

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094632.D
 Acq On : 26 Apr 2017 4:39
 Operator : SJ/MA
 Sample : I2813-04 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-SSW

Manual Integrations
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mohammad
 4/26/2017 2:22:40 PM

Quant Time: Apr 26 07:18:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	115354	20.00	ng	-0.01
21) Naphthalene-d8	7.25	136	453571	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	177050	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	273507	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	247491	20.00	ng	-0.01
86) Perylene-d12	16.08	264	178219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	178482	25.67	ng	0.00
7) Phenol-d6	5.37	99	220801	26.94	ng	-0.02
23) Nitrobenzene-d5	6.40	82	120632	16.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	29022	20.96	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	221260	18.39	ng	-0.02
78) Terphenyl-d14	13.18	244	115514	12.48	ng	-0.02
Target Compounds						Qvalue
70) Phenanthrene	11.23	178	110043	7.14	ng	98
74) Fluoranthene	12.69	202	114278	7.16	ng	98
77) Pyrene	12.97	202	108353	6.27	ng	97
80) Benzo(a)anthracene	14.44	228	40144	2.79	ng	98
82) Chrysene	14.48	228	36195m	2.75	ng	
87) Benzo(b)fluoranthene	15.68	252	31498m	2.89	ng	
89) Benzo(a)pyrene	16.02	252	23949	2.36	ng	# 88

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

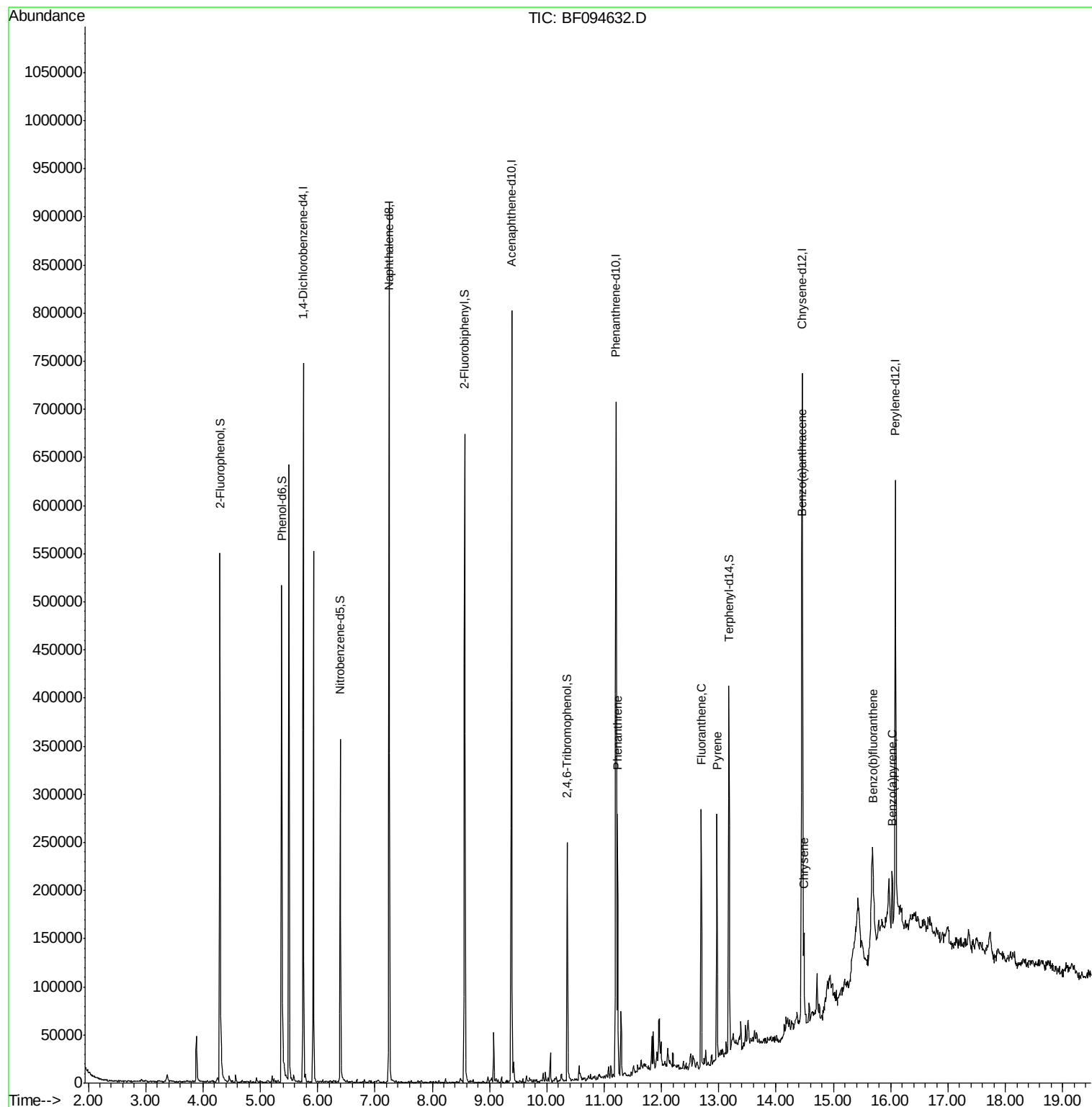
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
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Sample : I2813-04 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

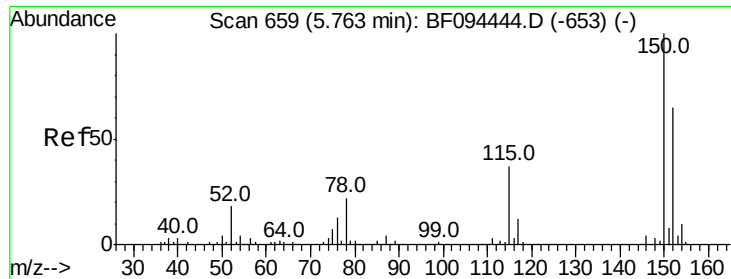
Instrument :
BNA_F
ClientSampleId :
E2-W9-SSW

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Quant Time: Apr 26 07:18:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

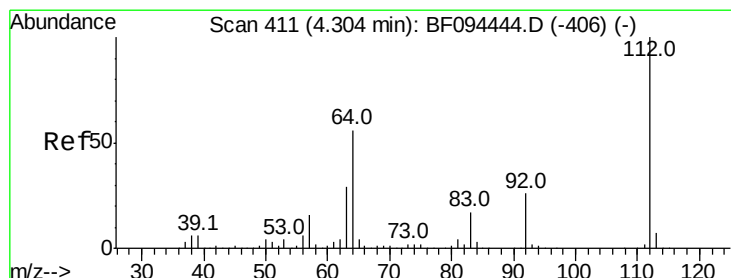
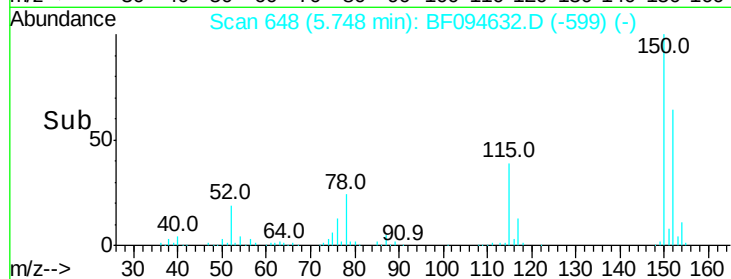
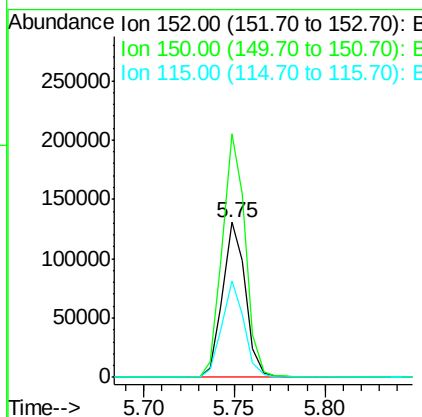
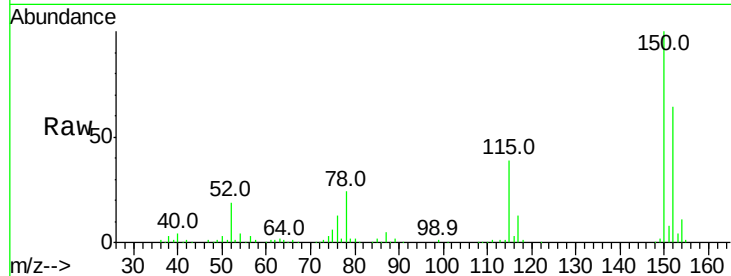
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094632.D
Acq: 26 Apr 2017 4:39

Instrument :
BNA_F
ClientSampled :
E2-W9-SSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	61.9	52.2	78.2

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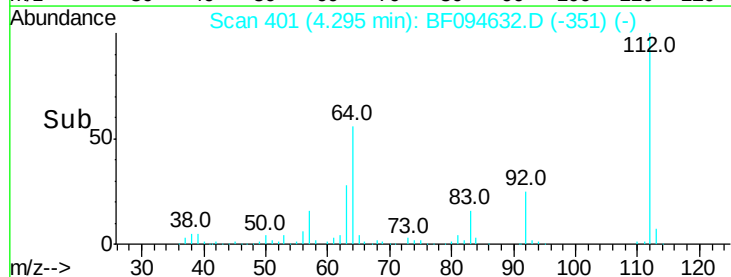
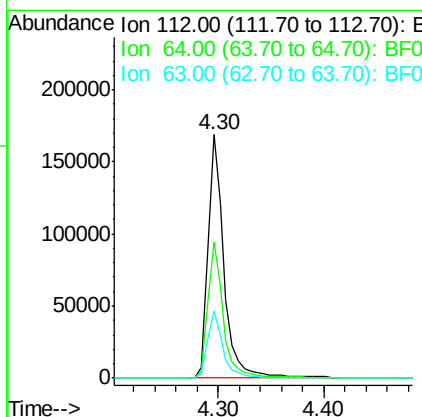
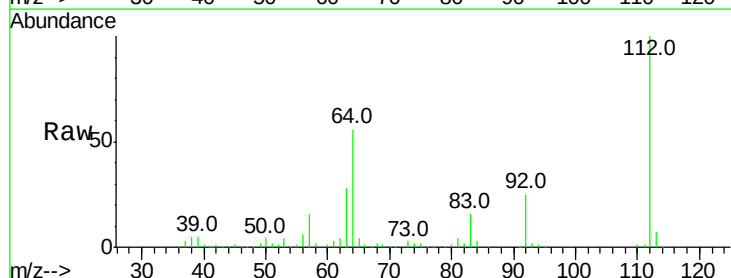
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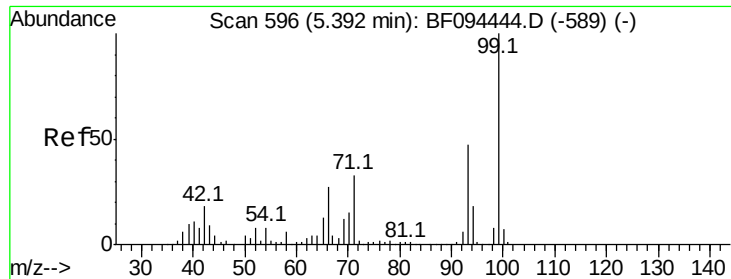


#5

2-Fluorophenol
Concen: 25.67 ng
RT: 4.30 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF094632.D
Acq: 26 Apr 2017 4:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.0	69.0
63	27.7	23.4	35.0





#7

Phenol-d6

Concen: 26.94 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094632.D

Acq: 26 Apr 2017 4:39

Instrument :

BNA_F

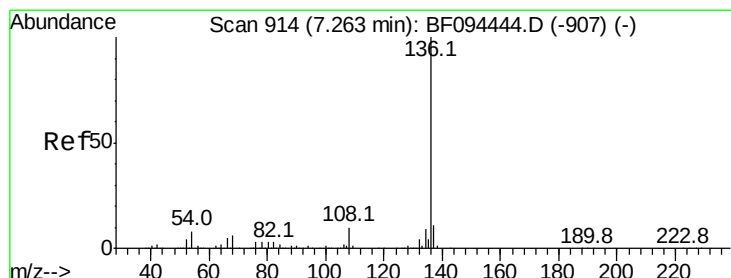
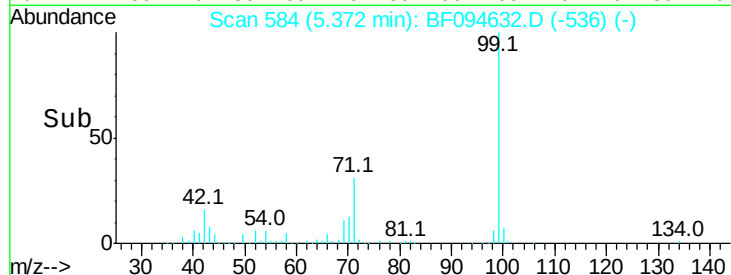
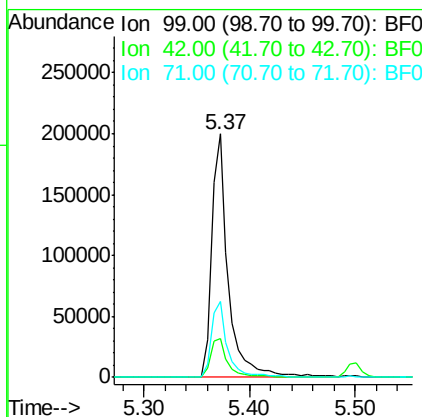
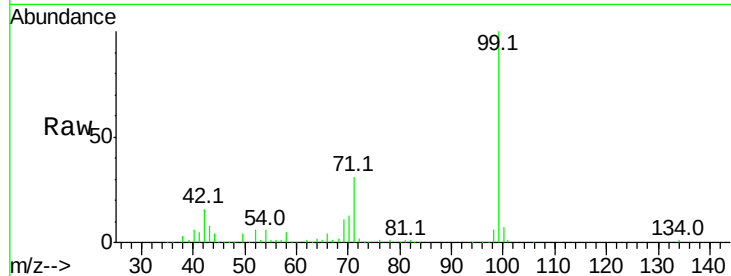
ClientSampleId :

E2-W9-SSW

Tot Ion:	99	Resp:	220801
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.5	20.3
71	31.2	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

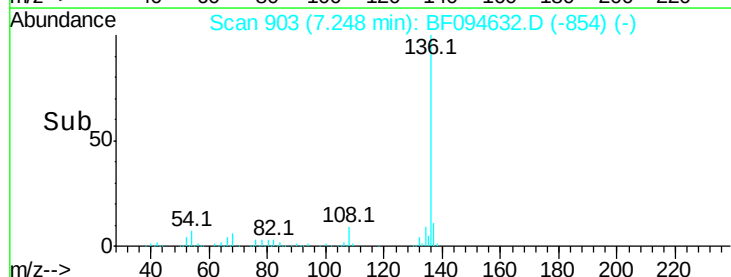
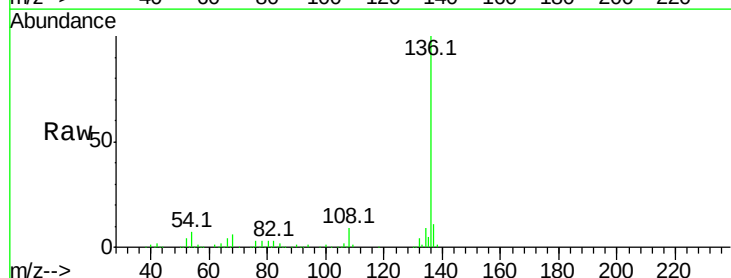
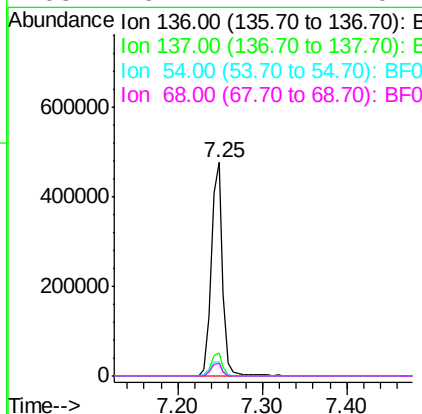
RT: 7.25 min Scan# 903

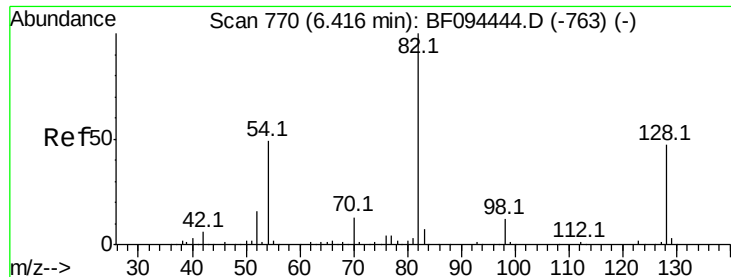
Delta R.T. -0.01 min

Lab File: BF094632.D

Acq: 26 Apr 2017 4:39

Tgt Ion:	136	Resp:	453571
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.8	4.9	7.3
68	5.7	4.1	6.1





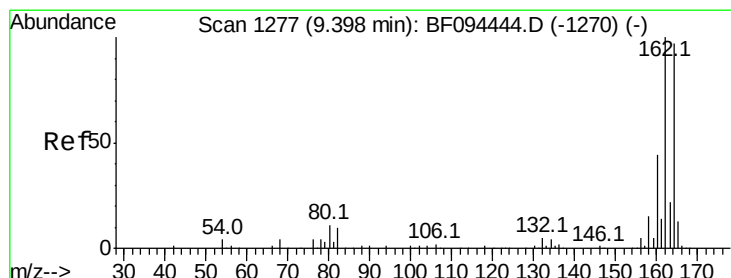
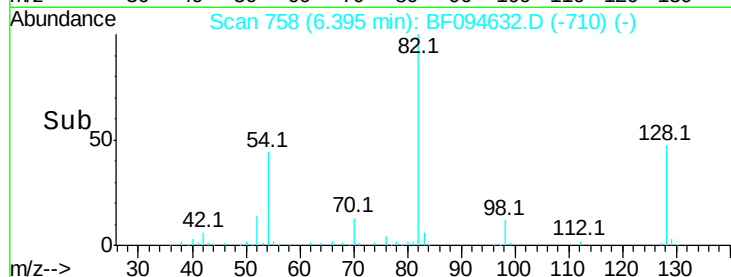
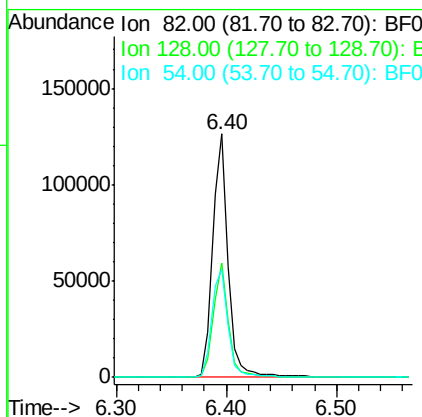
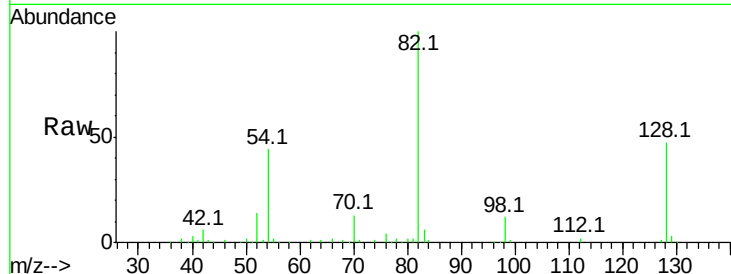
#23
 Nitrobenzene-d5
 Concen: 16.42 ng
 RT: 6.40 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: BF094632.D
 Acq: 26 Apr 2017 4:39

Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-SSW

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	44.4	42.2	63.2

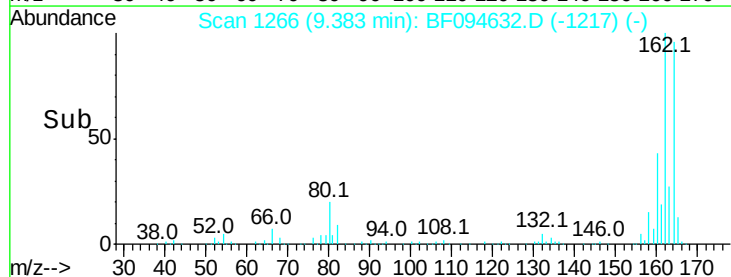
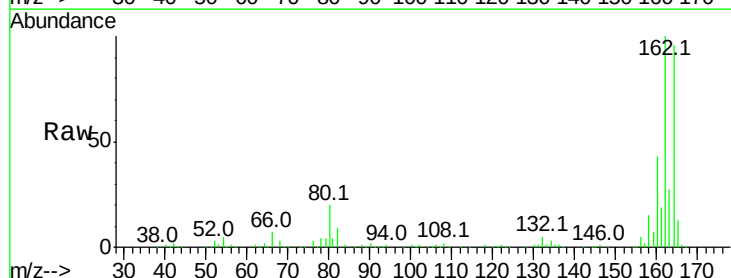
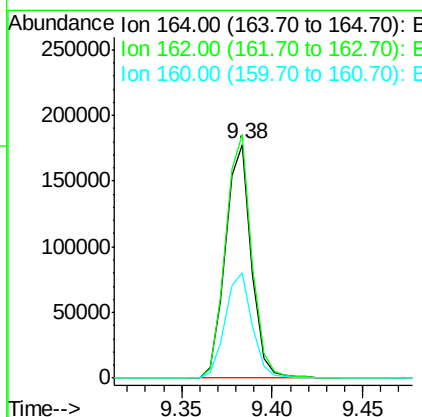
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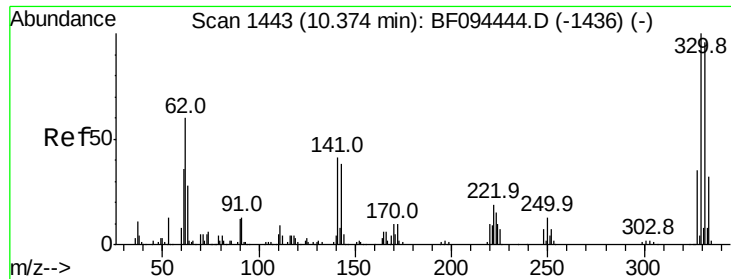
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094632.D
 Acq: 26 Apr 2017 4:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	45.2	36.2	54.2





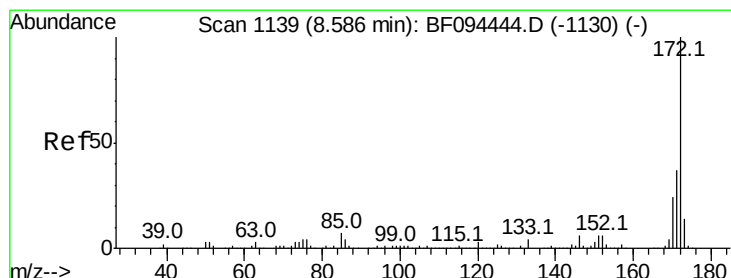
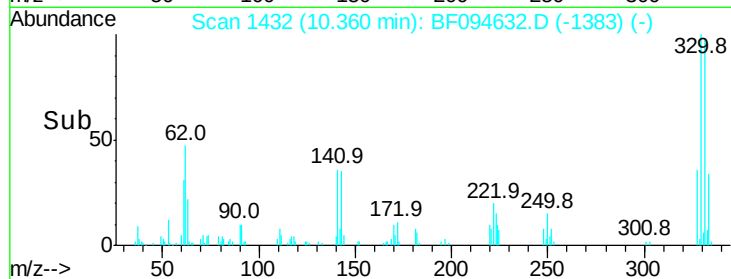
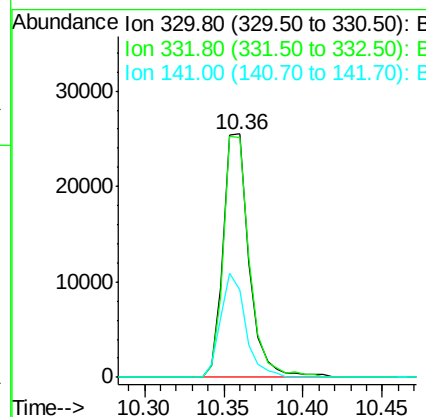
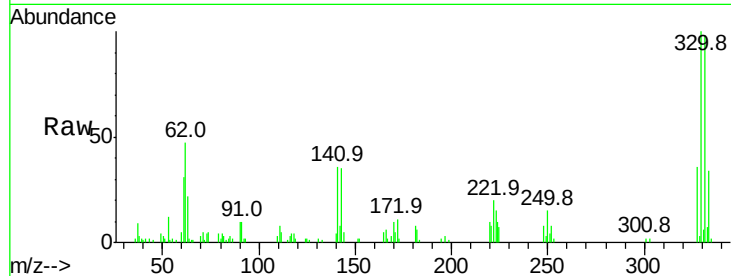
#41
 2,4,6-Tribromophenol
 Concen: 20.96 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094632.D
 Acq: 26 Apr 2017 4:39

Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-SSW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	29022		
332	98.6	76.6	115.0	
141	40.9	31.4	47.2	

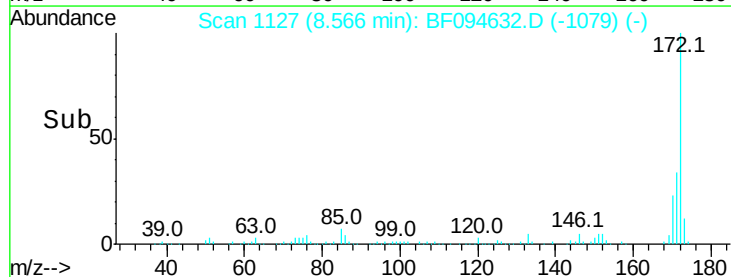
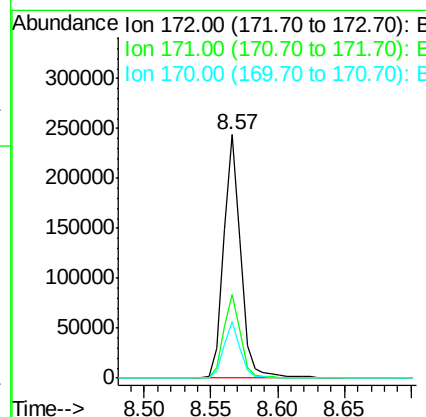
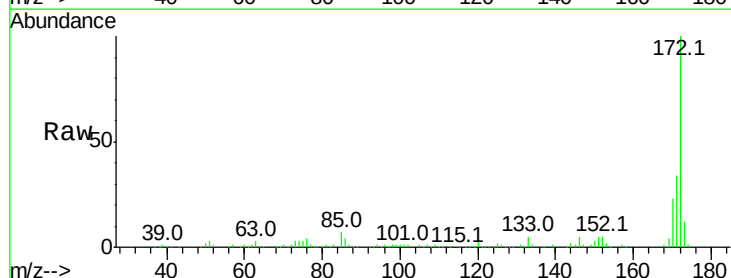
Manual Integrations
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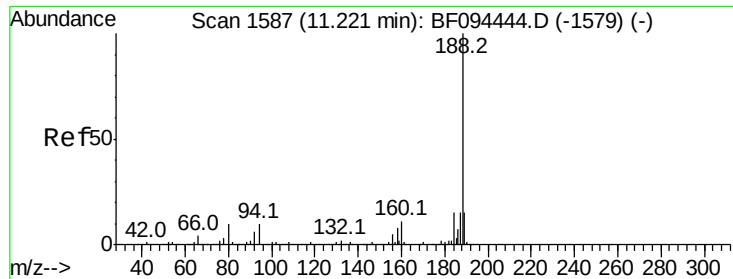
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#44
 2-Fluorobiphenyl
 Concen: 18.39 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094632.D
 Acq: 26 Apr 2017 4:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	221260		
171	34.2	29.6	44.4	
170	23.3	19.8	29.8	





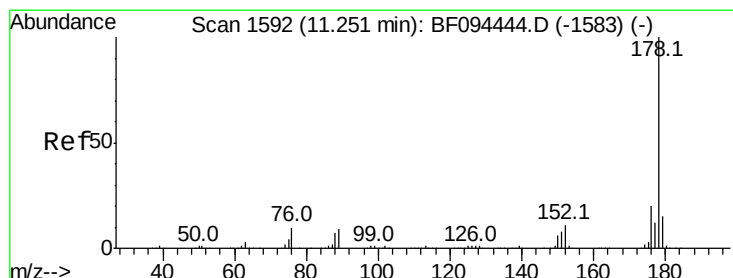
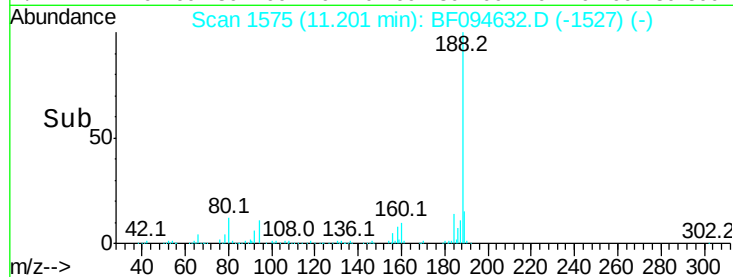
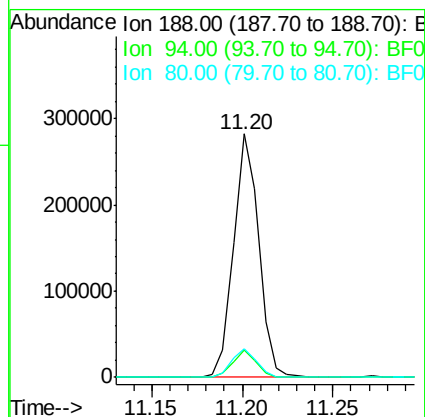
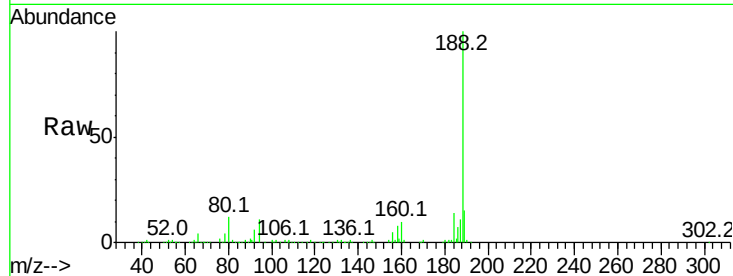
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094632.D
Acq: 26 Apr 2017 4:39

Instrument :
BNA_F
ClientSampleId :
E2-W9-SSW

Tot Ion	Ratio	Resp	Lower	Upper
188	100	273507		
94	11.0		9.4	14.2
80	11.5		10.2	15.2

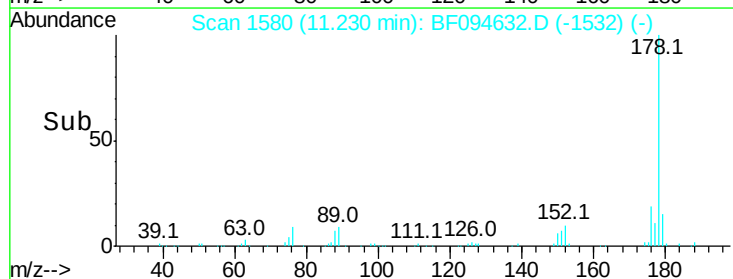
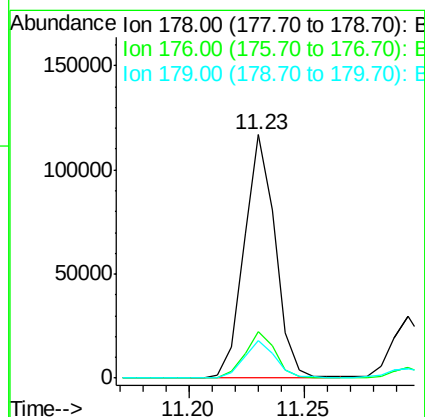
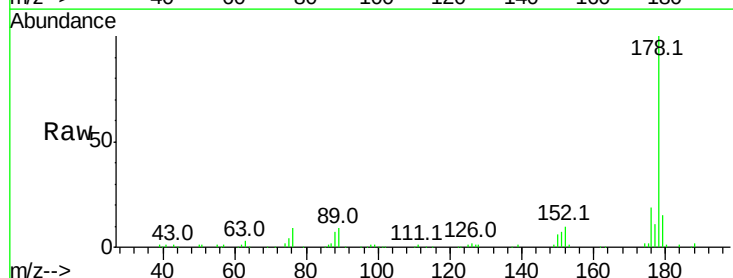
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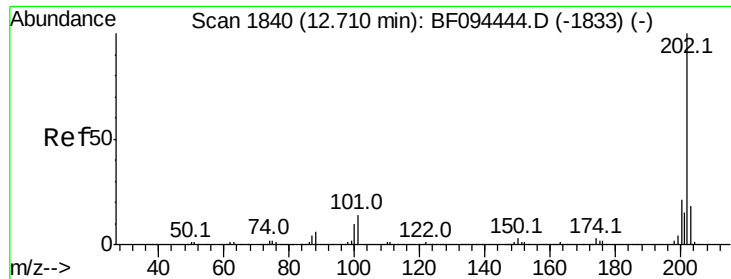
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#70
Phenanthrene
Concen: 7.14 ng
RT: 11.23 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF094632.D
Acq: 26 Apr 2017 4:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	110043		
176	19.0		16.2	24.4
179	15.3		12.6	19.0





#74

Fluoranthene

Concen: 7.16 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF094632.D

Acq: 26 Apr 2017 4:39

Instrument :

BNA_F

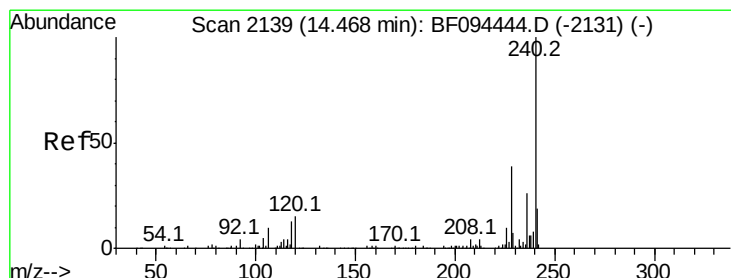
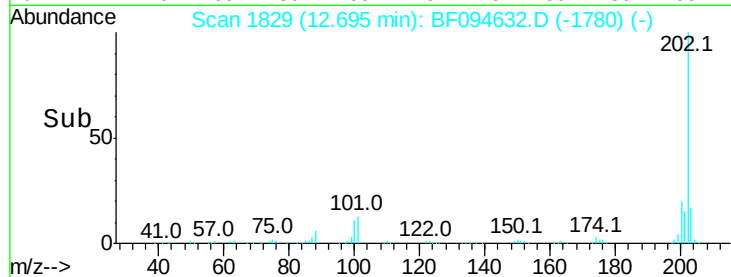
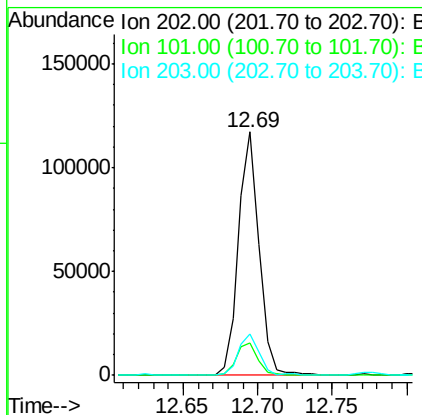
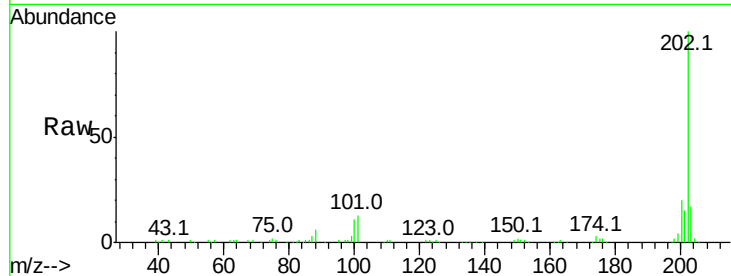
ClientSampleId :

E2-W9-SSW

Tot Ion	Ratio	Resp	Lower	Upper
202	100	114278		
101	13.5	0.0	33.2	
203	17.2	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

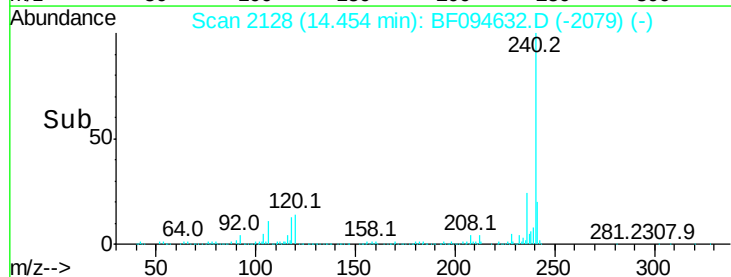
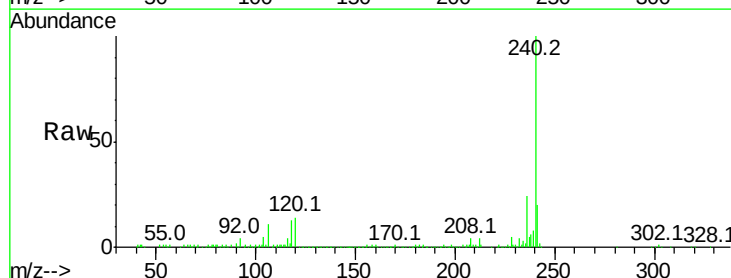
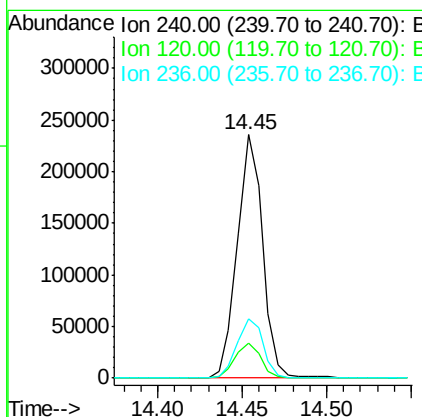
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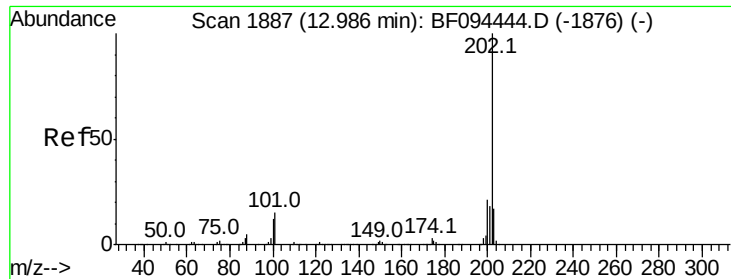
Delta R.T. -0.01 min

Lab File: BF094632.D

Acq: 26 Apr 2017 4:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	247491		
120	14.3	5.8	8.8#	
236	24.3	20.5	30.7	





#77

Pvrene

Concen: 6.27 ng

RT: 12.97 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BF094632.D

Acq: 26 Apr 2017 4:39

Instrument :

BNA_F

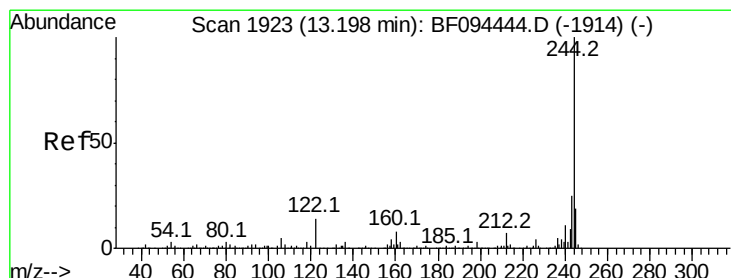
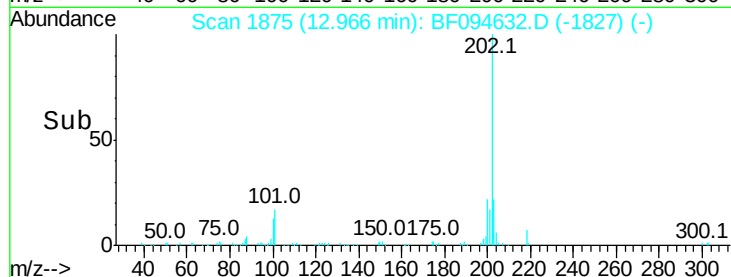
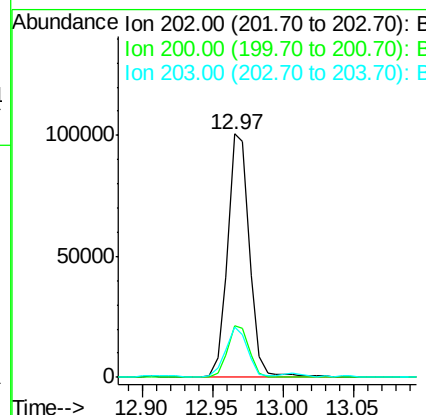
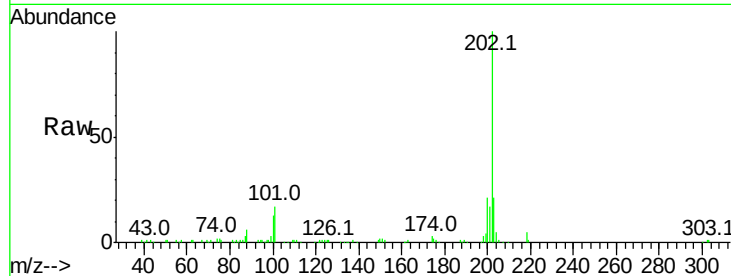
ClientSampleId :

E2-W9-SSW

Tot Ion:	202	Resp:	108353
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.6	26.4
203	20.6	14.4	21.6

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#78

Terphenyl-d14

Concen: 12.48 ng

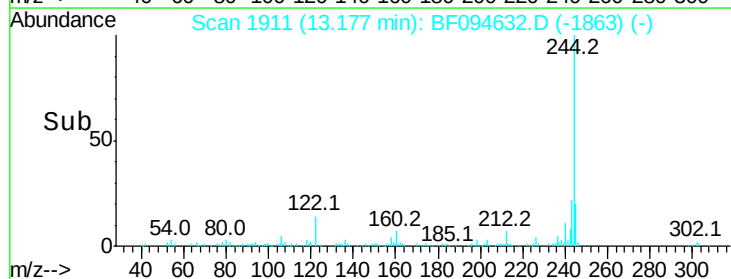
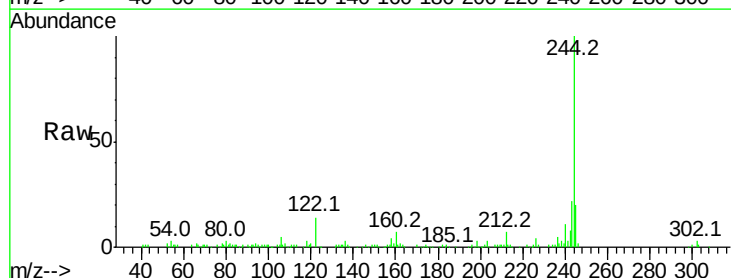
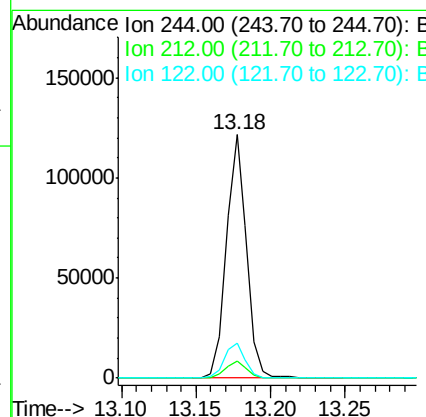
RT: 13.18 min Scan# 1911

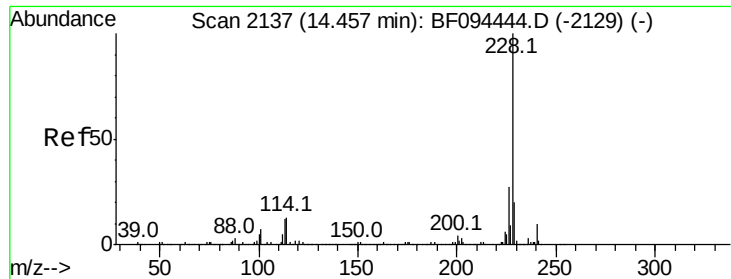
Delta R.T. -0.02 min

Lab File: BF094632.D

Acq: 26 Apr 2017 4:39

Tgt Ion:	244	Resp:	115514
Ion Ratio		Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.3	10.3	15.5





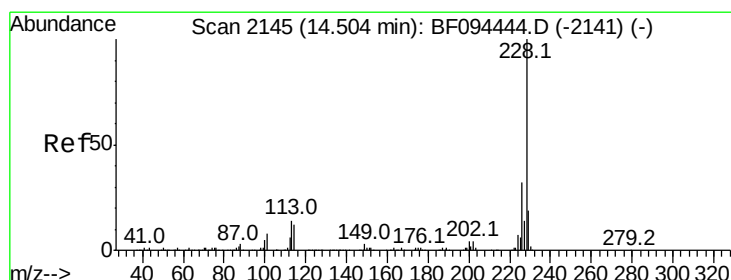
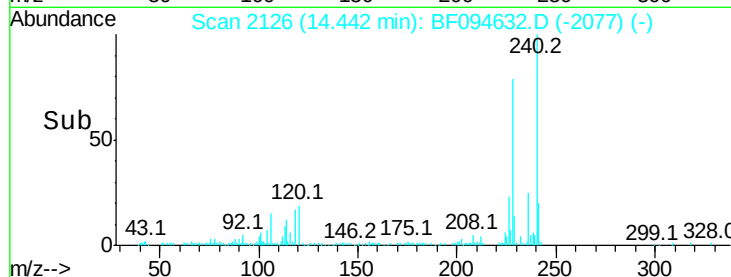
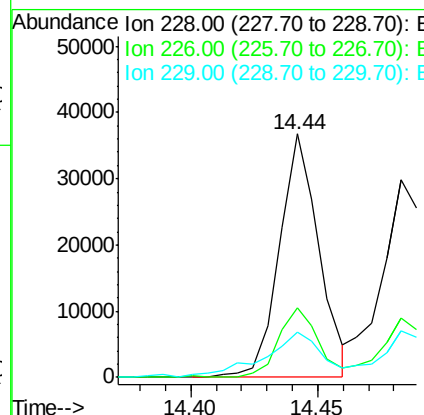
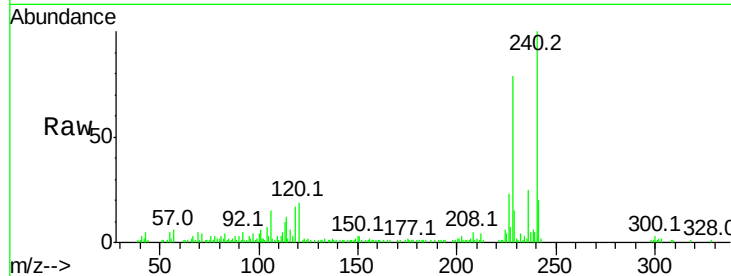
#80
Benzo(a)anthracene
Concen: 2.79 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094632.D
Acq: 26 Apr 2017 4:39

Instrument :
BNA_F
ClientSampleId :
E2-W9-SSW

Tot Ion	Ratio	Resp	Lower	Upper
228	100	40144		
226	28.7		22.6	33.8
229	18.8		16.3	24.5

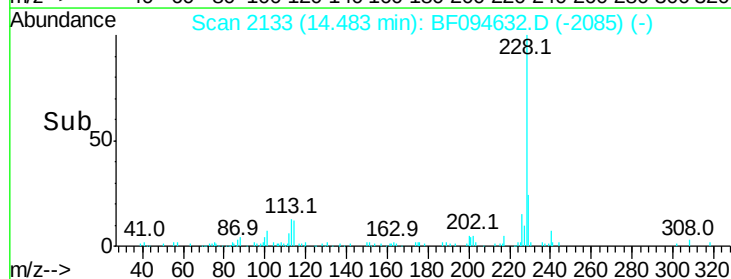
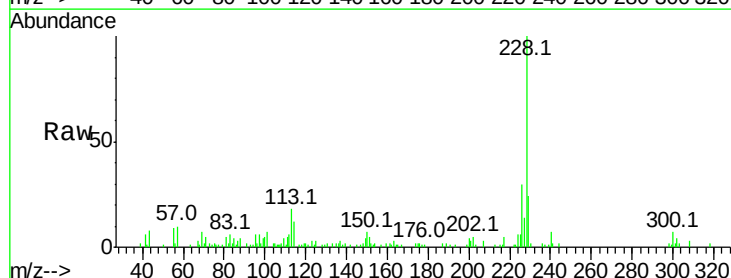
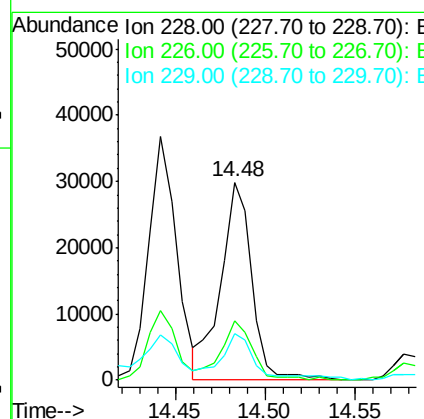
Manual Integrations
APPROVED

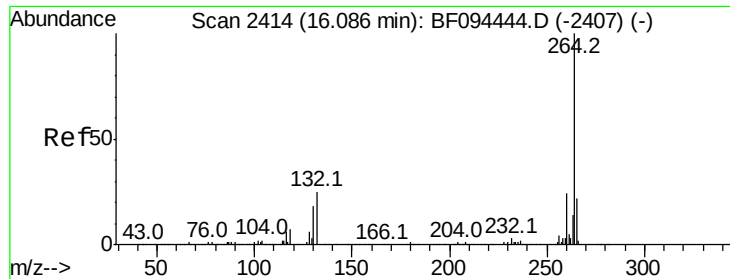
mohammad
4/26/2017 2:22:40 PM



#82
Chrysene
Concen: 2.75 ng m
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094632.D
Acq: 26 Apr 2017 4:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	36195		
226	30.1		24.9	37.3
229	23.8		15.8	23.6#





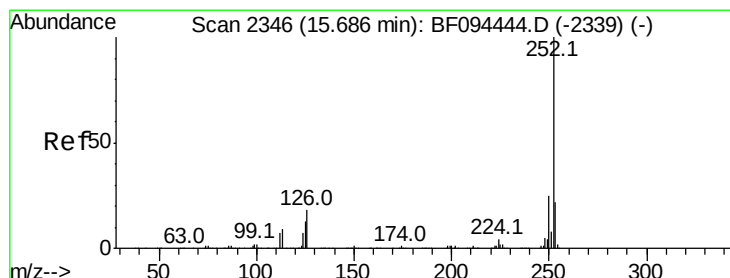
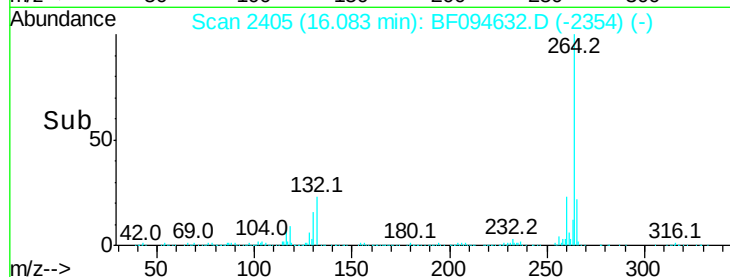
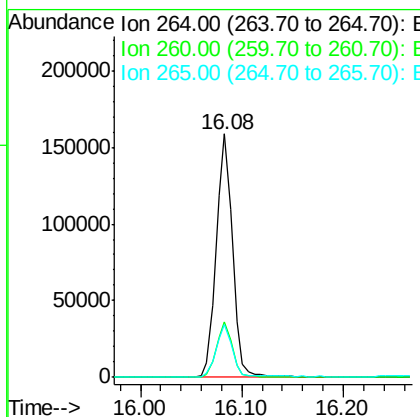
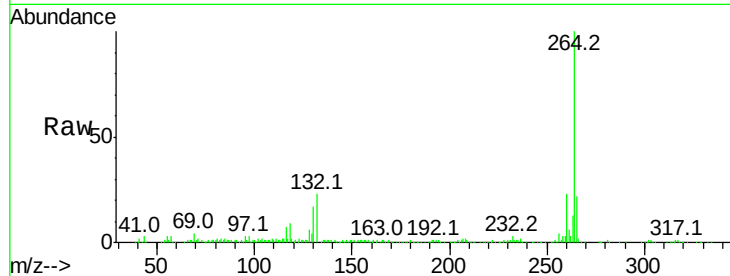
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094632.D
Acq: 26 Apr 2017 4:39

Instrument :
BNA_F
ClientSampleId :
E2-W9-SSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.8	17.2	25.8

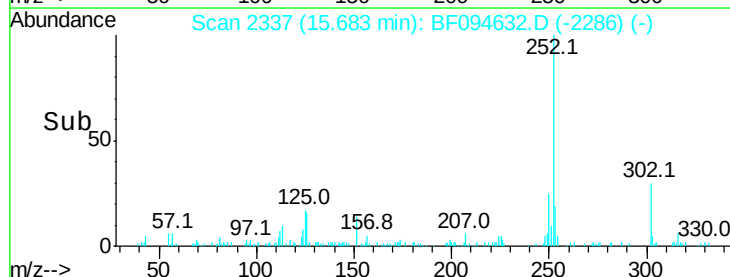
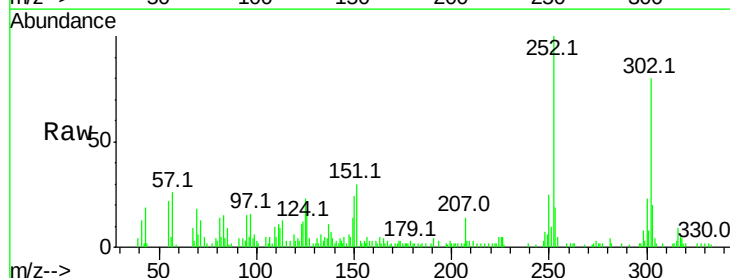
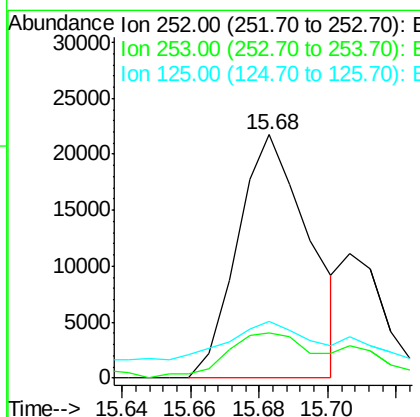
Manual Integrations
APPROVED

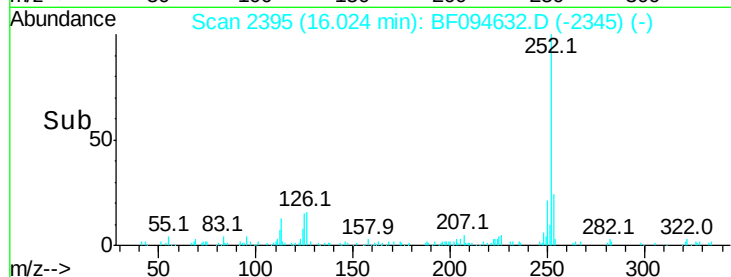
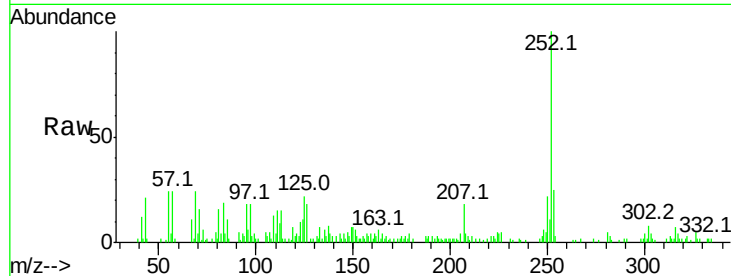
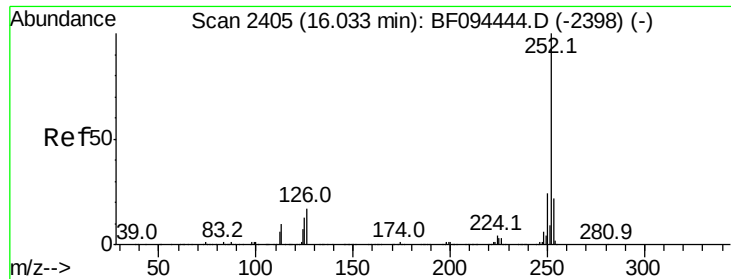
mohammad
4/26/2017 2:22:40 PM



#87
Benzo(b)fluoranthene
Concen: 2.89 ng m
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094632.D
Acq: 26 Apr 2017 4:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.6	18.1	27.1
125	23.1	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.36 ng

RT: 16.02 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BF094632.D

Acq: 26 Apr 2017 4:39

Instrument :

BNA_F

ClientSampleId :

E2-W9-SSW

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.1	17.5	26.3
125	21.6	11.0	16.4

Manual Integrations
APPROVED

mohammad
4/26/2017 2:22:40 PM

