

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041317\
 Data File : BF094423.D
 Acq On : 14 Apr 2017 10:32
 Operator : SJ/MA
 Sample : I2672-01 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-NSW

Manual Integrations
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Quant Time: Apr 14 10:56:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	137108	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	530246	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	222693	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	340871	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	262332	20.00	ng	-0.06
86) Perylene-d12	16.12	264	200483	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	200030	24.64	ng	-0.05
7) Phenol-d6	5.40	99	242267	24.12	ng	-0.06
23) Nitrobenzene-d5	6.43	82	139361	15.00	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	28729	16.33	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	262844	18.00	ng	-0.05
78) Terphenyl-d14	13.22	244	163607	13.98	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.10	163	39195	2.48	ng	98
70) Phenanthrene	11.27	178	187110	9.87	ng	98
71) Anthracene	11.33	178	43523	2.23	ng	97
74) Fluoranthene	12.73	202	144364	7.44	ng	99
77) Pyrene	13.01	202	170611	8.96	ng	98
80) Benzo(a)anthracene	14.48	228	59268	3.87	ng	99
82) Chrysene	14.52	228	57222	4.03	ng	97
87) Benzo(b)fluoranthene	15.72	252	43826m	3.57	ng	
89) Benzo(a)pyrene	16.06	252	35325	3.12	ng	99

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

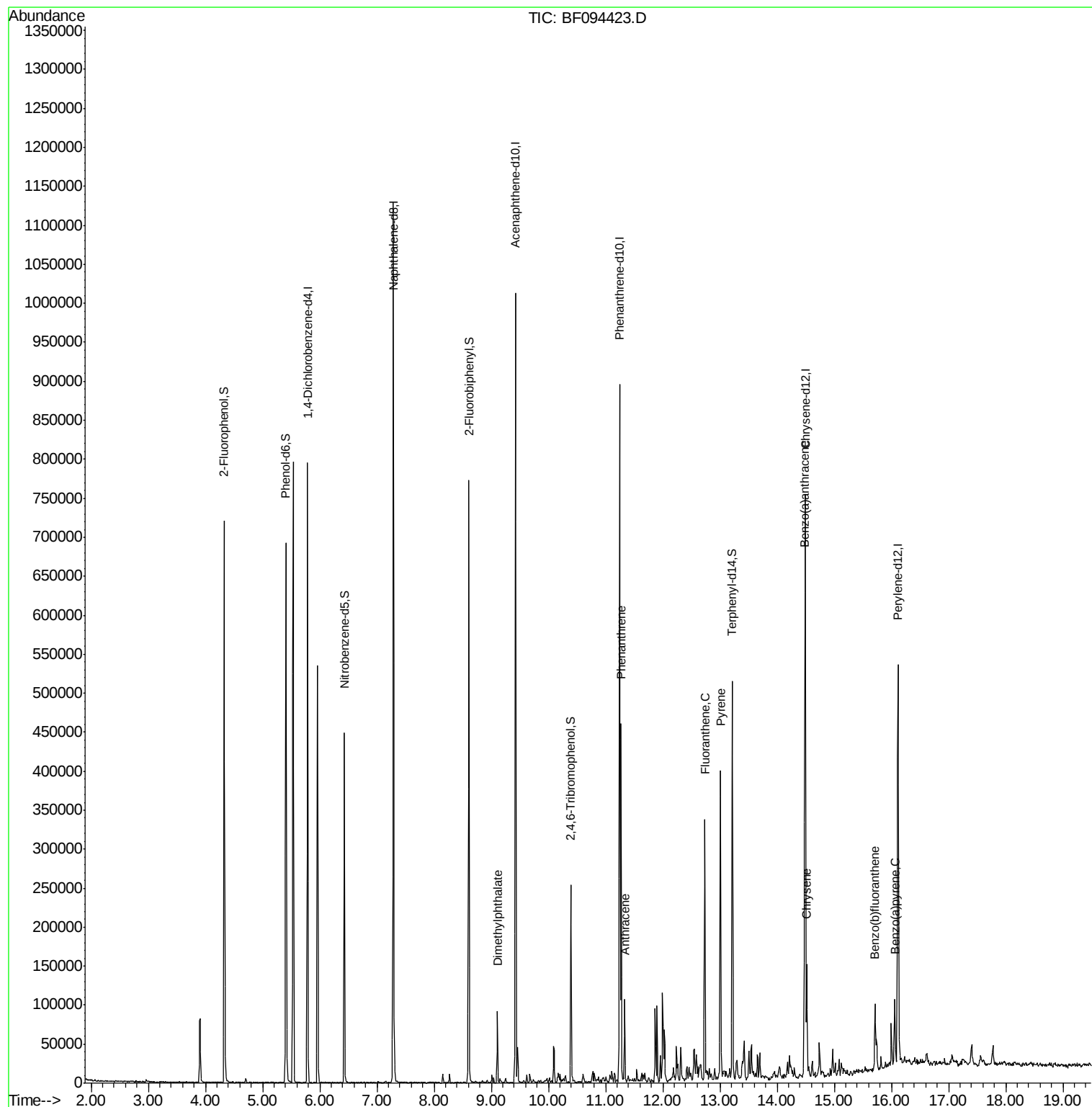
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041317\
Data File : BF094423.D
Acq On : 14 Apr 2017 10:32
Operator : SJ/MA
Sample : I2672-01 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

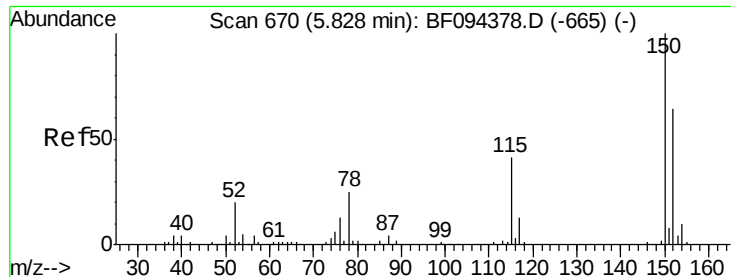
Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

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Quant Time: Apr 14 10:56:35 2017
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#1

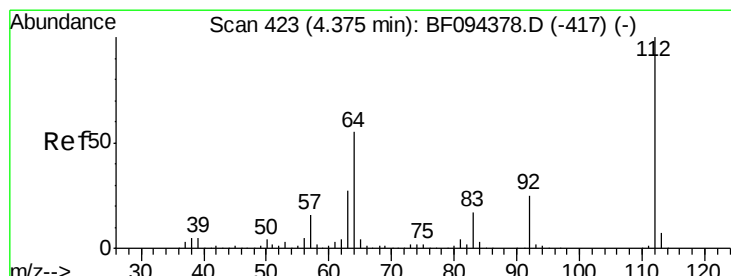
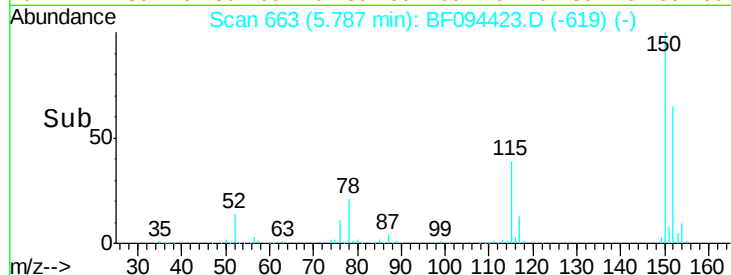
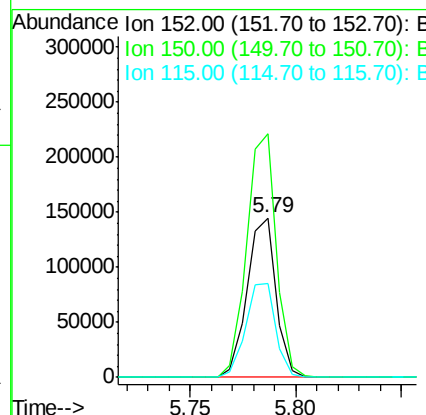
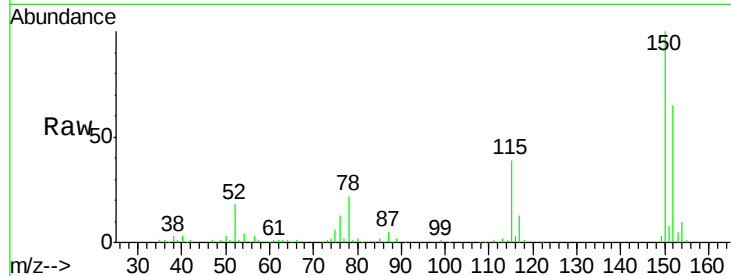
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.2	189.2
115	59.2	52.2	78.2

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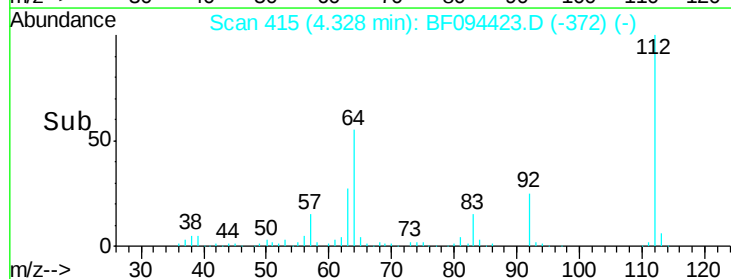
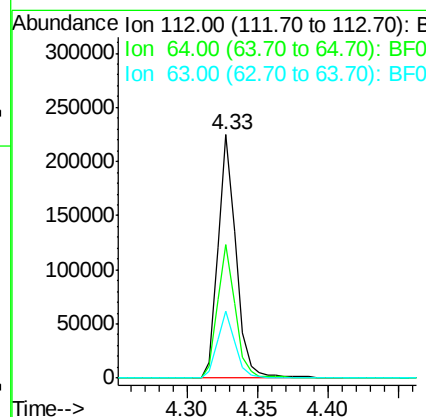
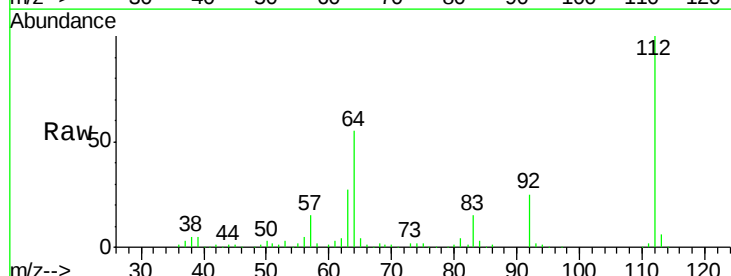
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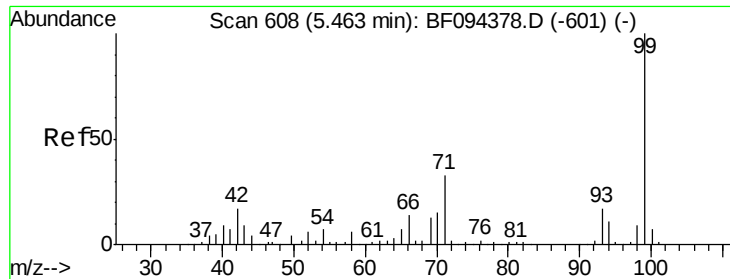


#5

2-Fluorophenol
Concen: 24.64 ng
RT: 4.33 min Scan# 415
Delta R.T. -0.05 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	27.3	23.4	35.0





#7

Phenol-d6

Concen: 24.12 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.06 min

Lab File: BF094423.D

Acq: 14 Apr 2017 10:32

Instrument :

BNA_F

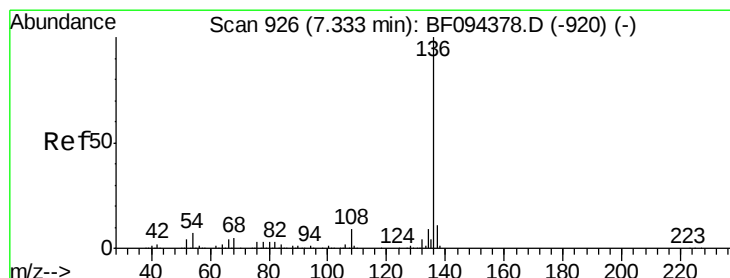
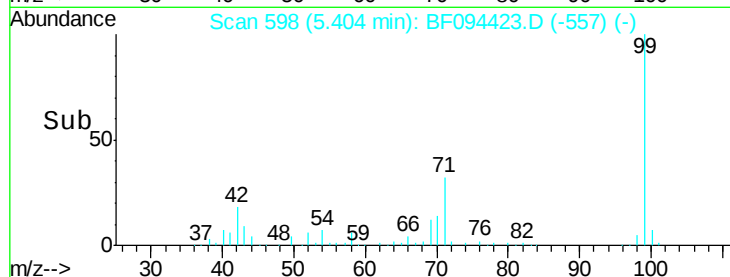
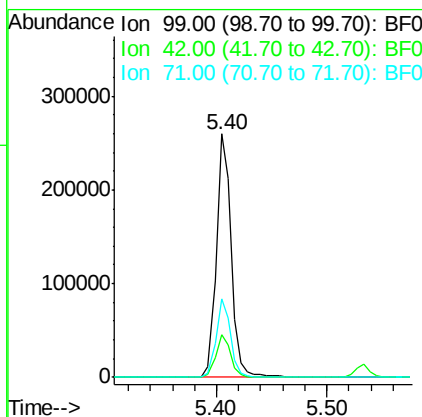
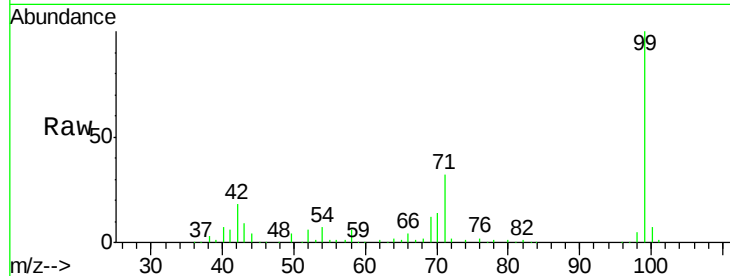
ClientSampleId :

E2-Z8-NSW

Tgt Ion:	99	Resp:	242267
Ion Ratio	Lower	Upper	
99	100		
42	17.6	13.5	20.3
71	32.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

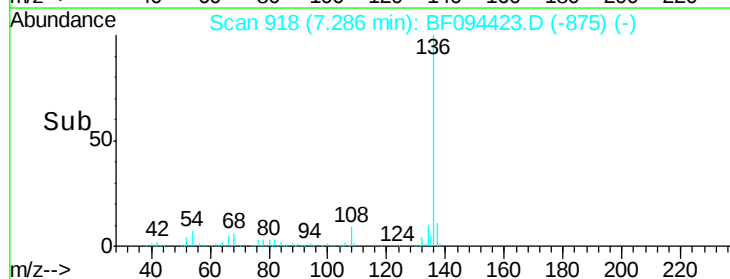
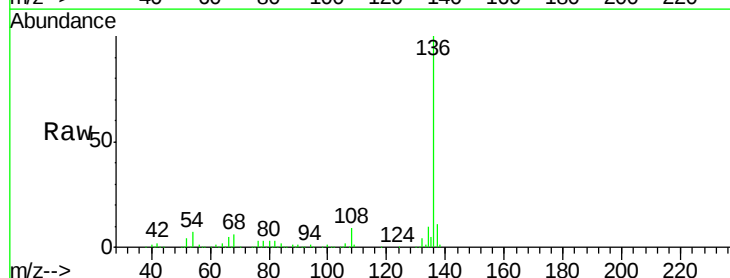
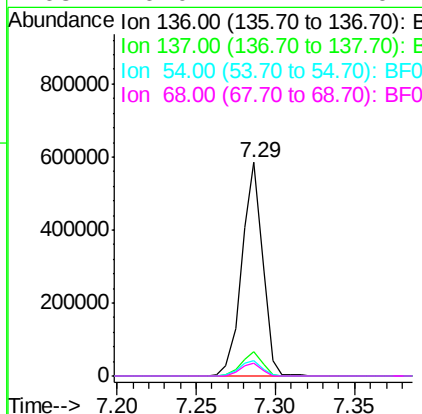
RT: 7.29 min Scan# 918

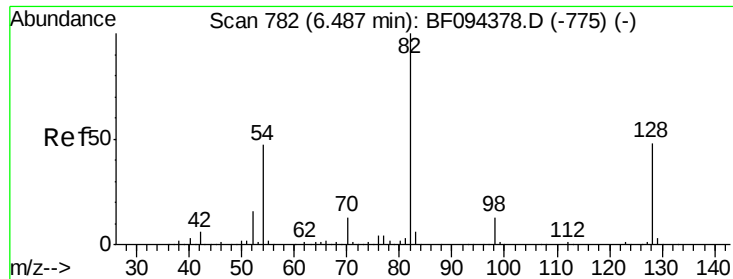
Delta R.T. -0.05 min

Lab File: BF094423.D

Acq: 14 Apr 2017 10:32

Tgt Ion:	136	Resp:	530246
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	7.2	4.9	7.3
68	6.0	4.1	6.1





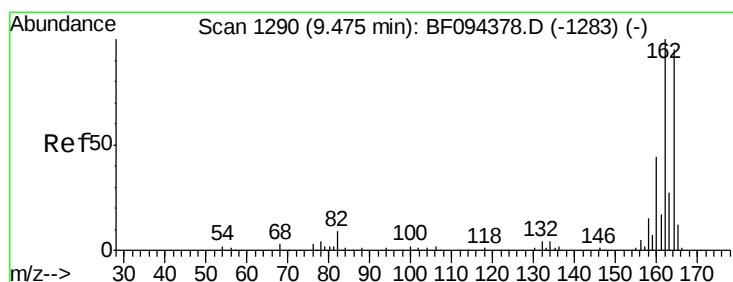
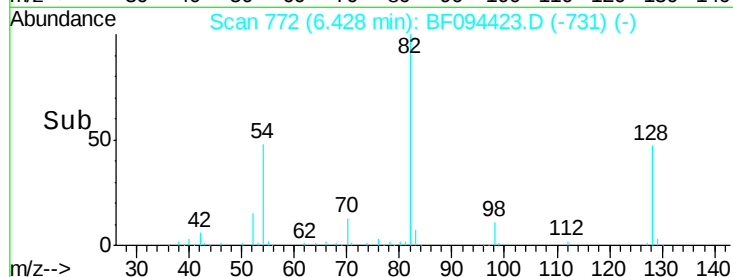
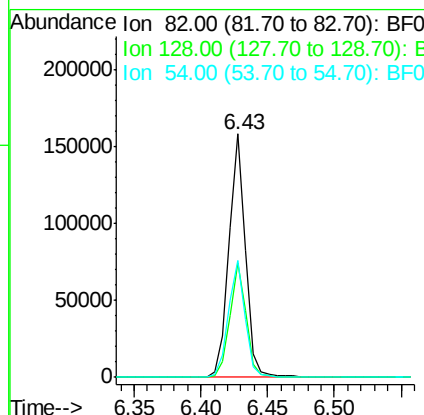
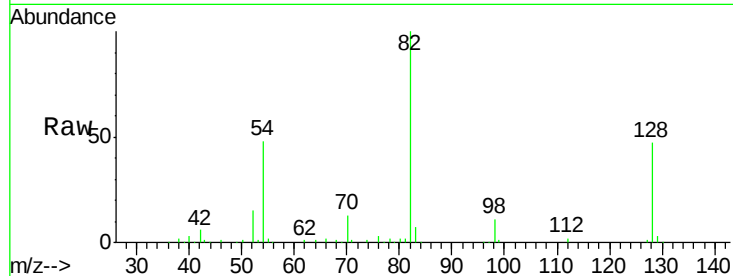
#23
Nitrobenzene-d5
Concen: 15.00 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.06 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	139361		
128	46.8	34.0	51.0	
54	47.8	42.2	63.2	

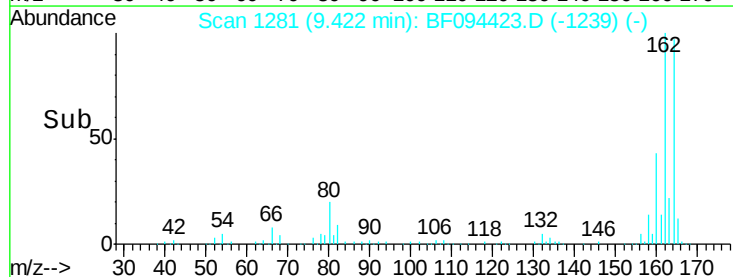
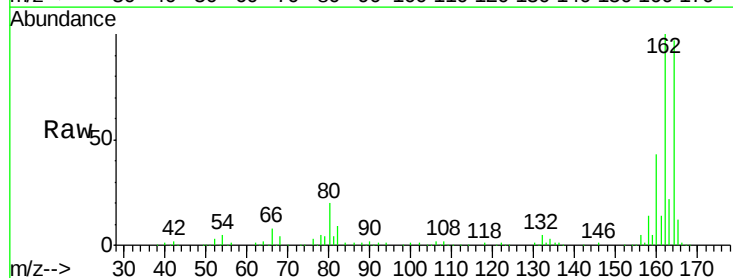
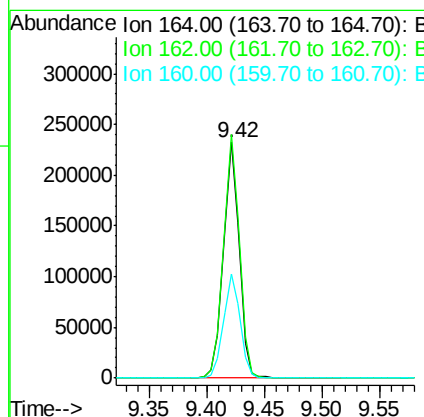
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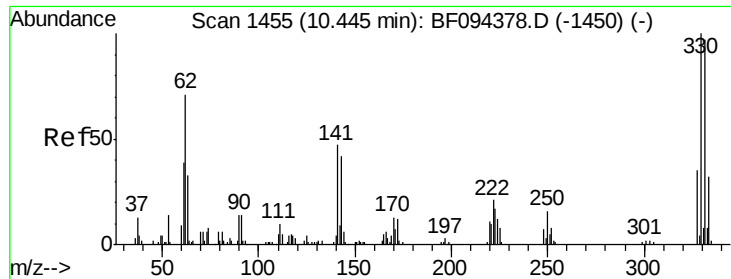
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	222693		
162	103.4	82.6	123.8	
160	44.4	36.2	54.2	





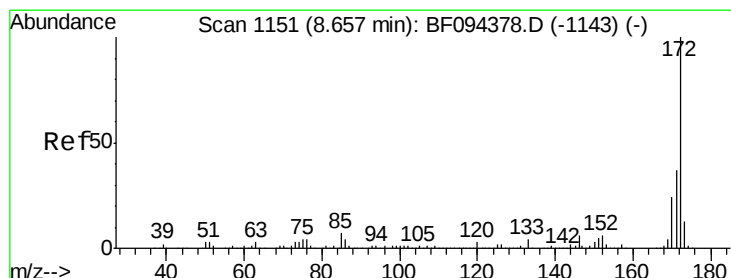
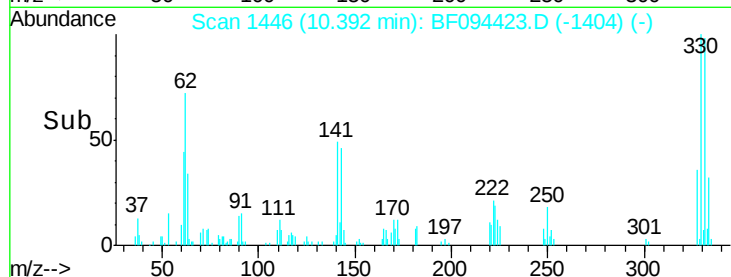
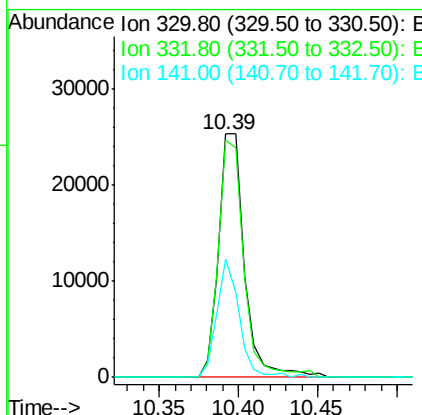
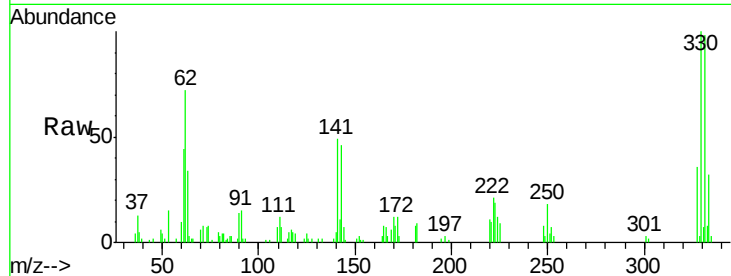
#41
 2,4,6-Tribromophenol
 Concen: 16.33 ng
 RT: 10.39 min Scan# 1446
 Delta R.T. -0.05 min
 Lab File: BF094423.D
 Acq: 14 Apr 2017 10:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-NSW

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	28729		
332	96.1	76.6	115.0	
141	41.9	31.4	47.2	

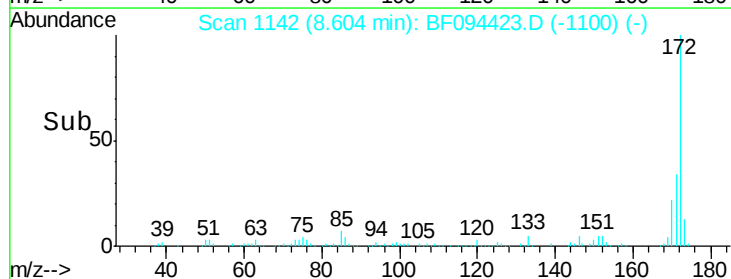
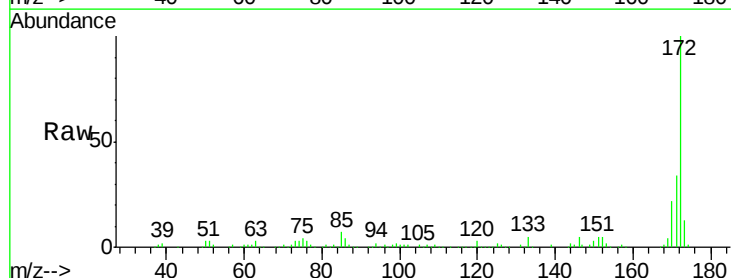
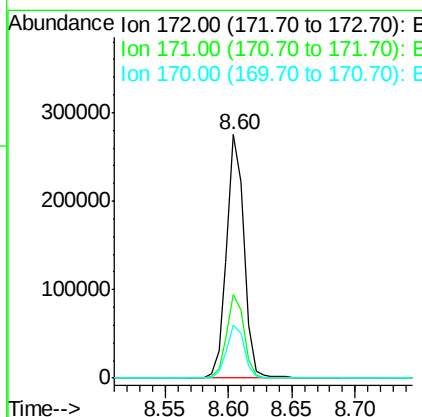
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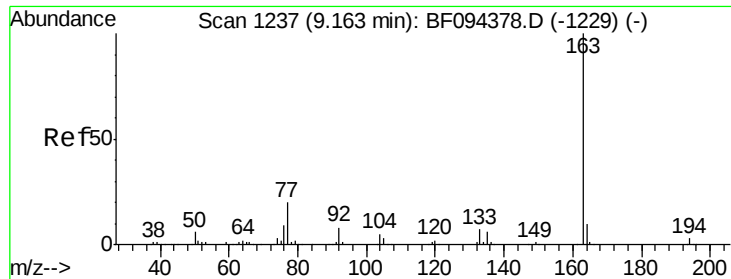
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#44
 2-Fluorobiphenyl
 Concen: 18.00 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.05 min
 Lab File: BF094423.D
 Acq: 14 Apr 2017 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	262844		
171	34.4	29.6	44.4	
170	21.9	19.8	29.8	





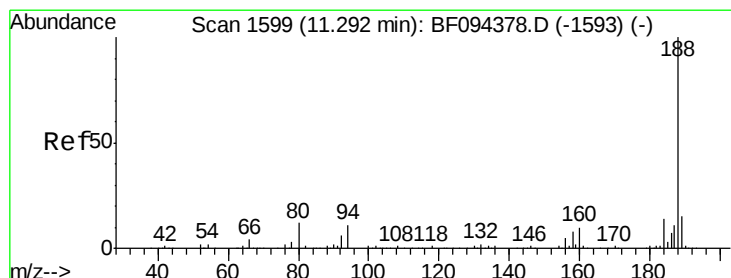
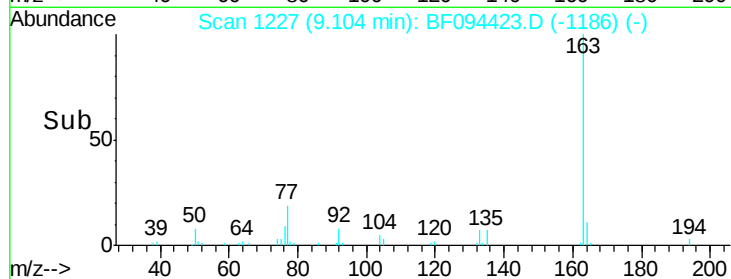
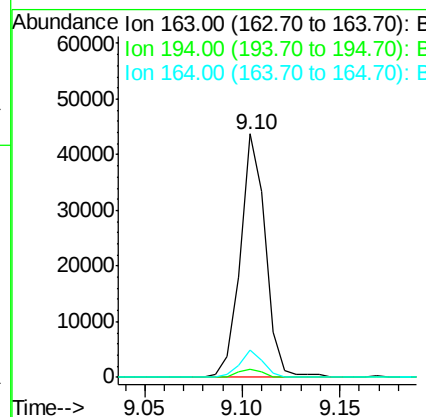
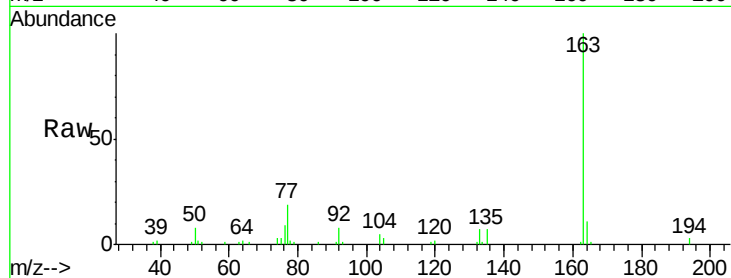
#49
Dimethylphthalate
Concen: 2.48 ng
RT: 9.10 min Scan# 1227
Delta R.T. -0.06 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	4.0
164	11.4	8.4	12.6

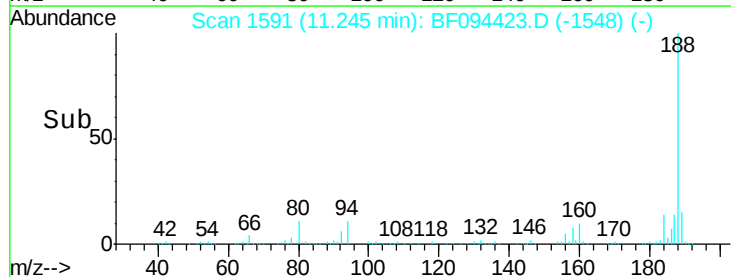
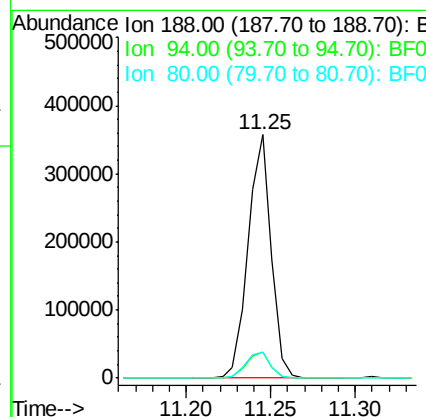
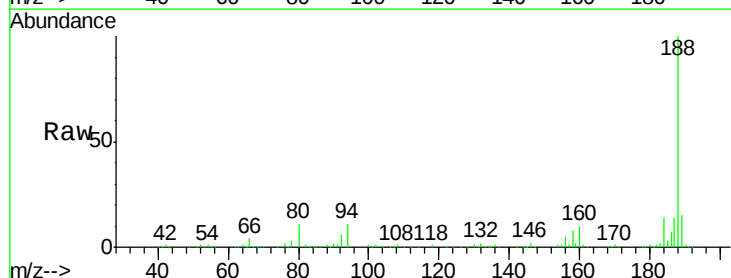
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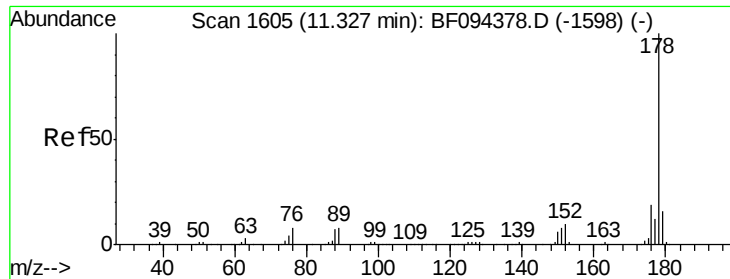
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.8	9.4	14.2
80	10.6	10.2	15.2





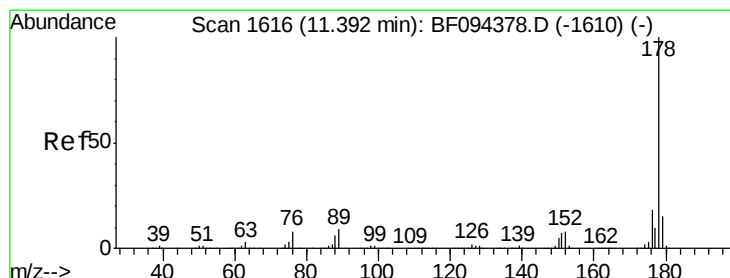
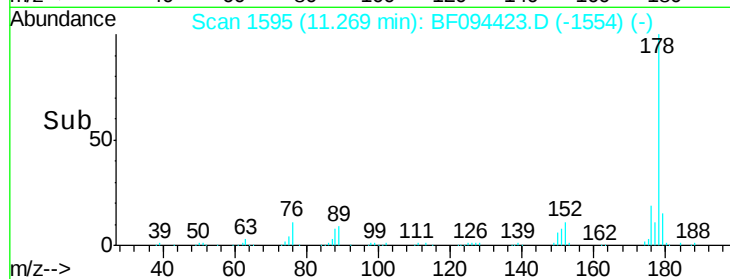
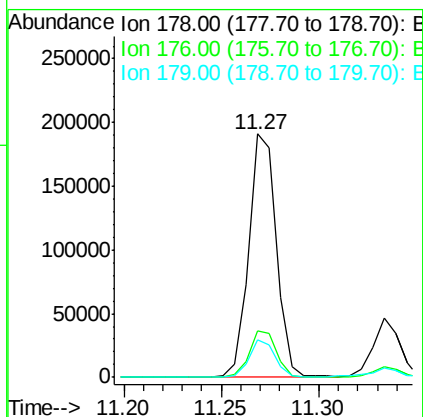
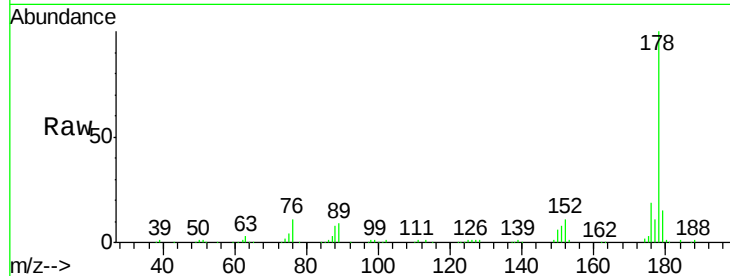
#70
Phenanthrene
Concen: 9.87 ng
RT: 11.27 min Scan# 1595
Delta R.T. -0.06 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.3	12.6	19.0

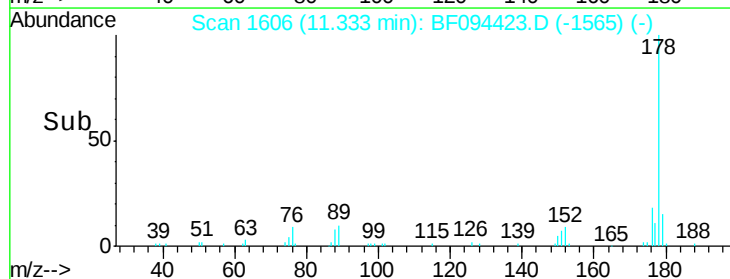
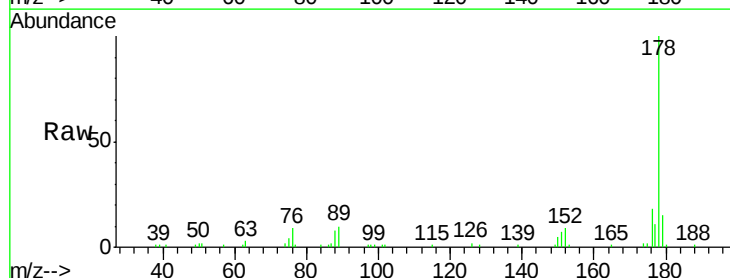
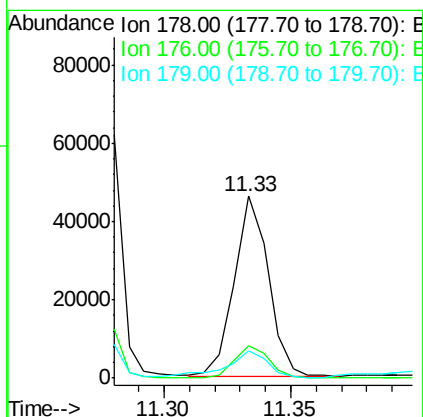
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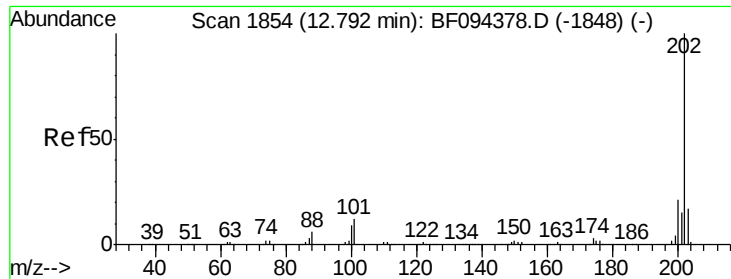
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#71
Anthracene
Concen: 2.23 ng
RT: 11.33 min Scan# 1606
Delta R.T. -0.06 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.3	12.7	19.1





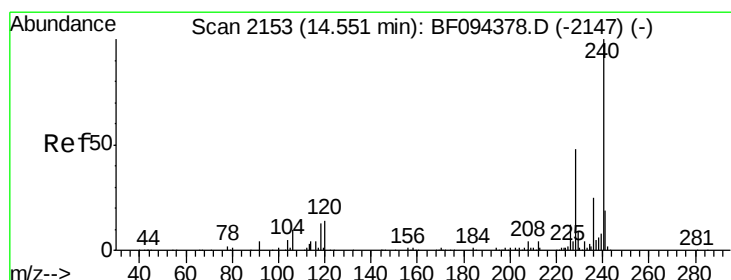
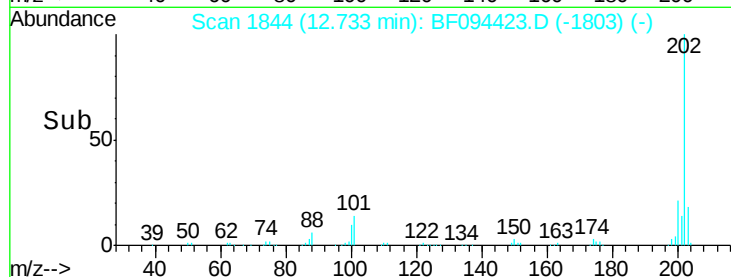
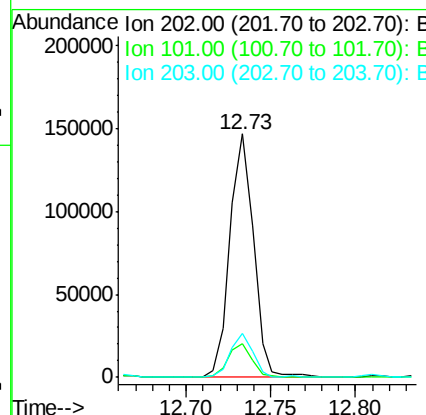
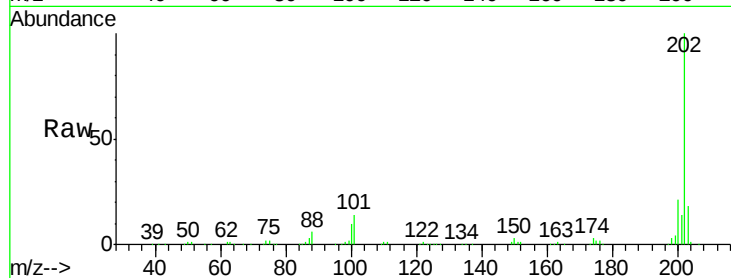
#74
Fluoranthene
Concen: 7.44 ng
RT: 12.73 min Scan# 1844
Delta R.T. -0.06 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	0.0	33.2
203	18.2	0.0	38.1

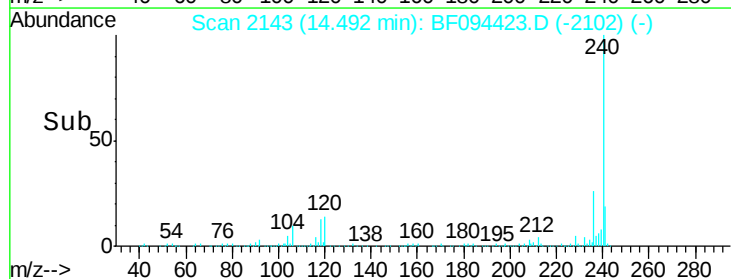
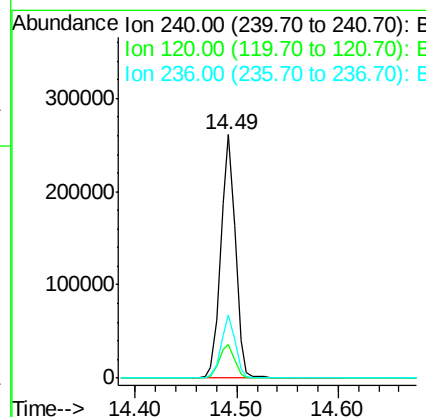
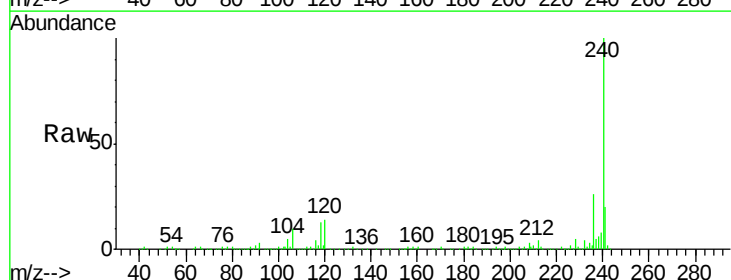
Manual Integrations
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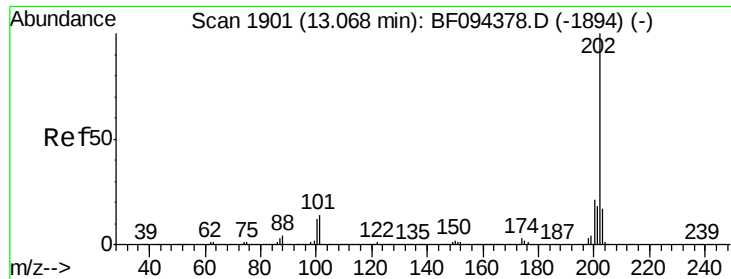
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.6	5.8	8.8#
236	25.7	20.5	30.7





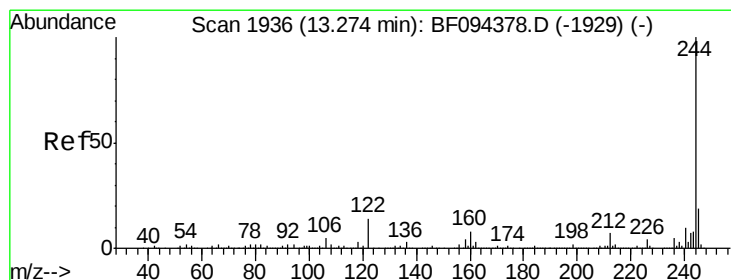
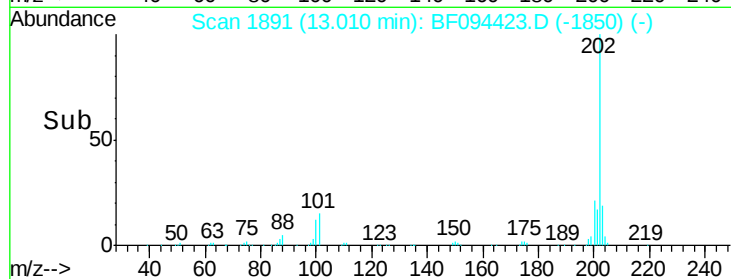
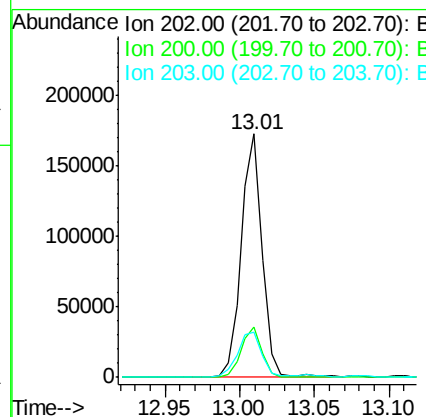
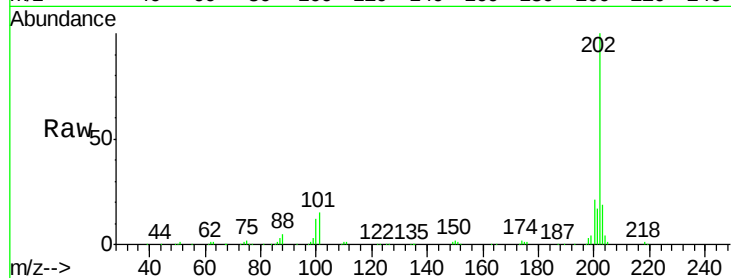
#77
 Pyrene
 Concen: 8.96 ng
 RT: 13.01 min Scan# 1891
 Delta R.T. -0.06 min
 Lab File: BF094423.D
 Acq: 14 Apr 2017 10:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-NSW

Tgt Ion:	202	Resp:	170611
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.6	26.4
203	18.8	14.4	21.6

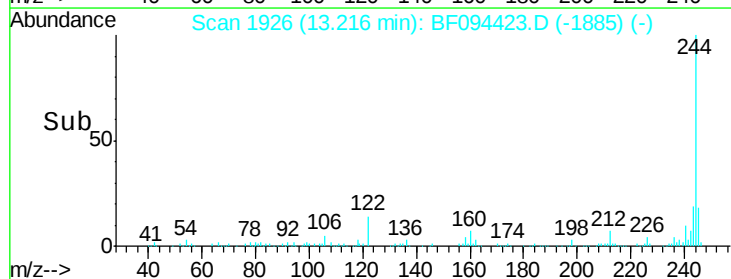
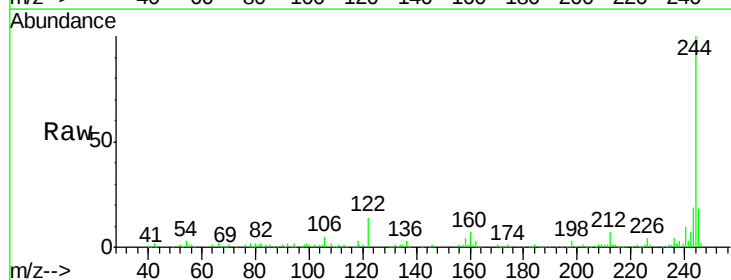
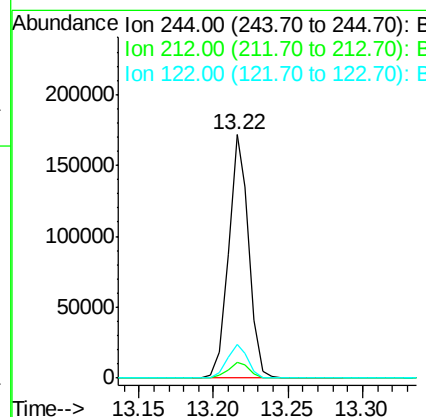
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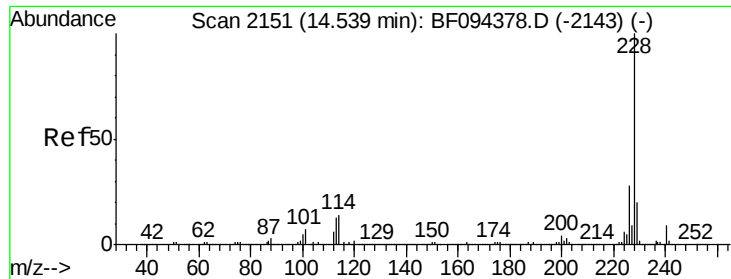
mohammad
 4/14/2017 1:36:23 PM



#78
 Terphenyl-d14
 Concen: 13.98 ng
 RT: 13.22 min Scan# 1926
 Delta R.T. -0.06 min
 Lab File: BF094423.D
 Acq: 14 Apr 2017 10:32

Tgt Ion:	244	Resp:	163607
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.0	9.0
122	13.9	10.3	15.5





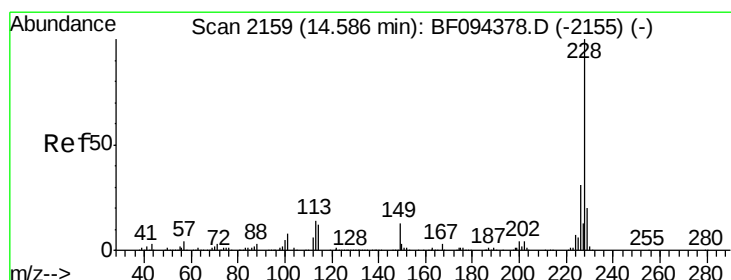
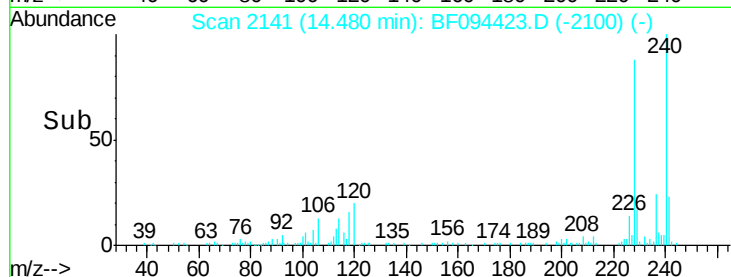
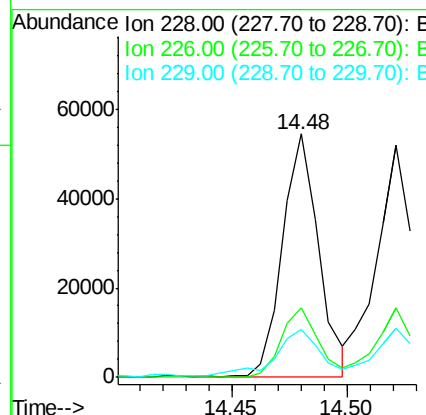
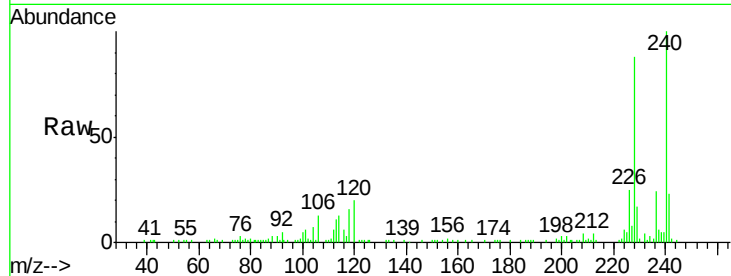
#80
Benzo(a)anthracene
Concen: 3.87 ng
RT: 14.48 min Scan# 2141
Delta R.T. -0.06 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.7	16.3	24.5

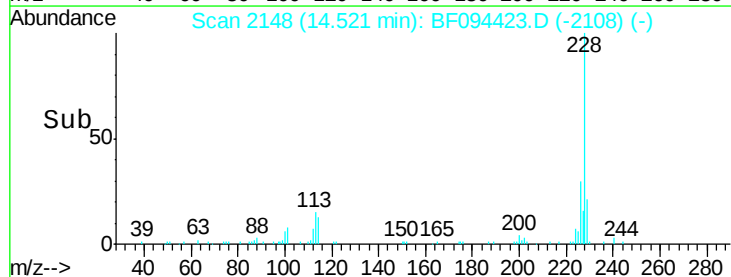
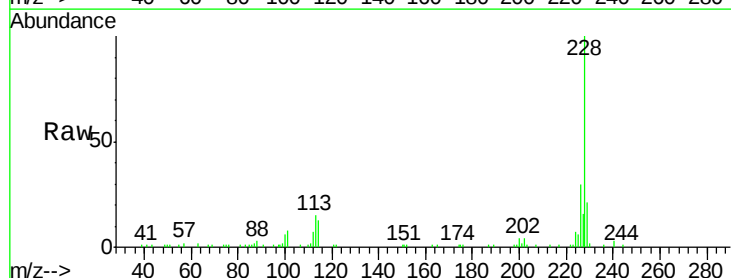
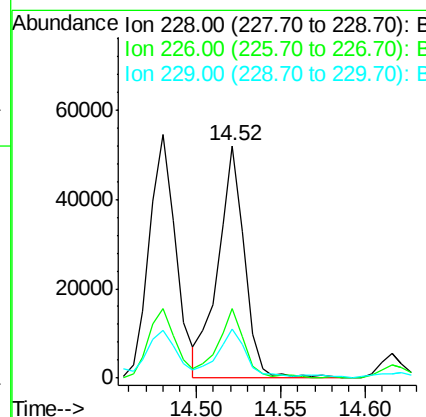
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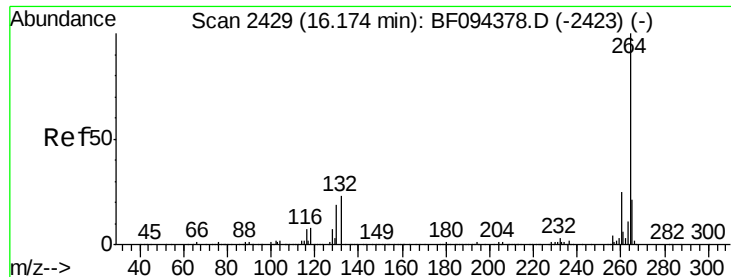
mohammad
4/14/2017 1:36:23 PM



#82
Chrysene
Concen: 4.03 ng
RT: 14.52 min Scan# 2148
Delta R.T. -0.06 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	21.3	15.8	23.6





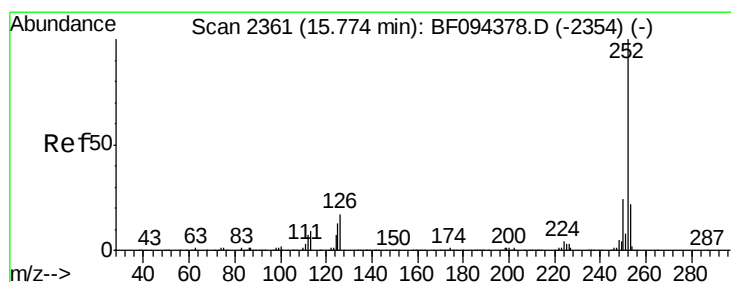
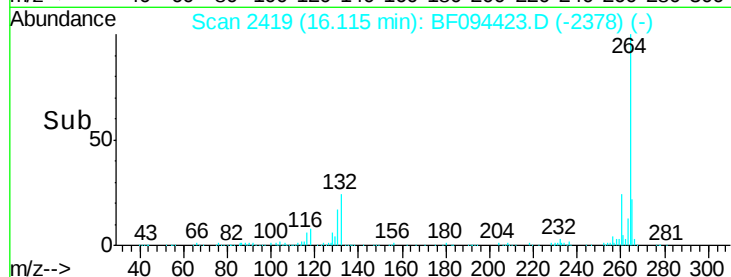
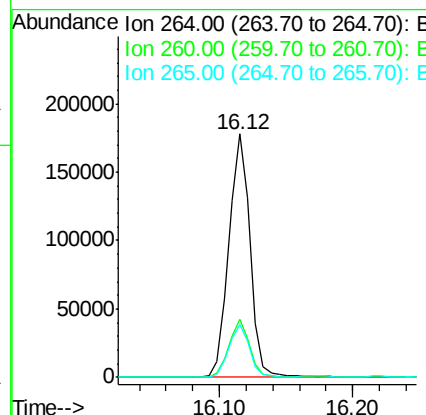
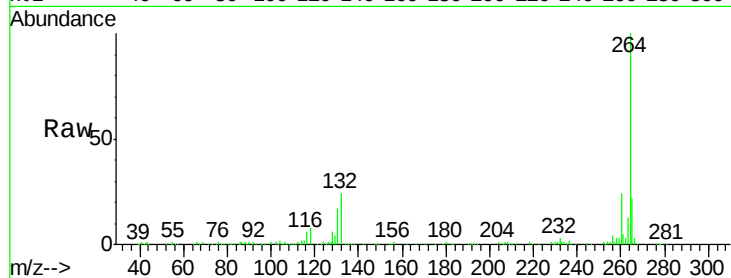
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 2419
Delta R.T. -0.06 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.8	17.2	25.8

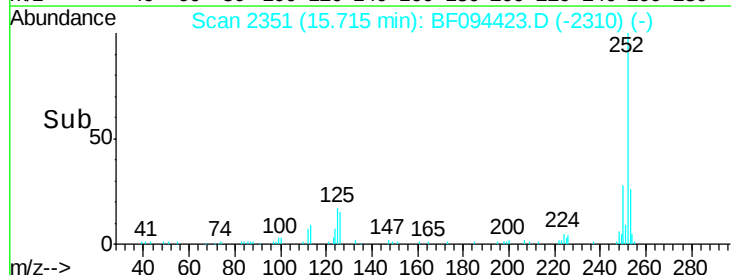
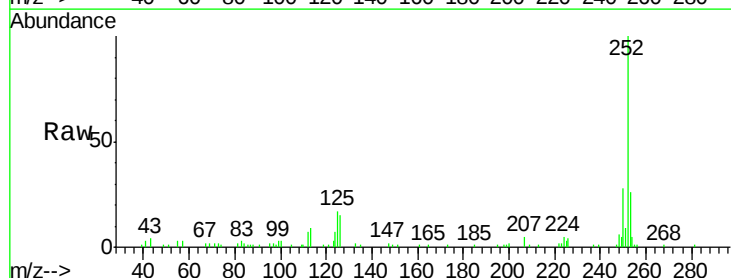
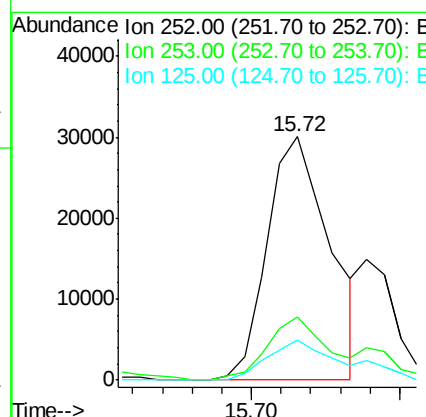
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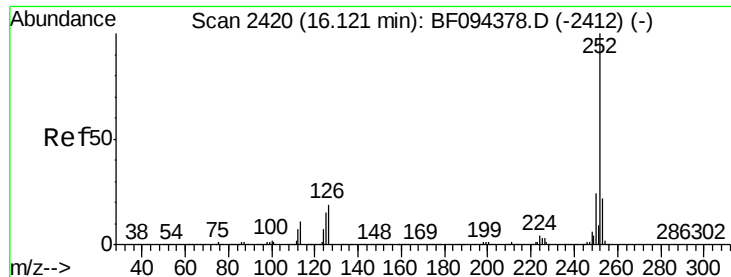
mohammad
4/14/2017 1:36:23 PM



#87
Benzo(b)fluoranthene
Concen: 3.57 ng m
RT: 15.72 min Scan# 2351
Delta R.T. -0.06 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.1	27.1
125	16.7	9.8	14.8





#89
Benzo(a)pyrene
Concen: 3.12 ng
RT: 16.06 min Scan# 2409
Delta R.T. -0.06 min
Lab File: BF094423.D
Acq: 14 Apr 2017 10:32

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	13.7	11.0	16.4

Manual Integrations
APPROVED

mohammad
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