

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095257.D
 Acq On : 19 May 2017 10:29
 Operator : SJ/MA
 Sample : I3186-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S4-WSW

Manual Integrations
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Quant Time: May 19 11:52:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	102046	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	443729	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	187598	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	308515	20.00	ng	0.00
75) Chrysene-d12	18.69	240	193558	20.00	ng	0.00
86) Perylene-d12	20.37	264	175369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	703331	114.91	ng	0.00
7) Phenol-d6	7.31	99	856902	116.68	ng	0.00
23) Nitrobenzene-d5	8.67	82	497477	70.70	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	160589	104.53	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	929728	71.33	ng	0.00
78) Terphenyl-d14	17.34	244	610324	69.45	ng	-0.01
Target Compounds						
10) Phenol	7.33	94	18867	2.44	ng	Qvalue # 52
49) Dimethylphthalate	12.25	163	256206	16.64	ng	100
70) Phenanthrene	15.06	178	122791	6.93	ng	95
74) Fluoranthene	16.80	202	130073	7.15	ng	99
77) Pyrene	17.11	202	121014	8.36	ng	# 95
80) Benzo(a)anthracene	18.68	228	34031m	3.02	ng	
82) Chrysene	18.72	228	35000	3.21	ng	99
85) Indeno(1,2,3-cd)pyrene	21.73	276	18662	2.11	ng	93
87) Benzo(b)fluoranthene	19.97	252	35789m	3.30	ng	
89) Benzo(a)pyrene	20.32	252	31332	3.13	ng	95
91) Benzo(g,h,i)perylene	22.12	276	19102	2.36	ng	96

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

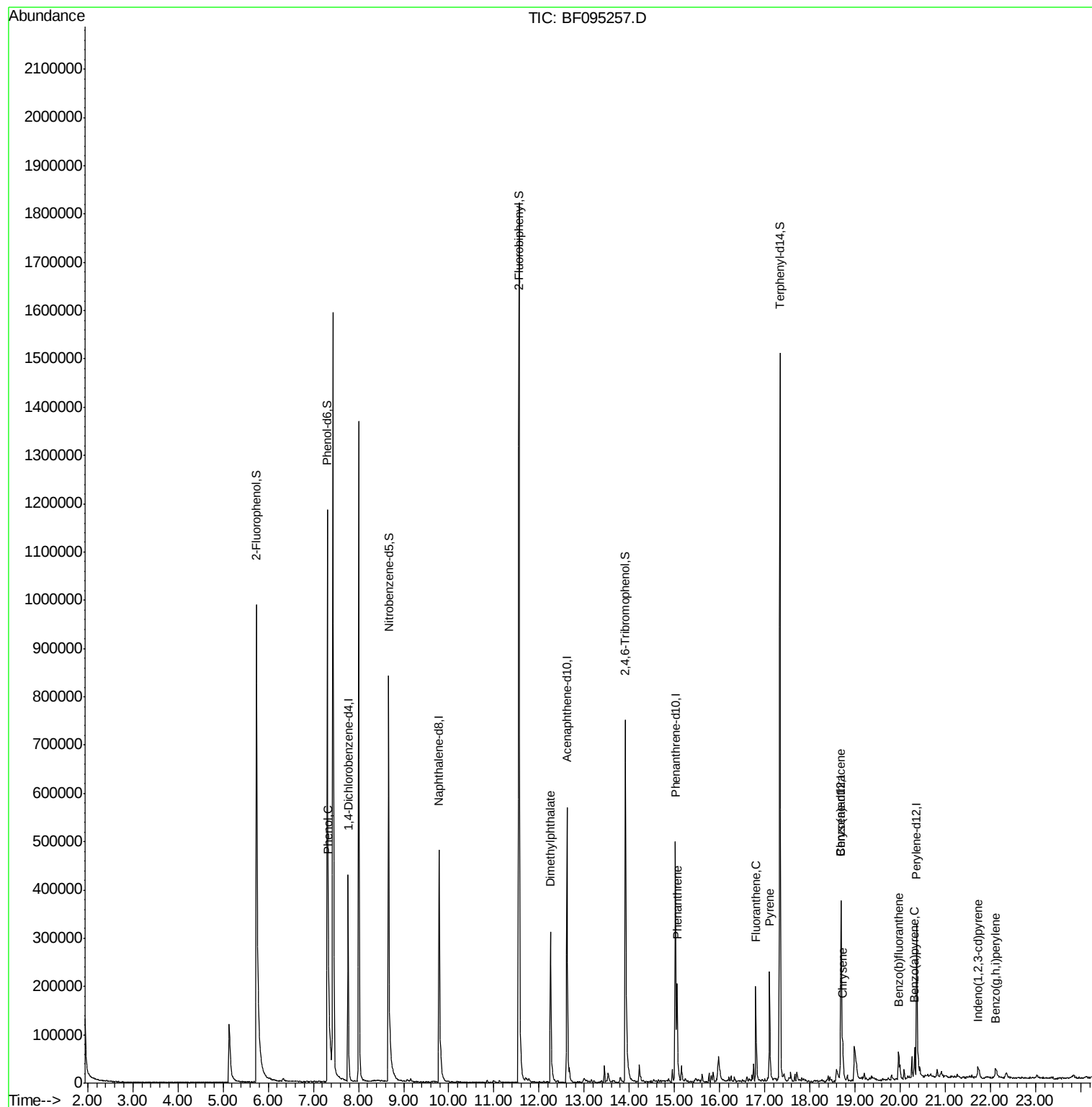
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
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Sample : I3186-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

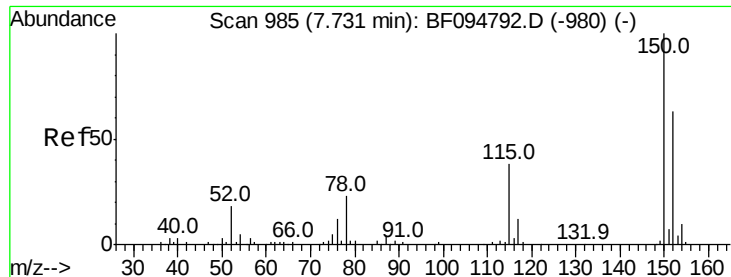
Instrument :
BNA_F
ClientSampleId :
E2-S4-WSW

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#1

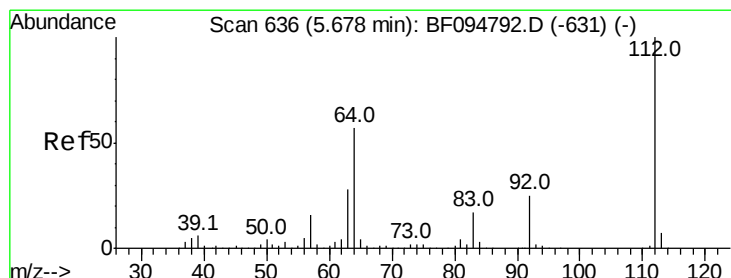
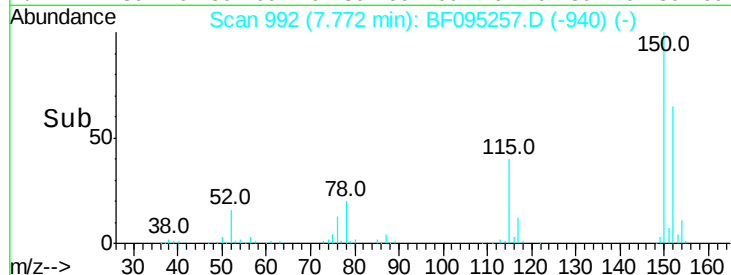
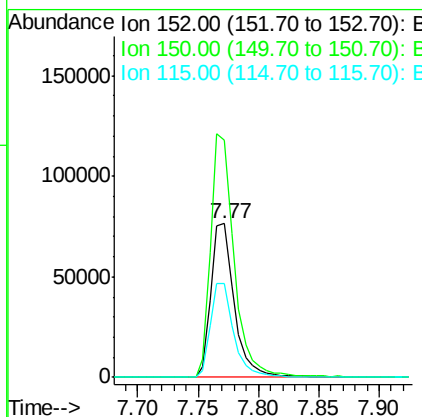
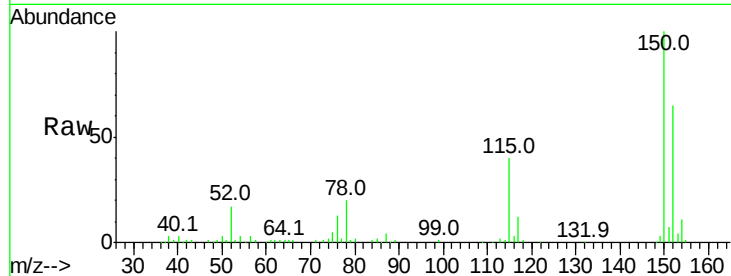
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095257.D
Acq: 19 May 2017 10:29

Instrument :
BNA_F
ClientSampleId :
E2-S4-WSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	61.1	52.2	78.2

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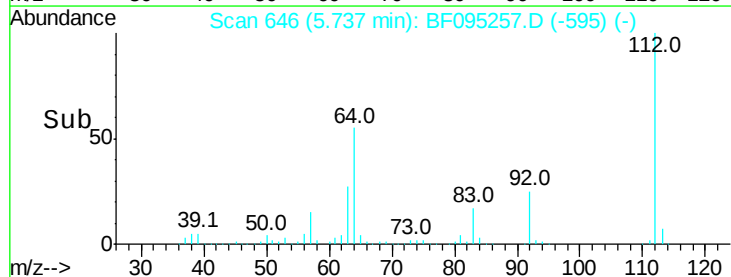
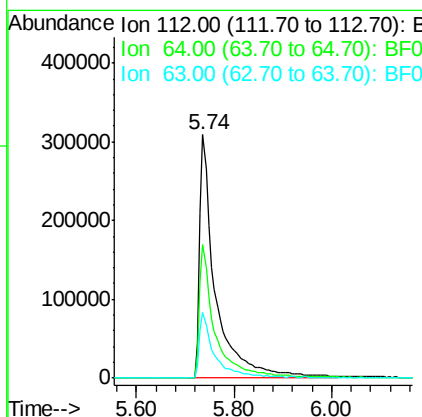
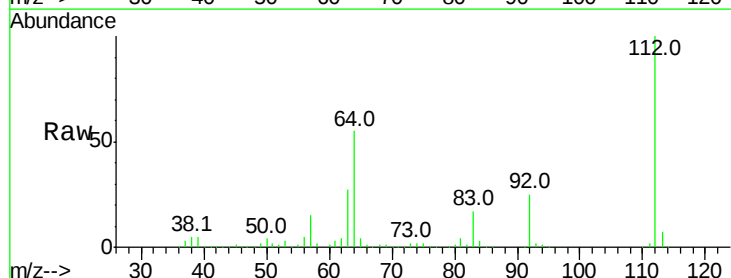
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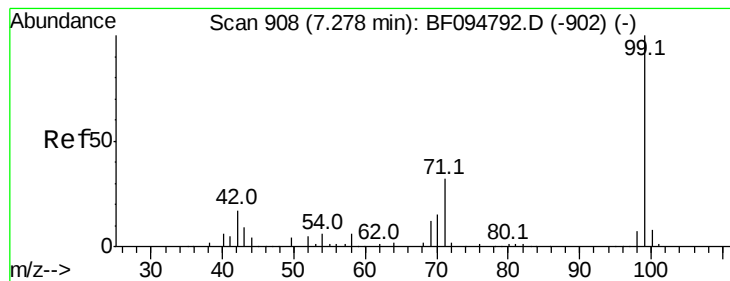


#5

2-Fluorophenol
Concen: 114.91 ng
RT: 5.74 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF095257.D
Acq: 19 May 2017 10:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	27.1	23.4	35.0





#7

Phenol-d6

Concen: 116.68 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095257.D

Acq: 19 May 2017 10:29

Instrument :

BNA_F

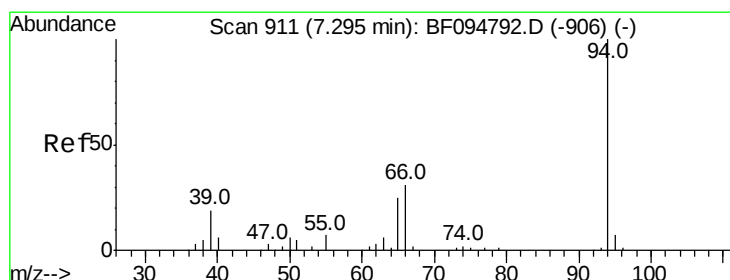
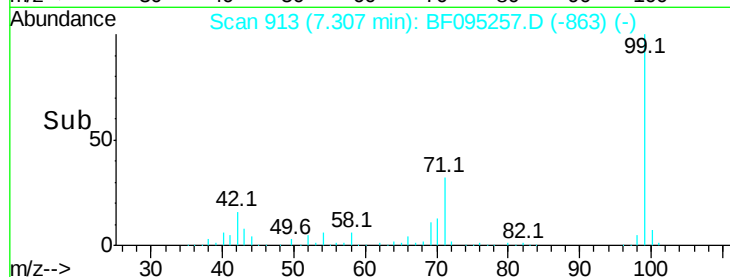
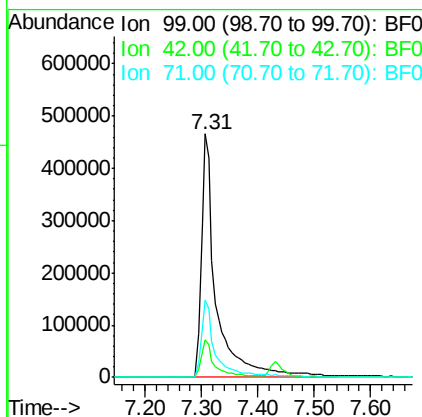
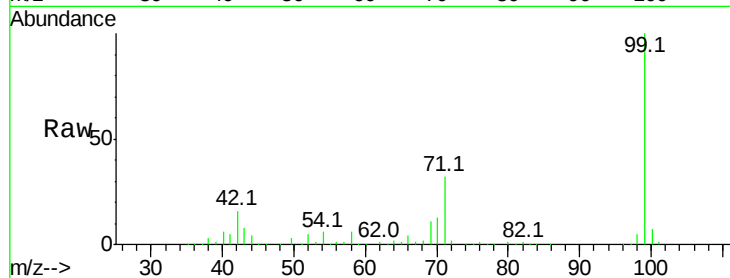
ClientSampleId :

E2-S4-WSW

Tot Ion:	99	Resp:	856902
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	31.7	24.5	36.7

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#10

Phenol

Concen: 2.44 ng

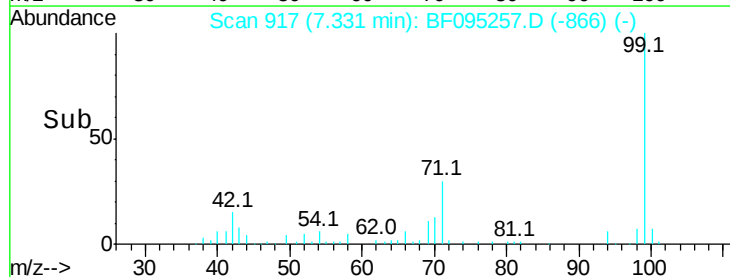
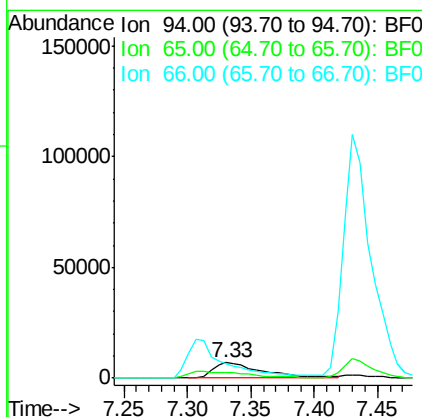
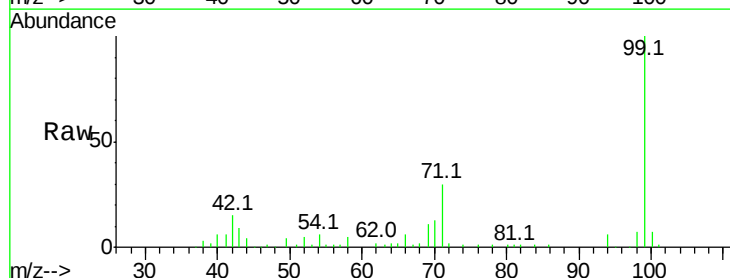
RT: 7.33 min Scan# 917

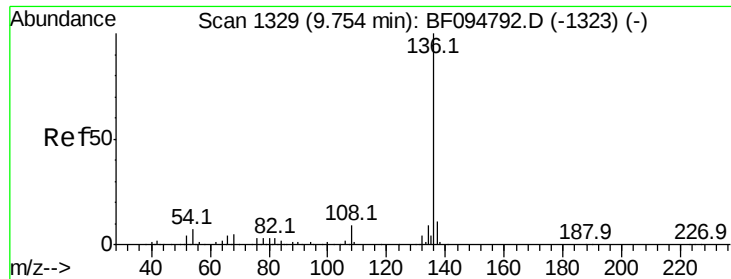
Delta R.T. 0.00 min

Lab File: BF095257.D

Acq: 19 May 2017 10:29

Tgt Ion:	94	Resp:	18867
Ion	Ratio	Lower	Upper
94	100		
65	34.7	9.9	49.9
66	90.7	23.1	63.1#





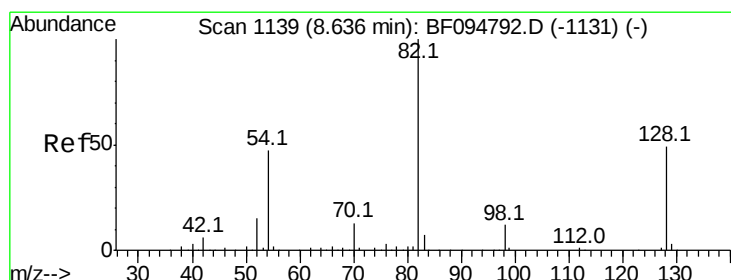
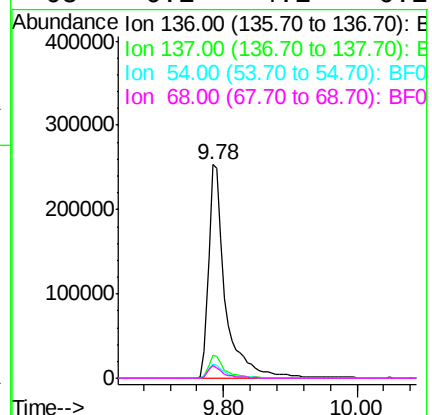
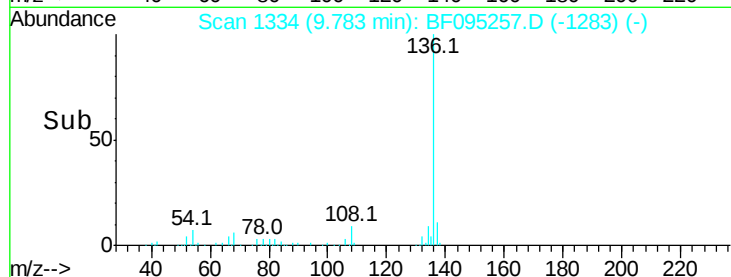
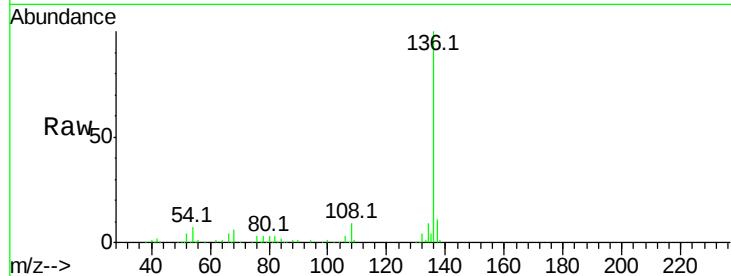
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095257.D
Acq: 19 May 2017 10:29

Instrument :
BNA_F
ClientSampleId :
E2-S4-WSW

Tot Ion	Ratio	Resp	Lower	Upper
136	100	443729		
137	10.6		8.5	12.7
54	6.9		4.9	7.3
68	6.1		4.1	6.1

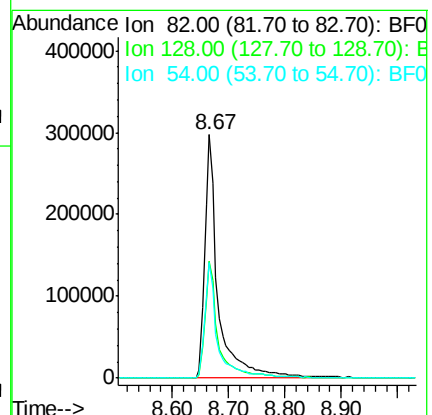
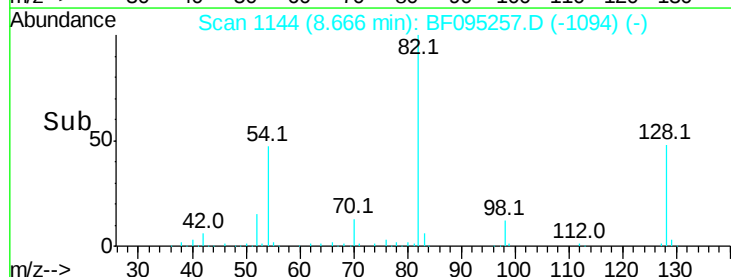
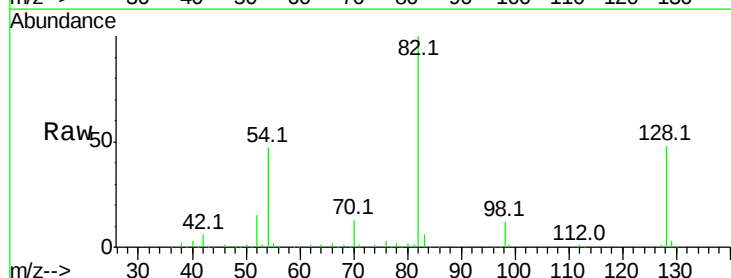
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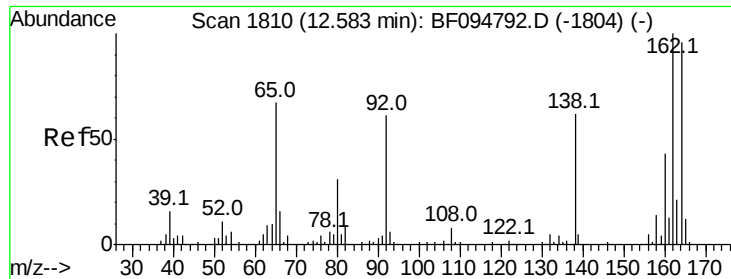
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#23
Nitrobenzene-d5
Concen: 70.70 ng
RT: 8.67 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095257.D
Acq: 19 May 2017 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	497477		
128	47.9		34.0	51.0
54	47.3		42.2	63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095257.D

Acq: 19 May 2017 10:29

Instrument :

BNA_F

ClientSampleId :

E2-S4-WSW

Tot Ion:164 Resp: 187598

Ion Ratio Lower Upper

164 100

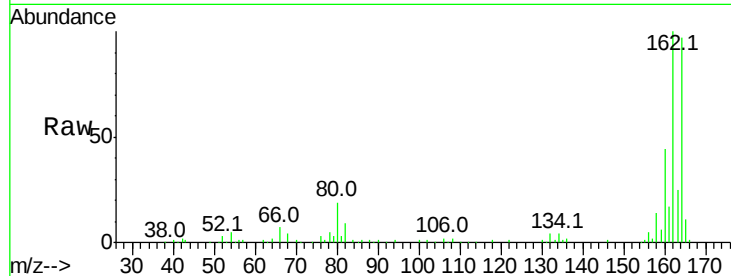
162 103.5 82.6 123.8

160 45.7 36.2 54.2

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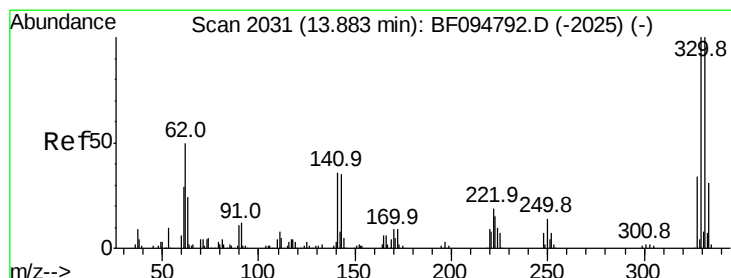
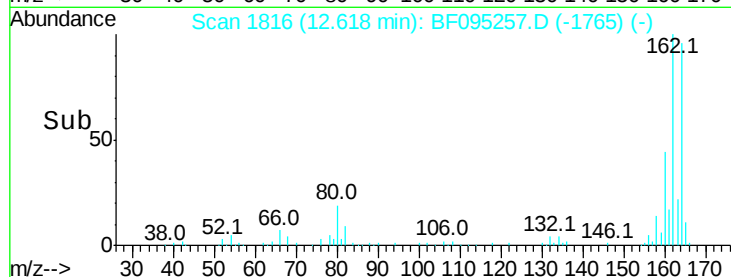
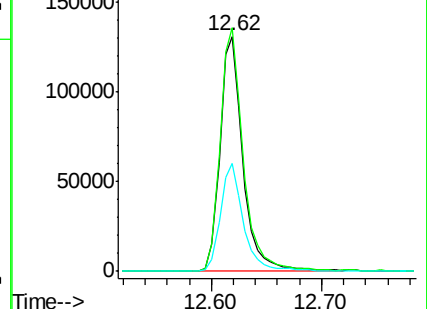
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 104.53 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095257.D

Acq: 19 May 2017 10:29

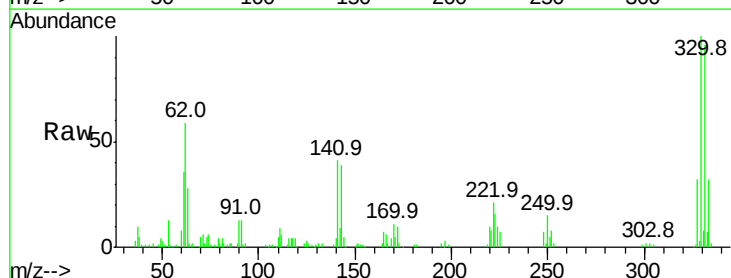
Tgt Ion:330 Resp: 160589

Ion Ratio Lower Upper

330 100

332 98.1 76.6 115.0

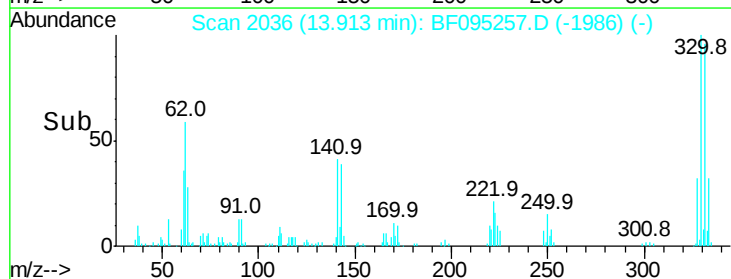
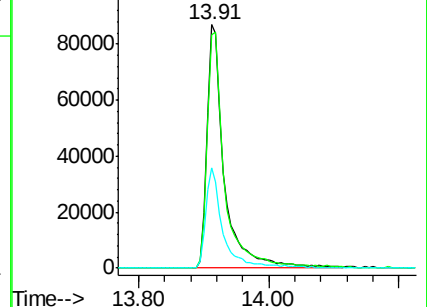
141 40.4 31.4 47.2

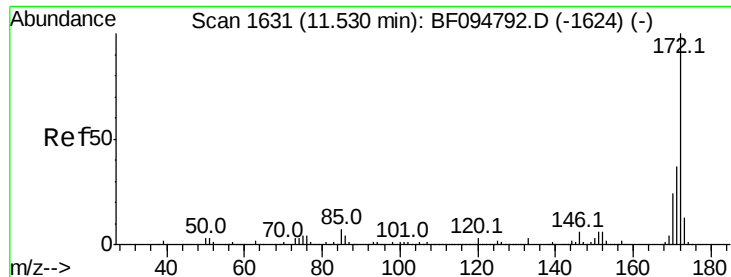


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





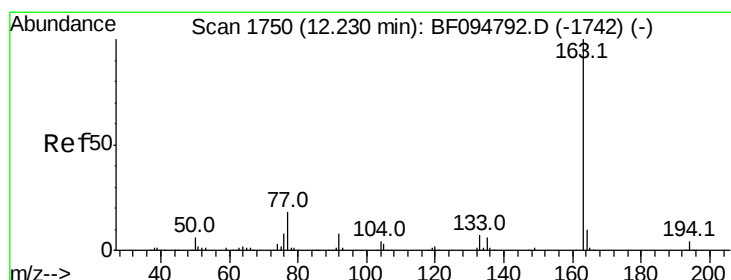
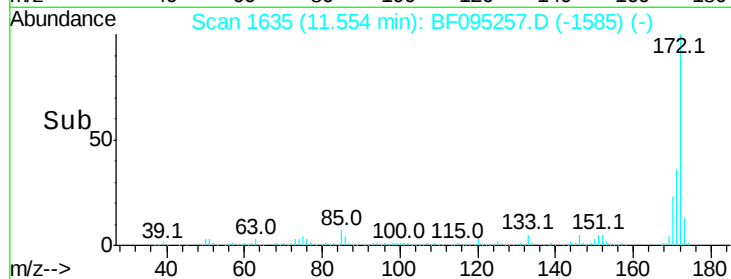
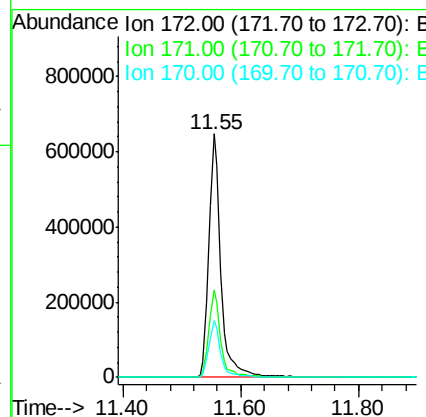
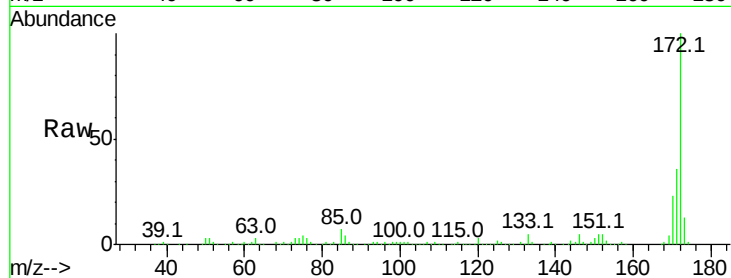
#44
2-Fluorobiphenyl
Concen: 71.33 ng
RT: 11.55 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF095257.D
Acq: 19 May 2017 10:29

Instrument :
BNA_F
ClientSampleId :
E2-S4-WSW

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	29.6	44.4	
170	23.2	19.8	29.8	

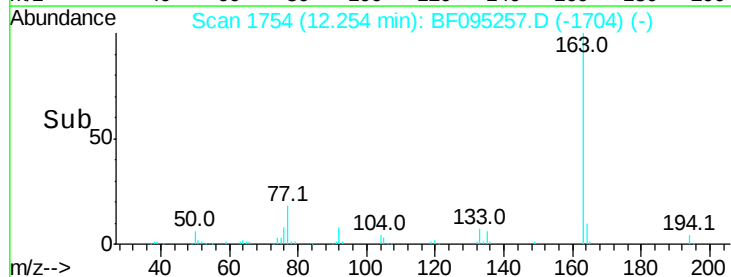
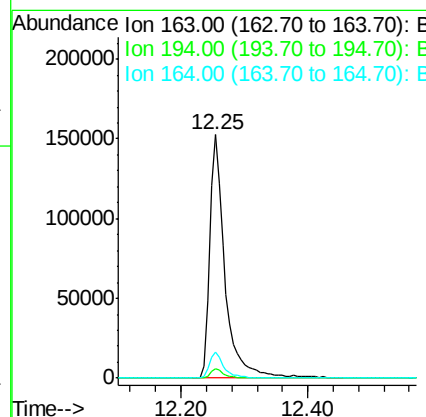
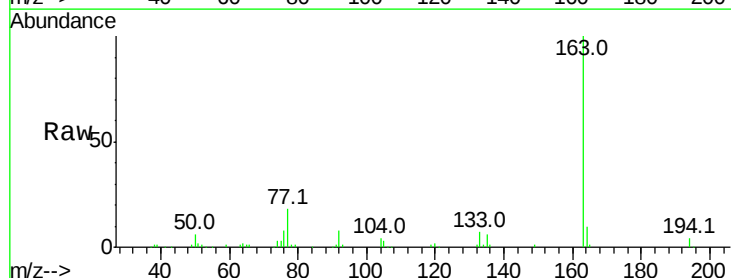
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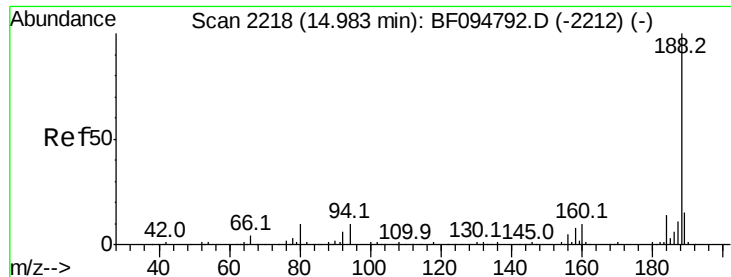
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#49
Dimethylphthalate
Concen: 16.64 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095257.D
Acq: 19 May 2017 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.6	4.0	
164	10.5	8.4	12.6	





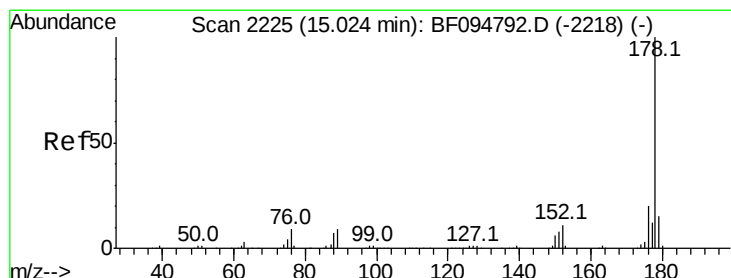
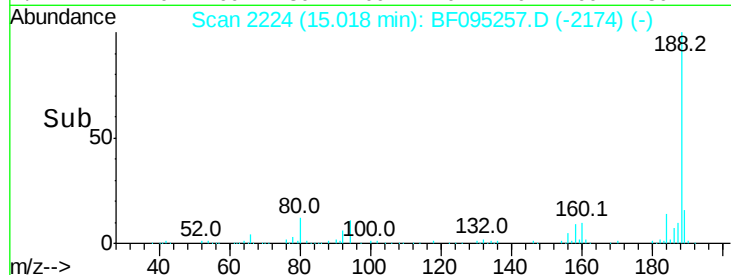
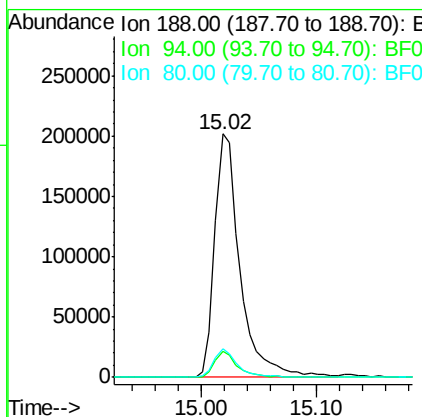
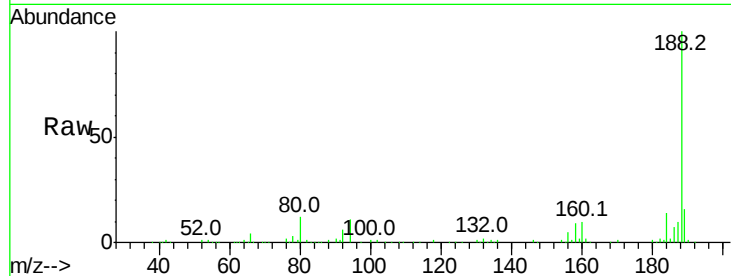
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095257.D
Acq: 19 May 2017 10:29

Instrument :
BNA_F
ClientSampleId :
E2-S4-WSW

Tot Ion	Ratio	Resp	Lower	Upper
188	100	308515		
94	10.6		9.4	14.2
80	11.5		10.2	15.2

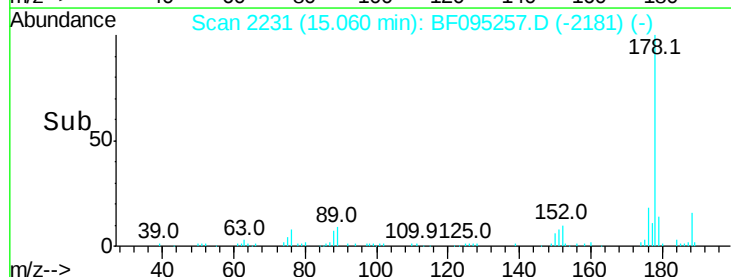
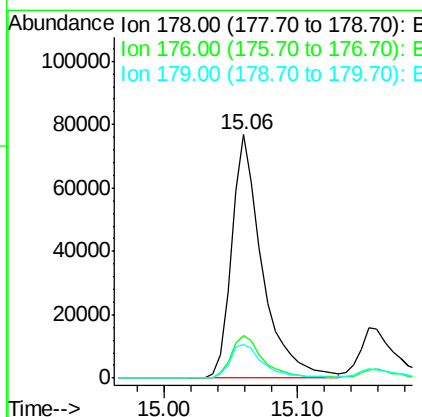
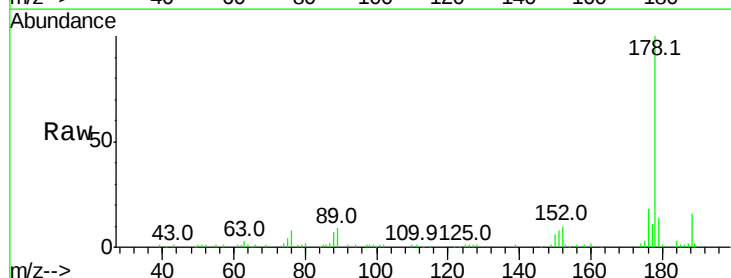
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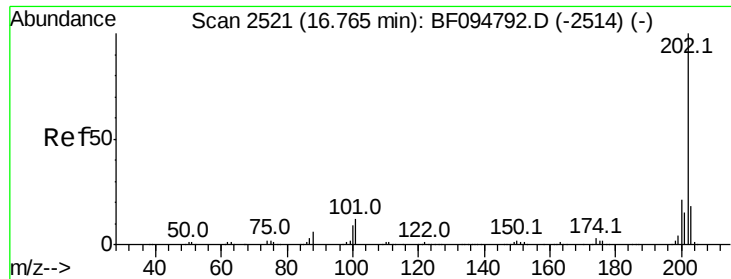
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#70
Phenanthrene
Concen: 6.93 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF095257.D
Acq: 19 May 2017 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	122791		
176	17.5		16.2	24.4
179	13.8		12.6	19.0





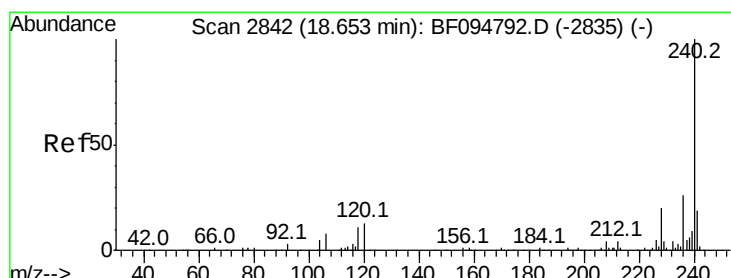
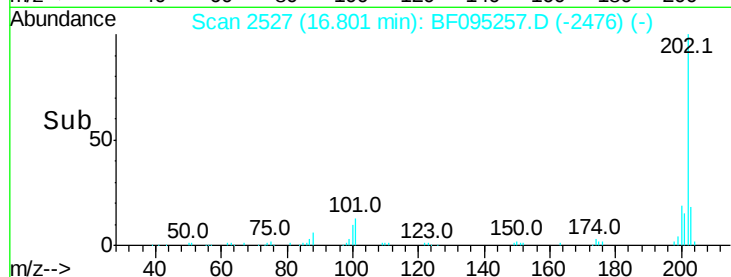
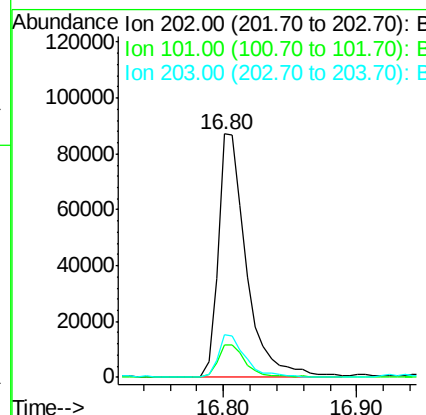
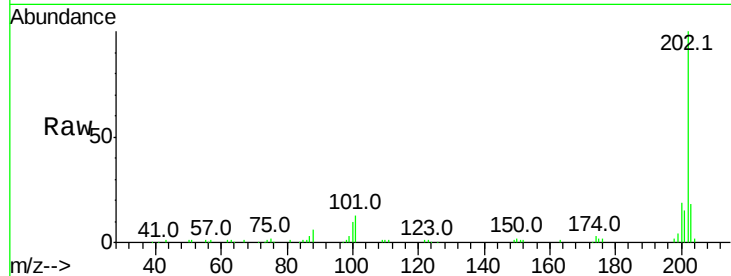
#74
Fluoranthene
 Concen: 7.15 ng
 RT: 16.80 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BF095257.D
 Acq: 19 May 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-S4-WSW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.7	0.0	38.1

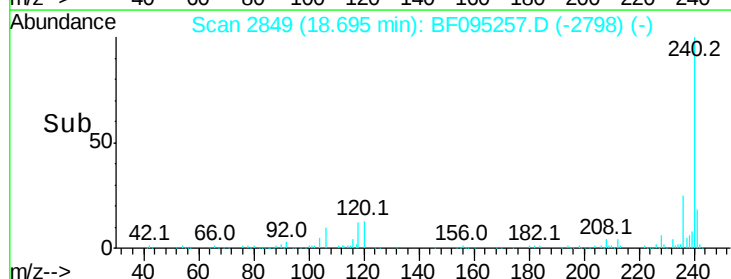
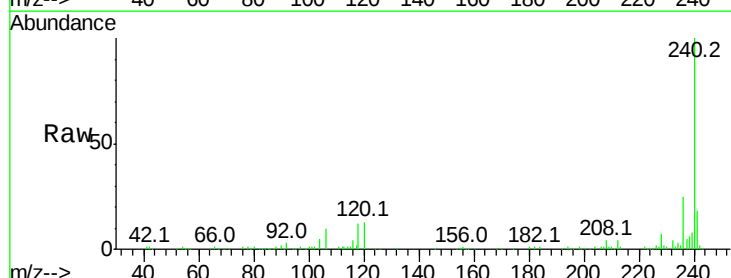
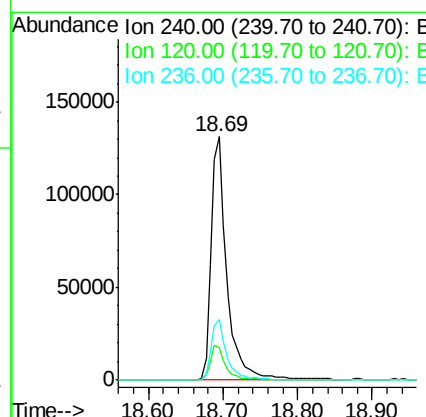
Manual Integrations
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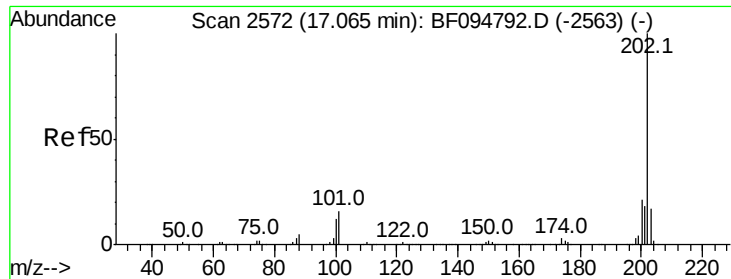
mohammad
 5/19/2017 3:40:51 PM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095257.D
 Acq: 19 May 2017 10:29

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	24.8	20.5	30.7





#77

Pvrene

Concen: 8.36 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BF095257.D

Acq: 19 May 2017 10:29

Instrument :

BNA_F

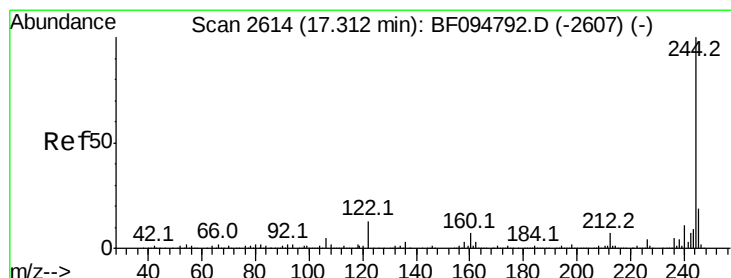
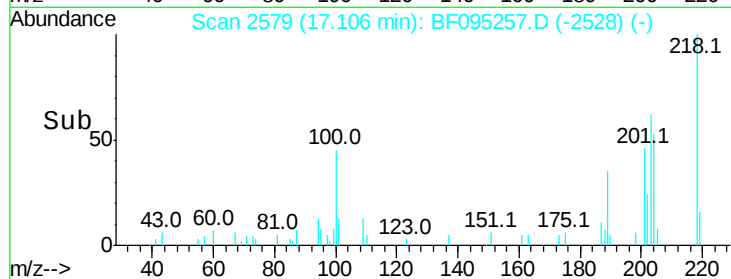
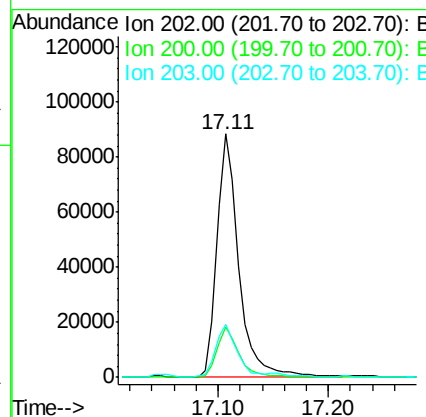
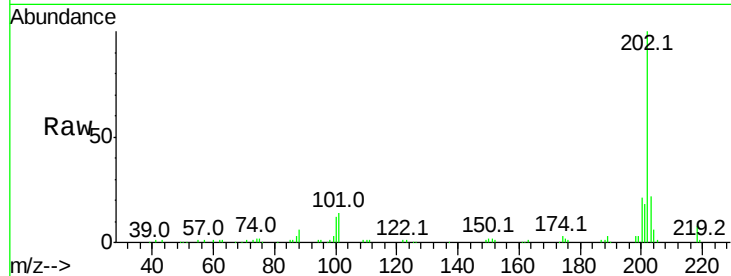
ClientSampleId :

E2-S4-WSW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.6	17.6	26.4		
203	21.7	14.4	21.6		

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#78

Terphenyl-d14

Concen: 69.45 ng

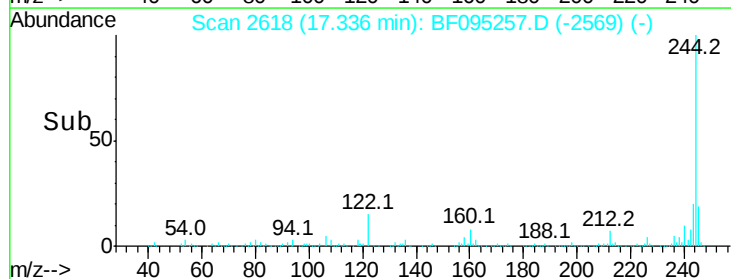
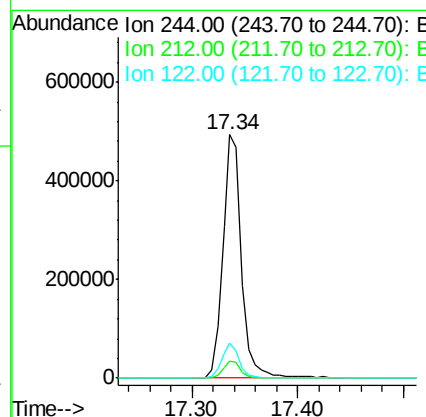
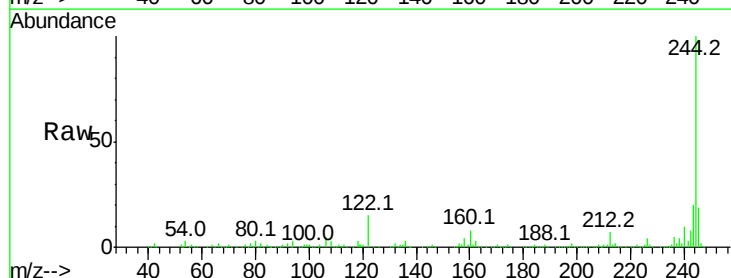
RT: 17.34 min Scan# 2618

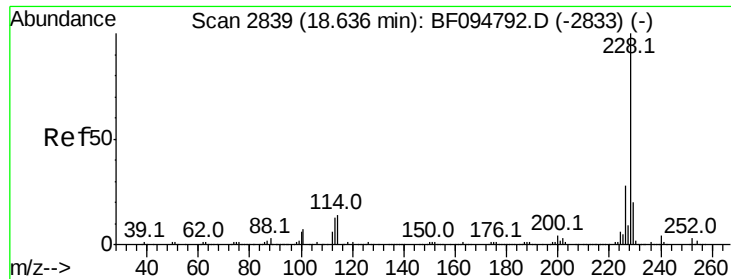
Delta R.T. -0.01 min

Lab File: BF095257.D

Acq: 19 May 2017 10:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	7.0	6.0	9.0		
122	14.6	10.3	15.5		





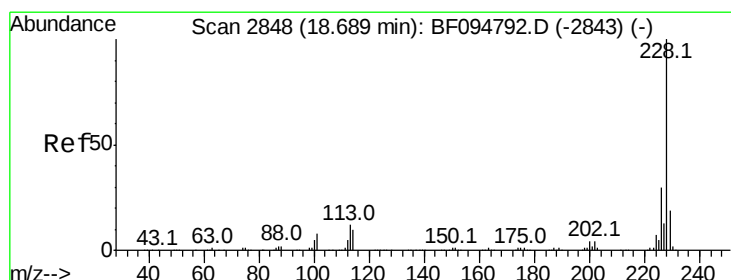
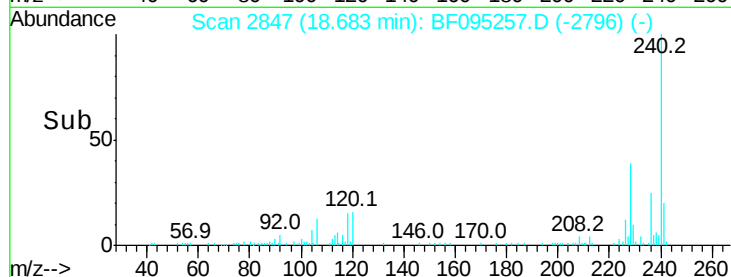
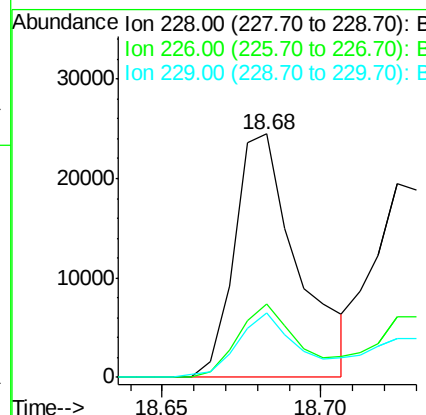
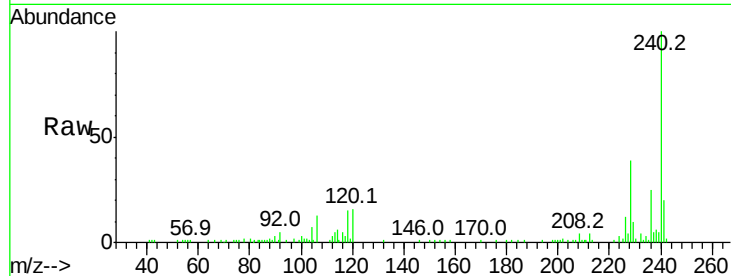
#80
Benzo(a)anthracene
Concen: 3.02 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BF095257.D
Acq: 19 May 2017 10:29

Instrument :
BNA_F
ClientSampleId :
E2-S4-WSW

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	26.6	16.3	24.5

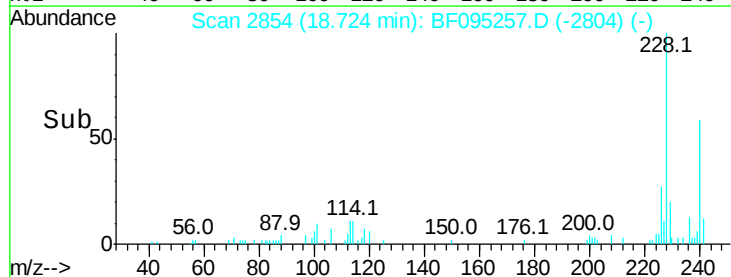
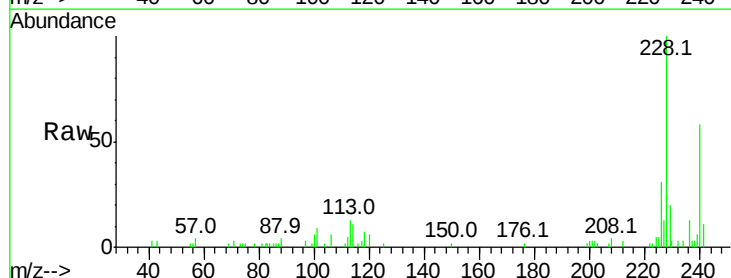
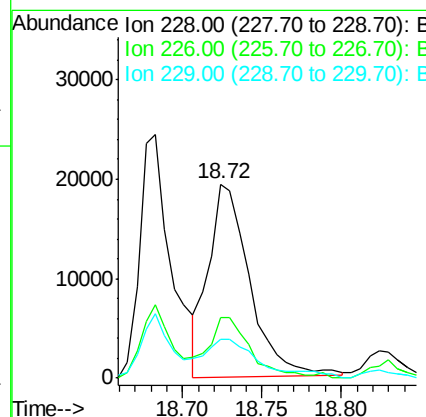
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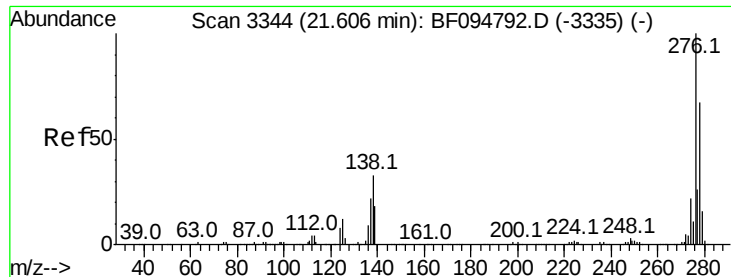
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#82
Chrysene
Concen: 3.21 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095257.D
Acq: 19 May 2017 10:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.0	15.8	23.6





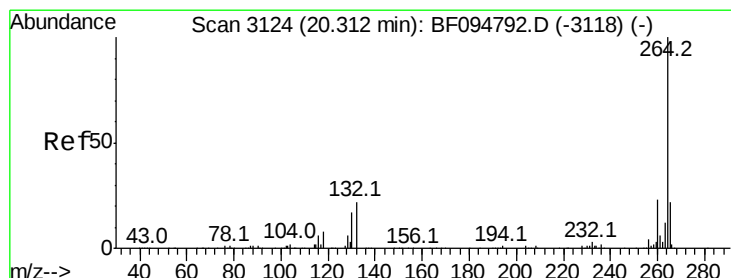
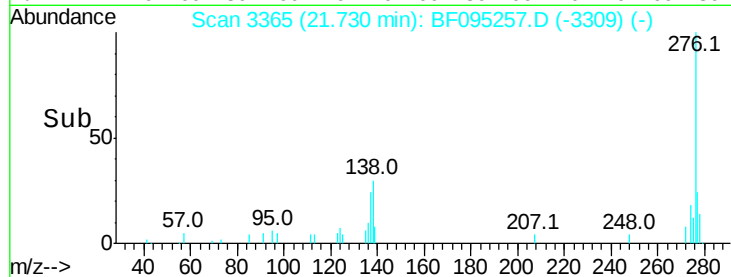
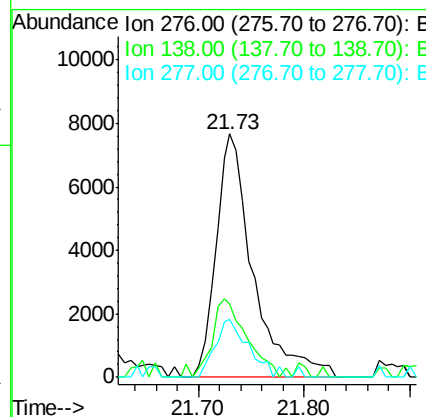
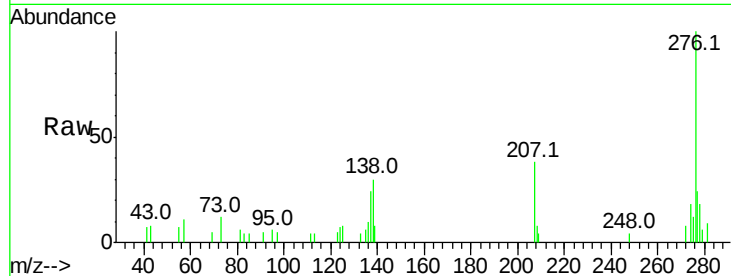
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.11 ng
 RT: 21.73 min Scan# 3365
 Delta R.T. 0.03 min
 Lab File: BF095257.D
 Acq: 19 May 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-S4-WSW

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	27.8	41.6
277	21.7	20.2	30.4

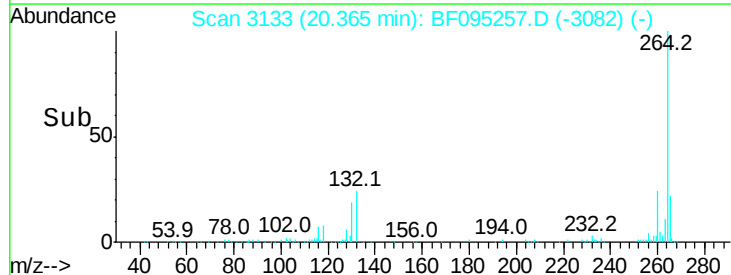
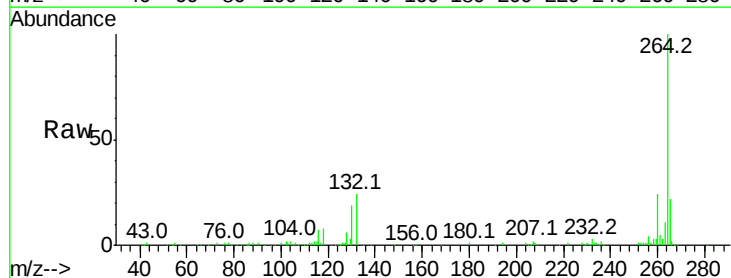
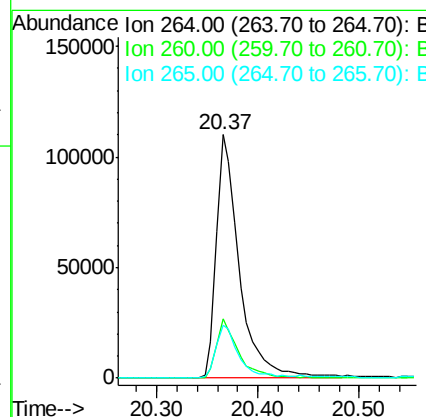
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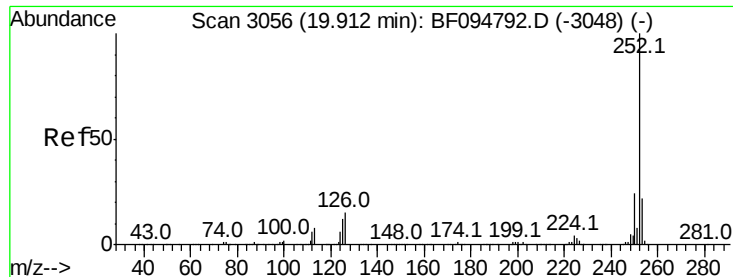
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095257.D
 Acq: 19 May 2017 10:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.7	17.2	25.8





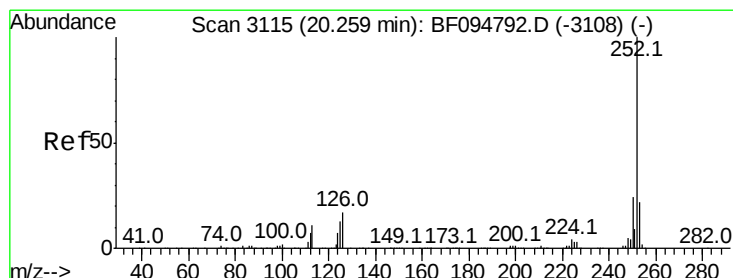
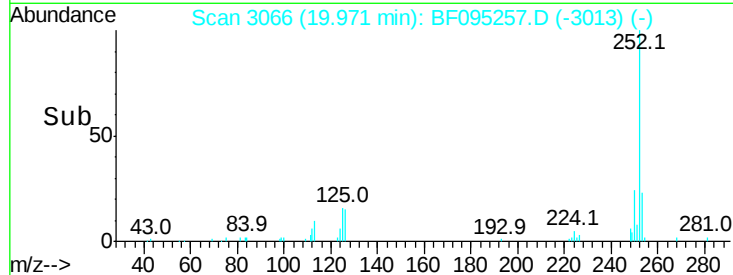
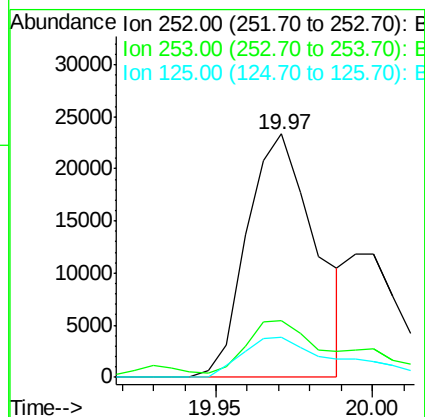
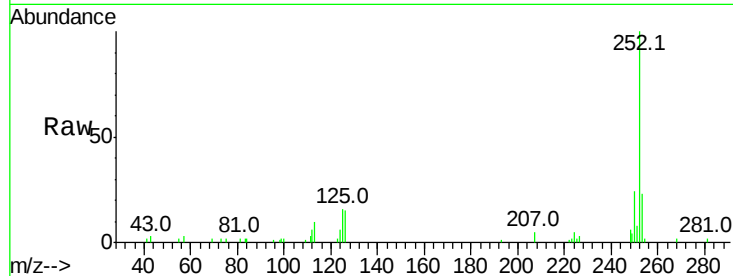
#87
Benzo(b)fluoranthene
Concen: 3.30 ng m
RT: 19.97 min Scan# 3066
Delta R.T. 0.01 min
Lab File: BF095257.D
Acq: 19 May 2017 10:29

Instrument :
BNA_F
ClientSampleId :
E2-S4-WSW

Tot Ion	Ratio	Resp	Lower	Upper
252	100	35789		
253	23.2		18.1	27.1
125	16.4		9.8	14.8

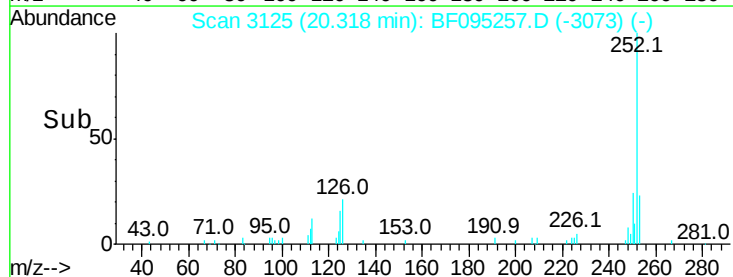
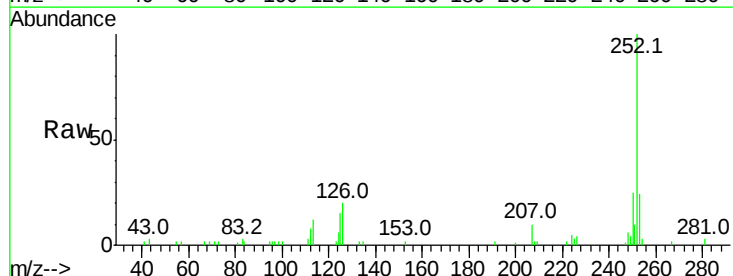
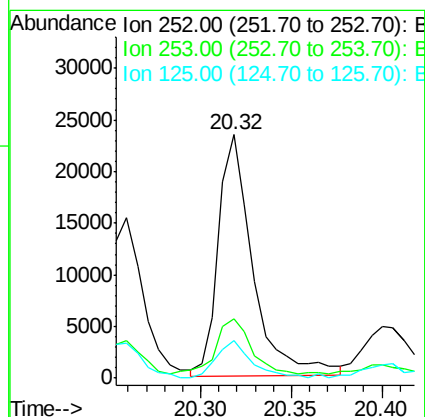
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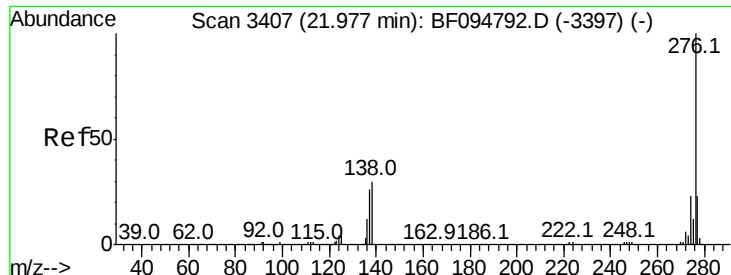
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#89
Benzo(a)pyrene
Concen: 3.13 ng
RT: 20.32 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BF095257.D
Acq: 19 May 2017 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	31332		
253	24.5		17.5	26.3
125	15.3		11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.36 ng
 RT: 22.12 min Scan# 3431
 Delta R.T. 0.04 min
 Lab File: BF095257.D
 Acq: 19 May 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-S4-WSW

Tot Ion:	276	Resp:	19102
Ion Ratio	Lower	Upper	
276	100		
277	25.4	18.6	28.0
138	30.1	25.4	38.0

Manual Integrations
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