

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094505.D
 Acq On : 18 Apr 2017 23:55
 Operator : SJ/MA
 Sample : I2708-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y8-ESW

Manual Integrations
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Quant Time: Apr 19 04:06:47 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	5.77	152	122591	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	446012	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	181466	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	291424	20.00	ng	0.00
75) Chrysene-d12	14.47	240	277997	20.00	ng	0.00
86) Perylene-d12	16.09	264	201359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	719258	97.34	ng	0.02
7) Phenol-d6	5.40	99	920733	105.70	ng	0.00
23) Nitrobenzene-d5	6.42	82	603585	83.56	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	135170	95.23	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	946489	76.74	ng	0.00
78) Terphenyl-d14	13.20	244	633895	60.95	ng	0.00
Target Compounds						Qvalue
10) Phenol	5.41	94	21657	2.02	ng	97
49) Dimethylphthalate	9.09	163	250591	18.53	ng	99
74) Fluoranthene	12.71	202	39767	2.34	ng	99
77) Pyrene	12.98	202	41340	2.13	ng	97
80) Benzo(a)anthracene	14.45	228	34389	2.13	ng	98
82) Chrysene	14.50	228	35737m	2.42	ng	
87) Benzo(b)fluoranthene	15.69	252	54638m	4.44	ng	
89) Benzo(a)pyrene	16.04	252	39544	3.45	ng	# 92
91) Benzo(g,h,i)perylene	17.74	276	31013	3.20	ng	96

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

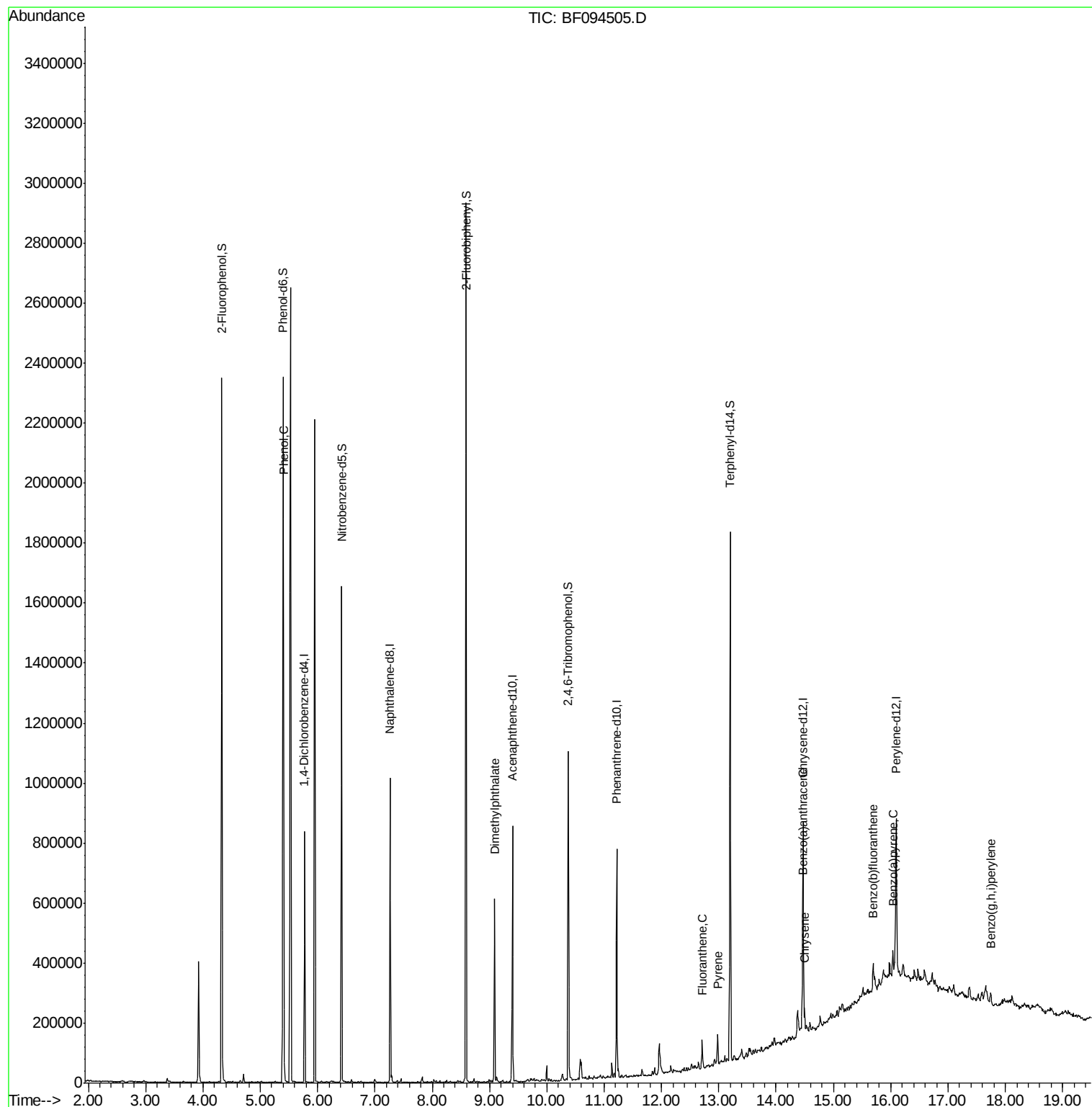
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
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ALS Vial : 17 Sample Multiplier: 1

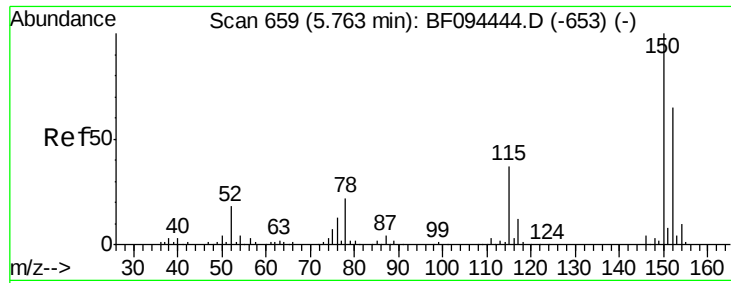
Instrument :
BNA_F
ClientSampleId :
E2-Y8-ESW

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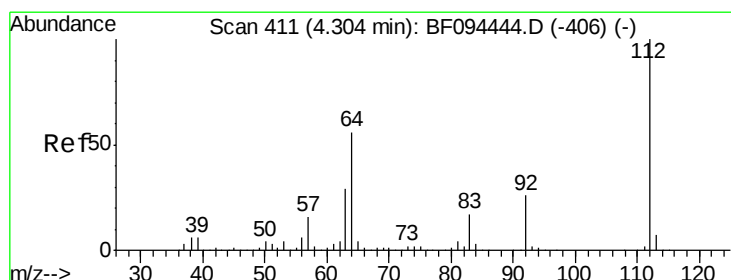
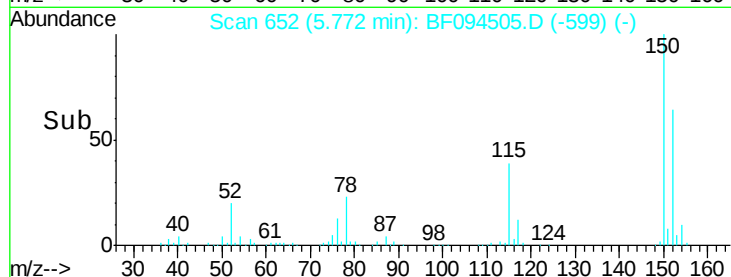
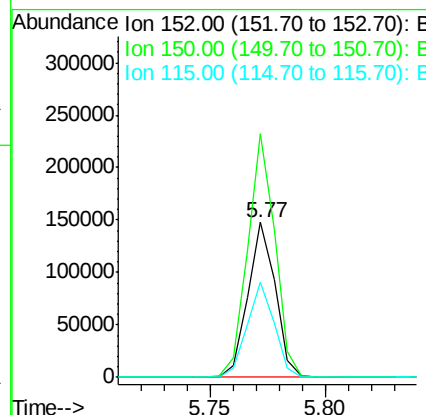
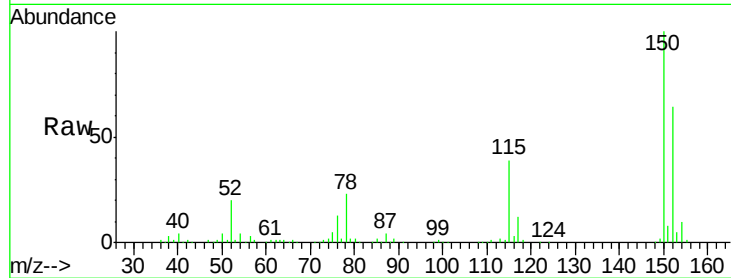
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BF094505.D
 Acq: 18 Apr 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y8-ESW

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	61.7	52.2	78.2

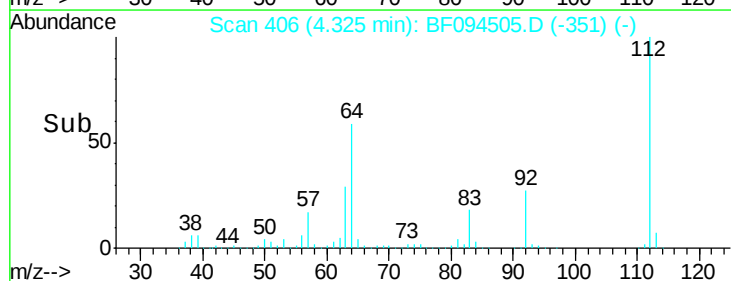
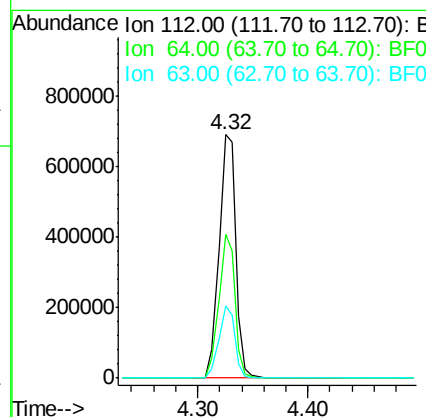
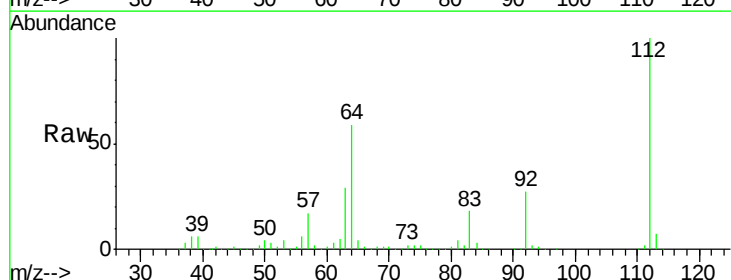
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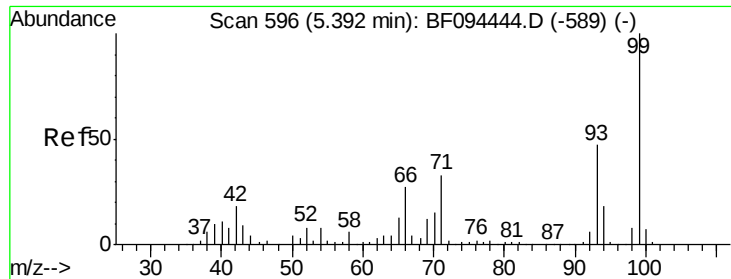
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#5
 2-Fluorophenol
 Concen: 97.34 ng
 RT: 4.32 min Scan# 406
 Delta R.T. 0.02 min
 Lab File: BF094505.D
 Acq: 18 Apr 2017 23:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.0	69.0
63	29.5	23.4	35.0





#7

Phenol-d6

Concen: 105.70 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094505.D

Acq: 18 Apr 2017 23:55

Instrument :

BNA_F

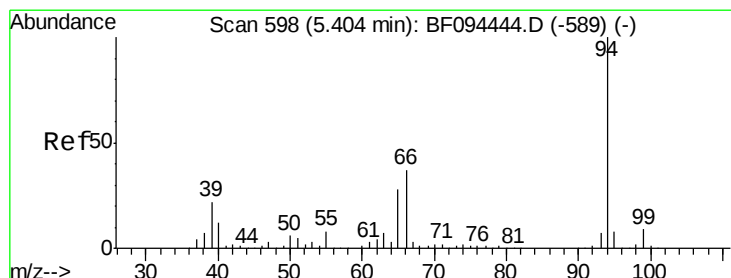
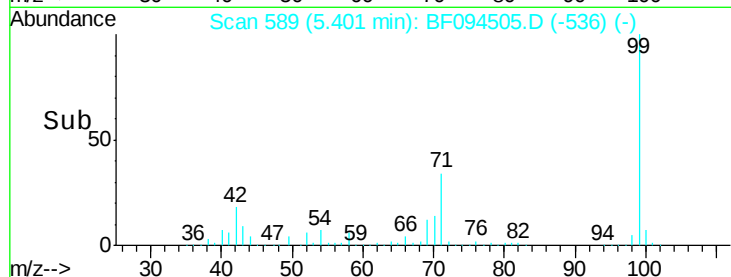
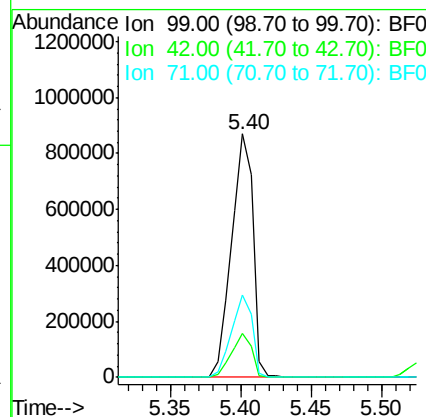
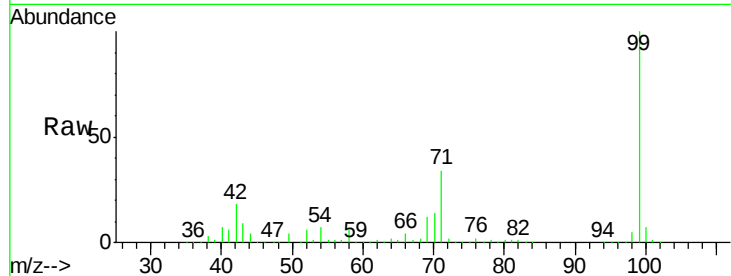
ClientSampleId :

E2-Y8-ESW

Tot Ion:	99	Resp:	920733
Ion Ratio	Lower	Upper	
99	100		
42	17.9	13.5	20.3
71	33.6	24.5	36.7

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#10

Phenol

Concen: 2.02 ng

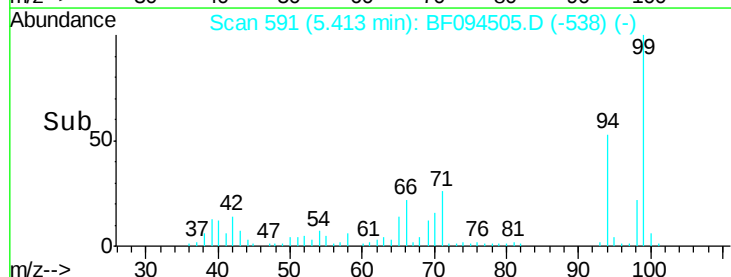
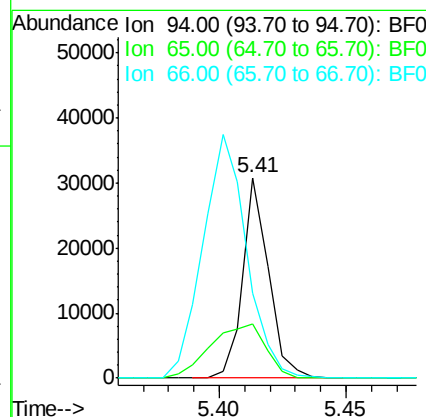
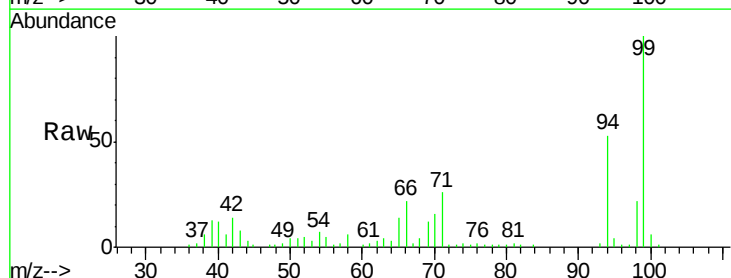
RT: 5.41 min Scan# 591

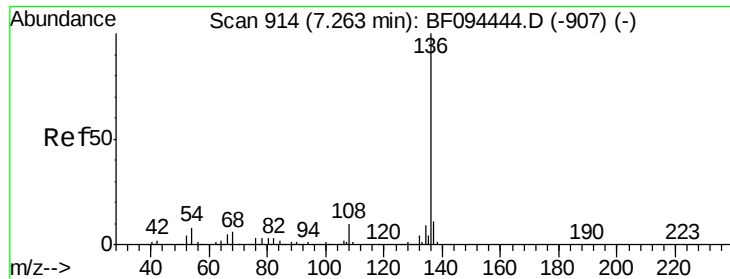
Delta R.T. 0.01 min

Lab File: BF094505.D

Acq: 18 Apr 2017 23:55

Tgt Ion:	94	Resp:	21657
Ion Ratio	Lower	Upper	
94	100		
65	26.8	9.9	49.9
66	42.3	23.1	63.1





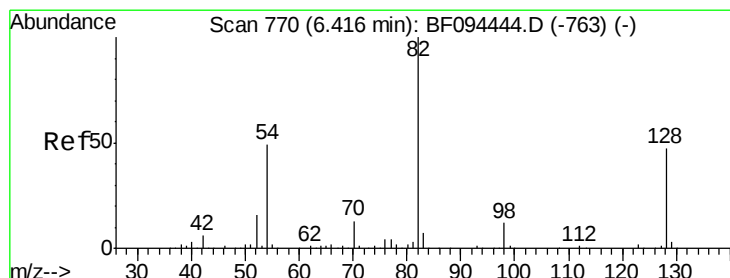
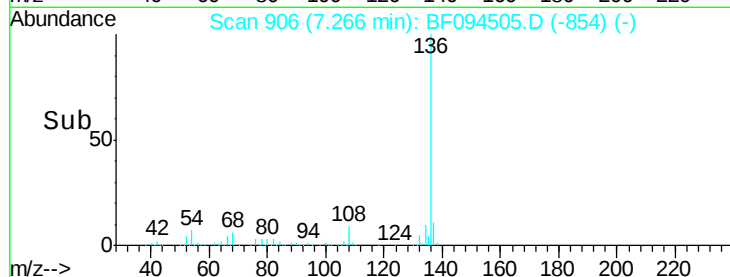
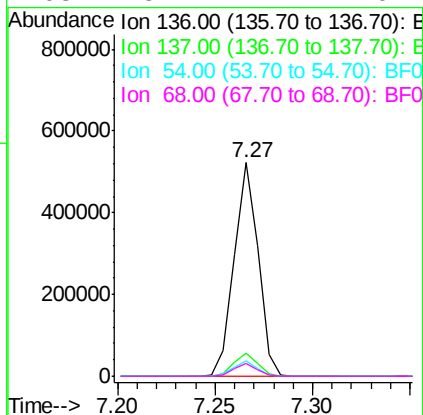
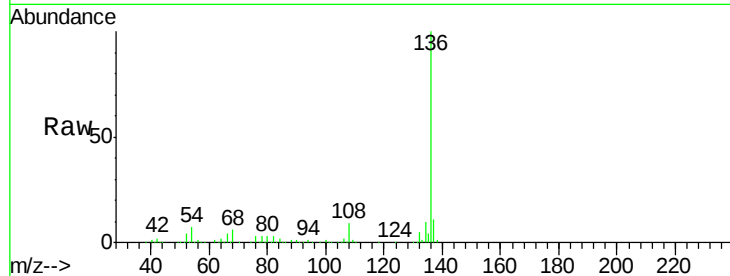
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :
E2-Y8-ESW

Tot Ion	Ratio	Resp	Lower	Upper
136	100	446012		
137	11.0		8.5	12.7
54	7.3		4.9	7.3
68	5.7		4.1	6.1

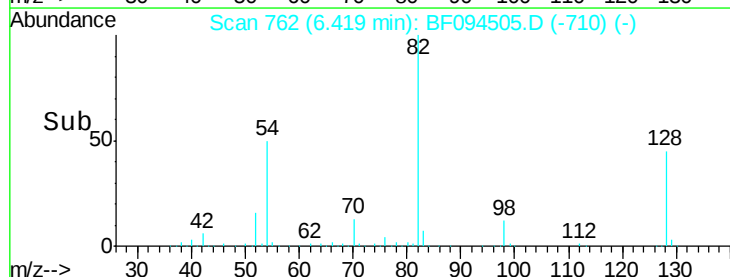
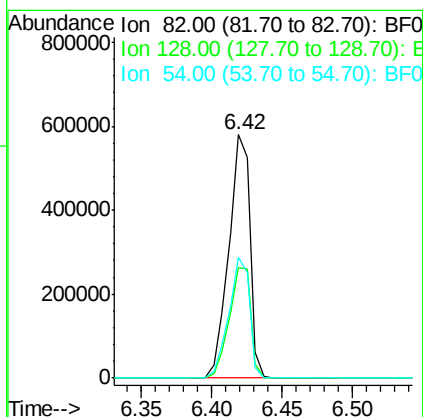
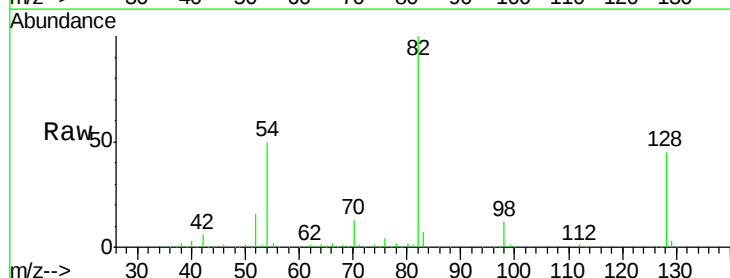
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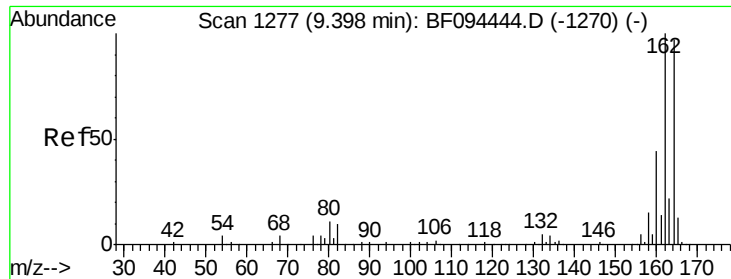
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#23
Nitrobenzene-d5
Concen: 83.56 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	603585		
128	45.4		34.0	51.0
54	49.6		42.2	63.2





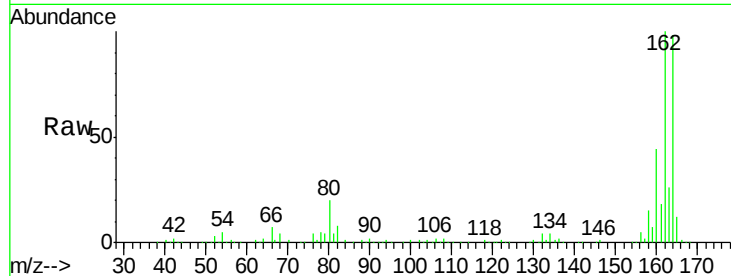
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :
E2-Y8-ESW

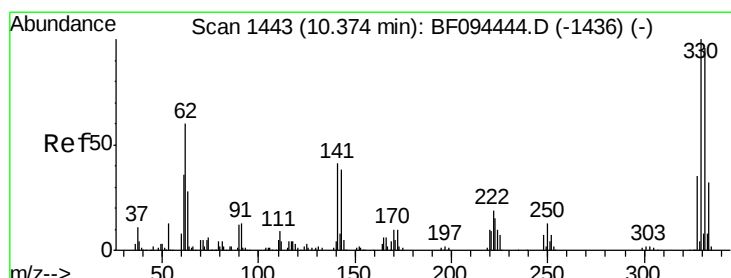
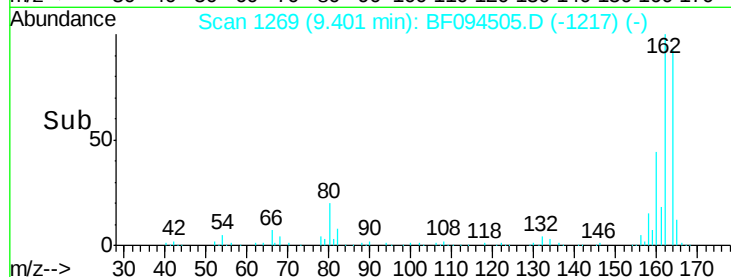
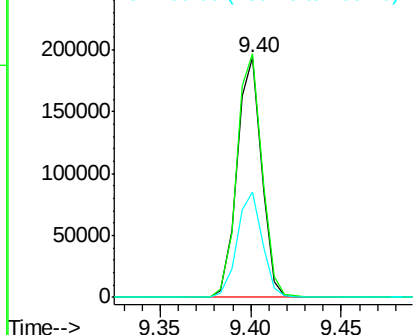
Tot Ion	Ratio	Resp	Lower	Upper
164	100	181466		
162	101.6	82.6	123.8	
160	44.2	36.2	54.2	

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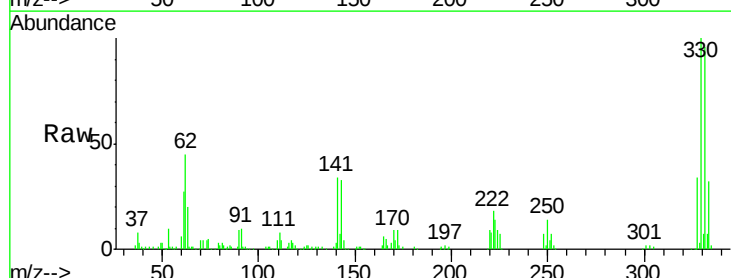


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

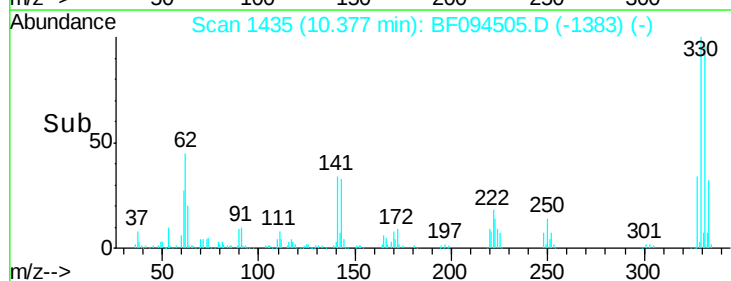
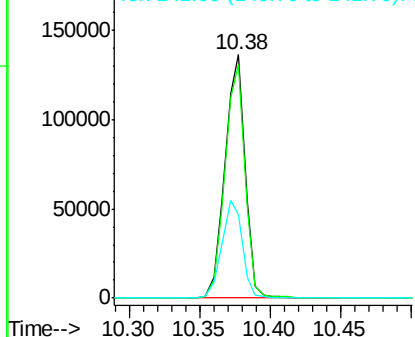


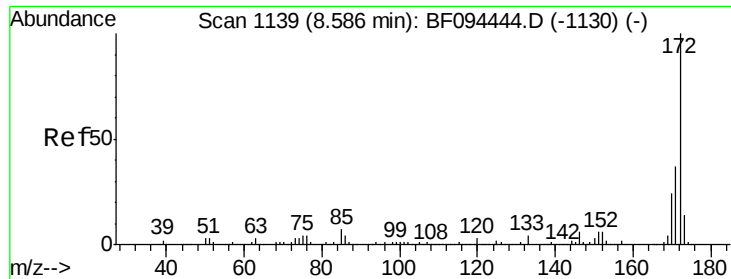
#41
2,4,6-Tribromophenol
Concen: 95.23 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	135170		
332	95.6	76.6	115.0	
141	41.1	31.4	47.2	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





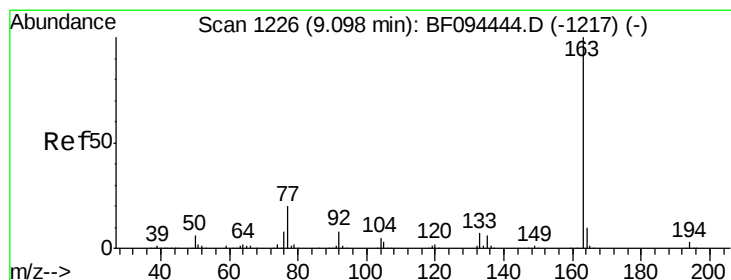
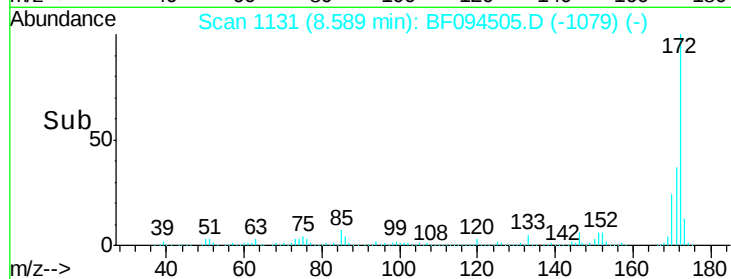
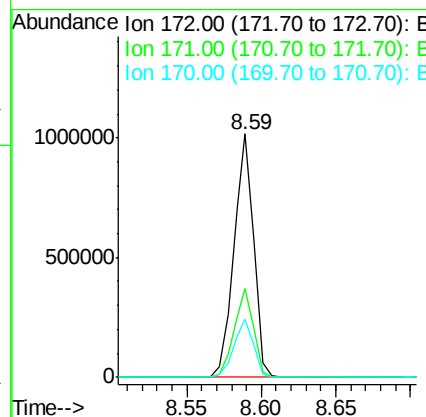
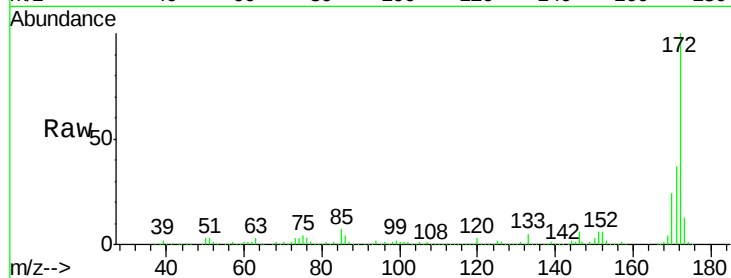
#44
2-Fluorobiphenyl
Concen: 76.74 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampled :
E2-Y8-ESW

Tot Ion	Ratio	Resp	Lower	Upper
172	100	946489		
171	36.5		29.6	44.4
170	24.0		19.8	29.8

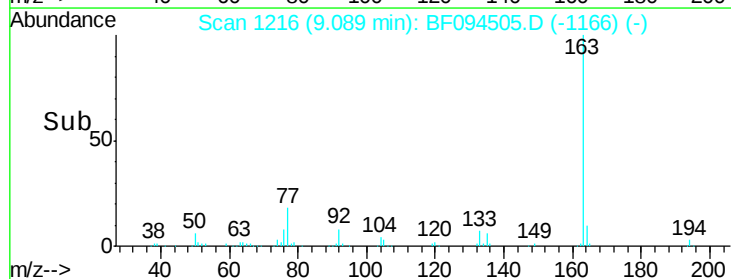
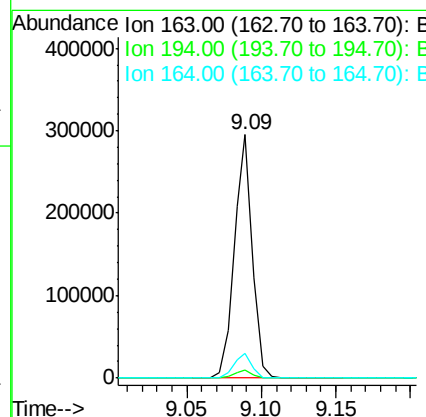
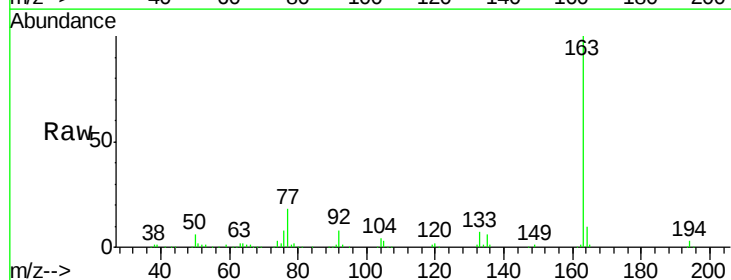
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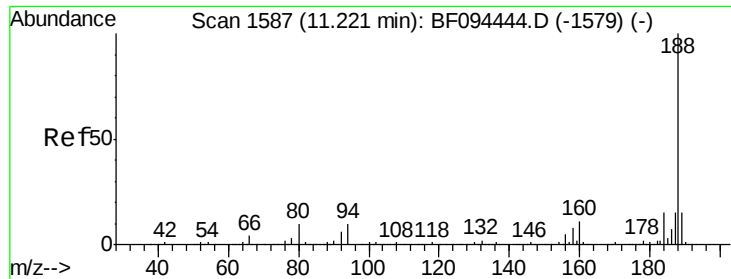
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#49
Dimethylphthalate
Concen: 18.53 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	250591		
194	3.4		2.6	4.0
164	9.9		8.4	12.6





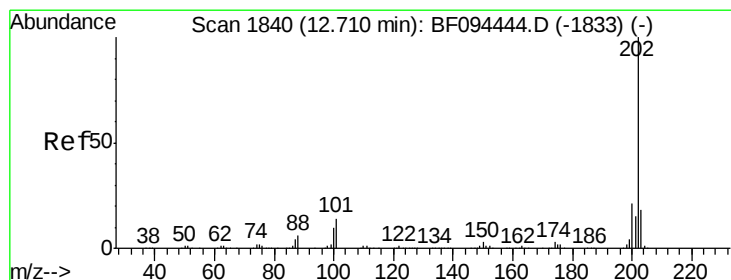
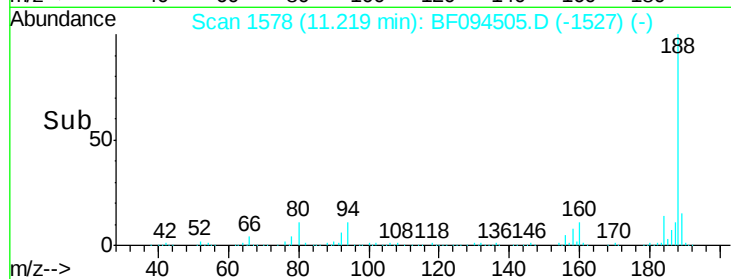
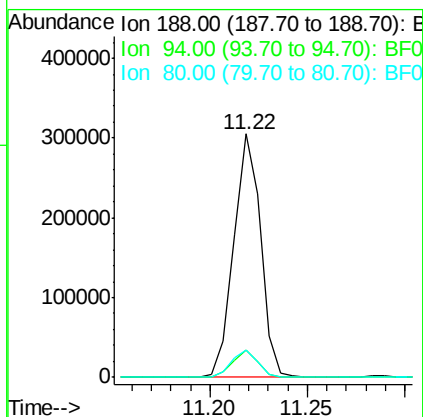
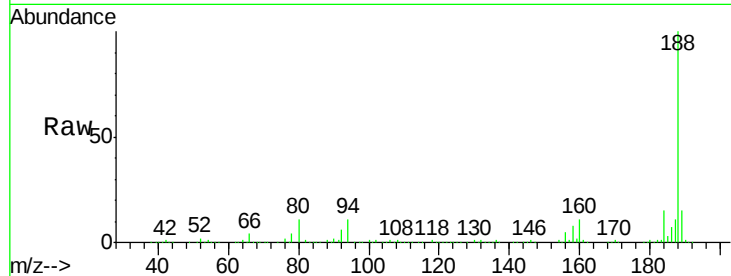
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :
E2-Y8-ESW

Tot Ion	Ratio	Resp	Lower	Upper
188	100	291424		
94	11.0		9.4	14.2
80	11.5		10.2	15.2

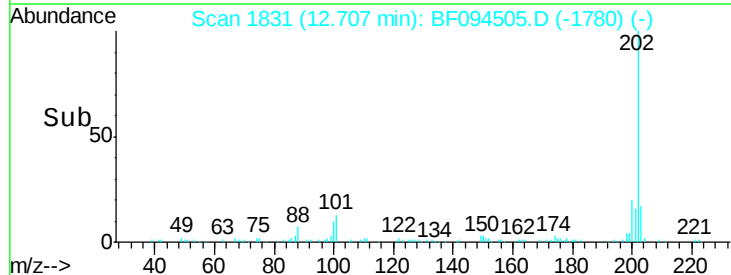
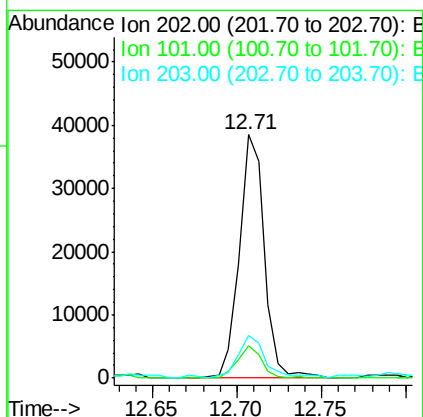
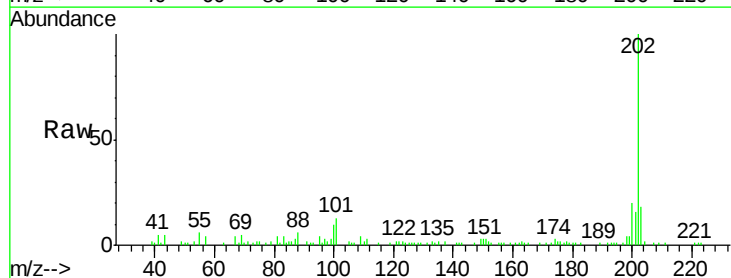
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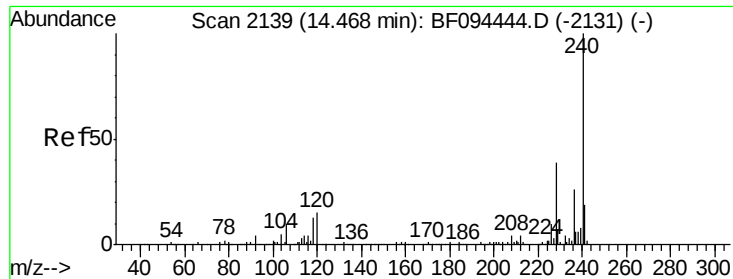
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#74
Fluoranthene
Concen: 2.34 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	39767		
101	13.4		0.0	33.2
203	17.6		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094505.D

Acq: 18 Apr 2017 23:55

Instrument :

BNA_F

ClientSampleId :

E2-Y8-ESW

Tot Ion:240 Resp: 277997
Ion Ratio Lower Upper

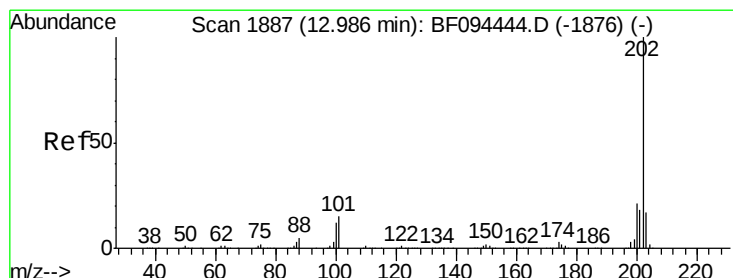
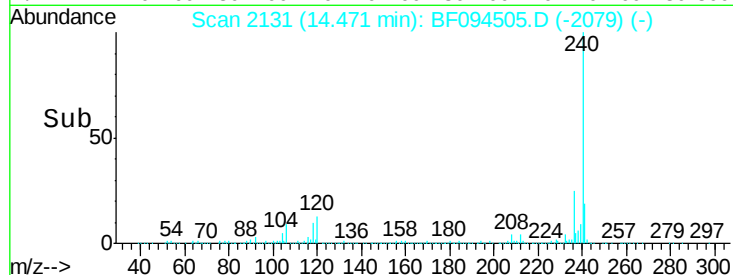
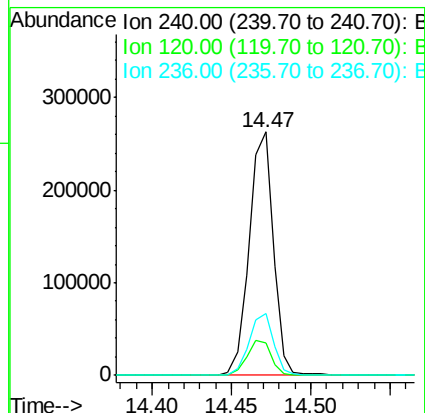
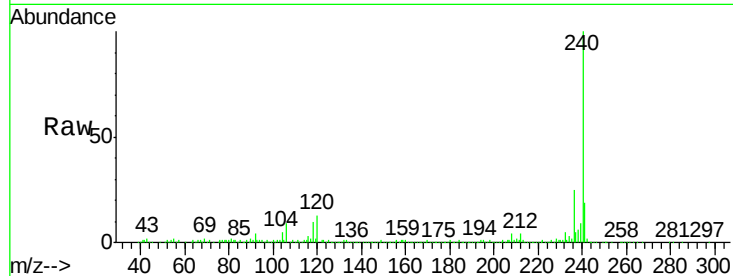
240 100

120 13.3 5.8 8.8#

236 25.4 20.5 30.7

Manual Integrations
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#77

Pyrene

Concen: 2.13 ng

RT: 12.98 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BF094505.D

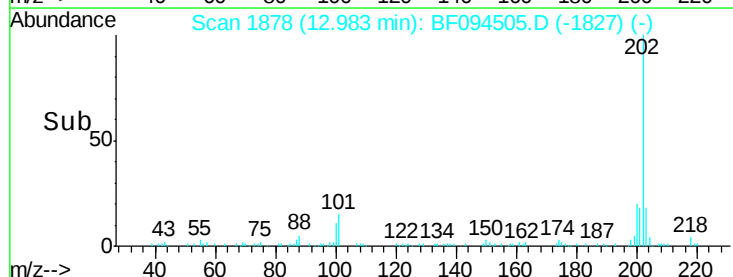
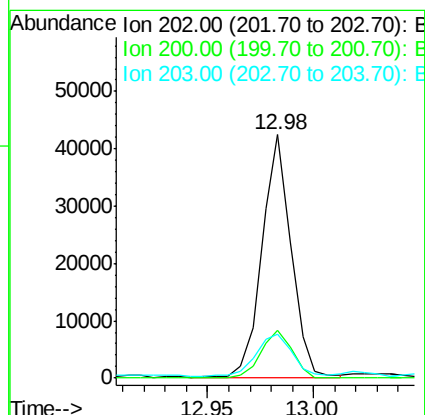
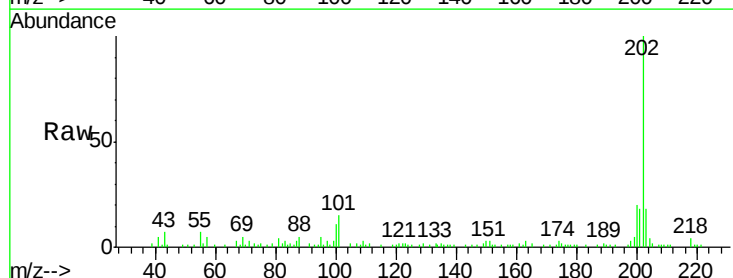
Acq: 18 Apr 2017 23:55

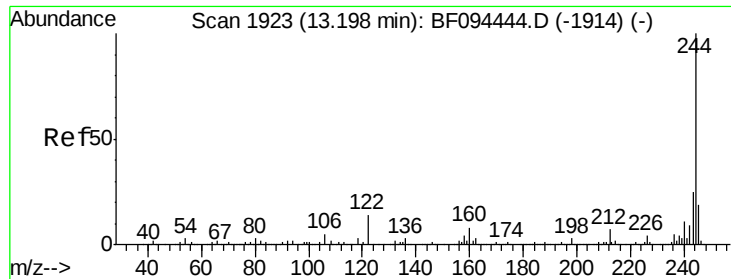
Tgt Ion:202 Resp: 41340
Ion Ratio Lower Upper

202 100

200 19.7 17.6 26.4

203 17.8 14.4 21.6





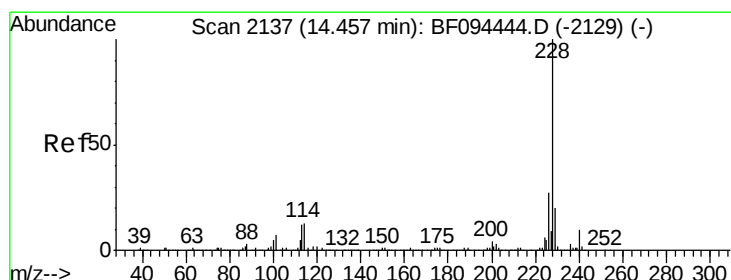
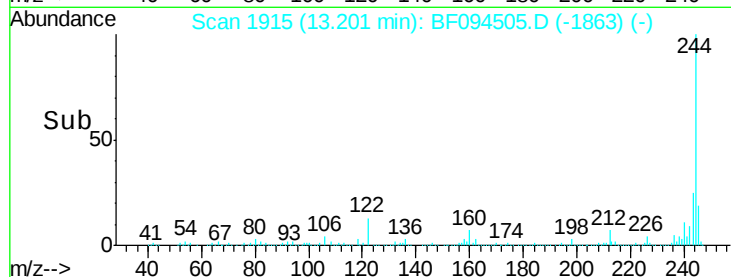
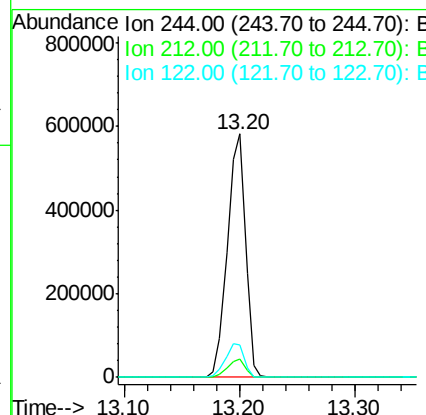
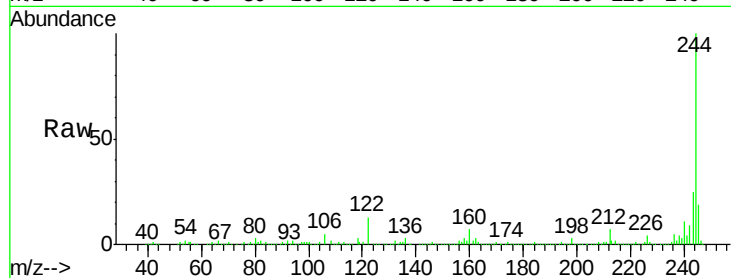
#78
 Terphenyl-d14
 Concen: 60.95 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BF094505.D
 Acq: 18 Apr 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y8-ESW

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.3	10.3	15.5

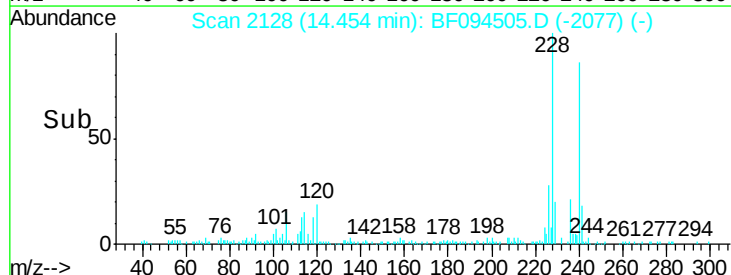
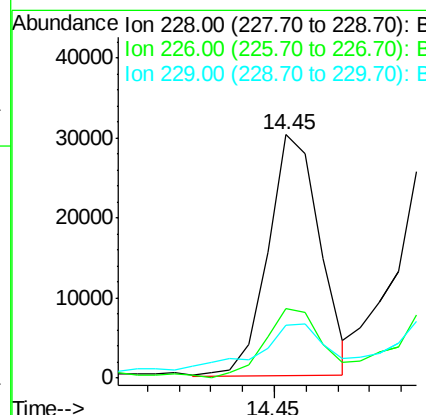
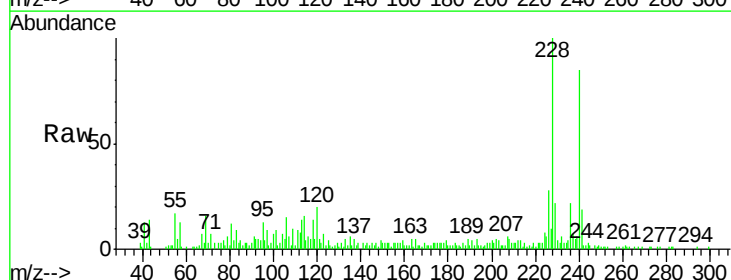
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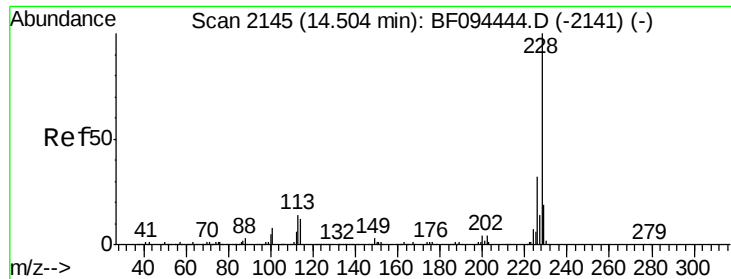
mohammad
 4/19/2017 1:33:52 PM



#80
 Benzo(a)anthracene
 Concen: 2.13 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BF094505.D
 Acq: 18 Apr 2017 23:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	21.8	16.3	24.5





#82

Chrysene

Concen: 2.42 ng/mL

RT: 14.50 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF094505.D

Acq: 18 Apr 2017 23:55

Instrument :

BNA_F

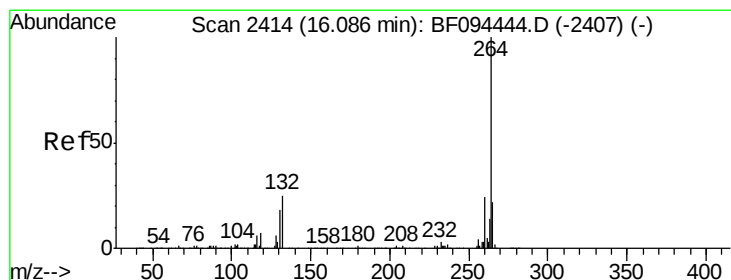
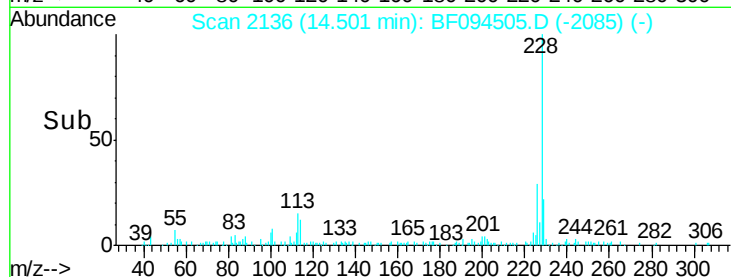
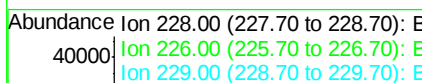
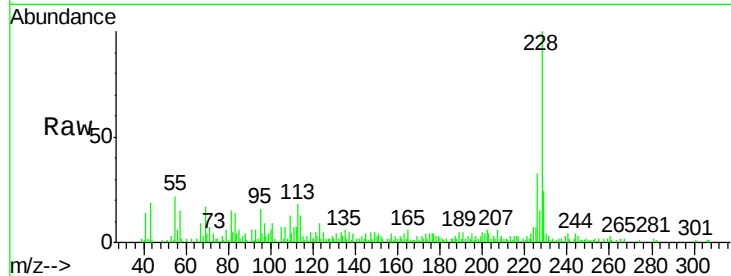
ClientSampleId :

E2-Y8-ESW

Tot Ion:	228	Resp:	35737
Ion Ratio	Lower	Upper	
228	100		
226	33.1	24.9	37.3
229	24.3	15.8	23.6

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#86

Perylene-d12

Concen: 20.00 ng

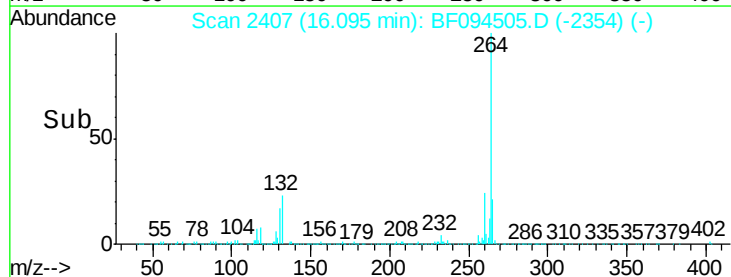
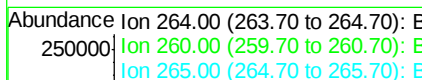
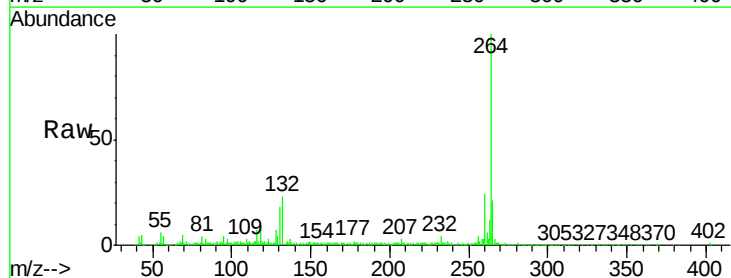
RT: 16.09 min Scan# 2407

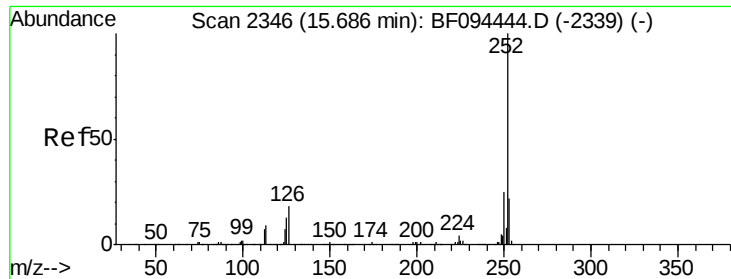
Delta R.T. 0.01 min

Lab File: BF094505.D

Acq: 18 Apr 2017 23:55

Tgt Ion:	264	Resp:	201359
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.44 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094505.D

Acq: 18 Apr 2017 23:55

Instrument :

BNA_F

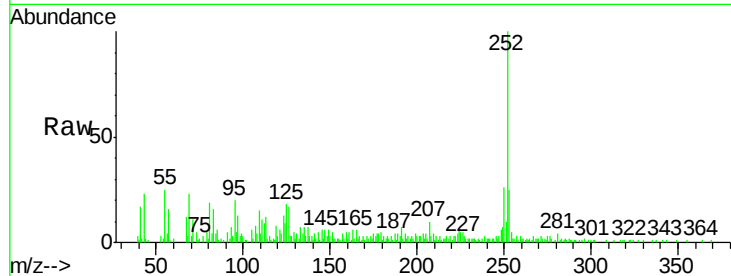
ClientSampleId :

E2-Y8-ESW

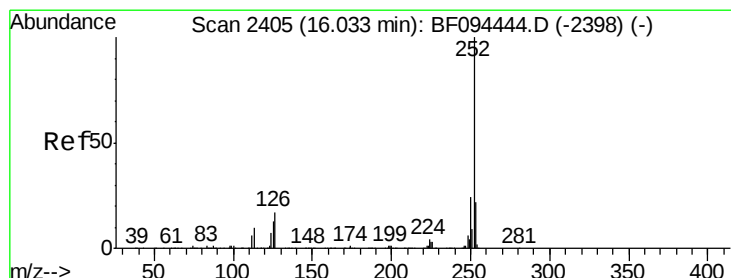
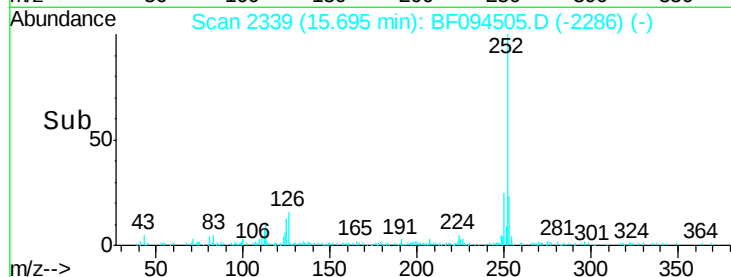
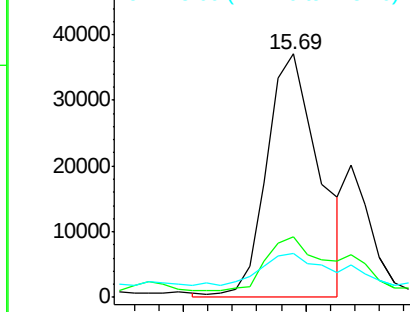
Tot Ion:	252	Resp:	54638
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.1	27.1
125	17.9	9.8	14.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 3.45 ng

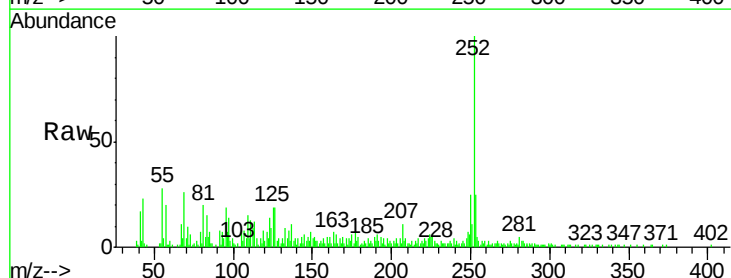
RT: 16.04 min Scan# 2397

Delta R.T. 0.00 min

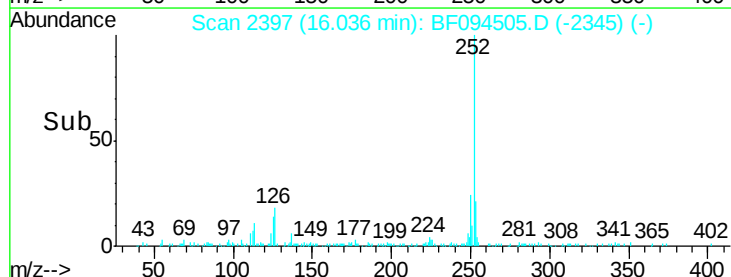
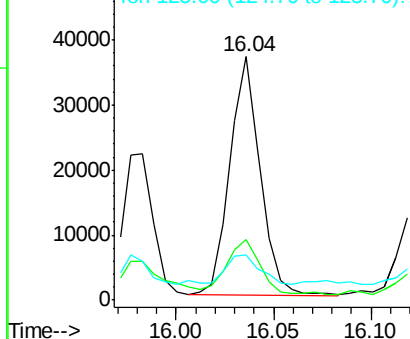
Lab File: BF094505.D

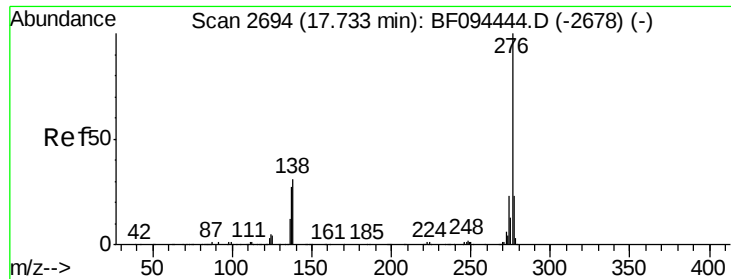
Acq: 18 Apr 2017 23:55

Tgt Ion:	252	Resp:	39544
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.5	26.3
125	18.7	11.0	16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





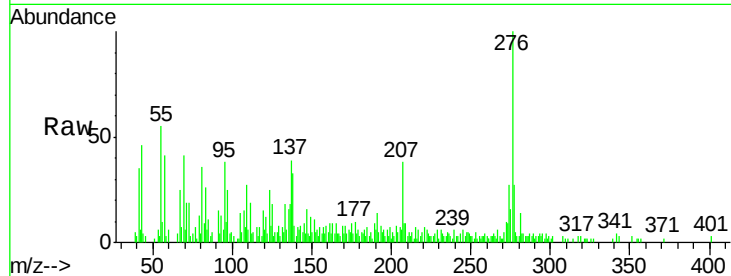
#91
 Benzo(a,h,i)perylene
 Concen: 3.20 ng
 RT: 17.74 min Scan# 2687
 Delta R.T. 0.01 min
 Lab File: BF094505.D
 Acq: 18 Apr 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y8-ESW

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	33.2	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

