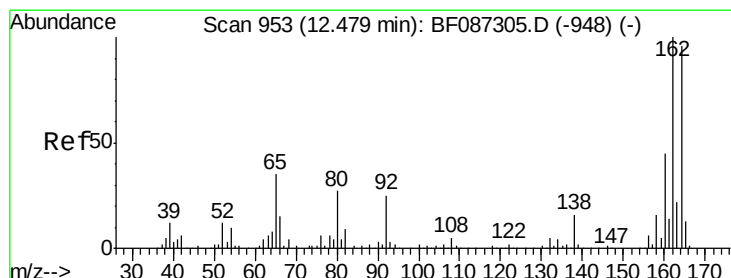
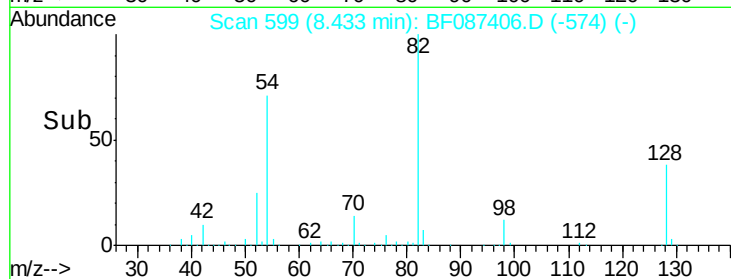
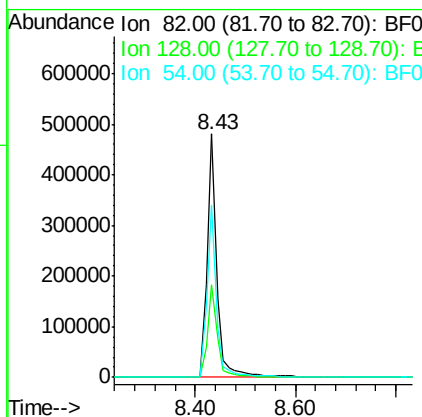
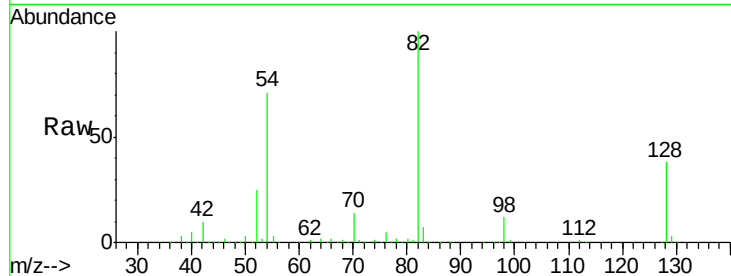
#23
 Nitrobenzene-d5
 Concen: 83.28 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF087406.D
 Acq: 26 May 2016 10:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-39-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	648448		
128	38.0		40.6	61.0#
54	70.9		38.1	57.1#

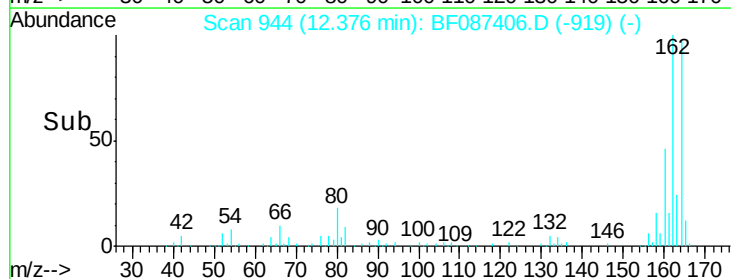
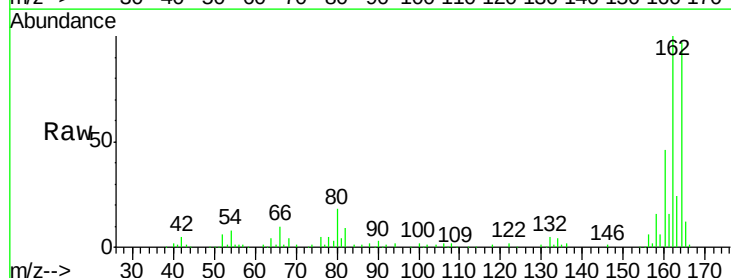
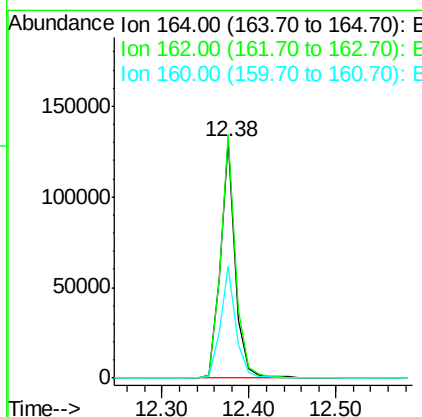
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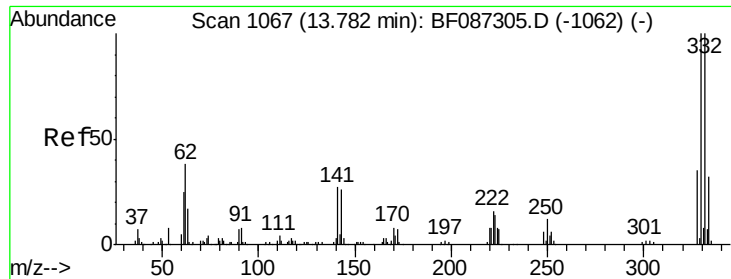
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087406.D
 Acq: 26 May 2016 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	157203		
162	102.8		82.8	124.2
160	47.1		36.9	55.3





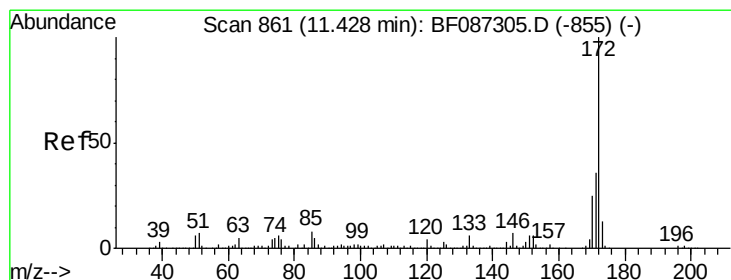
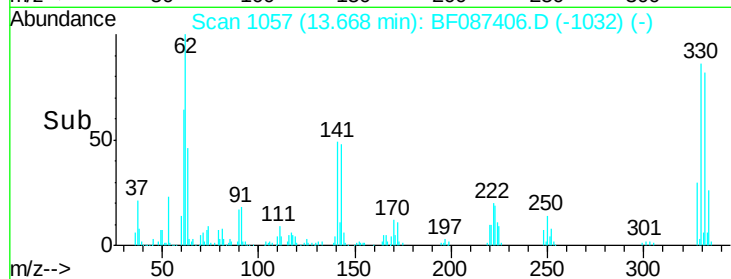
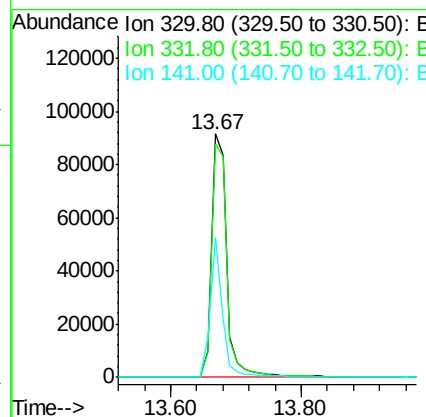
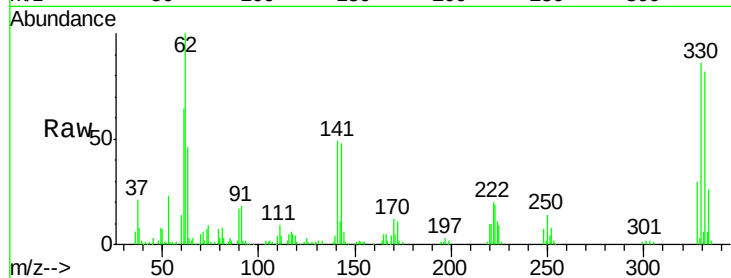
#41
 2,4,6-Tribromophenol
 Concen: 99.03 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087406.D
 Acq: 26 May 2016 10:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-39-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	149600		
332	97.0	79.0	118.4	
141	46.4	31.2	46.8	

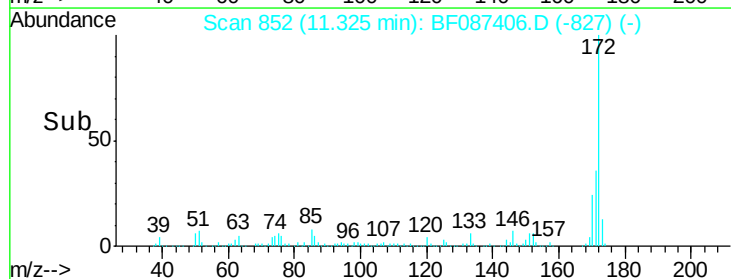
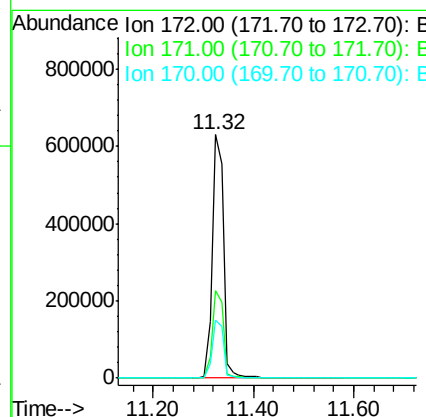
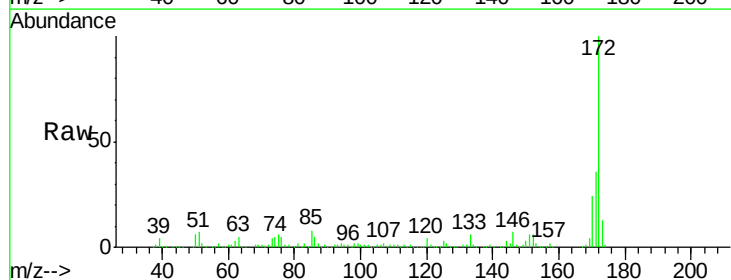
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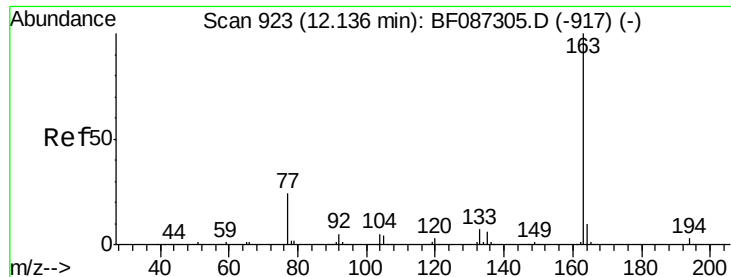
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#44
 2-Fluorobiphenyl
 Concen: 87.75 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF087406.D
 Acq: 26 May 2016 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	978502		
171	35.9	29.0	43.6	
170	24.0	19.8	29.8	





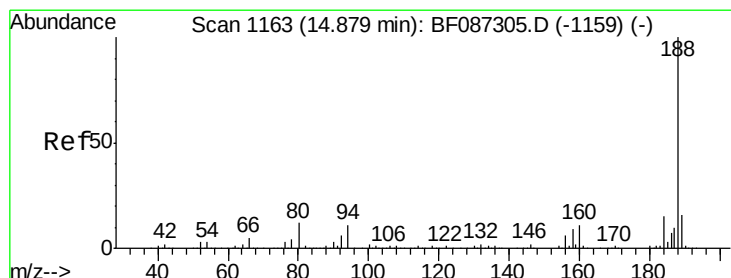
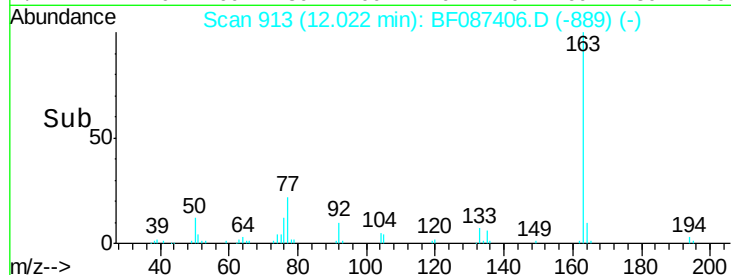
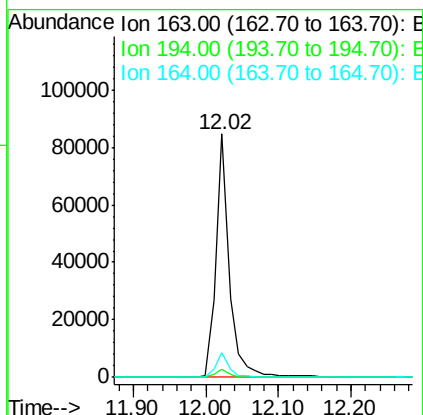
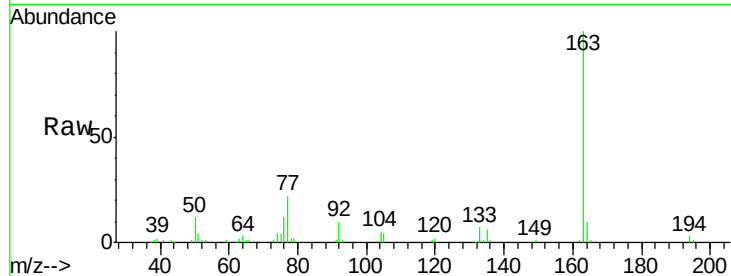
#49
Dimethylphthalate
Concen: 8.62 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087406.D
Acq: 26 May 2016 10:58

Instrument :
BNA_F
ClientSampleId :
SB-39-COMP

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.4	8.2	12.4

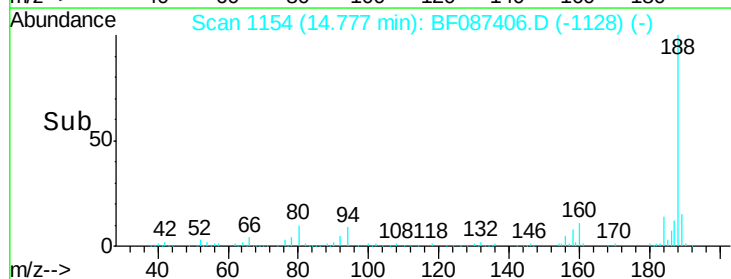
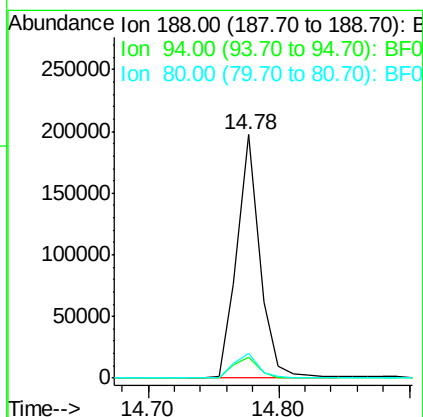
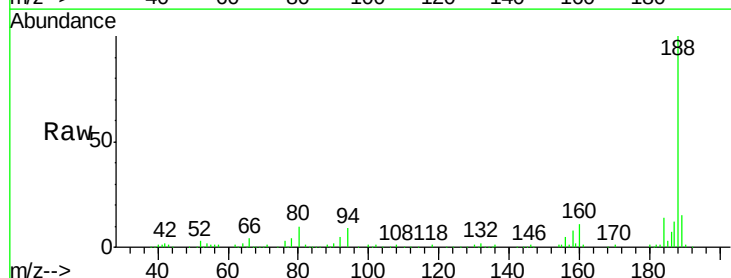
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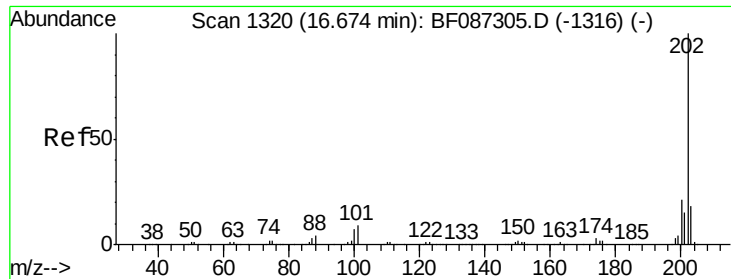
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087406.D
Acq: 26 May 2016 10:58

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.9	7.1	10.7





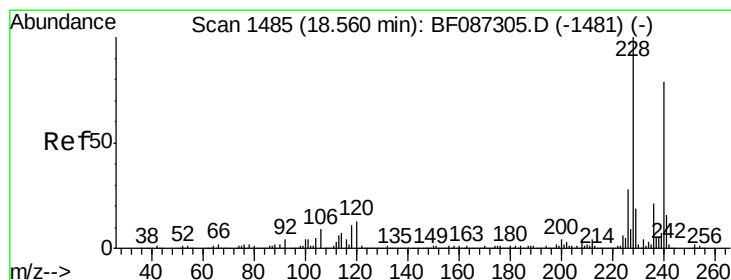
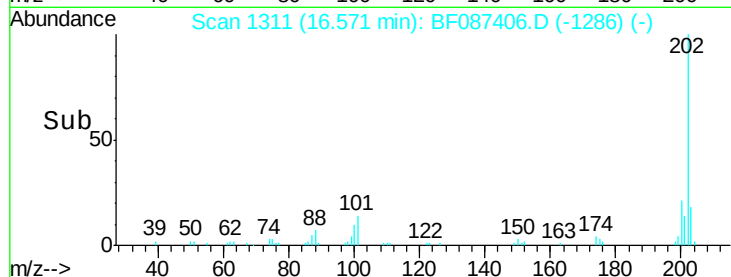
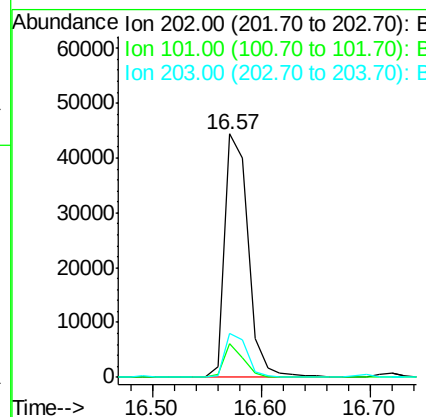
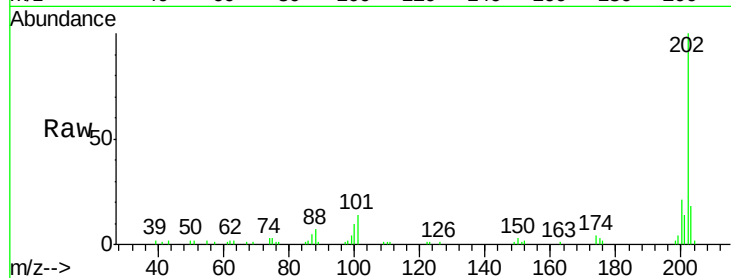
#74
 Fluoranthene
 Concen: 4.95 ng
 RT: 16.57 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF087406.D
 Acq: 26 May 2016 10:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-39-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	35.4
203	18.1	0.0	38.1

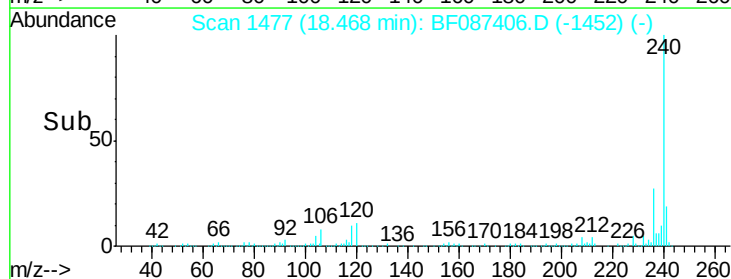
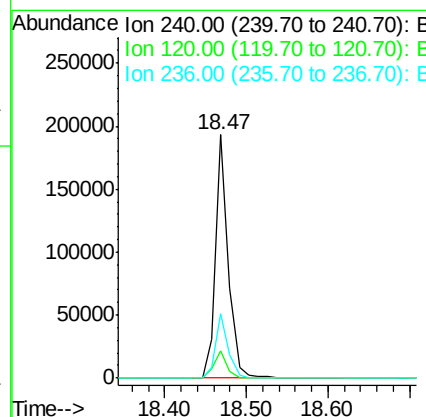
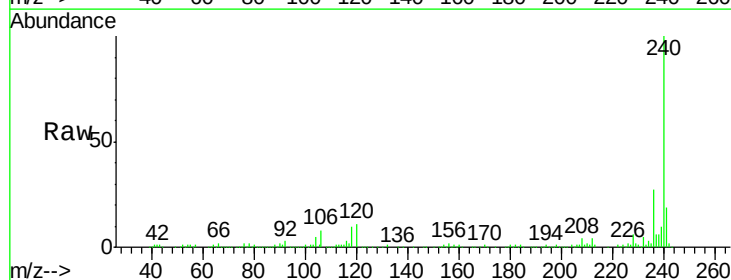
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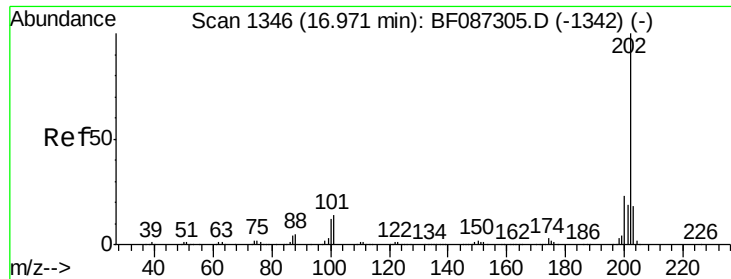
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF087406.D
 Acq: 26 May 2016 10:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	11.2	16.8
236	26.5	21.2	31.8





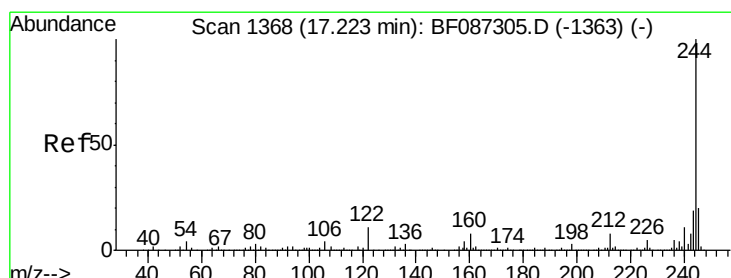
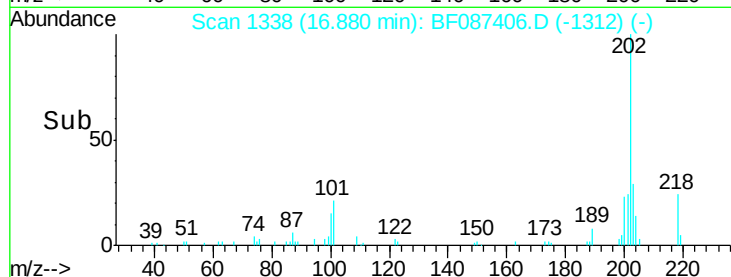
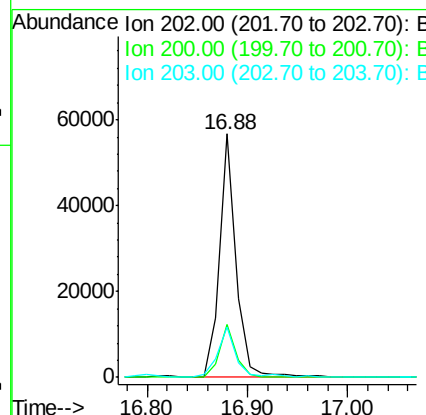
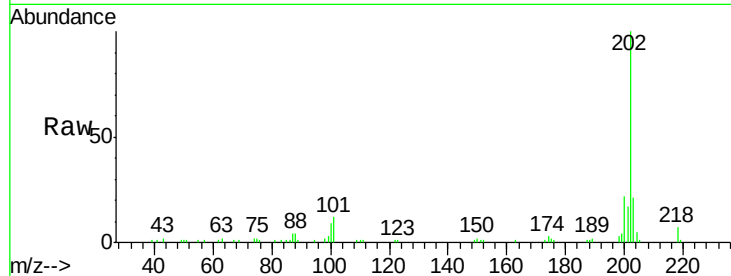
#77
Pvrene
Concen: 4.20 ng
RT: 16.88 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF087406.D
Acq: 26 May 2016 10:58

Instrument :
BNA_F
ClientSampleId :
SB-39-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	20.6	14.2	21.4

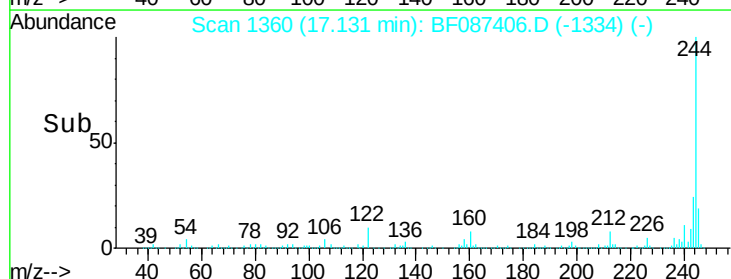
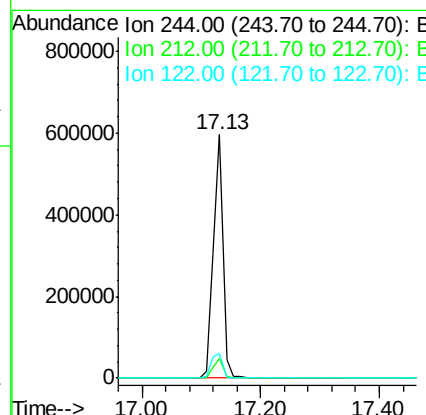
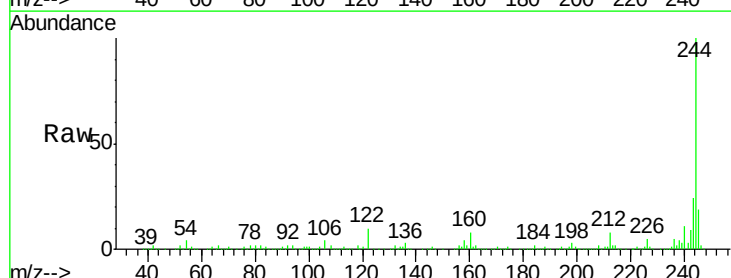
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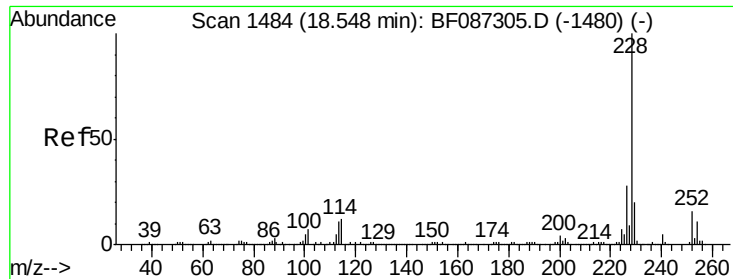
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#78
Terphenyl-d14
Concen: 66.30 ng
RT: 17.13 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF087406.D
Acq: 26 May 2016 10:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	10.0	12.0	18.0#





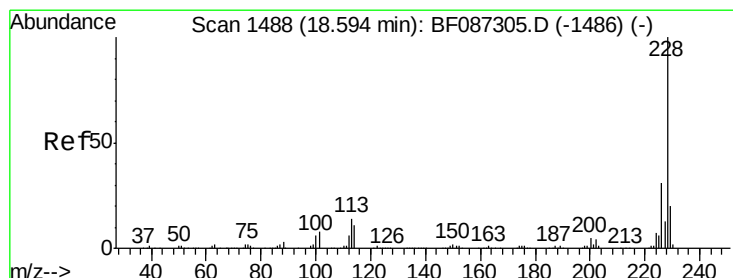
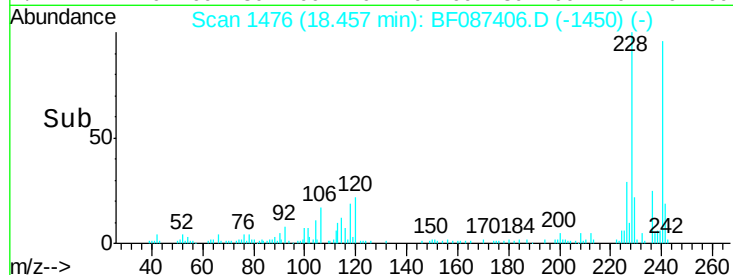
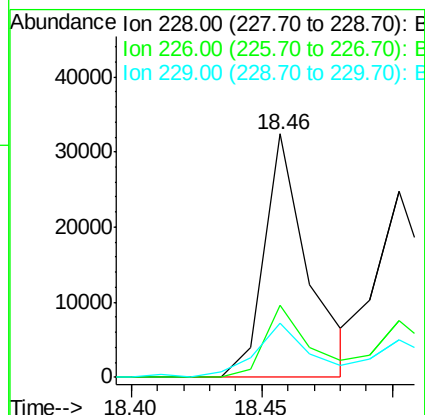
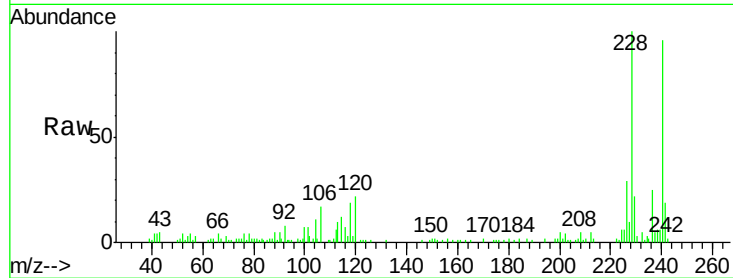
#80
Benzo(a)anthracene
Concen: 3.10 ng
RT: 18.46 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF087406.D
Acq: 26 May 2016 10:58

Instrument :
BNA_F
ClientSampleId :
SB-39-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.5	33.7
229	22.5	16.6	25.0

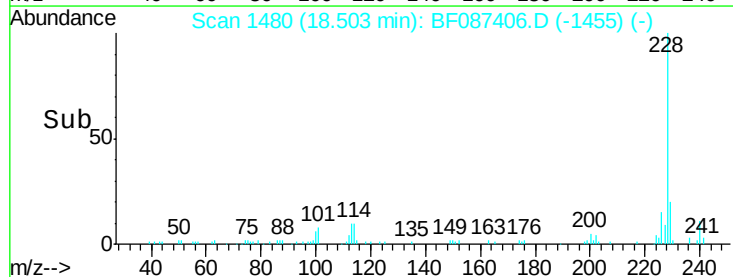
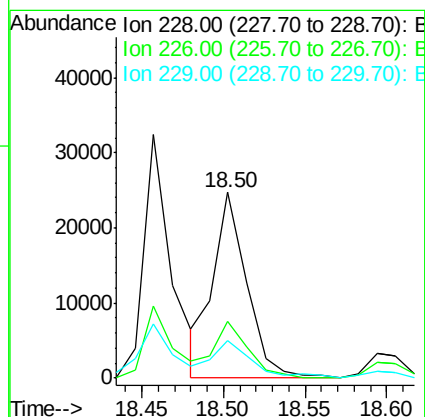
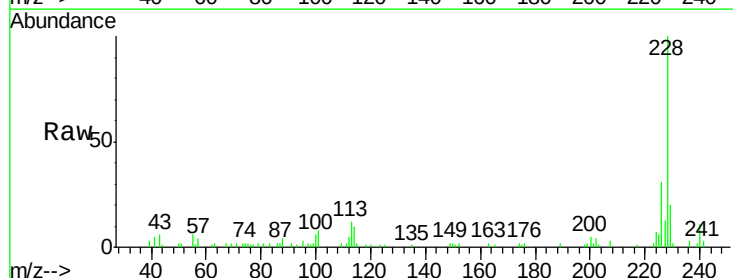
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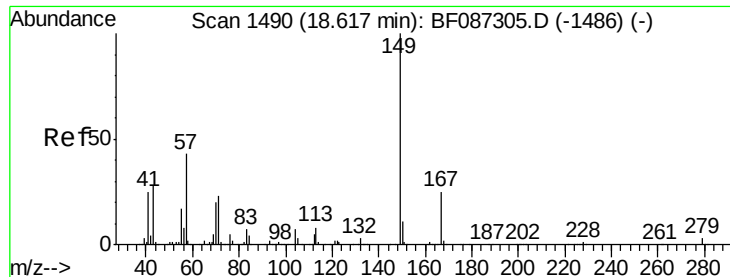
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#82
Chrysene
Concen: 2.94 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087406.D
Acq: 26 May 2016 10:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	20.3	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.24 ng

RT: 18.54 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF087406.D

Acq: 26 May 2016 10:58

Instrument :

BNA_F

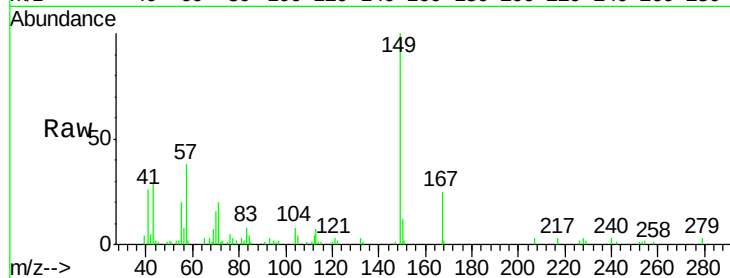
ClientSampleId :

SB-39-COMP

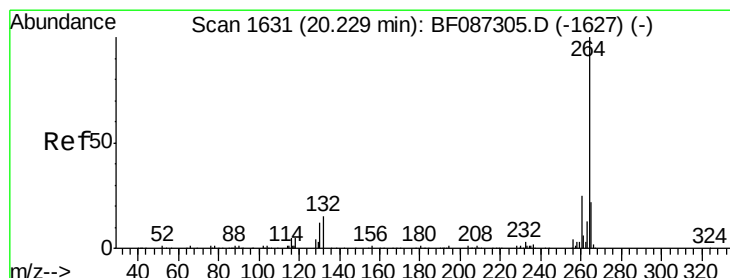
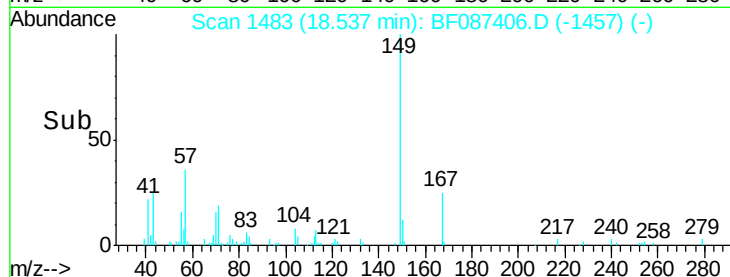
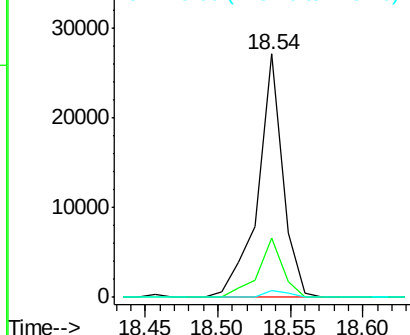
Tot Ion:	149	Resp:	32359
Ion Ratio	Lower	Upper	
149	100		
167	24.5	21.8	32.6
279	2.6	2.6	4.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

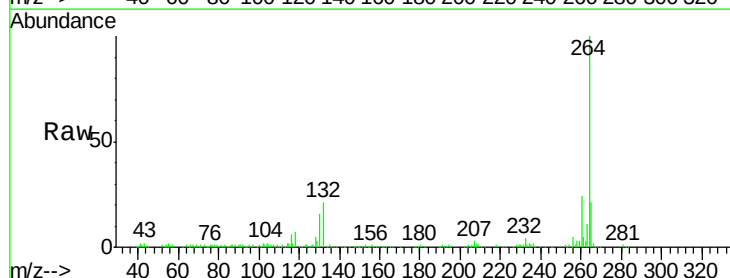
RT: 20.14 min Scan# 1623

Delta R.T. 0.00 min

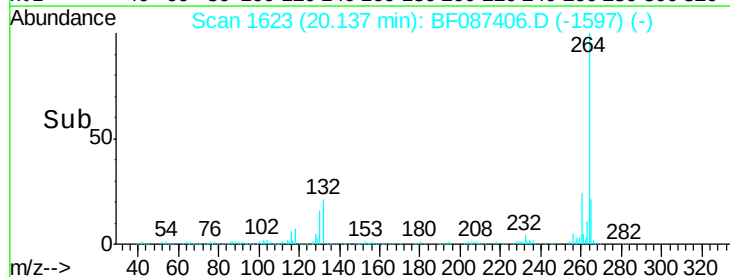
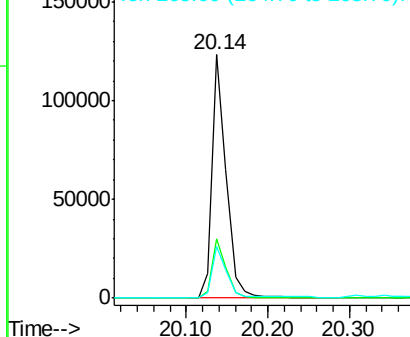
Lab File: BF087406.D

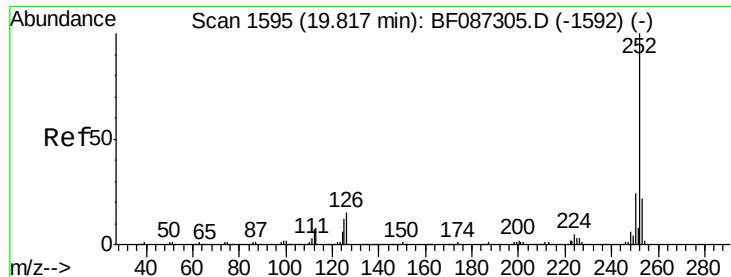
Acq: 26 May 2016 10:58

Tgt Ion:	264	Resp:	152012
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	21.2	17.3	25.9



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





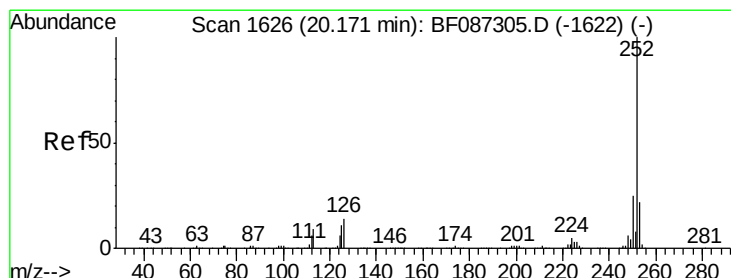
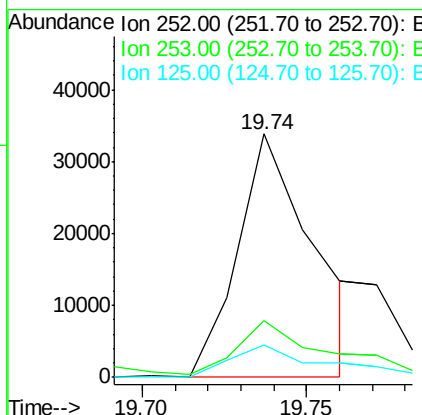
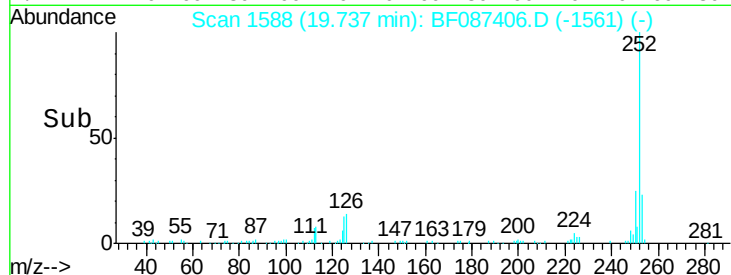
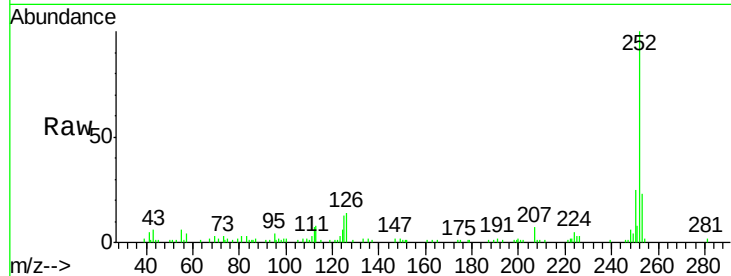
#87
Benzo(b)fluoranthene
Concen: 5.59 ng m
RT: 19.74 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF087406.D
Acq: 26 May 2016 10:58

Instrument :
BNA_F
ClientSampleId :
SB-39-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	13.2	11.4	17.0

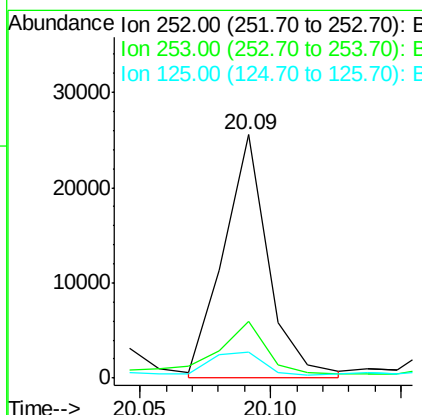
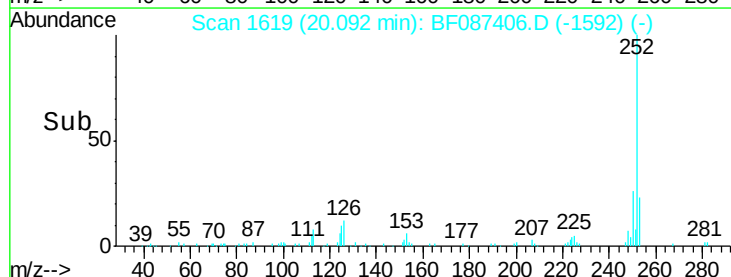
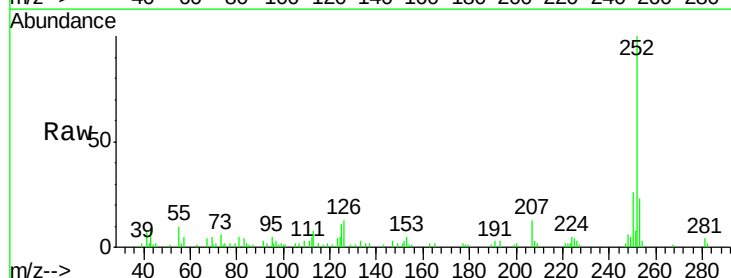
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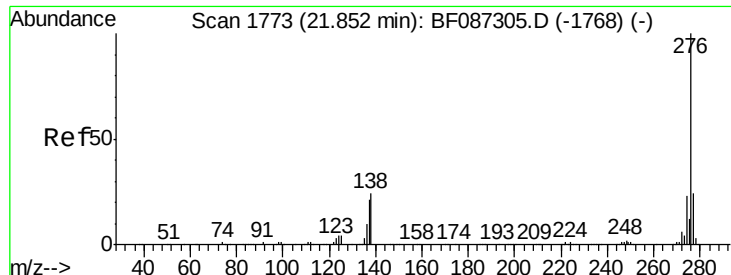
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#89
Benzo(a)pyrene
Concen: 3.67 ng
RT: 20.09 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BF087406.D
Acq: 26 May 2016 10:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	10.7	9.0	13.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.57 ng
 RT: 21.74 min Scan# 1763
 Delta R.T. 0.02 min
 Lab File: BF087406.D
 Acq: 26 May 2016 10:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-39-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.9	19.6	29.4#
138	23.6	23.6	35.4#

Manual Integrations
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