

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084688.D
 Acq On : 30 Jan 2016 16:13
 Operator : SJ/IZ
 Sample : H1272-10 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B014(10-11.5)

Manual Integrations
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Quant Time: Feb 01 02:56:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	185578	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	691783	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	296489	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	502618	20.00	ng	0.00
75) Chrysene-d12	13.87	240	389544	20.00	ng	0.00
86) Perylene-d12	15.27	264	424379	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	268116	21.81	ng	0.01
7) Phenol-d6	6.37	99	323162	21.93	ng	0.00
23) Nitrobenzene-d5	7.29	82	202738	16.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	53258	17.14	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	328465	16.47	ng	0.00
78) Terphenyl-d14	12.83	244	219366	12.72	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	11.26	178	150382	5.41	ng	100
74) Fluoranthene	12.45	202	149232	5.43	ng	92
77) Pyrene	12.67	202	160093	5.45	ng	97
80) Benzo(a)anthracene	13.86	228	96608	3.98	ng	99
82) Chrysene	13.89	228	68657	2.87	ng	99
87) Benzo(b)fluoranthene	14.88	252	90033m	3.28	ng	
89) Benzo(a)pyrene	15.20	252	68800	2.89	ng	# 89
91) Benzo(g,h,i)perylene	16.96	276	45856	2.12	ng	96

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

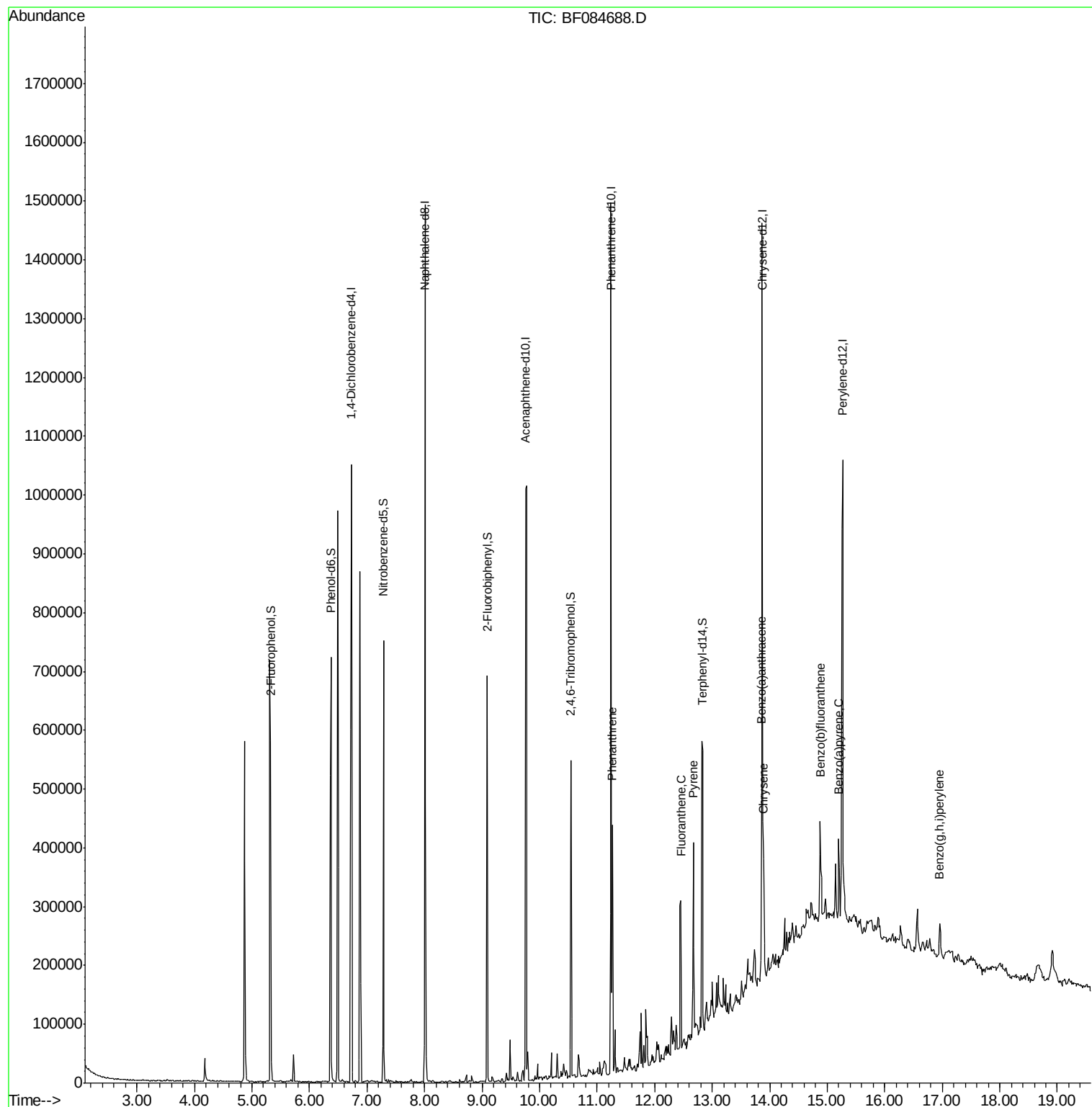
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
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Misc :
ALS Vial : 49 Sample Multiplier: 1

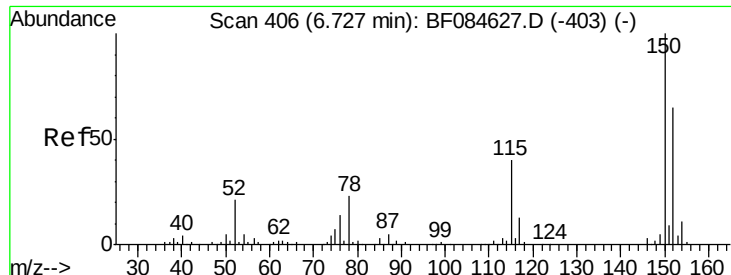
Instrument :
BNA_F
ClientSampleId :
SUP-B014(10-11.5)

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Quant Time: Feb 01 02:56:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

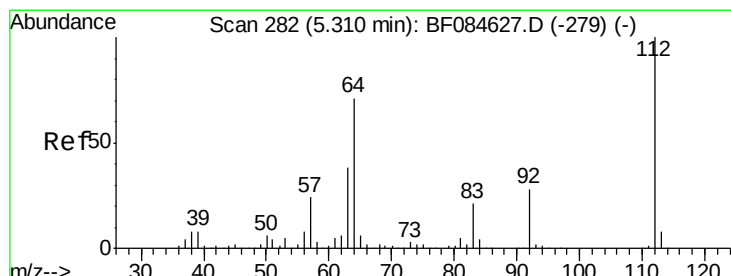
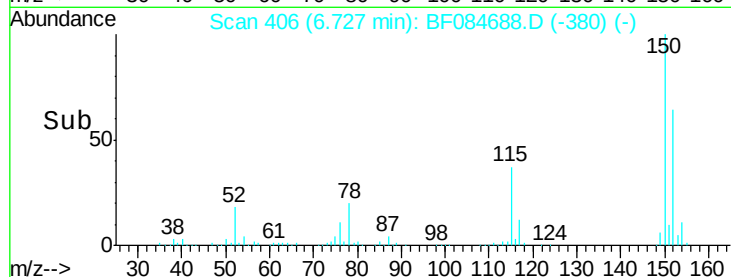
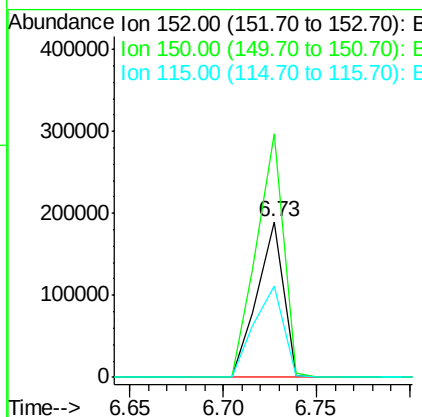
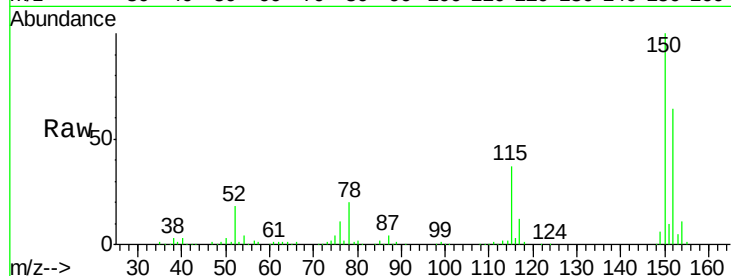
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084688.D
Acq: 30 Jan 2016 16:13

Instrument :
BNA_F
ClientSampleId :
SUP-B014(10-11.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.0	184.4
115	58.6	51.4	77.2

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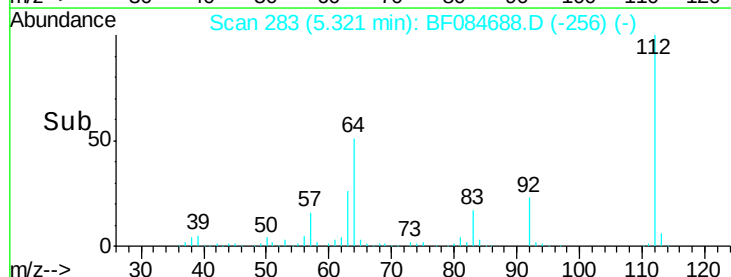
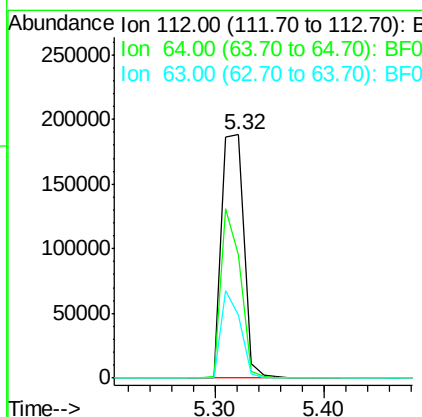
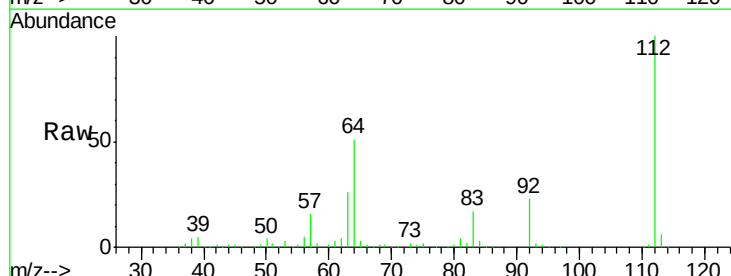
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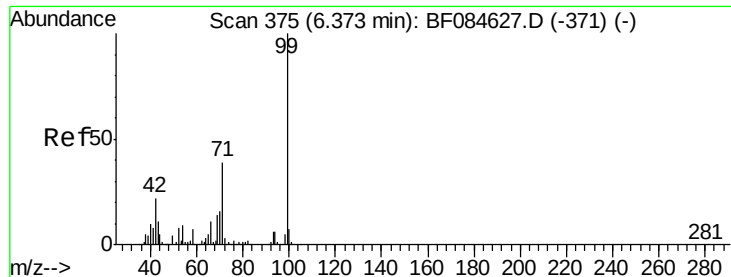


#5

2-Fluorophenol
Concen: 21.81 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084688.D
Acq: 30 Jan 2016 16:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	36.6	55.0
63	25.8	19.4	29.0





#7

Phenol-d6

Concen: 21.93 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084688.D

Acq: 30 Jan 2016 16:13

Instrument :

BNA_F

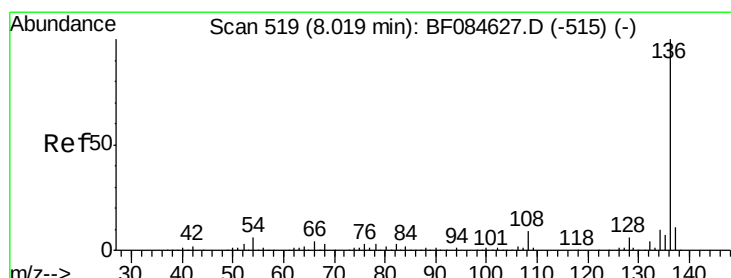
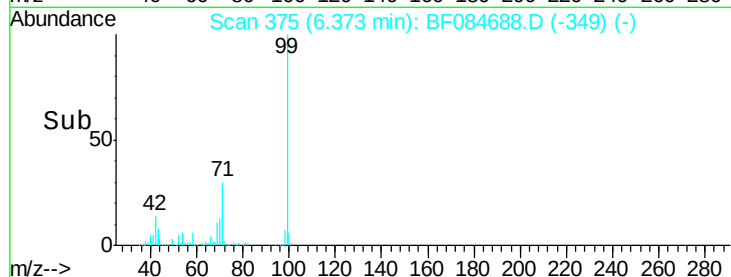
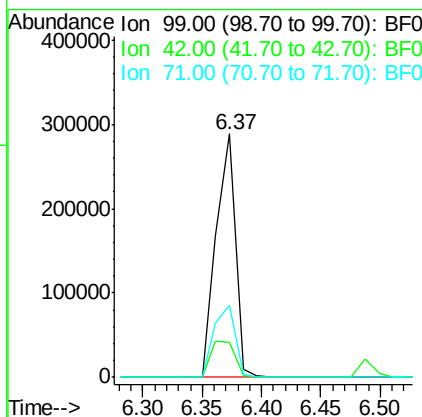
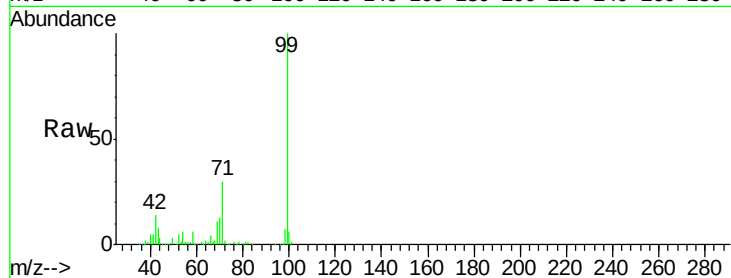
ClientSampleId :

SUP-B014(10-11.5)

Tot Ion:	99	Resp:	323162
Ion Ratio	Lower	Upper	
99	100		
42	14.5	12.8	19.2
71	29.8	30.9	46.3#

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#21

Naphthalene-d8

Concen: 20.00 ng

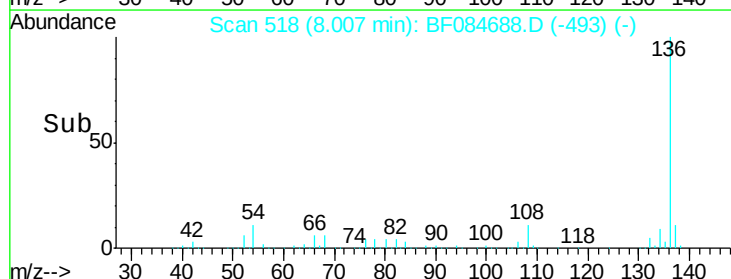
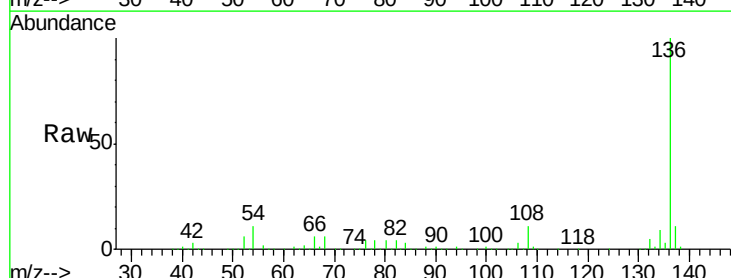
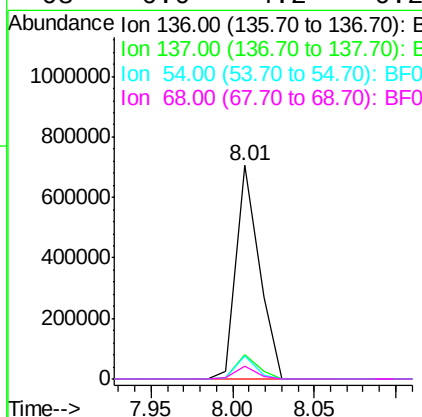
RT: 8.01 min Scan# 518

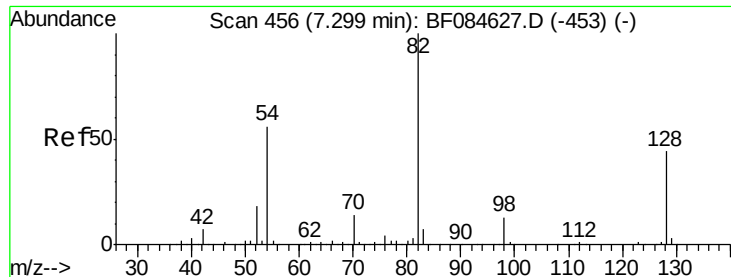
Delta R.T. -0.01 min

Lab File: BF084688.D

Acq: 30 Jan 2016 16:13

Tgt Ion:	136	Resp:	691783
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	10.6	5.8	8.8#
68	6.0	4.2	6.2





#23

Nitrobenzene-d5

Concen: 16.38 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084688.D

Acq: 30 Jan 2016 16:13

Instrument :

BNA_F

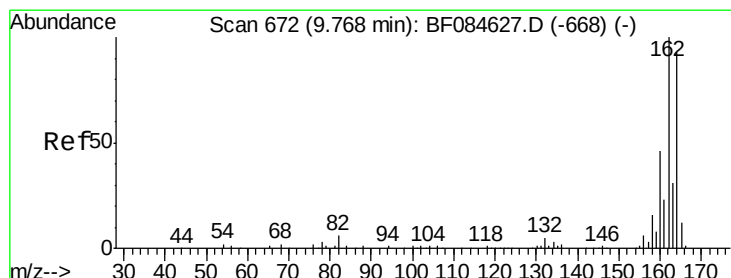
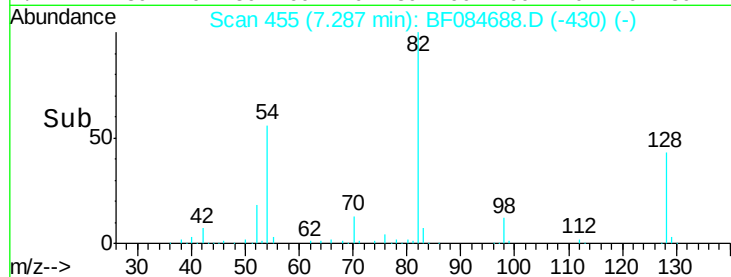
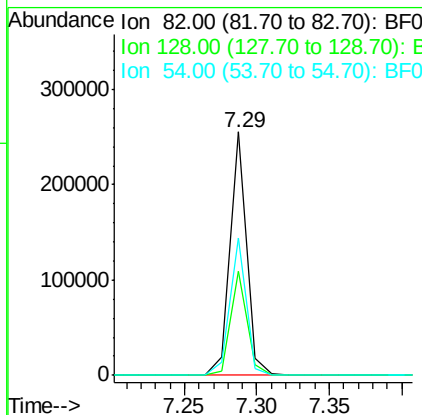
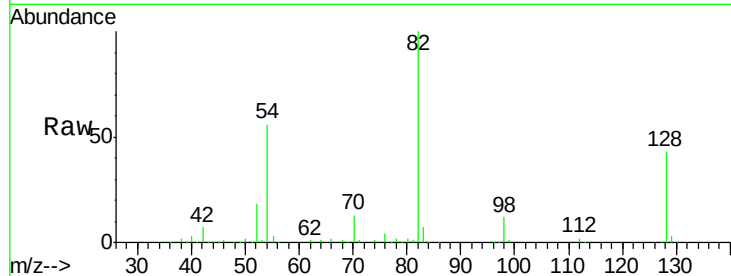
ClientSampleId :

SUP-B014(10-11.5)

Tot Ion	82	Resp	202738
Ion Ratio	Lower	Upper	
82	100		
128	43.0	34.6	51.8
54	56.3	38.4	57.6

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#38

Acenaphthene-d10

Concen: 20.00 ng

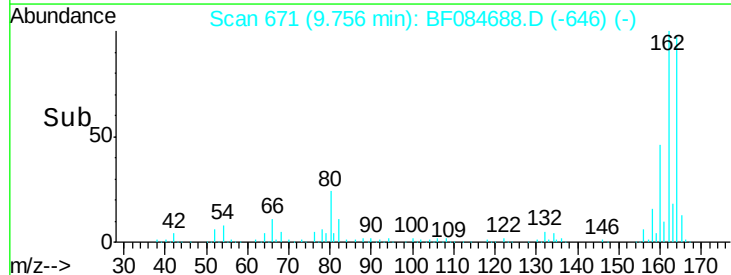
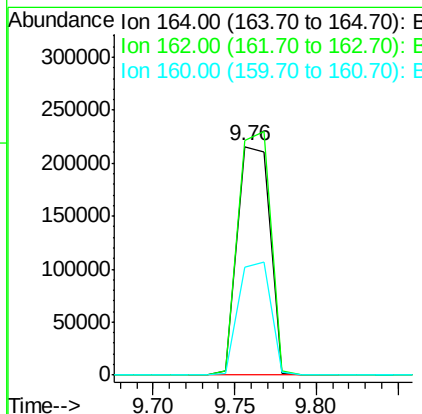
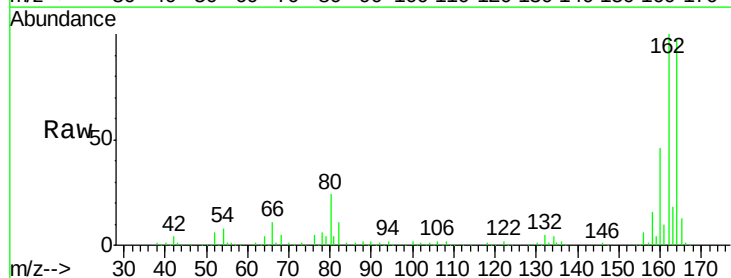
RT: 9.76 min Scan# 671

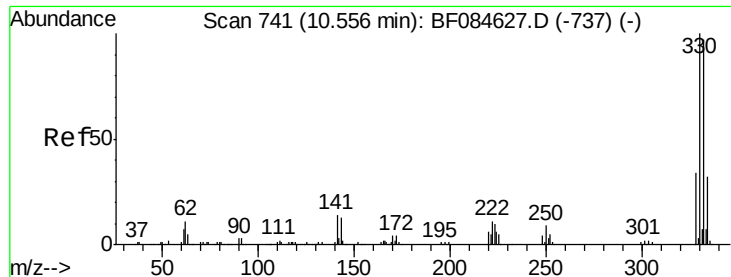
Delta R.T. -0.01 min

Lab File: BF084688.D

Acq: 30 Jan 2016 16:13

Tgt Ion	164	Resp	296489
Ion Ratio	Lower	Upper	
164	100		
162	102.7	85.1	127.7
160	47.3	37.5	56.3





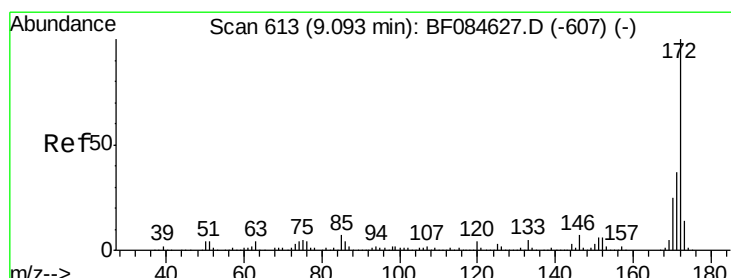
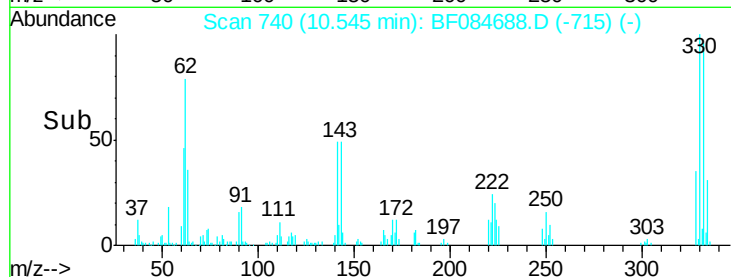
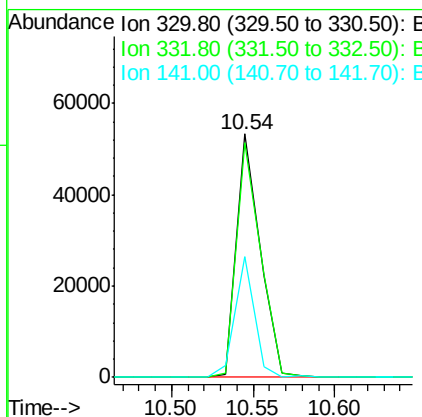
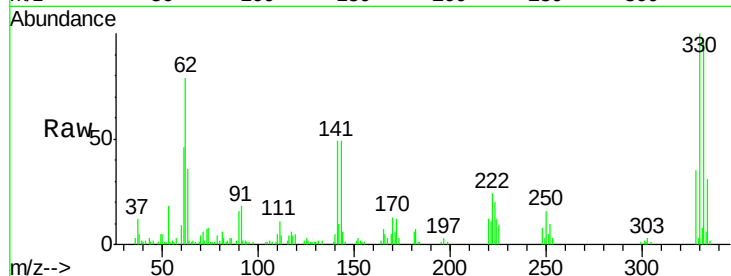
#41
 2,4,6-Tribromophenol
 Concen: 17.14 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084688.D
 Acq: 30 Jan 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B014(10-11.5)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	53258		
332	98.0		76.6	114.8
141	40.9		27.8	41.6

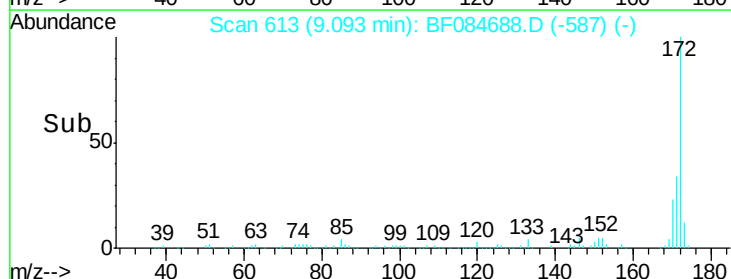
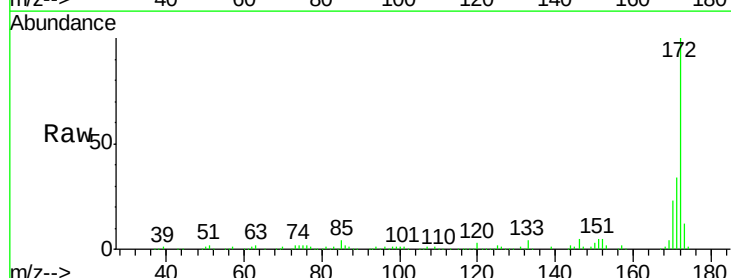
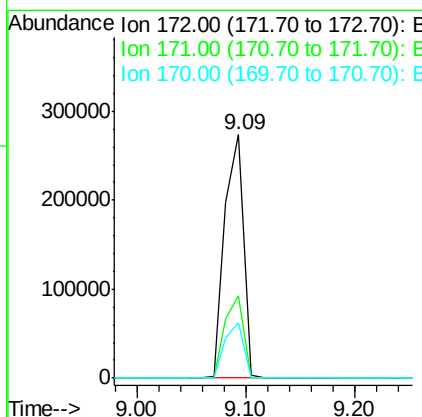
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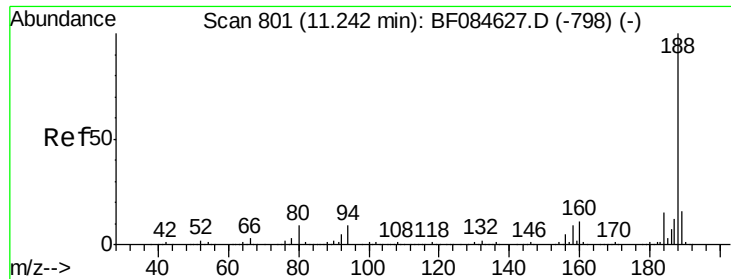
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#44
 2-Fluorobiphenyl
 Concen: 16.47 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084688.D
 Acq: 30 Jan 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	328465		
171	33.7		28.9	43.3
170	22.9		18.6	27.8





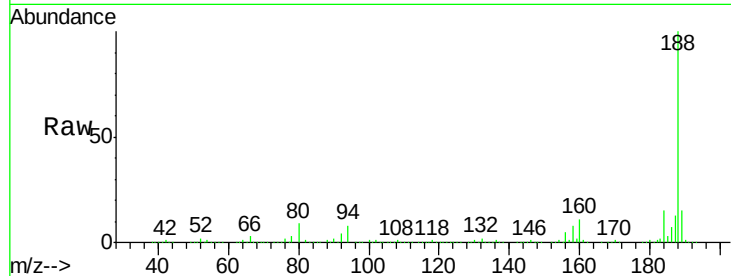
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084688.D
Acq: 30 Jan 2016 16:13

Instrument :
BNA_F
ClientSampleId :
SUP-B014(10-11.5)

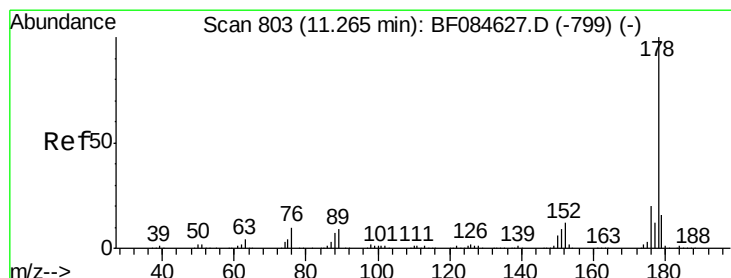
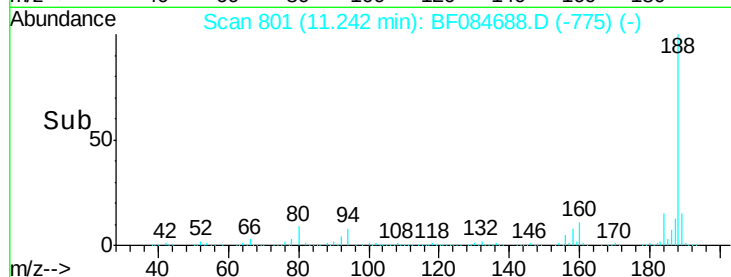
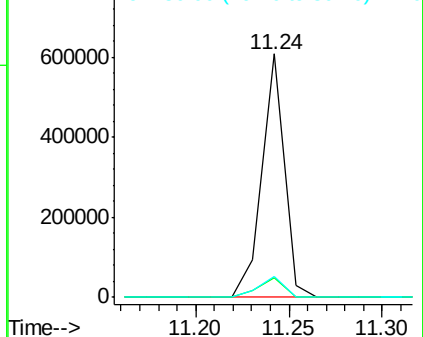
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.1	9.0	13.4#
80	8.6	9.6	14.4#

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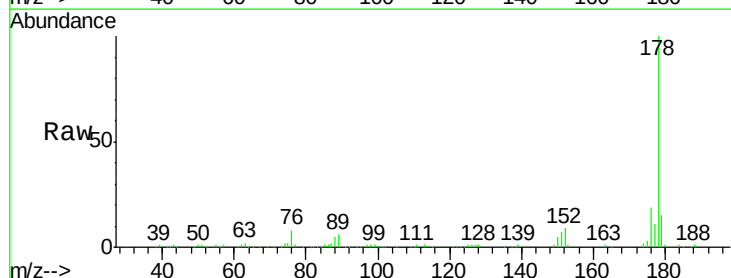


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

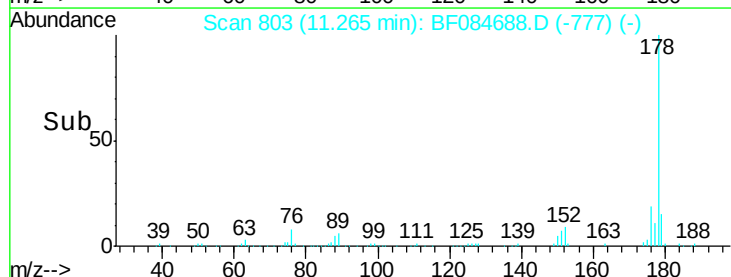
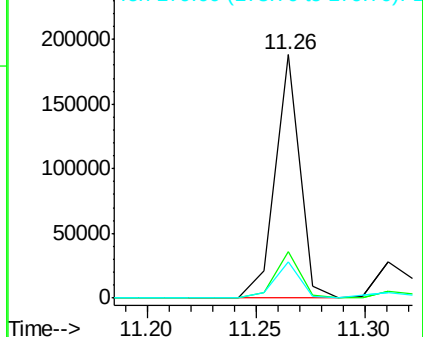


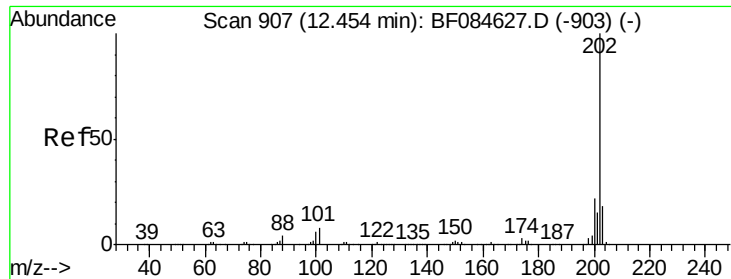
#70
Phenanthrene
Concen: 5.41 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF084688.D
Acq: 30 Jan 2016 16:13

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.1	12.0	18.0



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: 5.43 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084688.D

Acq: 30 Jan 2016 16:13

Instrument :

BNA_F

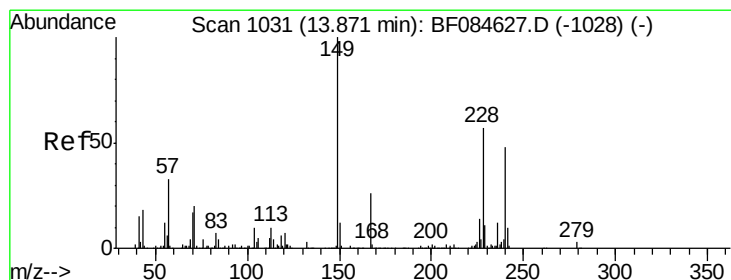
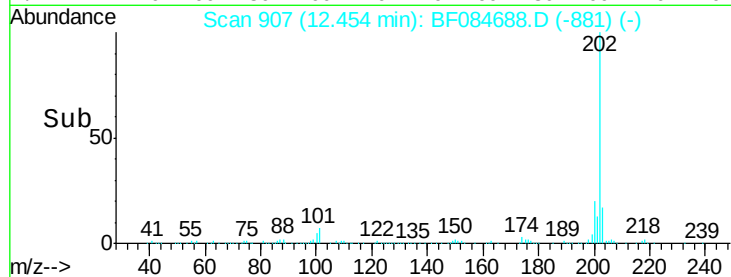
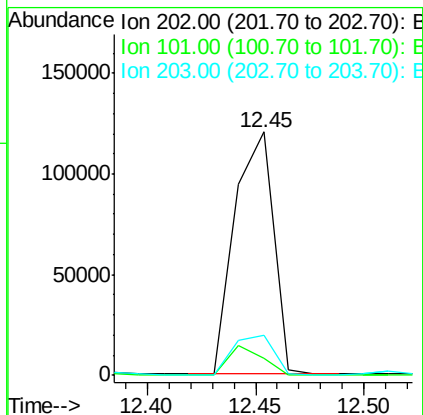
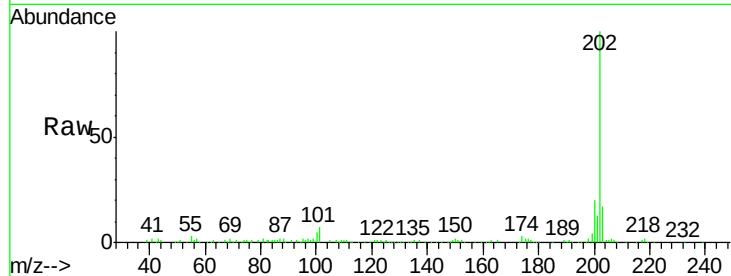
ClientSampleId :

SUP-B014(10-11.5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.9	0.0	32.8
203	16.7	0.0	37.9

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#75

Chrysene-d12

Concen: 20.00 ng

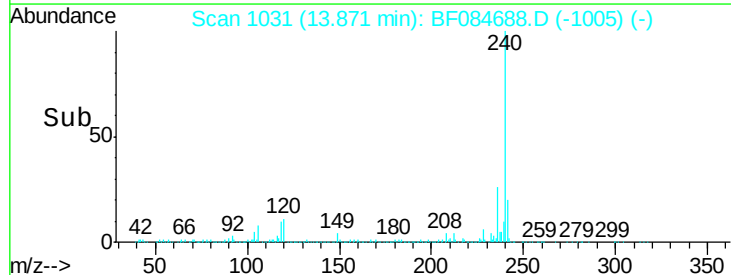
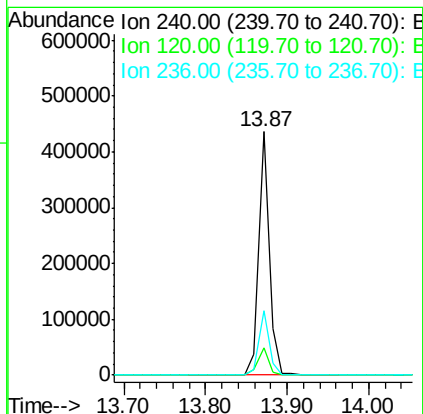
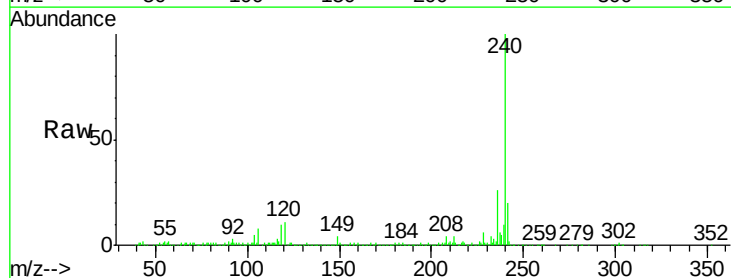
RT: 13.87 min Scan# 1031

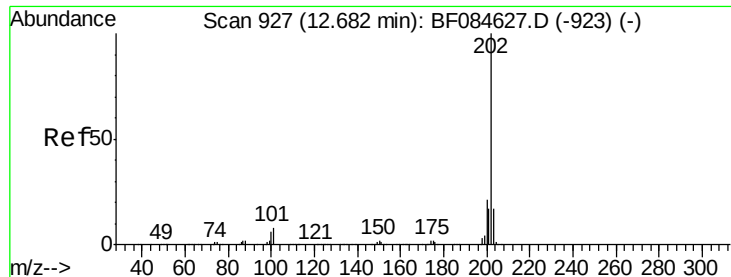
Delta R.T. -0.00 min

Lab File: BF084688.D

Acq: 30 Jan 2016 16:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.3	20.6	31.0





#77

Pvrene

Concen: 5.45 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084688.D

Acq: 30 Jan 2016 16:13

Instrument :

BNA_F

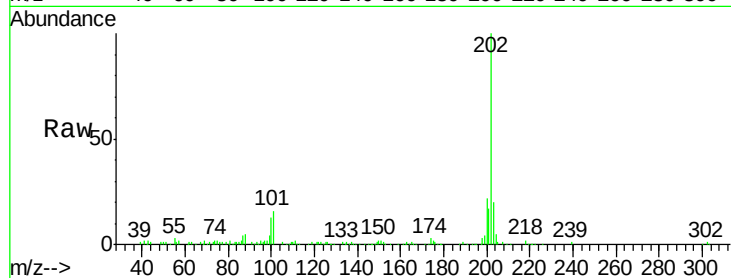
ClientSampleId :

SUP-B014(10-11.5)

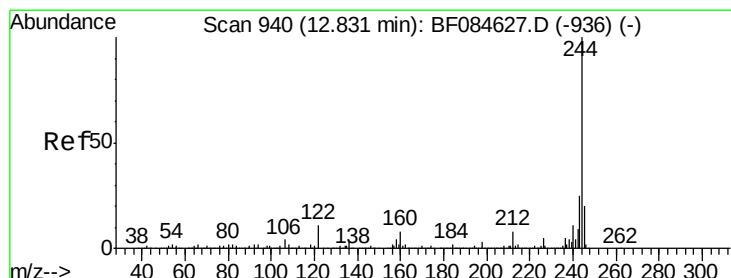
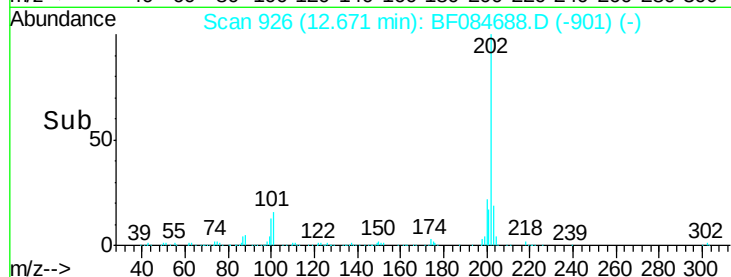
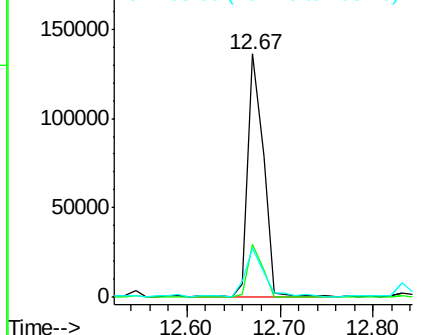
Tot Ion:	202	Resp:	160093
Ion Ratio		Lower	Upper
202	100		
200	21.8	17.2	25.8
203	20.4	14.3	21.5

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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: 12.72 ng

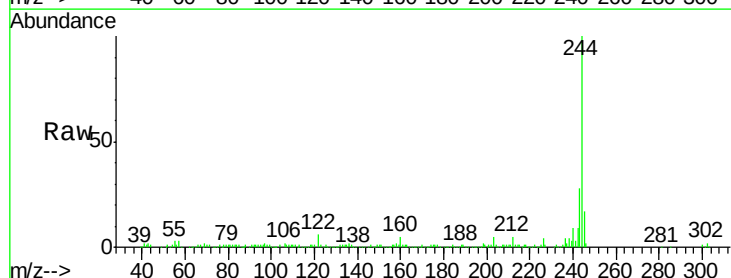
RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

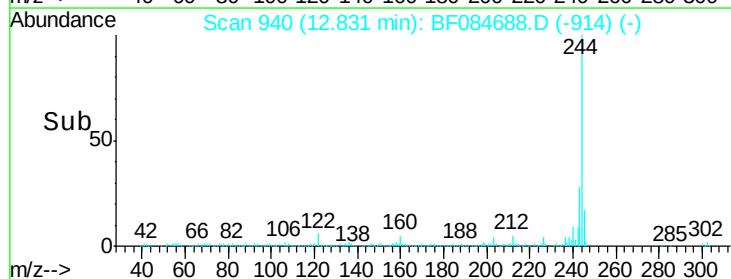
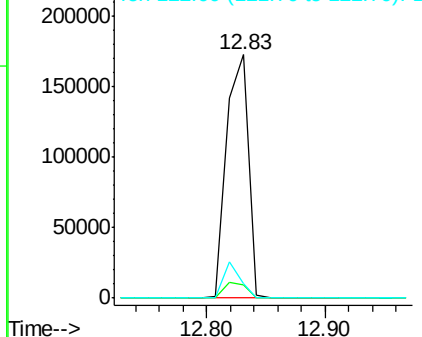
Lab File: BF084688.D

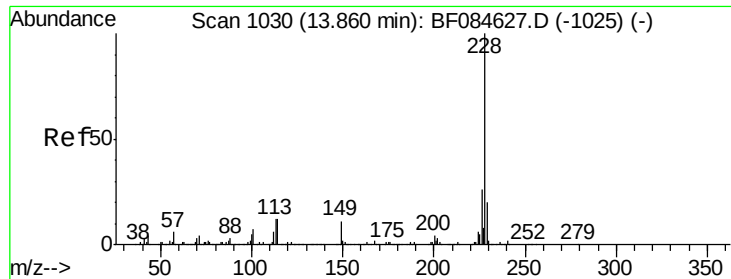
Acq: 30 Jan 2016 16:13

Tgt Ion:	244	Resp:	219366
Ion Ratio		Lower	Upper
244	100		
212	5.4	5.7	8.5#
122	6.1	7.4	11.0#



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





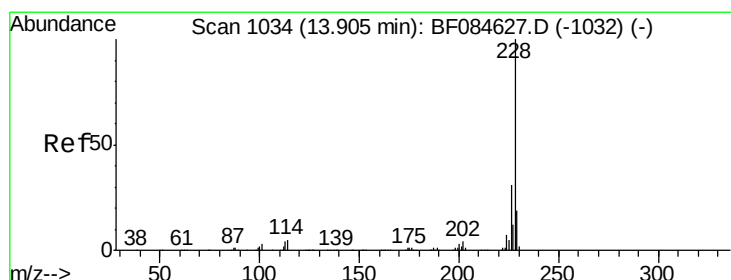
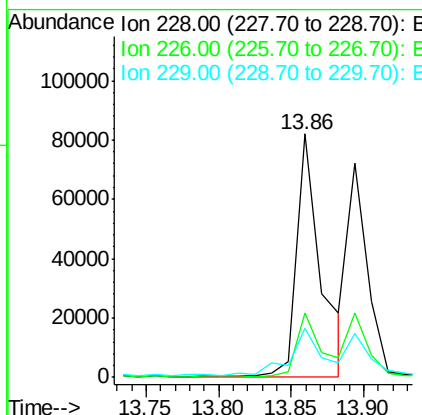
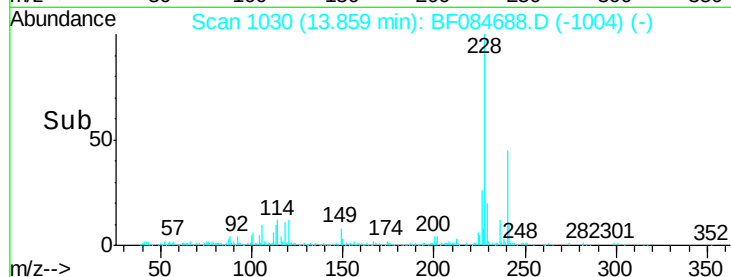
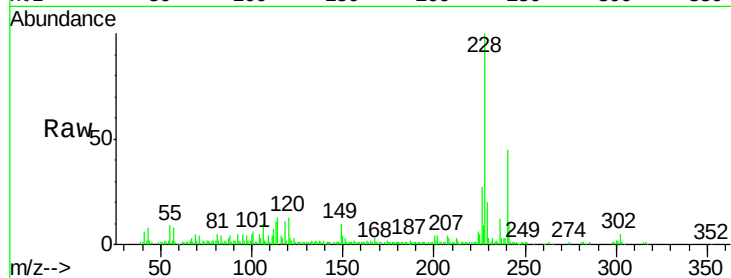
#80
Benzo(a)anthracene
Concen: 3.98 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084688.D
Acq: 30 Jan 2016 16:13

Instrument :
BNA_F
ClientSampleId :
SUP-B014(10-11.5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.6
229	20.2	15.8	23.8

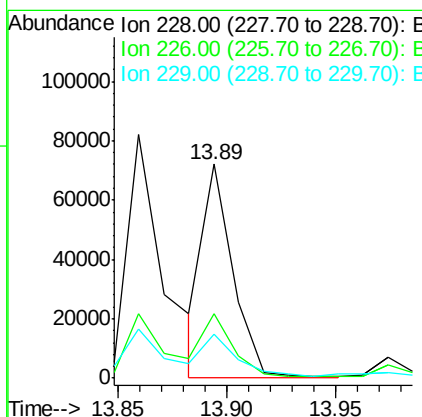
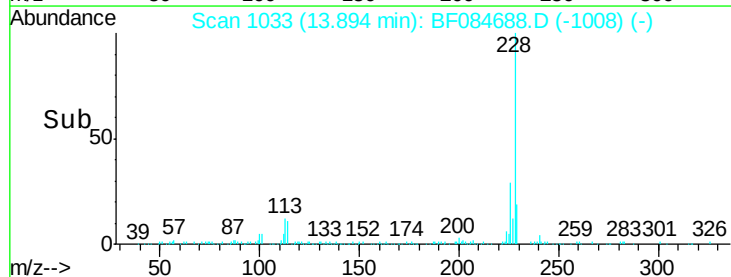
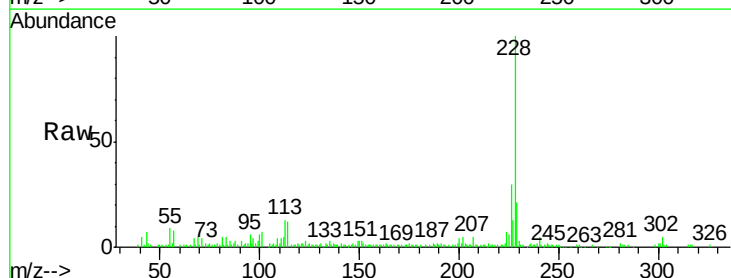
Manual Integrations
APPROVED

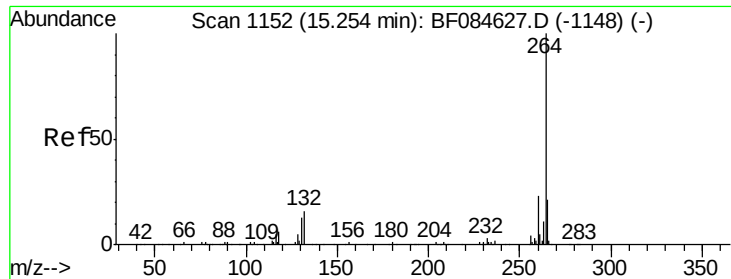
mohammad
2/1/2016 2:26:37 PM



#82
Chrysene
Concen: 2.87 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF084688.D
Acq: 30 Jan 2016 16:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	20.6	16.1	24.1





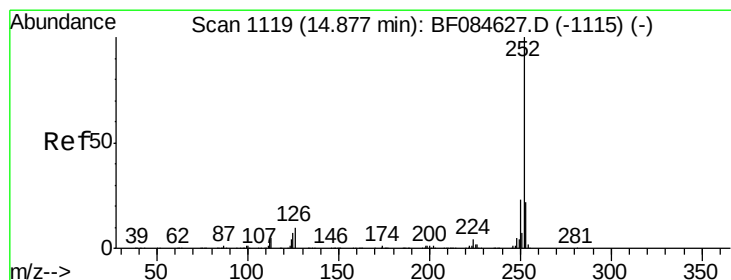
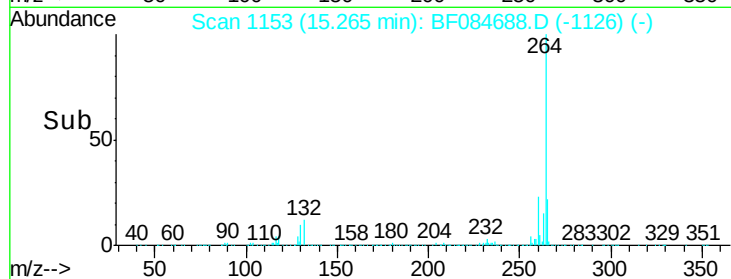
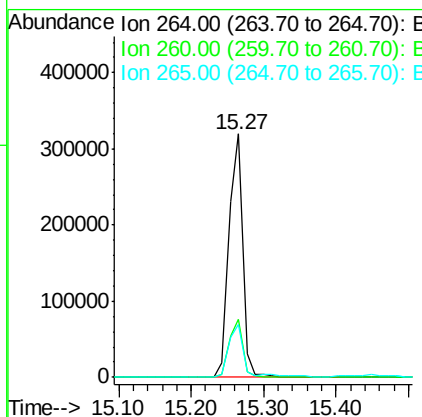
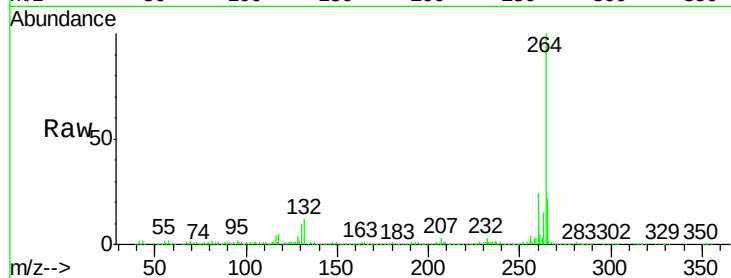
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF084688.D
Acq: 30 Jan 2016 16:13

Instrument :
BNA_F
ClientSampleId :
SUP-B014(10-11.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.8	17.8	26.6

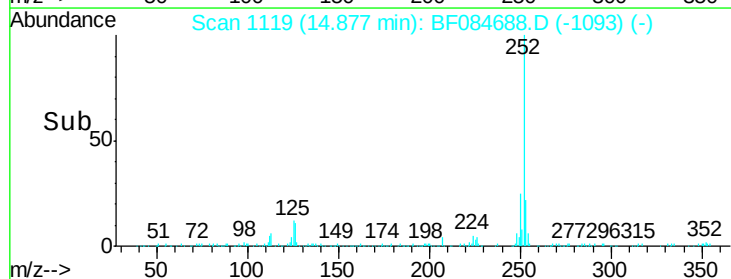
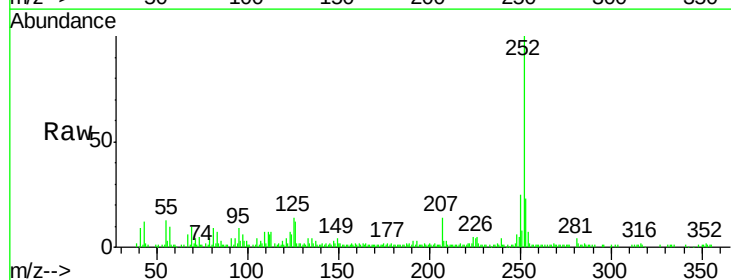
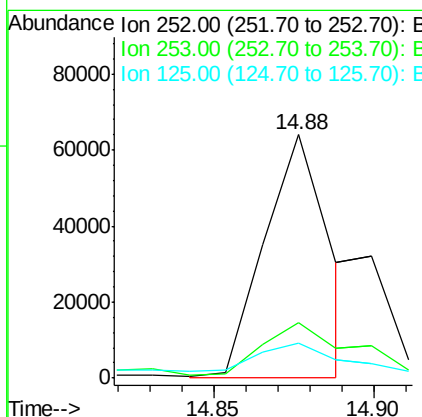
Manual Integrations
APPROVED

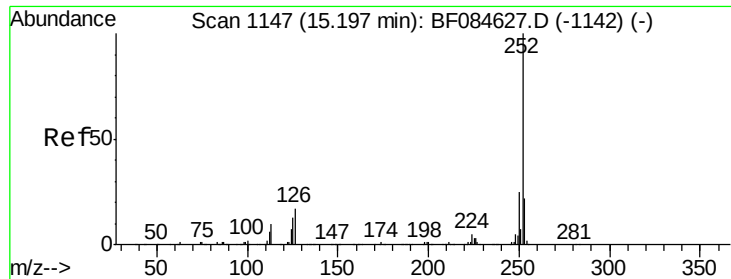
mohammad
2/1/2016 2:26:37 PM



#87
Benzo(b)fluoranthene
Concen: 3.28 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF084688.D
Acq: 30 Jan 2016 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	14.2	6.5	9.7#





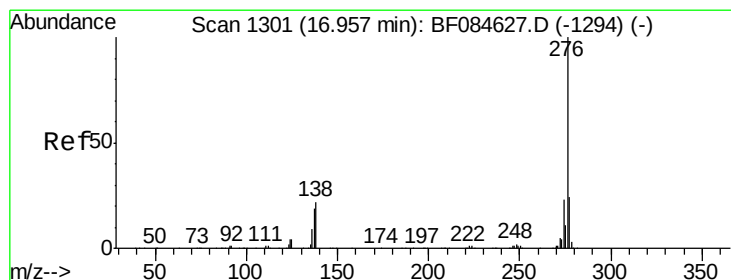
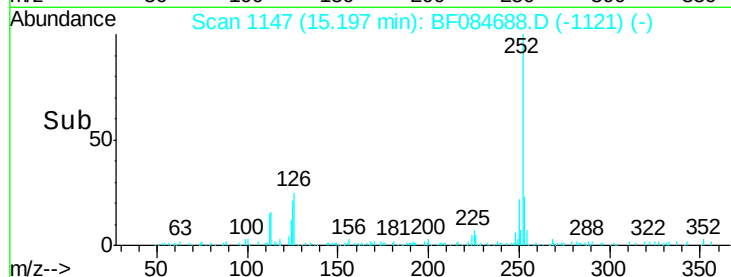
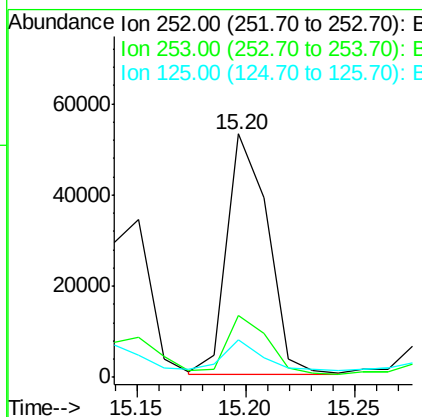
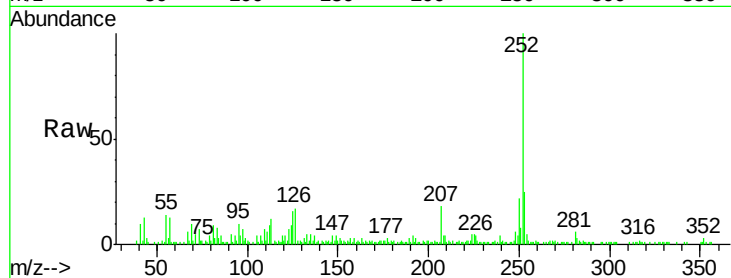
#89
Benzo(a)pyrene
Concen: 2.89 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF084688.D
Acq: 30 Jan 2016 16:13

Instrument :
BNA_F
ClientSampleId :
SUP-B014(10-11.5)

Tot Ion	Ratio	Resp	Lower	Upper
252	100	68800		
253	25.3		17.3	25.9
125	15.6		7.0	10.4

Manual Integrations
APPROVED

mohammad
2/1/2016 2:26:37 PM



#91
Benzo(g,h,i)perylene
Concen: 2.12 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF084688.D
Acq: 30 Jan 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	45856		
277	22.5		18.8	28.2
138	25.5		17.8	26.6

