

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095284.D
 Acq On : 20 May 2017 2:28
 Operator : SJ/MA
 Sample : I3189-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-14

Manual Integrations
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mohammad
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Quant Time: May 20 05:17:46 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	7.76	152	101372	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	380590	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	155415	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	245759	20.00	ng	0.00
75) Chrysene-d12	18.69	240	189462	20.00	ng	0.00
86) Perylene-d12	20.37	264	139657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	621784	102.26	ng	0.00
7) Phenol-d6	7.30	99	767105	105.15	ng	-0.01
23) Nitrobenzene-d5	8.66	82	415219	68.80	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	124039	97.45	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	773597	71.64	ng	-0.01
78) Terphenyl-d14	17.33	244	437468	50.86	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	177433	13.91	ng	98
70) Phenanthrene	15.05	178	222471	15.76	ng	96
71) Anthracene	15.14	178	56545m	3.92	ng	
74) Fluoranthene	16.79	202	209172	14.44	ng	98
77) Pyrene	17.10	202	170554	12.04	ng	95
80) Benzo(a)anthracene	18.68	228	68680	6.23	ng	95
82) Chrysene	18.72	228	67279	6.31	ng	98
87) Benzo(b)fluoranthene	19.96	252	55862m	6.47	ng	
88) Benzo(k)fluoranthene	19.99	252	23523m	2.83	ng	
89) Benzo(a)pyrene	20.31	252	38701	4.86	ng	# 90
91) Benzo(g,h,i)perylene	22.11	276	17305	2.68	ng	# 83

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

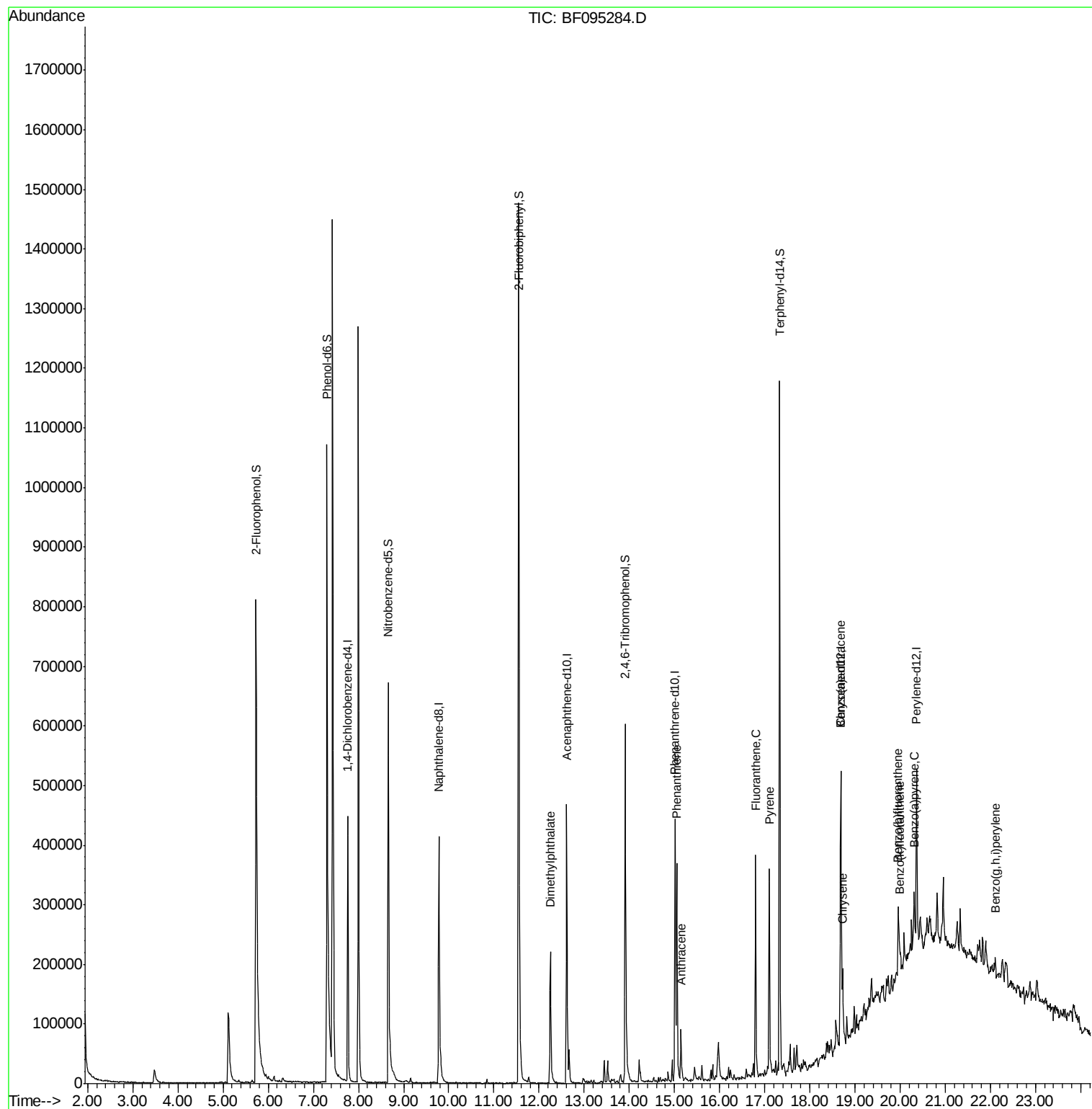
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095284.D
Acq On : 20 May 2017 2:28
Operator : SJ/MA
Sample : I3189-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

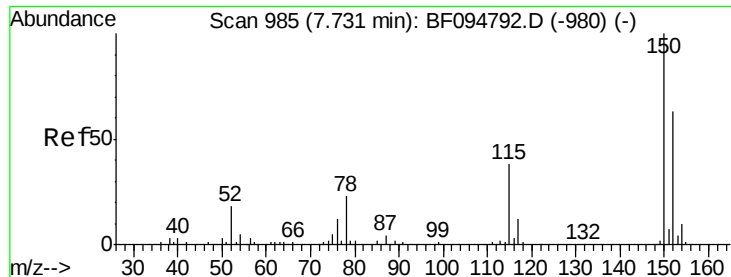
Instrument :
BNA_F
ClientSampleId :
TP-13-14

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#1

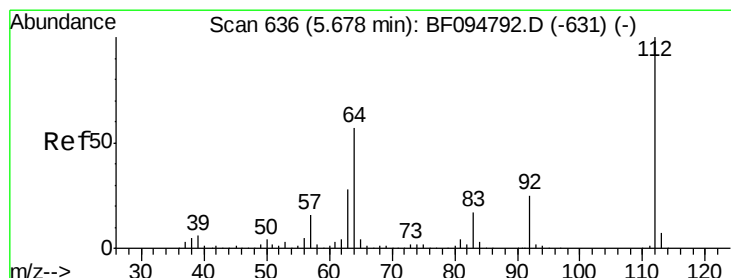
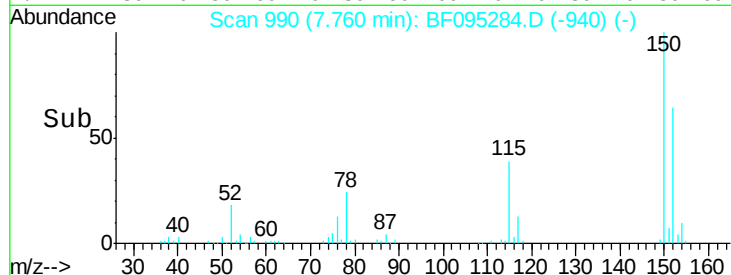
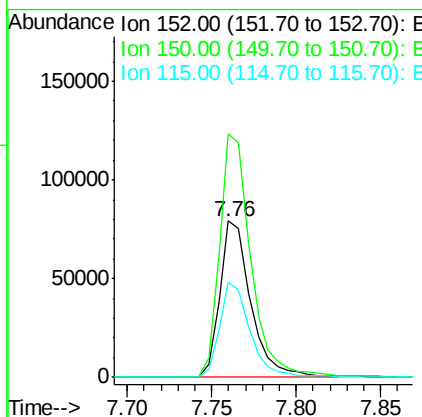
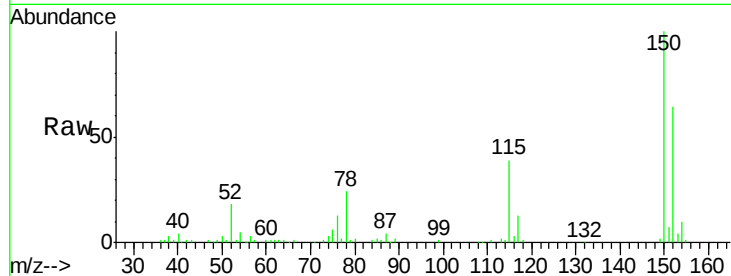
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :
TP-13-14

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		101372		
150	156.0	126.2	189.2		
115	61.3	52.2	78.2		

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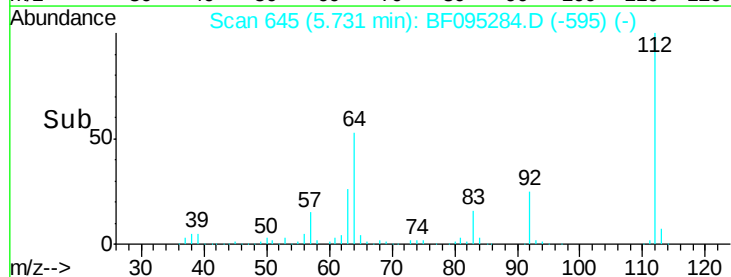
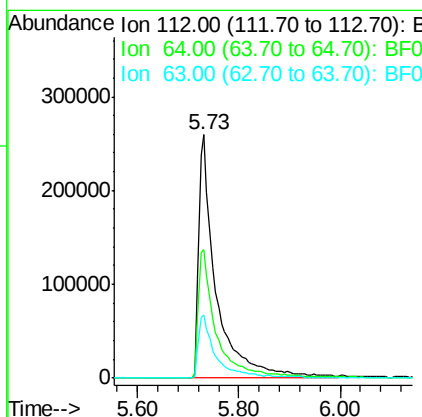
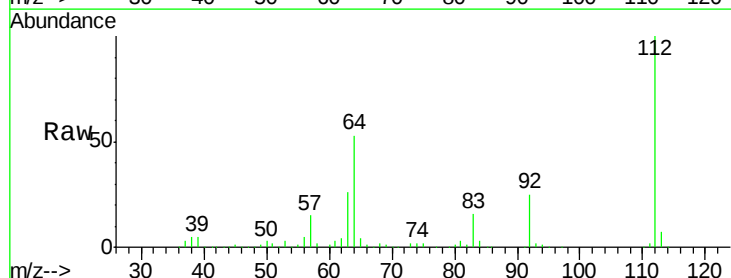
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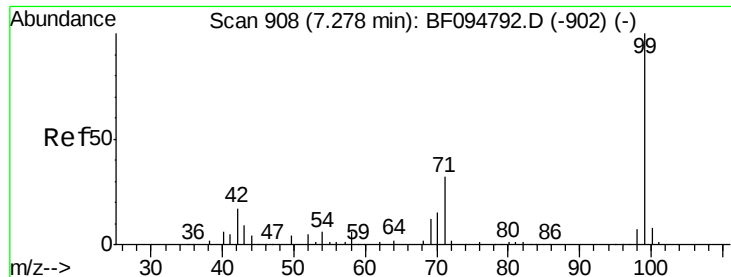


#5

2-Fluorophenol
Concen: 102.26 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		621784		
64	52.9	46.0	69.0		
63	25.8	23.4	35.0		





#7

Phenol-d6

Concen: 105.15 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095284.D

Acq: 20 May 2017 2:28

Instrument :

BNA_F

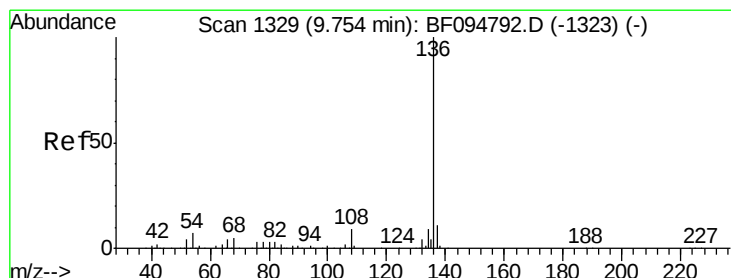
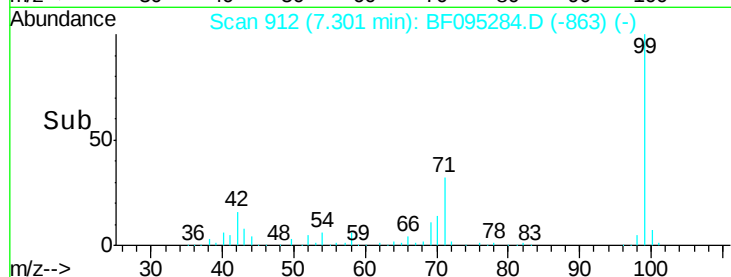
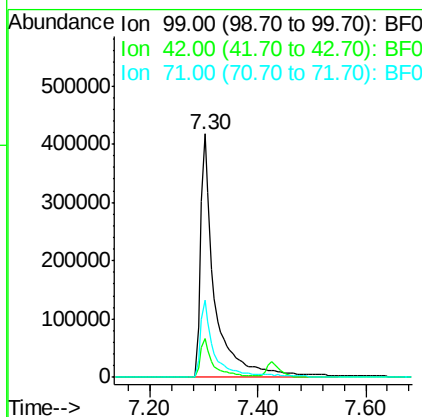
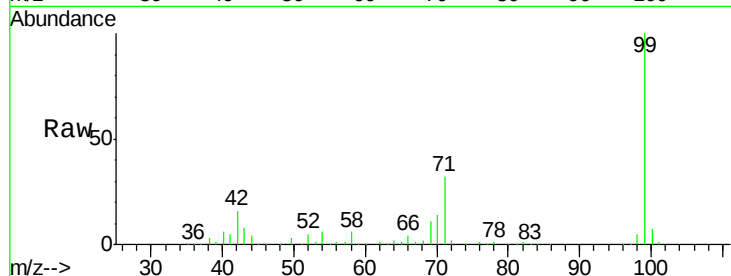
ClientSampled :

TP-13-14

Tgt Ion:	99	Resp:	767105
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	31.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

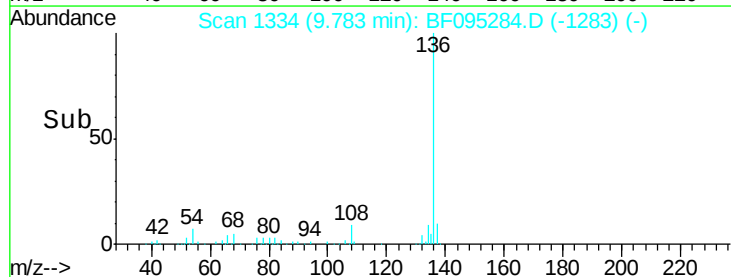
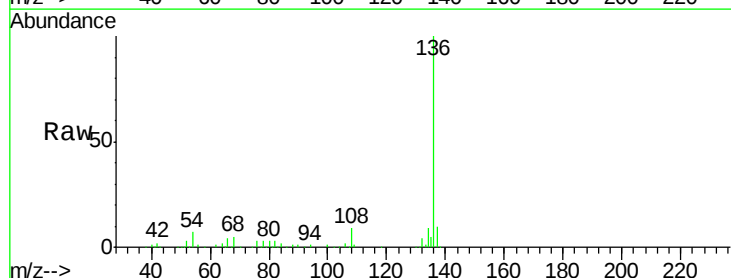
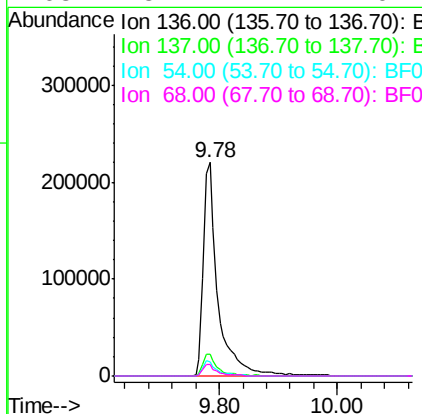
RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095284.D

Acq: 20 May 2017 2:28

Tgt Ion:	136	Resp:	380590
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	6.5	4.9	7.3
68	5.4	4.1	6.1





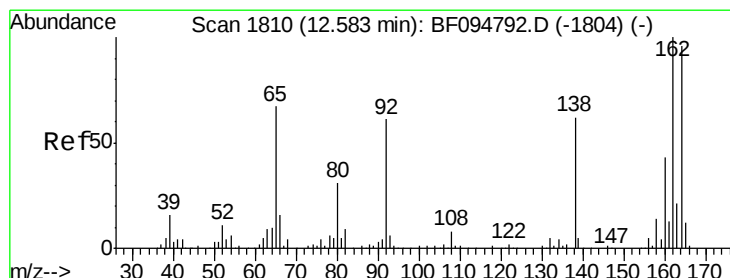
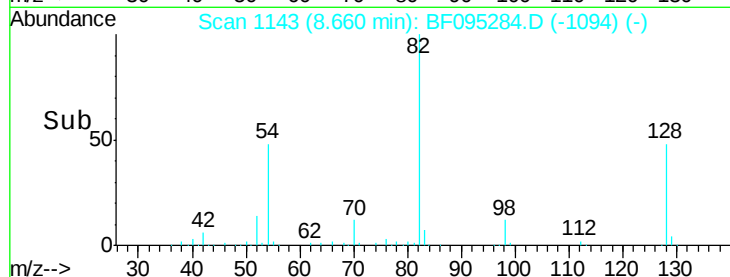
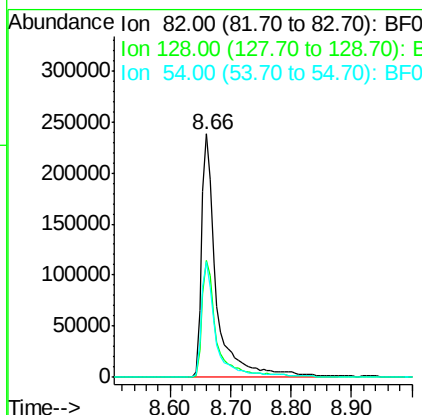
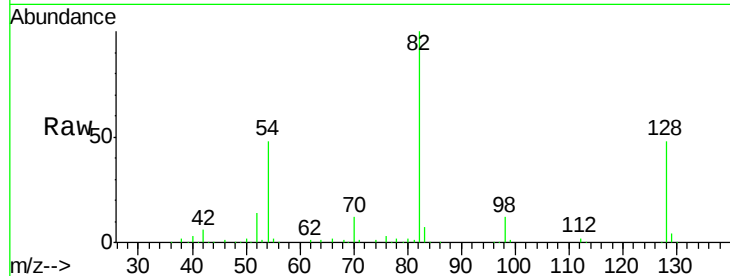
#23
 Nitrobenzene-d5
 Concen: 68.80 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095284.D
 Acq: 20 May 2017 2:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	47.5	42.2	63.2

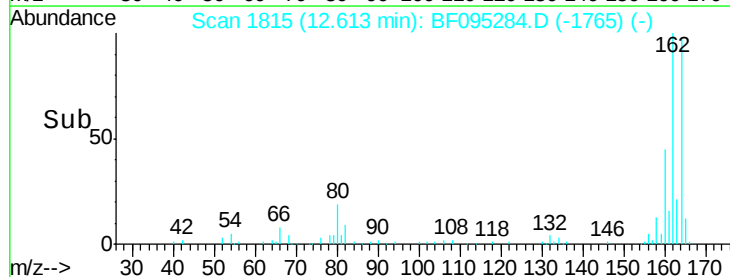
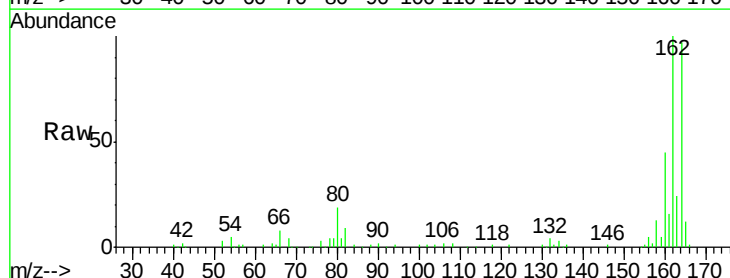
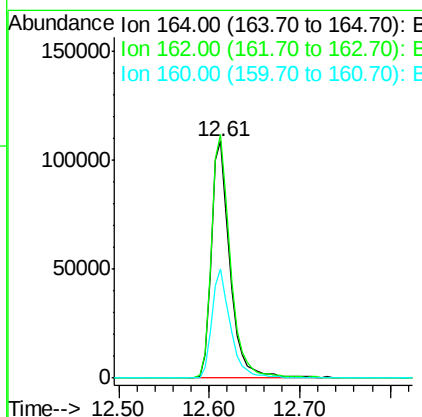
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095284.D
 Acq: 20 May 2017 2:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	46.0	36.2	54.2





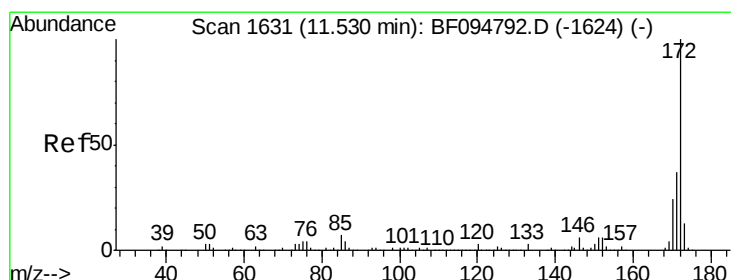
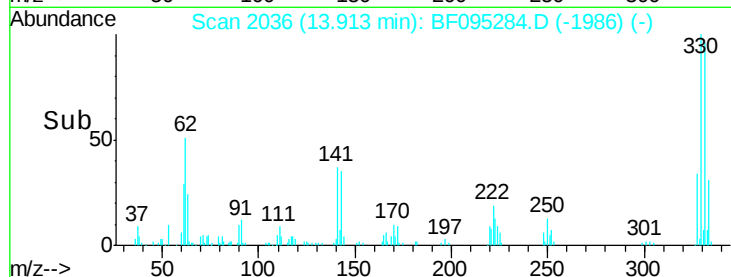
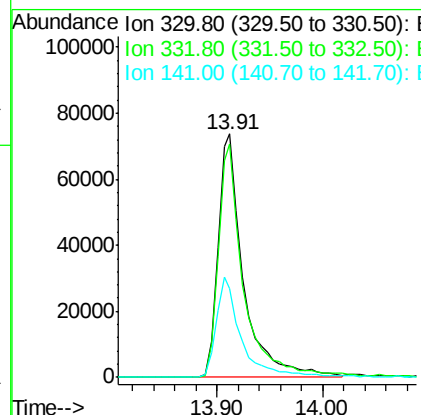
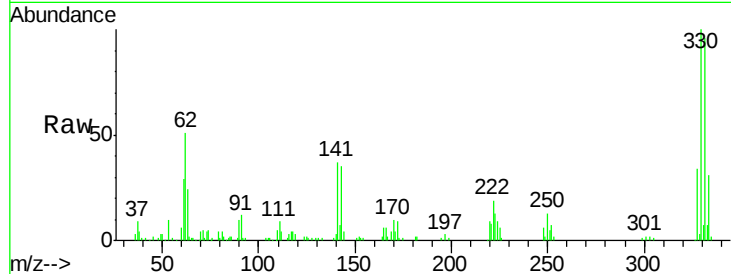
#41
 2,4,6-Tribromophenol
 Concen: 97.45 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095284.D
 Acq: 20 May 2017 2:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	124039		
332	96.1	76.6	115.0	
141	41.1	31.4	47.2	

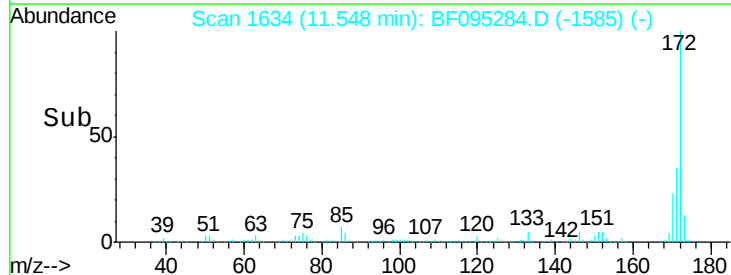
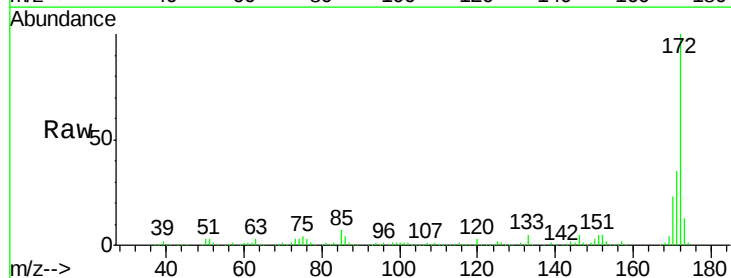
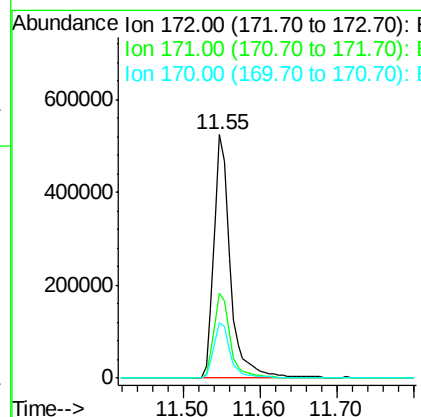
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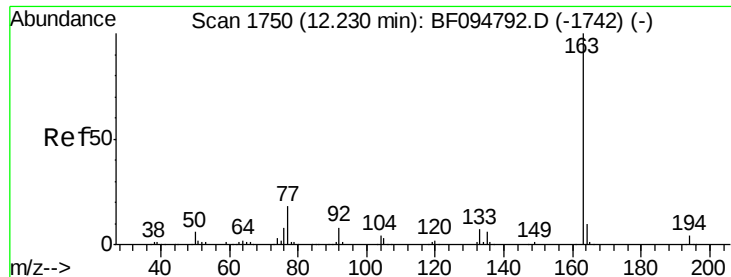
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#44
 2-Fluorobiphenyl
 Concen: 71.64 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095284.D
 Acq: 20 May 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	773597		
171	34.9	29.6	44.4	
170	22.7	19.8	29.8	





#49

Dimethylphthalate

Concen: 13.91 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095284.D

Acq: 20 May 2017 2:28

Instrument :

BNA_F

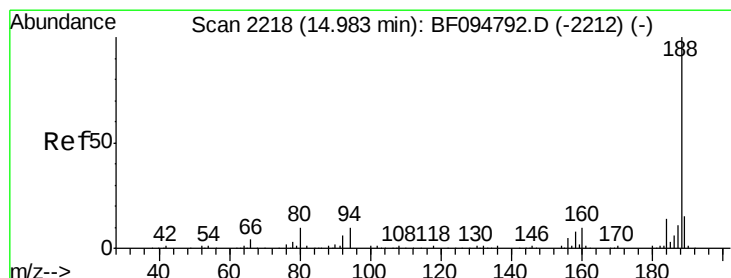
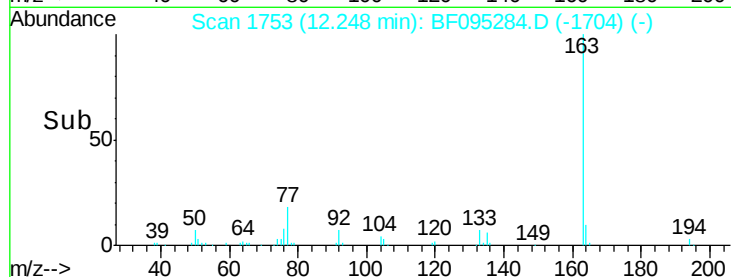
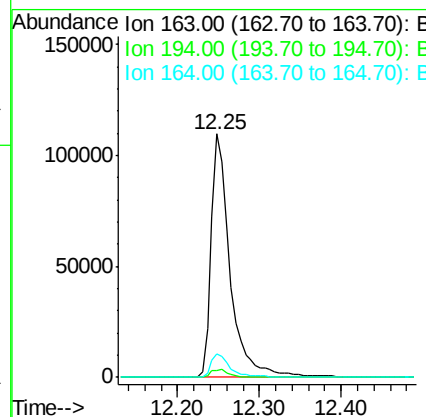
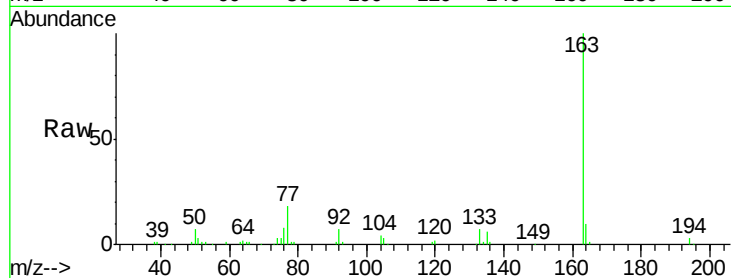
ClientSampleId :

TP-13-14

Tgt Ion:	163	Resp:	177433
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.6	4.0
164	9.6	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.00 ng

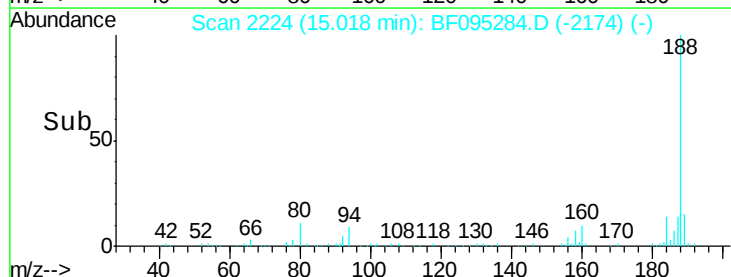
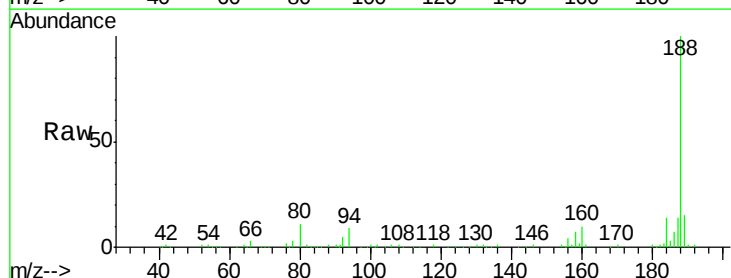
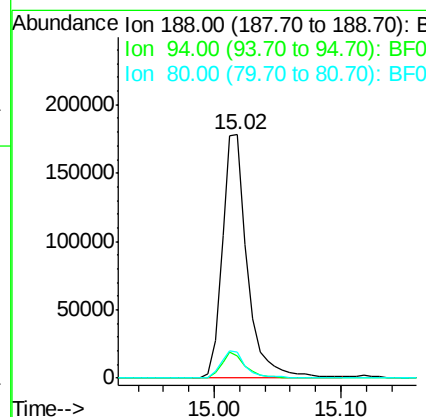
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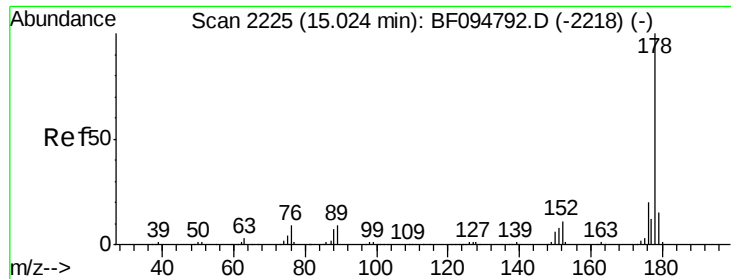
Delta R.T. -0.01 min

Lab File: BF095284.D

Acq: 20 May 2017 2:28

Tgt Ion:	188	Resp:	245759
Ion Ratio	Lower	Upper	
188	100		
94	9.3	9.4	14.2#
80	10.9	10.2	15.2





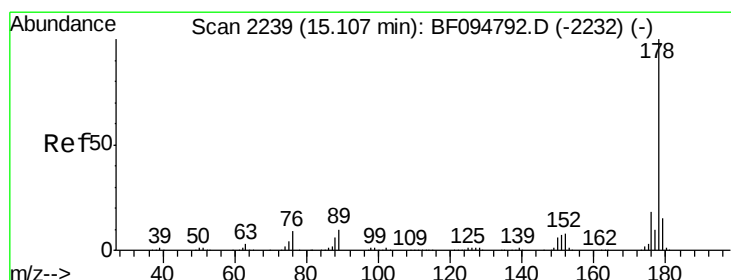
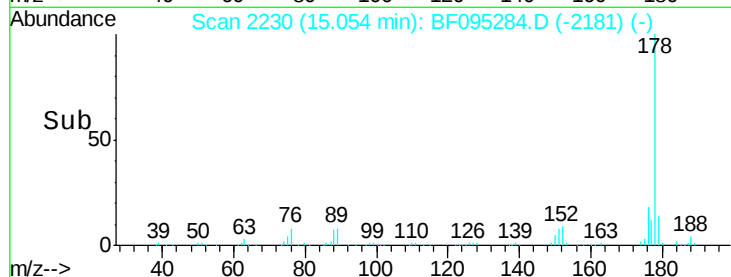
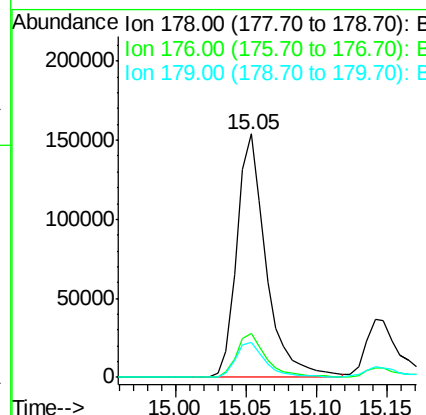
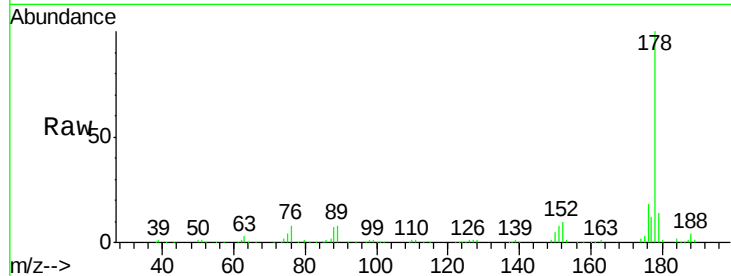
#70
Phenanthrene
Concen: 15.76 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :
TP-13-14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	222471		
176	18.0	16.2	24.4	
179	14.4	12.6	19.0	

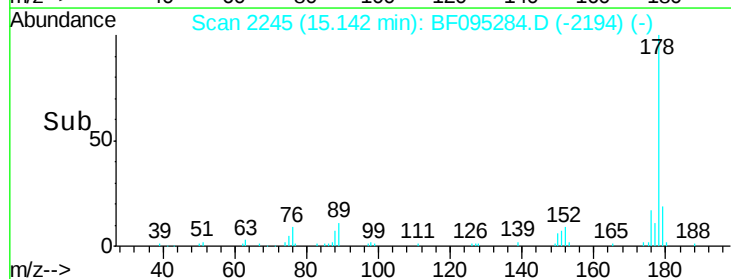
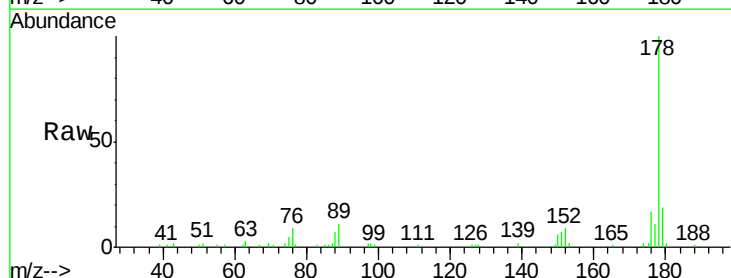
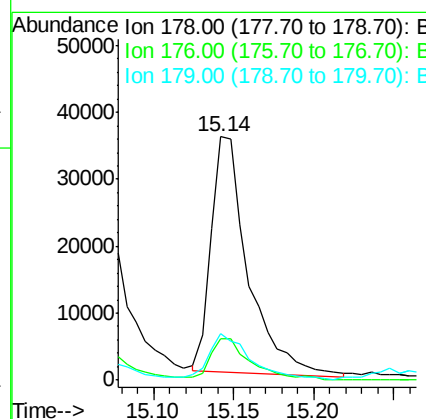
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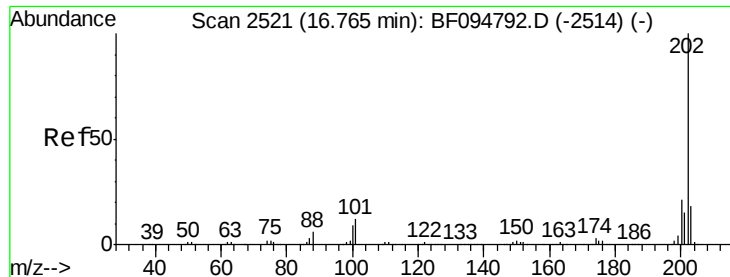
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#71
Anthracene
Concen: 3.92 ng m
RT: 15.14 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	56545		
176	16.8	15.8	23.8	
179	19.2	12.7	19.1	





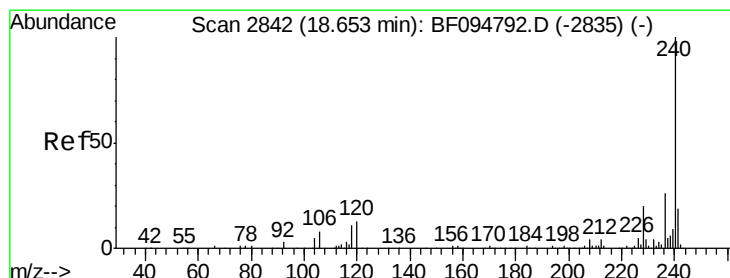
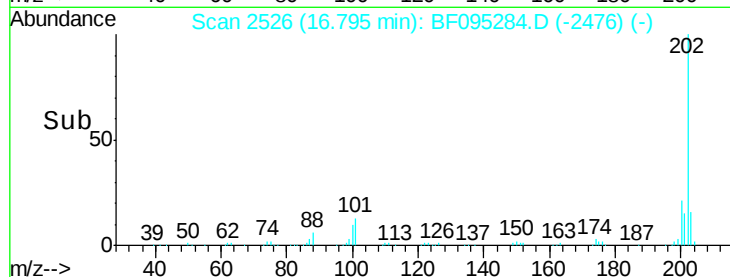
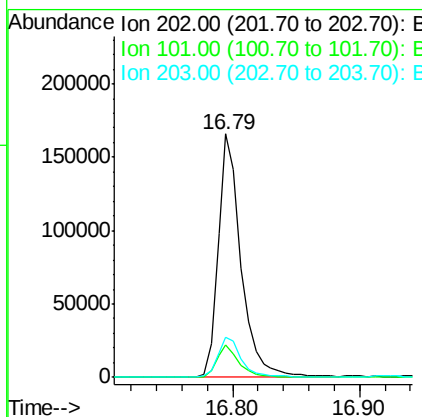
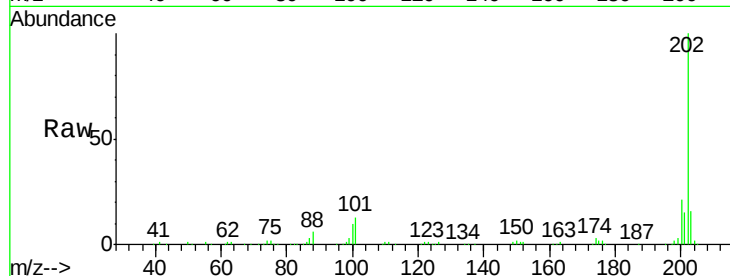
#74
Fluoranthene
 Concen: 14.44 ng
 RT: 16.79 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BF095284.D
 Acq: 20 May 2017 2:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-14

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	0.0	33.2
203	16.4	0.0	38.1

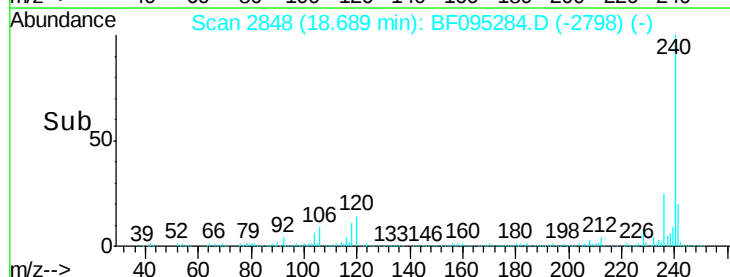
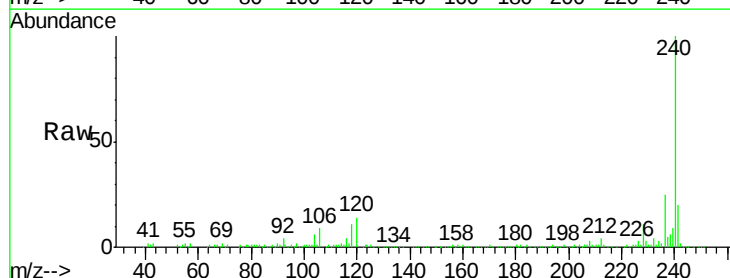
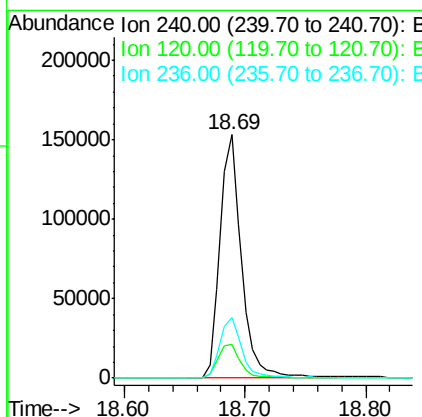
Manual Integrations
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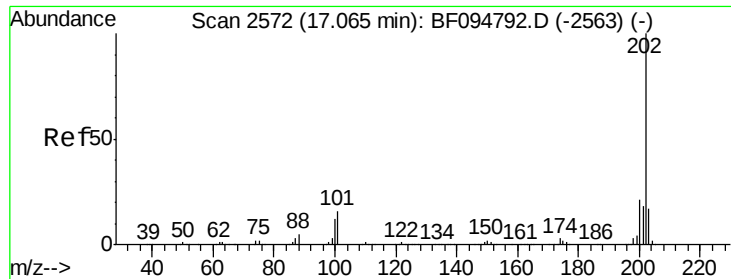
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095284.D
 Acq: 20 May 2017 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.0	5.8	8.8#
236	25.0	20.5	30.7





#77

Pyrene

Concen: 12.04 ng

RT: 17.10 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095284.D

Acq: 20 May 2017 2:28

Instrument :

BNA_F

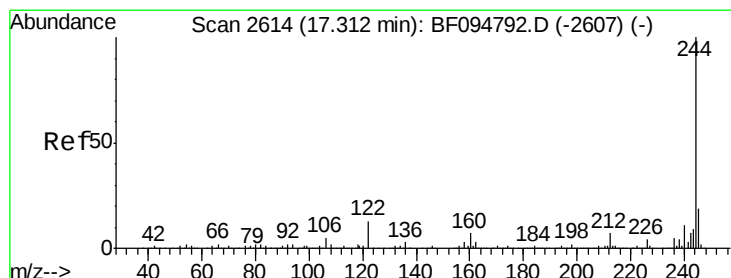
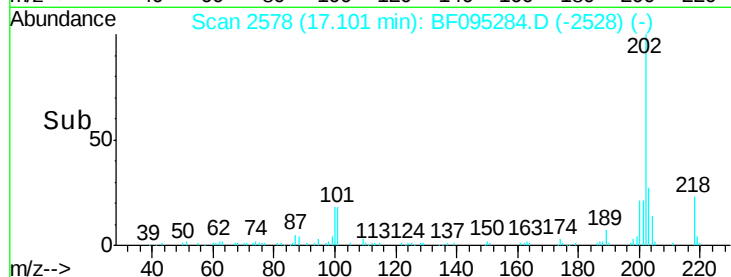
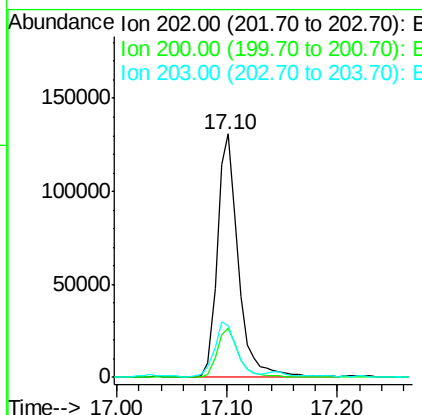
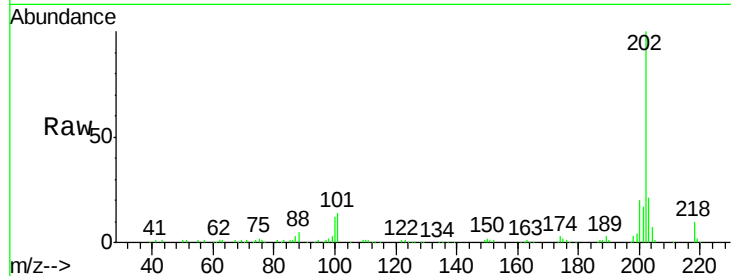
ClientSampleId :

TP-13-14

Tgt Ion:	202	Resp:	170554
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.6	26.4
203	21.0	14.4	21.6

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#78

Terphenyl-d14

Concen: 50.86 ng

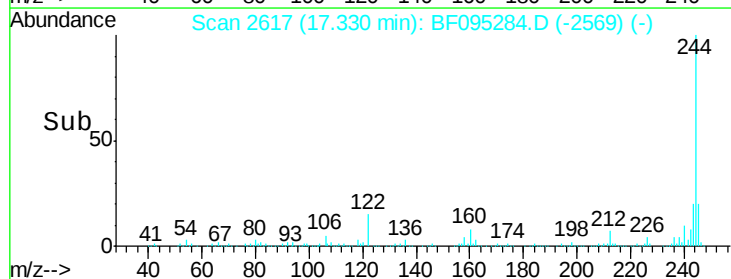
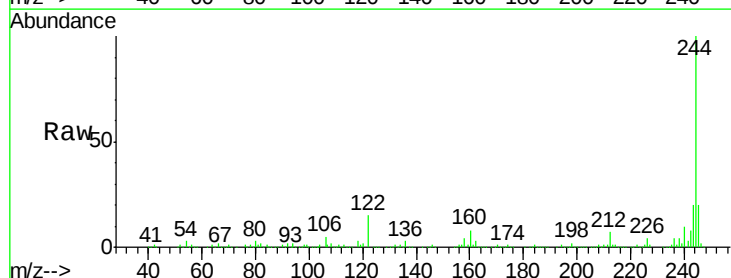
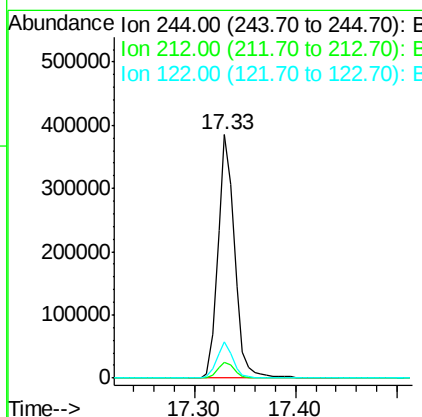
RT: 17.33 min Scan# 2617

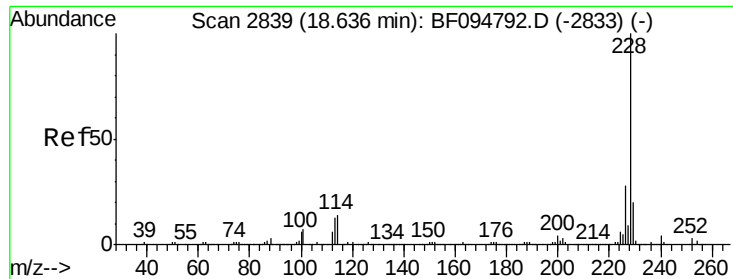
Delta R.T. -0.02 min

Lab File: BF095284.D

Acq: 20 May 2017 2:28

Tgt Ion:	244	Resp:	437468
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.0	9.0
122	14.9	10.3	15.5





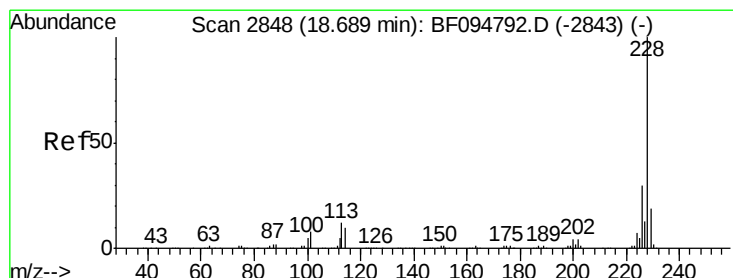
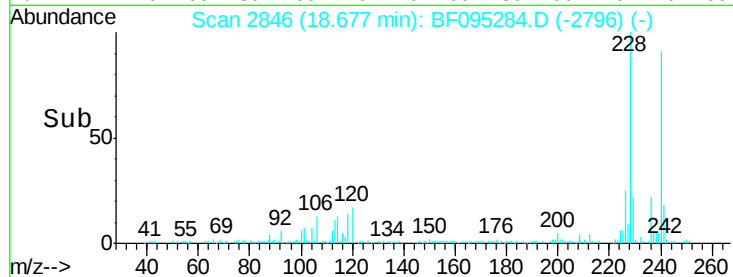
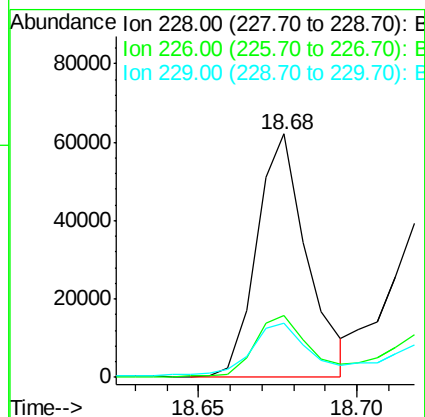
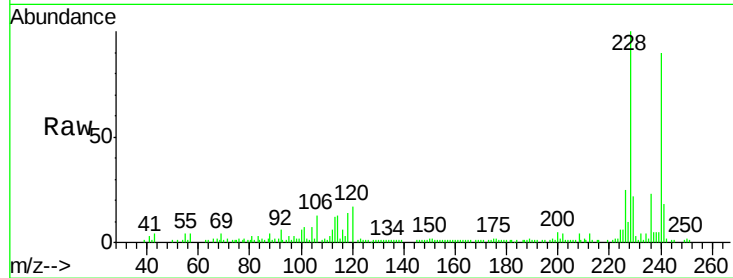
#80
Benzo(a)anthracene
Concen: 6.23 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampleId :
TP-13-14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.2	22.6	33.8
229	22.4	16.3	24.5

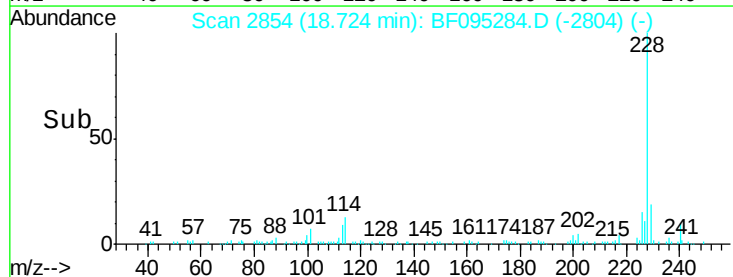
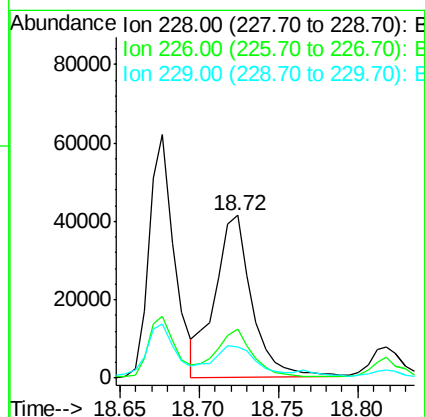
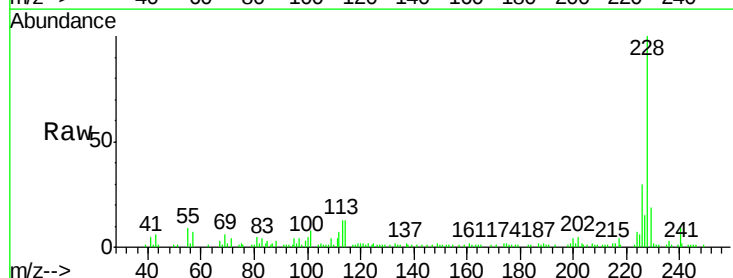
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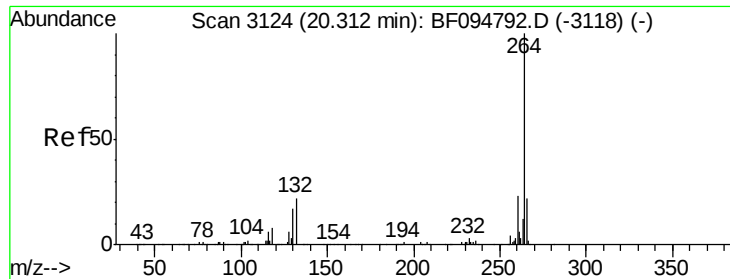
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#82
Chrysene
Concen: 6.31 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.3	15.8	23.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 20.37 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095284.D

Acq: 20 May 2017 2:28

Instrument :

BNA_F

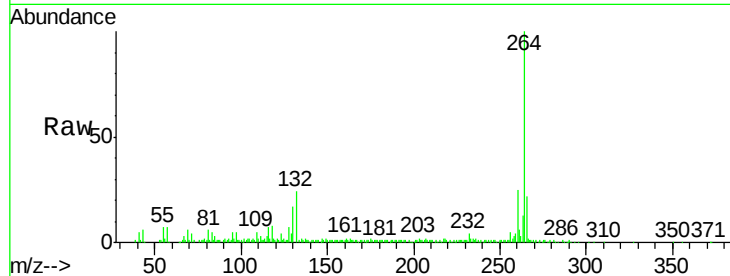
ClientSampleId :

TP-13-14

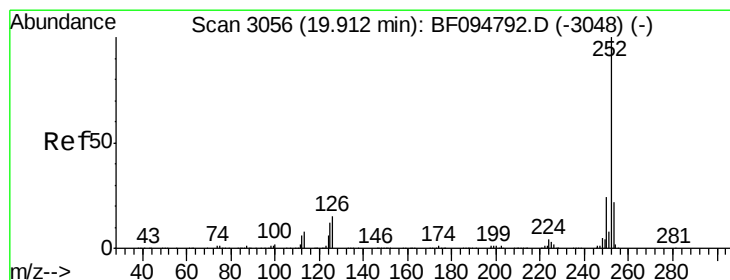
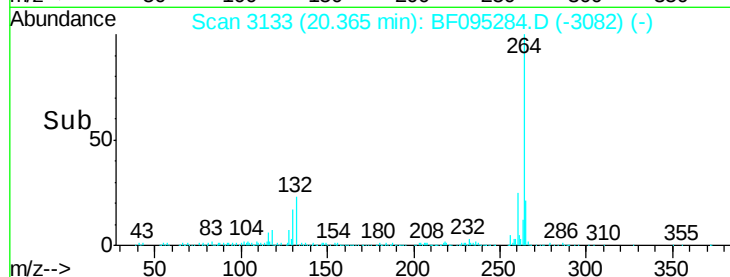
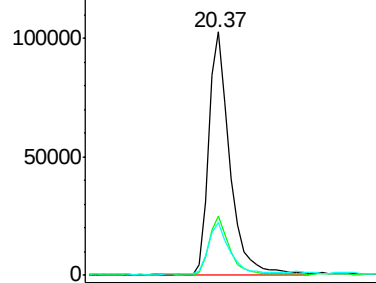
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	139657		
260	24.6	19.5	29.3	
265	21.9	17.2	25.8	

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 6.47 ng m

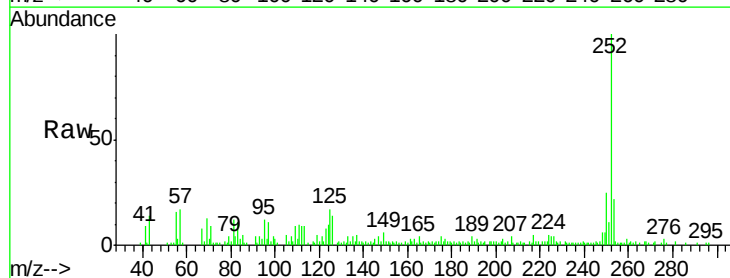
RT: 19.96 min Scan# 3064

Delta R.T. 0.00 min

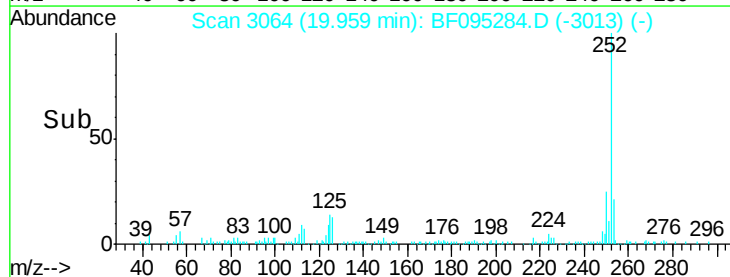
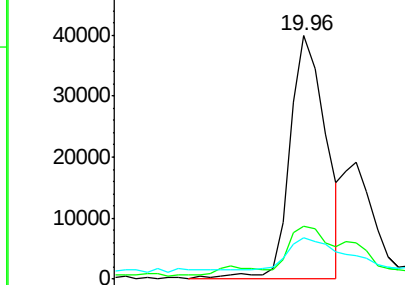
Lab File: BF095284.D

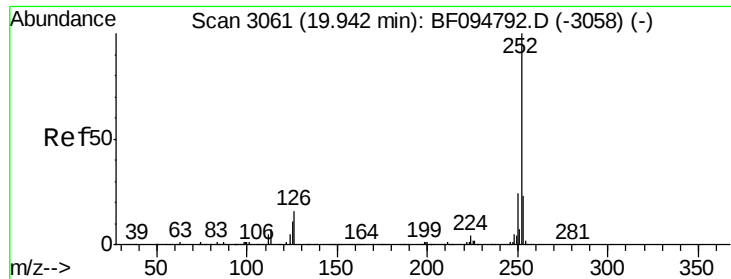
Acq: 20 May 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	55862		
253	21.9	18.1	27.1	
125	17.1	9.8	14.8	



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





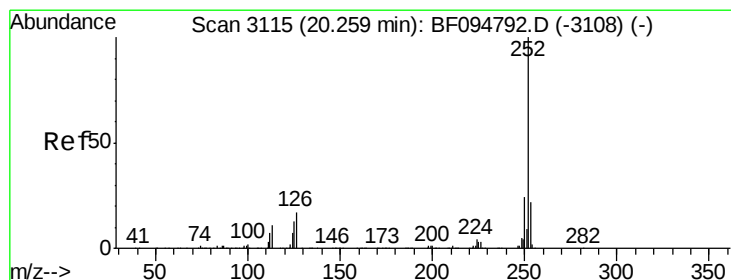
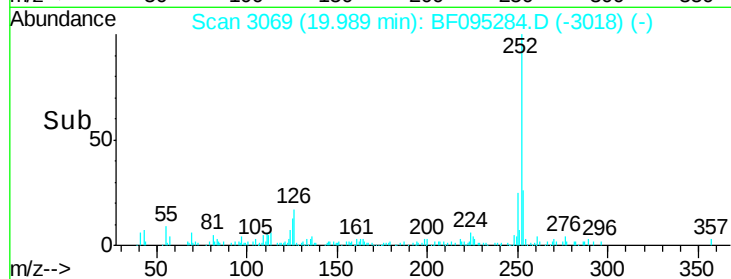
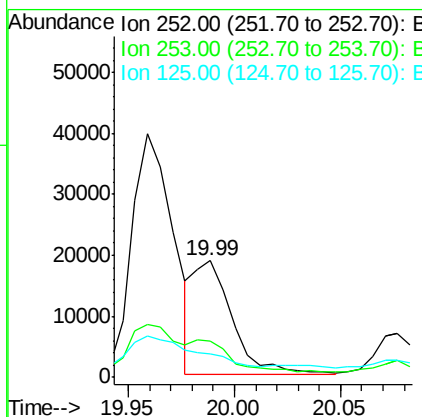
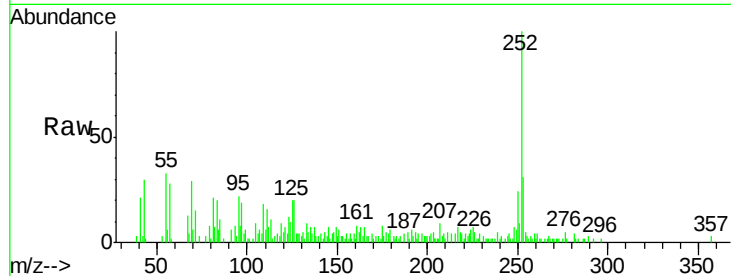
#88
Benzo(k)fluoranthene
Concen: 2.83 ng m
RT: 19.99 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Instrument :
BNA_F
ClientSampled :
TP-13-14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.0	18.4	27.6#
125	19.7	13.1	19.7#

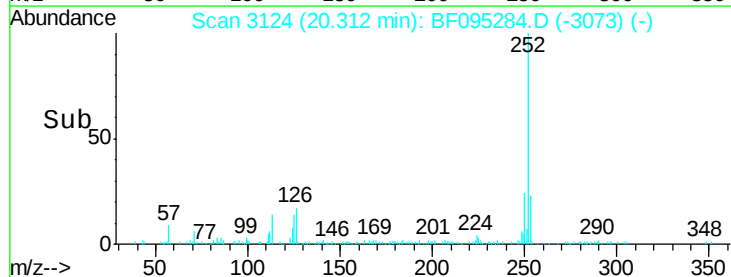
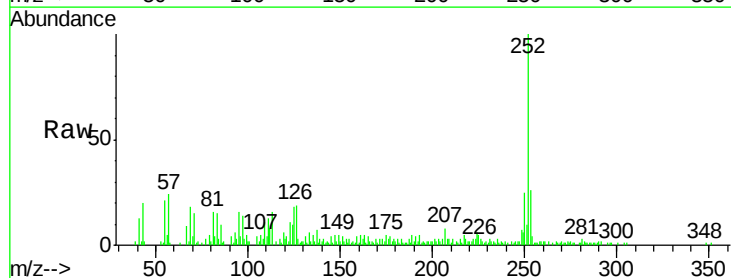
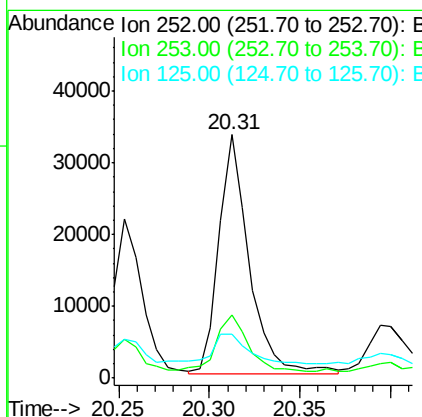
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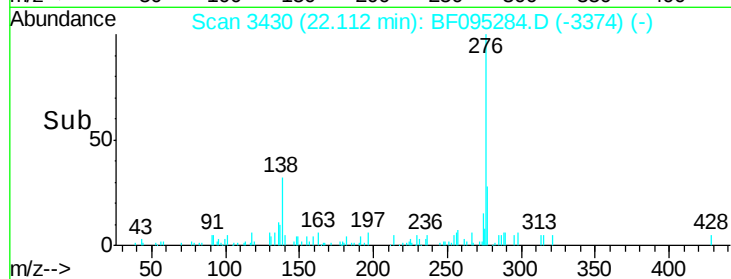
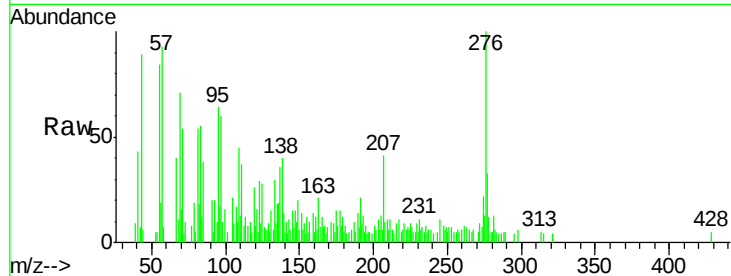
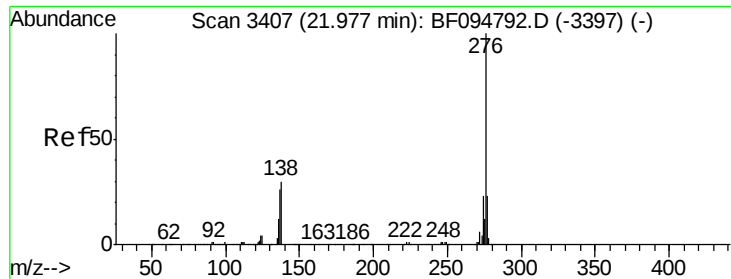
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#89
Benzo(a)pyrene
Concen: 4.86 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095284.D
Acq: 20 May 2017 2:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.5	26.3
125	18.2	11.0	16.4#





#91

Benzo(g,h,i)perylene

Concen: 2.68 ng

RT: 22.11 min Scan# 3430

Delta R.T. 0.03 min

Lab File: BF095284.D

Acq: 20 May 2017 2:28

Instrument :

BNA_F

ClientSampleId :

TP-13-14

Tgt Ion: 276 Resp: 17305

Ion Ratio Lower Upper

276 100

277 32.9 18.6 28.0#

138 40.4 25.4 38.0#

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