

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095412.D
 Acq On : 25 May 2017 7:13
 Operator : SJ/MA
 Sample : I3300-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-ESW

Manual Integrations
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Quant Time: May 25 08:31:19 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	7.75	152	83204	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	300580	20.00	ng	-0.01
38) Acenaphthene-d10	12.61	164	121595	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	203260	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	188138	20.00	ng	-0.01
86) Perylene-d12	20.36	264	124896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	458164	91.81	ng	-0.01
7) Phenol-d6	7.30	99	547079	91.36	ng	-0.01
23) Nitrobenzene-d5	8.65	82	365359	76.65	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	78477	78.81	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	660497	78.18	ng	-0.02
78) Terphenyl-d14	17.32	244	474221	55.52	ng	-0.02
Target Compounds						
48) Acenaphthylene	12.38	152	43000	3.32	ng	Qvalue 97
49) Dimethylphthalate	12.25	163	100367	10.05	ng	# 96
70) Phenanthrene	15.05	178	112616	9.64	ng	98
74) Fluoranthene	16.79	202	105799	8.83	ng	98
77) Pyrene	17.09	202	192478	13.68	ng	98
80) Benzo(a)anthracene	18.67	228	45825m	4.19	ng	
82) Chrysene	18.71	228	53354	5.04	ng	95
85) Indeno(1,2,3-cd)pyrene	21.71	276	26441	3.08	ng	99
87) Benzo(b)fluoranthene	19.96	252	47523m	6.16	ng	
89) Benzo(a)pyrene	20.31	252	41710	5.86	ng	# 94
91) Benzo(g,h,i)perylene	22.09	276	35373	6.13	ng	95

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

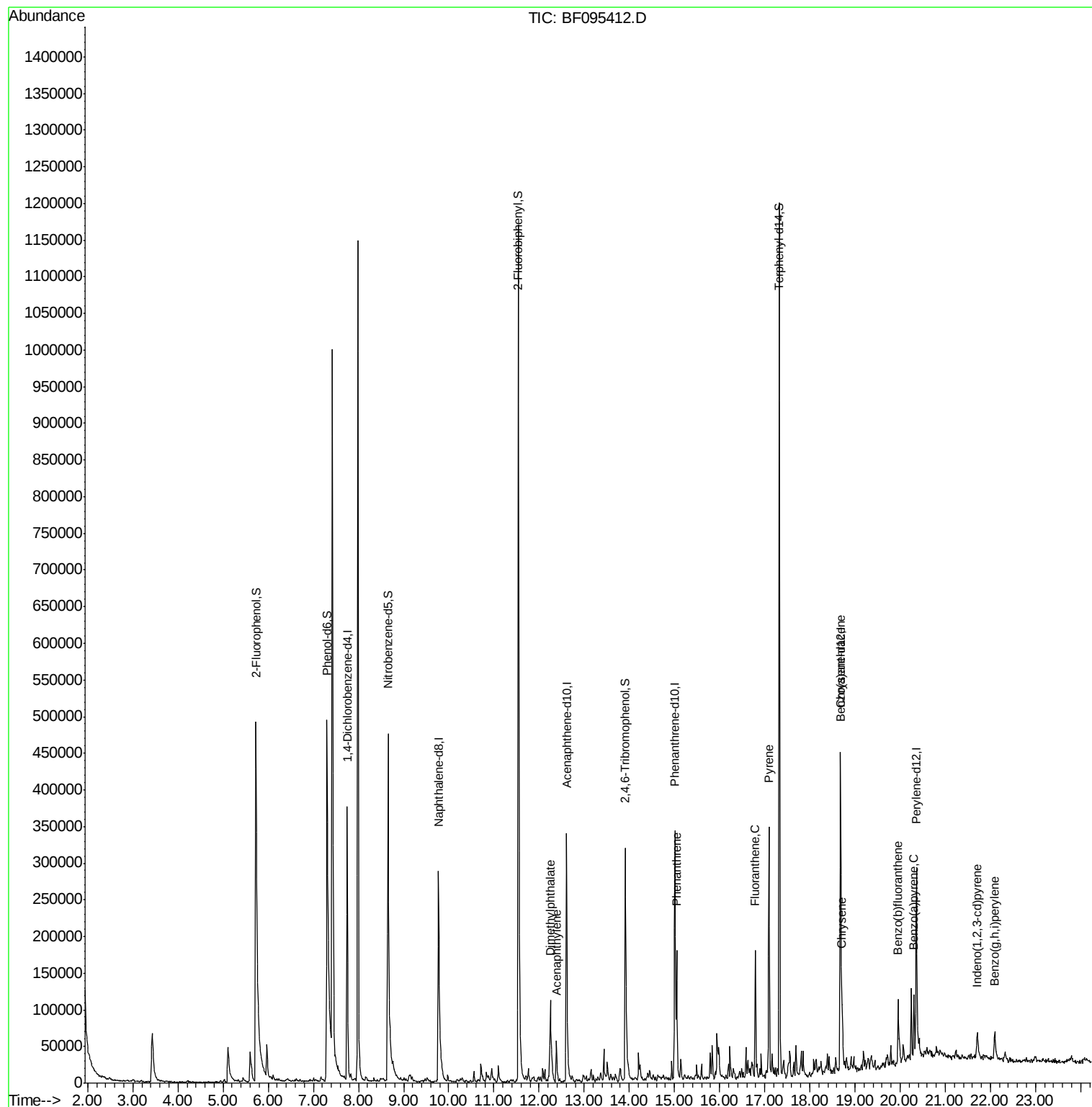
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095412.D
Acq On : 25 May 2017 7:13
Operator : SJ/MA
Sample : I3300-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

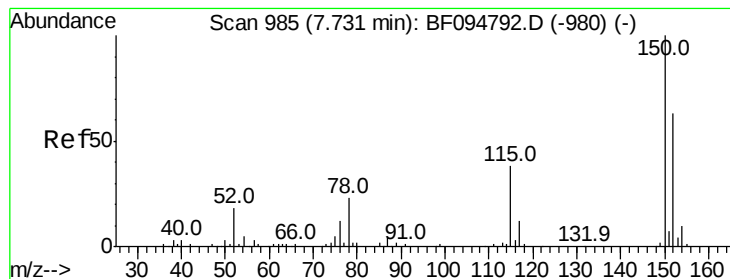
Instrument :
BNA_F
ClientSampleId :
E2-T11-ESW

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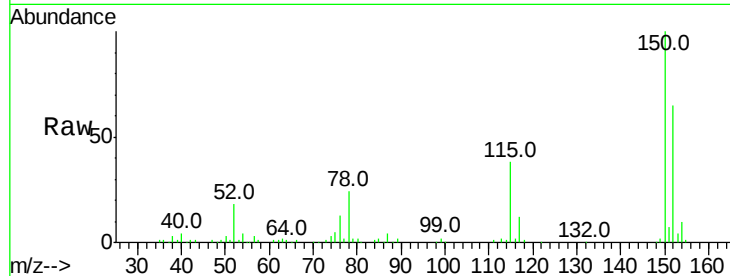
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.75 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BF095412.D
 Acq: 25 May 2017 7:13

Instrument :
 BNA_F
 ClientSampled :
 E2-T11-ESW

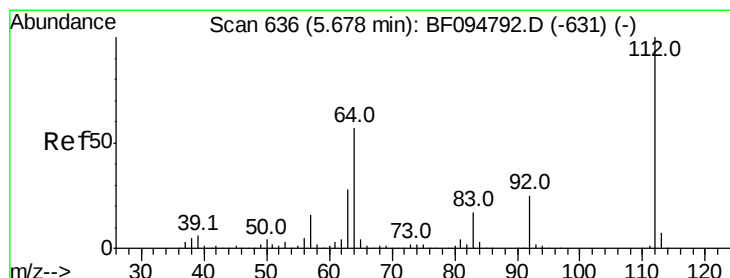
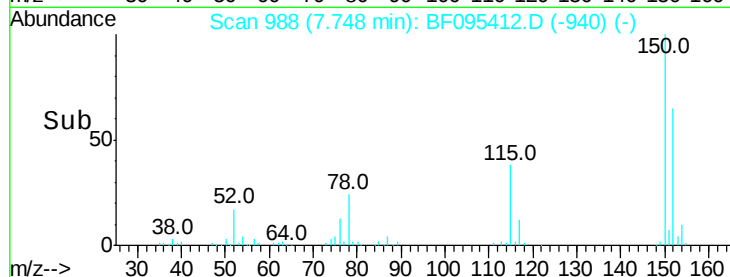
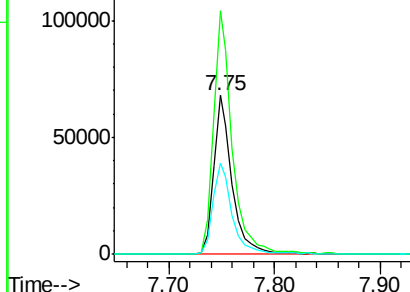
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.2	189.2
115	57.8	52.2	78.2

Manual Integrations
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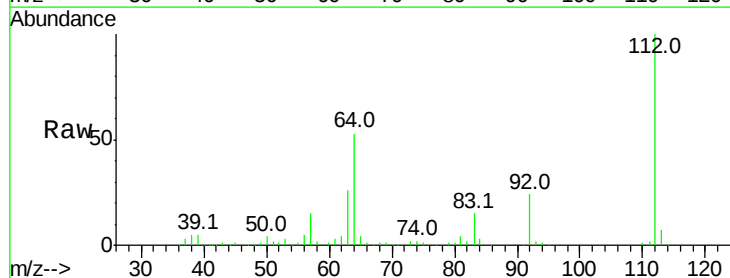


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

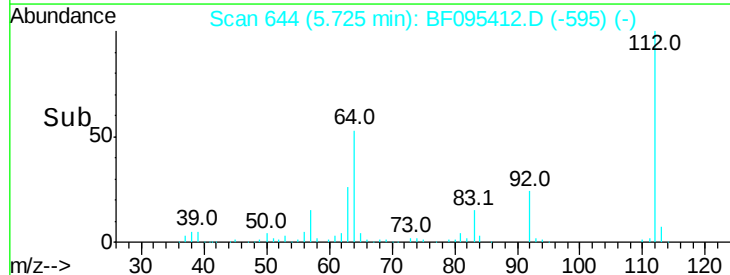
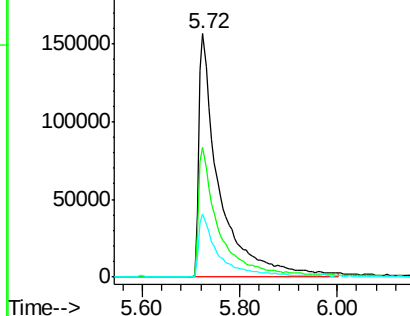


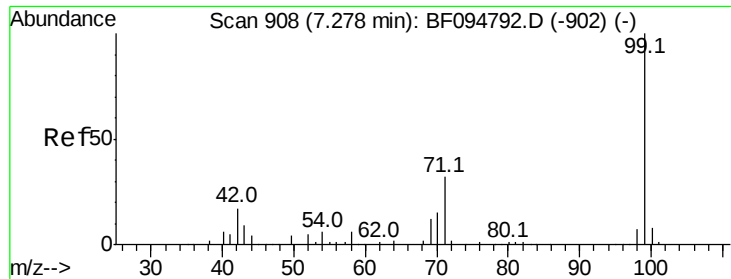
#5
 2-Fluorophenol
 Concen: 91.81 ng
 RT: 5.72 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF095412.D
 Acq: 25 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.0	69.0
63	25.9	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.36 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095412.D

Acq: 25 May 2017 7:13

Instrument :

BNA_F

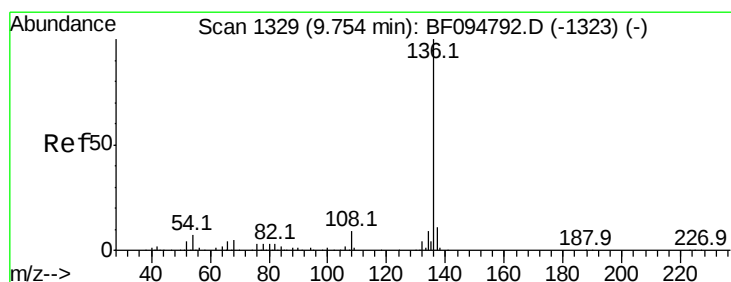
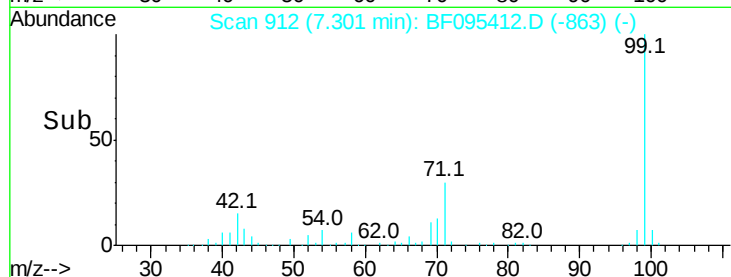
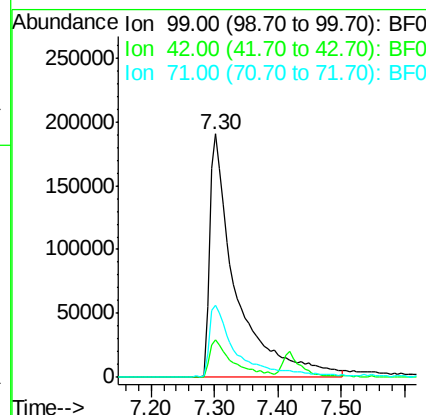
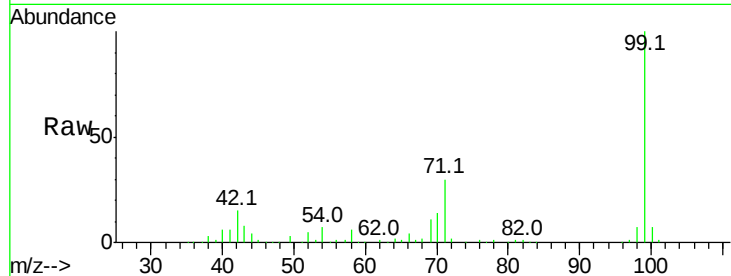
ClientSampled :

E2-T11-ESW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		547079		
42	15.3	13.5	20.3		
71	29.7	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

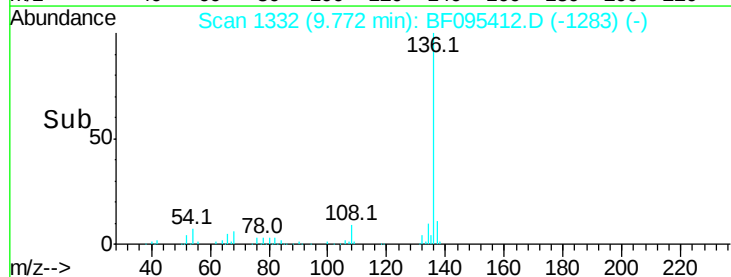
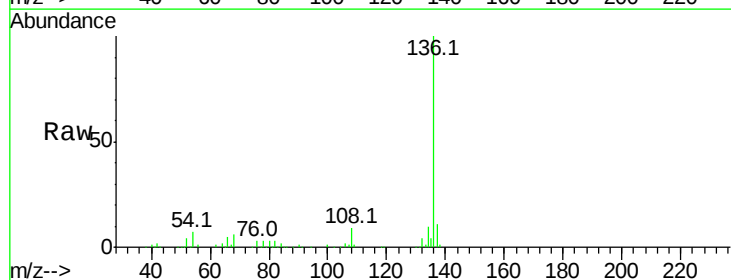
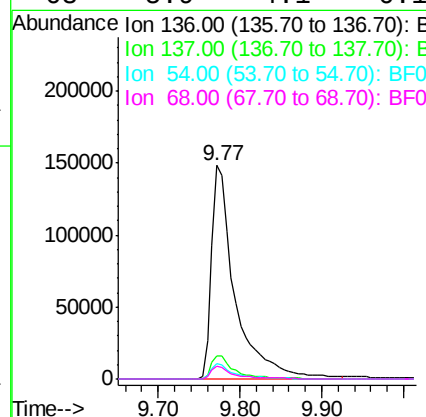
RT: 9.77 min Scan# 1332

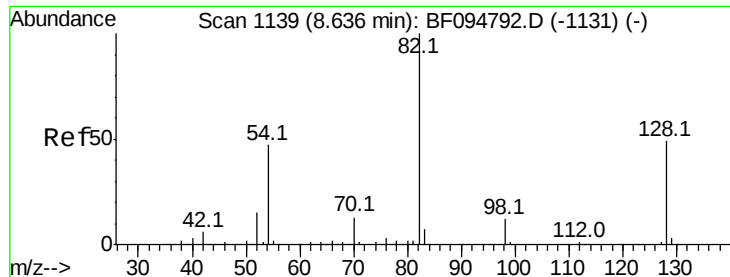
Delta R.T. -0.01 min

Lab File: BF095412.D

Acq: 25 May 2017 7:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		300580		
137	10.8	8.5	12.7		
54	7.2	4.9	7.3		
68	5.9	4.1	6.1		





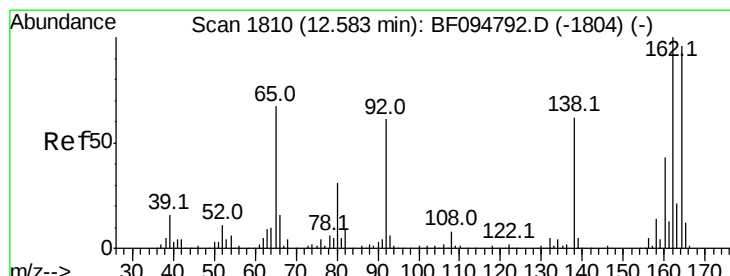
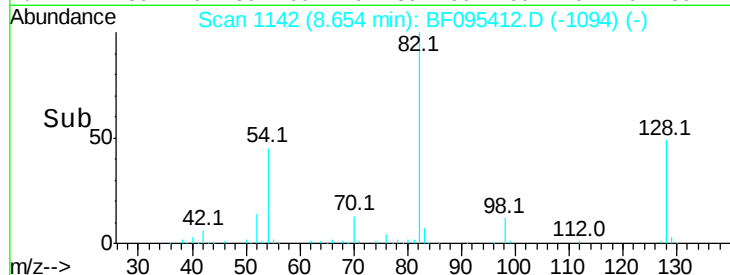
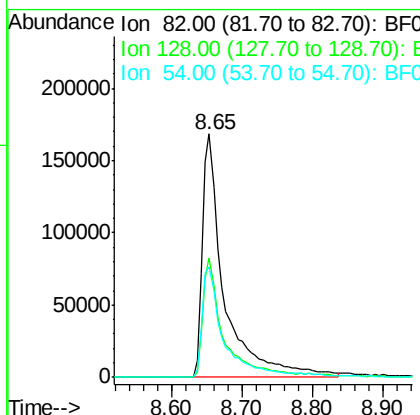
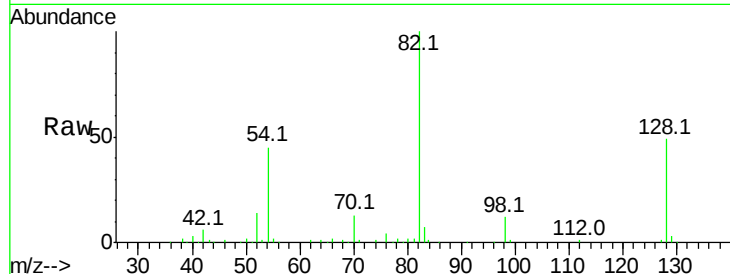
#23
Nitrobenzene-d5
Concen: 76.65 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095412.D
Acq: 25 May 2017 7:13

Instrument :
BNA_F
ClientSampleId :
E2-T11-ESW

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.1	34.0	51.0	
54	45.4	42.2	63.2	

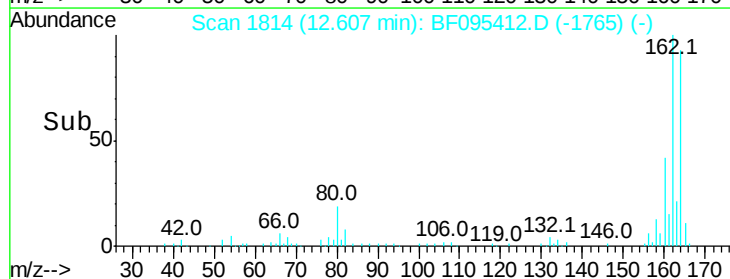
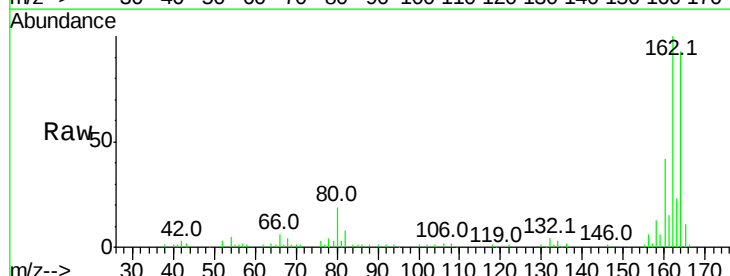
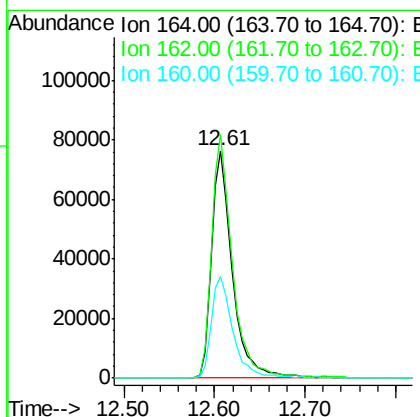
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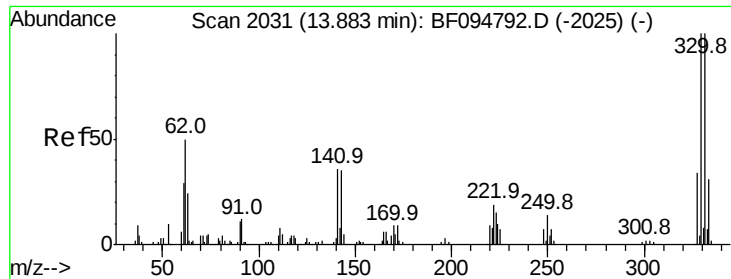
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF095412.D
Acq: 25 May 2017 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.3	82.6	123.8	
160	44.6	36.2	54.2	





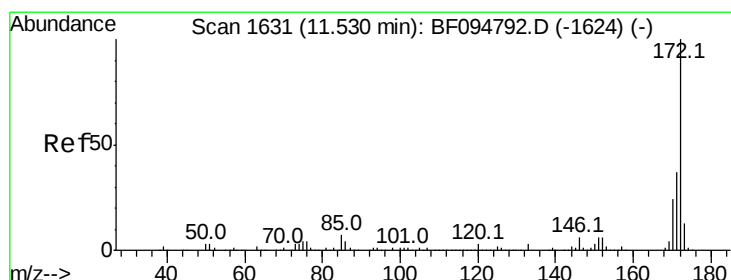
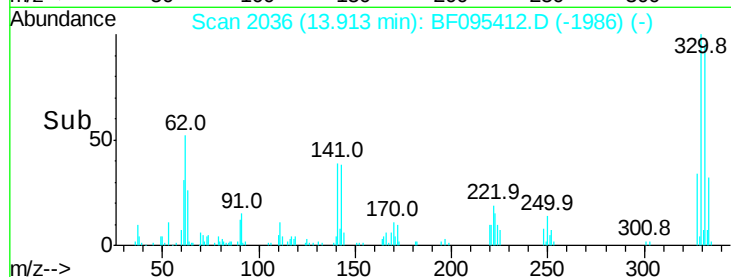
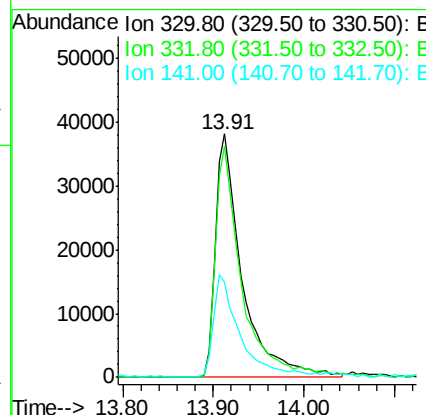
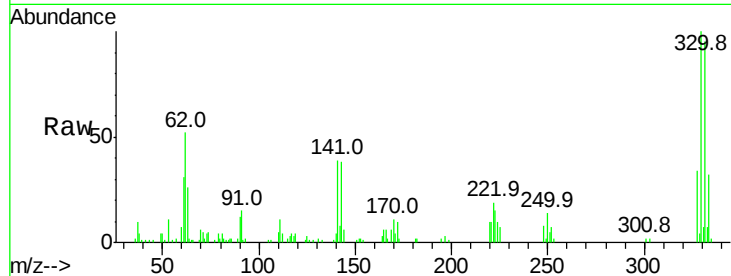
#41
 2,4,6-Tribromophenol
 Concen: 78.81 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095412.D
 Acq: 25 May 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-ESW

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	76.6	115.0
141	41.7	31.4	47.2

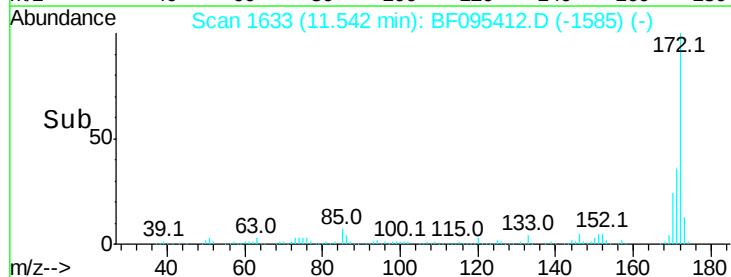
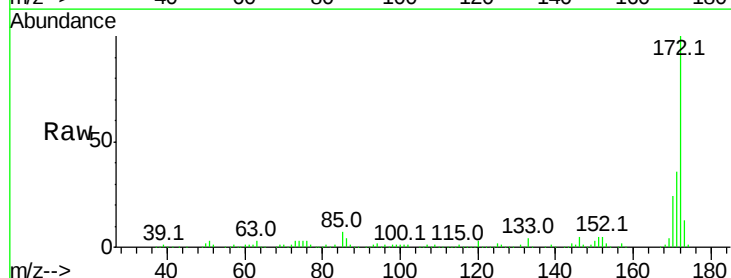
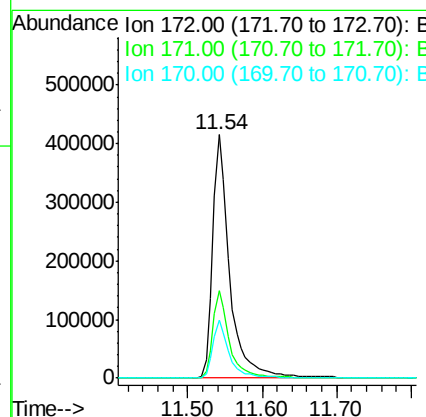
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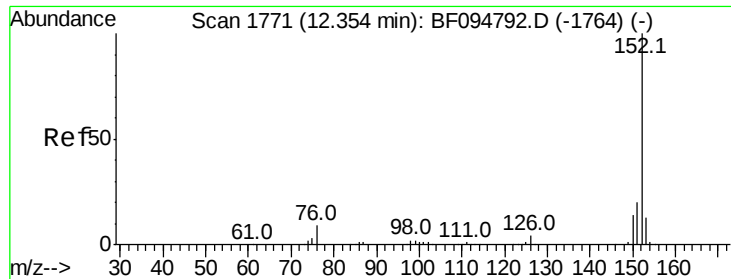
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#44
 2-Fluorobiphenyl
 Concen: 78.18 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095412.D
 Acq: 25 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.6	19.8	29.8





#48

Acenaphthylene

Concen: 3.32 ng

RT: 12.38 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF095412.D

Acq: 25 May 2017 7:13

Instrument :

BNA_F

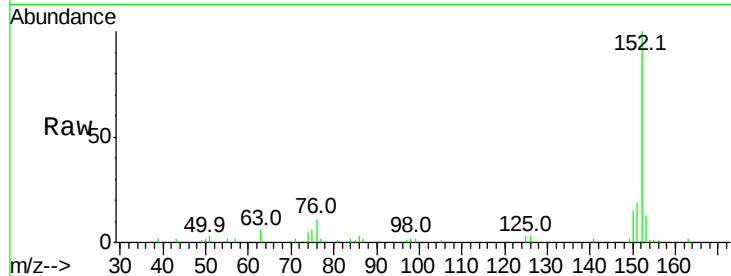
ClientSampleId :

E2-T11-ESW

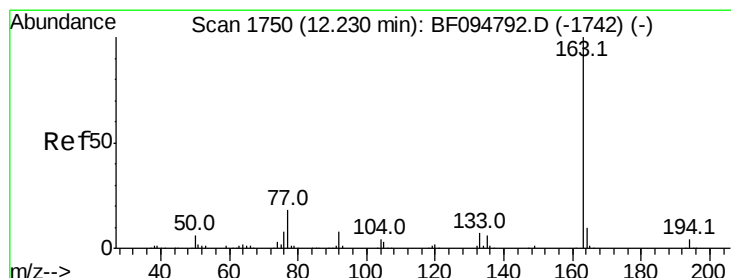
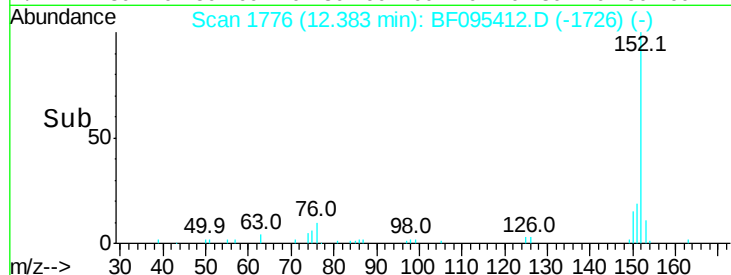
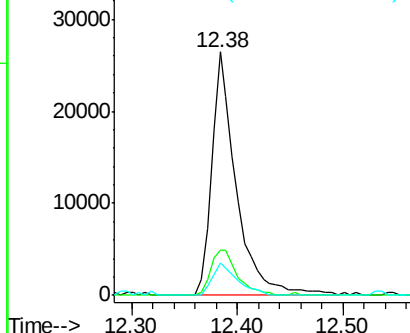
Tot Ion:	152	Resp:	43000
Ion Ratio	Lower	Upper	
152	100		
151	18.6	16.8	25.2
153	13.3	10.8	16.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 10.05 ng

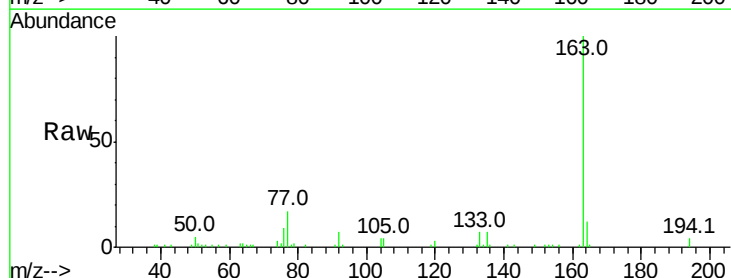
RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

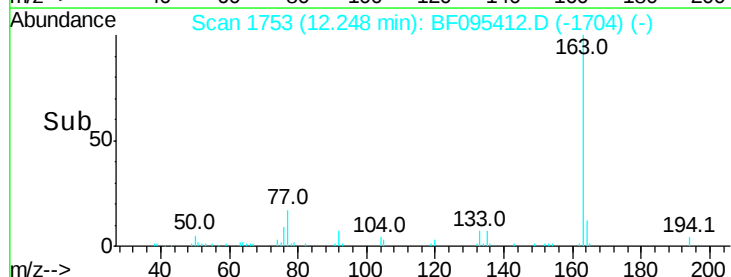
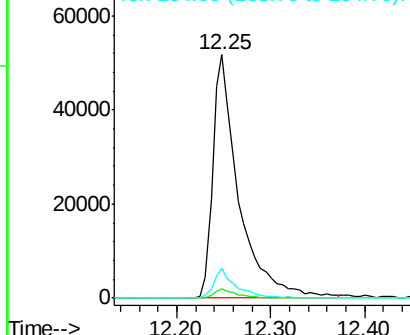
Lab File: BF095412.D

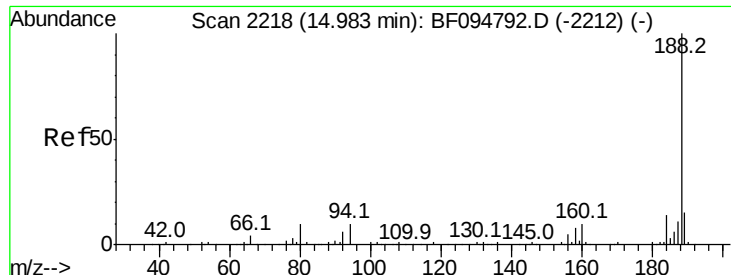
Acq: 25 May 2017 7:13

Tgt Ion:	163	Resp:	100367
Ion Ratio	Lower	Upper	
163	100		
194	4.1	2.6	4.0#
164	12.0	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





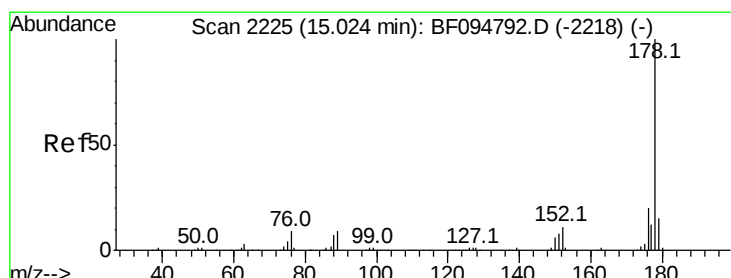
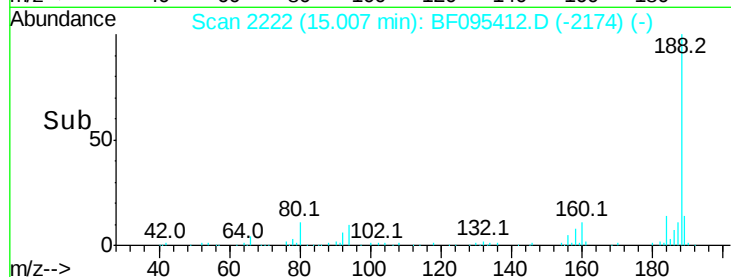
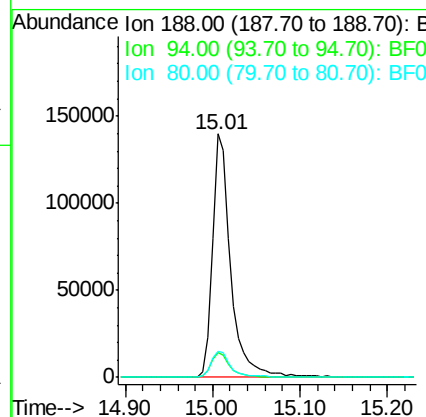
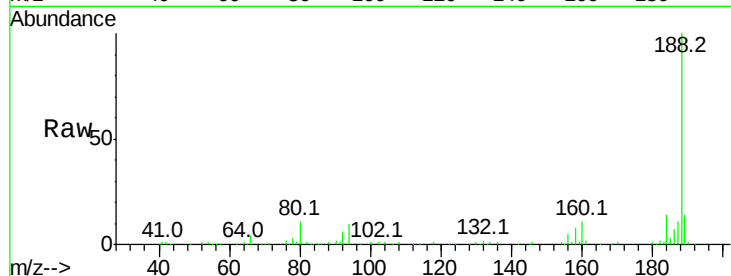
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095412.D
Acq: 25 May 2017 7:13

Instrument :
BNA_F
ClientSampleId :
E2-T11-ESW

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.9	10.2	15.2

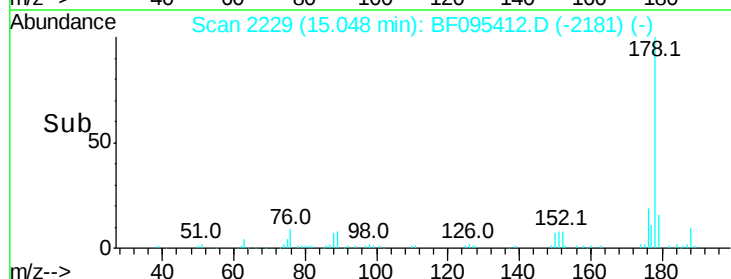
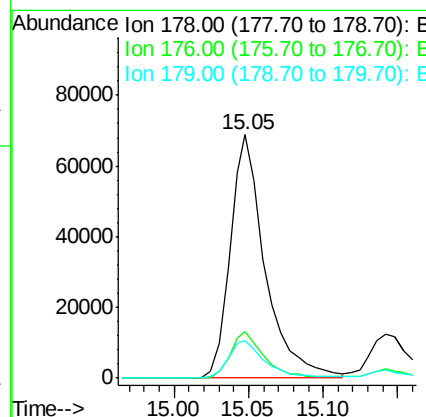
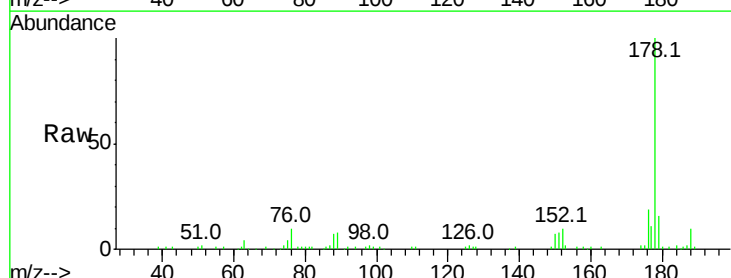
Manual Integrations
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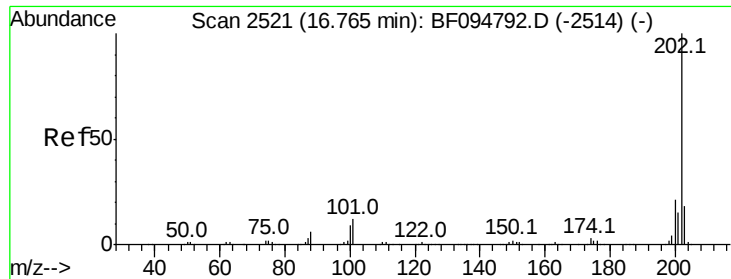
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#70
Phenanthrene
Concen: 9.64 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF095412.D
Acq: 25 May 2017 7:13

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.5	12.6	19.0





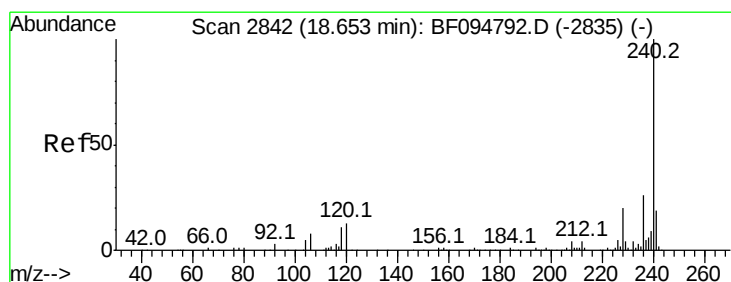
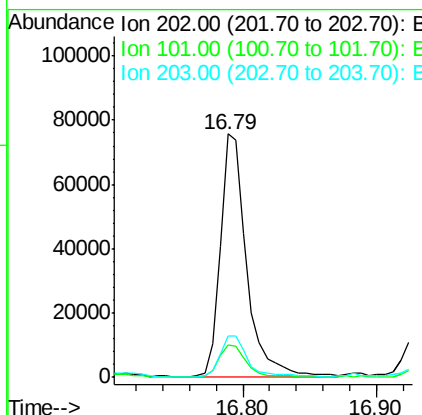
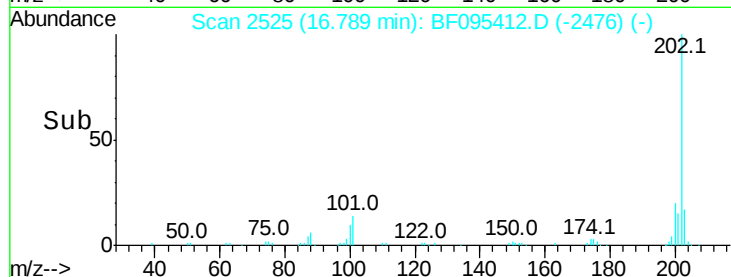
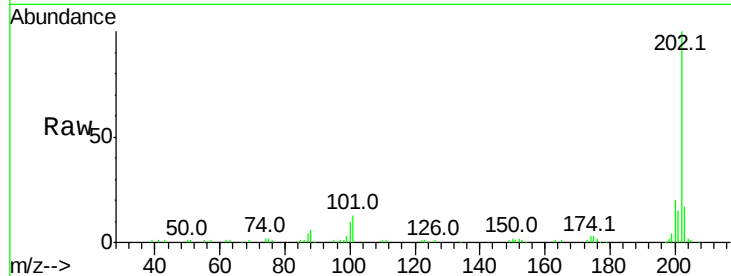
#74
Fluoranthene
 Concen: 8.83 ng
 RT: 16.79 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BF095412.D
 Acq: 25 May 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-ESW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.1	0.0	38.1

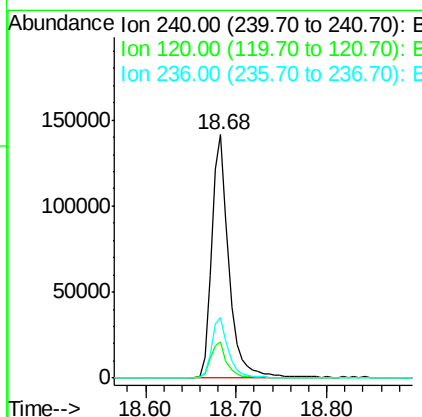
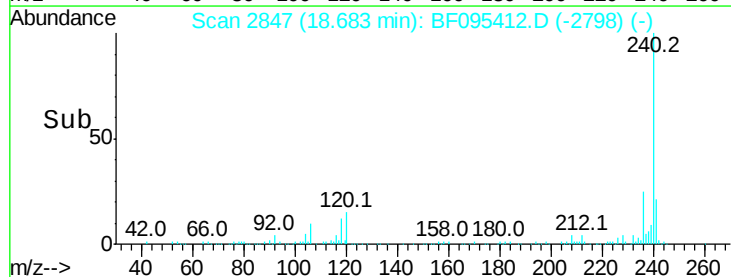
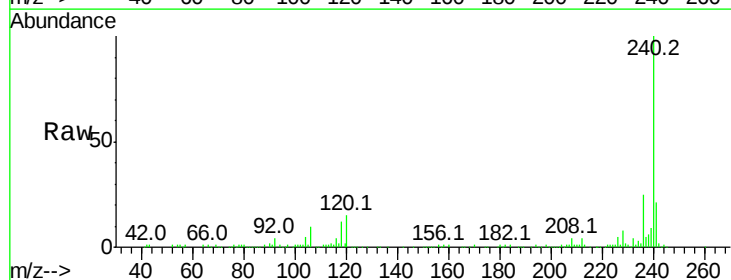
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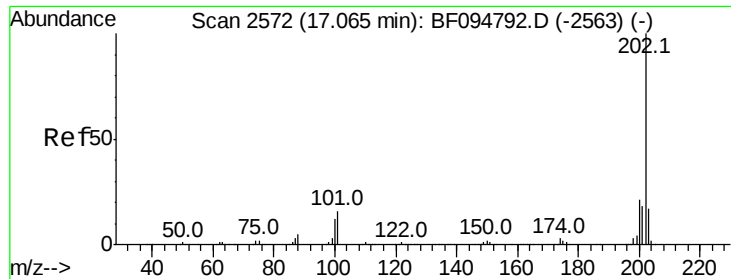
mohammad
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095412.D
 Acq: 25 May 2017 7:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	24.9	20.5	30.7





#77

Pvrene

Concen: 13.68 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095412.D

Acq: 25 May 2017 7:13

Instrument :

BNA_F

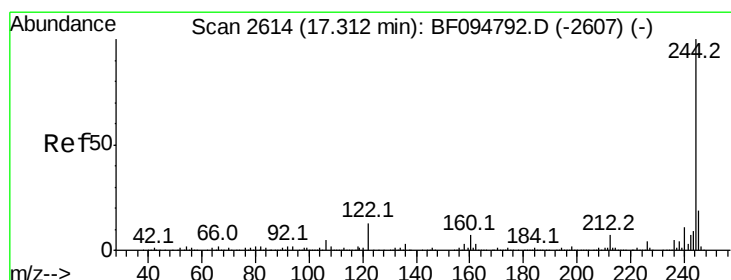
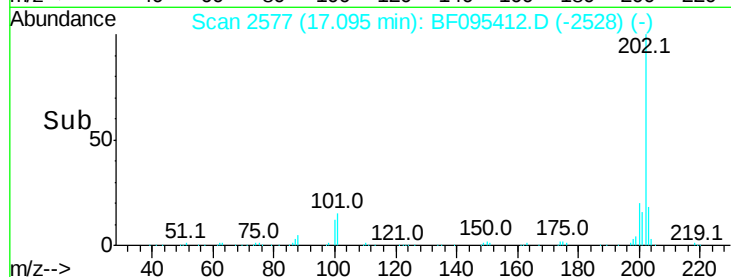
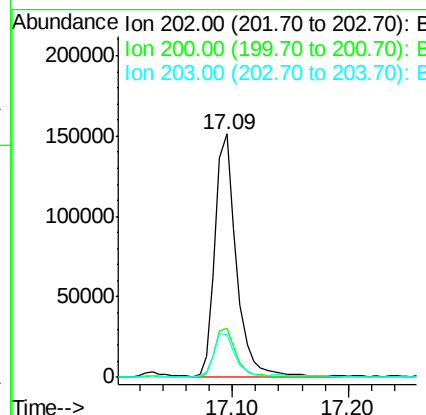
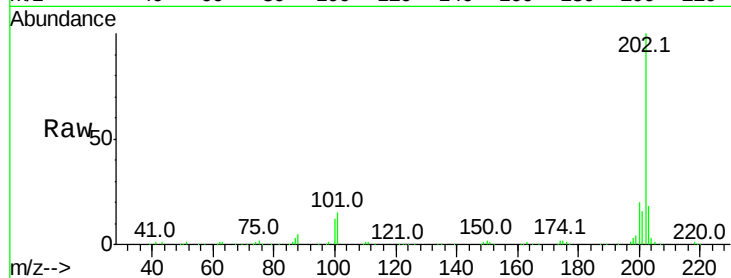
ClientSampleId :

E2-T11-ESW

Tot Ion:	202	Resp:	192478
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.6	26.4
203	17.7	14.4	21.6

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#78

Terphenyl-d14

Concen: 55.52 ng

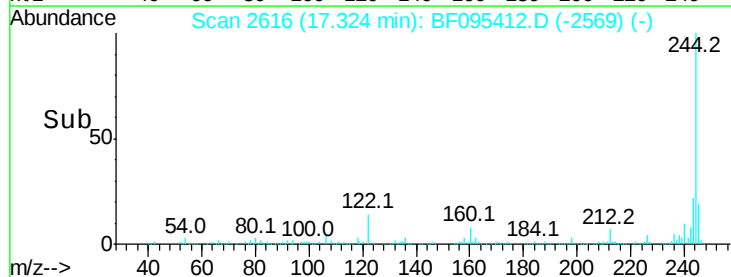
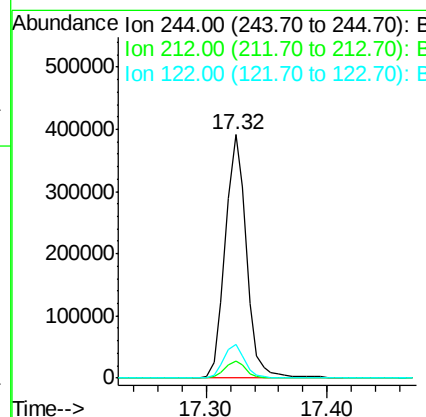
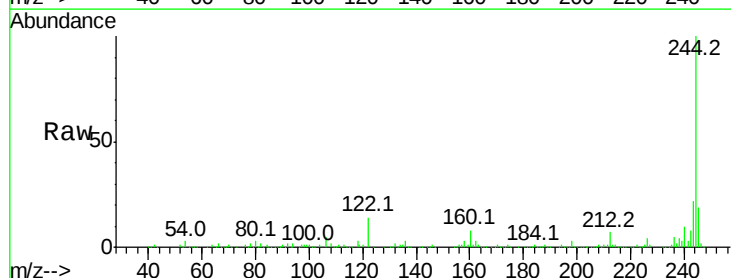
RT: 17.32 min Scan# 2616

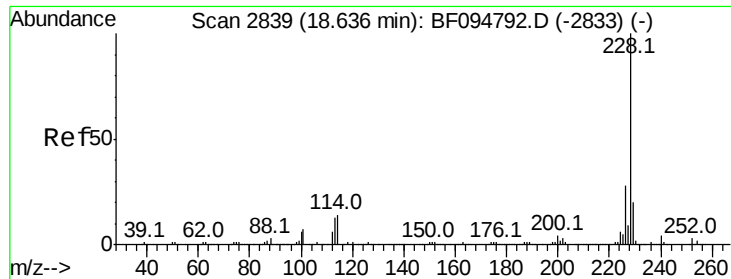
Delta R.T. -0.02 min

Lab File: BF095412.D

Acq: 25 May 2017 7:13

Tgt Ion:	244	Resp:	474221
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	13.8	10.3	15.5





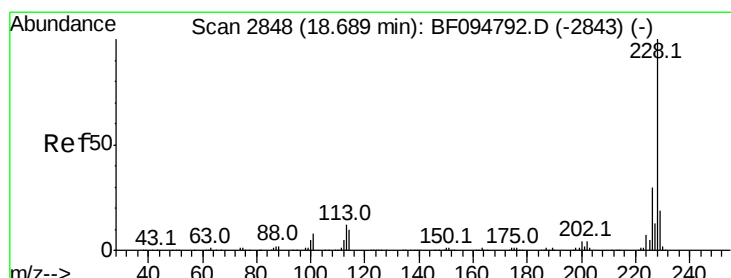
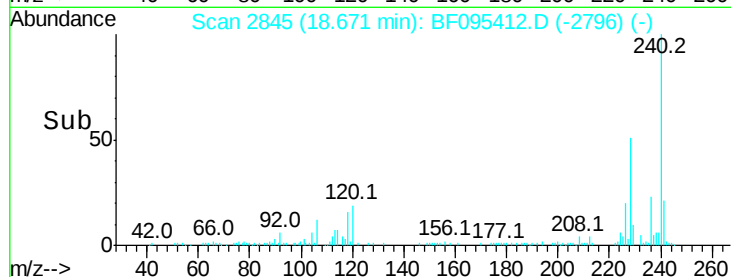
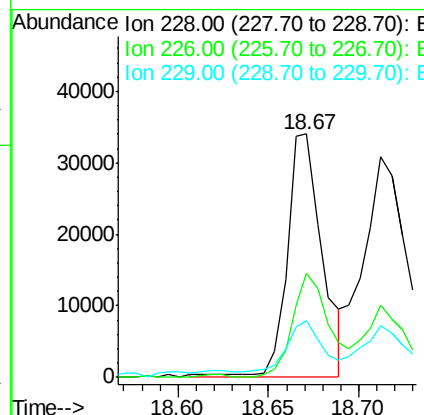
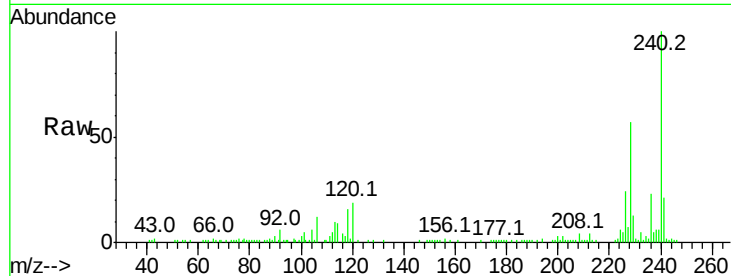
#80
Benzo(a)anthracene
Concen: 4.19 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095412.D
Acq: 25 May 2017 7:13

Instrument :
BNA_F
ClientSampleId :
E2-T11-ESW

Tot Ion	Ratio	Lower	Upper
228	100		
226	42.7	22.6	33.8#
229	23.4	16.3	24.5

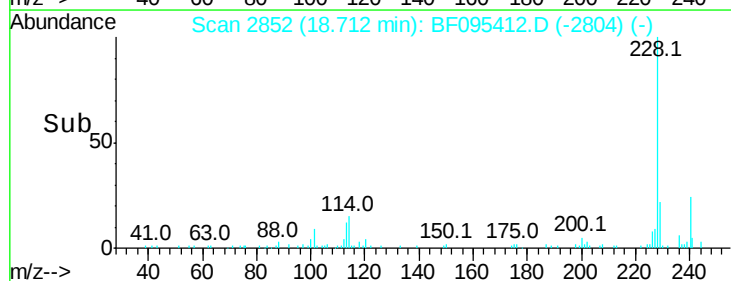
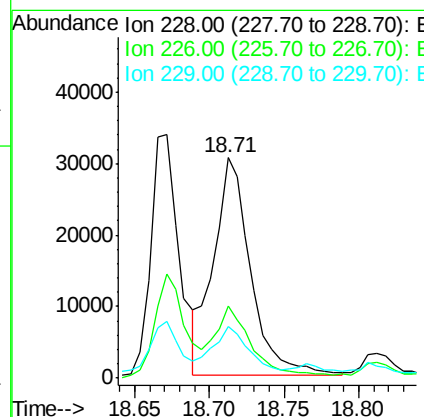
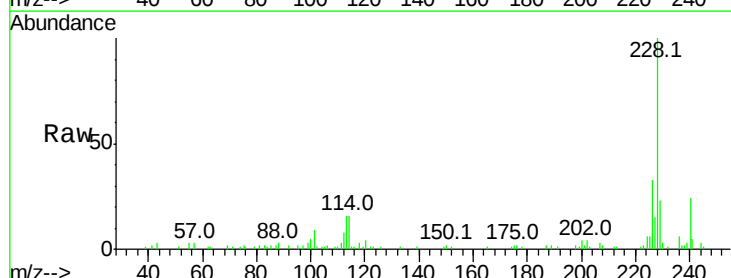
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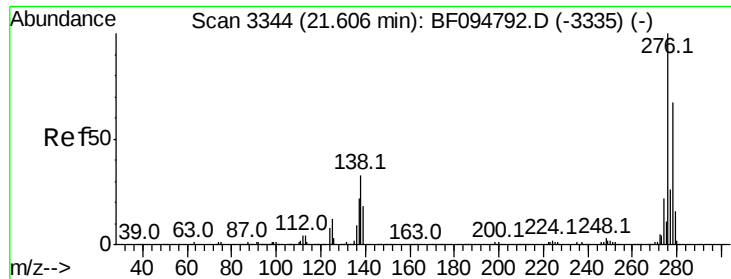
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#82
Chrysene
Concen: 5.04 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF095412.D
Acq: 25 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	23.3	15.8	23.6





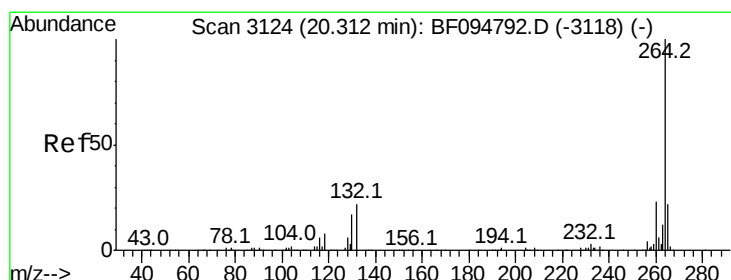
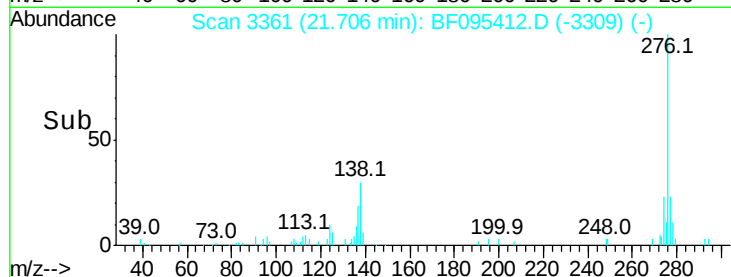
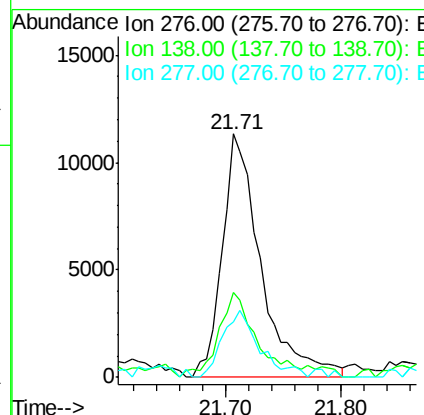
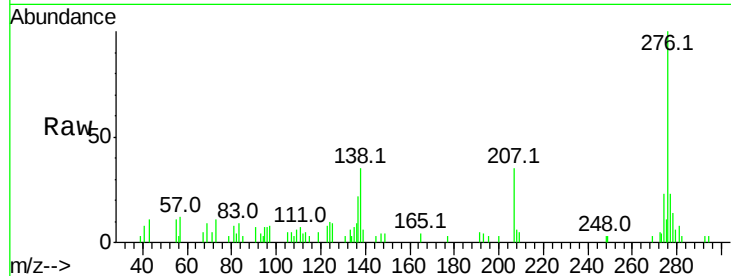
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.08 ng
 RT: 21.71 min Scan# 3361
 Delta R.T. 0.01 min
 Lab File: BF095412.D
 Acq: 25 May 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-ESW

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	26.1	20.2	30.4

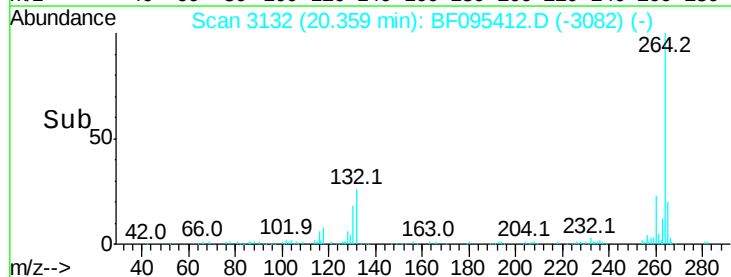
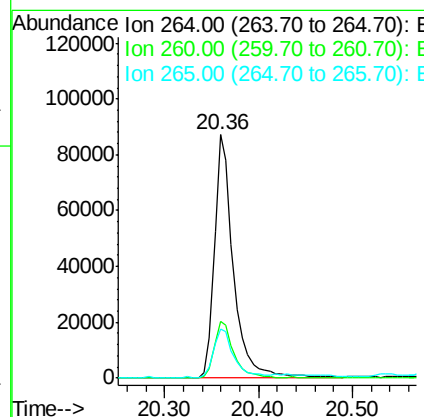
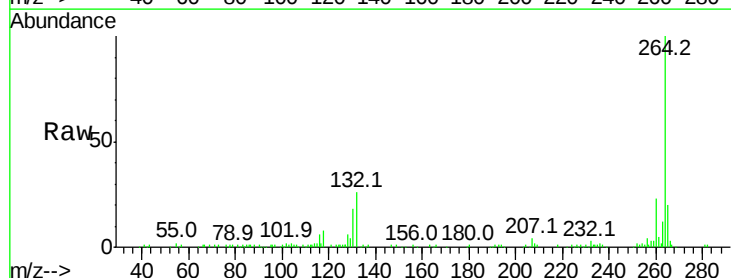
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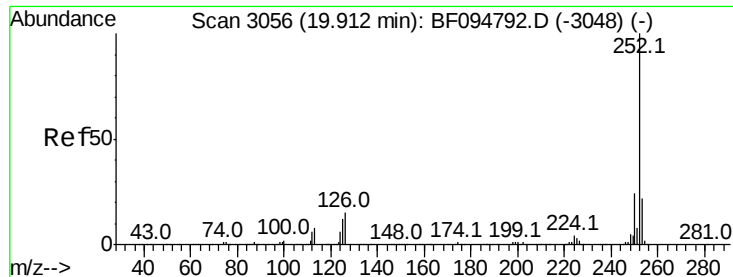
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095412.D
 Acq: 25 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.1	17.2	25.8





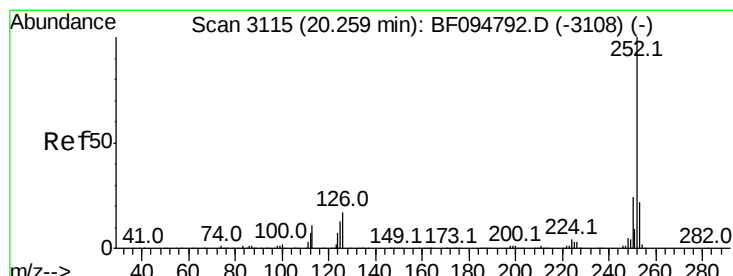
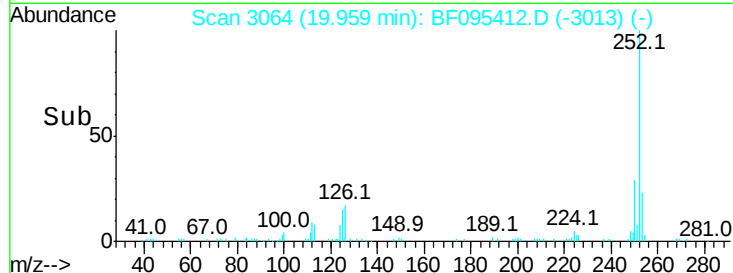
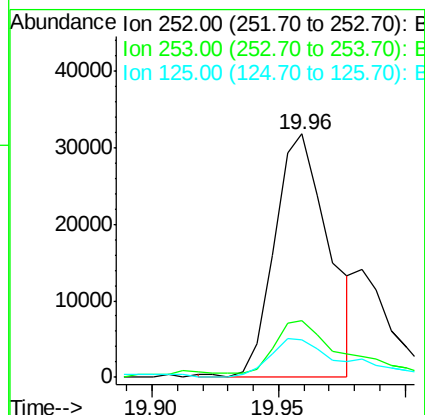
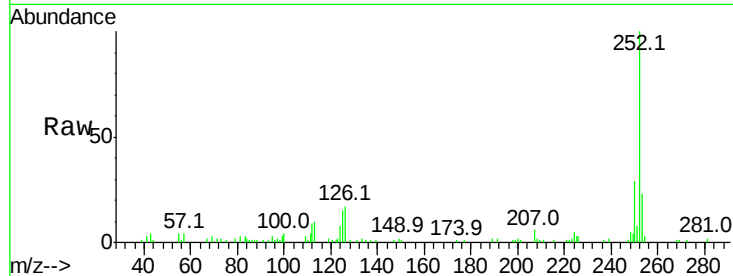
#87
Benzo(b)fluoranthene
Concen: 6.16 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BF095412.D
Acq: 25 May 2017 7:13

Instrument :
BNA_F
ClientSampleId :
E2-T11-ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	15.4	9.8	14.8

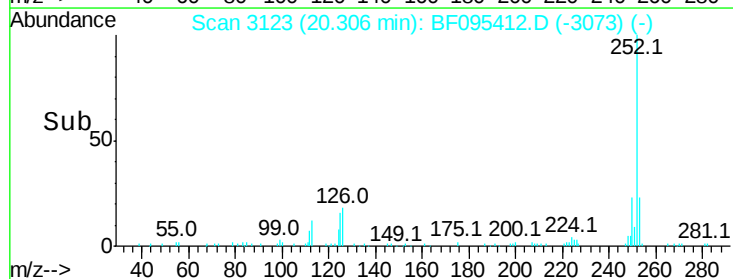
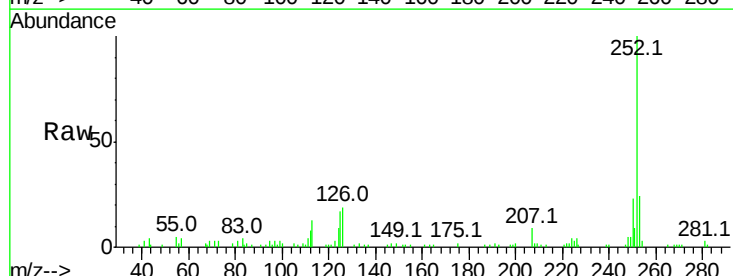
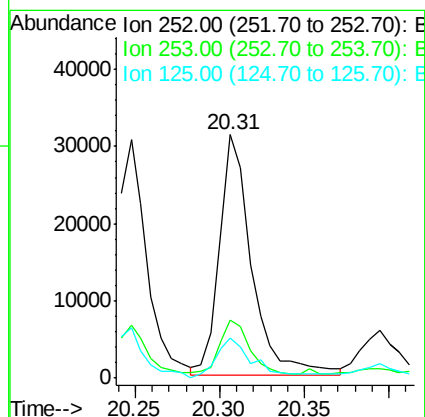
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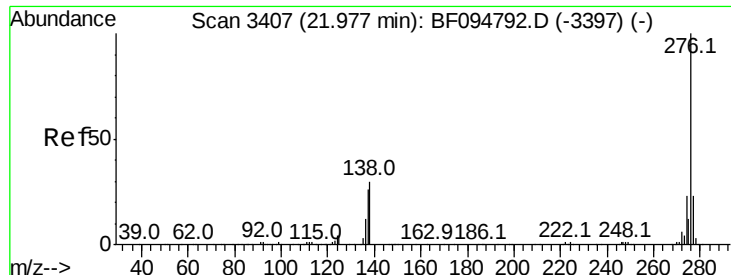
mohammad
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#89
Benzo(a)pyrene
Concen: 5.86 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095412.D
Acq: 25 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	16.5	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 6.13 ng
 RT: 22.09 min Scan# 3427
 Delta R.T. 0.01 min
 Lab File: BF095412.D
 Acq: 25 May 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-ESW

Tot Ion:	276	Resp:	35373
Ion Ratio	Lower	Upper	
276	100		
277	25.2	18.6	28.0
138	34.7	25.4	38.0

Manual Integrations
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mohammad
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