

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092324.D
 Acq On : 17 Jan 2017 19:02
 Operator : UM/SJ
 Sample : I1230-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B25

Manual Integrations
 APPROVED

mohammad
 1/18/2017 5:11:30 PM

Quant Time: Jan 18 00:34:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	170262	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	707740	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	370286	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	611151	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	462648	20.00	ng	-0.01
86) Perylene-d12	15.05	264	355127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	984361	96.53	ng	0.00
7) Phenol-d6	6.22	99	1280782	102.88	ng	0.00
23) Nitrobenzene-d5	7.12	82	774248	60.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	268080	87.48	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1093941	56.15	ng	0.00
78) Terphenyl-d14	12.65	244	876621	45.95	ng	0.00
Target Compounds						
10) Phenol	6.23	94	51499	3.63	ng	# 76
49) Dimethylphthalate	9.32	163	107472	4.54	ng	# 99
77) Pyrene	12.50	202	85113	2.51	ng	96
80) Benzo(a)anthracene	13.67	228	66415m	2.54	ng	
87) Benzo(b)fluoranthene	14.69	252	64086m	2.90	ng	

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

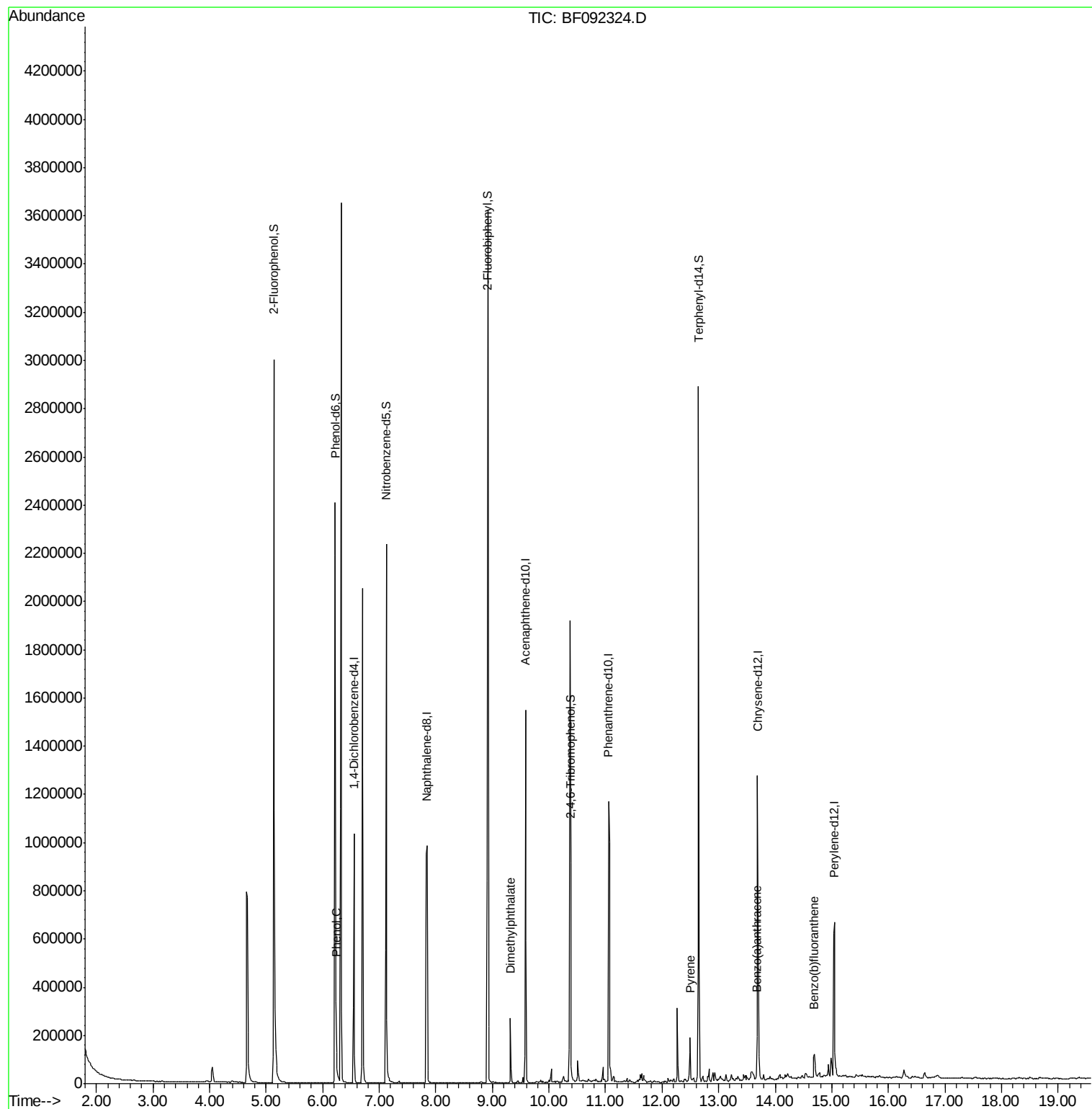
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092324.D
Acq On : 17 Jan 2017 19:02
Operator : UM/SJ
Sample : I1230-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

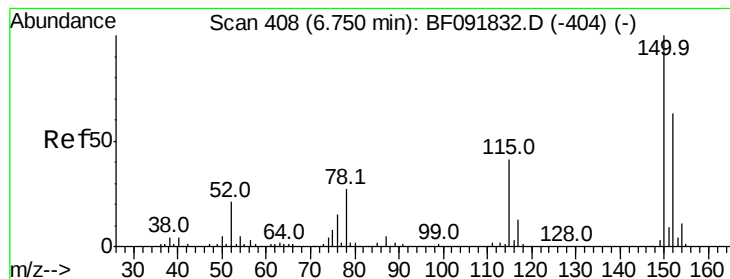
Instrument :
BNA_F
ClientSampleId :
B25

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Quant Time: Jan 18 00:34:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:11:54 2017
Response via : Initial Calibration





#1

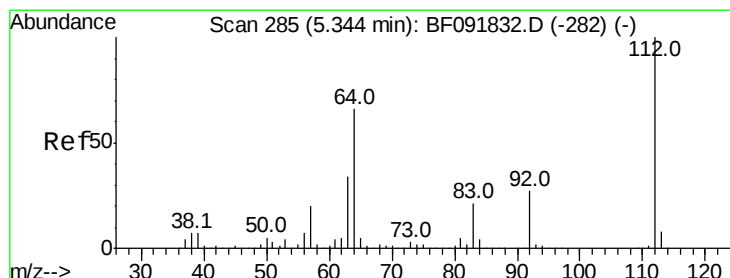
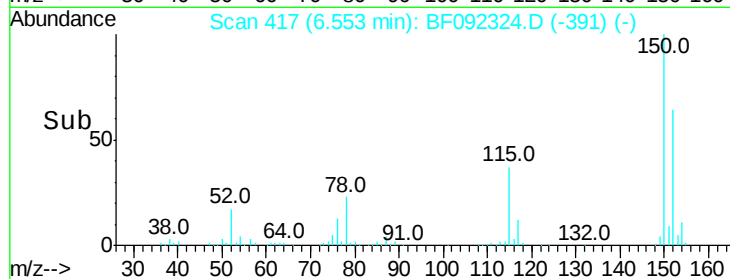
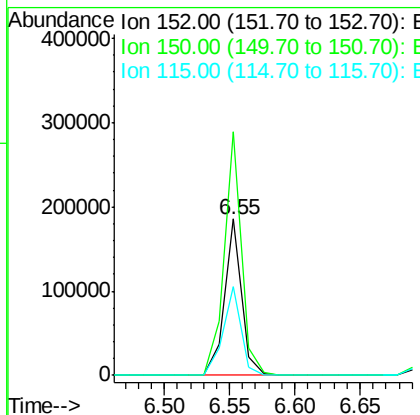
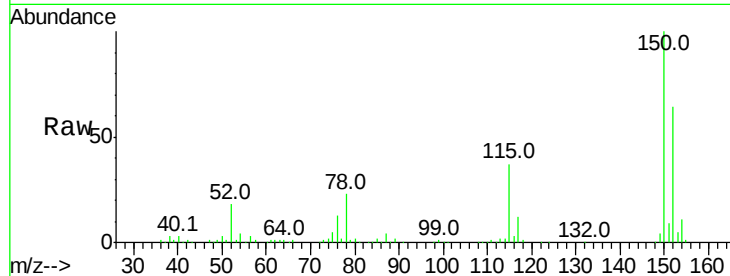
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	57.1	46.0	69.0

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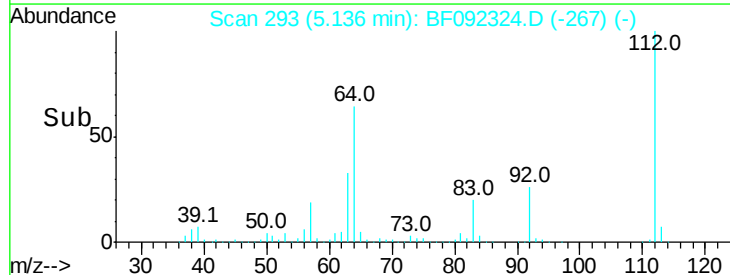
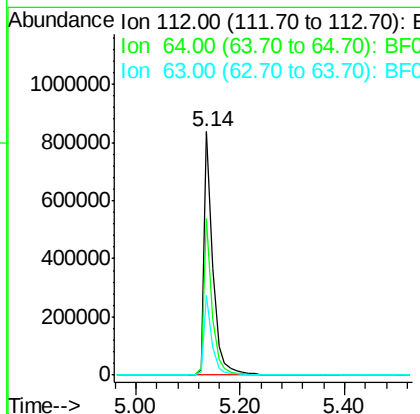
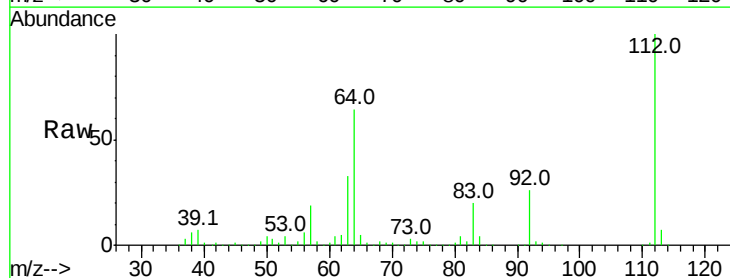
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#5

2-Fluorophenol
Concen: 96.53 ng
RT: 5.14 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.1	69.1
63	32.5	23.8	35.6





#7

Phenol-d6

Concen: 102.88 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092324.D

Acq: 17 Jan 2017 19:02

Instrument :

BNA_F

ClientSampleId :

B25

Tot Ion: 99 Resp: 1280782

Ion Ratio Lower Upper

99 100

42 14.1 15.6 23.4#

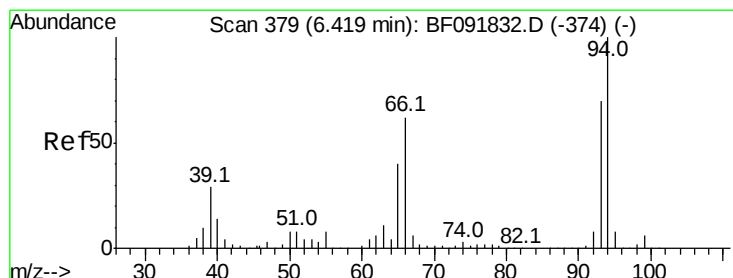
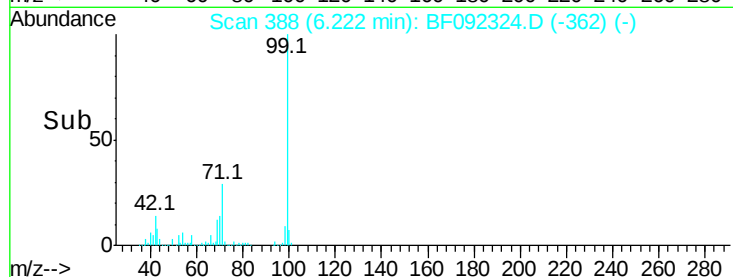
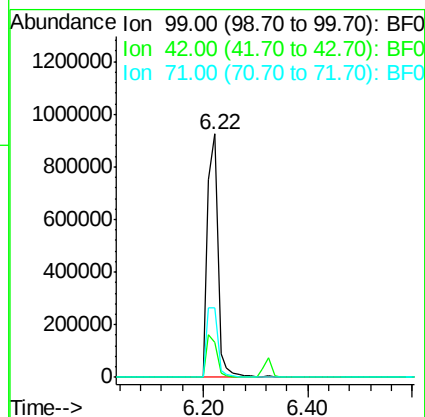
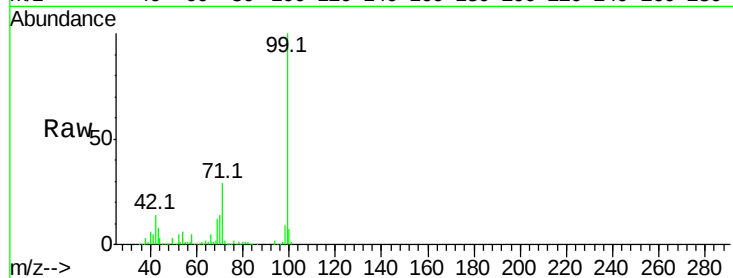
71 28.8 27.5 41.3

Manual Integrations

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#10

Phenol

Concen: 3.63 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092324.D

Acq: 17 Jan 2017 19:02

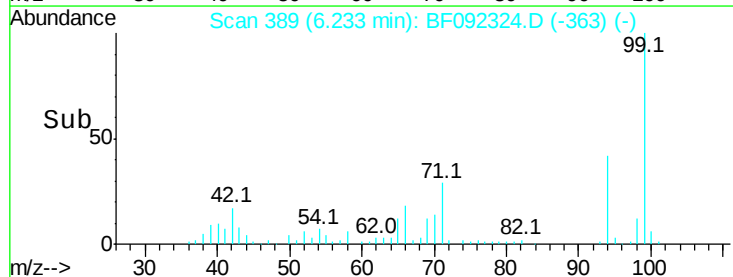
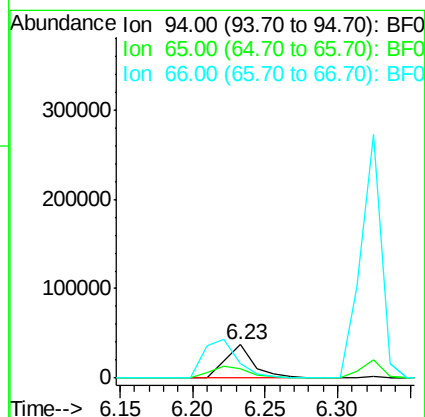
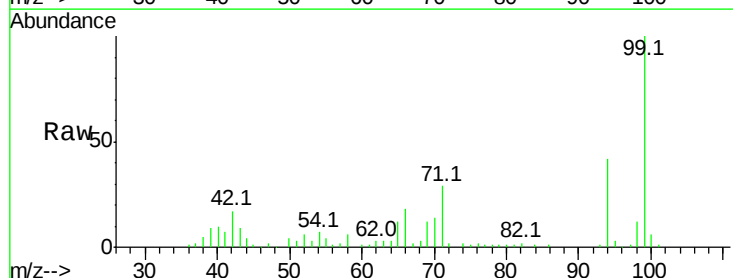
Tgt Ion: 94 Resp: 51499

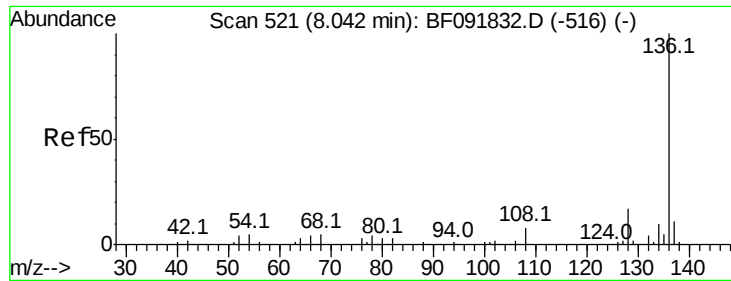
Ion Ratio Lower Upper

94 100

65 28.3 21.4 61.4

66 43.0 44.0 84.0#





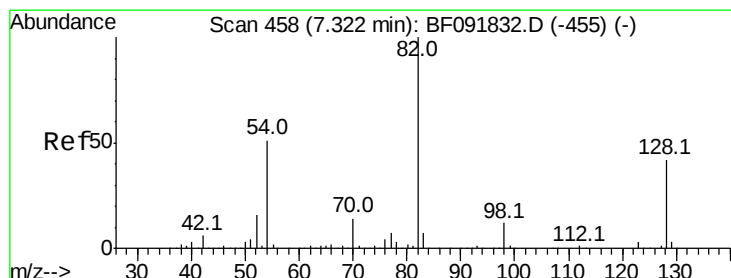
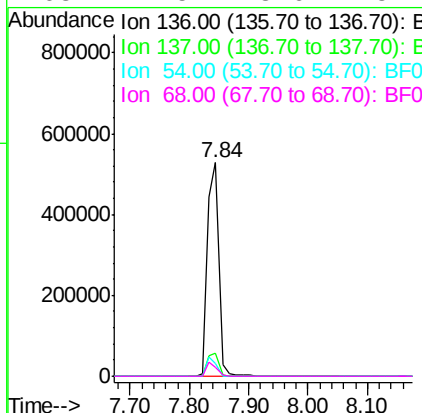
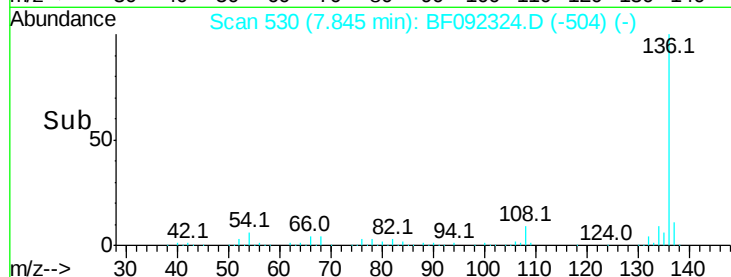
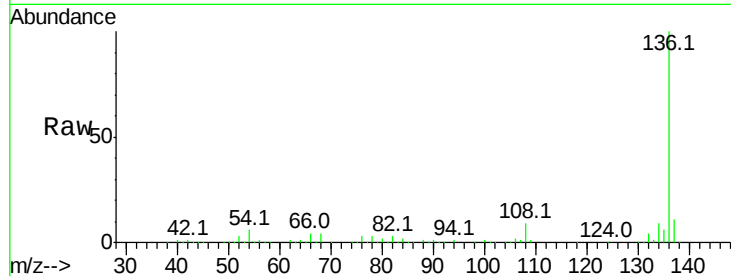
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	5.7	4.5	6.7
68	4.5	3.6	5.4

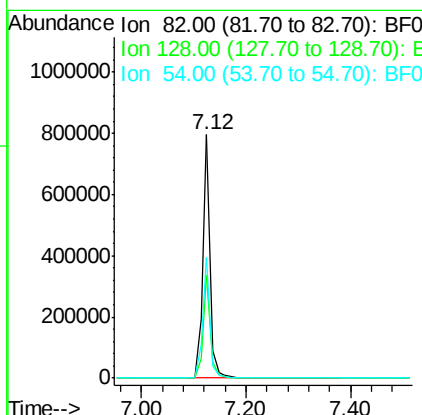
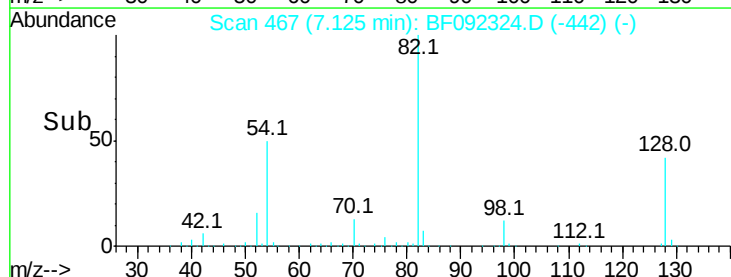
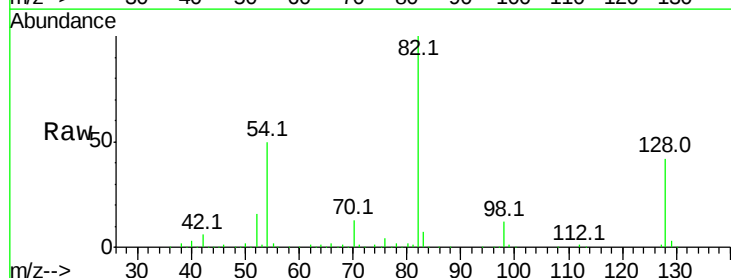
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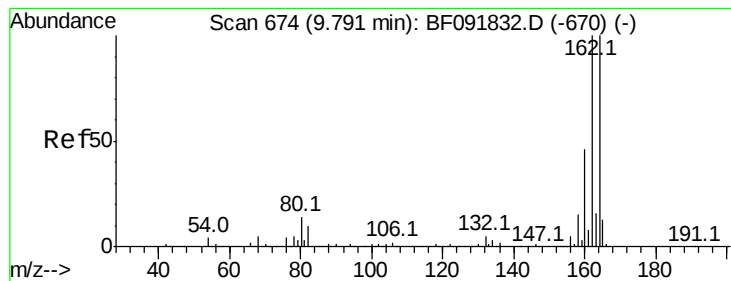
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#23
Nitrobenzene-d5
Concen: 60.83 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	49.8	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092324.D

Acq: 17 Jan 2017 19:02

Instrument :

BNA_F

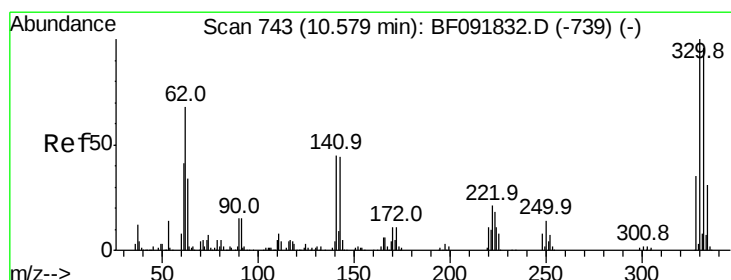
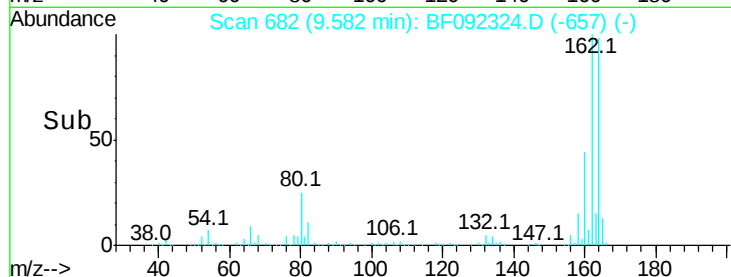
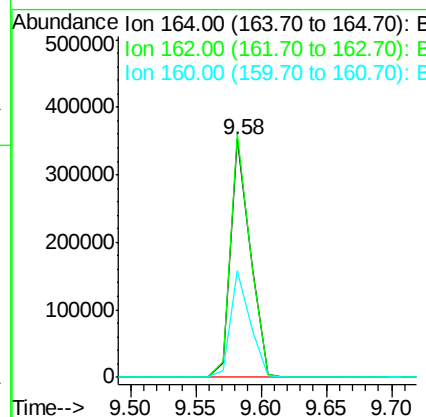
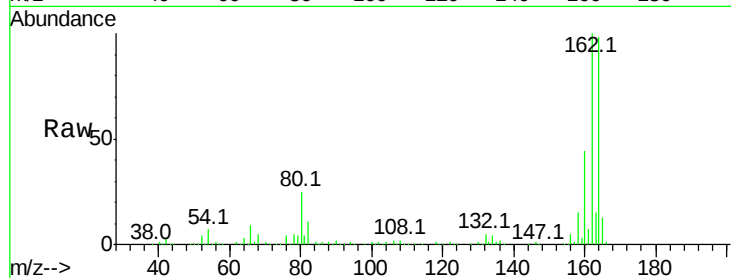
ClientSampled :

B25

Tot Ion:	164	Resp:	370286
Ion Ratio	Lower	Upper	
164	100		
162	102.1	80.2	120.2
160	44.7	36.9	55.3

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 87.48 ng

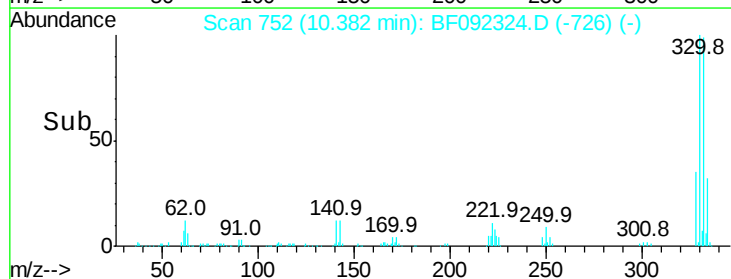
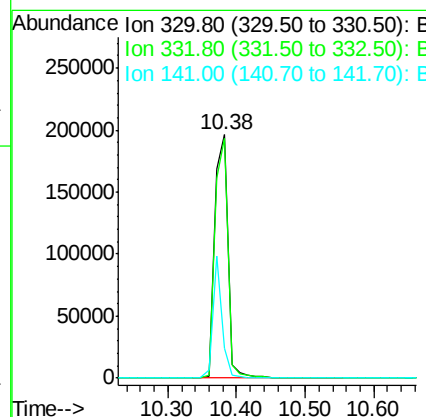
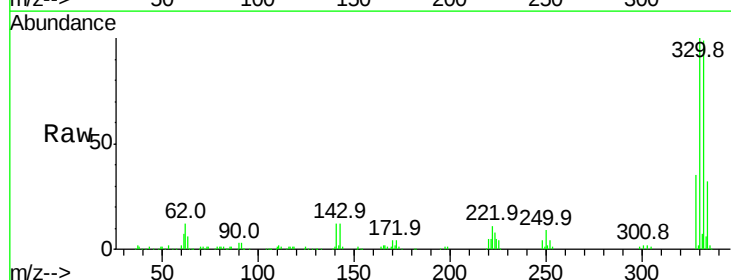
RT: 10.38 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF092324.D

Acq: 17 Jan 2017 19:02

Tgt Ion:	330	Resp:	268080
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.2
141	34.5	34.1	51.1





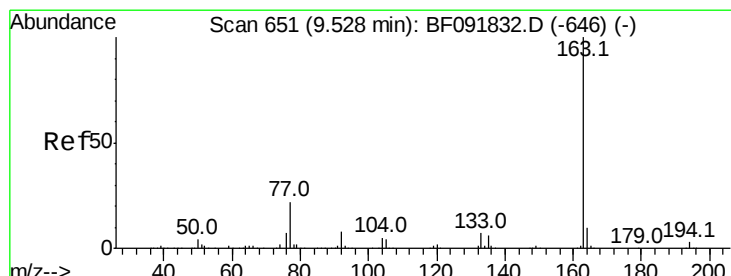
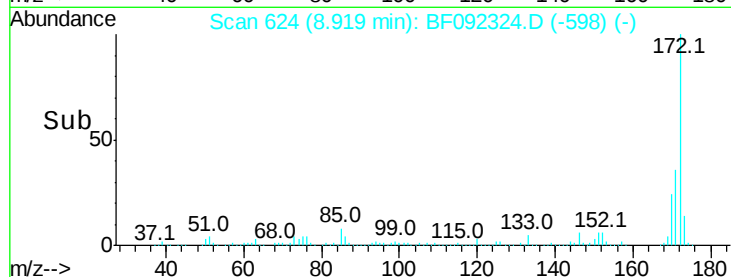
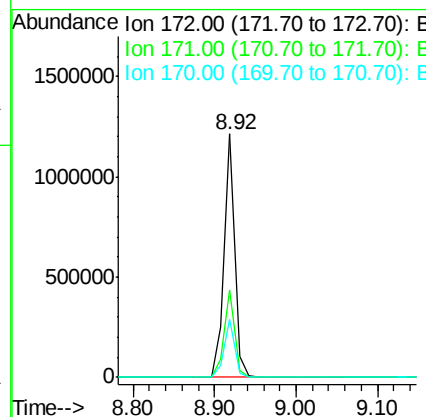
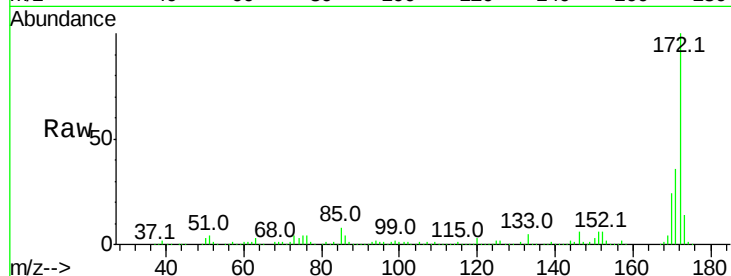
#44
2-Fluorobiphenyl
Concen: 56.15 ng
RT: 8.92 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.7	20.2	30.4

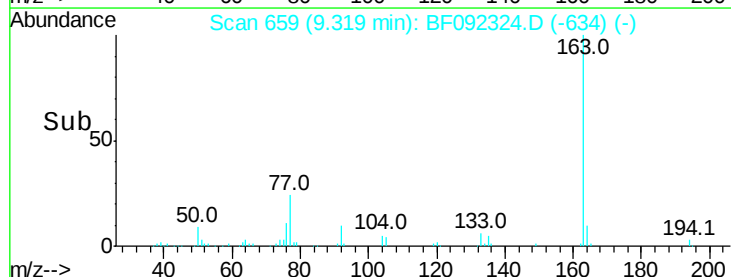
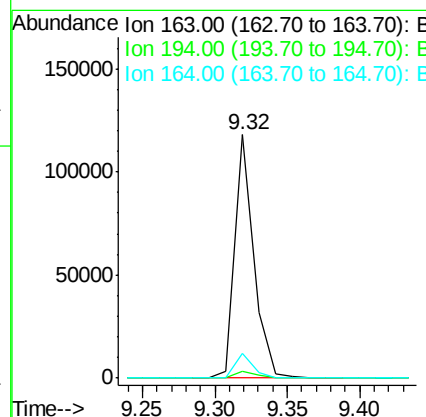
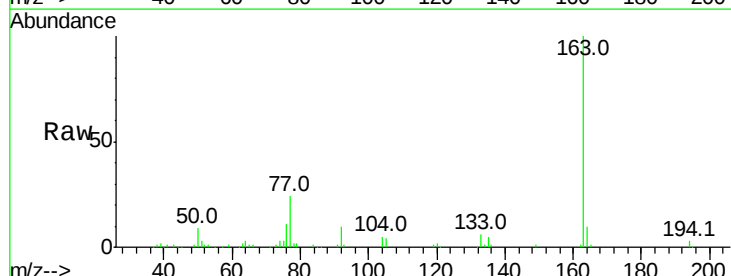
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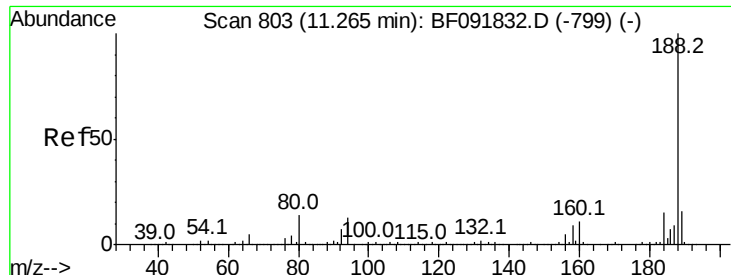
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#49
Dimethylphthalate
Concen: 4.54 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.7	3.0	4.4#
164	10.0	8.0	12.0





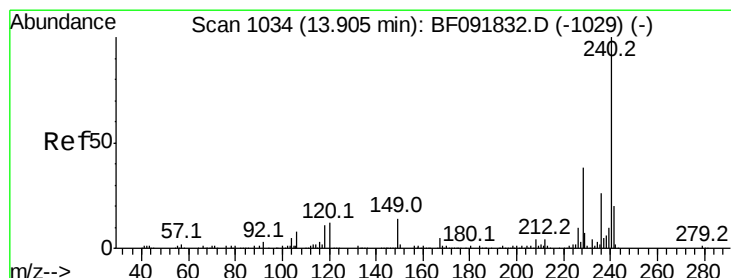
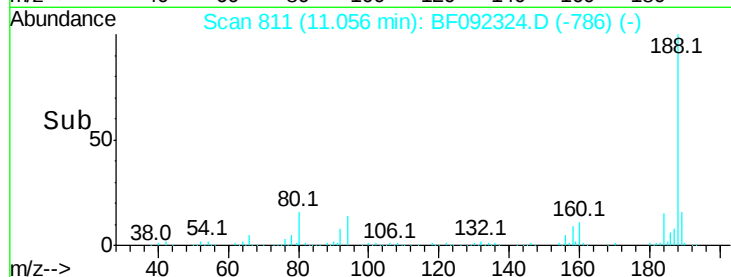
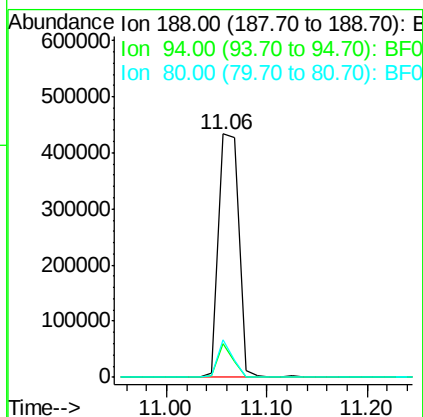
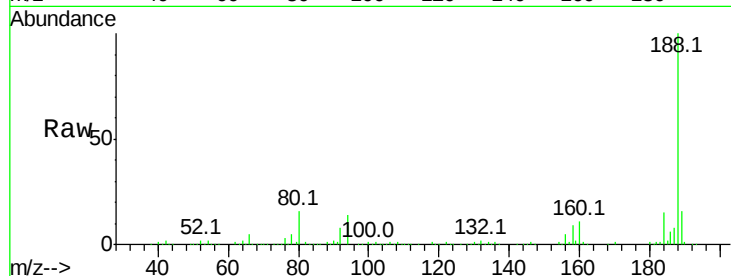
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampled :
B25

Tot Ion	Ratio	Resp	Lower	Upper
188	100	611151		
94	13.6	10.0	15.0	
80	15.7	11.2	16.8	

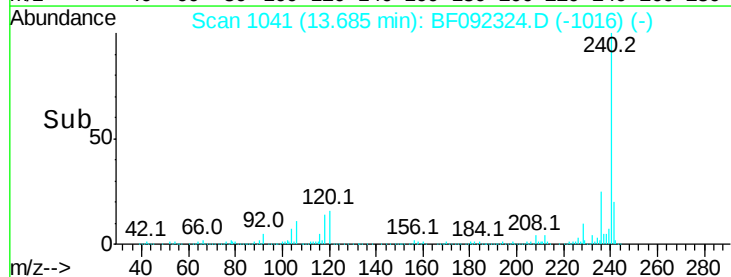
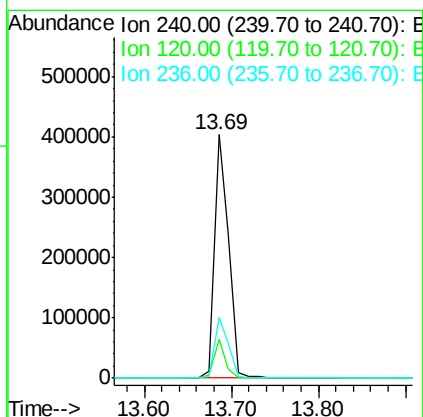
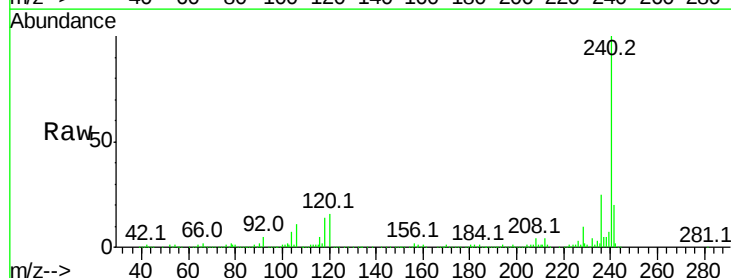
Manual Integrations
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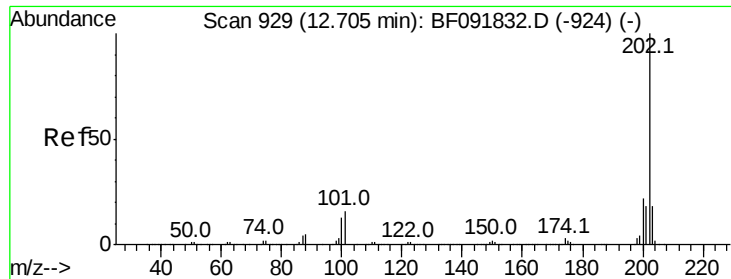
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	462648		
120	15.7	12.9	19.3	
236	25.0	20.9	31.3	





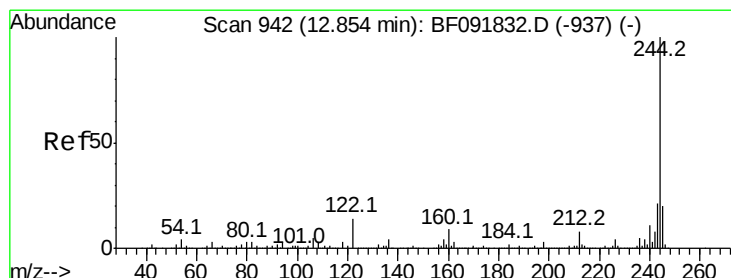
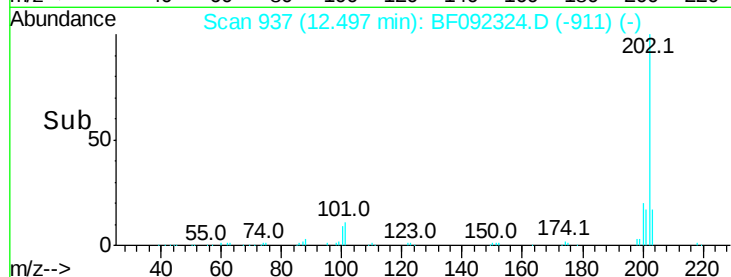
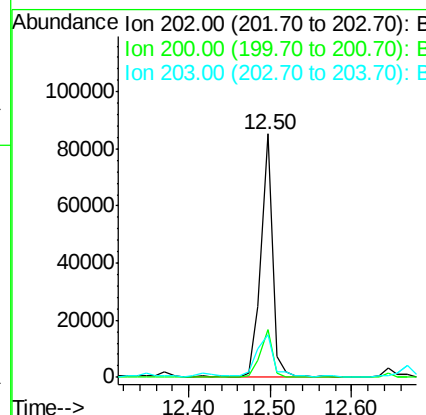
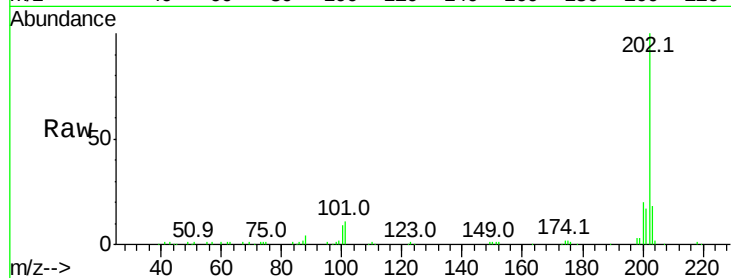
#77
Pvrene
Concen: 2.51 ng
RT: 12.50 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampleId :
B25

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.7	26.5
203	17.5	14.7	22.1

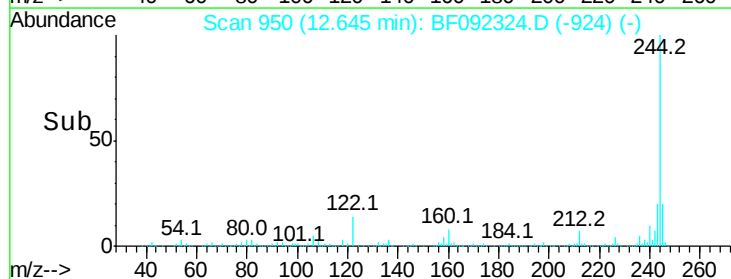
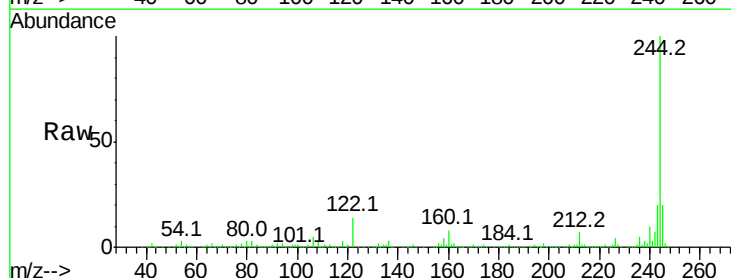
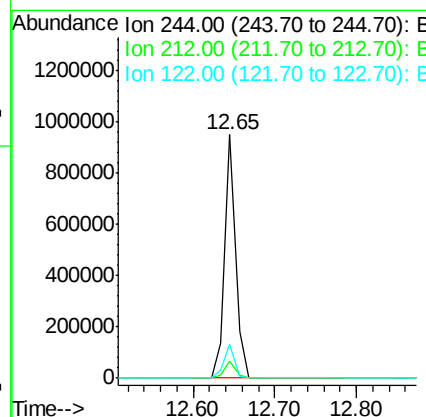
Manual Integrations
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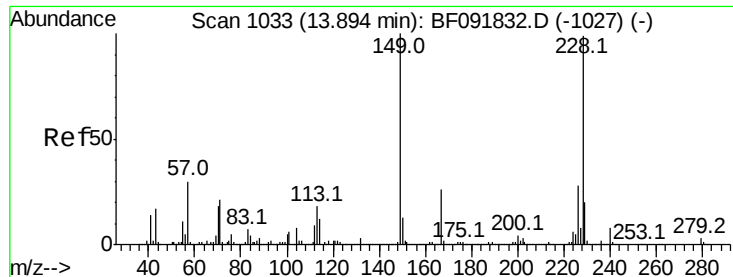
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#78
Terphenyl-d14
Concen: 45.95 ng
RT: 12.65 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	13.6	11.4	17.2





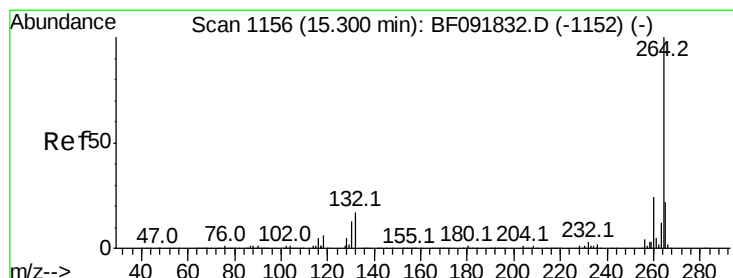
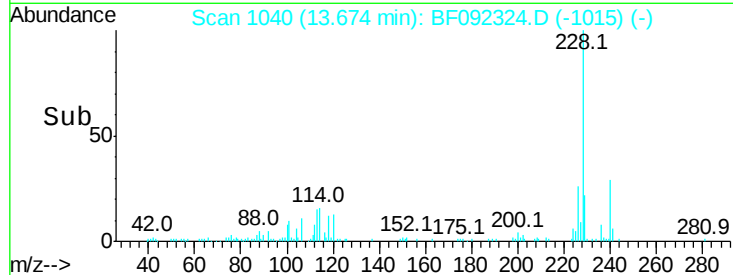
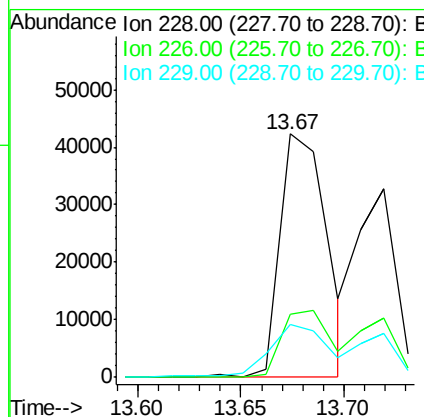
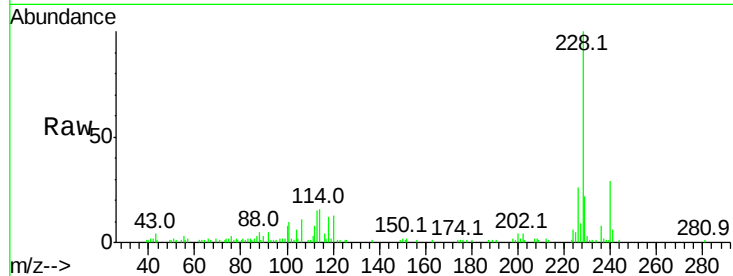
#80
Benzo(a)anthracene
Concen: 2.54 ng m
RT: 13.67 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Instrument :
BNA_F
ClientSampled :
B25

Tot Ion:	228	Resp:	66415
Ion Ratio	Lower	Upper	
228	100		
226	25.9	22.4	33.6
229	21.7	16.2	24.4

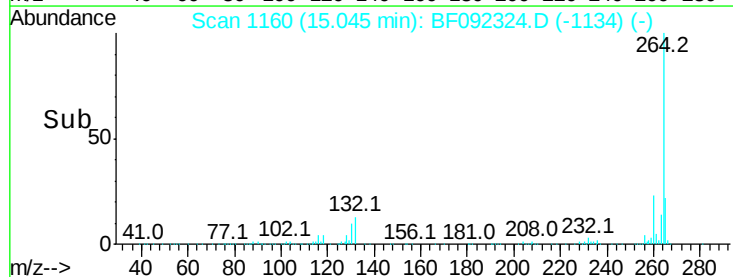
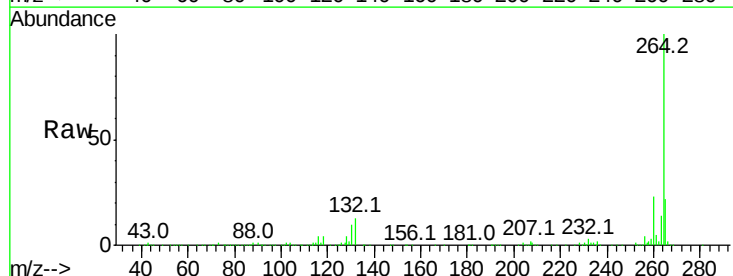
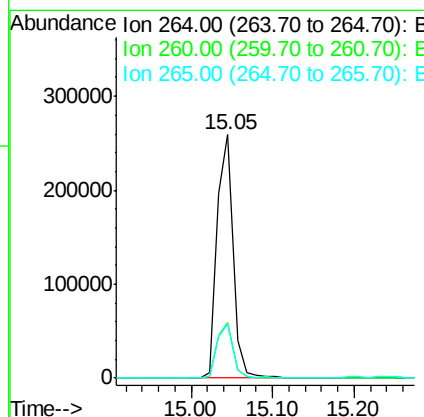
Manual Integrations
APPROVED

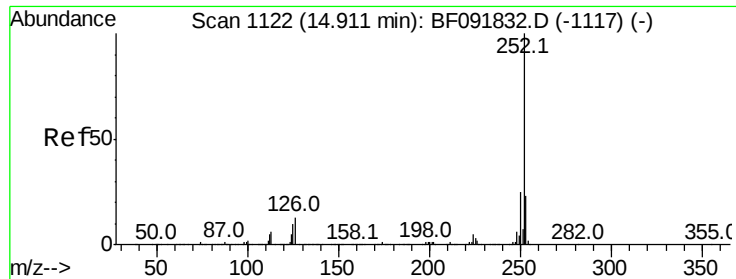
mohammad
1/18/2017 5:11:30 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF092324.D
Acq: 17 Jan 2017 19:02

Tgt Ion:	264	Resp:	355127
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	22.3	17.4	26.0





#87
 Benzo(b)fluoranthene
 Concen: 2.90 ng m
 RT: 14.69 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF092324.D
 Acq: 17 Jan 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 B25

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	12.4	9.8	14.6

Manual Integrations
 APPROVED

mohammad
 1/18/2017 5:11:30 PM

