

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094275.D
 Acq On : 7 Apr 2017 16:14
 Operator : SJ/MA
 Sample : I2572-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2891

Manual Integrations
 APPROVED

mohammad
 4/10/2017 2:07:35 PM

Quant Time: Apr 07 16:53:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 14:38:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	176679	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	705965	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	319191	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	535060	20.00	ng	0.00
75) Chrysene-d12	14.56	240	346197	20.00	ng	-0.01
86) Perylene-d12	16.19	264	283766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1434450	137.13	ng	0.02
7) Phenol-d6	5.46	99	1825523	141.07	ng	0.00
23) Nitrobenzene-d5	6.50	82	1146042	92.64	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	369285	146.41	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1683633	80.45	ng	0.00
78) Terphenyl-d14	13.29	244	1217842	78.85	ng	0.00
Target Compounds						
10) Phenol	5.47	94	133648	9.08	ng	84
49) Dimethylphthalate	9.17	163	244477	10.77	ng	98
70) Phenanthrene	11.33	178	90796	3.05	ng	97
74) Fluoranthene	12.80	202	113398	3.72	ng	98
77) Pyrene	13.07	202	112695	4.49	ng	98
82) Chrysene	14.59	228	39059	2.08	ng	95
87) Benzo(b)fluoranthene	15.78	252	39970m	2.30	ng	

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

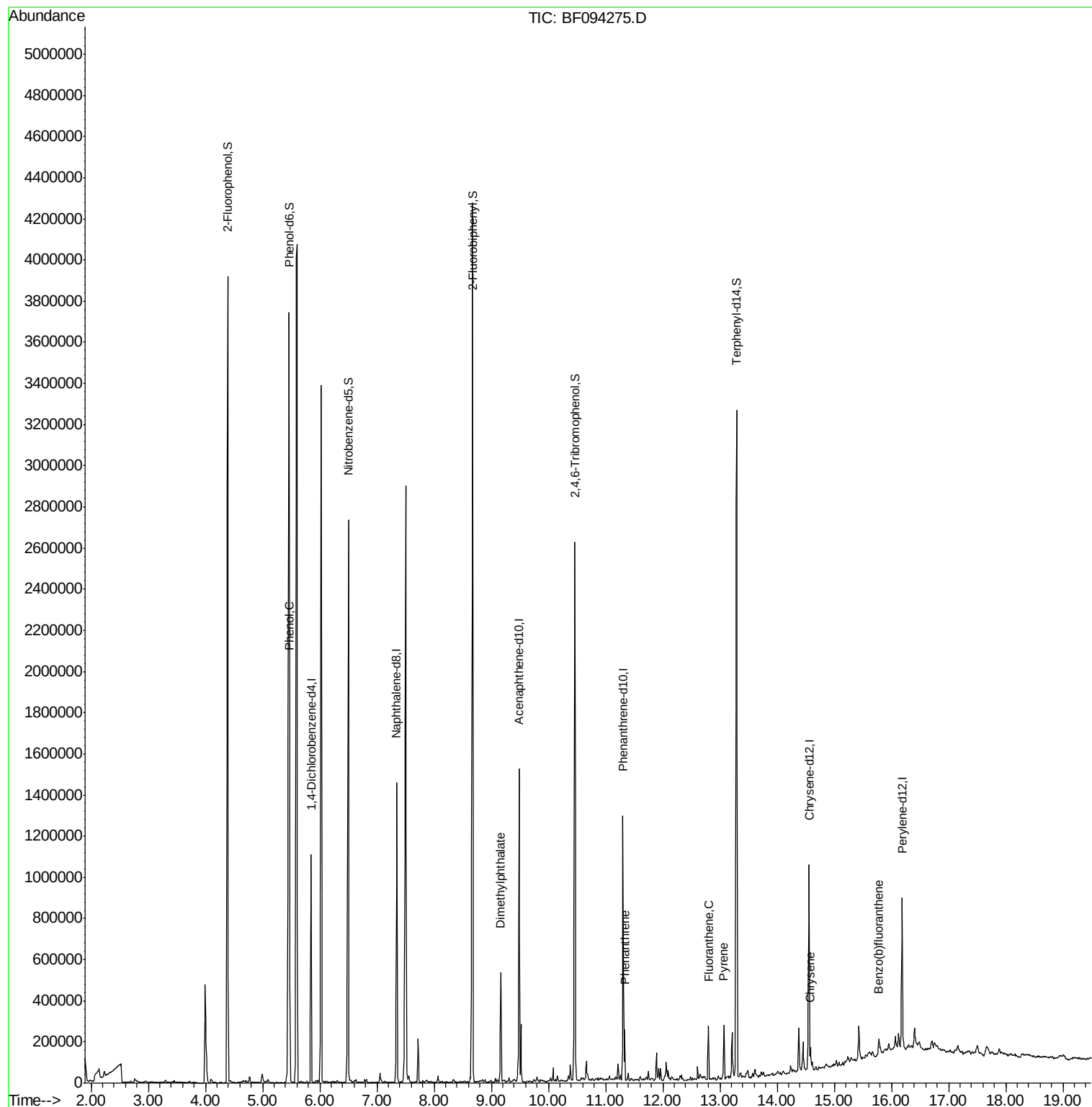
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094275.D
Acq On : 7 Apr 2017 16:14
Operator : SJ/MA
Sample : I2572-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

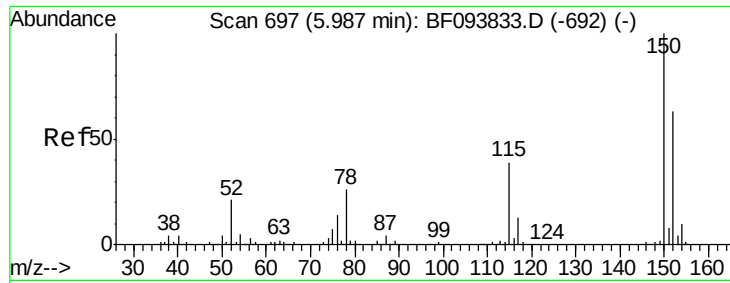
Instrument :
BNA_F
ClientSampleId :
RT-2891

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Quant Time: Apr 07 16:53:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

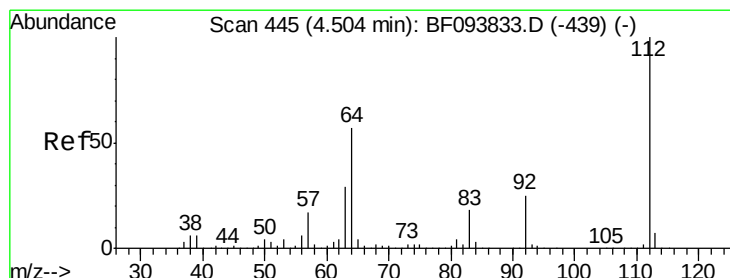
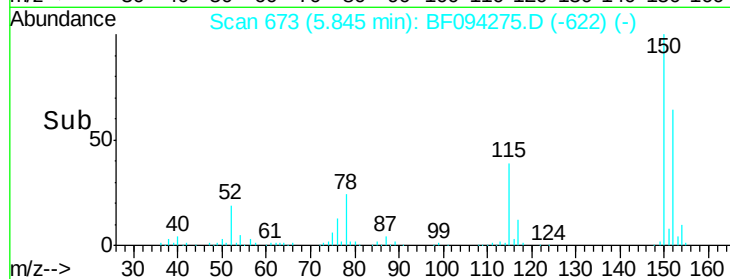
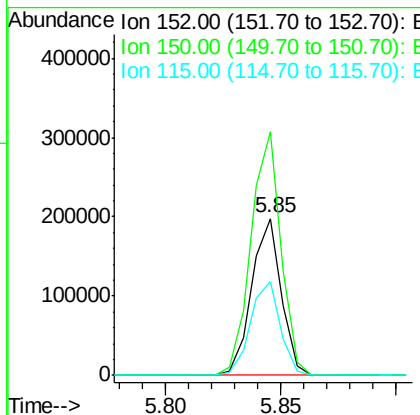
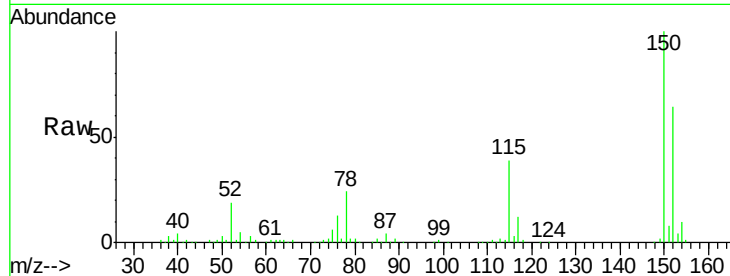
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Instrument :
BNA_F
ClientSampleId :
RT-2891

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	60.0	52.2	78.2

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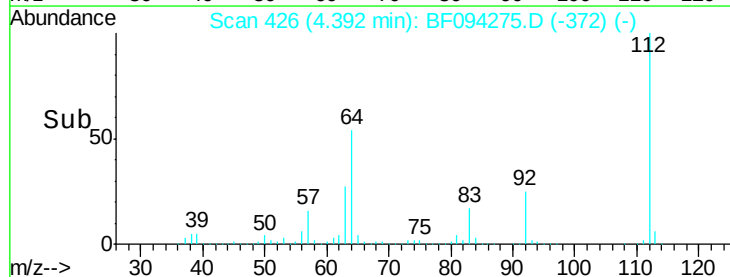
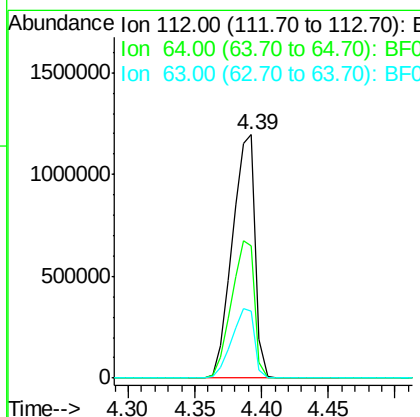
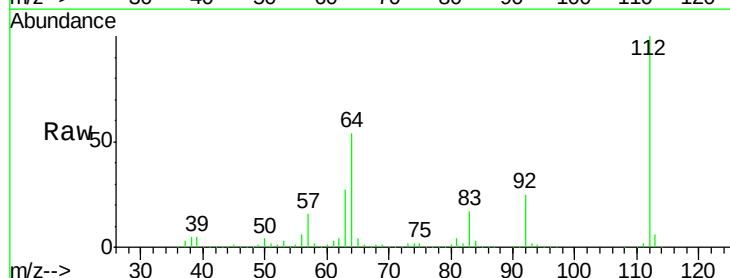
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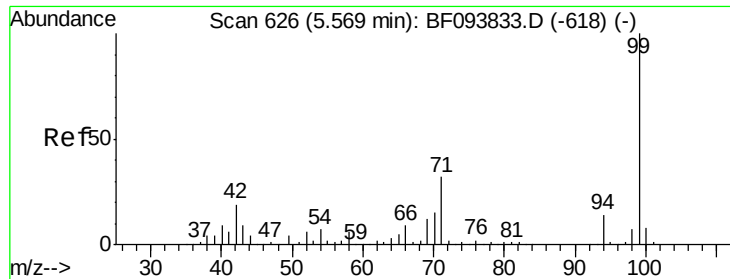


#5

2-Fluorophenol
Concen: 137.13 ng
RT: 4.39 min Scan# 426
Delta R.T. 0.02 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.0	69.0
63	27.3	23.4	35.0





#7

Phenol-d6

Concen: 141.07 ng

RT: 5.46 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

Instrument :

BNA_F

ClientSampleId :

RT-2891

Tot Ion: 99 Resp: 1825523

Ion Ratio Lower Upper

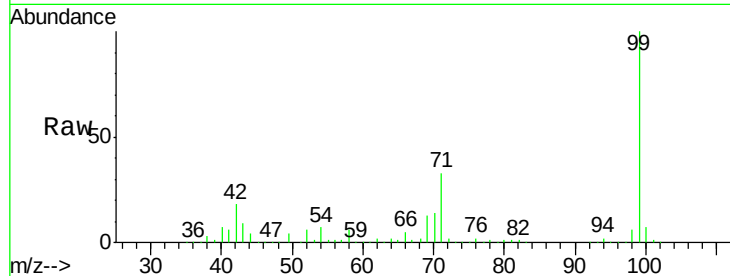
99 100

42 17.7 13.5 20.3

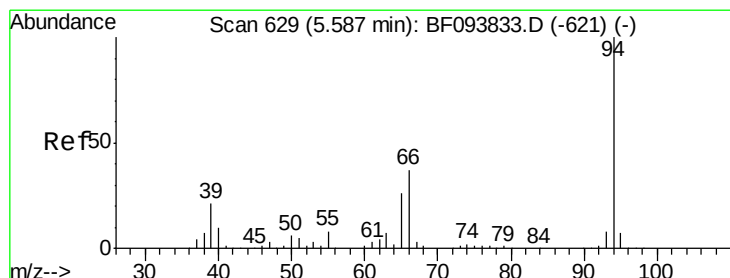
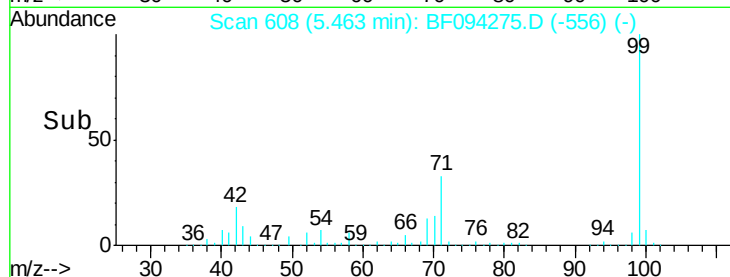
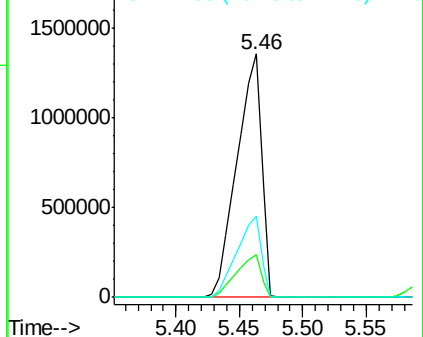
71 33.4 24.5 36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 9.08 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

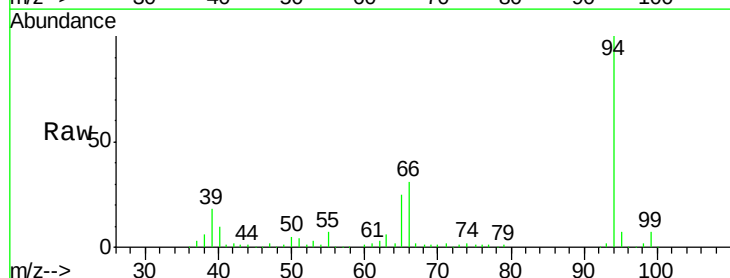
Tgt Ion: 94 Resp: 133648

Ion Ratio Lower Upper

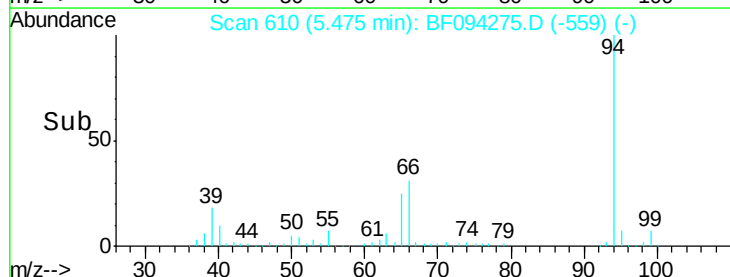
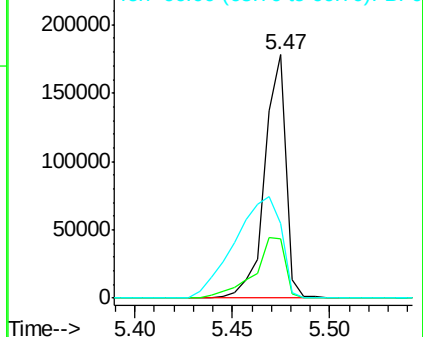
94 100

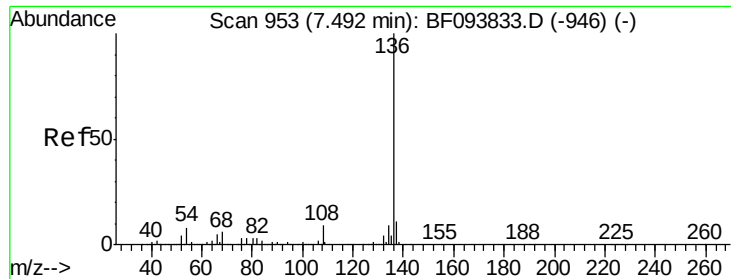
65 24.5 9.9 49.9

66 30.7 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





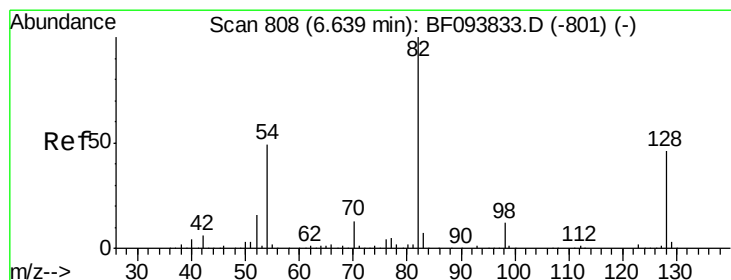
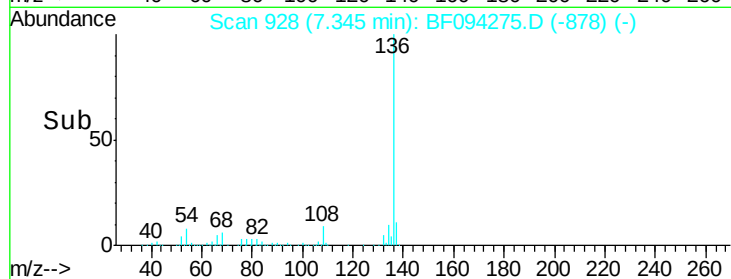
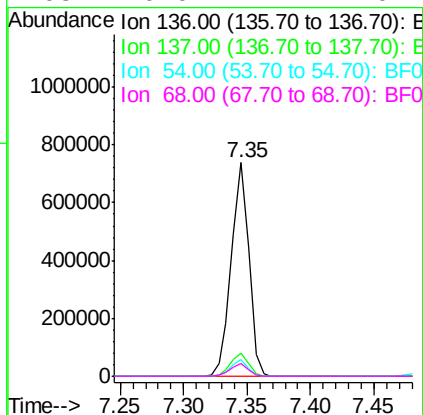
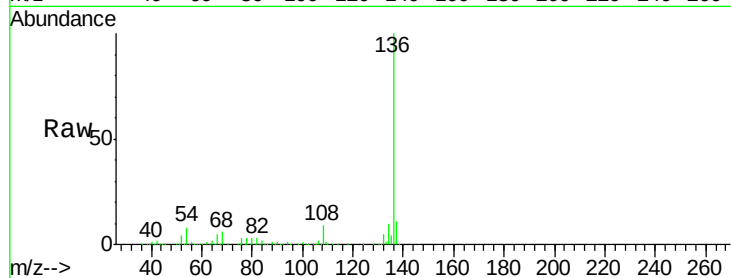
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Instrument :
BNA_F
ClientSampleId :
RT-2891

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.7	4.9	7.3#
68	6.0	4.1	6.1

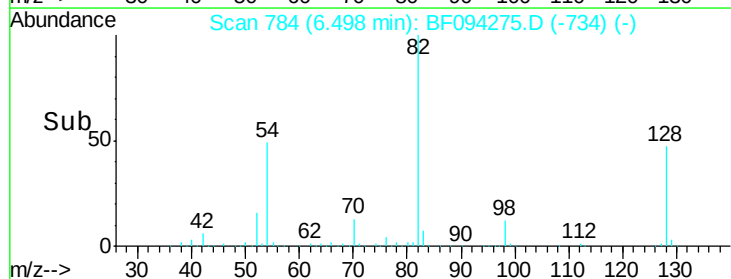
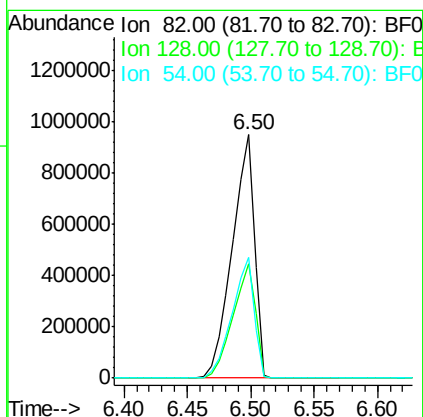
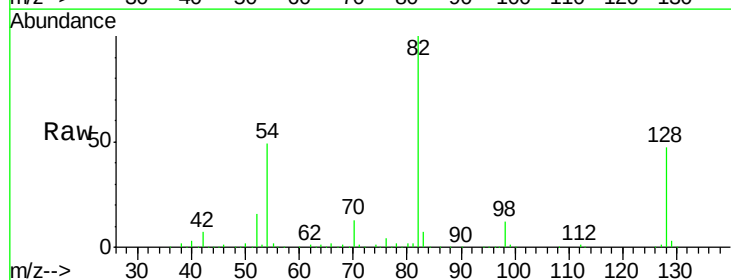
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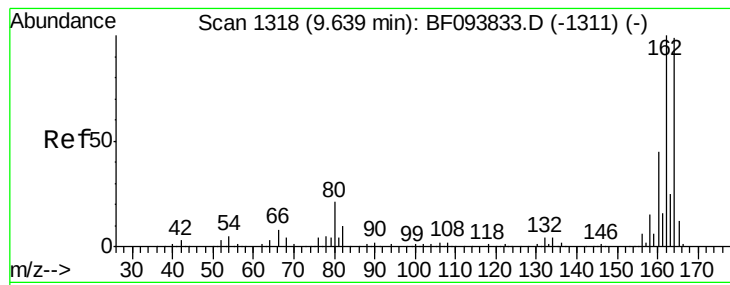
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#23
Nitrobenzene-d5
Concen: 92.64 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.7	34.0	51.0
54	49.5	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.49 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

Instrument :

BNA_F

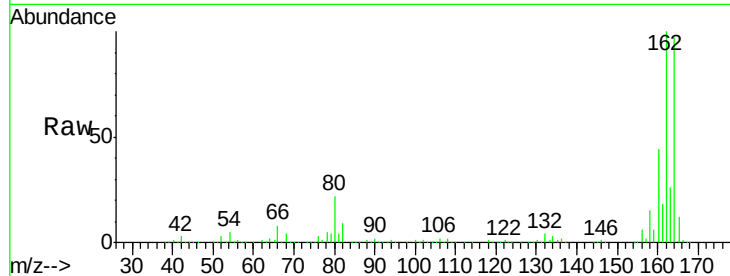
ClientSampleId :

RT-2891

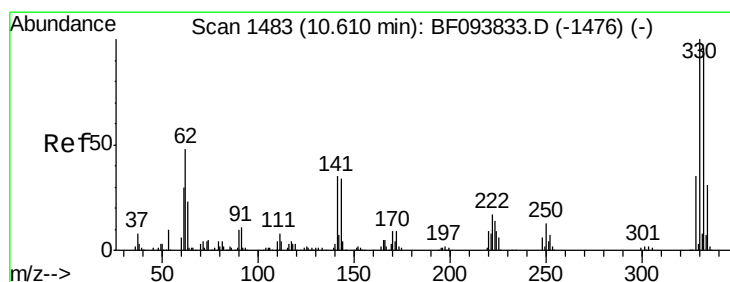
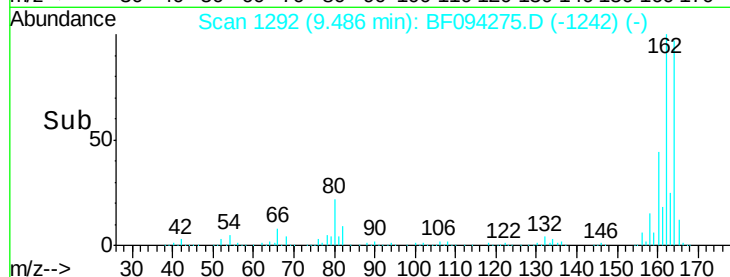
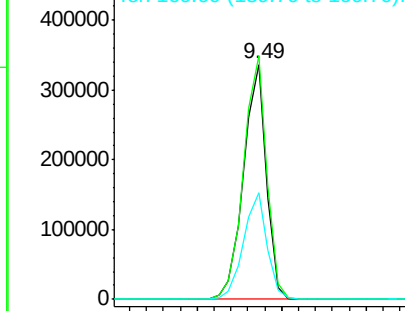
Tot Ion:	164	Resp:	319191
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.6	123.8
160	45.5	36.2	54.2

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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: 146.41 ng

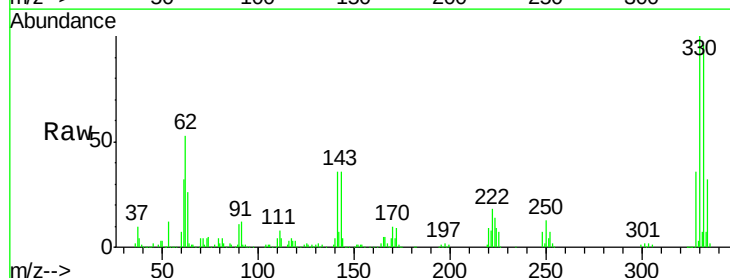
RT: 10.46 min Scan# 1458

Delta R.T. -0.00 min

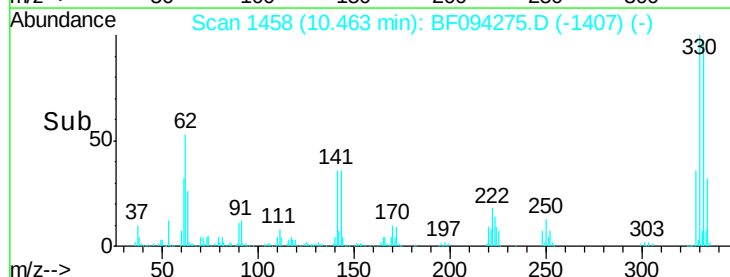
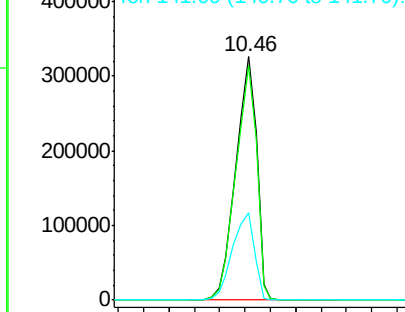
Lab File: BF094275.D

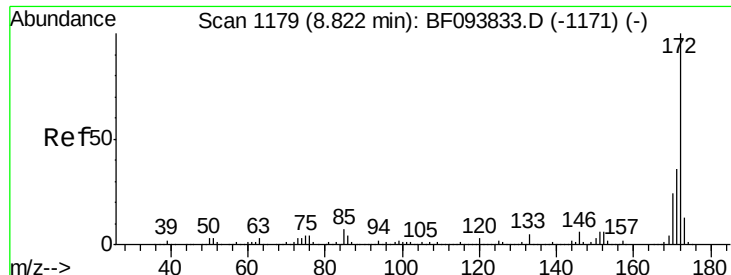
Acq: 7 Apr 2017 16:14

Tgt Ion:	330	Resp:	369285
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	115.0
141	38.2	31.4	47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





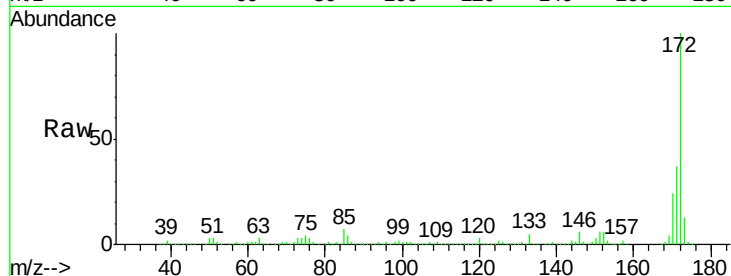
#44
2-Fluorobiphenyl
Concen: 80.45 ng
RT: 8.67 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Instrument :
BNA_F
ClientSampleId :
RT-2891

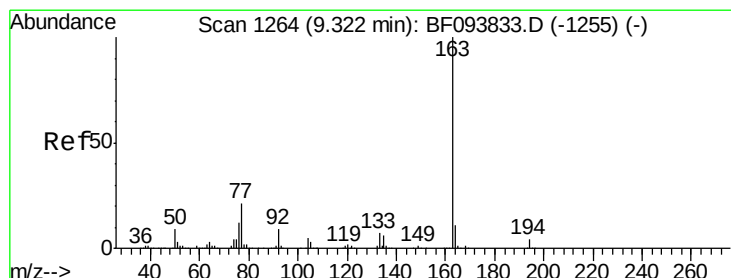
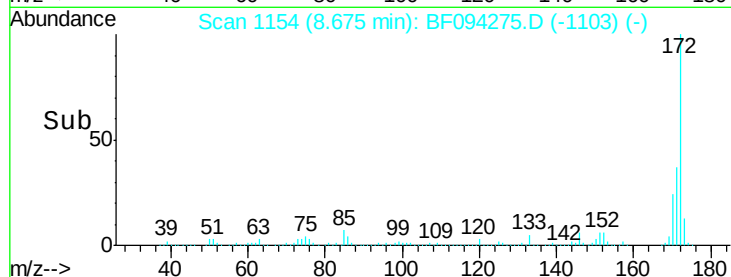
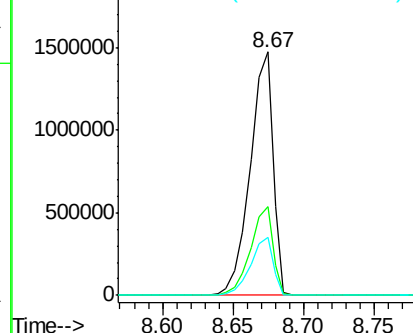
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.9	19.8	29.8

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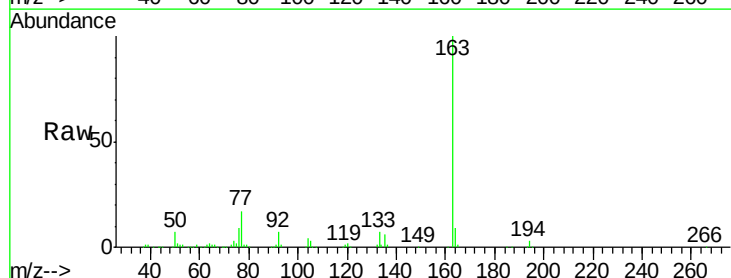


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

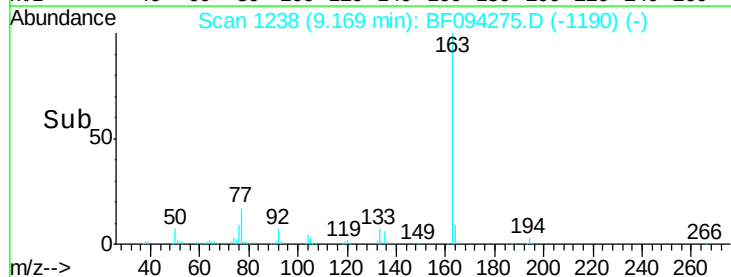
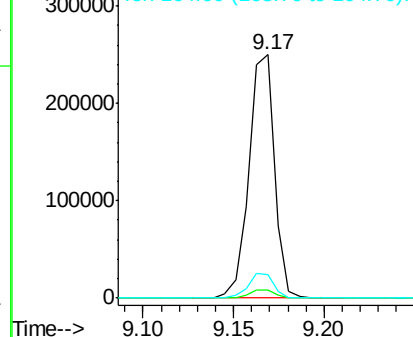


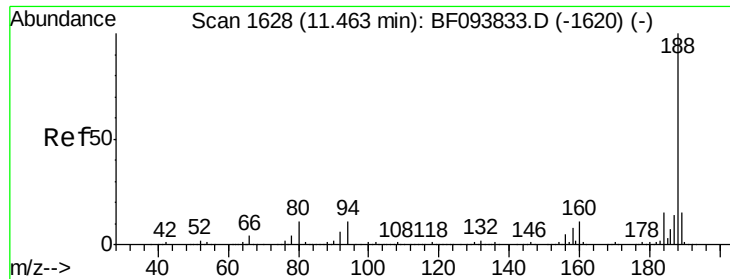
#49
Dimethylphthalate
Concen: 10.77 ng
RT: 9.17 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.5	8.4	12.6



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





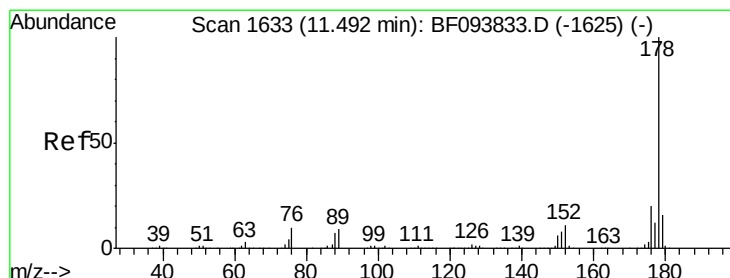
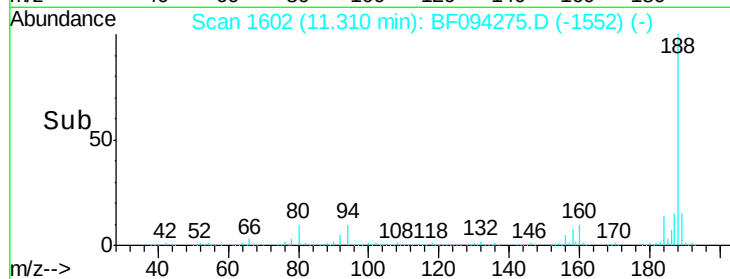
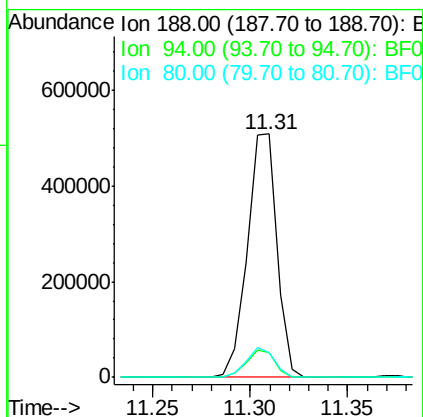
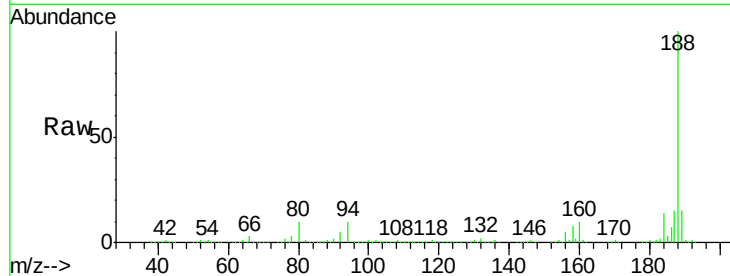
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Instrument :
BNA_F
ClientSampleId :
RT-2891

Tot Ion	Ratio	Resp	Lower	Upper
188	100	535060		
94	10.4		9.4	14.2
80	10.2		10.2	15.2

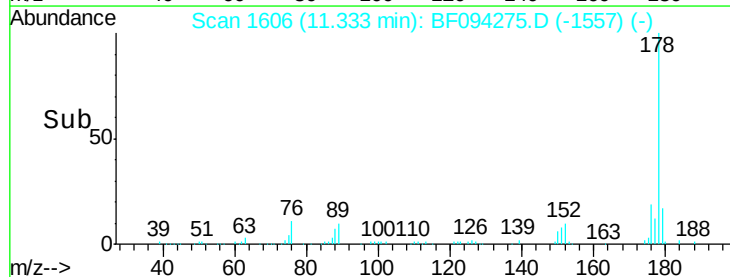
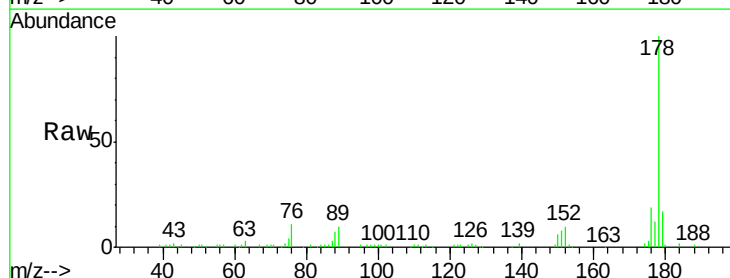
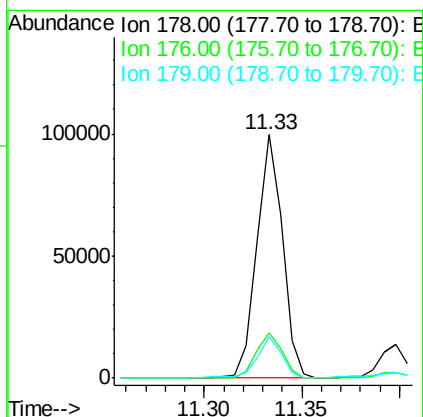
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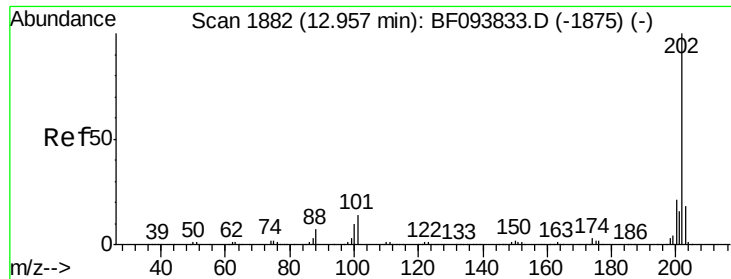
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#70
Phenanthrene
Concen: 3.05 ng
RT: 11.33 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	90796		
176	18.5		16.2	24.4
179	16.8		12.6	19.0





#74

Fluoranthene

Concen: 3.72 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

Instrument :

BNA_F

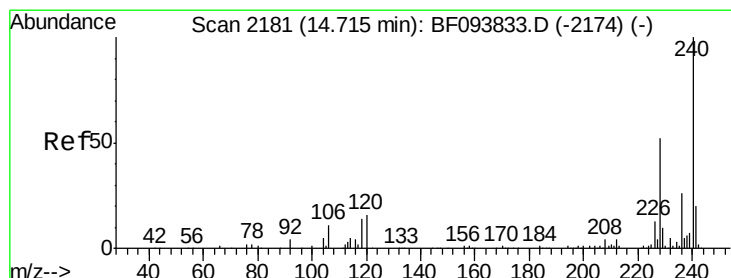
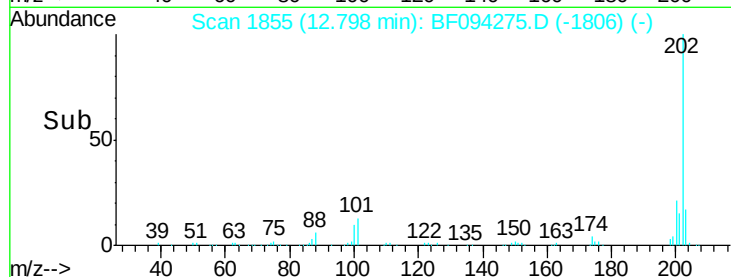
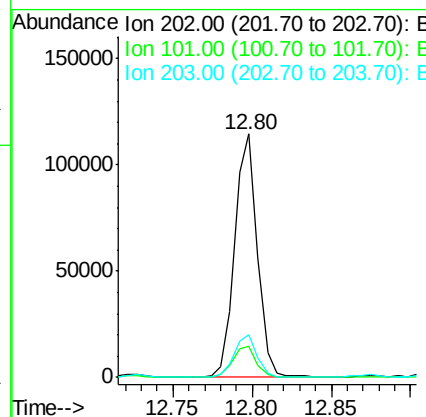
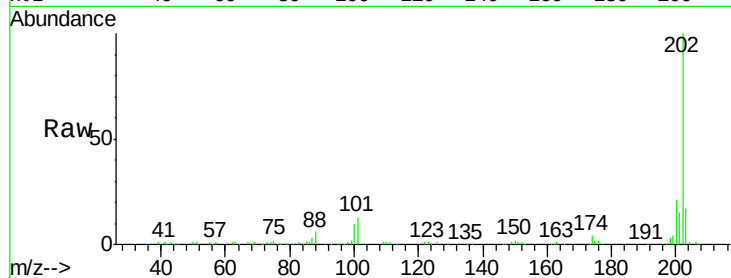
ClientSampleId :

RT-2891

Tot Ion	Ratio	Resp	Lower	Upper
202	100	113398		
101	12.6	0.0	33.2	
203	17.4	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

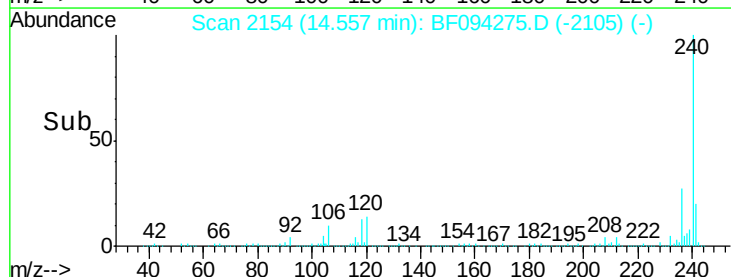
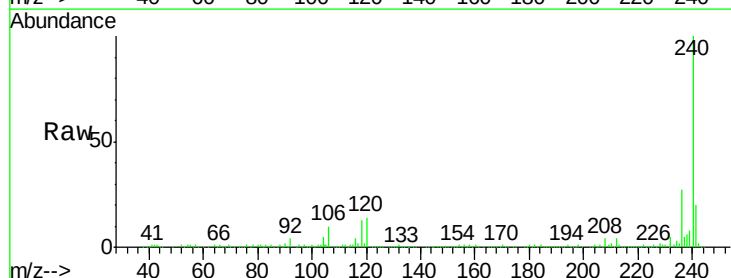
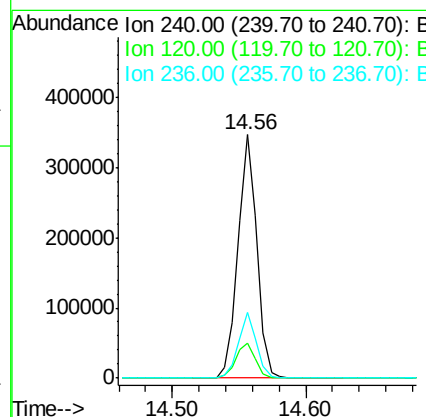
RT: 14.56 min Scan# 2154

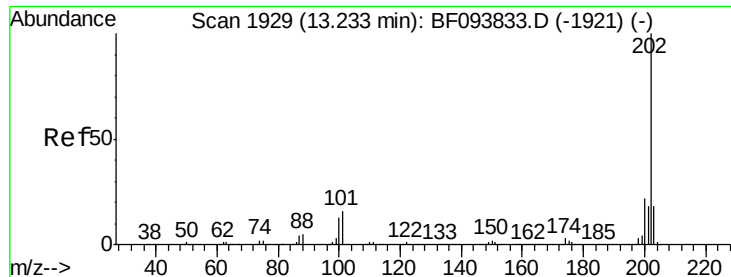
Delta R.T. -0.01 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	346197		
120	14.5	5.8	8.8#	
236	26.8	20.5	30.7	





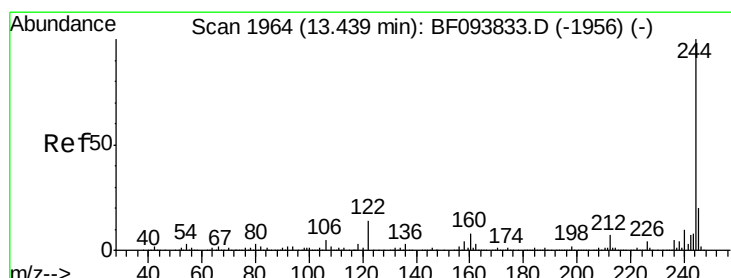
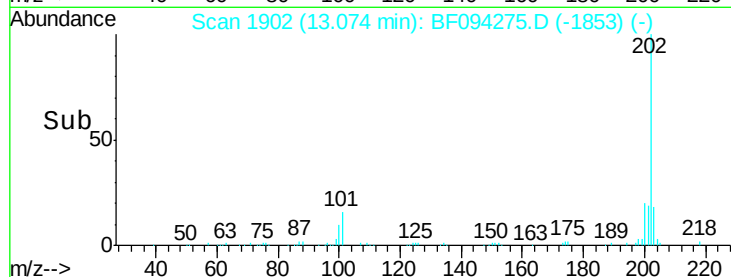
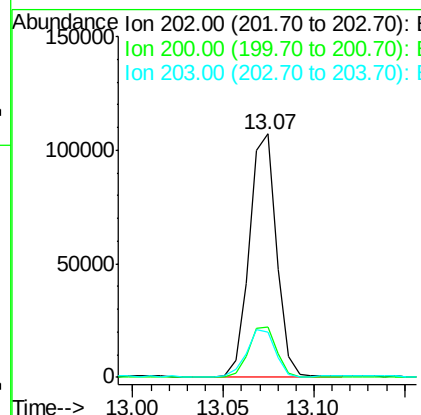
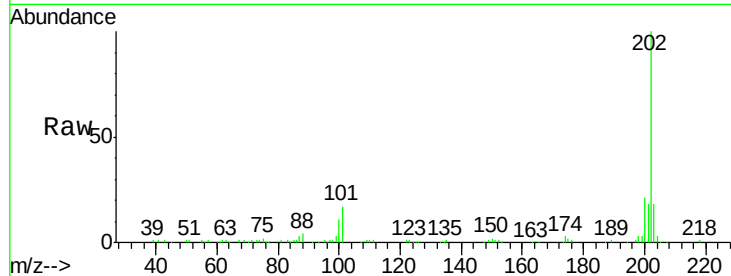
#77
Pvrene
Concen: 4.49 ng
RT: 13.07 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Instrument :
BNA_F
ClientSampled :
RT-2891

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.6	26.4
203	18.5	14.4	21.6

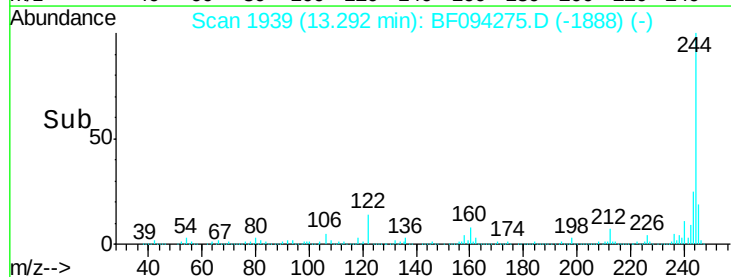
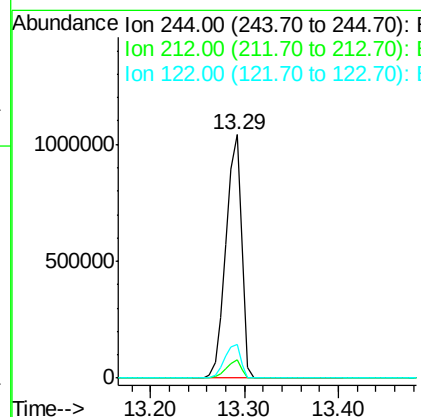
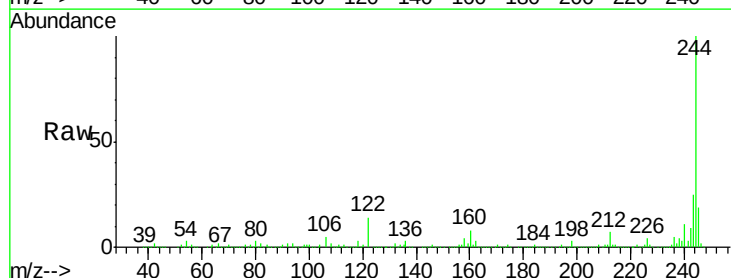
Manual Integrations
APPROVED

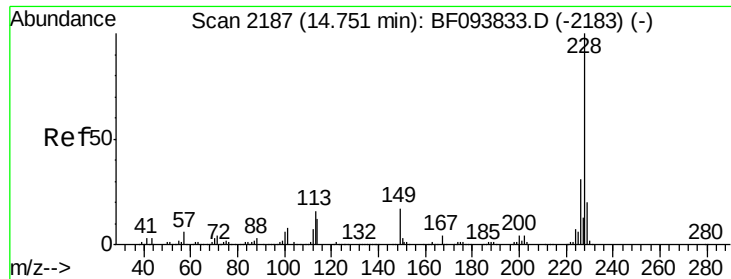
mohammad
4/10/2017 2:07:35 PM



#78
Terphenyl-d14
Concen: 78.85 ng
RT: 13.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.7	10.3	15.5





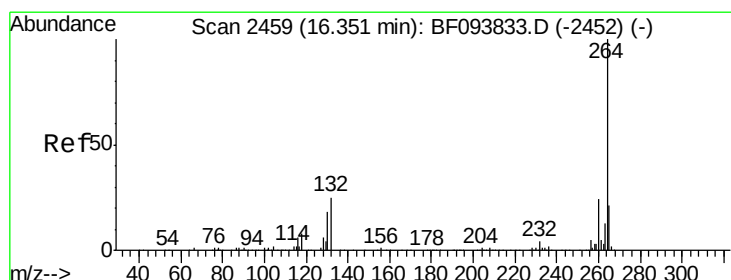
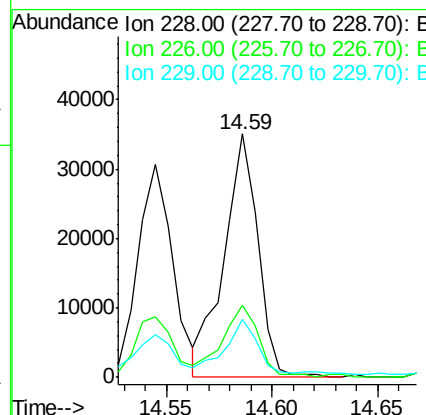
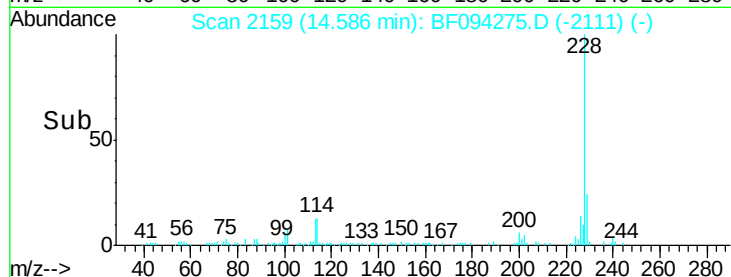
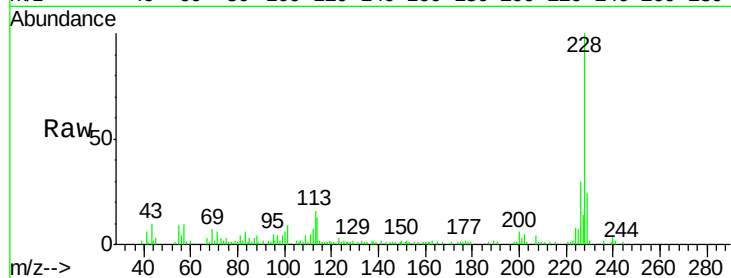
#82
Chrysene
Concen: 2.08 ng
RT: 14.59 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Instrument :
BNA_F
ClientSampleId :
RT-2891

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	23.6	15.8	23.6

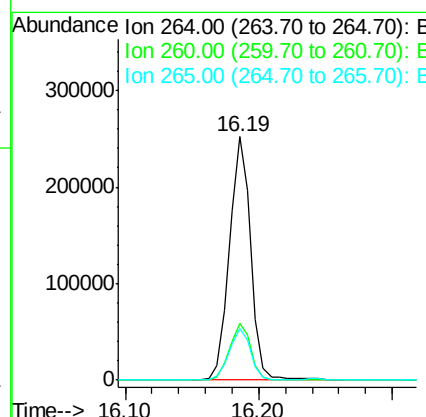
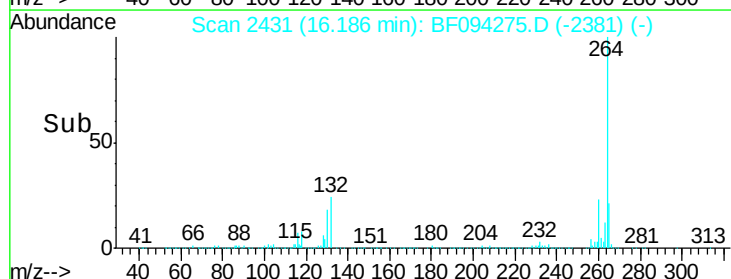
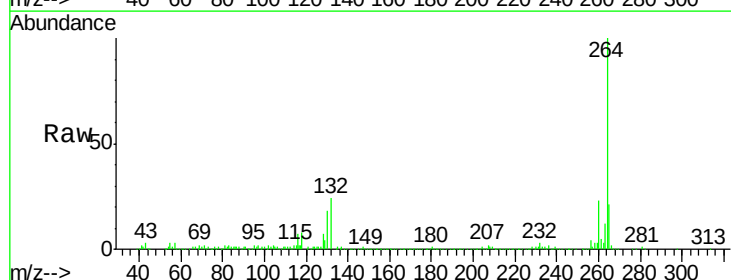
Manual Integrations
APPROVED

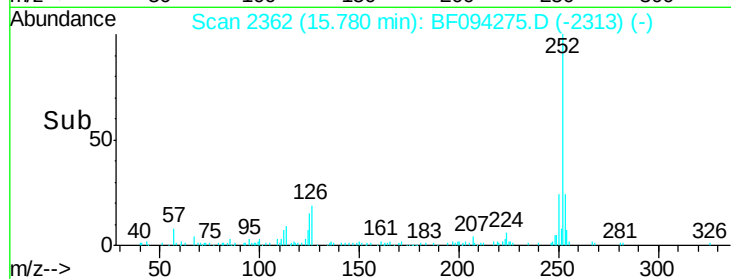
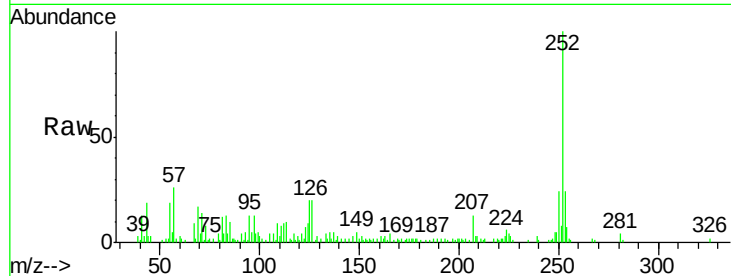
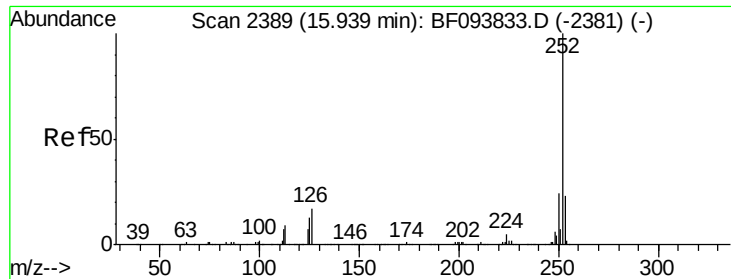
mohammad
4/10/2017 2:07:35 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.30 ng m

RT: 15.78 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

Instrument :

BNA_F

ClientSampleId :

RT-2891

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	19.6	9.8	14.8

Manual Integrations
APPROVED

mohammad
4/10/2017 2:07:35 PM

