

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084691.D
 Acq On : 30 Jan 2016 17:36
 Operator : SJ/IZ
 Sample : H1261-09 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)

Manual Integrations
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Quant Time: Feb 01 03:14:11 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	188080	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	705549	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	300472	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	490496	20.00	ng	0.00
75) Chrysene-d12	13.87	240	393275	20.00	ng	0.00
86) Perylene-d12	15.27	264	409686	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	306016	24.56	ng	0.01
7) Phenol-d6	6.37	99	380437	25.47	ng	0.00
23) Nitrobenzene-d5	7.29	82	237021	18.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	66444	21.10	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	405985	20.08	ng	0.00
78) Terphenyl-d14	12.82	244	240667	13.82	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.49	163	45362	2.01	ng	Qvalue # 92
74) Fluoranthene	12.45	202	61992	2.31	ng	94
77) Pyrene	12.67	202	73645	2.48	ng	99
80) Benzo(a)anthracene	13.86	228	52777	2.15	ng	93
87) Benzo(b)fluoranthene	14.88	252	72187m	2.72	ng	

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

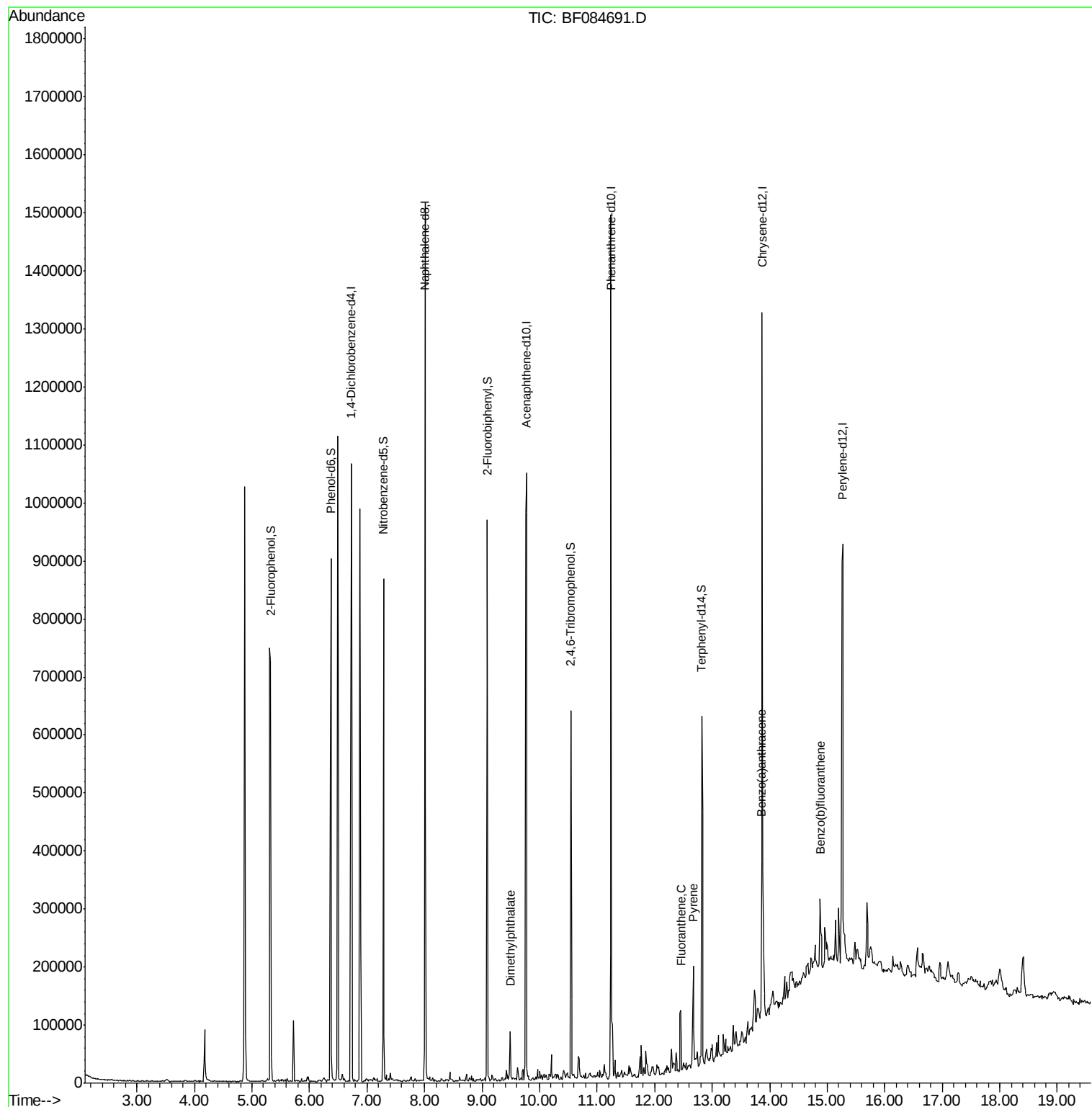
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
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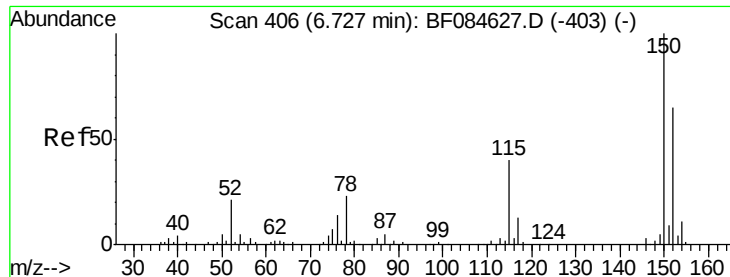
Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

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Quant Time: Feb 01 03:14:11 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





#1

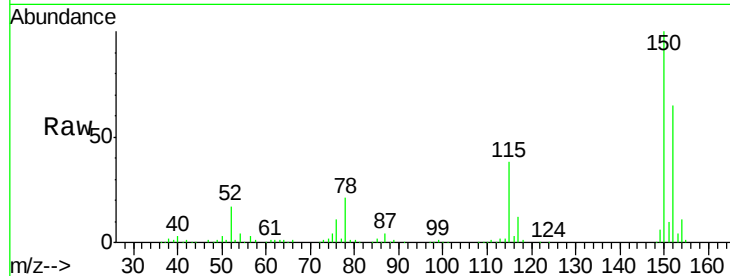
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.0	184.4
115	58.5	51.4	77.2

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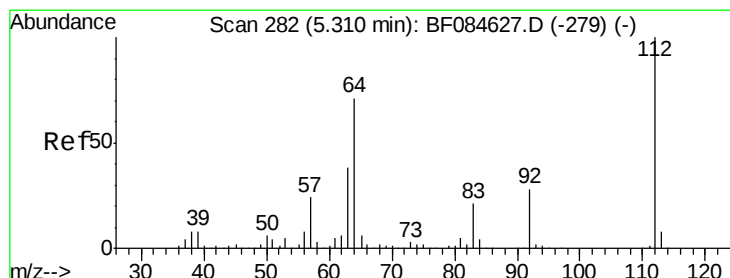
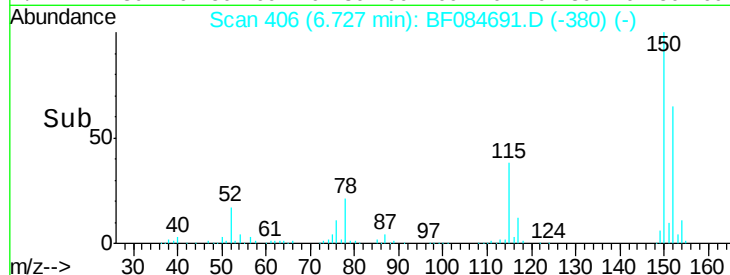
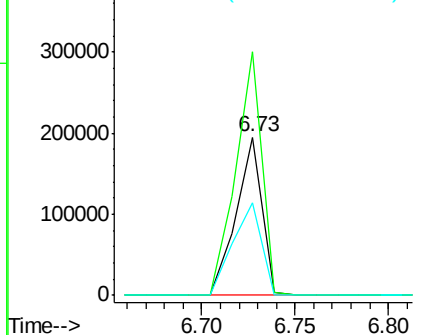


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

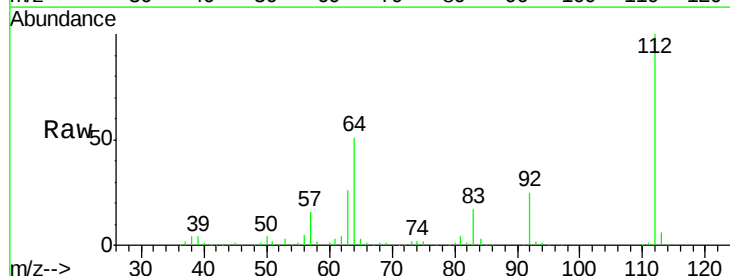
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 24.56 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	36.6	55.0
63	25.8	19.4	29.0

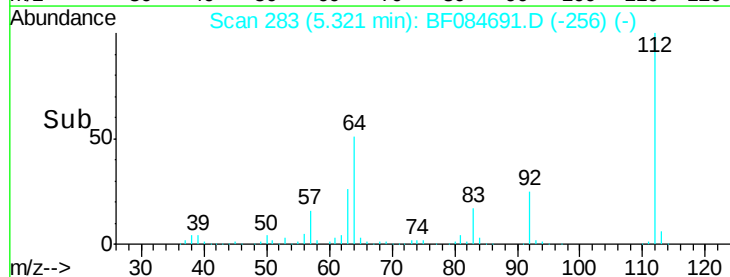
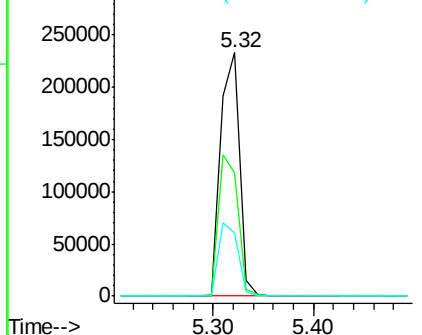


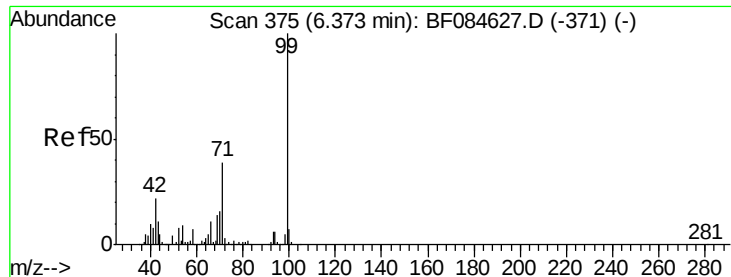
Abundance

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: 25.47 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084691.D

Acq: 30 Jan 2016 17:36

Instrument :

BNA_F

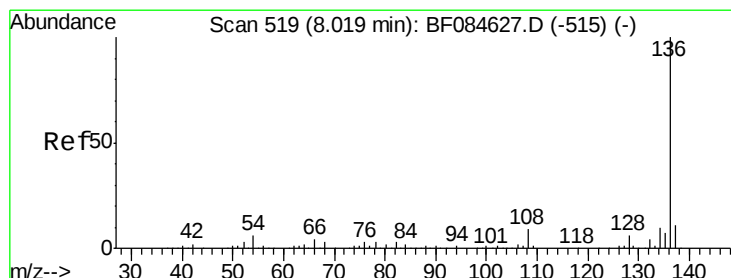
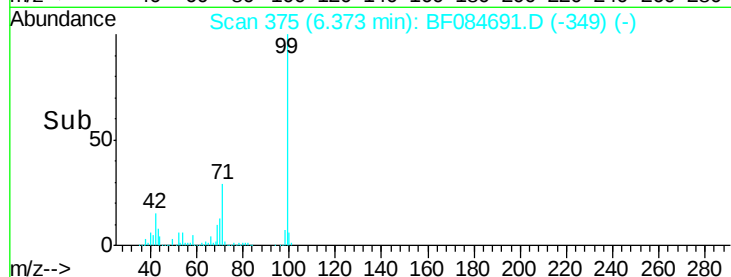
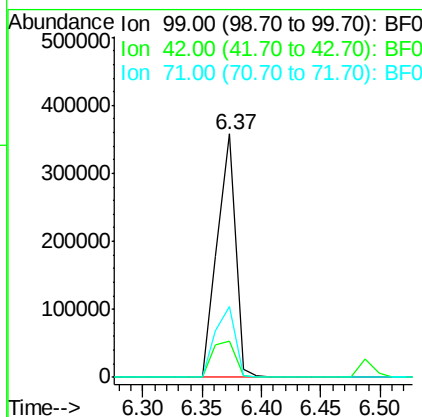
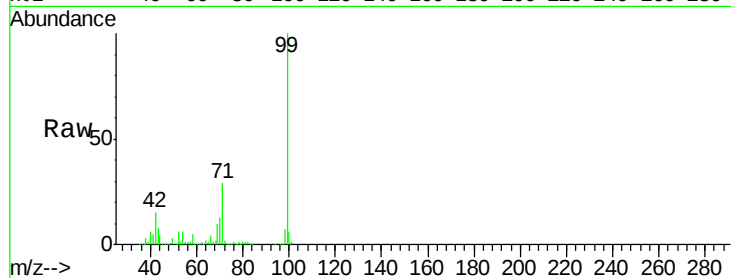
ClientSampleId :

SCARBOROUGH1516-00(0-4)

Tot Ion:	99	Resp:	380437
Ion Ratio	Lower	Upper	
99	100		
42	14.9	12.8	19.2
71	29.0	30.9	46.3#

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#21

Naphthalene-d8

Concen: 20.00 ng

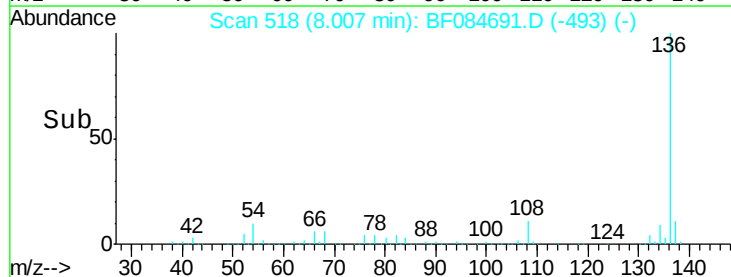
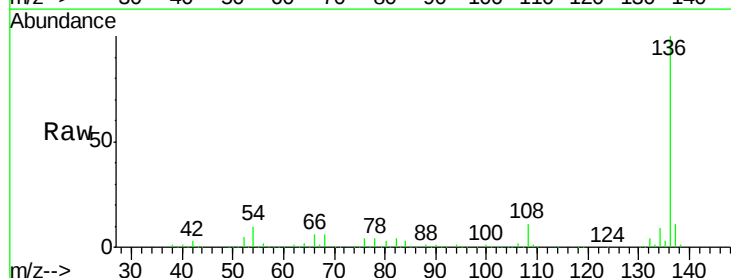
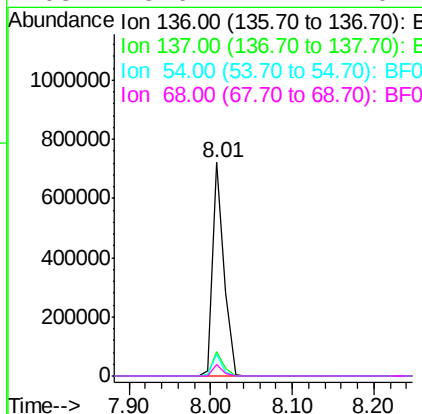
RT: 8.01 min Scan# 518

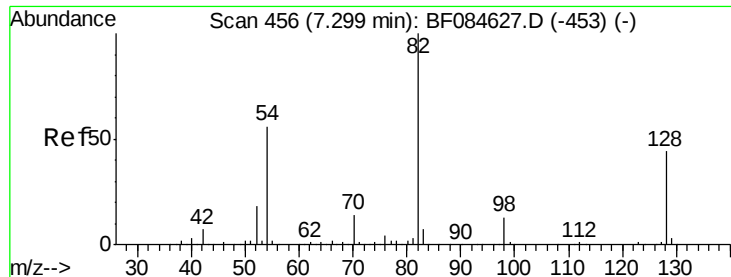
Delta R.T. -0.01 min

Lab File: BF084691.D

Acq: 30 Jan 2016 17:36

Tgt Ion:	136	Resp:	705549
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	10.5	5.8	8.8#
68	5.6	4.2	6.2





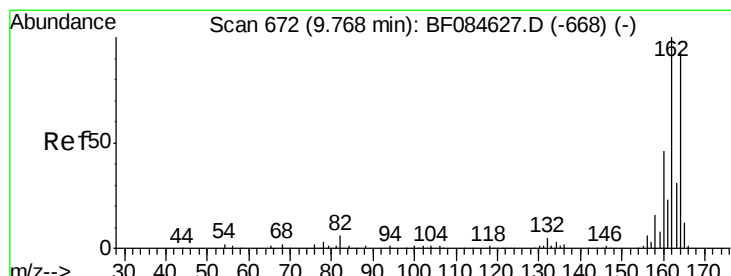
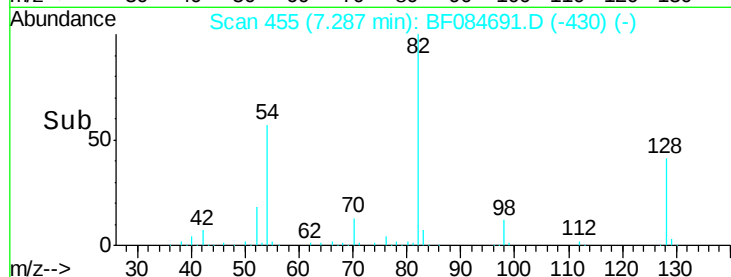
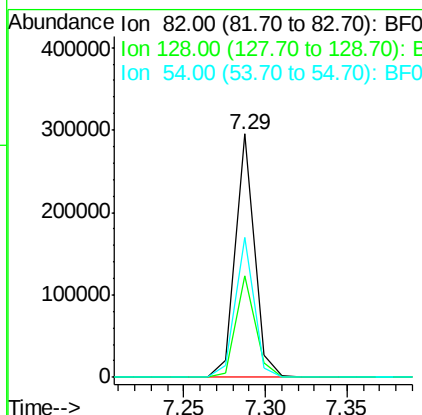
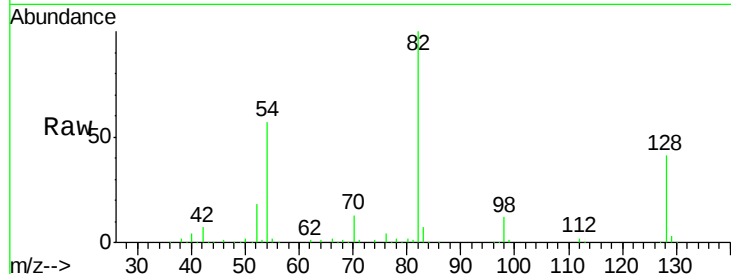
#23
Nitrobenzene-d5
Concen: 18.77 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	51.8
54	57.3	38.4	57.6

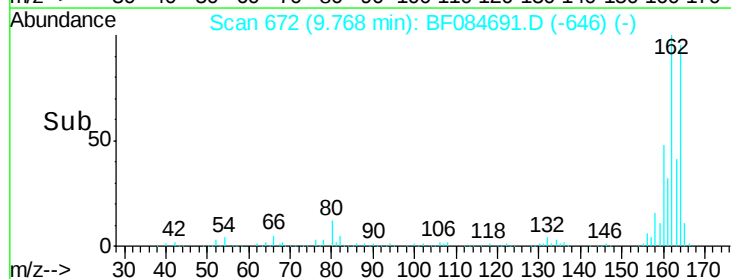
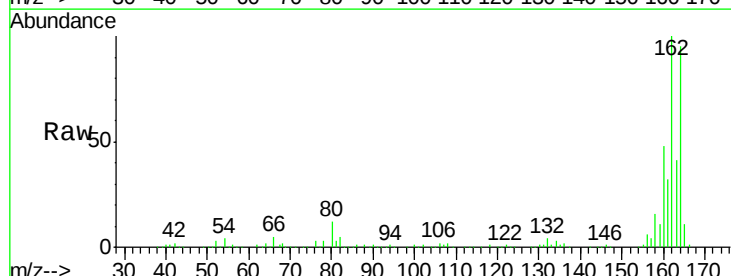
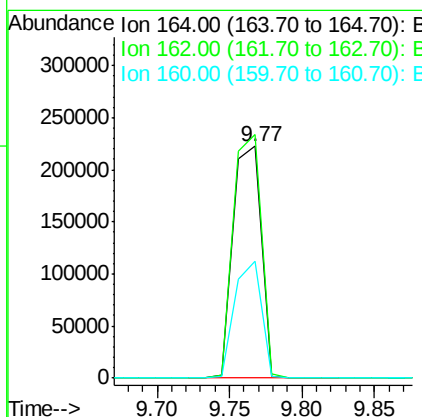
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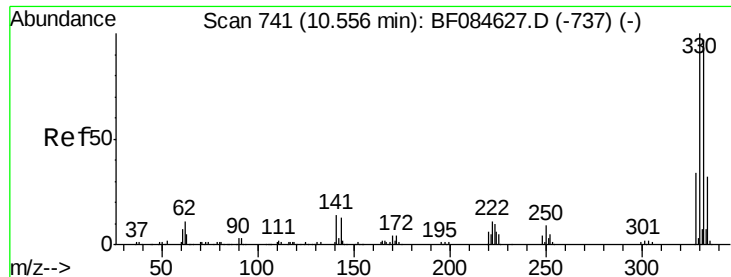
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.1	127.7
160	50.4	37.5	56.3





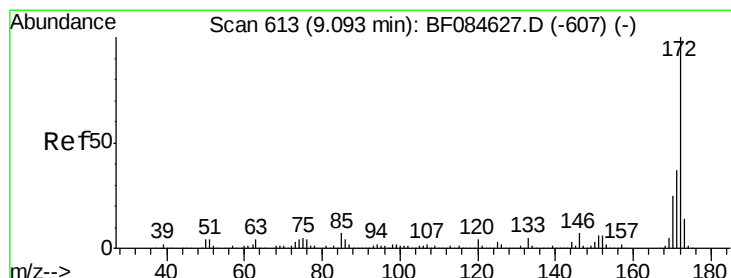
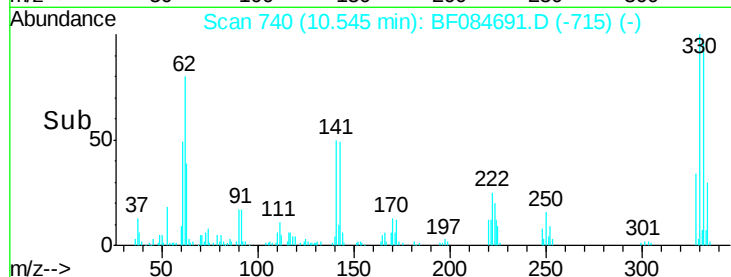
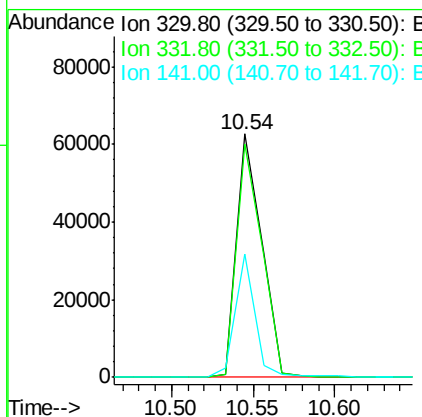
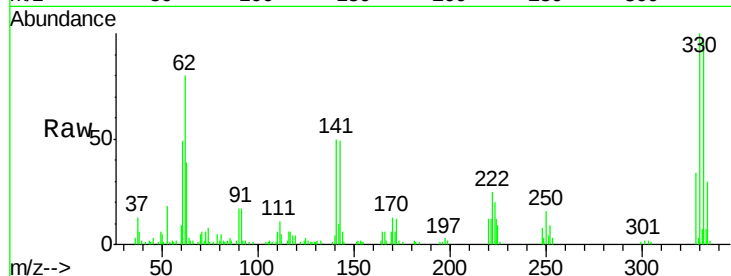
#41
 2,4,6-Tribromophenol
 Concen: 21.10 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084691.D
 Acq: 30 Jan 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	66444		
332	96.7		76.6	114.8
141	39.8		27.8	41.6

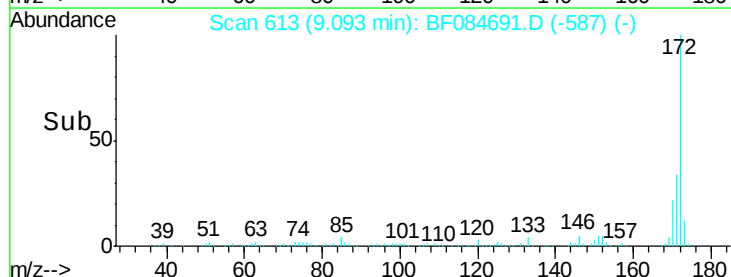
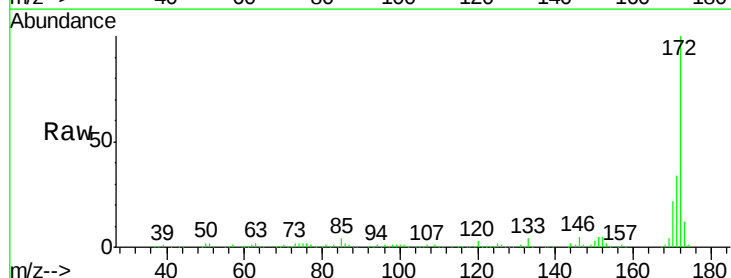
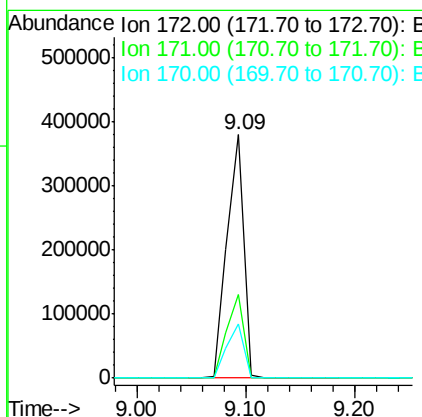
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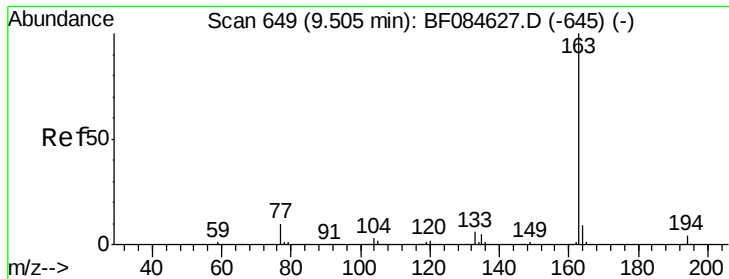
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#44
 2-Fluorobiphenyl
 Concen: 20.08 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084691.D
 Acq: 30 Jan 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	405985		
171	34.4		28.9	43.3
170	22.4		18.6	27.8





#49

Dimethylphthalate

Concen: 2.01 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF084691.D

Acq: 30 Jan 2016 17:36

Instrument :

BNA_F

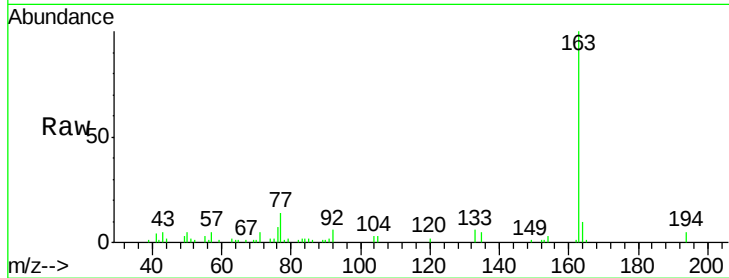
ClientSampleId :

SCARBOROUGH1516-00(0-4)

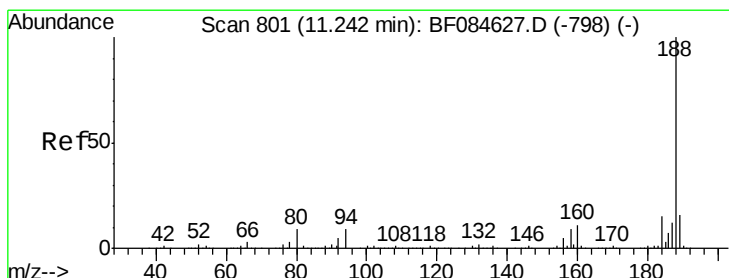
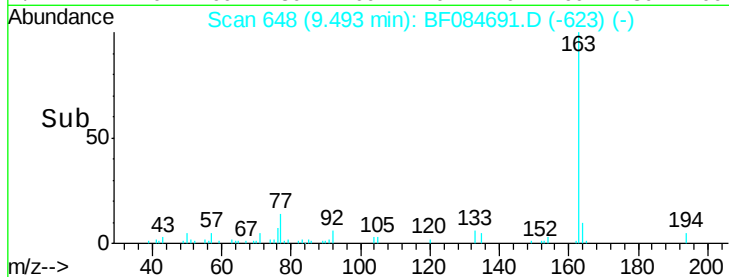
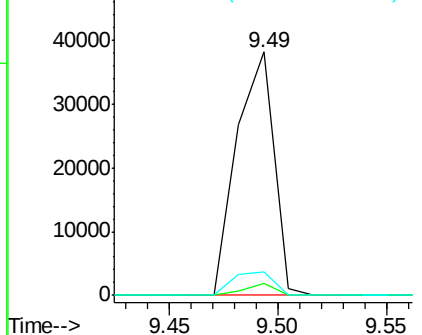
Tot Ion:	163	Resp:	45362
Ion Ratio	Lower	Upper	
163	100		
194	4.7	8.0	12.0#
164	9.7	8.0	12.0

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

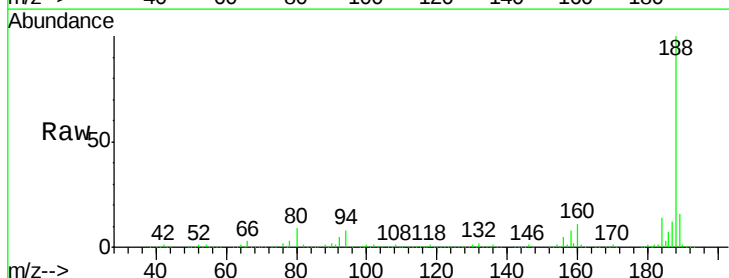
RT: 11.24 min Scan# 801

Delta R.T. -0.00 min

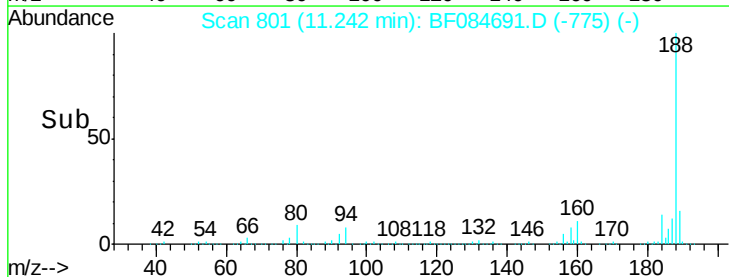
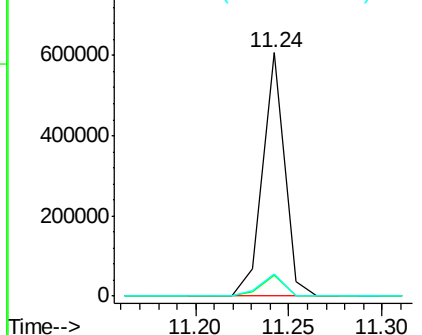
Lab File: BF084691.D

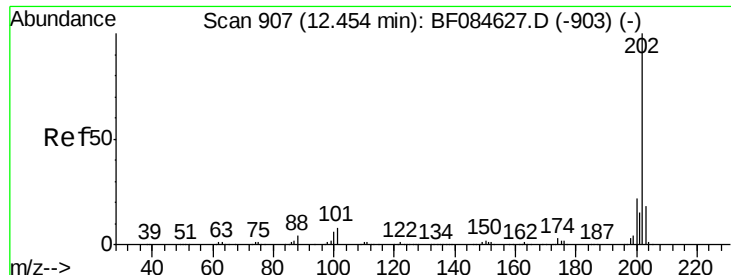
Acq: 30 Jan 2016 17:36

Tgt Ion:	188	Resp:	490496
Ion Ratio	Lower	Upper	
188	100		
94	8.5	9.0	13.4#
80	8.9	9.6	14.4#



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





#74

Fluoranthene

Concen: 2.31 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084691.D

Acq: 30 Jan 2016 17:36

Instrument :

BNA_F

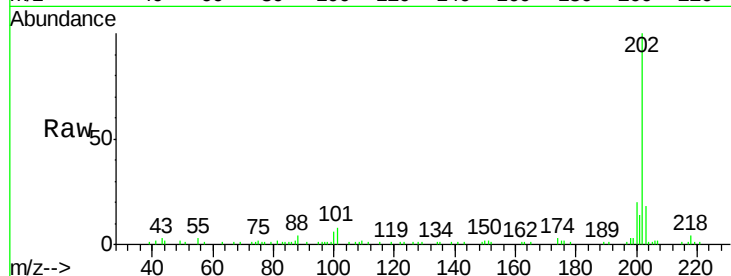
ClientSampleId :

SCARBOROUGH1516-00(0-4)

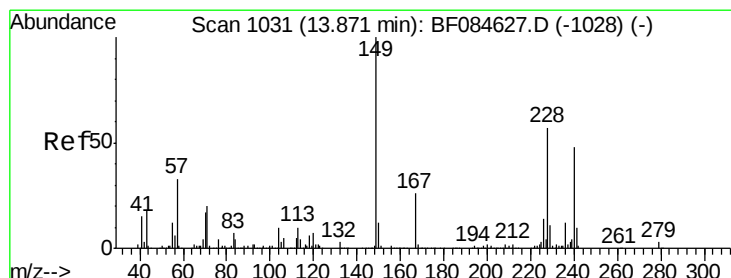
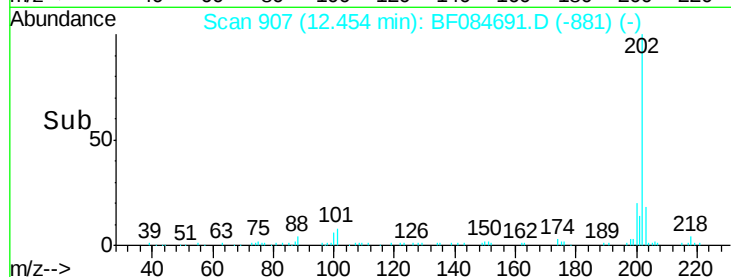
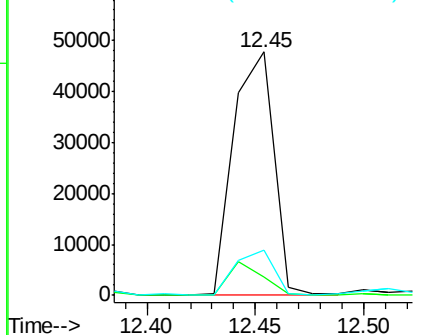
Tot Ion:	202	Resp:	61992
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	32.8
203	18.4	0.0	37.9

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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

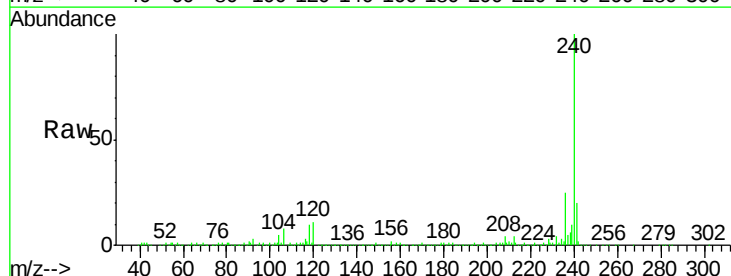
RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

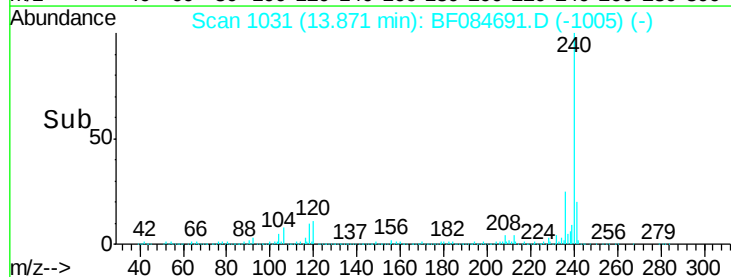
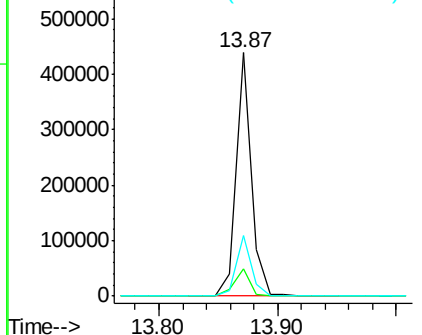
Lab File: BF084691.D

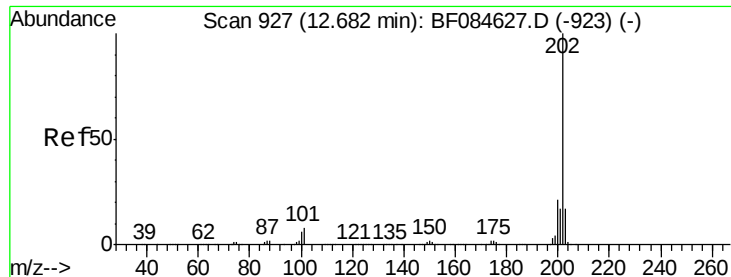
Acq: 30 Jan 2016 17:36

Tgt Ion:	240	Resp:	393275
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	24.6	20.6	31.0



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

Pvrene

Concen: 2.48 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084691.D

Acq: 30 Jan 2016 17:36

Instrument :

BNA_F

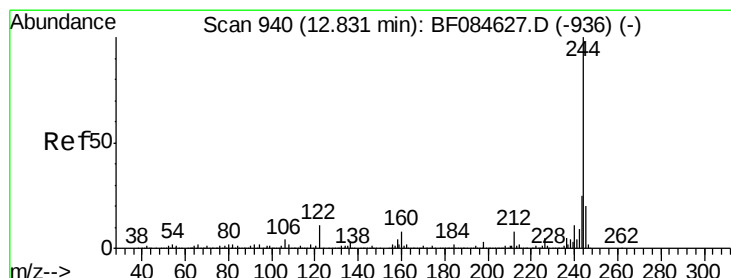
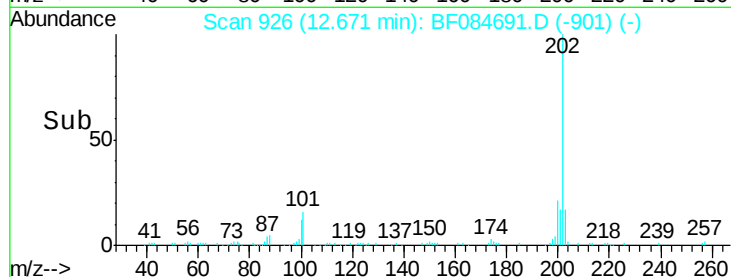
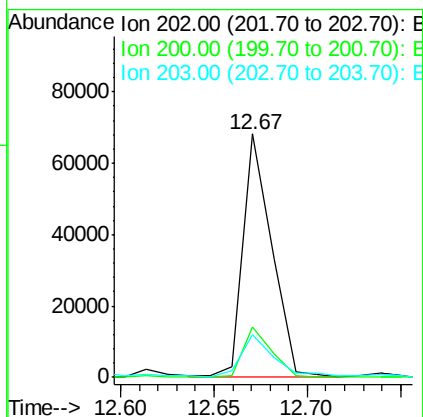
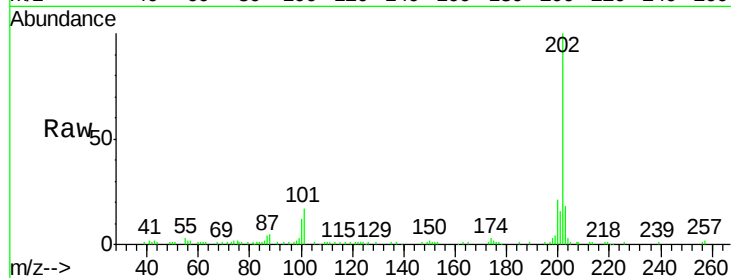
ClientSampleId :

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Tot Ion:	202	Resp:	73645
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.2	25.8
203	17.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 13.82 ng

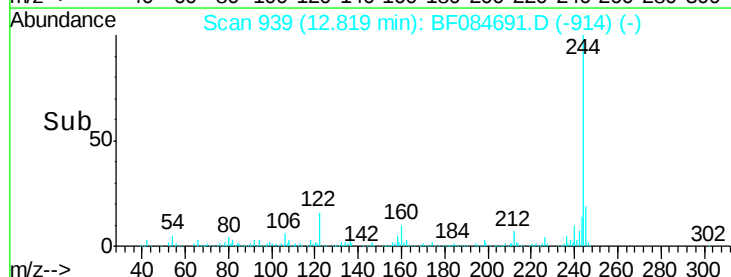
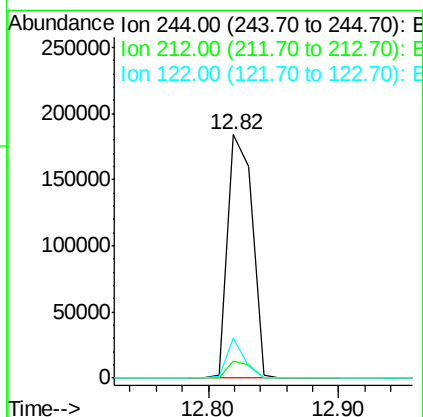
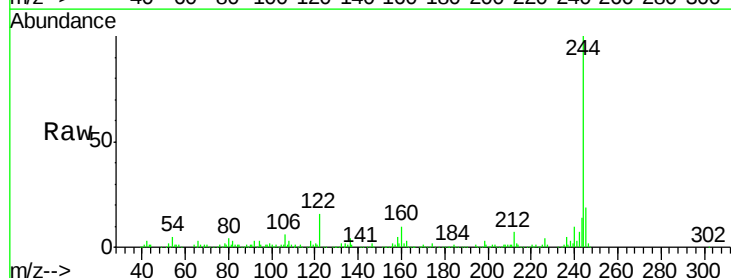
RT: 12.82 min Scan# 939

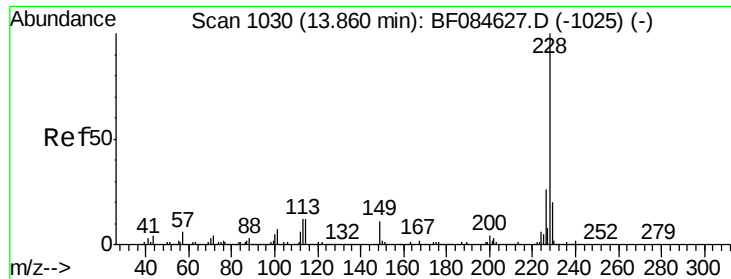
Delta R.T. -0.01 min

Lab File: BF084691.D

Acq: 30 Jan 2016 17:36

Tgt Ion:	244	Resp:	240667
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.7	8.5
122	16.3	7.4	11.0#





#80

Benzo(a)anthracene

Concen: 2.15 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF084691.D

Acq: 30 Jan 2016 17:36

Instrument :

BNA_F

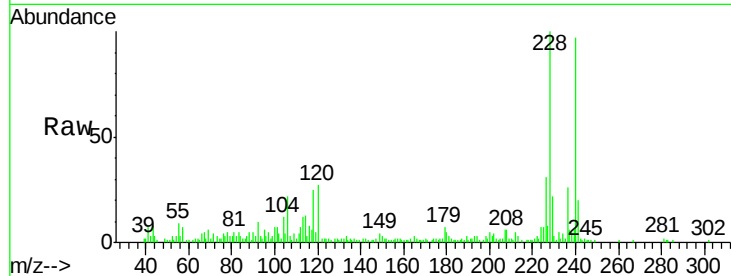
ClientSampleId :

SCARBOROUGH1516-00(0-4)

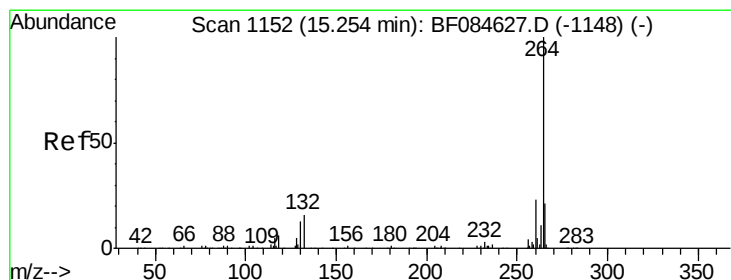
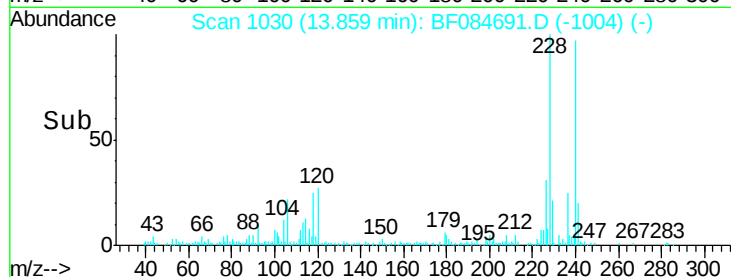
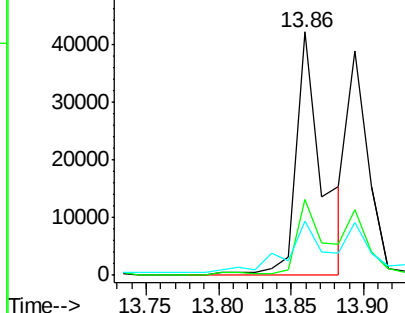
Tot Ion:	228	Resp:	52777
Ion Ratio	Lower	Upper	
228	100		
226	31.3	21.8	32.6
229	22.3	15.8	23.8

Manual Integrations
APPROVED

mohammad
2/1/2016 2:26:57 PM



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: 15.27 min Scan# 1153

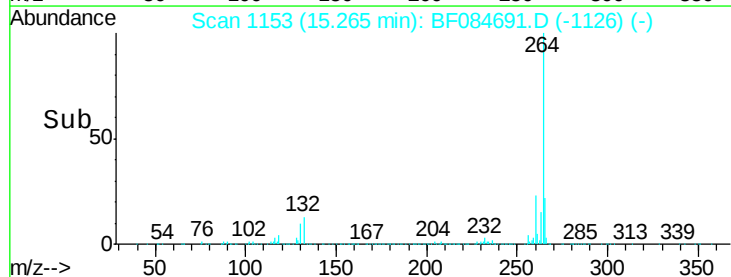
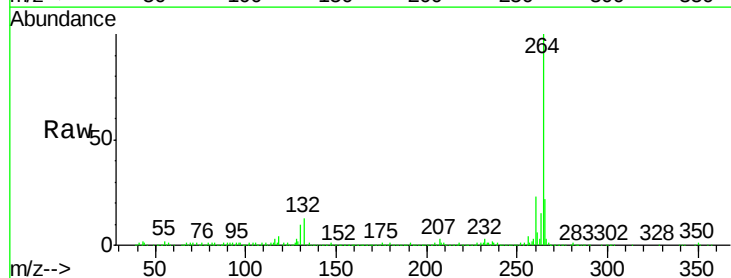
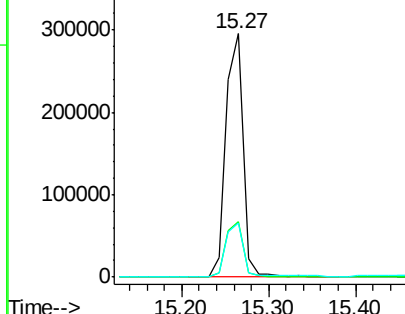
Delta R.T. 0.01 min

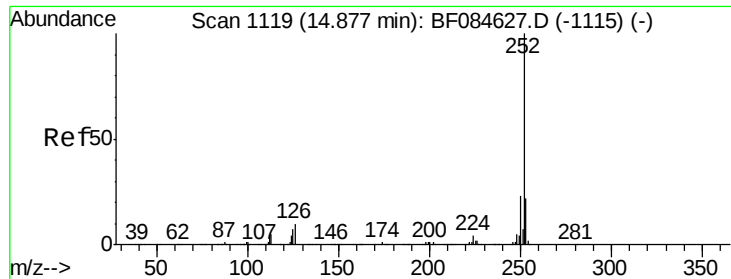
Lab File: BF084691.D

Acq: 30 Jan 2016 17:36

Tgt Ion:	264	Resp:	409686
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.4	29.2
265	22.3	17.8	26.6

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





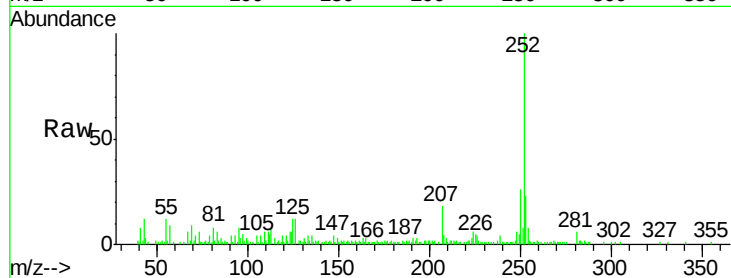
#87
 Benzo(b)fluoranthene
 Concen: 2.72 ng m
 RT: 14.88 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BF084691.D
 Acq: 30 Jan 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	11.8	6.5	9.7

Manual Integrations
 APPROVED

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 2/1/2016 2:26:57 PM



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

