

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095966.D
 Acq On : 16 Jun 2017 20:50
 Operator : SJ/MA
 Sample : I3689-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAYWAY-SWITCH-A

Manual Integrations
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Quant Time: Jun 17 00:15:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	70106	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	291251	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	125879	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	211394	20.00	ng	0.00
75) Chrysene-d12	18.29	240	140289	20.00	ng	-0.01
86) Perylene-d12	19.96	264	144689	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	370418	84.19	ng	0.00
7) Phenol-d6	6.89	99	453740	86.15	ng	-0.02
23) Nitrobenzene-d5	8.24	82	257100	54.82	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	89926	80.74	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	523617	57.89	ng	0.00
78) Terphenyl-d14	16.94	244	329592	58.31	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.83	163	60816	6.36	ng	98
70) Phenanthrene	14.60	178	31547	2.59	ng	96
74) Fluoranthene	16.39	202	48540	4.02	ng	98
77) Pyrene	16.70	202	50384	4.81	ng	96
80) Benzo(a)anthracene	18.28	228	20391	2.50	ng	97
82) Chrysene	18.33	228	22976	2.82	ng	97
87) Benzo(b)fluoranthene	19.57	252	23919	2.64	ng	# 95
89) Benzo(a)pyrene	19.91	252	18631	2.24	ng	97

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

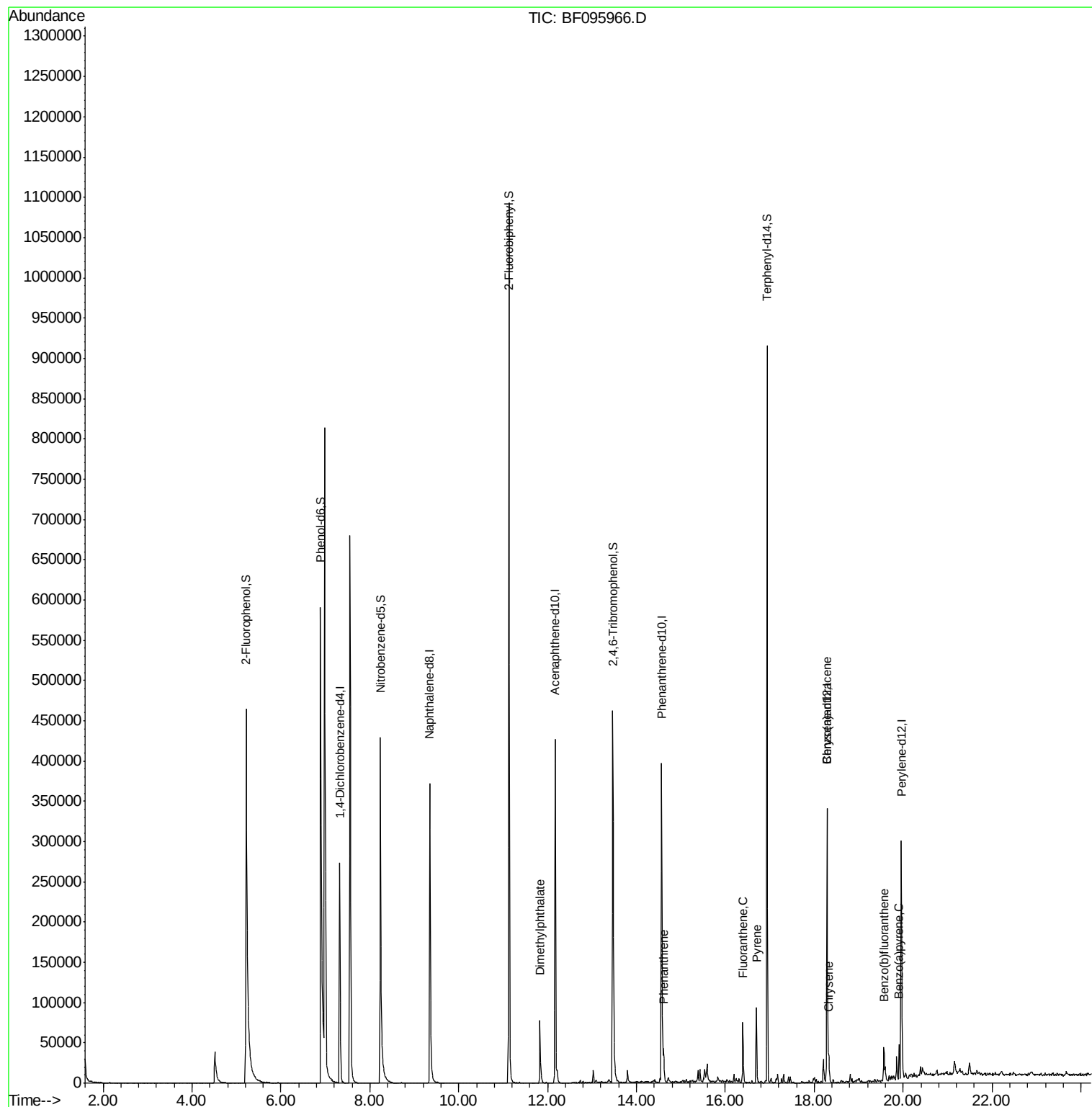
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095966.D
Acq On : 16 Jun 2017 20:50
Operator : SJ/MA
Sample : I3689-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

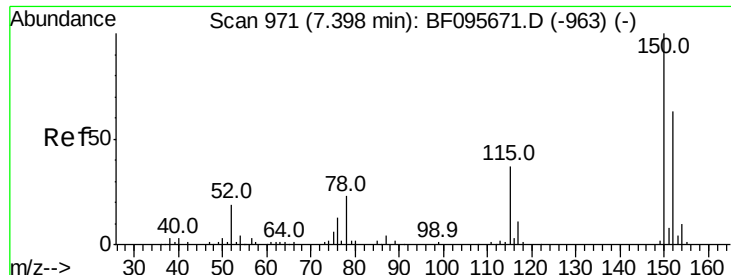
Instrument :
BNA_F
ClientSampleId :
BAYWAY-SWITCH-A

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Quant Time: Jun 17 00:15:03 2017
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#1

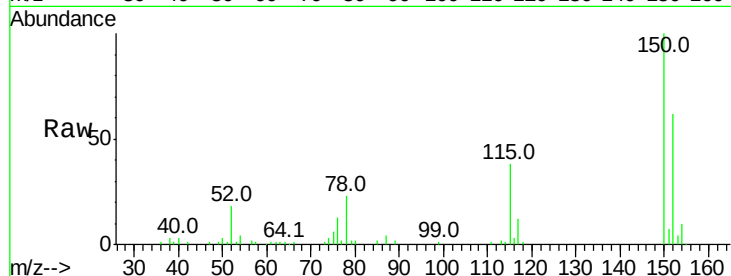
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095966.D
Acq: 16 Jun 2017 20:50

Instrument :
BNA_F
ClientSampleId :
BAYWAY-SWITCH-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.2	189.2
115	60.7	52.2	78.2

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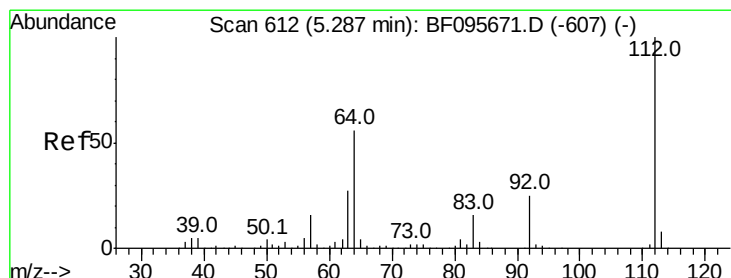
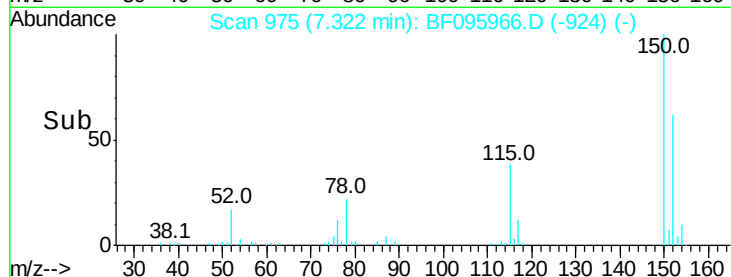
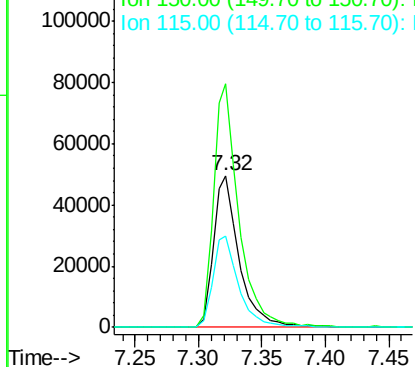


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

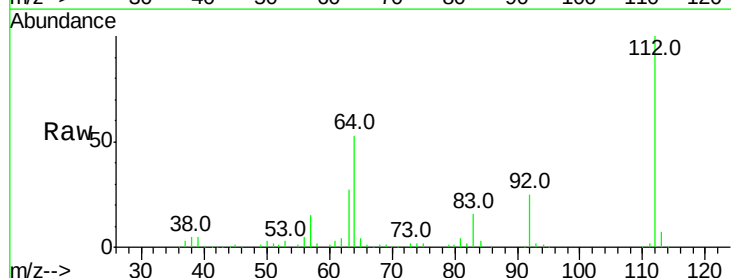
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 84.19 ng
RT: 5.22 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF095966.D
Acq: 16 Jun 2017 20:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.0	69.0
63	27.0	23.4	35.0

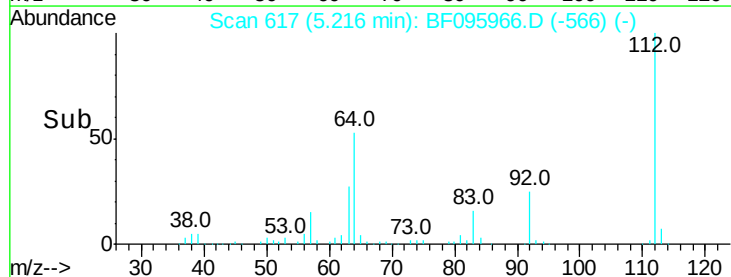
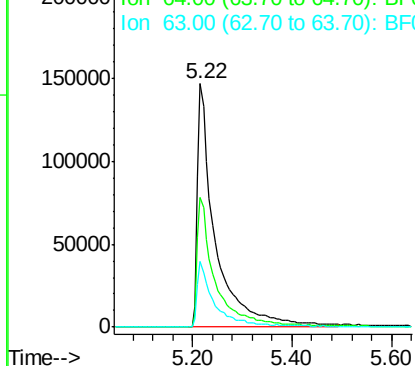


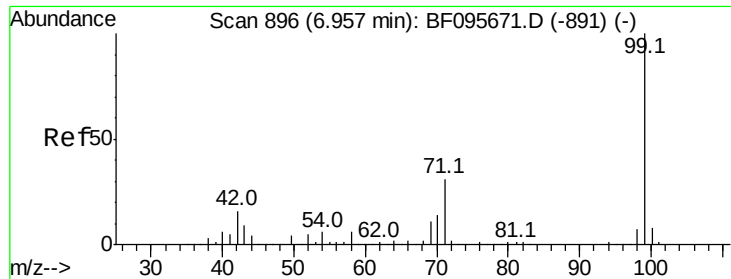
Abundance

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: 86.15 ng

RT: 6.89 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF095966.D

Acq: 16 Jun 2017 20:50

Instrument :

BNA_F

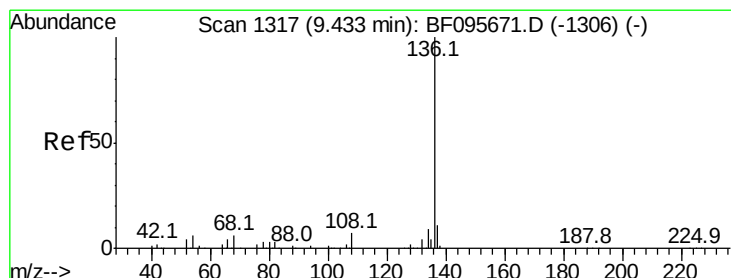
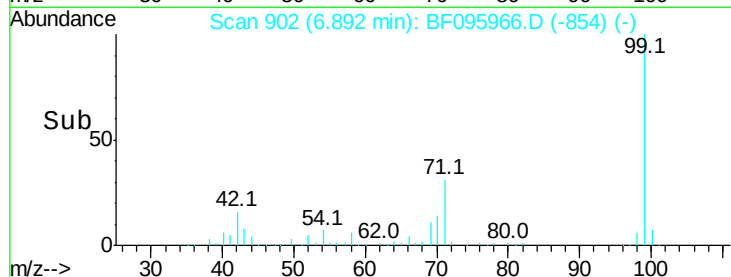
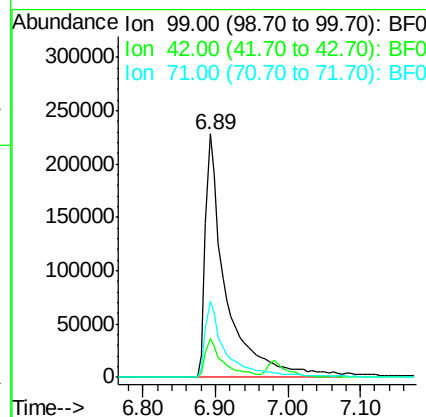
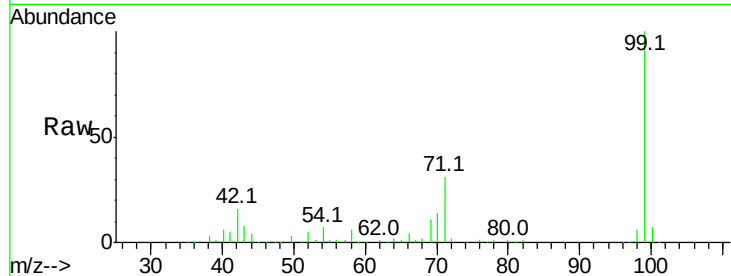
ClientSampleId :

BAYWAY-SWITCH-A

Tot Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	31.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

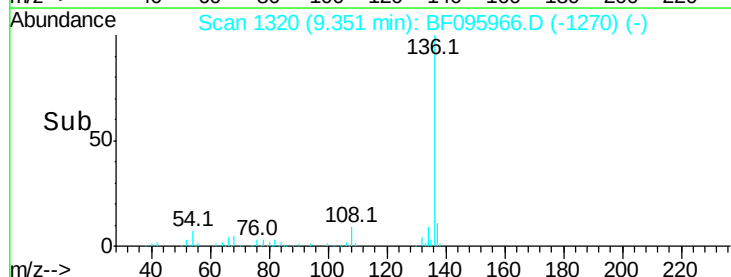
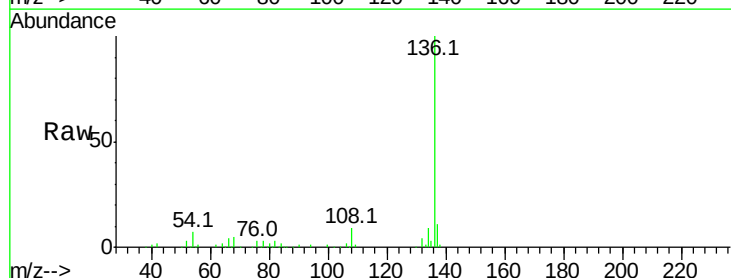
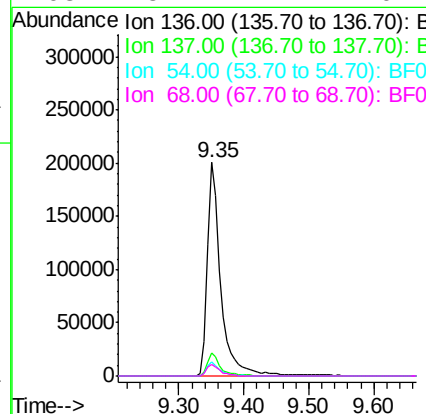
RT: 9.35 min Scan# 1320

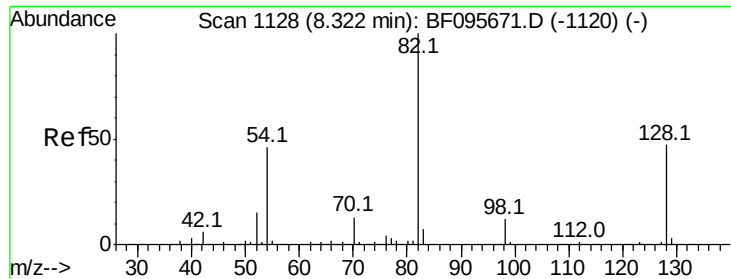
Delta R.T. -0.01 min

Lab File: BF095966.D

Acq: 16 Jun 2017 20:50

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.7	4.9	7.3
68	5.1	4.1	6.1





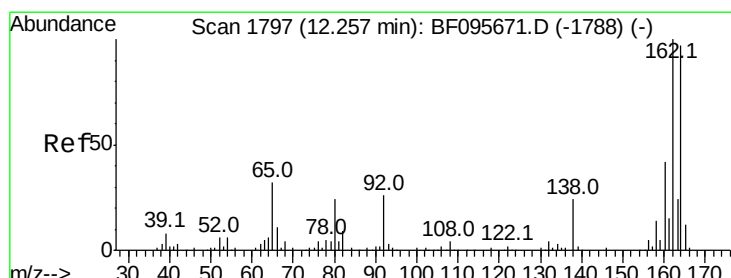
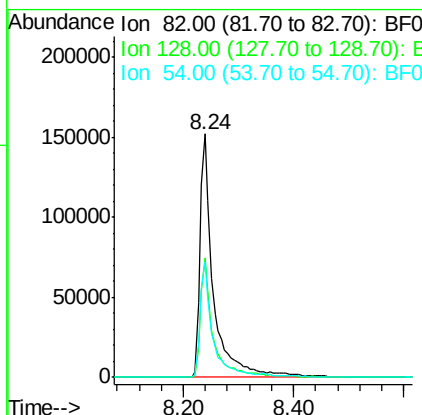
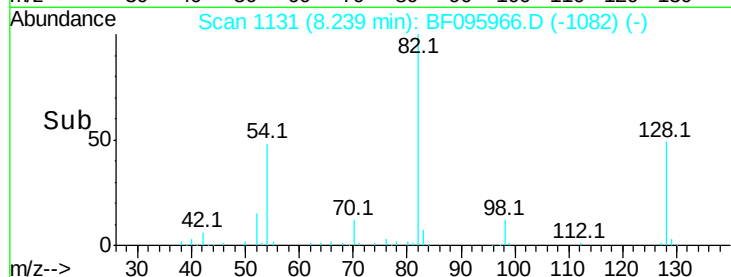
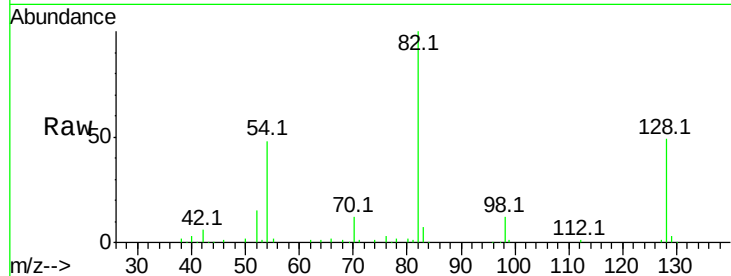
#23
 Nitrobenzene-d5
 Concen: 54.82 ng
 RT: 8.24 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF095966.D
 Acq: 16 Jun 2017 20:50

Instrument :
 BNA_F
 ClientSampleId :
 BAYWAY-SWITCH-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.2	34.0	51.0	
54	47.7	42.2	63.2	

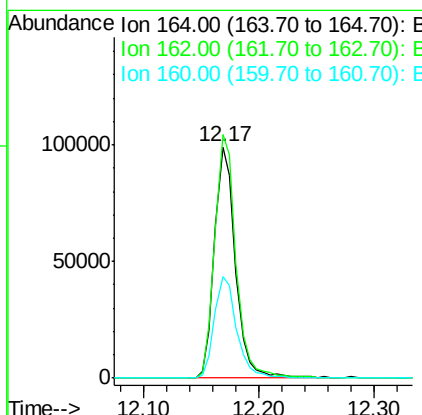
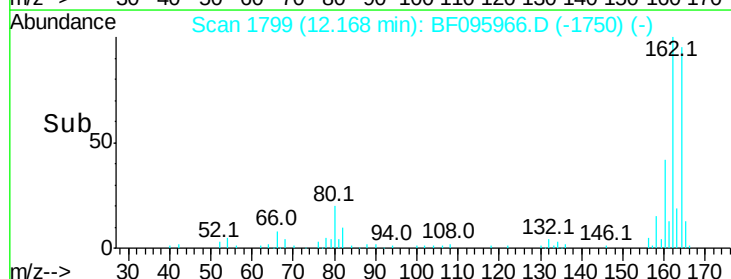
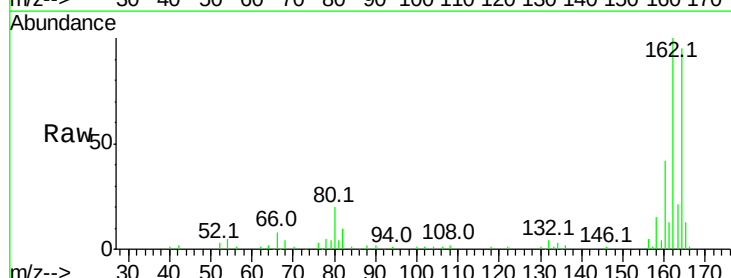
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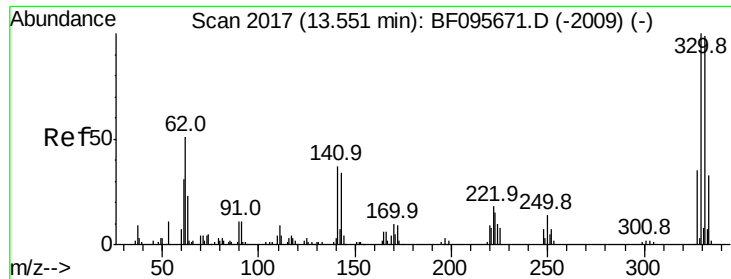
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF095966.D
 Acq: 16 Jun 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.3	82.6	123.8	
160	44.1	36.2	54.2	





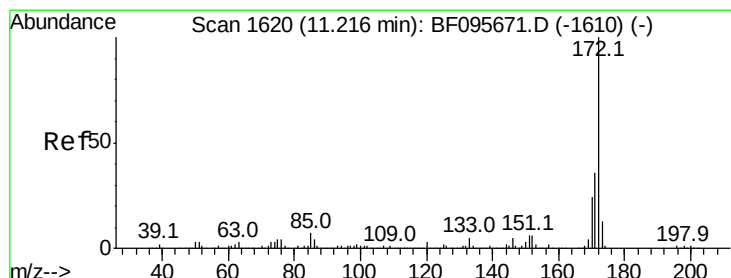
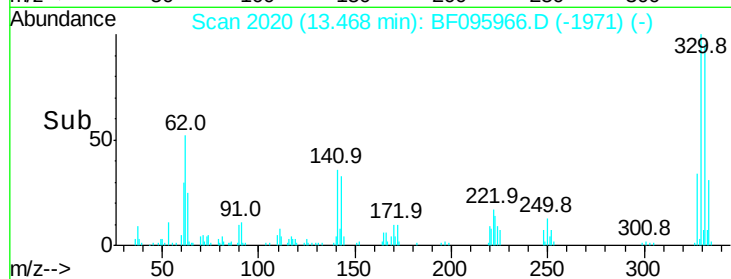
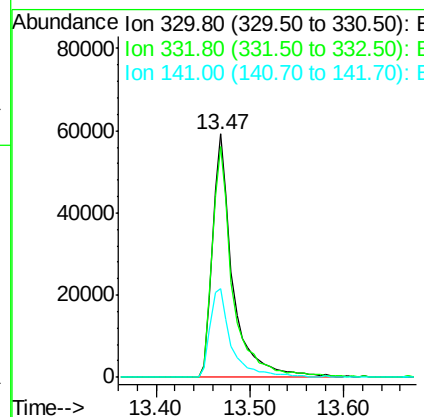
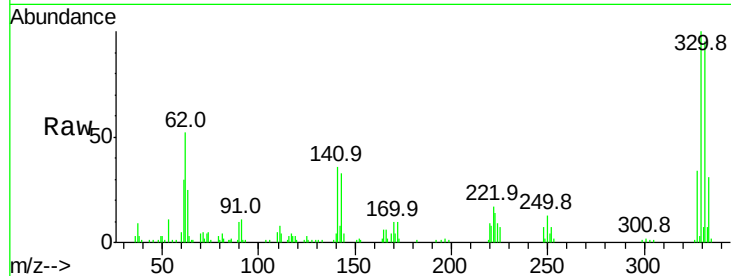
#41
 2,4,6-Tribromophenol
 Concen: 80.74 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095966.D
 Acq: 16 Jun 2017 20:50

Instrument :
 BNA_F
 ClientSampleId :
 BAYWAY-SWITCH-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	76.6	115.0	
141	37.9	31.4	47.2	

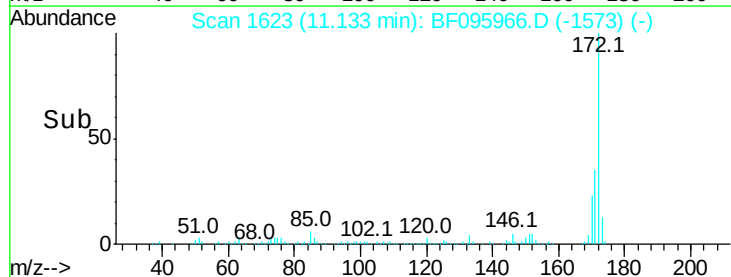
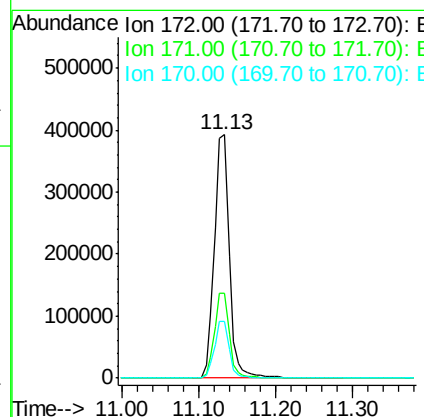
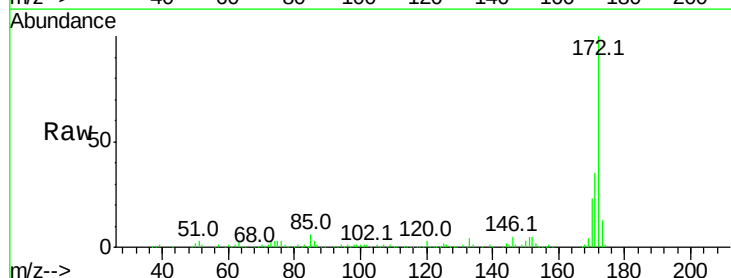
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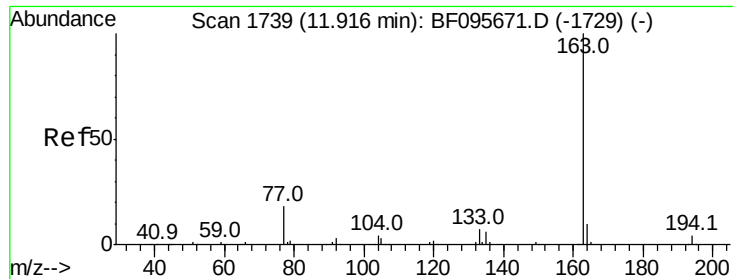
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#44
 2-Fluorobiphenyl
 Concen: 57.89 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095966.D
 Acq: 16 Jun 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.7	29.6	44.4	
170	23.5	19.8	29.8	





#49

Dimethylphthalate

Concen: 6.36 ng

RT: 11.83 min Scan# 1741

Delta R.T. -0.02 min

Lab File: BF095966.D

Acq: 16 Jun 2017 20:50

Instrument :

BNA_F

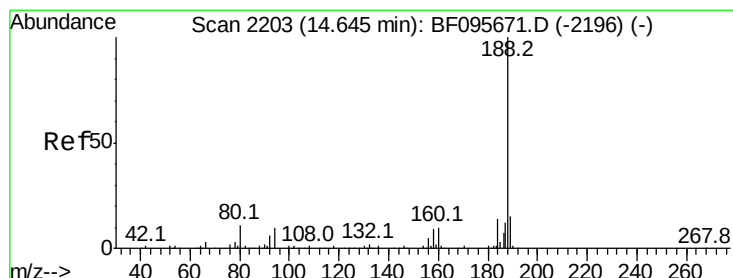
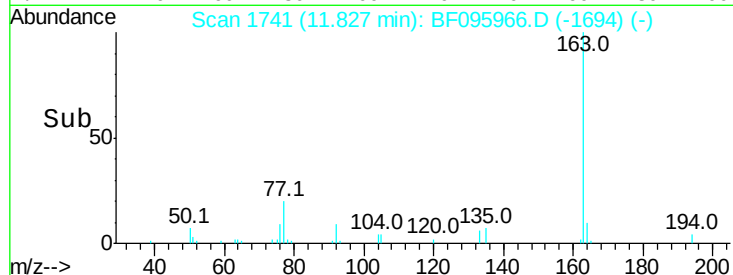
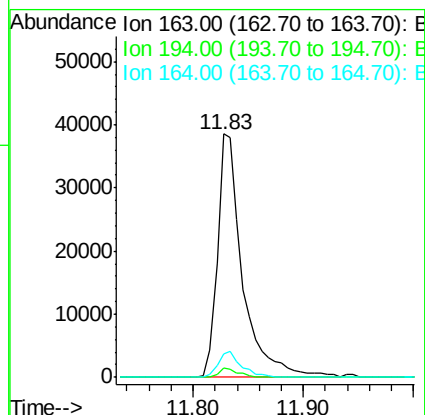
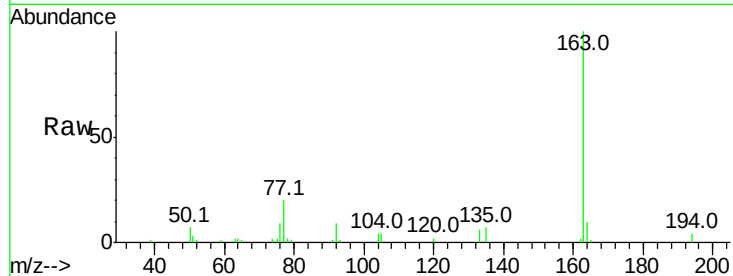
ClientSampleId :

BAYWAY-SWITCH-A

Tot Ion:	163	Resp:	60816
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	9.8	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.00 ng

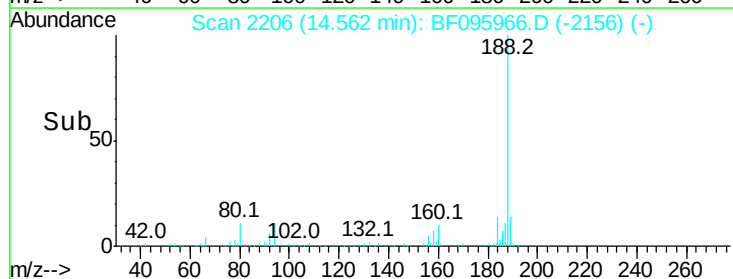
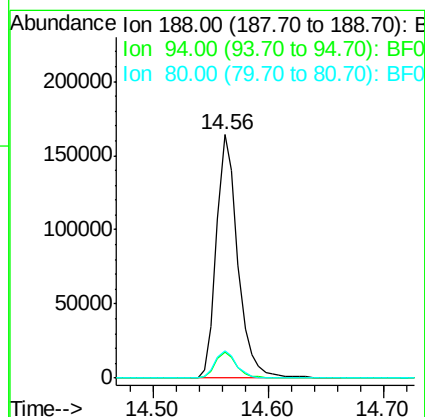
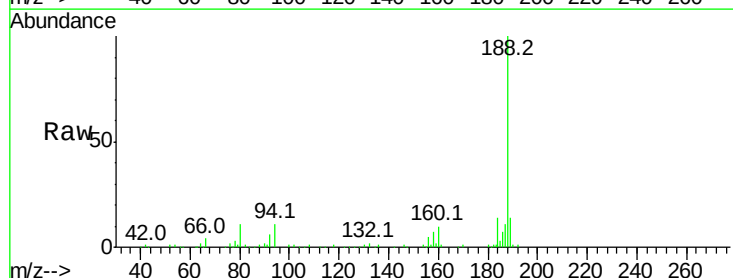
RT: 14.56 min Scan# 2206

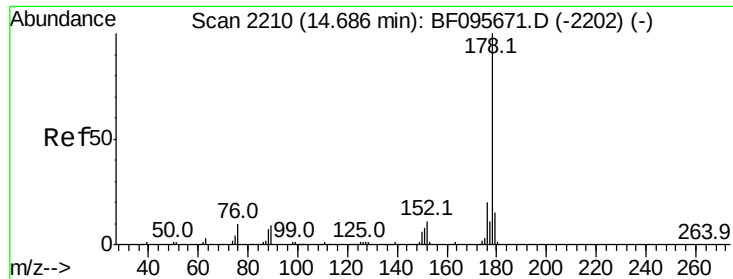
Delta R.T. -0.01 min

Lab File: BF095966.D

Acq: 16 Jun 2017 20:50

Tgt Ion:	188	Resp:	211394
Ion Ratio	Lower	Upper	
188	100		
94	10.8	9.4	14.2
80	11.4	10.2	15.2





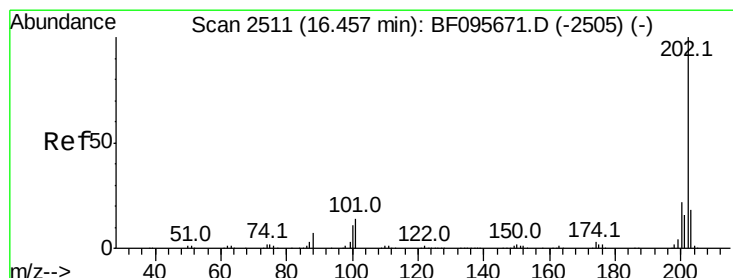
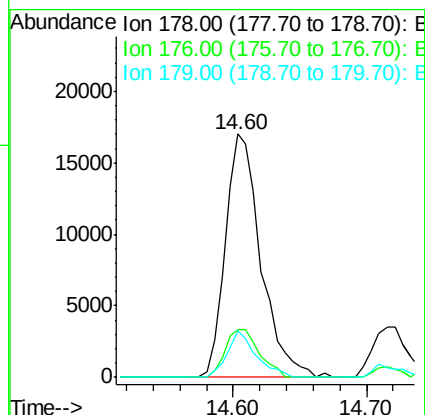
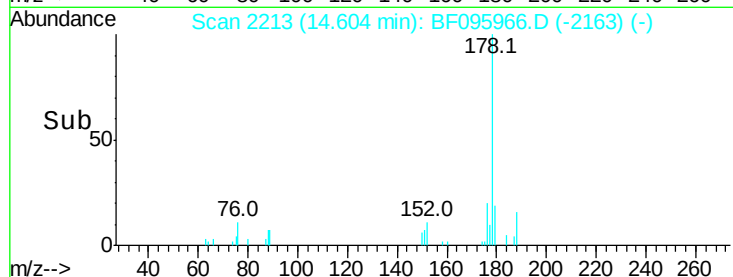
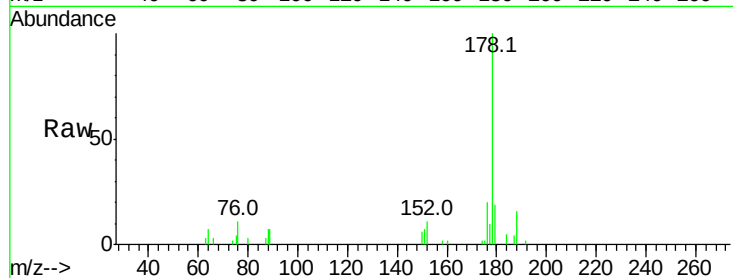
#70
Phenanthrene
Concen: 2.59 ng
RT: 14.60 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF095966.D
Acq: 16 Jun 2017 20:50

Instrument :
BNA_F
ClientSampleId :
BAYWAY-SWITCH-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	18.9	12.6	19.0

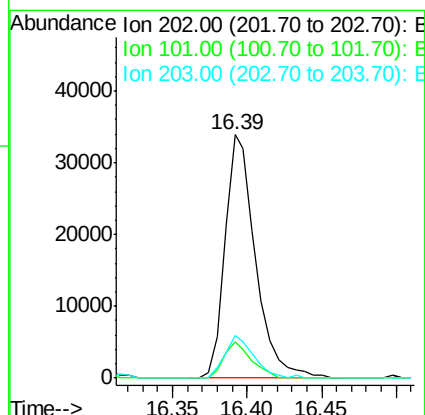
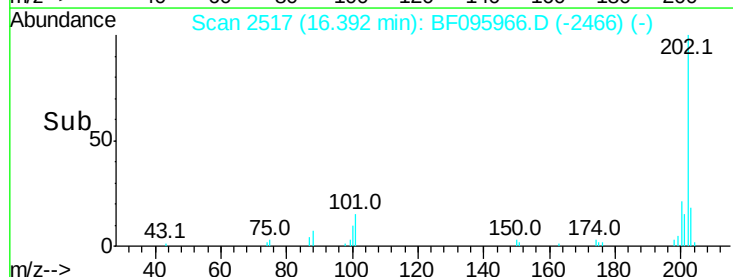
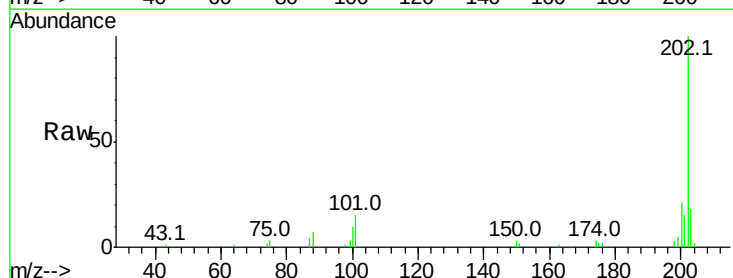
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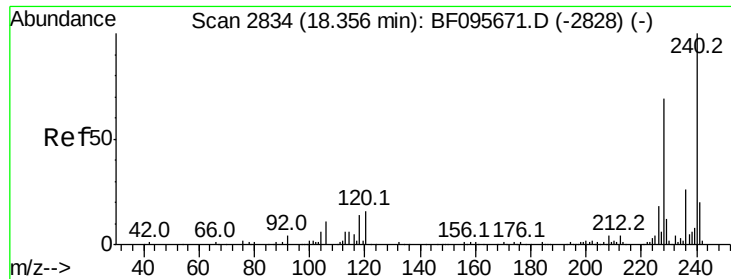
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#74
Fluoranthene
Concen: 4.02 ng
RT: 16.39 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF095966.D
Acq: 16 Jun 2017 20:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BF095966.D

Acq: 16 Jun 2017 20:50

Instrument :

BNA_F

ClientSampleId :

BAYWAY-SWITCH-A

Tot Ion:240 Resp: 140289

Ion Ratio Lower Upper

240 100

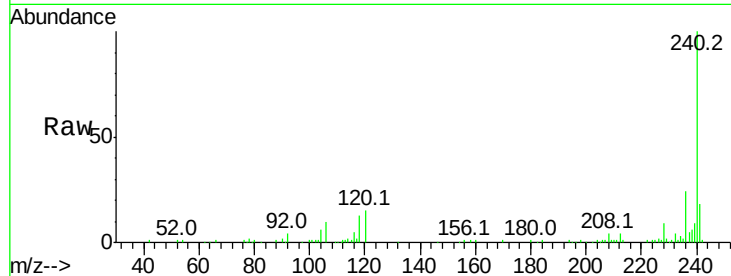
120 14.7 5.8 8.8#

236 23.9 20.5 30.7

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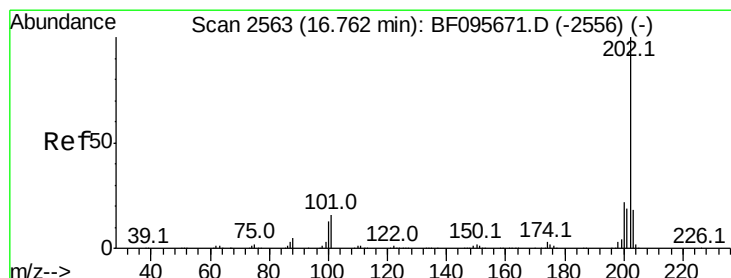
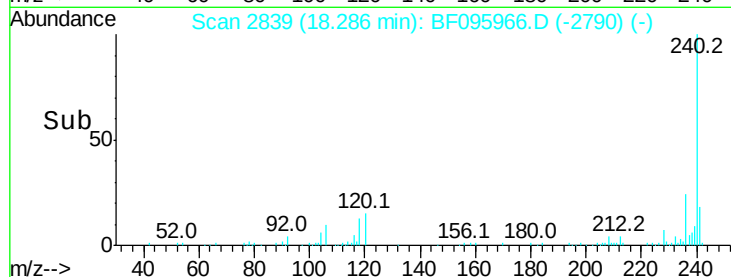
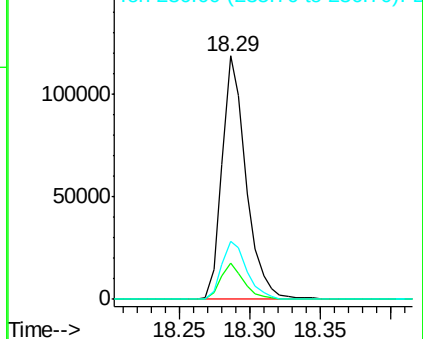
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.81 ng

RT: 16.70 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BF095966.D

Acq: 16 Jun 2017 20:50

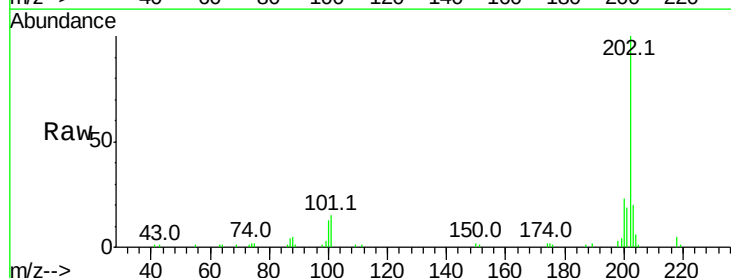
Tgt Ion:202 Resp: 50384

Ion Ratio Lower Upper

202 100

200 23.3 17.6 26.4

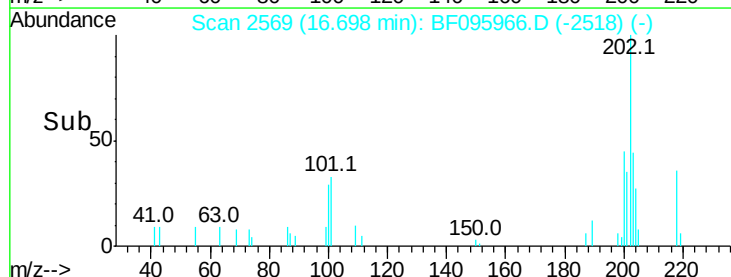
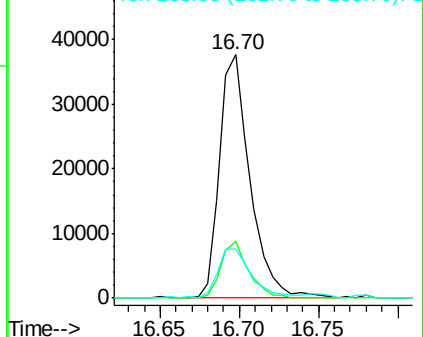
203 20.2 14.4 21.6

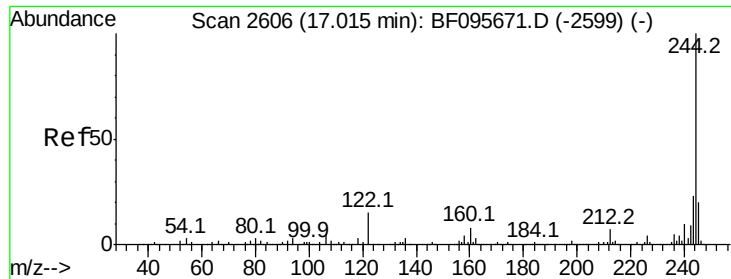


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





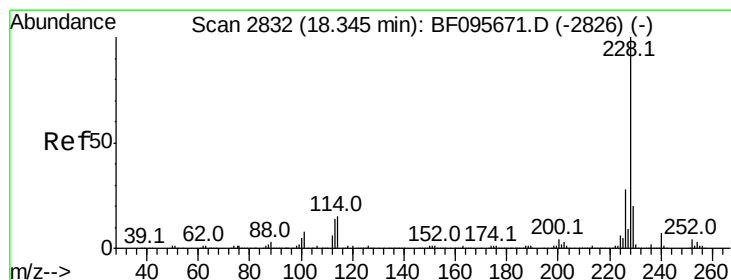
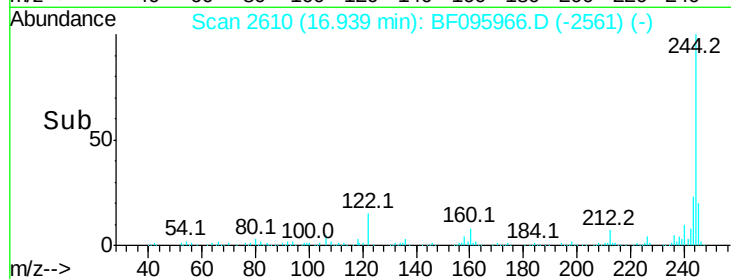
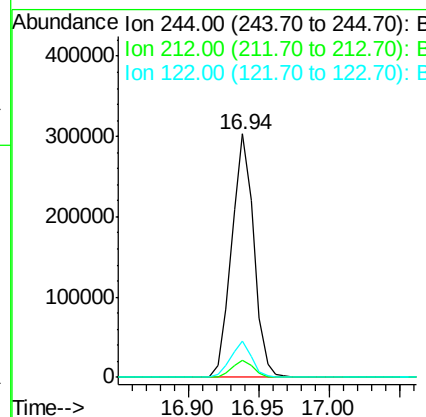
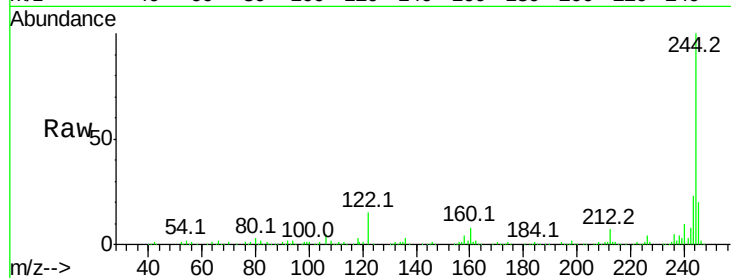
#78
 Terphenyl-d14
 Concen: 58.31 ng
 RT: 16.94 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF095966.D
 Acq: 16 Jun 2017 20:50

Instrument :
 BNA_F
 ClientSampleId :
 BAYWAY-SWITCH-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.1	10.3	15.5

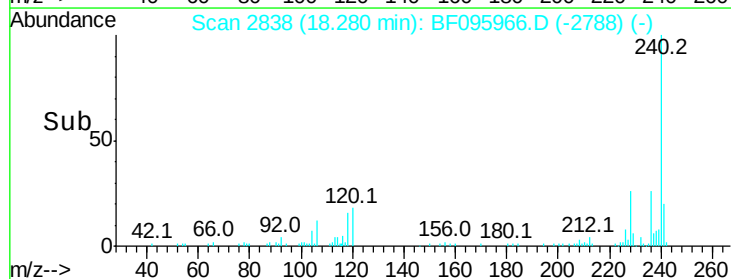
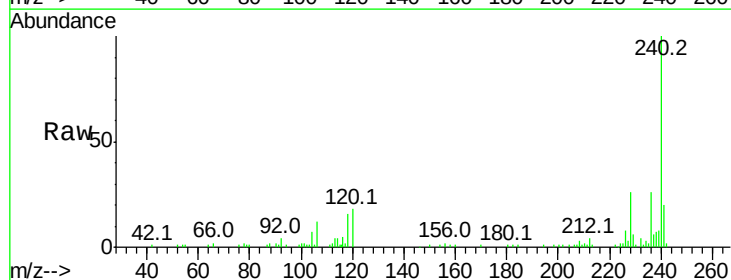
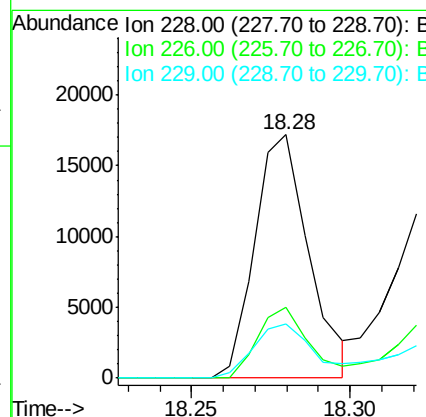
Manual Integrations
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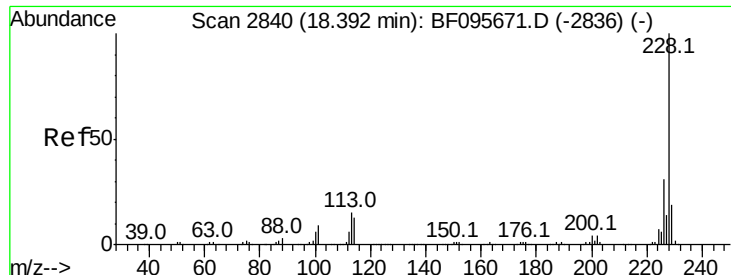
mohammad
 6/19/2017 3:47:31 PM



#80
 Benzo(a)anthracene
 Concen: 2.50 ng
 RT: 18.28 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BF095966.D
 Acq: 16 Jun 2017 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	22.2	16.3	24.5





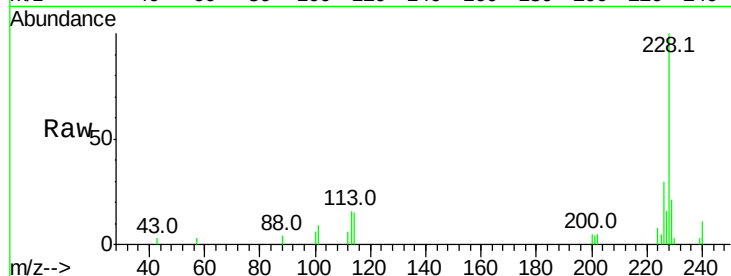
#82
Chrysene
Concen: 2.82 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095966.D
Acq: 16 Jun 2017 20:50

Instrument :
BNA_F
ClientSampleId :
BAYWAY-SWITCH-A

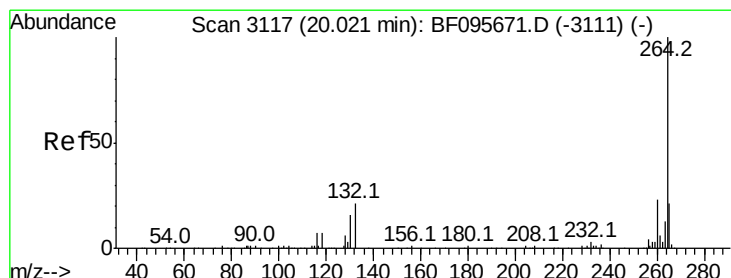
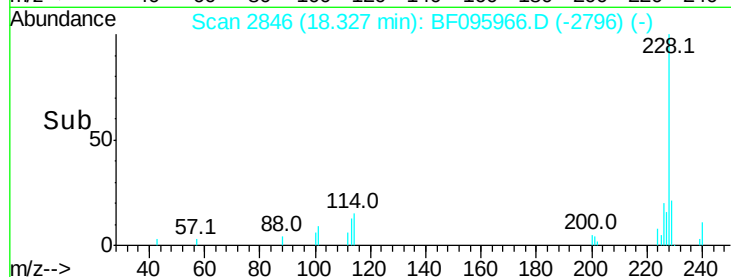
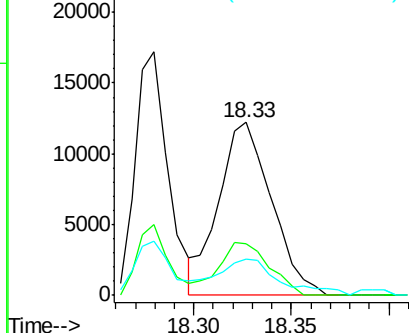
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	20.8	15.8	23.6

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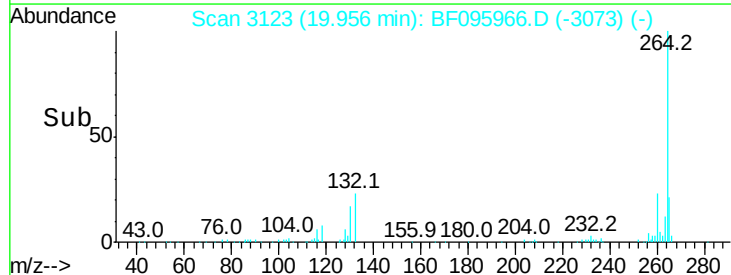
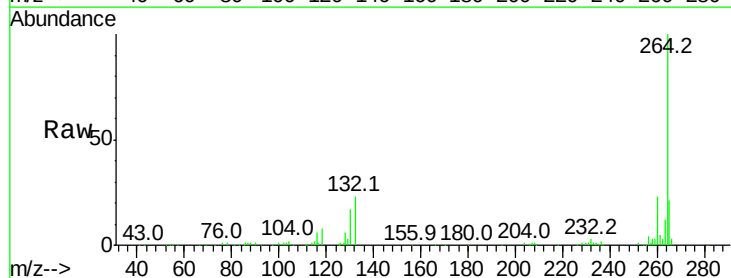
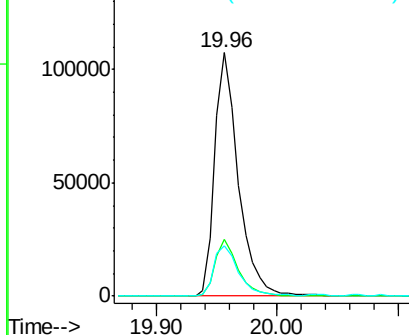
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

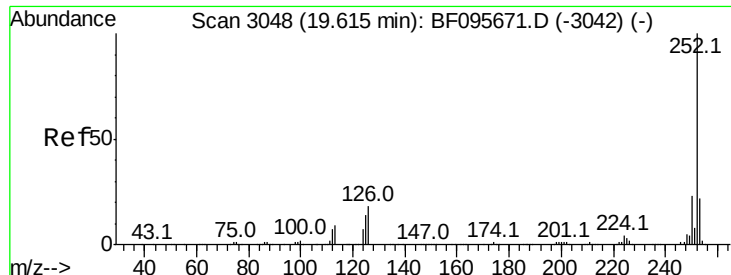


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095966.D
Acq: 16 Jun 2017 20:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.5	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: 2.64 ng

RT: 19.57 min Scan# 3057

Delta R.T. 0.01 min

Lab File: BF095966.D

Acq: 16 Jun 2017 20:50

Instrument :

BNA_F

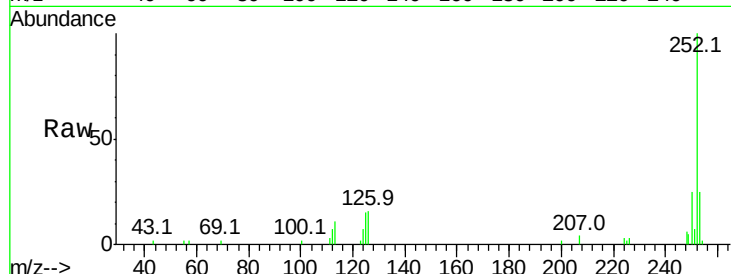
ClientSampleId :

BAYWAY-SWITCH-A

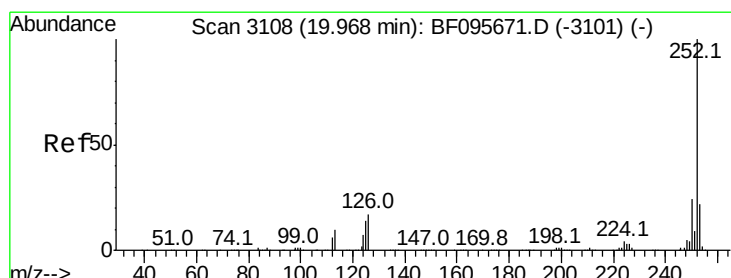
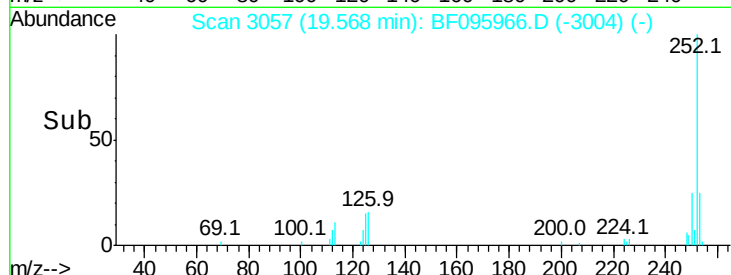
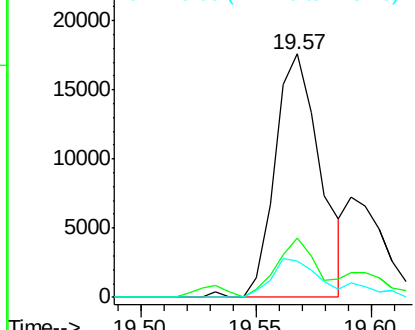
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	15.1	9.8	14.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.24 ng

RT: 19.91 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BF095966.D

Acq: 16 Jun 2017 20:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	15.3	11.0	16.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

