

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041317\
 Data File : BF094424.D
 Acq On : 14 Apr 2017 11:00
 Operator : SJ/MA
 Sample : I2672-07 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-SSW-2

Manual Integrations
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Quant Time: Apr 14 11:24:36 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	134111	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	517606	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	216671	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	328629	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	255550	20.00	ng	-0.06
86) Perylene-d12	16.12	264	196062	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	187447	23.61	ng	-0.05
7) Phenol-d6	5.40	99	232073	23.63	ng	-0.06
23) Nitrobenzene-d5	6.43	82	133747	14.75	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	31647	18.48	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	251500	17.70	ng	-0.05
78) Terphenyl-d14	13.22	244	149943	13.15	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.10	163	38135	2.48	ng	# 99
70) Phenanthrene	11.27	178	85440	4.67	ng	98
74) Fluoranthene	12.73	202	127977	6.84	ng	99
77) Pyrene	13.01	202	108382	5.84	ng	97
80) Benzo(a)anthracene	14.48	228	51410	3.45	ng	97
82) Chrysene	14.52	228	46900	3.39	ng	96
87) Benzo(b)fluoranthene	15.72	252	50924m	4.24	ng	
89) Benzo(a)pyrene	16.06	252	33963	3.07	ng	99

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

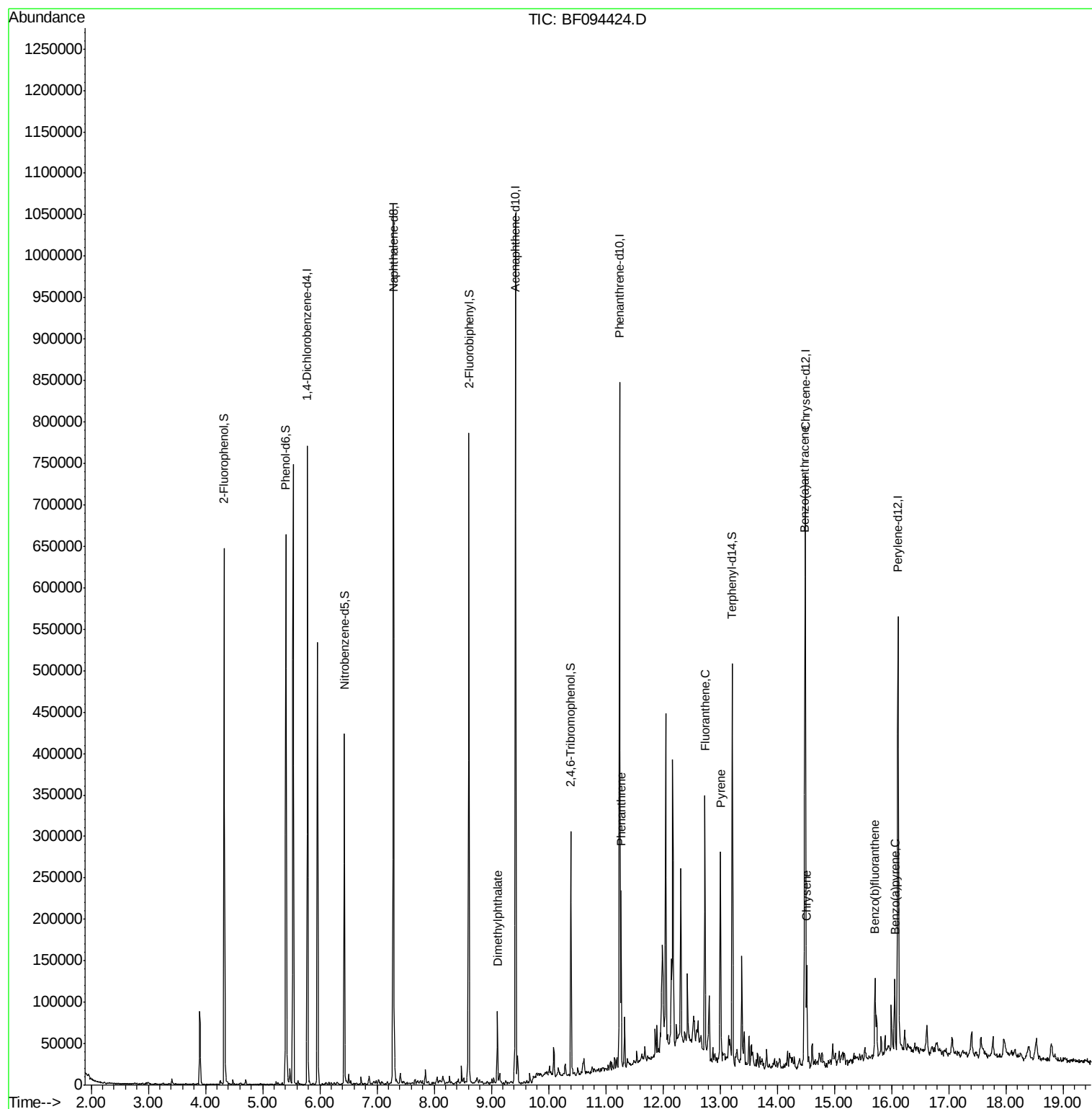
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041317\
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ALS Vial : 35 Sample Multiplier: 1

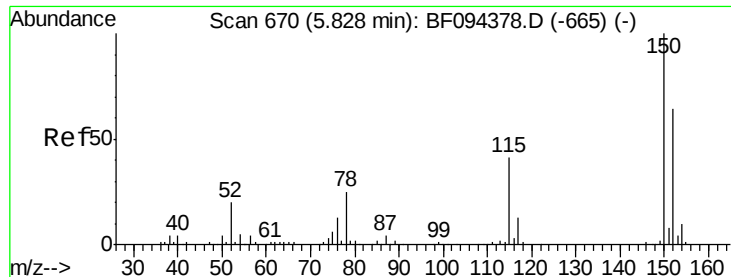
Instrument :
BNA_F
ClientSampleId :
E2-AA10-SSW-2

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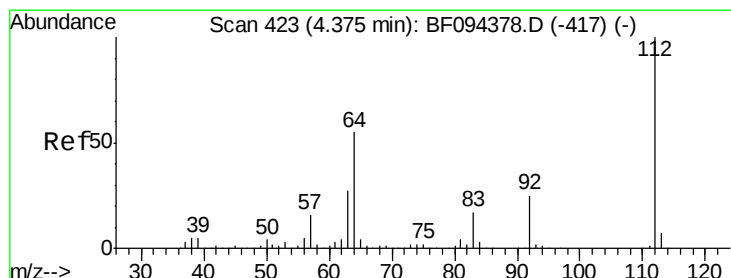
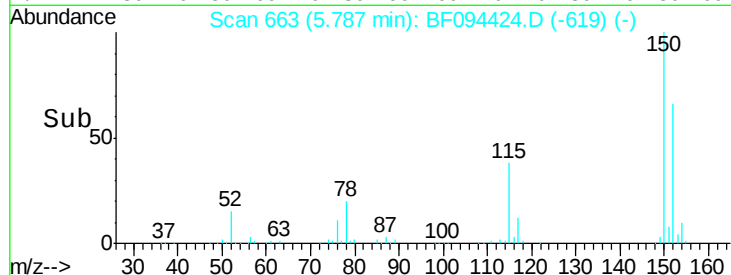
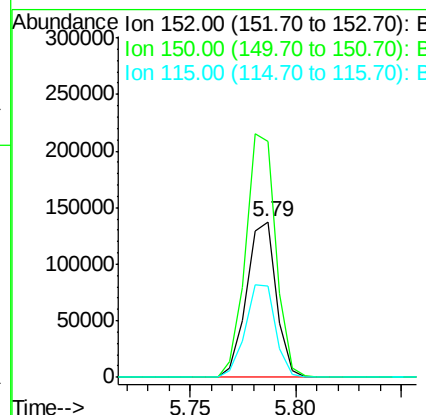
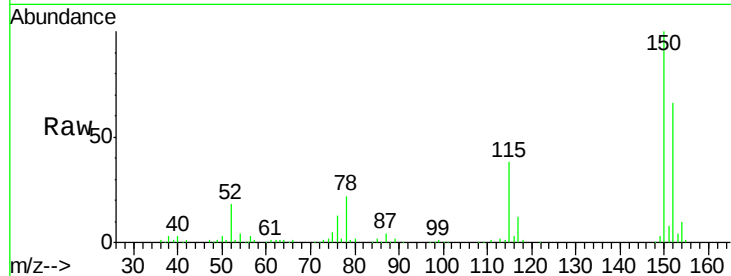
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.79 min Scan# 663
 Delta R.T. -0.04 min
 Lab File: BF094424.D
 Acq: 14 Apr 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-SSW-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.2	189.2
115	58.4	52.2	78.2

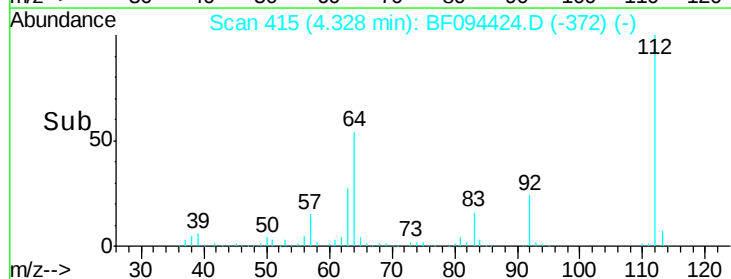
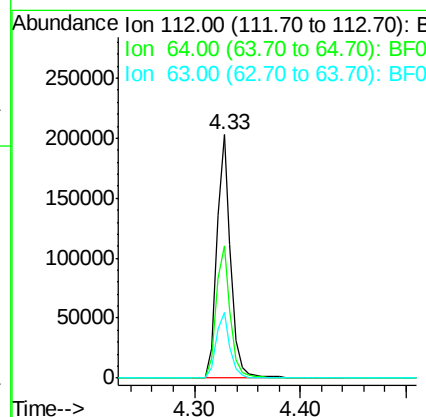
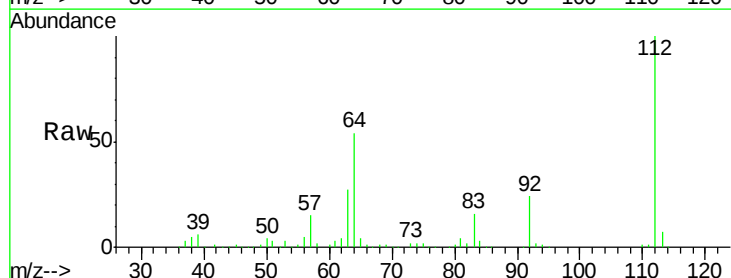
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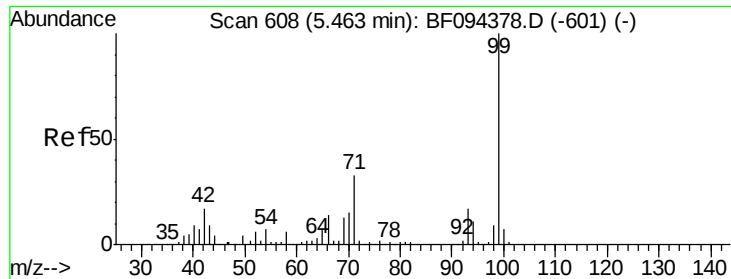
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#5
 2-Fluorophenol
 Concen: 23.61 ng
 RT: 4.33 min Scan# 415
 Delta R.T. -0.05 min
 Lab File: BF094424.D
 Acq: 14 Apr 2017 11:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.0	69.0
63	26.8	23.4	35.0





#7

Phenol-d6

Concen: 23.63 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.06 min

Lab File: BF094424.D

Acq: 14 Apr 2017 11:00

Instrument :

BNA_F

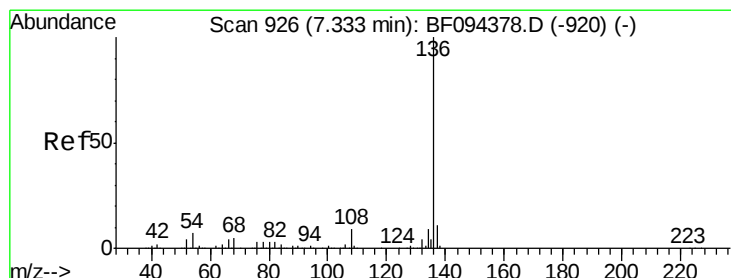
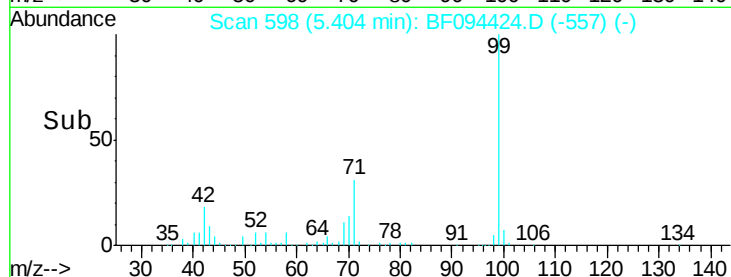
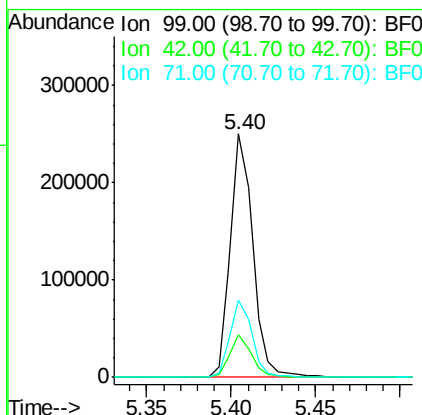
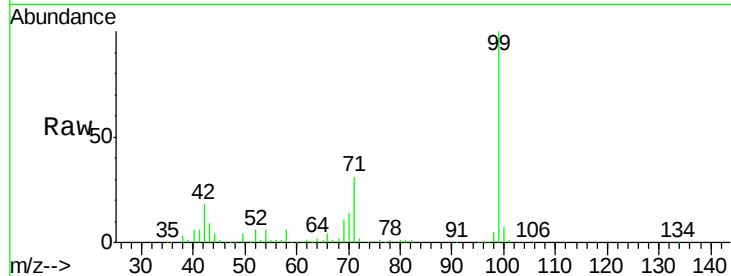
ClientSampleId :

E2-AA10-SSW-2

Tgt Ion:	99	Resp:	232073
Ion Ratio	Lower	Upper	
99	100		
42	17.6	13.5	20.3
71	31.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

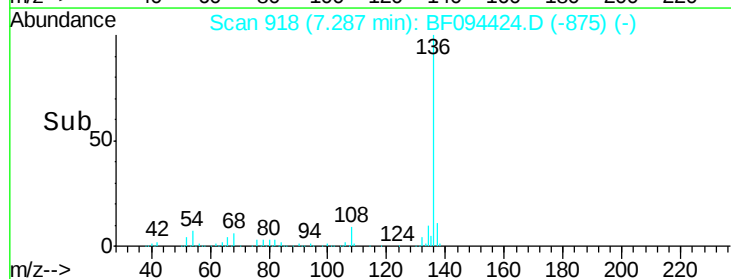
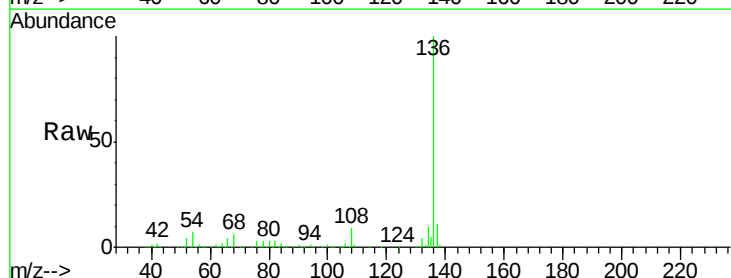
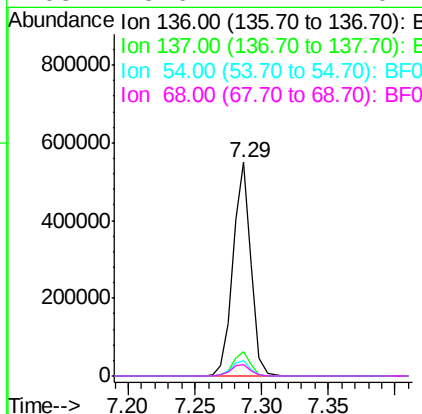
RT: 7.29 min Scan# 918

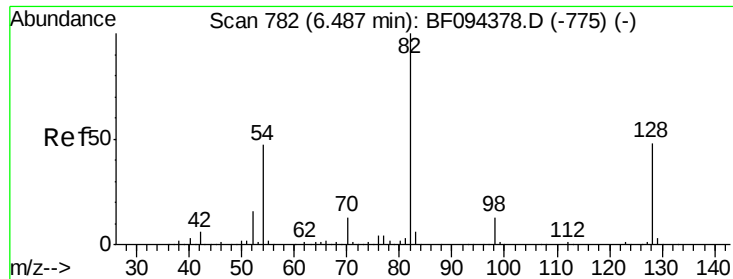
Delta R.T. -0.05 min

Lab File: BF094424.D

Acq: 14 Apr 2017 11:00

Tgt Ion:	136	Resp:	517606
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	7.0	4.9	7.3
68	5.6	4.1	6.1





#23

Nitrobenzene-d5

Concen: 14.75 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.06 min

Lab File: BF094424.D

Acq: 14 Apr 2017 11:00

Instrument :

BNA_F

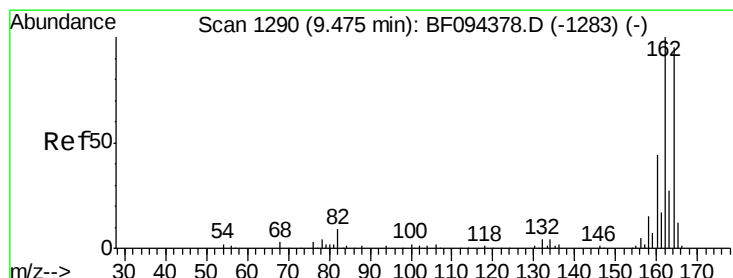
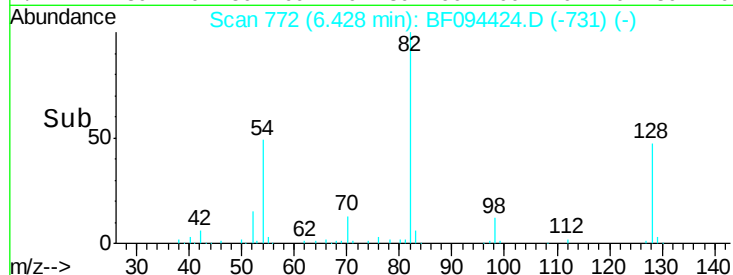
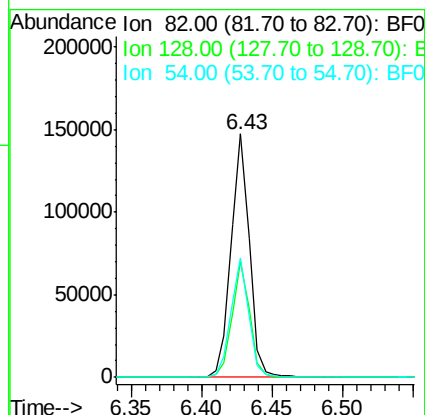
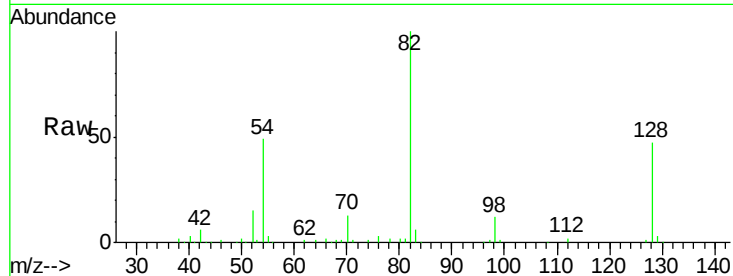
ClientSampleId :

E2-AA10-SSW-2

Tgt Ion:	82	Resp:	133747
Ion Ratio	Lower	Upper	
82	100		
128	47.3	34.0	51.0
54	49.3	42.2	63.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

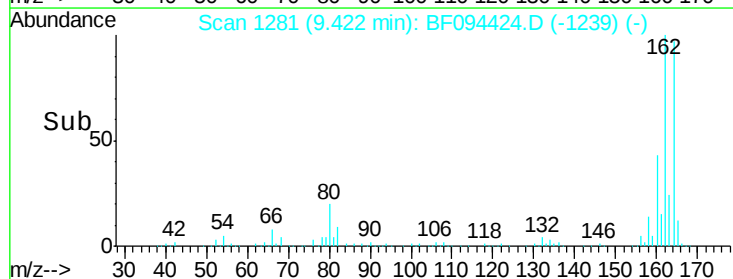
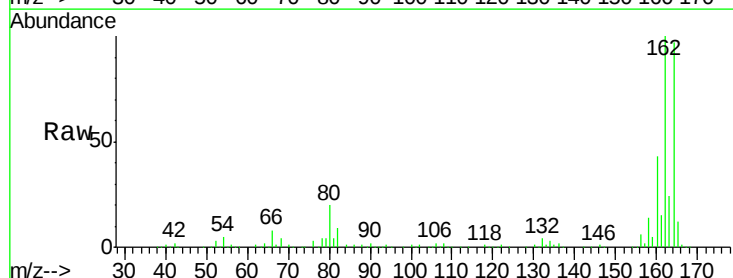
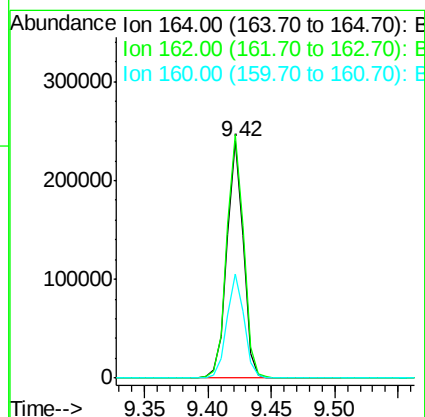
RT: 9.42 min Scan# 1281

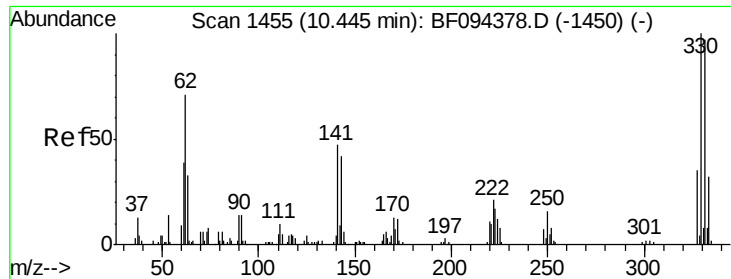
Delta R.T. -0.05 min

Lab File: BF094424.D

Acq: 14 Apr 2017 11:00

Tgt Ion:	164	Resp:	216671
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.6	123.8
160	44.0	36.2	54.2





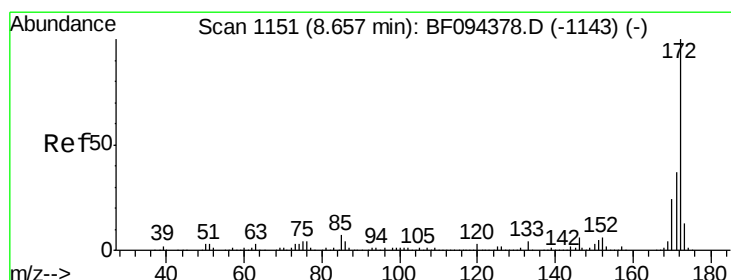
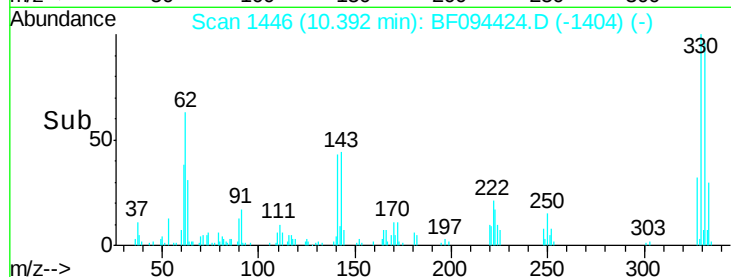
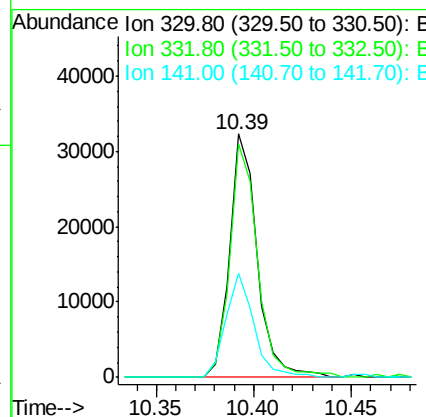
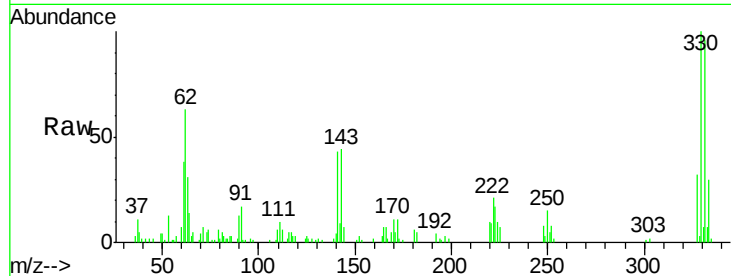
#41
 2,4,6-Tribromophenol
 Concen: 18.48 ng
 RT: 10.39 min Scan# 1446
 Delta R.T. -0.05 min
 Lab File: BF094424.D
 Acq: 14 Apr 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-SSW-2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	43.5	31.4	47.2

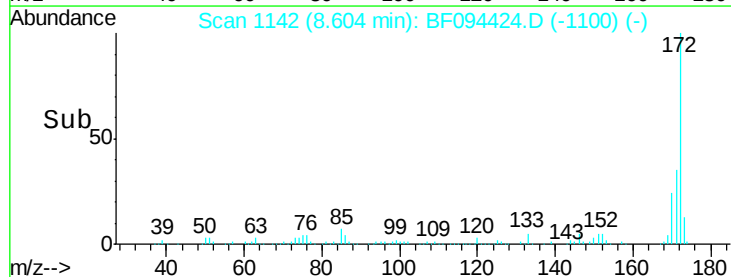
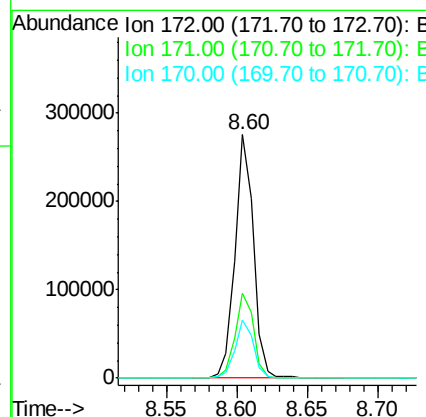
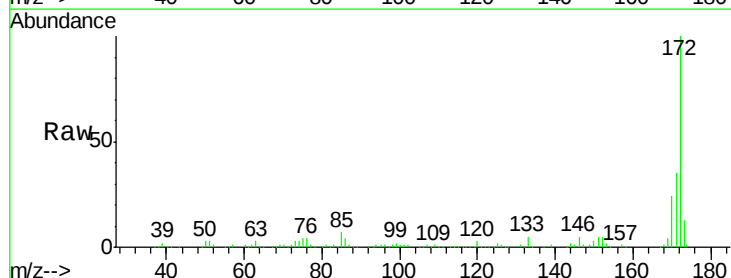
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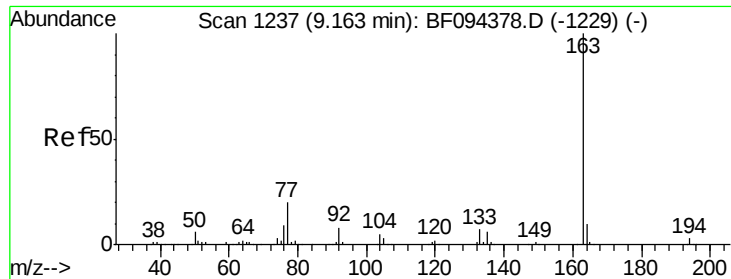
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#44
 2-Fluorobiphenyl
 Concen: 17.70 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.05 min
 Lab File: BF094424.D
 Acq: 14 Apr 2017 11:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	24.0	19.8	29.8





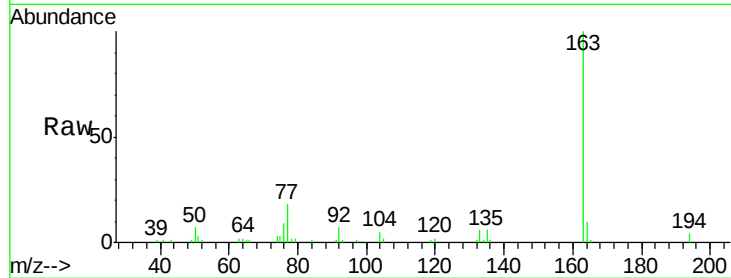
#49
Dimethylphthalate
Concen: 2.48 ng
RT: 9.10 min Scan# 1227
Delta R.T. -0.06 min
Lab File: BF094424.D
Acq: 14 Apr 2017 11:00

Instrument :
BNA_F
ClientSampleId :
E2-AA10-SSW-2

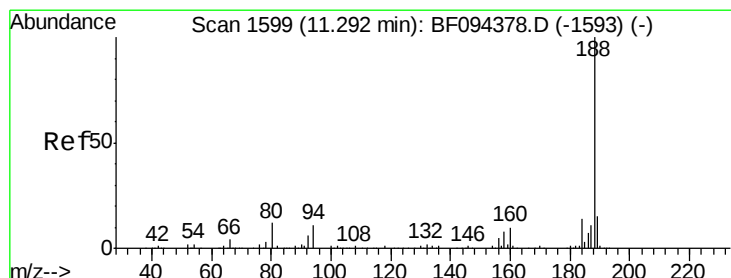
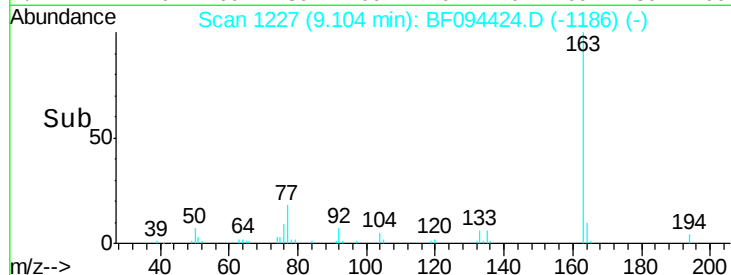
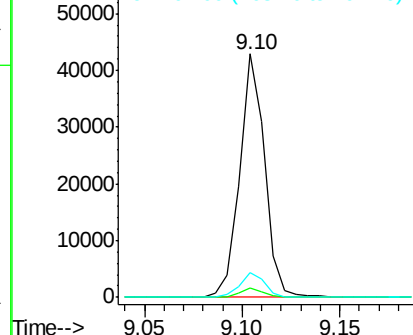
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	38135		
194	4.0	2.6	4.0#	
164	10.3	8.4	12.6	

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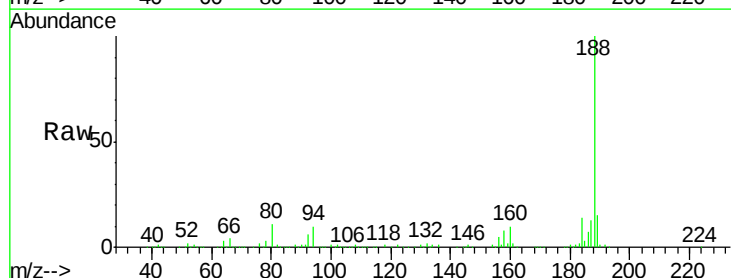


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

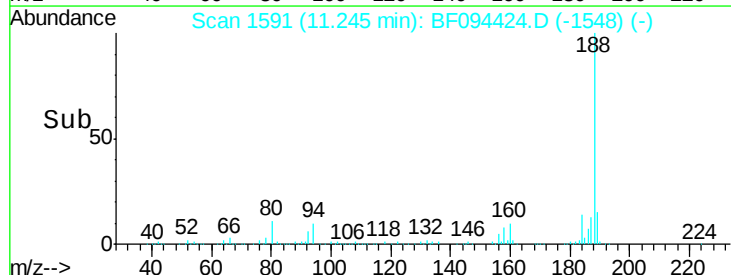
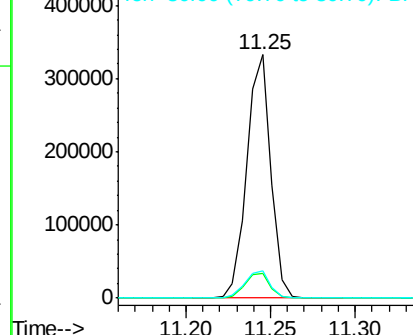


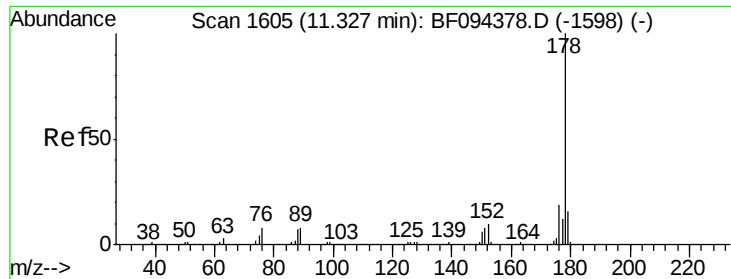
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094424.D
Acq: 14 Apr 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	328629		
94	10.1	9.4	14.2	
80	11.3	10.2	15.2	



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





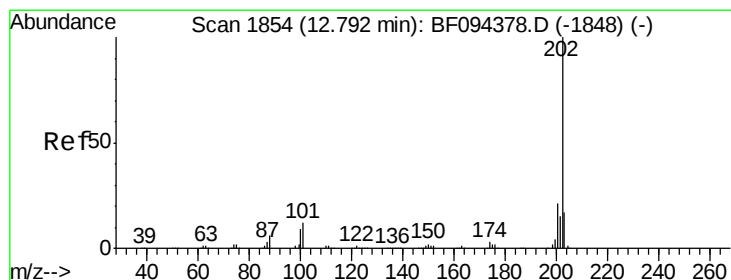
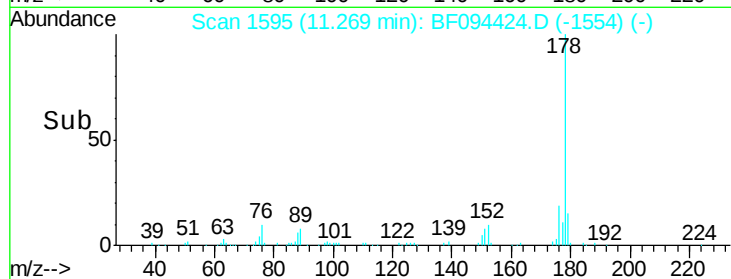
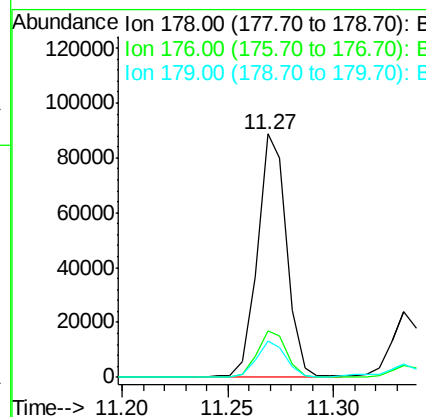
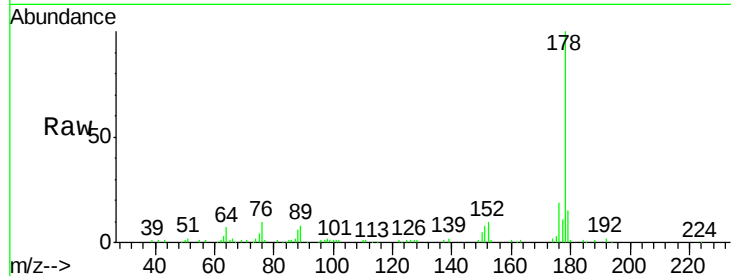
#70
Phenanthrene
Concen: 4.67 ng
RT: 11.27 min Scan# 1595
Delta R.T. -0.06 min
Lab File: BF094424.D
Acq: 14 Apr 2017 11:00

Instrument :
BNA_F
ClientSampleId :
E2-AA10-SSW-2

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.7	12.6	19.0

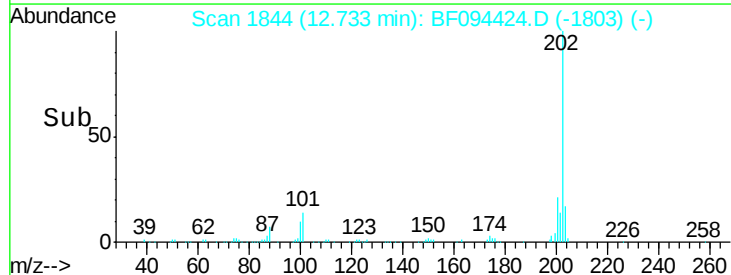
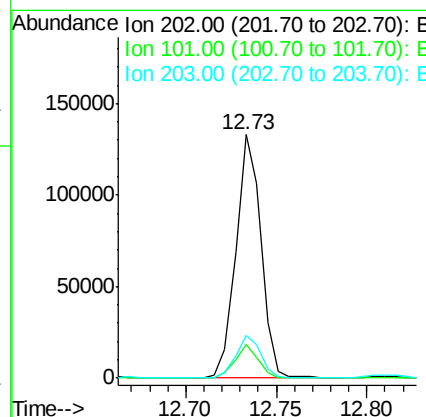
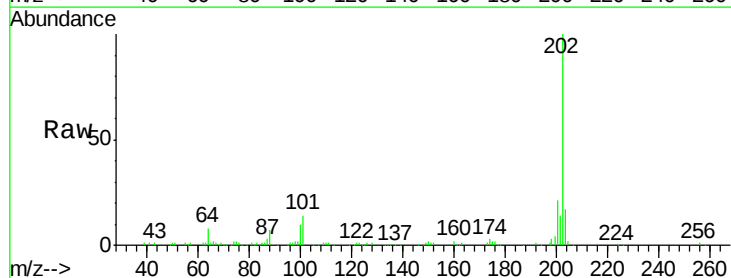
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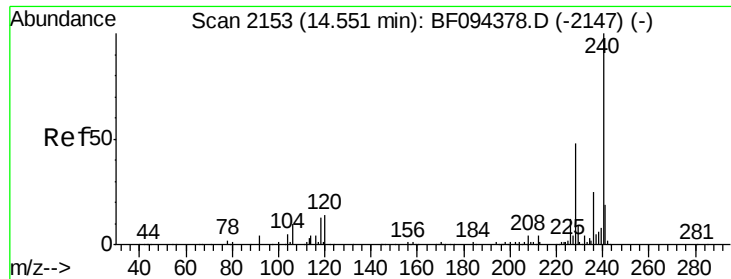
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#74
Fluoranthene
Concen: 6.84 ng
RT: 12.73 min Scan# 1844
Delta R.T. -0.06 min
Lab File: BF094424.D
Acq: 14 Apr 2017 11:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.49 min Scan# 2143

Delta R.T. -0.06 min

Lab File: BF094424.D

Acq: 14 Apr 2017 11:00

Instrument :

BNA_F

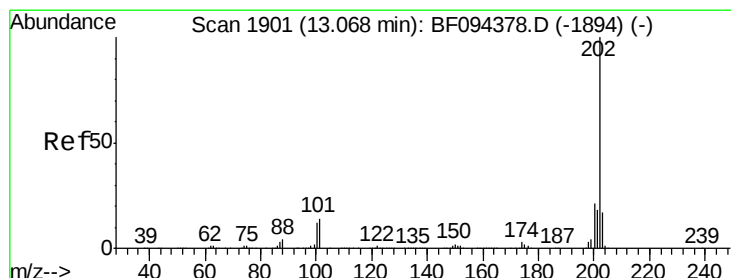
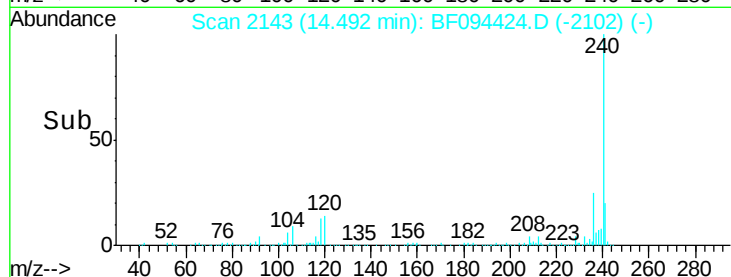
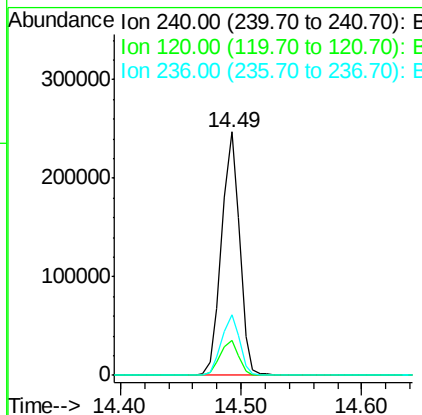
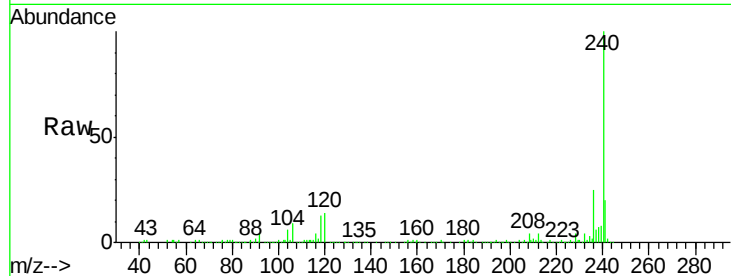
ClientSampleId :

E2-AA10-SSW-2

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	255550		
120	14.2	5.8	8.8#	
236	25.0	20.5	30.7	

Manual Integrations
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#77

Pyrene

Concen: 5.84 ng

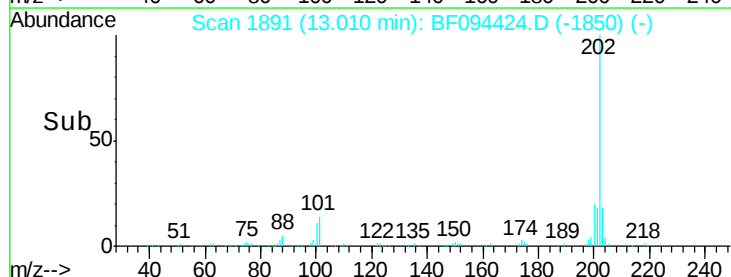
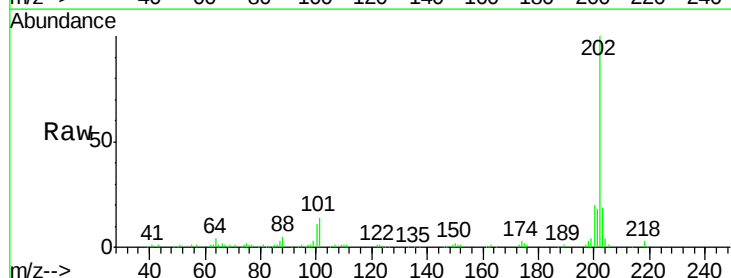
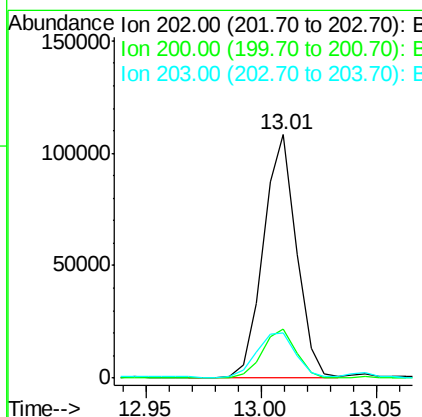
RT: 13.01 min Scan# 1891

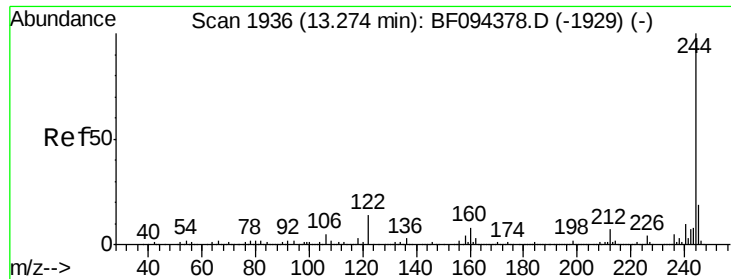
Delta R.T. -0.06 min

Lab File: BF094424.D

Acq: 14 Apr 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	108382		
200	20.2	17.6	26.4	
203	18.6	14.4	21.6	





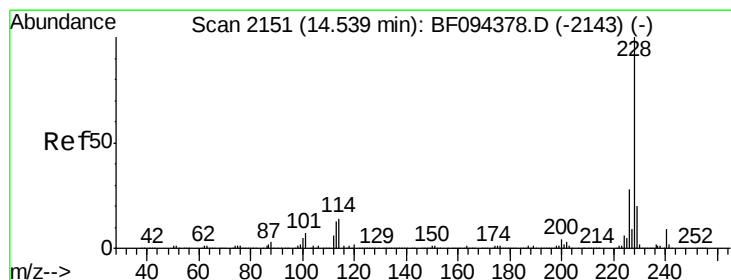
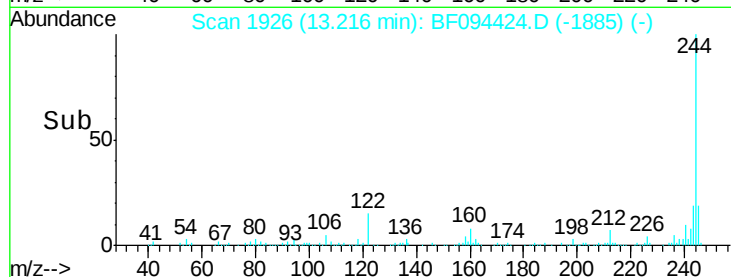
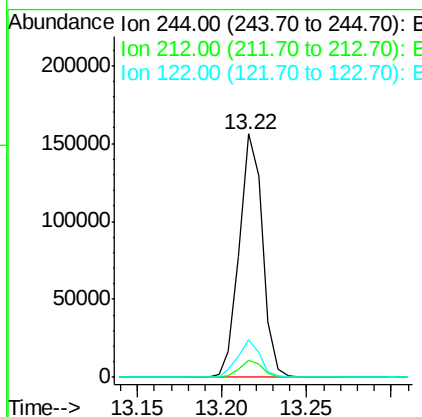
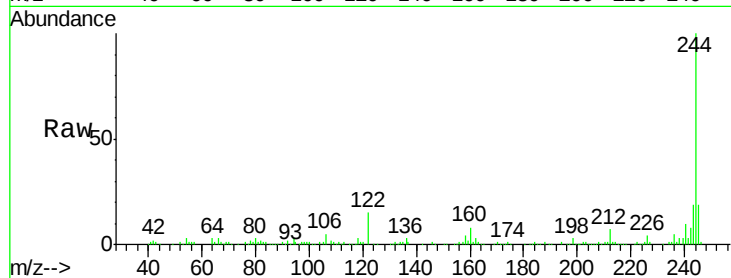
#78
 Terphenyl-d14
 Concen: 13.15 ng
 RT: 13.22 min Scan# 1926
 Delta R.T. -0.06 min
 Lab File: BF094424.D
 Acq: 14 Apr 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-SSW-2

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	149943		
212	6.9	6.0	9.0	
122	15.3	10.3	15.5	

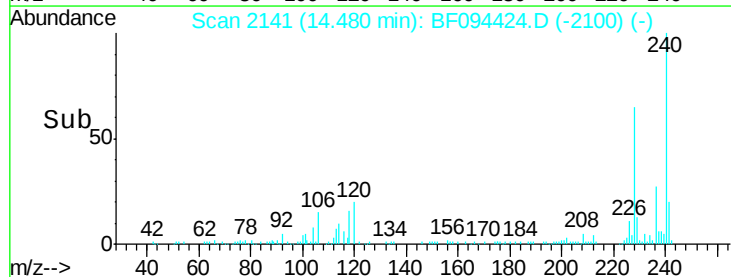
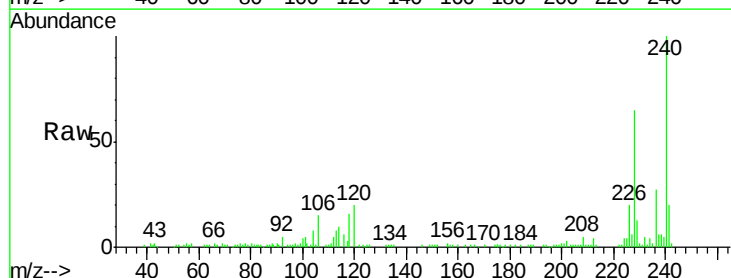
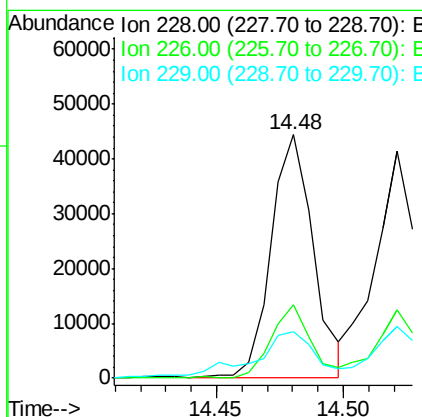
Manual Integrations
 APPROVED

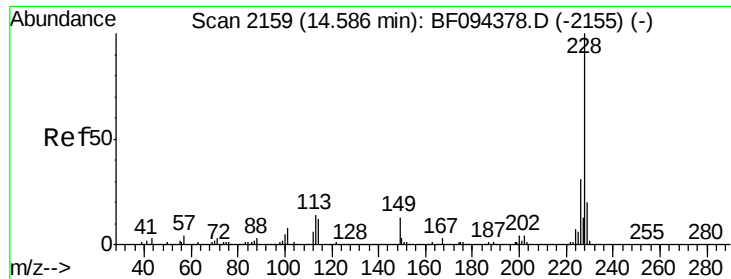
mohammad
 4/14/2017 1:36:17 PM



#80
 Benzo(a)anthracene
 Concen: 3.45 ng
 RT: 14.48 min Scan# 2141
 Delta R.T. -0.06 min
 Lab File: BF094424.D
 Acq: 14 Apr 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	51410		
226	30.0	22.6	33.8	
229	19.2	16.3	24.5	





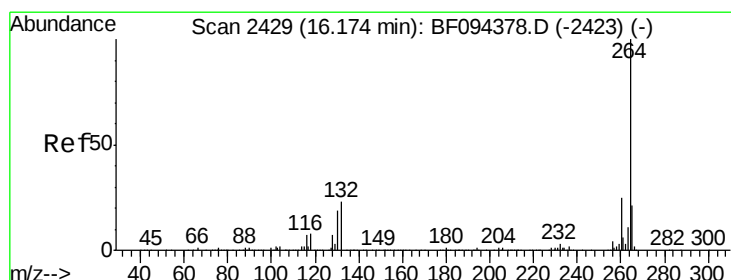
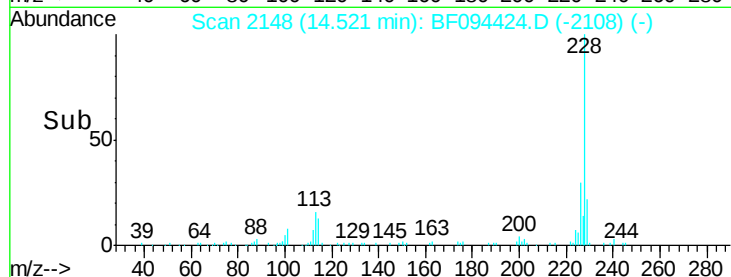
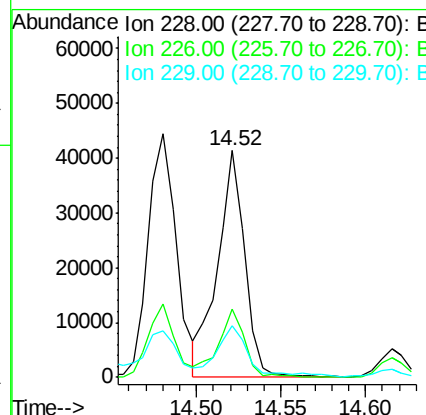
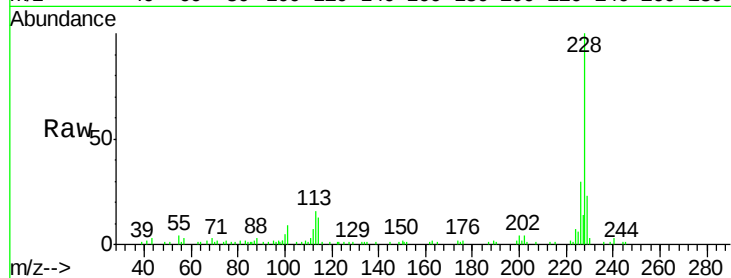
#82
Chrysene
Concen: 3.39 ng
RT: 14.52 min Scan# 2148
Delta R.T. -0.06 min
Lab File: BF094424.D
Acq: 14 Apr 2017 11:00

Instrument :
BNA_F
ClientSampleId :
E2-AA10-SSW-2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	22.6	15.8	23.6

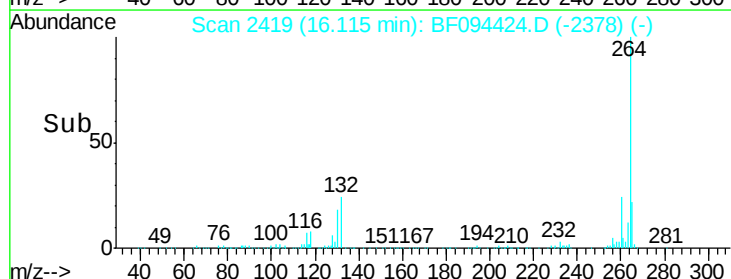
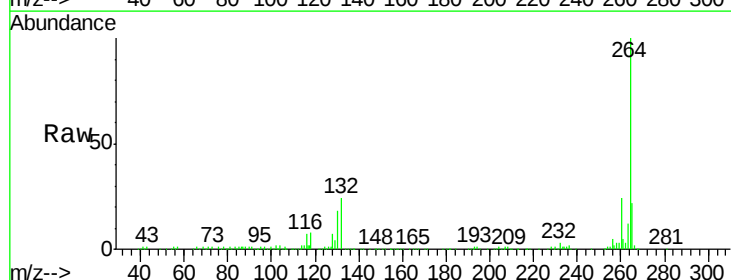
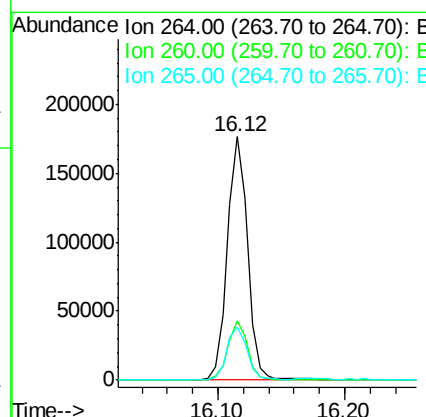
Manual Integrations
APPROVED

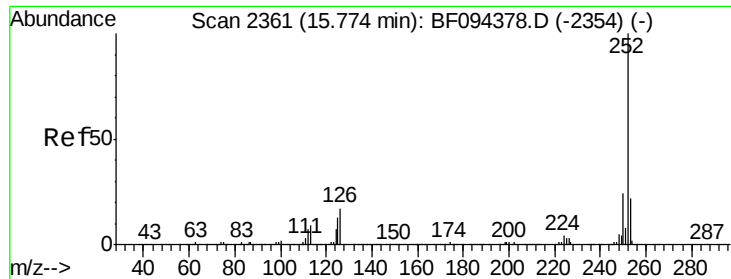
mohammad
4/14/2017 1:36:17 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 2419
Delta R.T. -0.06 min
Lab File: BF094424.D
Acq: 14 Apr 2017 11:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.24 ng m

RT: 15.72 min Scan# 2351

Delta R.T. -0.06 min

Lab File: BF094424.D

Acq: 14 Apr 2017 11:00

Instrument :

BNA_F

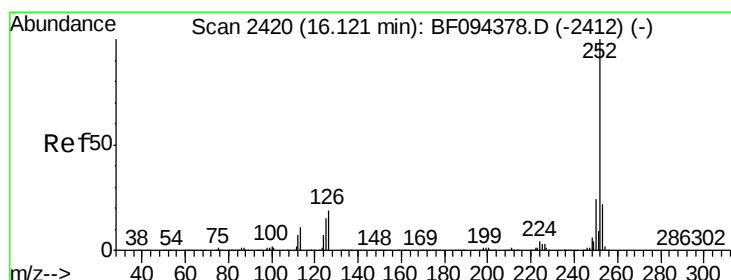
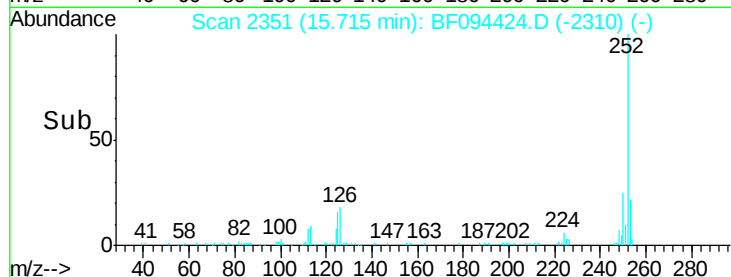
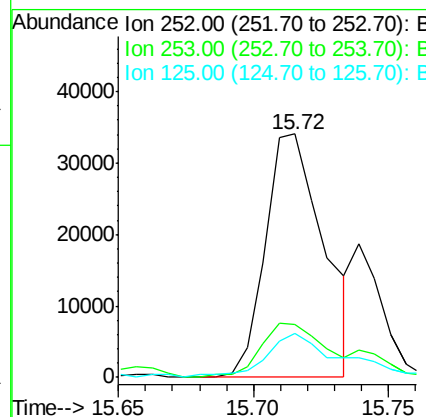
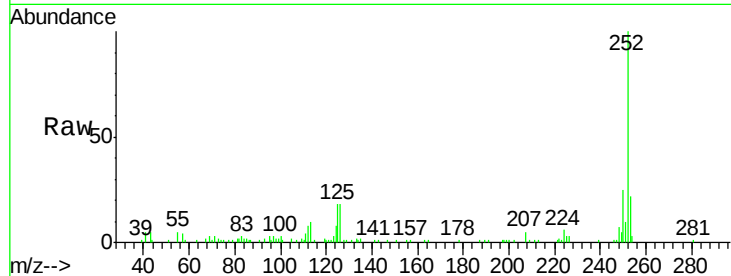
ClientSampleId :

E2-AA10-SSW-2

Tgt Ion:	252	Resp:	50924
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	18.0	9.8	14.8#

Manual Integrations
APPROVED

mohammad
4/14/2017 1:36:17 PM



#89

Benzo(a)pyrene

Concen: 3.07 ng

RT: 16.06 min Scan# 2409

Delta R.T. -0.06 min

Lab File: BF094424.D

Acq: 14 Apr 2017 11:00

Tgt Ion:	252	Resp:	33963
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	13.1	11.0	16.4

