

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094636.D
 Acq On : 26 Apr 2017 6:25
 Operator : SJ/MA
 Sample : I2813-01 10X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-X10-BASE-02

Manual Integrations
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 4/26/2017 2:22:47 PM

Quant Time: Apr 26 07:53:17 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	109239	20.00	ng	-0.01
21) Naphthalene-d8	7.25	136	431237	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	174681	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	267731	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	247659	20.00	ng	-0.01
86) Perylene-d12	16.08	264	174517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	90022	13.67	ng	0.00
7) Phenol-d6	5.37	99	113273	14.59	ng	-0.02
23) Nitrobenzene-d5	6.40	82	65487	9.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	14356	10.51	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	129326	10.89	ng	-0.02
78) Terphenyl-d14	13.18	244	84193	9.09	ng	-0.02
Target Compounds						Qvalue
70) Phenanthrene	11.23	178	38174	2.53	ng	99
74) Fluoranthene	12.70	202	85584	5.48	ng	99
77) Pyrene	12.97	202	80841	4.67	ng	96
80) Benzo(a)anthracene	14.44	228	43302m	3.01	ng	
82) Chrysene	14.48	228	44314	3.37	ng	95
87) Benzo(b)fluoranthene	15.68	252	52789m	4.94	ng	
89) Benzo(a)pyrene	16.02	252	28690m	2.89	ng	

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

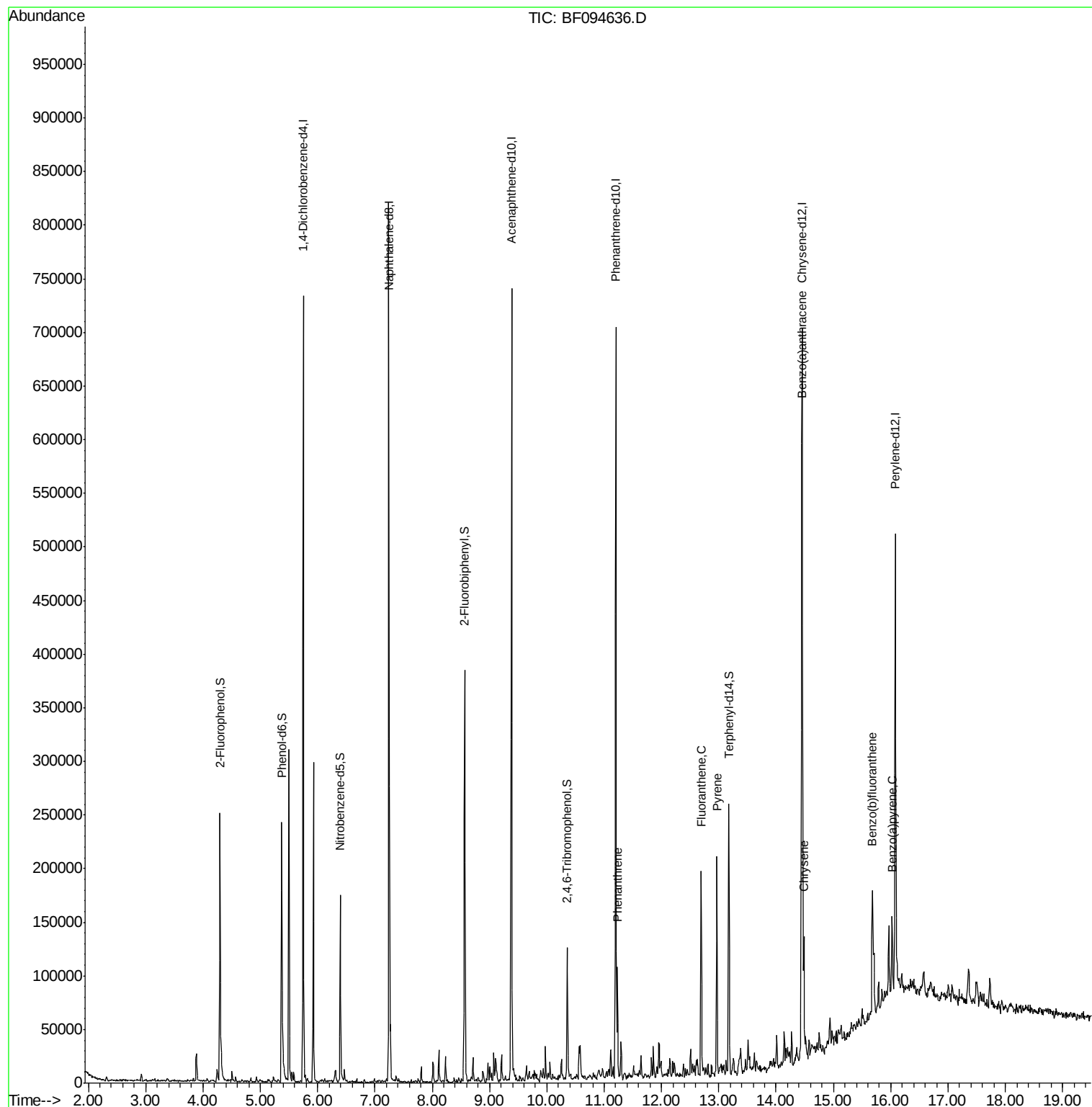
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094636.D
Acq On : 26 Apr 2017 6:25
Operator : SJ/MA
Sample : I2813-01 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

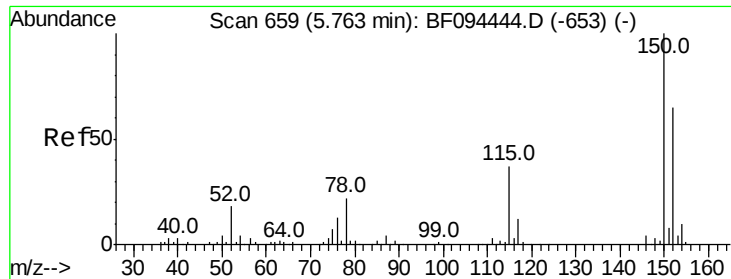
Instrument :
BNA_F
ClientSampleId :
E2-X10-BASE-02

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Quant Time: Apr 26 07:53:17 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

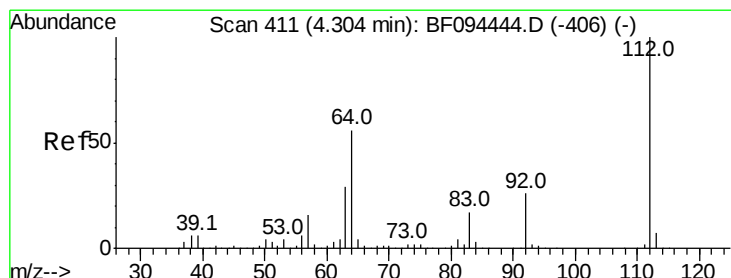
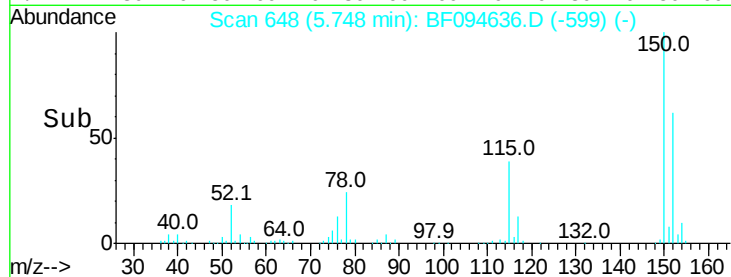
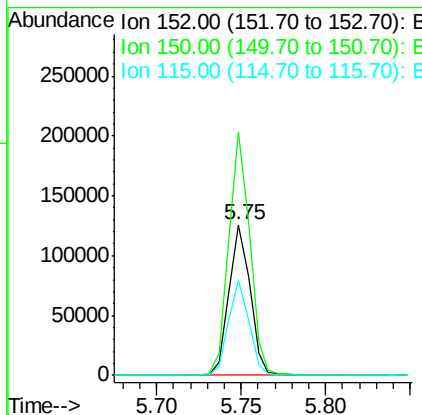
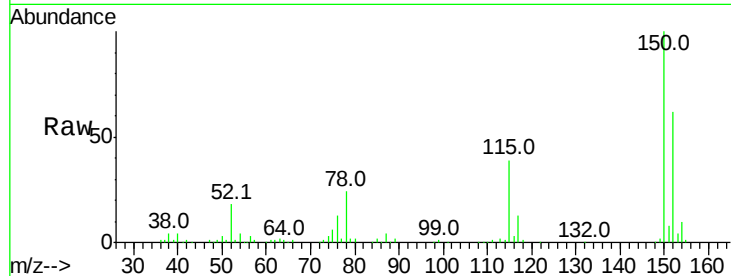
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :
E2-X10-BASE-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.2	189.2
115	63.2	52.2	78.2

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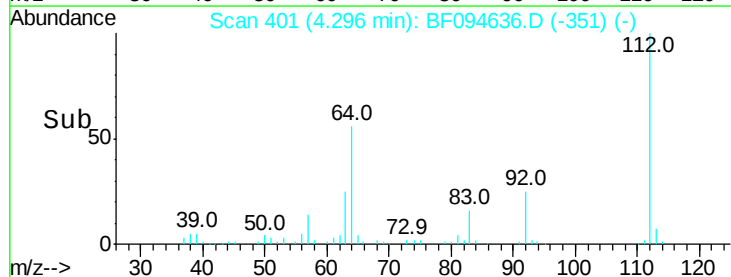
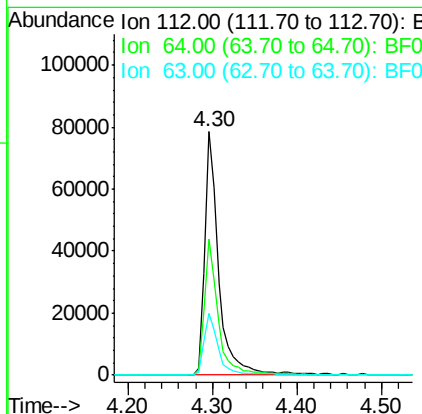
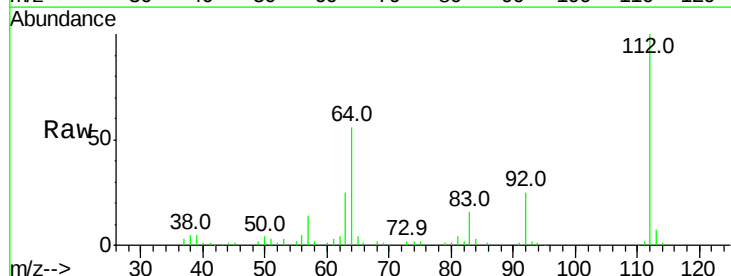
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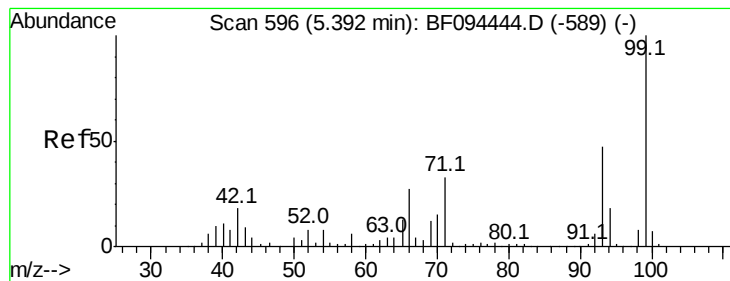


#5

2-Fluorophenol
Concen: 13.67 ng
RT: 4.30 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.0	69.0
63	25.4	23.4	35.0





#7

Phenol-d6

Concen: 14.59 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094636.D

Acq: 26 Apr 2017 6:25

Instrument :

BNA_F

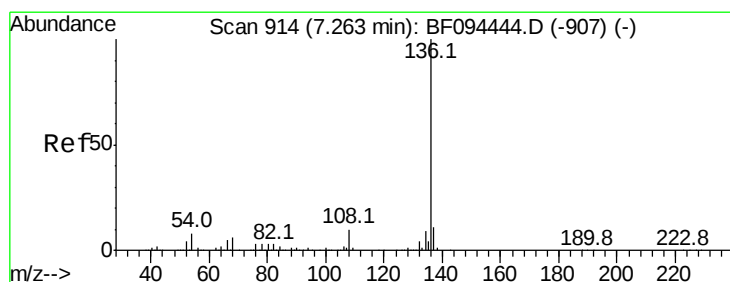
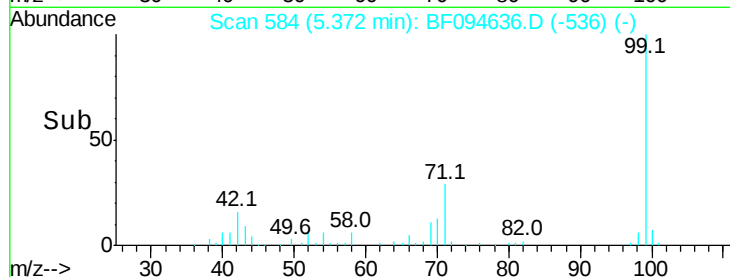
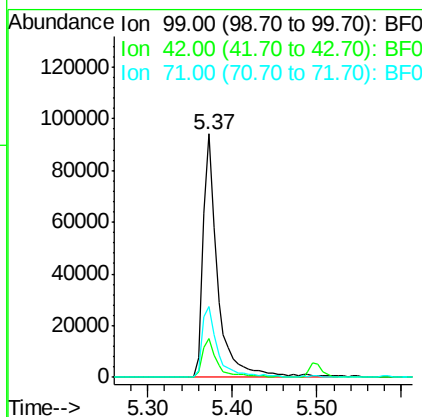
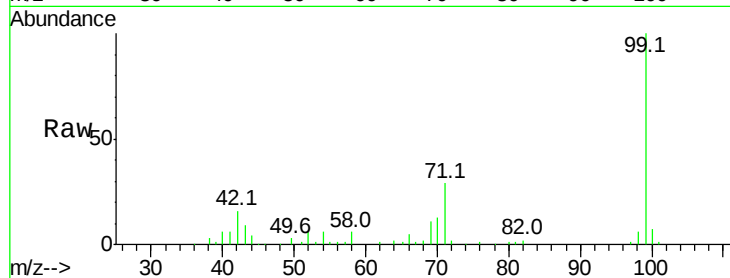
ClientSampleId :

E2-X10-BASE-02

Tot Ion:	99	Resp:	113273
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	29.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

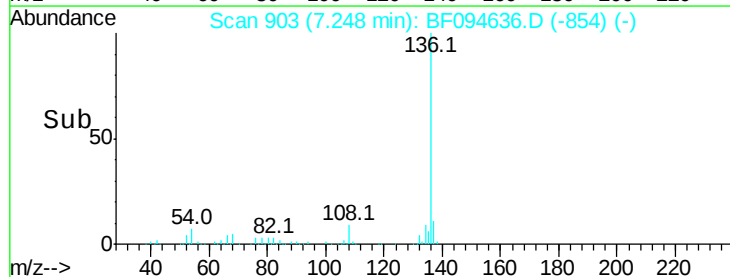
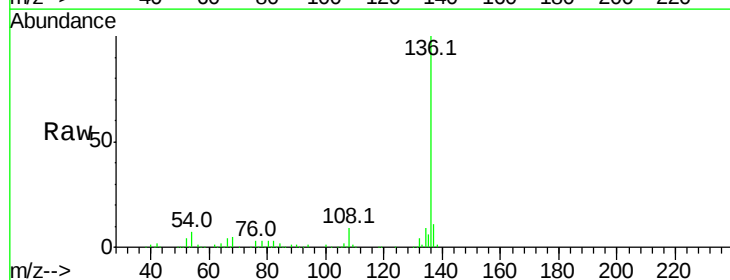
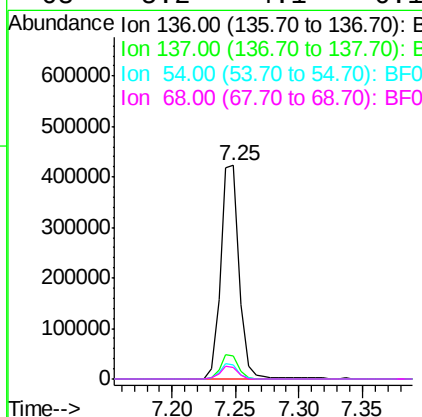
RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094636.D

Acq: 26 Apr 2017 6:25

Tgt Ion:	136	Resp:	431237
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	6.7	4.9	7.3
68	5.2	4.1	6.1





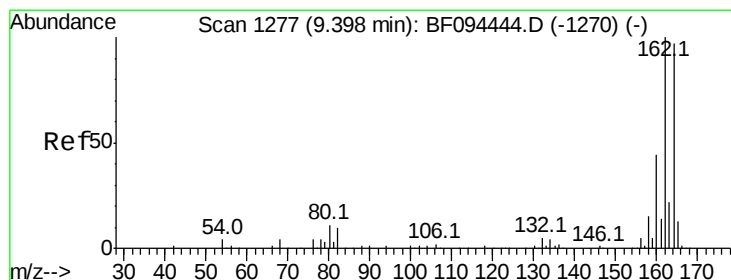
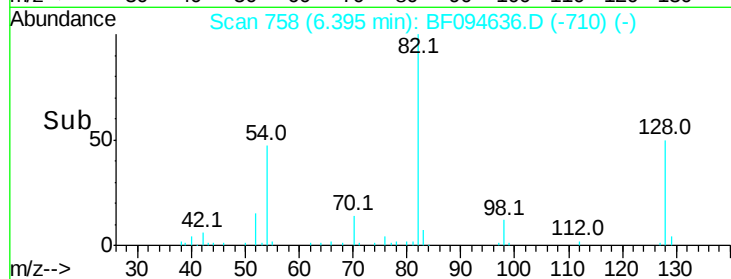
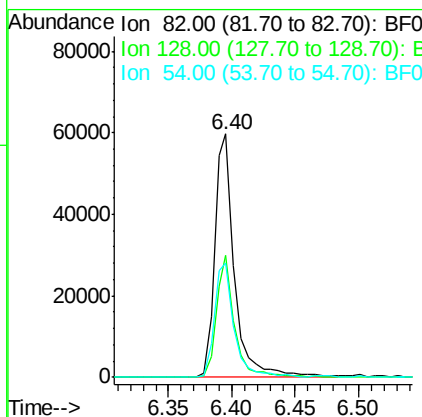
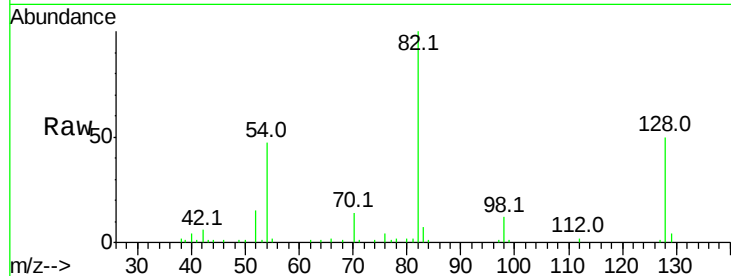
#23
 Nitrobenzene-d5
 Concen: 9.38 ng
 RT: 6.40 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: BF094636.D
 Acq: 26 Apr 2017 6:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-X10-BASE-02

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.1	34.0	51.0
54	46.9	42.2	63.2

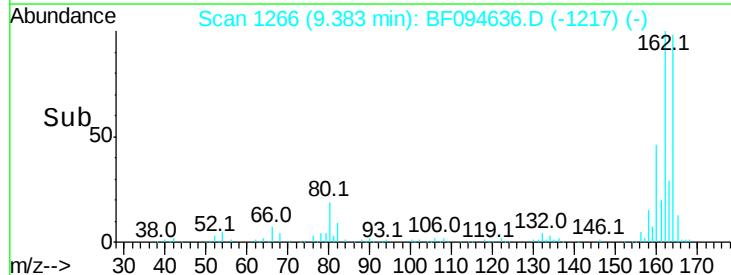
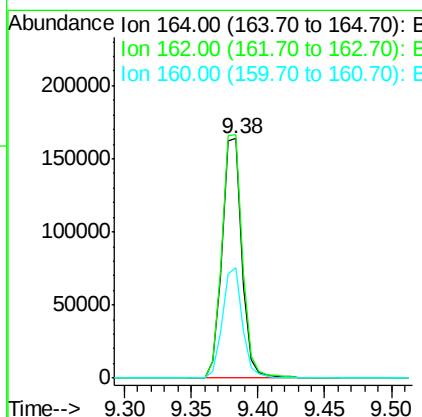
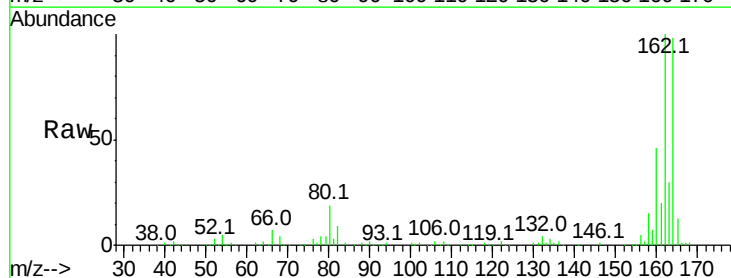
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094636.D
 Acq: 26 Apr 2017 6:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	46.3	36.2	54.2





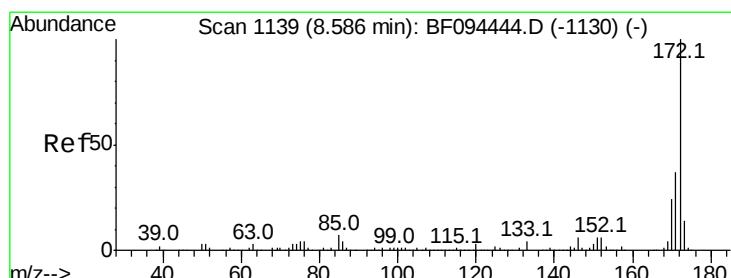
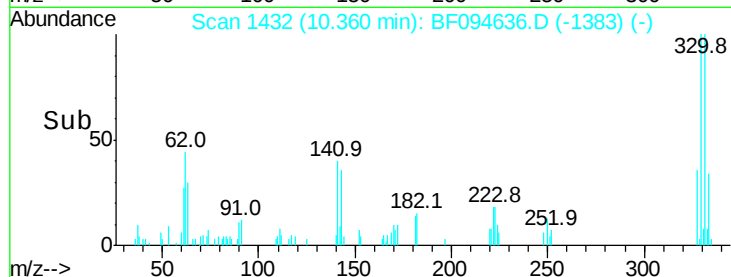
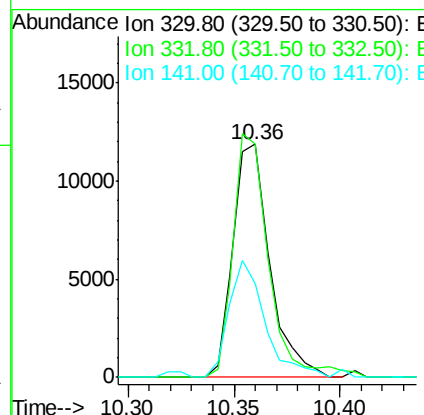
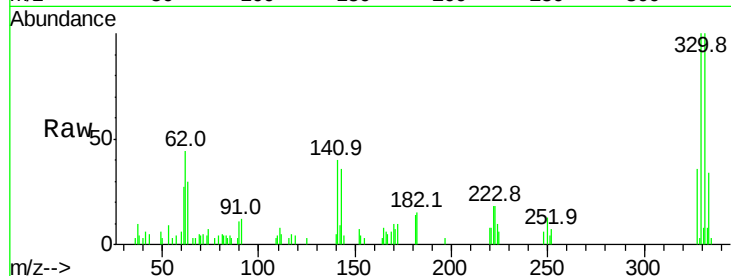
#41
 2,4,6-Tribromophenol
 Concen: 10.51 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094636.D
 Acq: 26 Apr 2017 6:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-X10-BASE-02

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.5	76.6	115.0	
141	48.8	31.4	47.2	

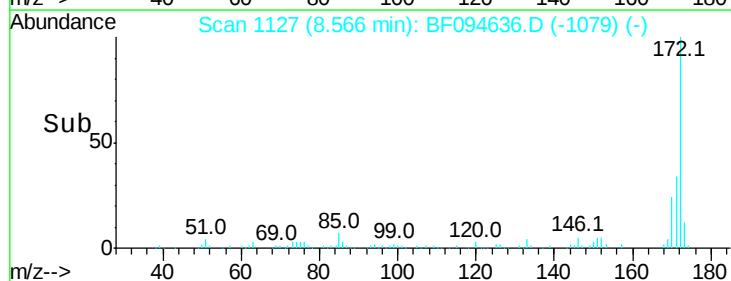
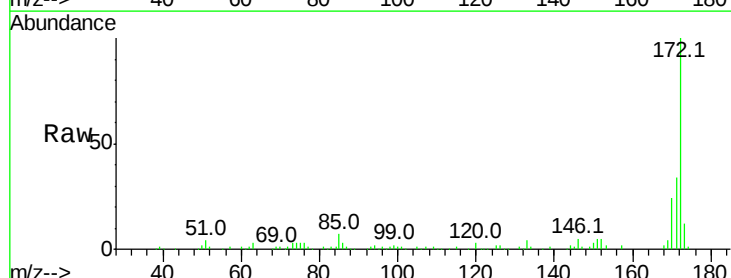
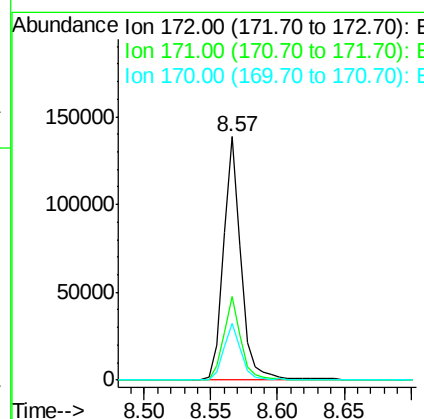
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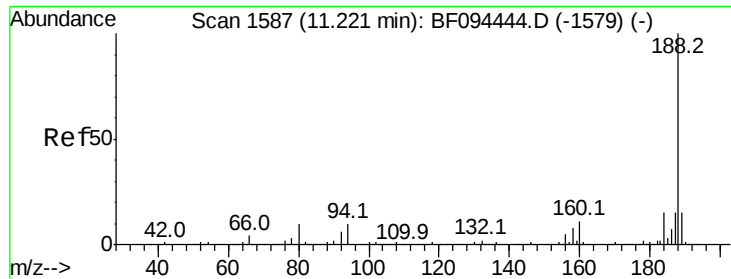
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#44
 2-Fluorobiphenyl
 Concen: 10.89 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094636.D
 Acq: 26 Apr 2017 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.1	29.6	44.4	
170	23.5	19.8	29.8	





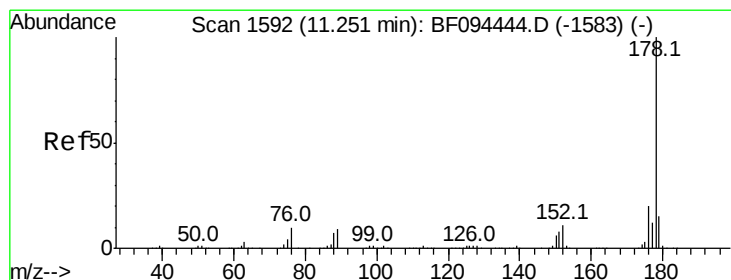
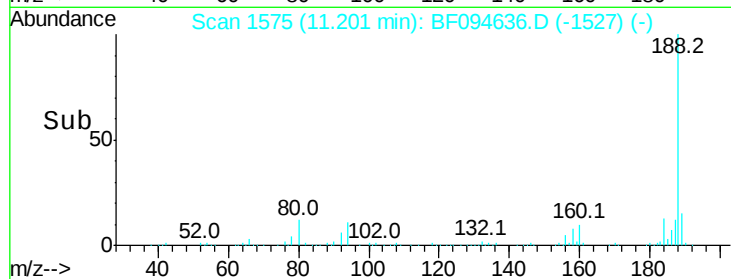
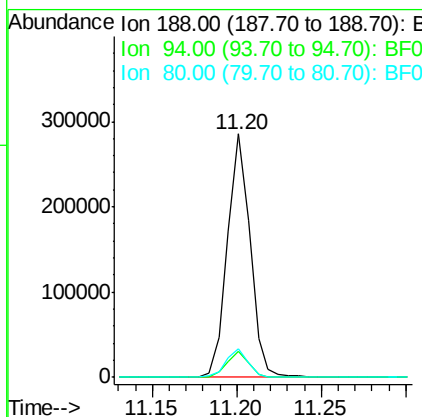
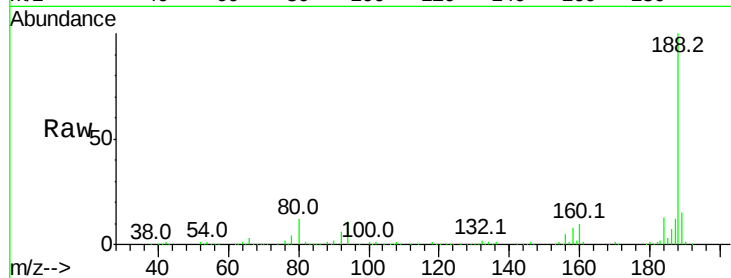
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :
E2-X10-BASE-02

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.6	10.2	15.2

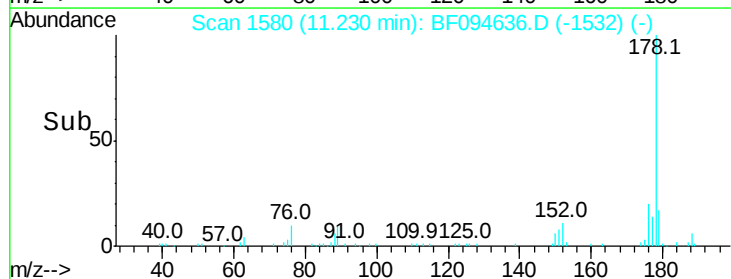
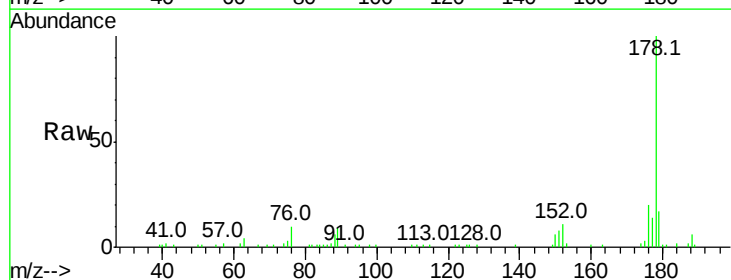
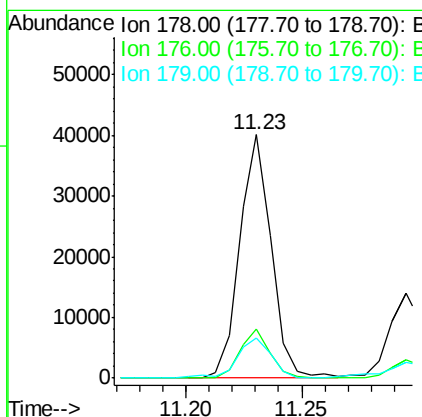
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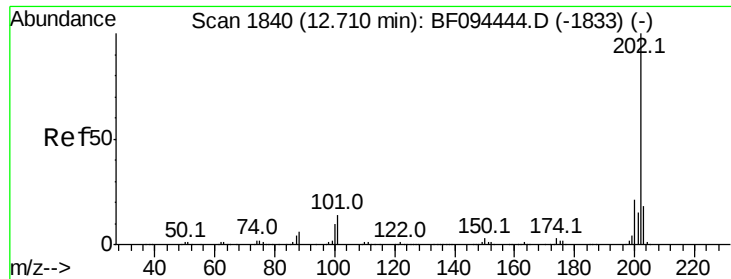
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#70
Phenanthrene
Concen: 2.53 ng
RT: 11.23 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.7	12.6	19.0





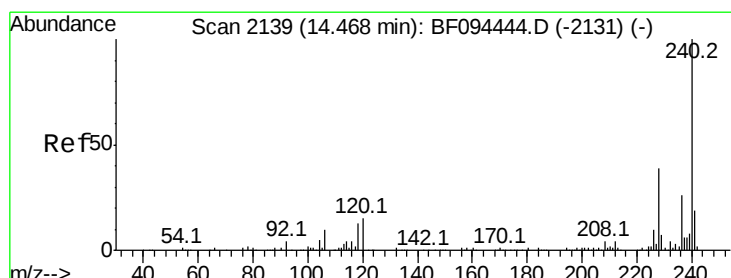
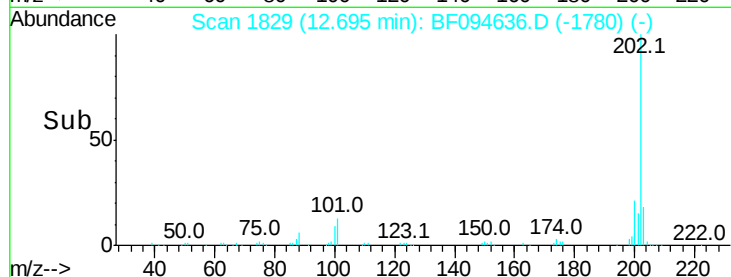
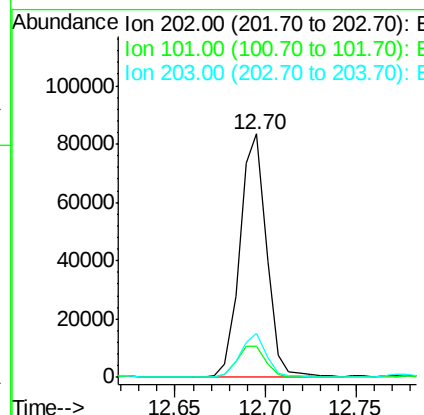
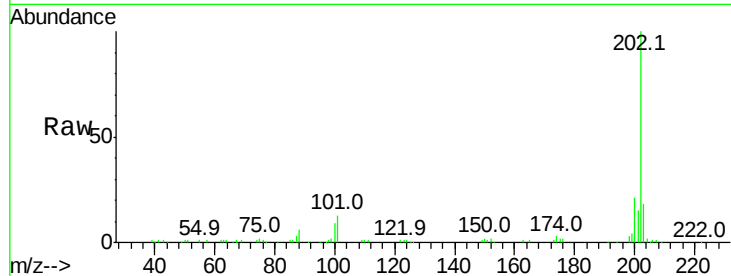
#74
Fluoranthene
Concen: 5.48 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :
E2-X10-BASE-02

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	33.2
203	18.2	0.0	38.1

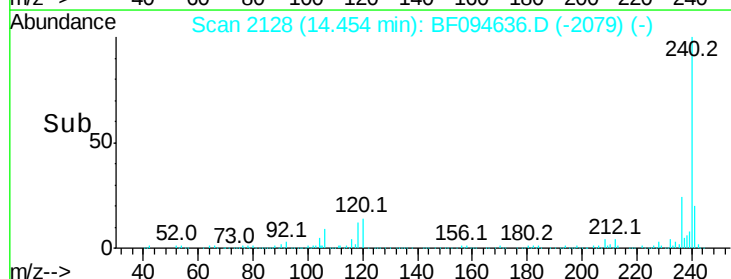
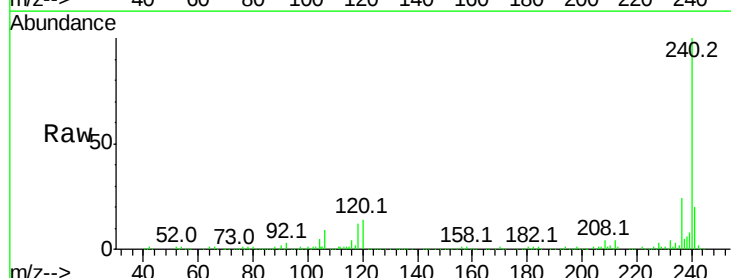
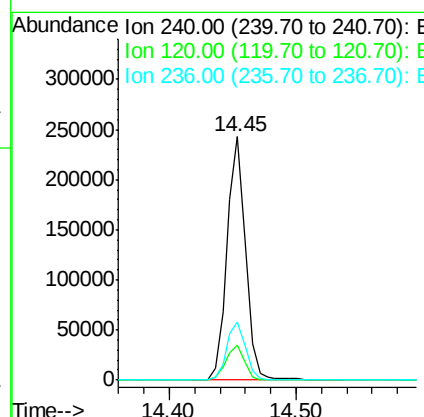
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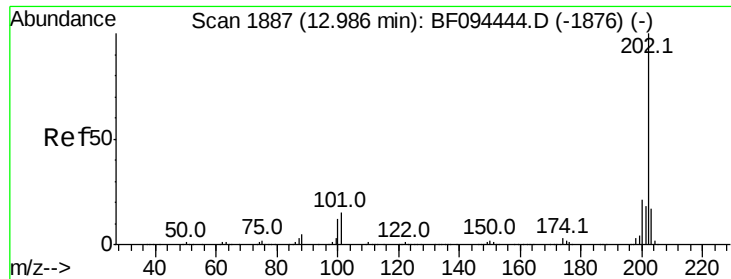
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	24.0	20.5	30.7





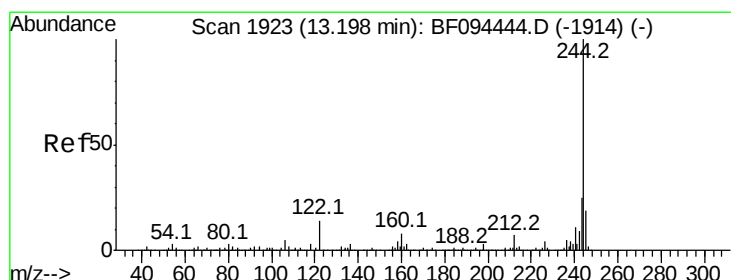
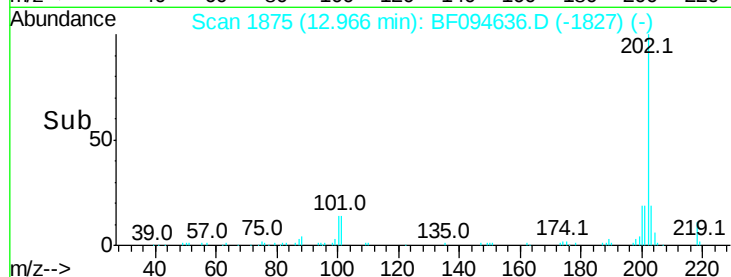
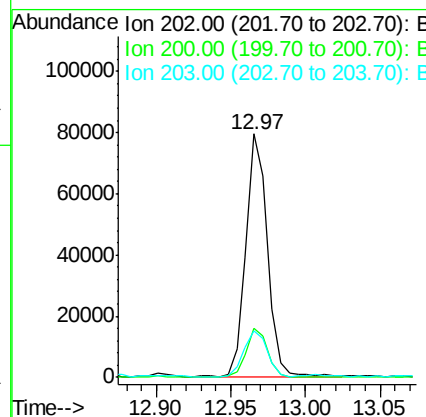
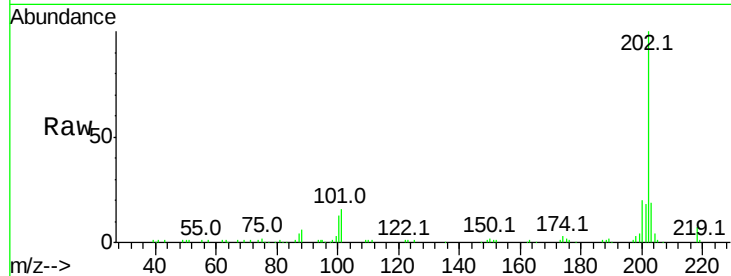
#77
Pvrene
Concen: 4.67 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :
E2-X10-BASE-02

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	19.3	14.4	21.6

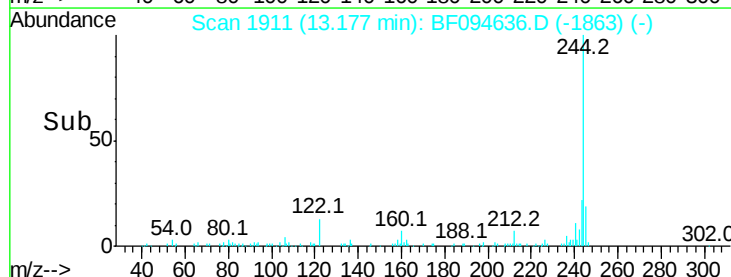
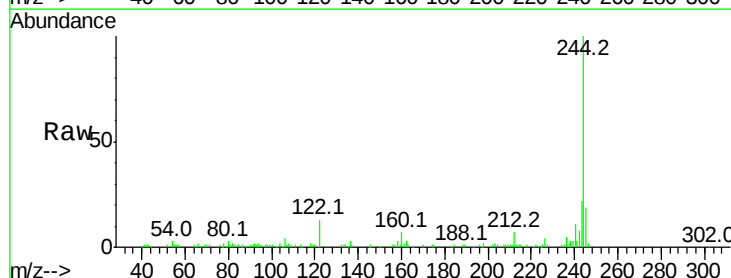
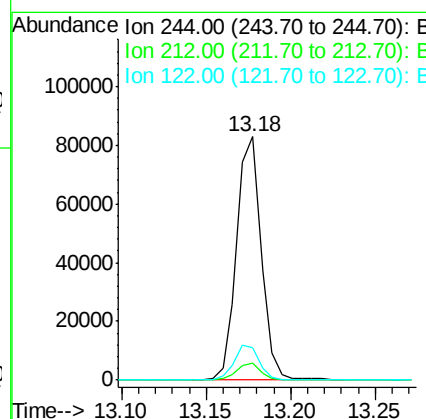
Manual Integrations
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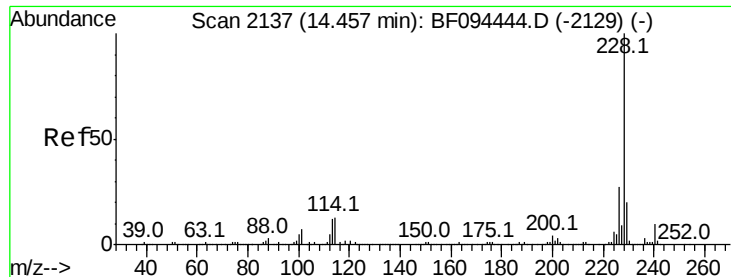
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#78
Terphenyl-d14
Concen: 9.09 ng
RT: 13.18 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.1	10.3	15.5





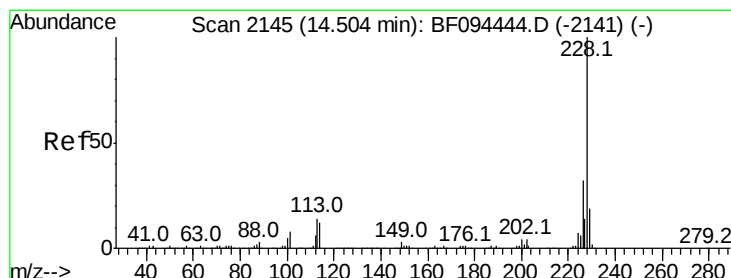
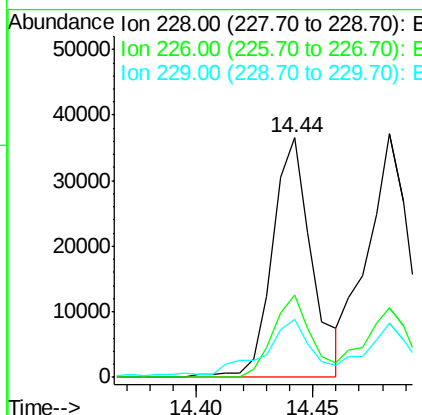
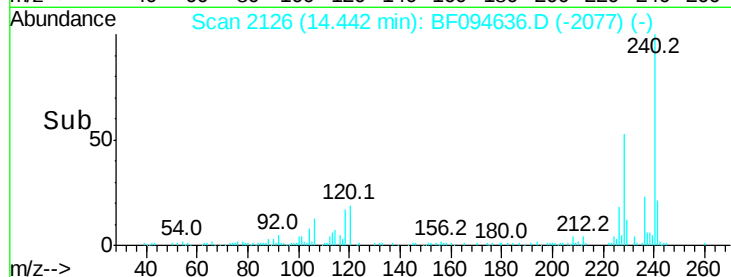
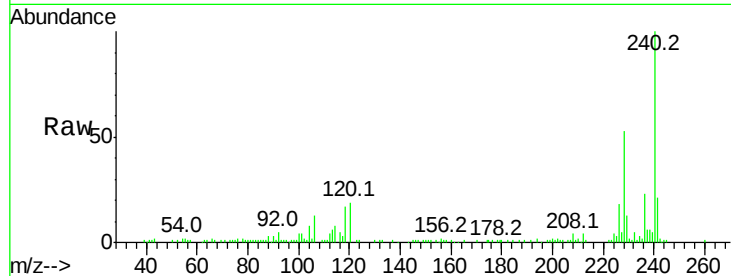
#80
Benzo(a)anthracene
Concen: 3.01 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :
E2-X10-BASE-02

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.7	22.6	33.8
229	24.5	16.3	24.5

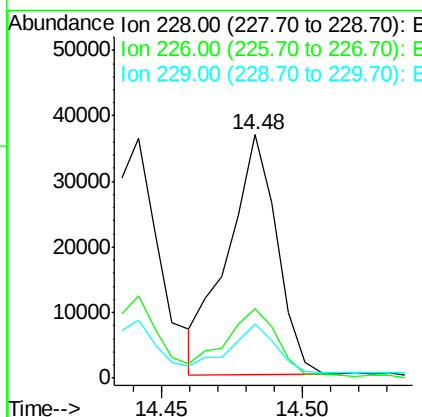
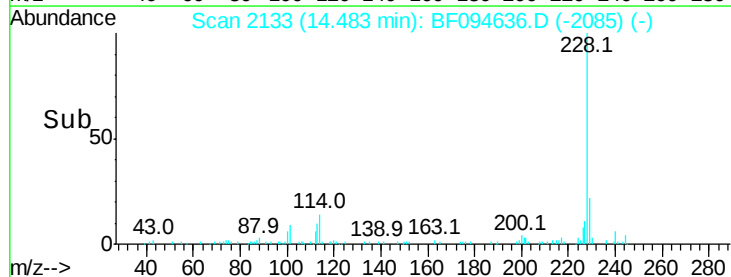
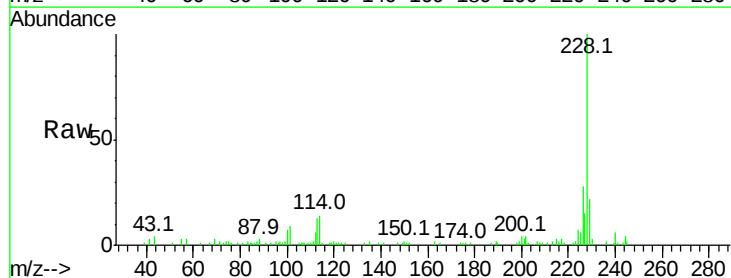
Manual Integrations
APPROVED

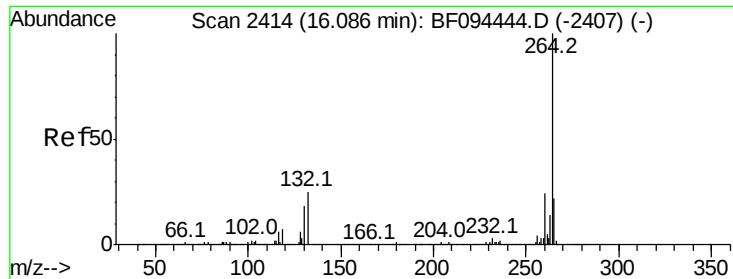
mohammad
4/26/2017 2:22:47 PM



#82
Chrysene
Concen: 3.37 ng
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.9	37.3
229	22.3	15.8	23.6





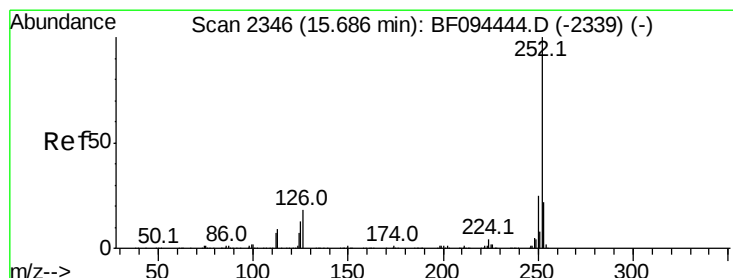
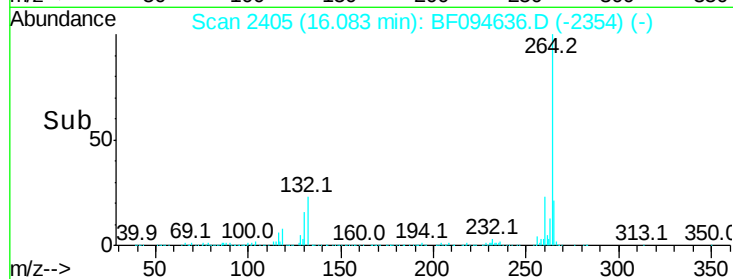
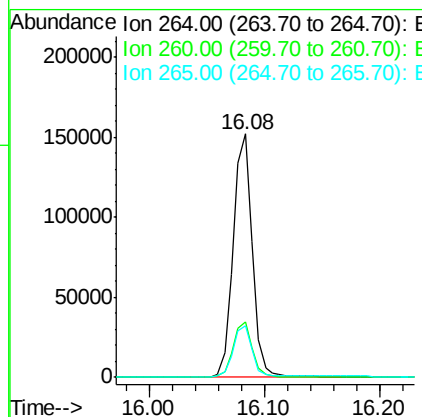
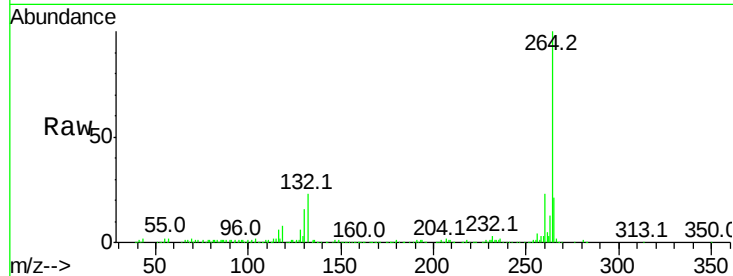
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :
E2-X10-BASE-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.3	17.2	25.8

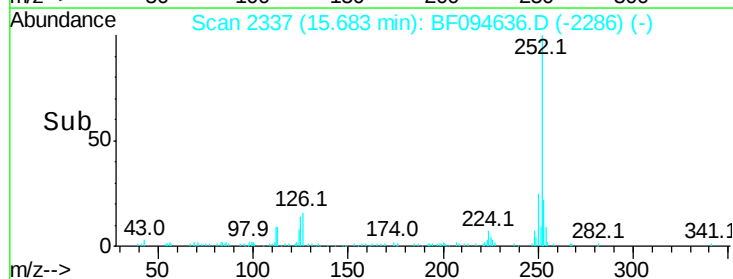
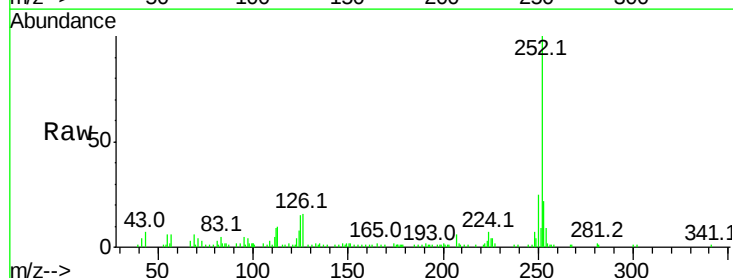
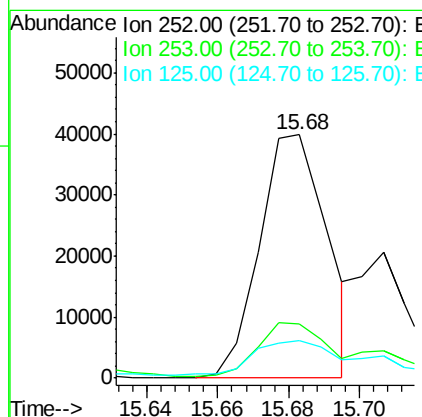
Manual Integrations
APPROVED

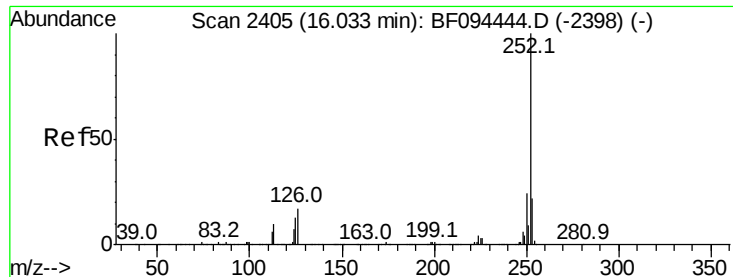
mohammad
4/26/2017 2:22:47 PM



#87
Benzo(b)fluoranthene
Concen: 4.94 ng m
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094636.D
Acq: 26 Apr 2017 6:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	15.2	9.8	14.8





#89

Benzo(a)pyrene

Concen: 2.89 ng/ml

RT: 16.02 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BF094636.D

Acq: 26 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

E2-X10-BASE-02

Tot Ion:	252	Resp:	28690
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	15.9	11.0	16.4

Manual Integrations
APPROVED

mohammad
4/26/2017 2:22:47 PM

