

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
 Data File : BF092944.D
 Acq On : 14 Feb 2017 15:20
 Operator : SJ/MA
 Sample : I1794-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22A-9-11

Manual Integrations
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mohammad
 2/15/2017 9:05:56 AM

Quant Time: Feb 14 15:57:02 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	156609	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	599858	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	363407	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	562936	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	501188	20.00	ng	-0.02
86) Perylene-d12	15.46	264	366506	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	498407	54.60	ng	-0.01
7) Phenol-d6	6.51	99	417804	35.57	ng	-0.02
23) Nitrobenzene-d5	7.44	82	839311	77.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	288899	109.92	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1572276	78.38	ng	0.00
78) Terphenyl-d14	12.98	244	1274522	59.75	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.18	128	832926	27.39	ng	99
37) 2-Methylnaphthalene	8.88	142	152289m	7.80	ng	
51) Acenaphthene	9.94	154	56290	2.65	ng	96
57) Fluorene	10.45	166	55421	2.53	ng	95
70) Phenanthrene	11.41	178	106379	3.30	ng	99

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

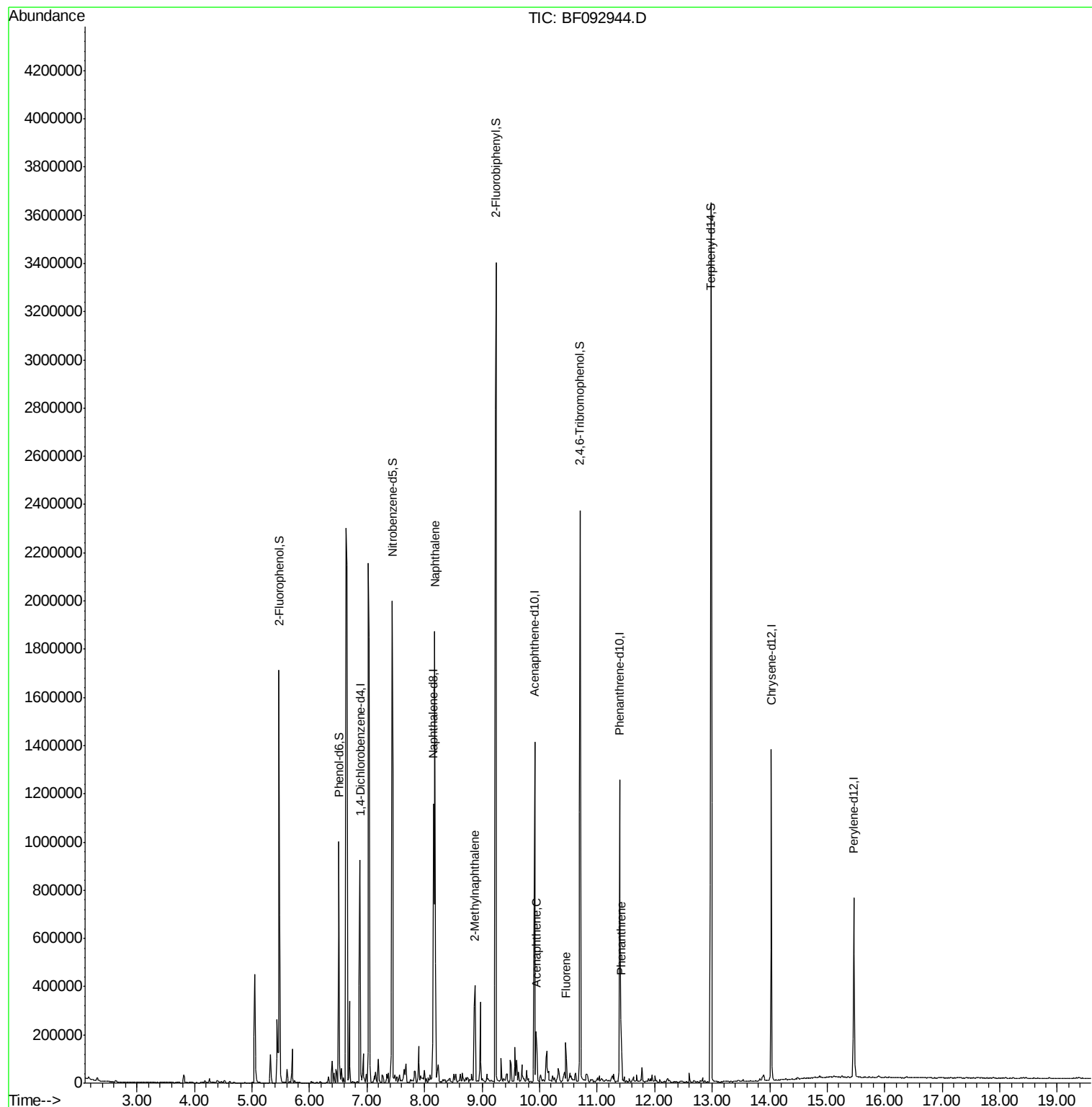
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
Data File : BF092944.D
Acq On : 14 Feb 2017 15:20
Operator : SJ/MA
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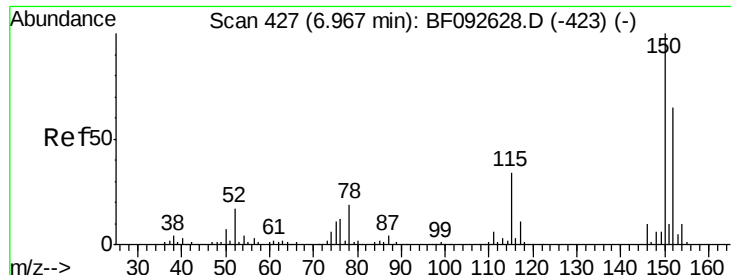
Instrument :
BNA_F
ClientSampleId :
22A-9-11

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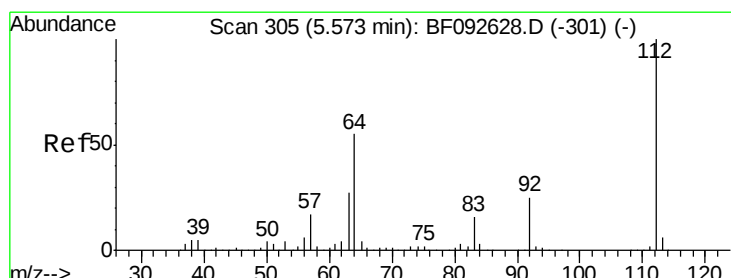
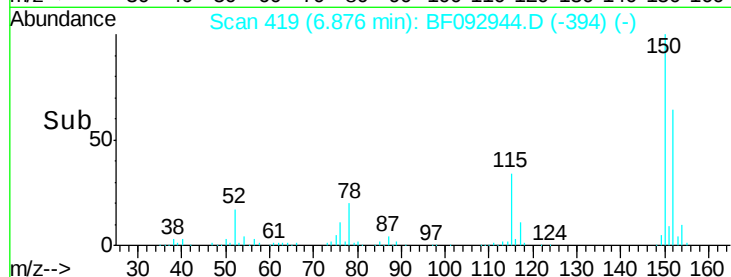
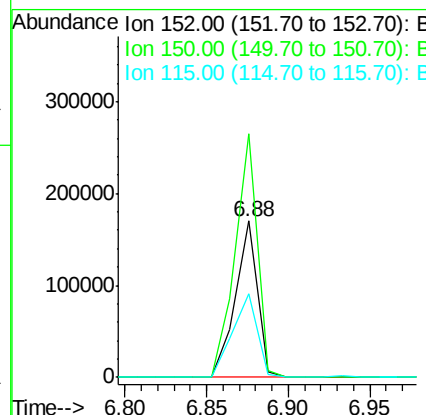
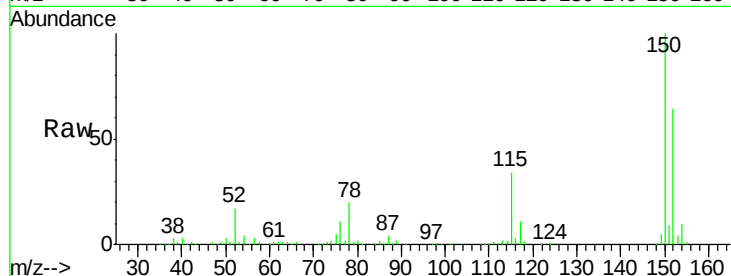
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092944.D
 Acq: 14 Feb 2017 15:20

Instrument :
 BNA_F
 ClientSampleId :
 22A-9-11

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	156609		
150	155.9	124.9	187.3	
115	53.5	46.0	69.0	

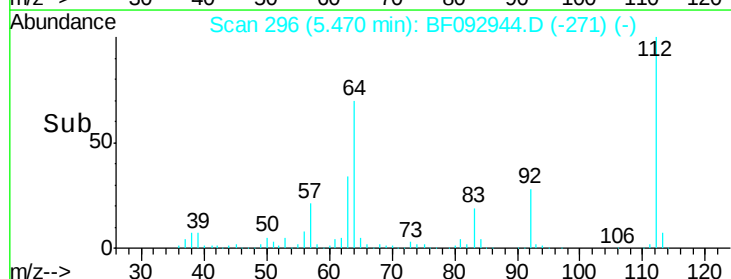
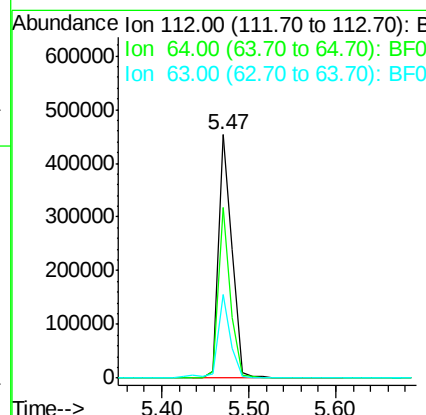
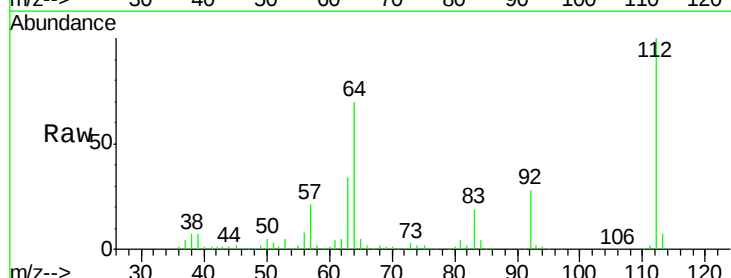
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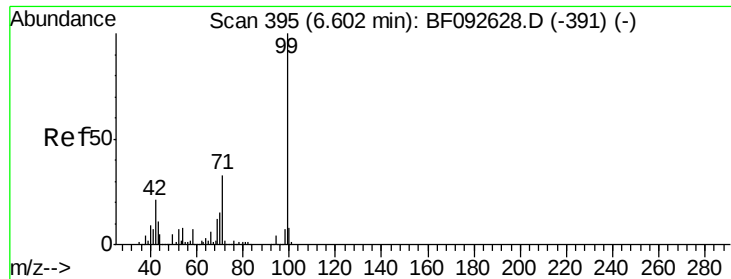
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#5
 2-Fluorophenol
 Concen: 54.60 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF092944.D
 Acq: 14 Feb 2017 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	498407		
64	70.3	46.1	69.1#	
63	34.4	23.8	35.6	





#7

Phenol-d6

Concen: 35.57 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092944.D

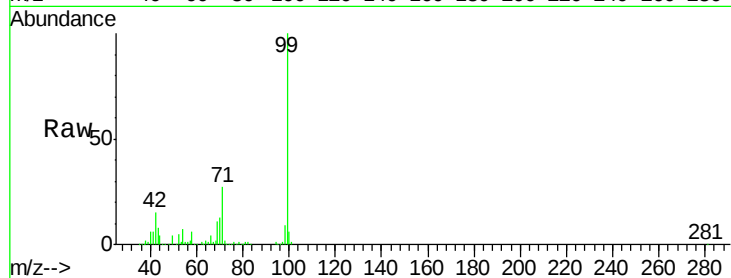
Acq: 14 Feb 2017 15:20

Instrument :

BNA_F

ClientSampled :

22A-9-11



Tgt Ion: 99 Resp: 417804

Ion Ratio Lower Upper

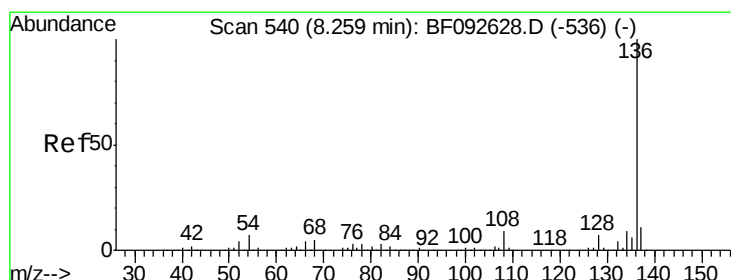
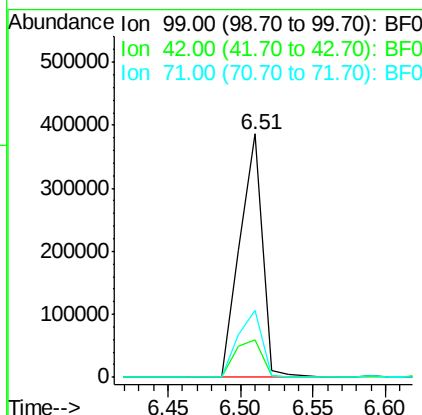
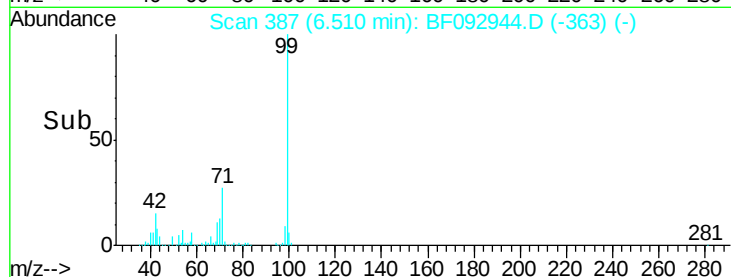
99 100

42 15.4 15.6 23.4#

71 27.5 27.5 41.3#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092944.D

Acq: 14 Feb 2017 15:20

Tgt Ion: 136 Resp: 599858

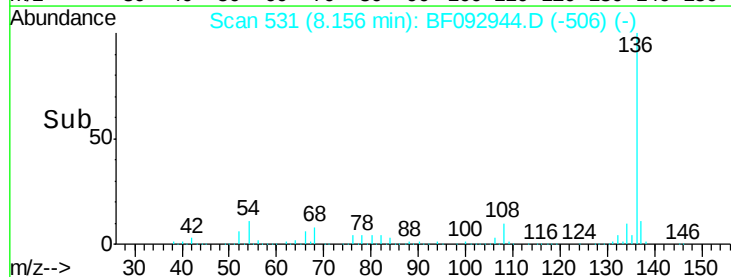
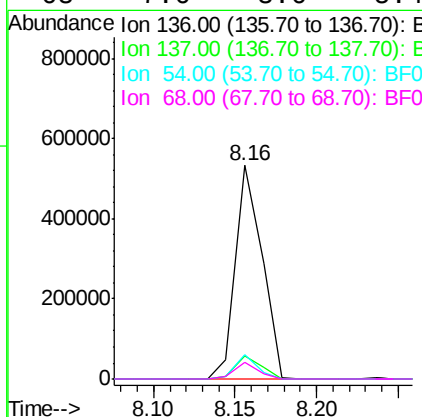
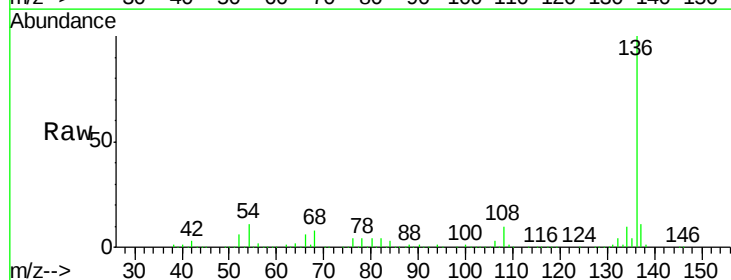
Ion Ratio Lower Upper

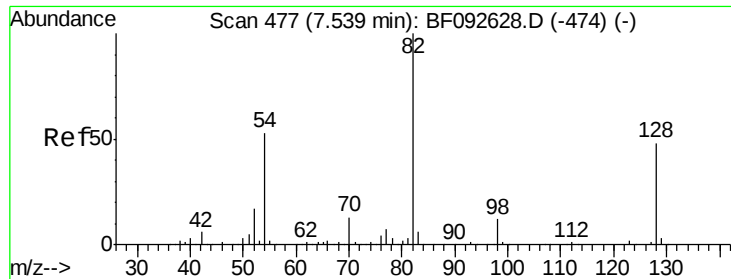
136 100

137 10.9 8.4 12.6

54 11.5 4.5 6.7#

68 7.6 3.6 5.4#





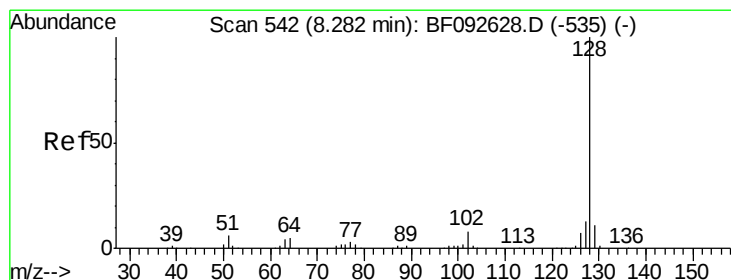
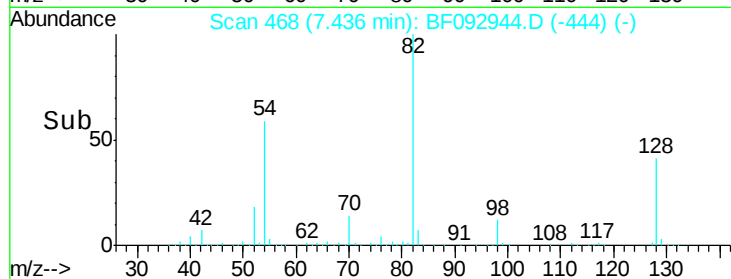
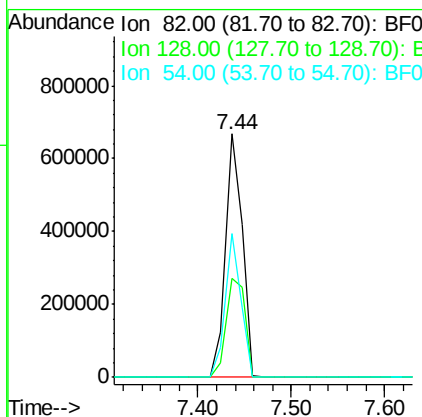
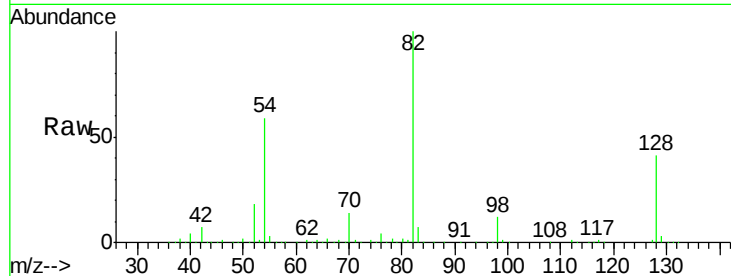
#23
 Nitrobenzene-d5
 Concen: 77.92 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092944.D
 Acq: 14 Feb 2017 15:20

Instrument :
 BNA_F
 ClientSampled :
 22A-9-11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	839311		
128	40.9	34.6	52.0	
54	59.2	39.5	59.3	

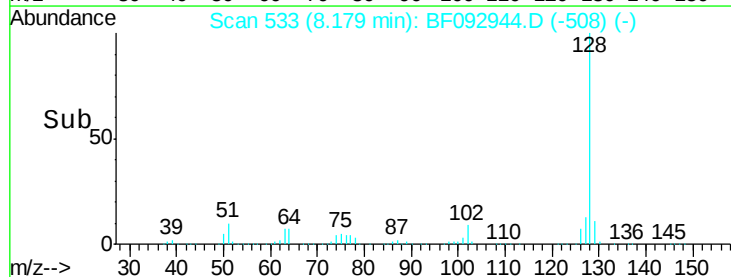
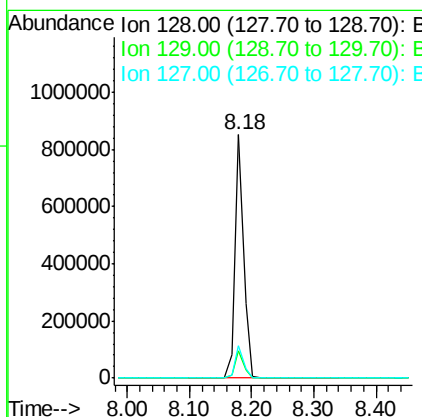
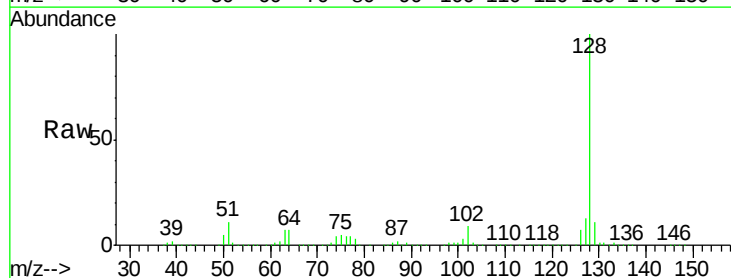
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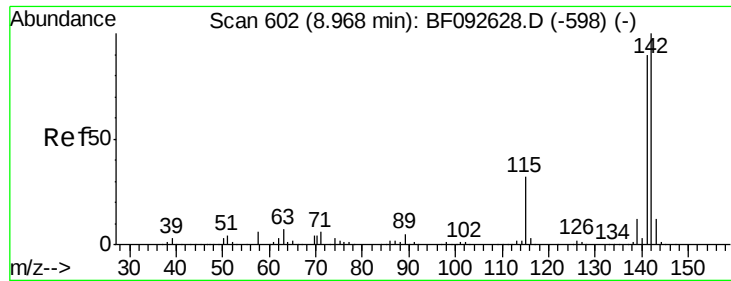
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#31
 Naphthalene
 Concen: 27.39 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF092944.D
 Acq: 14 Feb 2017 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	832926		
129	11.4	9.5	14.3	
127	13.3	10.8	16.2	





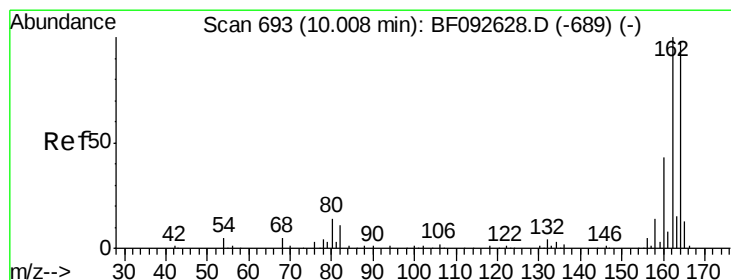
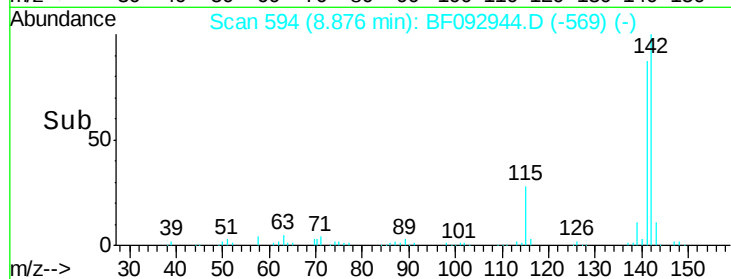
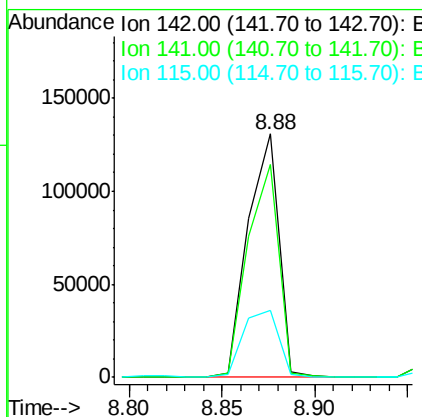
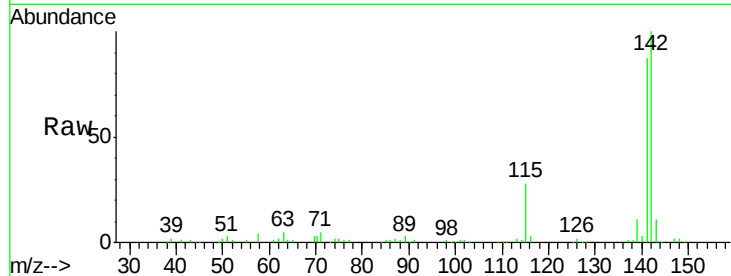
#37
2-Methylnaphthalene
Concen: 7.80 ng m
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092944.D
Acq: 14 Feb 2017 15:20

Instrument :
BNA_F
ClientSampleId :
22A-9-11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.0	106.6
115	27.7	28.3	42.5#

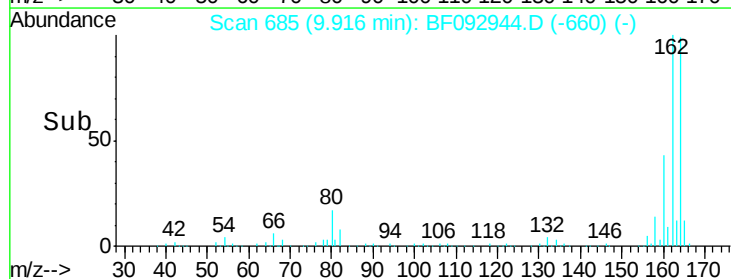
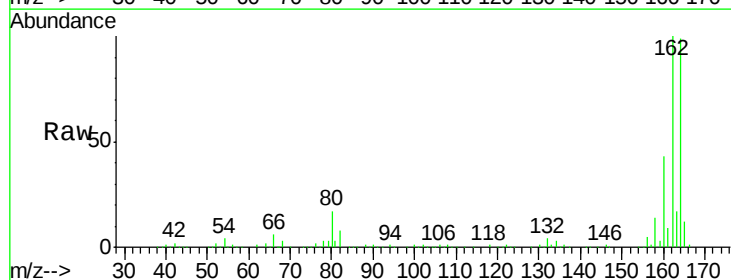
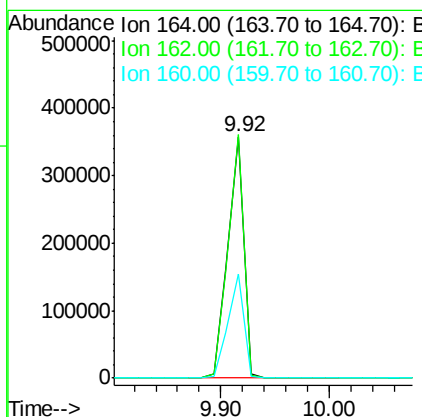
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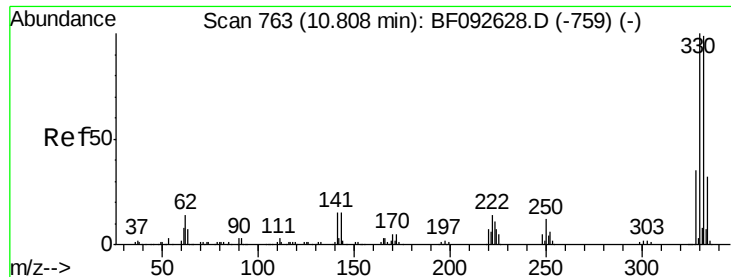
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092944.D
Acq: 14 Feb 2017 15:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	43.2	36.9	55.3





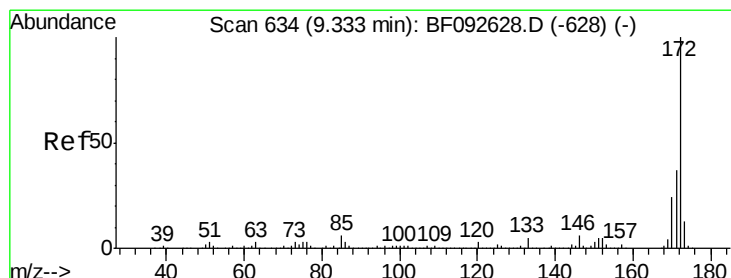
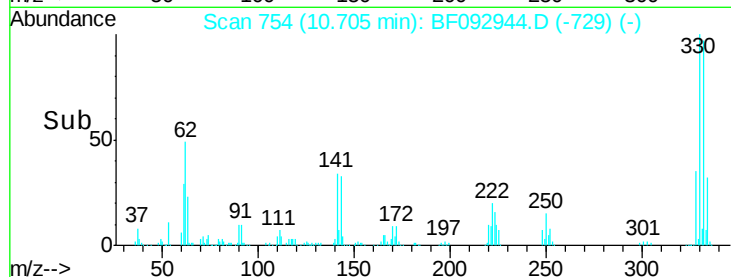
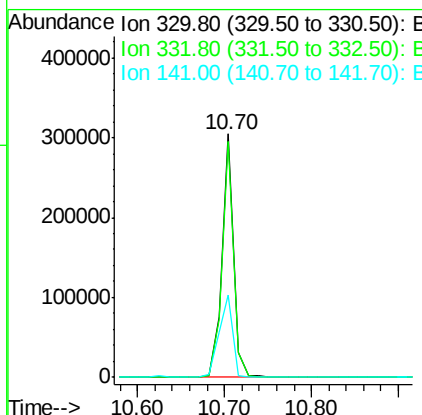
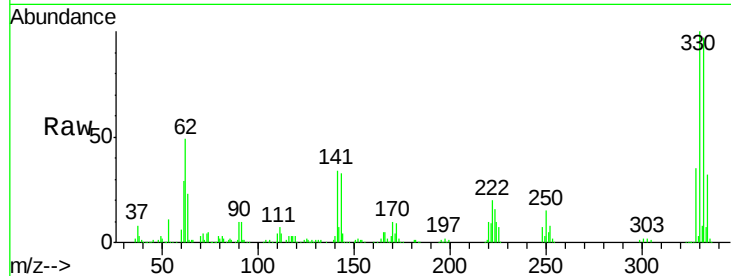
#41
 2,4,6-Tribromophenol
 Concen: 109.92 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092944.D
 Acq: 14 Feb 2017 15:20

Instrument :
 BNA_F
 ClientSampleId :
 22A-9-11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	288899		
332	96.7	77.4	116.2	
141	40.3	34.1	51.1	

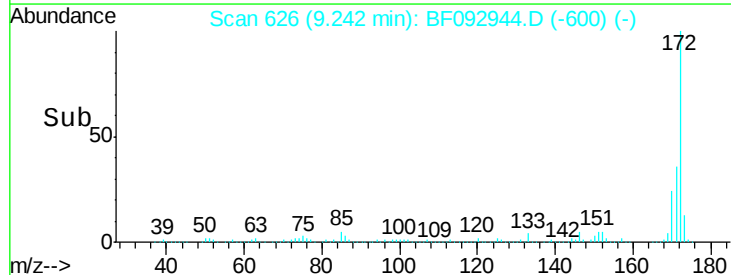
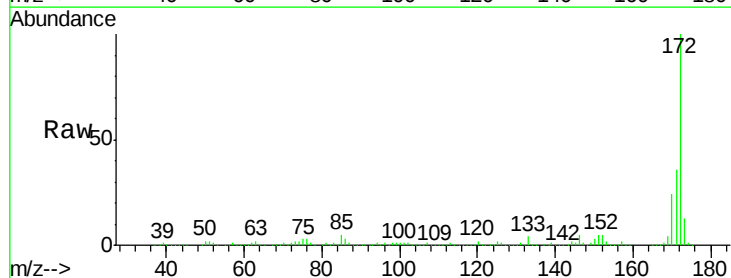
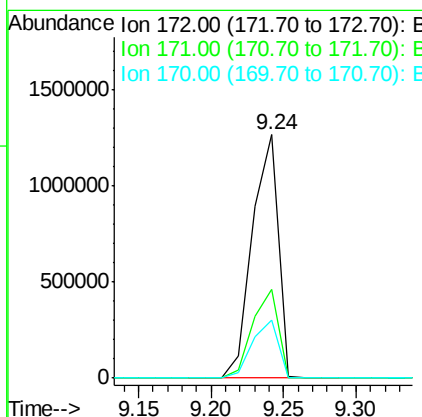
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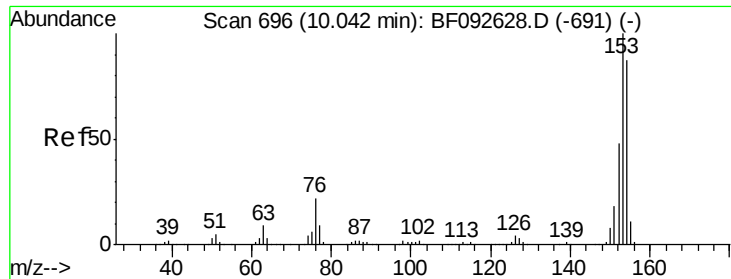
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#44
 2-Fluorobiphenyl
 Concen: 78.38 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF092944.D
 Acq: 14 Feb 2017 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1572276		
171	36.5	29.4	44.0	
170	24.1	20.2	30.4	





#51

Acenaphthene

Concen: 2.65 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF092944.D

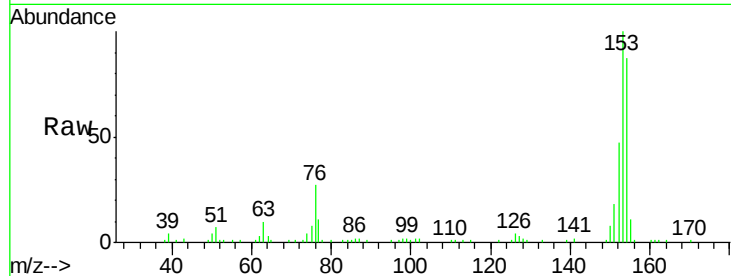
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Instrument :

BNA_F

ClientSampleId :

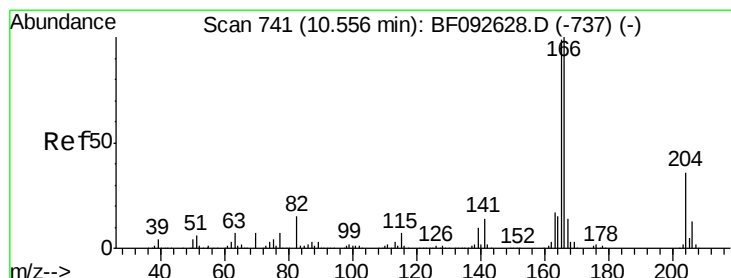
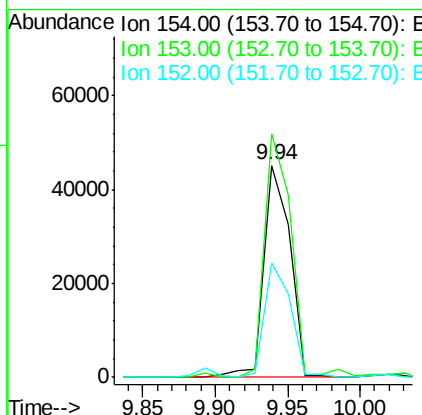
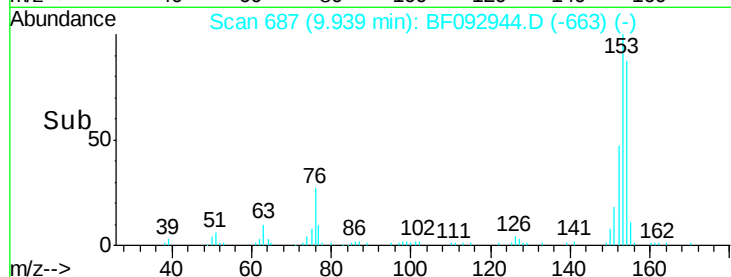
22A-9-11



Tgt Ion:	154	Resp:	56290
Ion Ratio	Lower	Upper	
154	100		
153	115.0	88.6	133.0
152	54.0	41.6	62.4

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#57

Fluorene

Concen: 2.53 ng

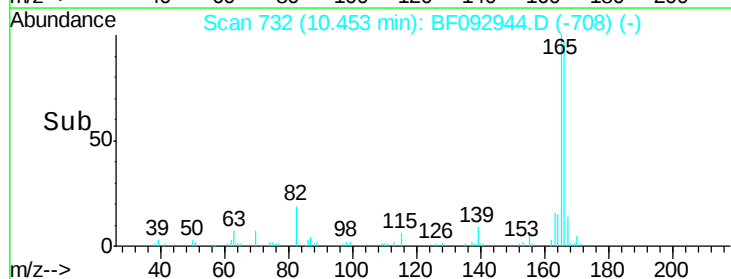
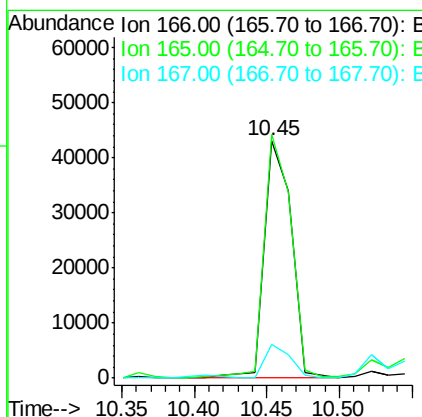
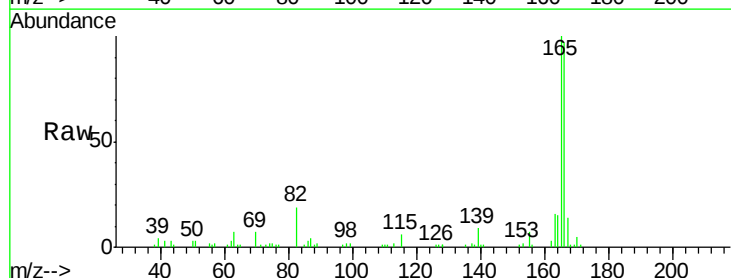
RT: 10.45 min Scan# 732

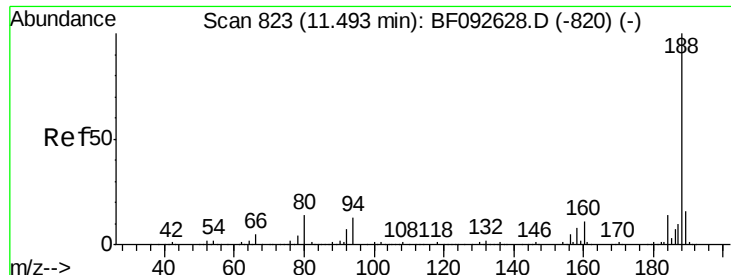
Delta R.T. -0.02 min

Lab File: BF092944.D

Acq: 14 Feb 2017 15:20

Tgt Ion:	166	Resp:	55421
Ion Ratio	Lower	Upper	
166	100		
165	102.6	77.8	116.8
167	14.2	10.8	16.2





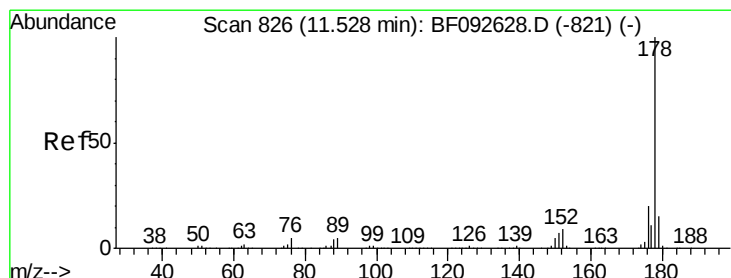
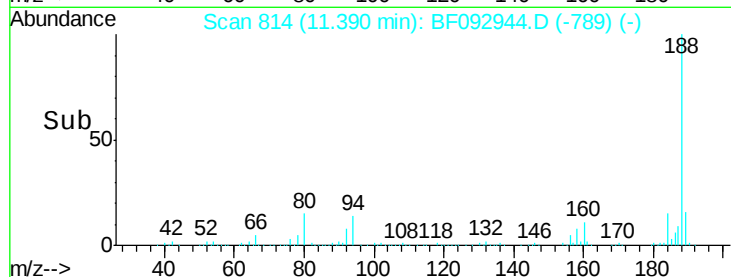
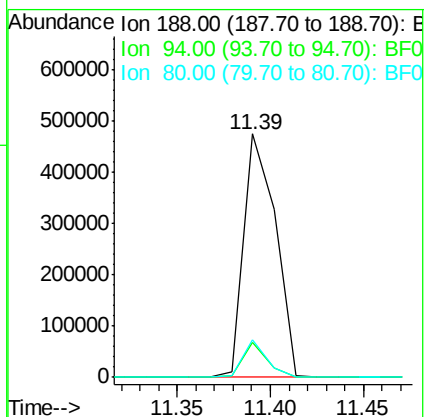
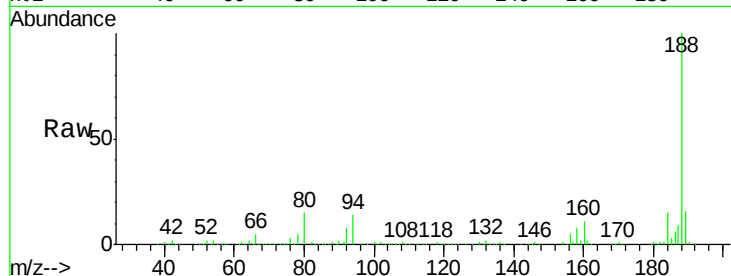
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092944.D
Acq: 14 Feb 2017 15:20

Instrument :
BNA_F
ClientSampleId :
22A-9-11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	562936		
94	14.2	10.0	15.0	
80	15.2	11.2	16.8	

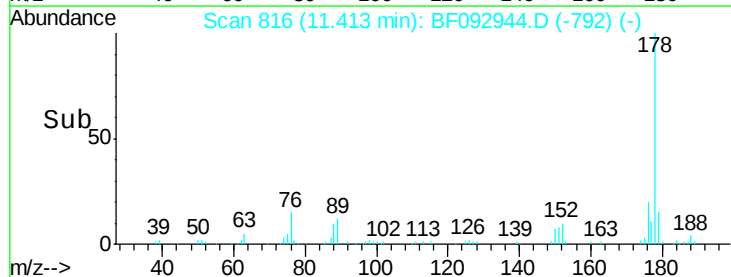
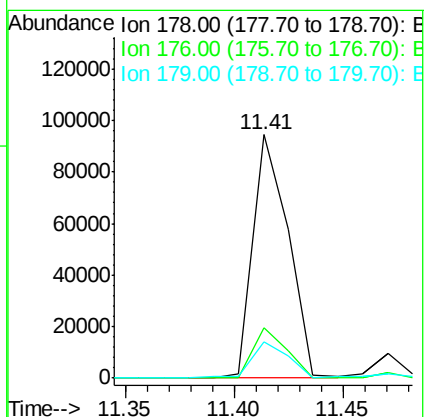
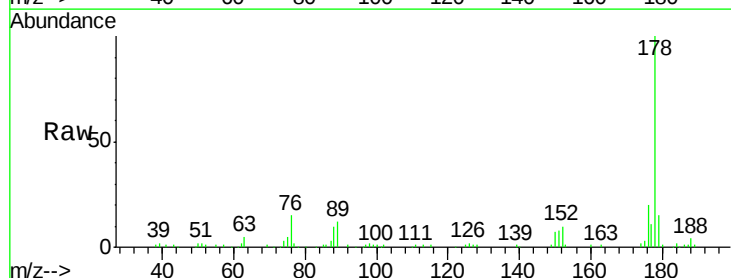
Manual Integrations
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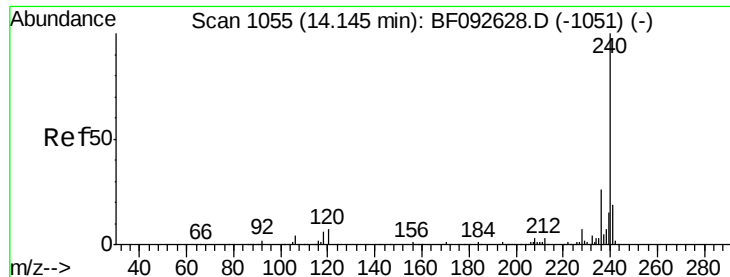
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#70
Phenanthrene
Concen: 3.30 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF092944.D
Acq: 14 Feb 2017 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	106379		
176	20.4	16.6	25.0	
179	15.1	12.8	19.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092944.D

Acq: 14 Feb 2017 15:20

Instrument :

BNA_F

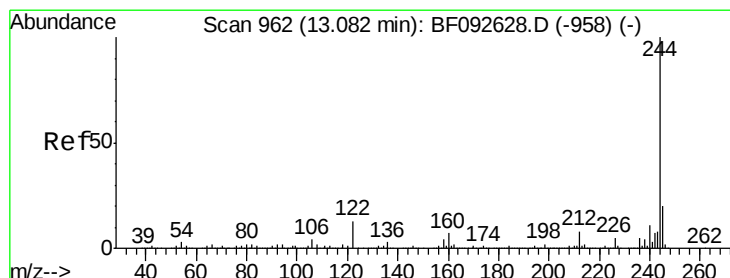
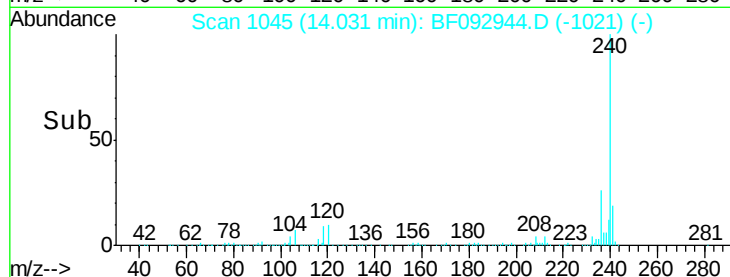
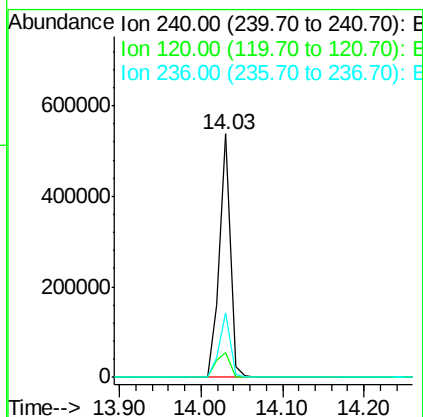
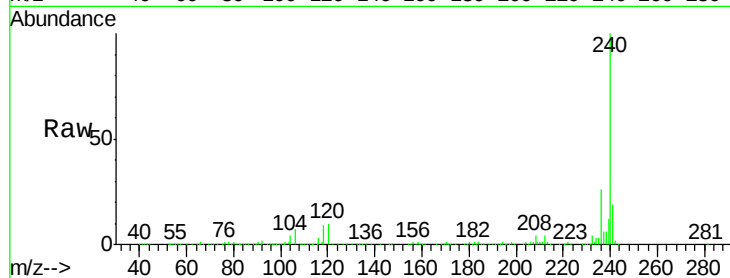
ClientSampleId :

22A-9-11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.9	19.3#
236	26.2	20.9	31.3

Manual Integrations
APPROVED

mohammad
2/15/2017 9:05:56 AM



#78

Terphenyl-d14

Concen: 59.75 ng

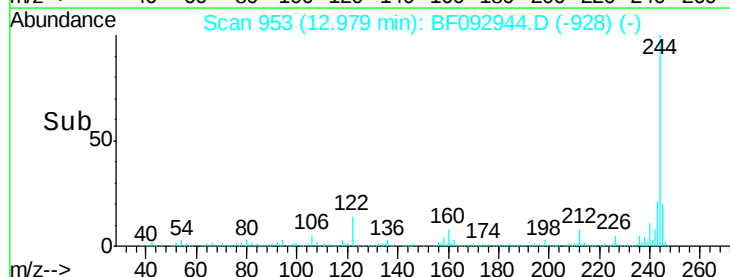
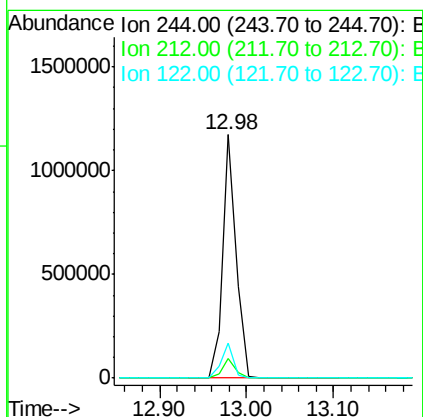
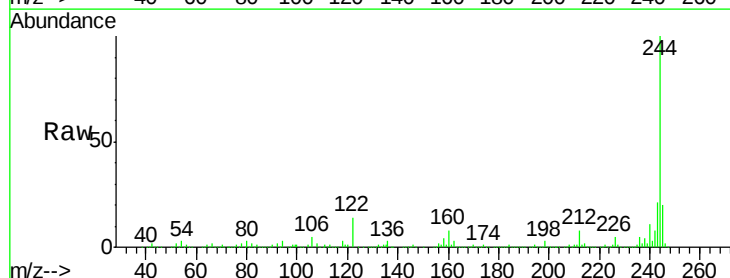
RT: 12.98 min Scan# 953

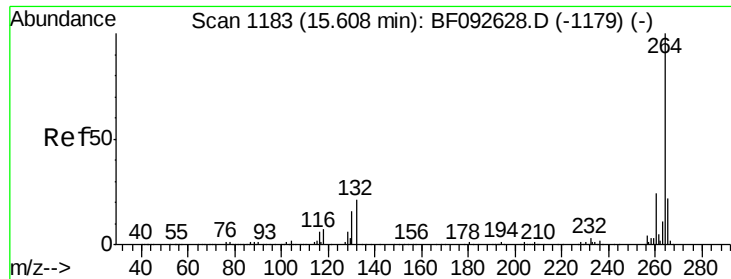
Delta R.T. -0.01 min

Lab File: BF092944.D

Acq: 14 Feb 2017 15:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.3	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092944.D
Acq: 14 Feb 2017 15:20

Instrument :
BNA_F
ClientSampleId :
22A-9-11

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.3	19.2	28.8
265	20.7	17.4	26.0

Manual Integrations
APPROVED

mohammad
2/15/2017 9:05:56 AM

