

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095545.D
 Acq On : 30 May 2017 20:24
 Operator : SJ/MA
 Sample : I3302-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM16-COMP-0-6

Manual Integrations
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Quant Time: May 31 04:27:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	108360	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	414149	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	156773	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	230332	20.00	ng	0.00
75) Chrysene-d12	18.67	240	244531	20.00	ng	0.00
86) Perylene-d12	20.35	264	170510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	678453	104.39	ng	0.00
7) Phenol-d6	7.29	99	791092	101.44	ng	0.00
23) Nitrobenzene-d5	8.64	82	440556	67.08	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	109757	85.49	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	718572	65.97	ng	0.00
78) Terphenyl-d14	17.31	244	434498	39.14	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	126223	9.81	ng	99
70) Phenanthrene	15.04	178	62044	4.69	ng	97
74) Fluoranthene	16.78	202	136293	10.04	ng	100
77) Pyrene	17.08	202	125894	6.88	ng	# 93
80) Benzo(a)anthracene	18.66	228	65427	4.60	ng	97
82) Chrysene	18.71	228	62197	4.52	ng	96
85) Indeno(1,2,3-cd)pyrene	21.70	276	23437	2.10	ng	90
87) Benzo(b)fluoranthene	19.95	252	64489m	6.12	ng	
88) Benzo(k)fluoranthene	19.97	252	24596m	2.42	ng	
89) Benzo(a)pyrene	20.30	252	43746	4.50	ng	97
91) Benzo(g,h,i)perylene	22.09	276	25301	3.21	ng	96

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

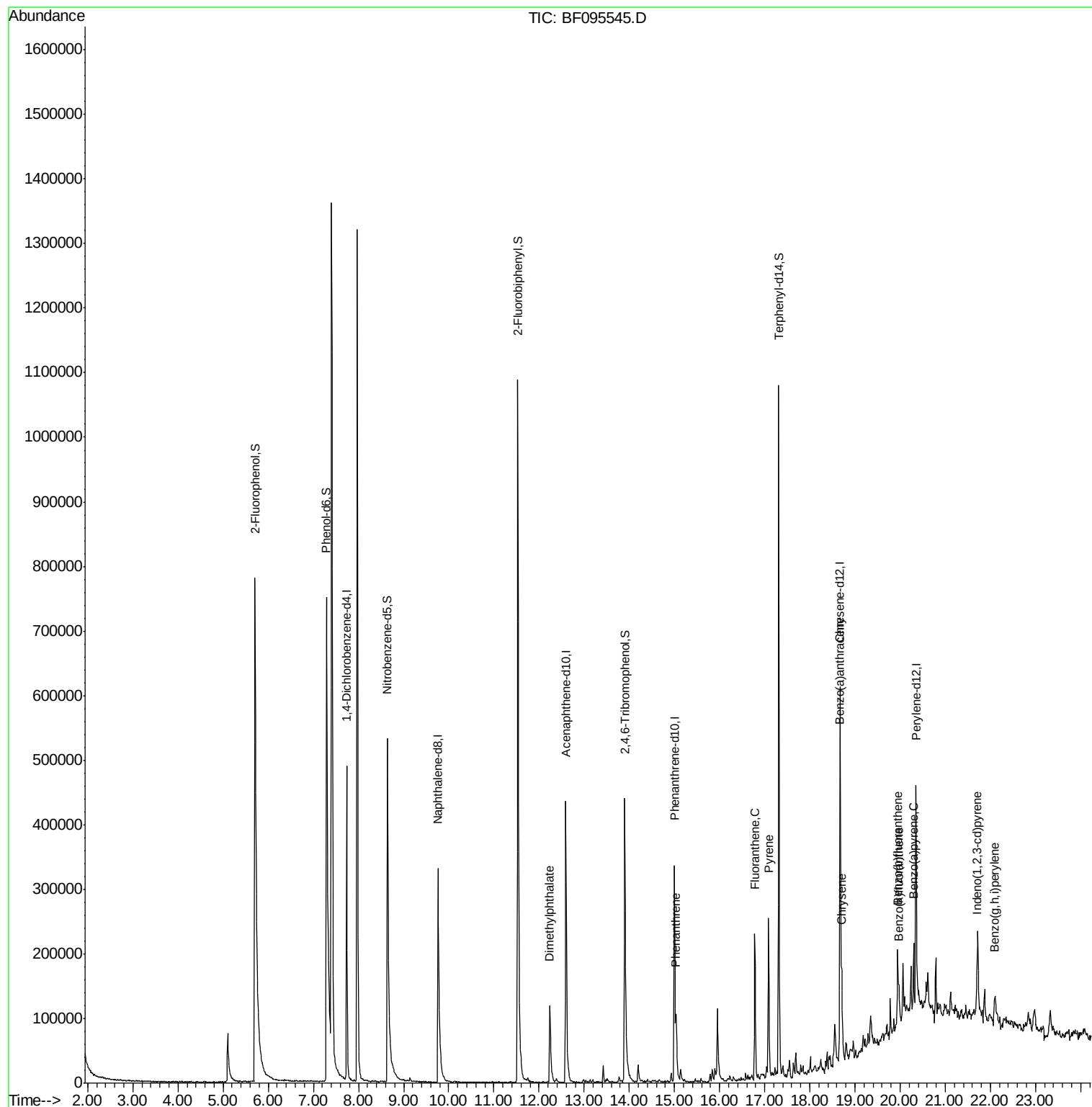
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095545.D
Acq On : 30 May 2017 20:24
Operator : SJ/MA
Sample : I3302-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

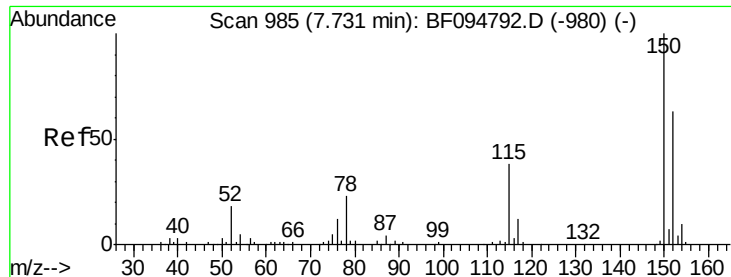
Instrument :
BNA_F
ClientSampleId :
NM16-COMP-0-6

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#1

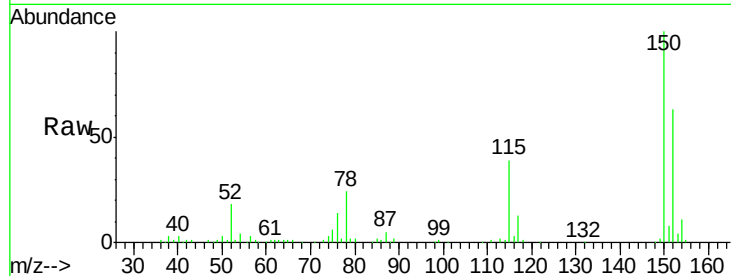
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095545.D
Acq: 30 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
NM16-COMP-0-6

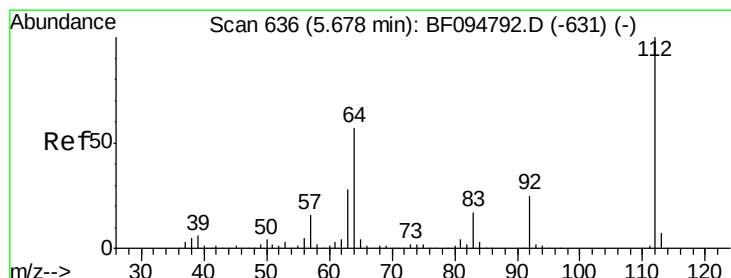
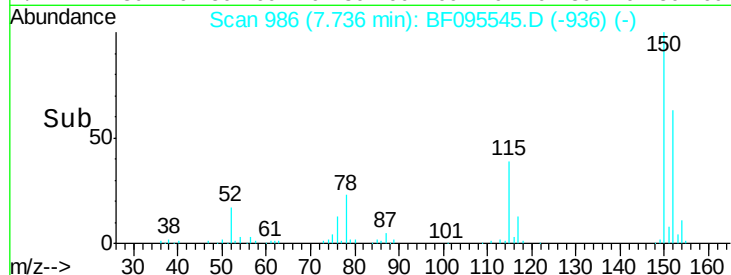
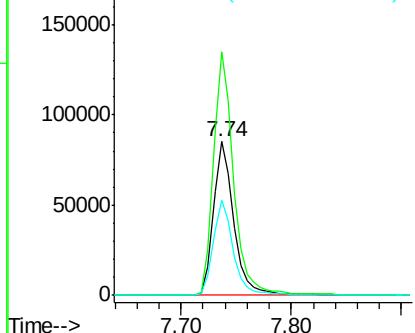
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	62.2	52.2	78.2

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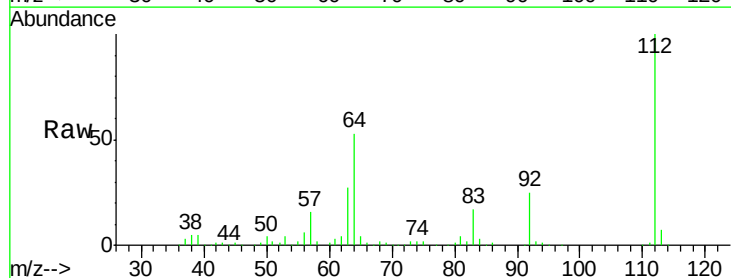
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



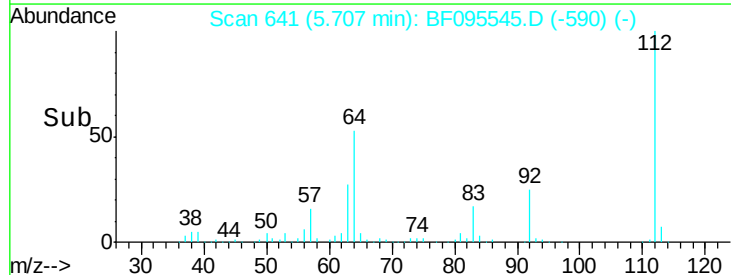
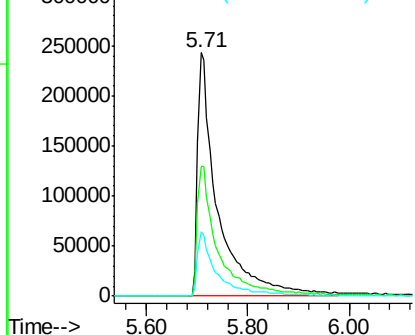
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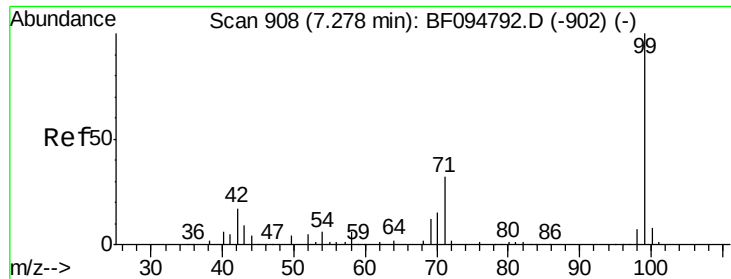
2-Fluorophenol
Concen: 104.39 ng
RT: 5.71 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF095545.D
Acq: 30 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.0	69.0
63	26.7	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: 101.44 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095545.D

Acq: 30 May 2017 20:24

Instrument :

BNA_F

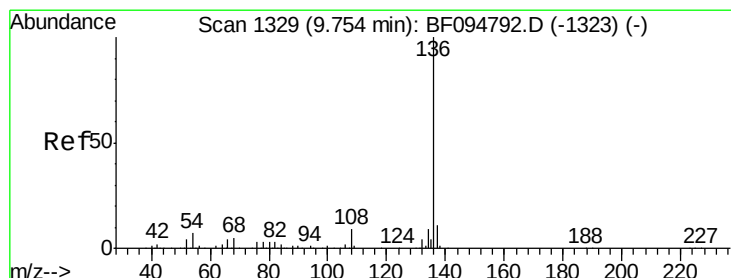
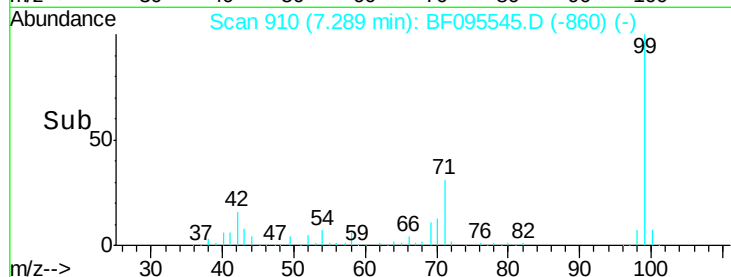
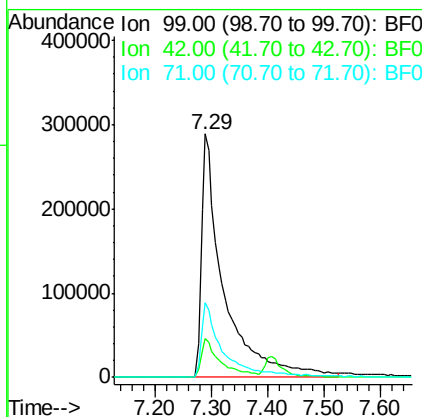
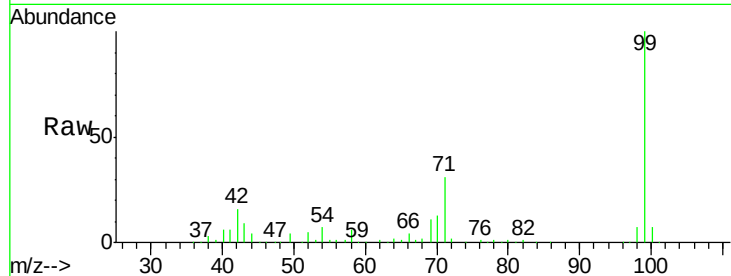
ClientSampleId :

NM16-COMP-0-6

Tgt Ion:	99	Resp:	791092
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.5	20.3
71	30.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

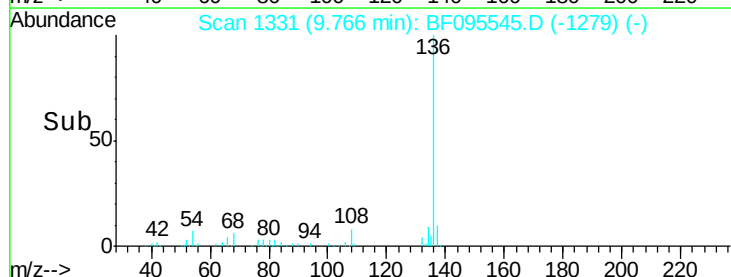
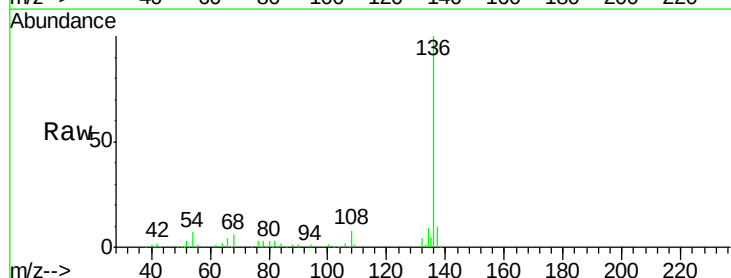
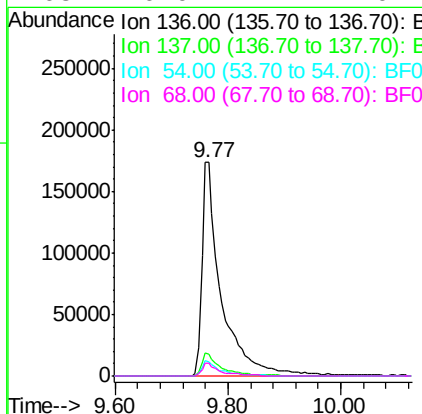
RT: 9.77 min Scan# 1331

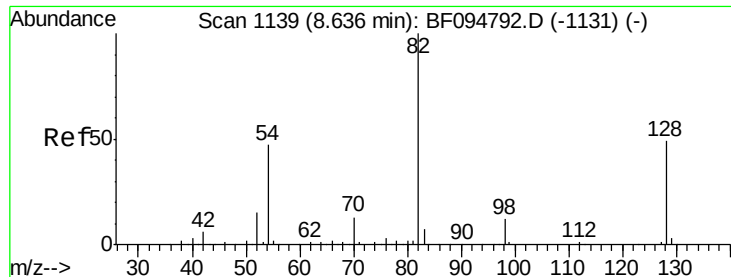
Delta R.T. 0.01 min

Lab File: BF095545.D

Acq: 30 May 2017 20:24

Tgt Ion:	136	Resp:	414149
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	6.7	4.9	7.3
68	6.0	4.1	6.1





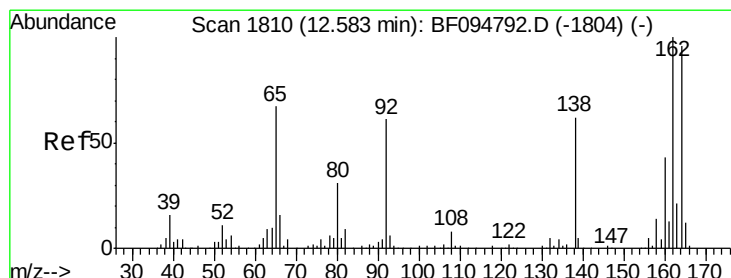
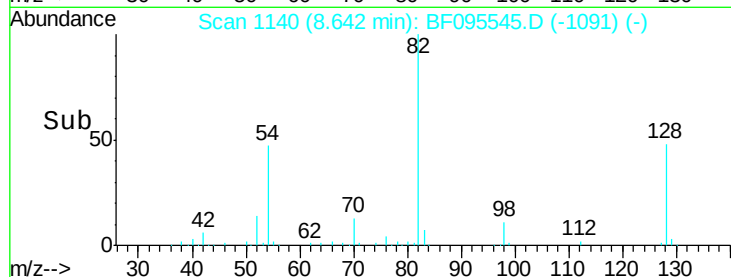
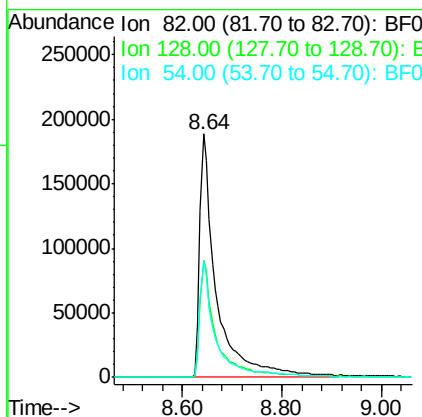
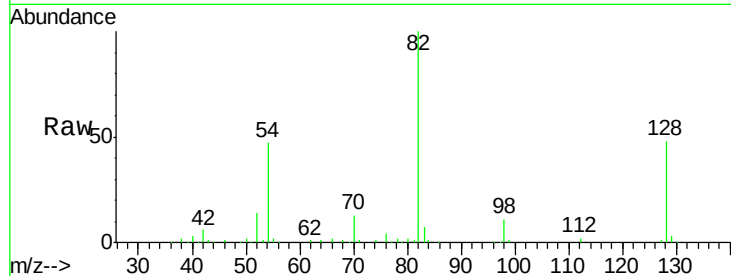
#23
 Nitrobenzene-d5
 Concen: 67.08 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095545.D
 Acq: 30 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 NM16-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	47.3	42.2	63.2

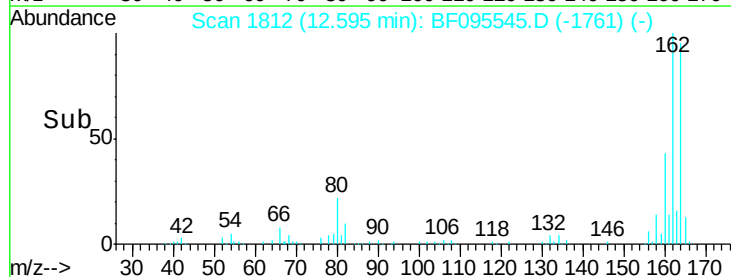
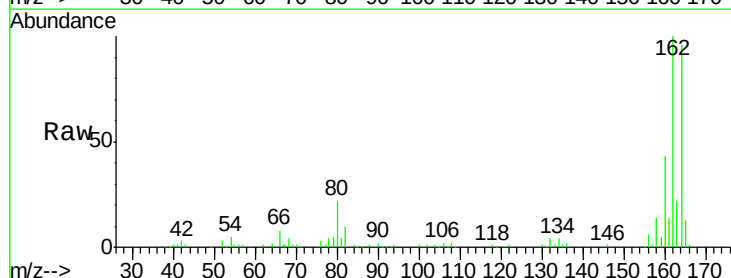
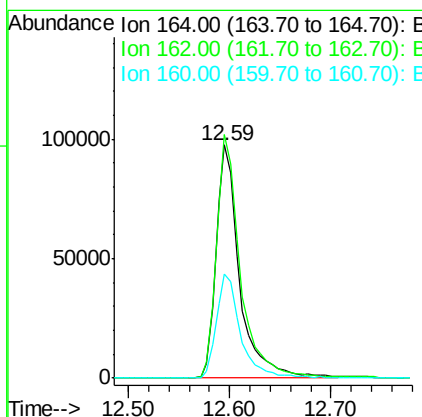
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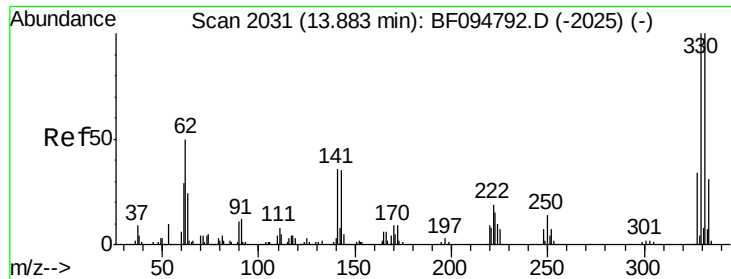
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF095545.D
 Acq: 30 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	44.6	36.2	54.2





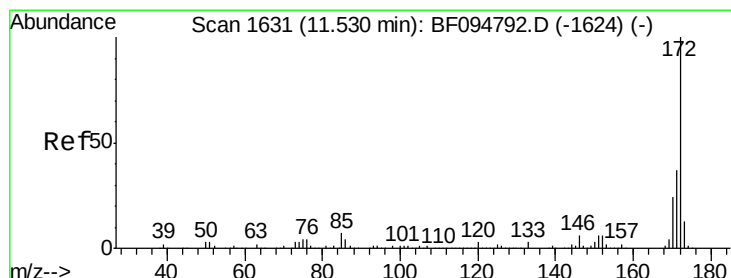
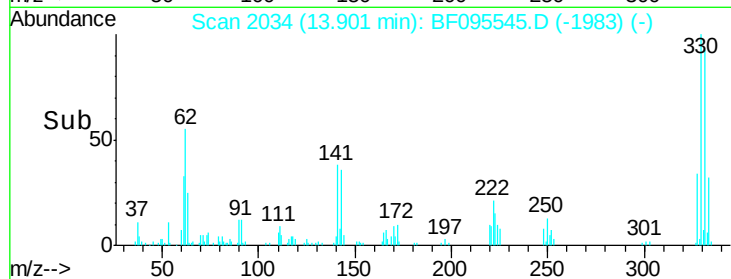
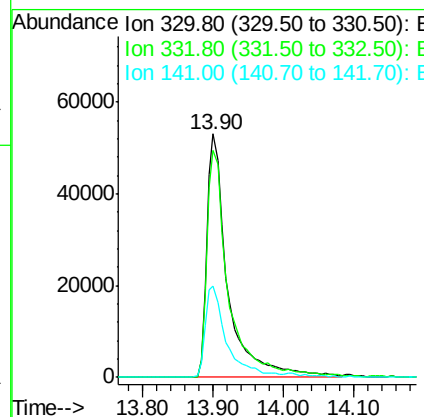
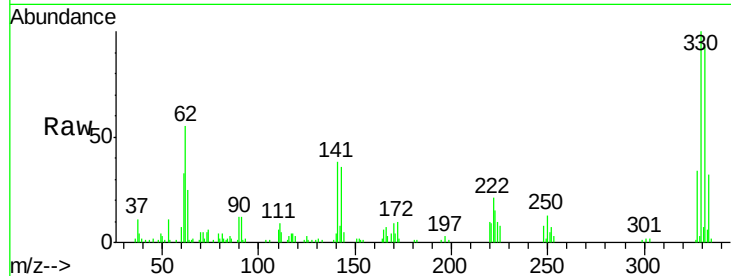
#41
 2,4,6-Tribromophenol
 Concen: 85.49 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF095545.D
 Acq: 30 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 NM16-COMP-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	109757		
332	97.1	76.6	115.0	
141	38.2	31.4	47.2	

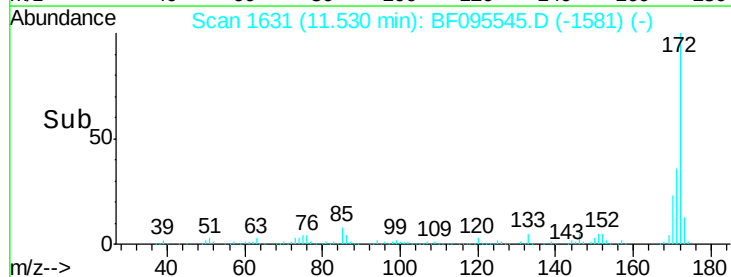
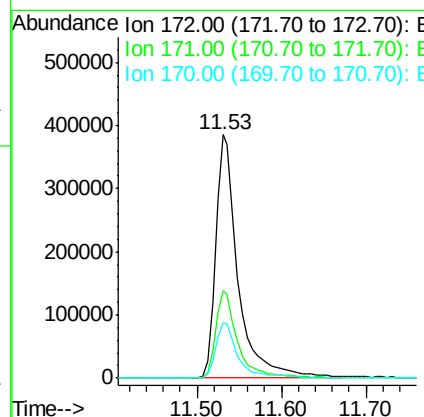
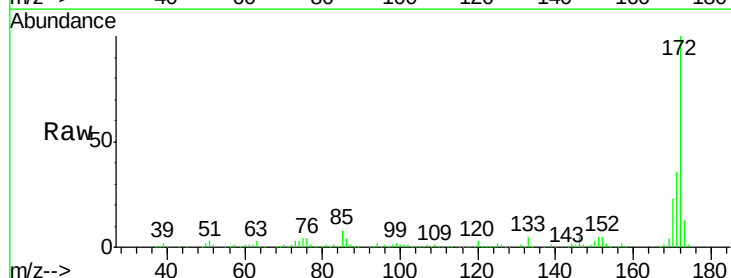
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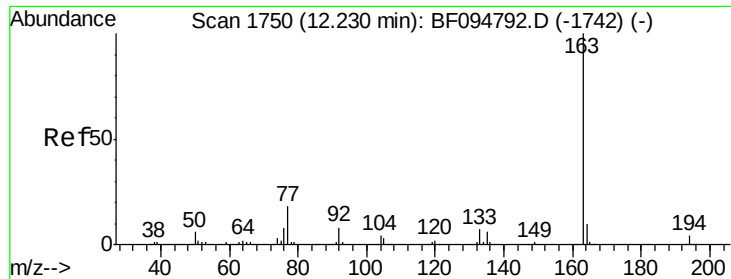
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#44
 2-Fluorobiphenyl
 Concen: 65.97 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095545.D
 Acq: 30 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	718572		
171	36.0	29.6	44.4	
170	22.8	19.8	29.8	





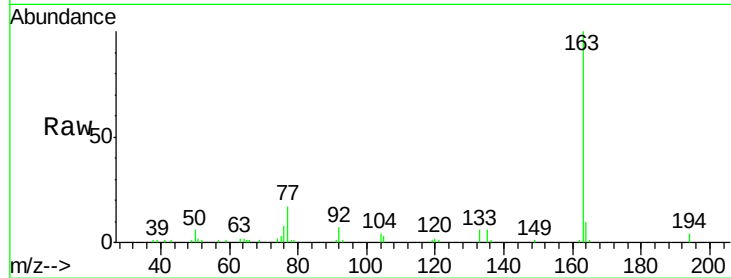
#49
Dimethylphthalate
Concen: 9.81 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BF095545.D
Acq: 30 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
NM16-COMP-0-6

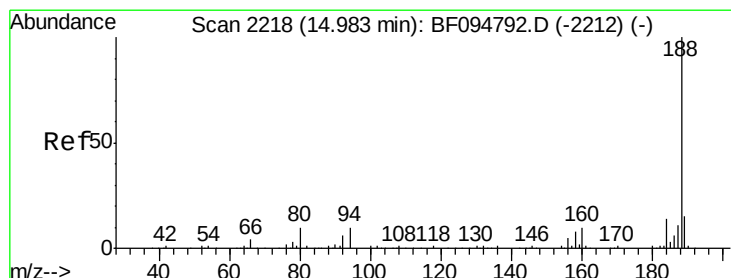
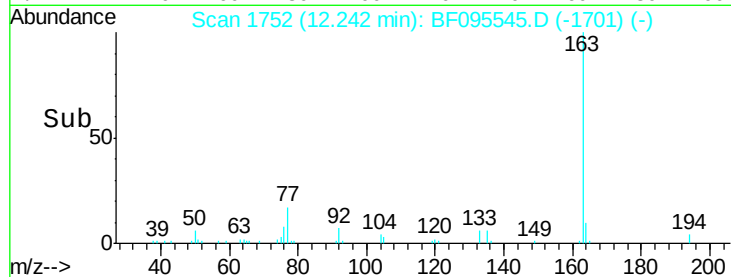
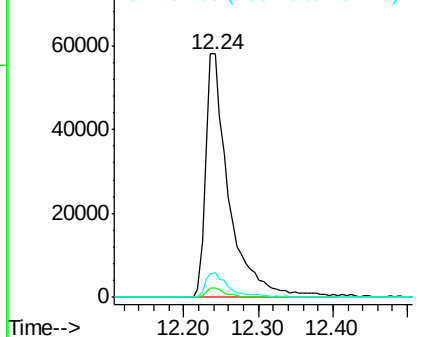
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	126223		
194	3.8	2.6	4.0	
164	10.3	8.4	12.6	

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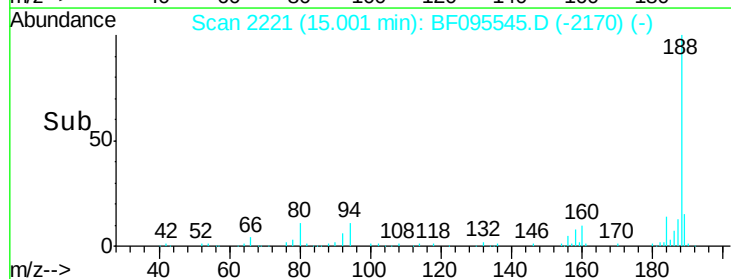
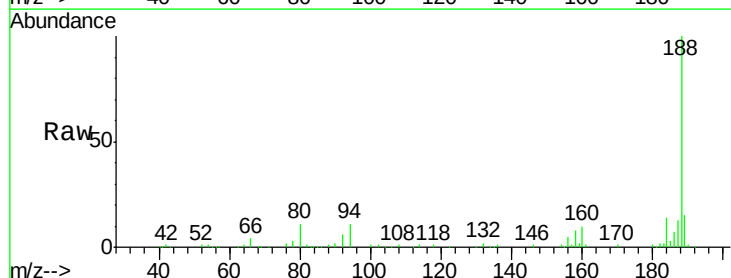
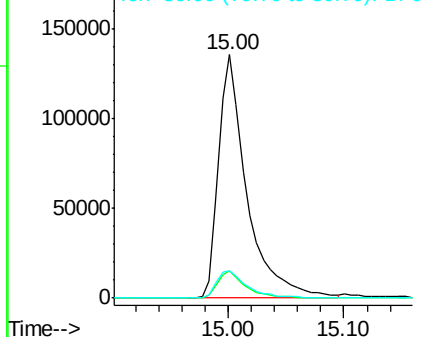
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

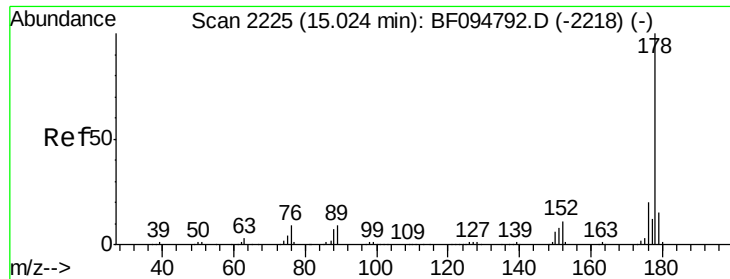


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF095545.D
Acq: 30 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	230332		
94	11.2	9.4	14.2	
80	11.2	10.2	15.2	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





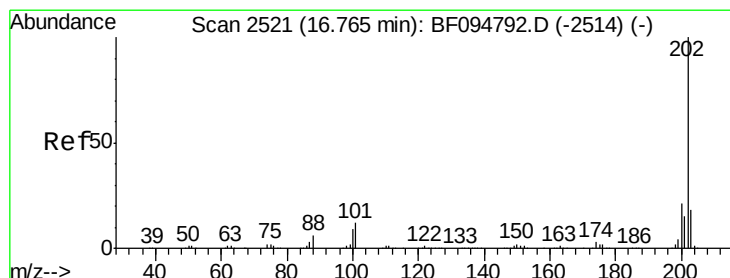
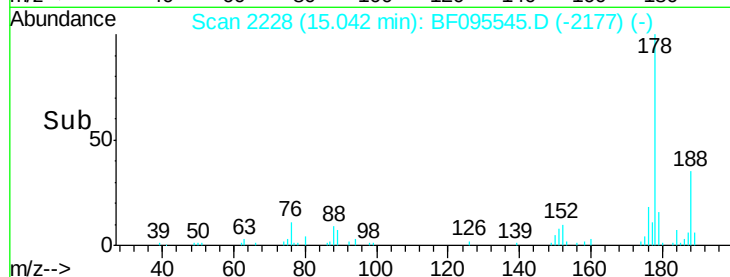
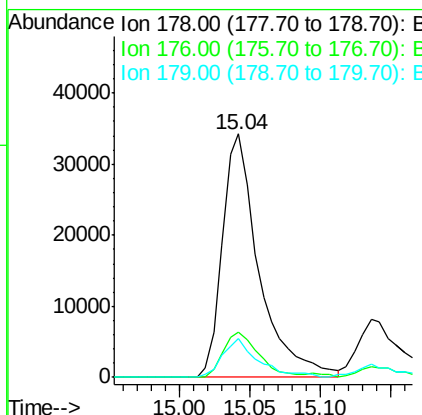
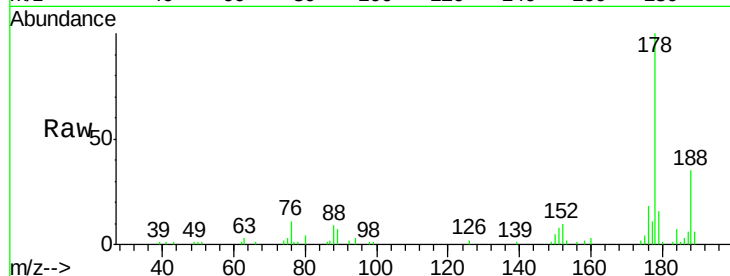
#70
Phenanthrene
Concen: 4.69 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095545.D
Acq: 30 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
NM16-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.2	24.4
179	16.1	12.6	19.0

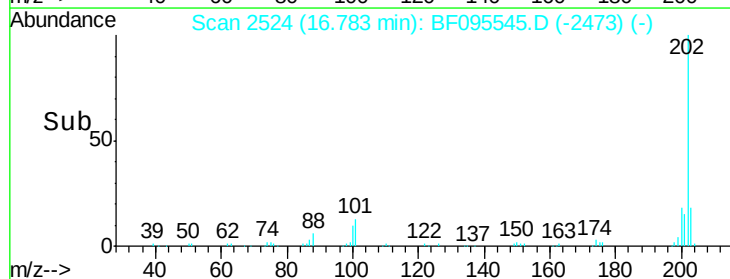
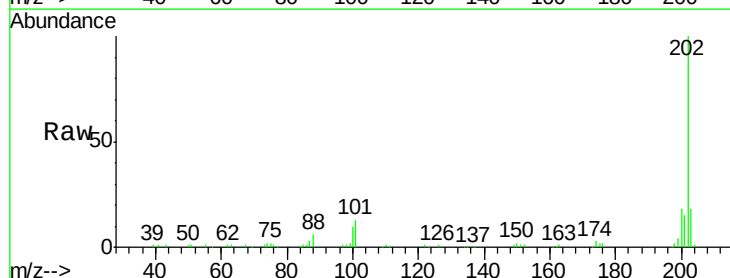
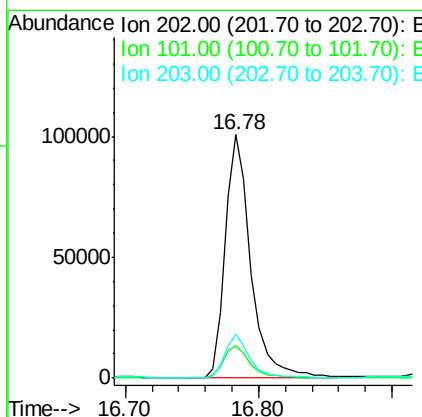
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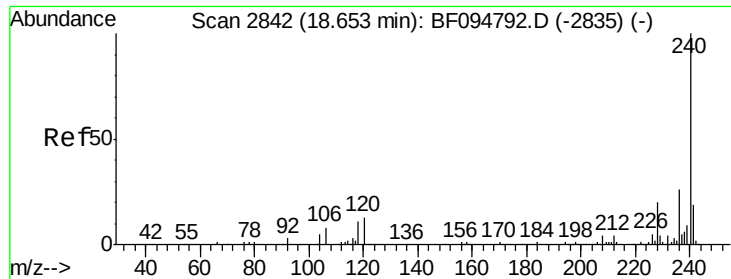
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#74
Fluoranthene
Concen: 10.04 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BF095545.D
Acq: 30 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095545.D

Acq: 30 May 2017 20:24

Instrument :

BNA_F

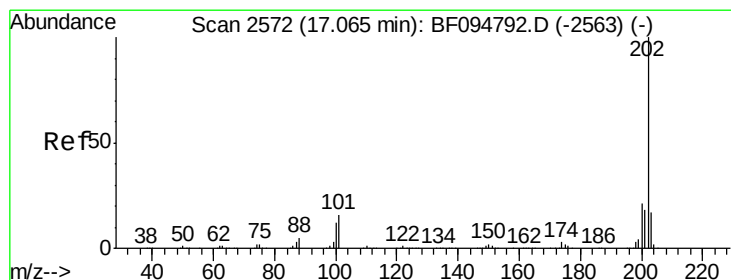
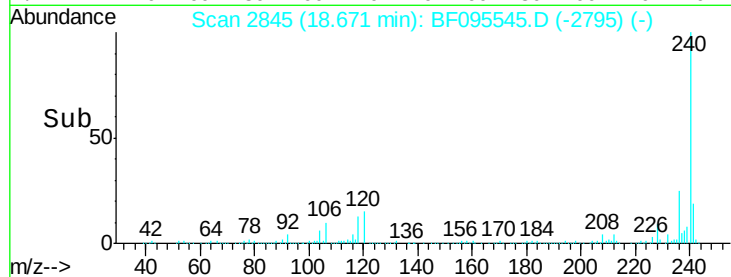
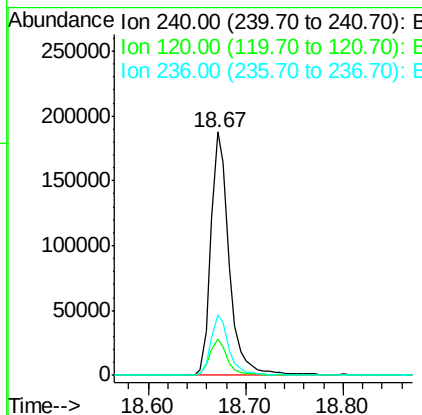
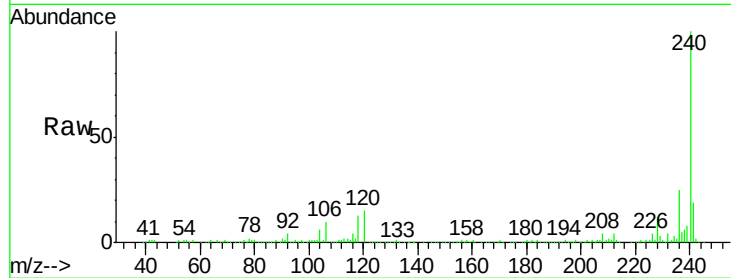
ClientSampleId :

NM16-COMP-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	244531		
120	14.7	5.8	8.8#	
236	24.8	20.5	30.7	

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#77

Pyrene

Concen: 6.88 ng

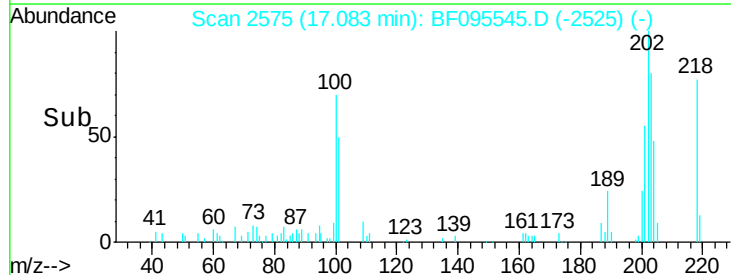
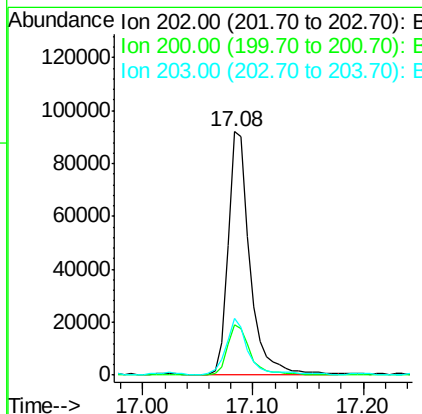
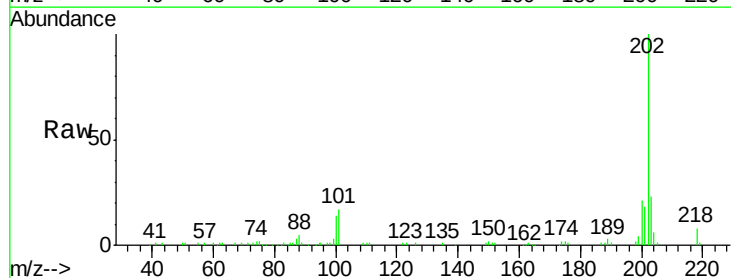
RT: 17.08 min Scan# 2575

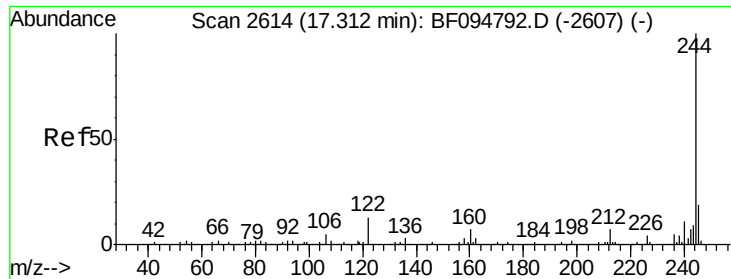
Delta R.T. -0.01 min

Lab File: BF095545.D

Acq: 30 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	125894		
200	20.8	17.6	26.4	
203	23.1	14.4	21.6#	





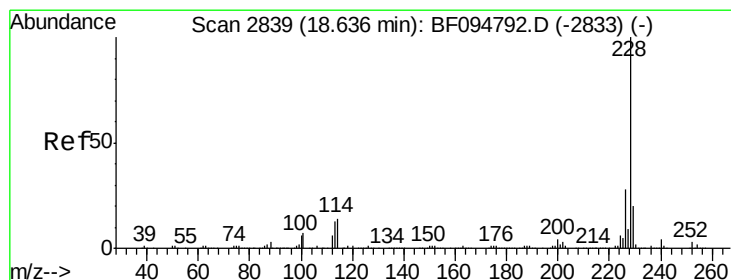
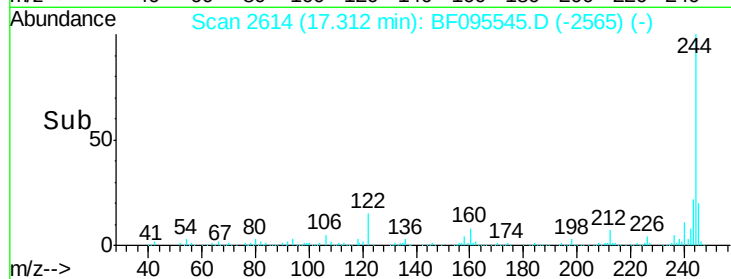
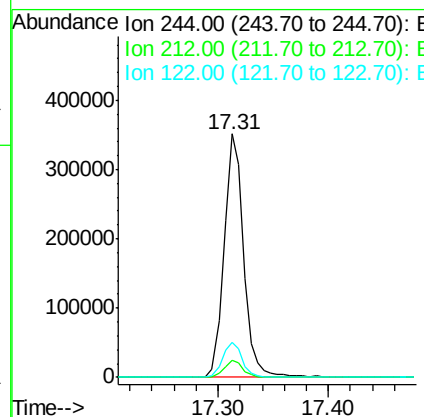
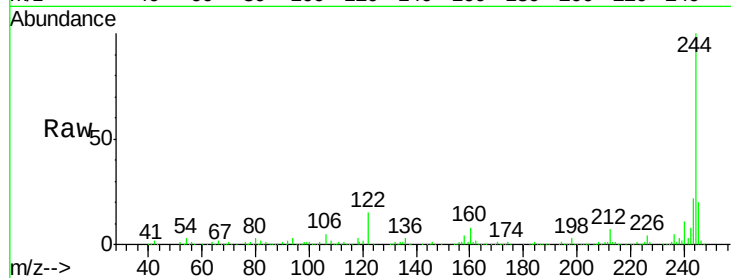
#78
 Terphenyl-d14
 Concen: 39.14 ng
 RT: 17.31 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BF095545.D
 Acq: 30 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 NM16-COMP-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	434498		
212	7.0	6.0	9.0	
122	14.5	10.3	15.5	

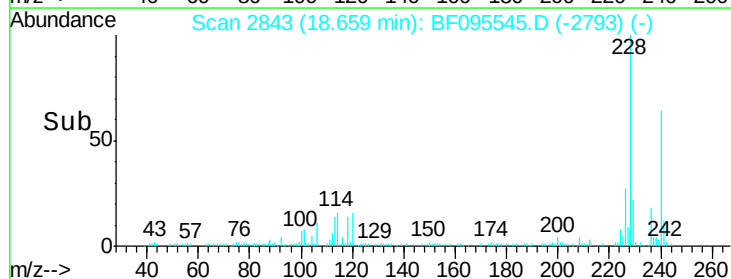
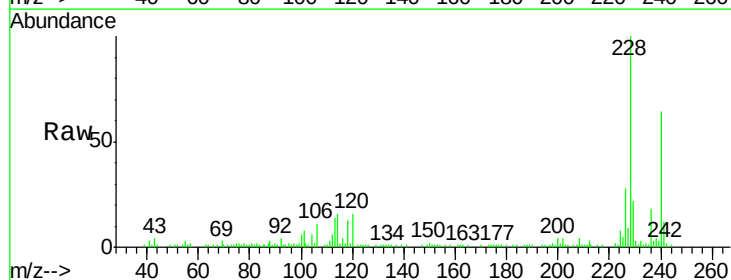
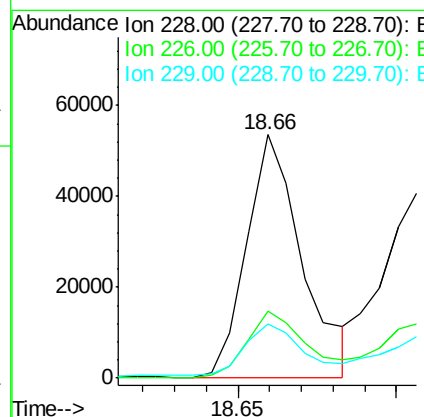
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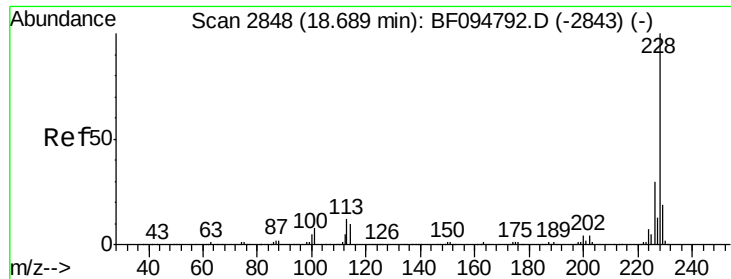
mohammad
 5/31/2017 5:02:49 PM



#80
 Benzo(a)anthracene
 Concen: 4.60 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BF095545.D
 Acq: 30 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	65427		
226	27.5	22.6	33.8	
229	22.4	16.3	24.5	





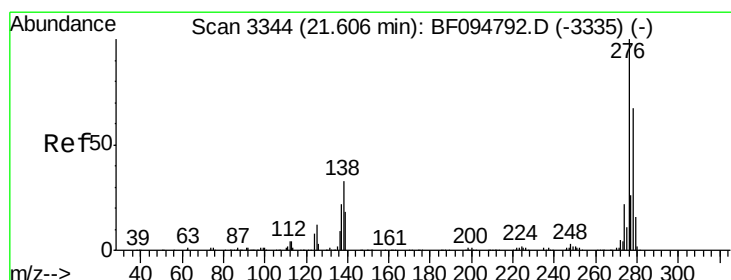
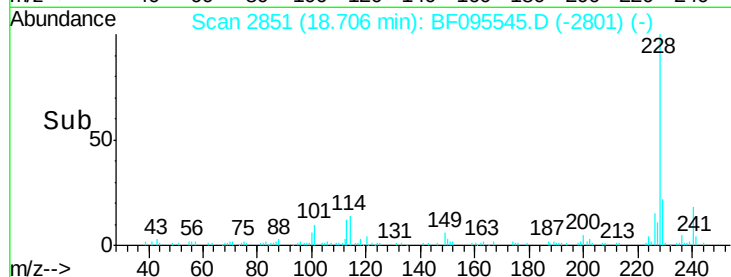
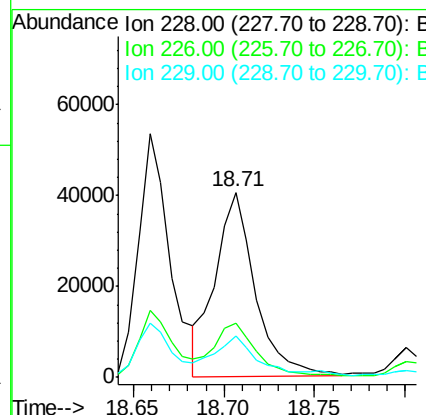
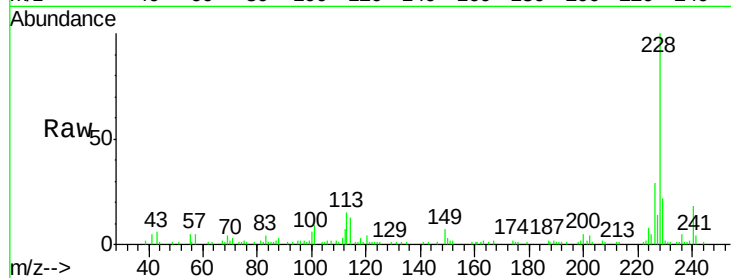
#82
Chrysene
Concen: 4.52 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095545.D
Acq: 30 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
NM16-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	22.3	15.8	23.6

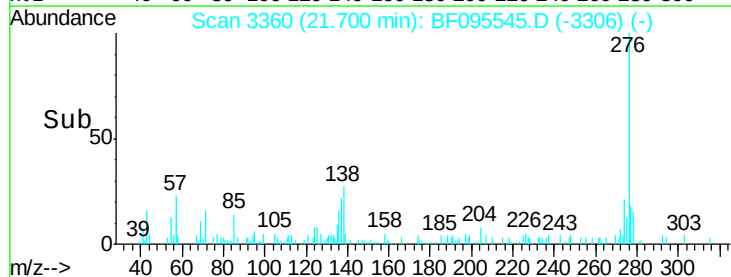
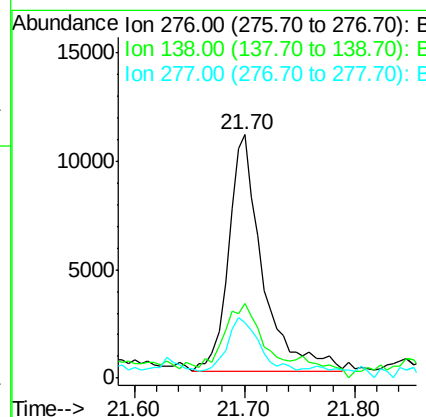
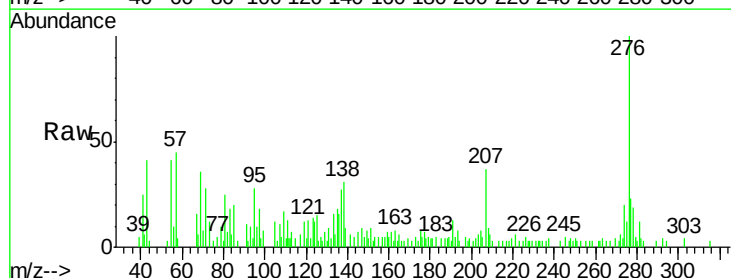
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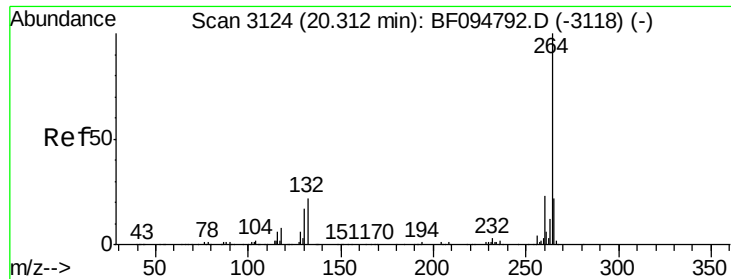
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.10 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.02 min
Lab File: BF095545.D
Acq: 30 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	27.8	41.6
277	20.9	20.2	30.4





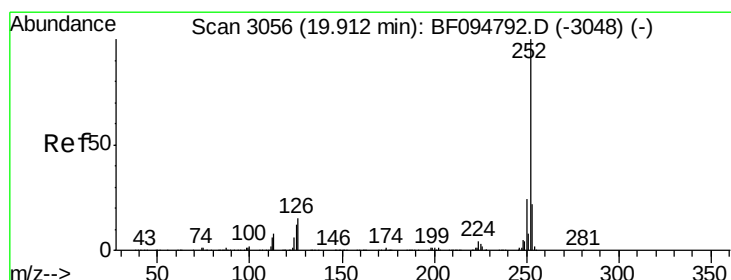
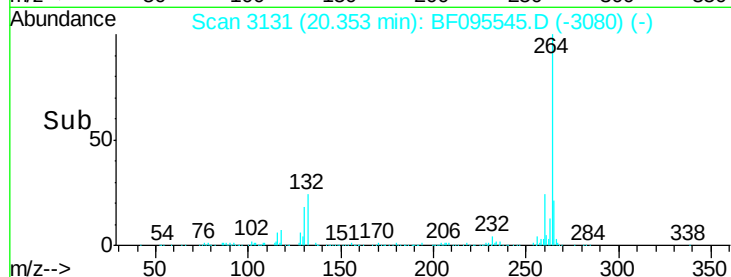
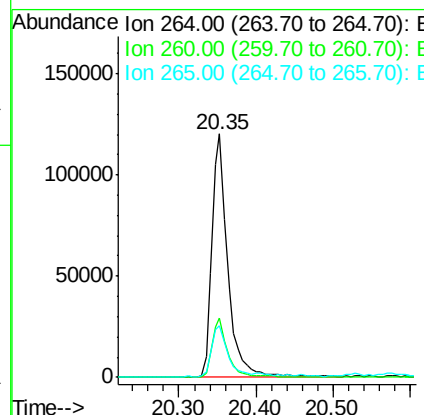
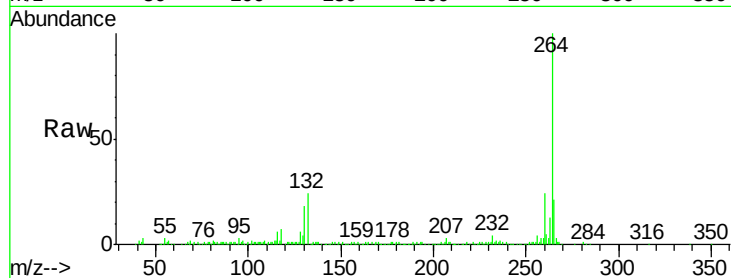
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BF095545.D
Acq: 30 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
NM16-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.1	17.2	25.8

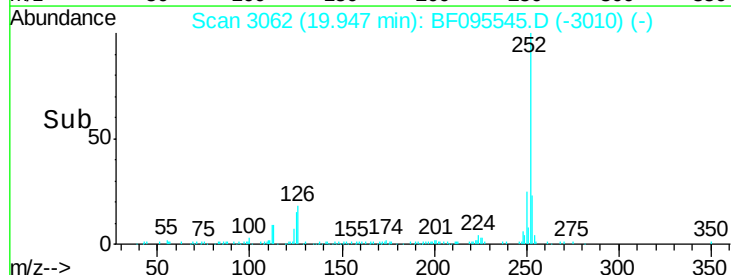
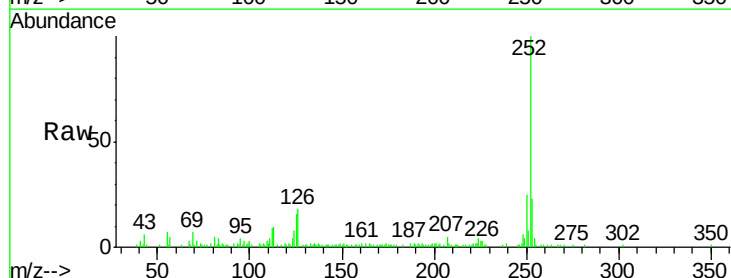
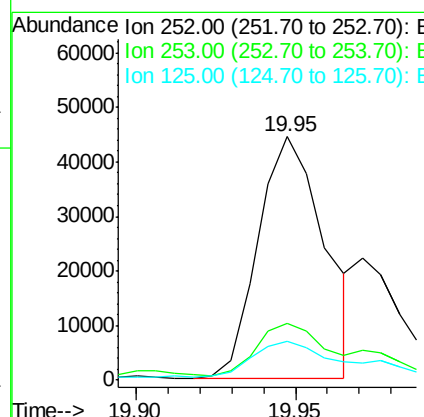
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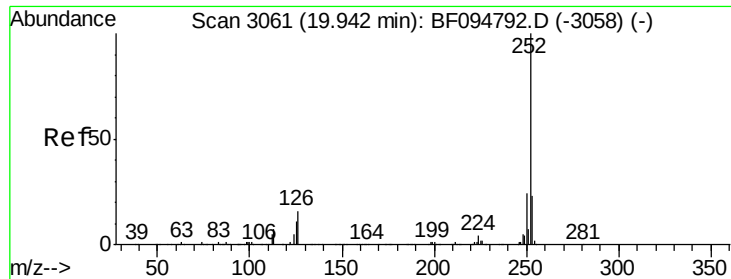
mohammad
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#87
Benzo(b)fluoranthene
Concen: 6.12 ng m
RT: 19.95 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BF095545.D
Acq: 30 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	16.0	9.8	14.8





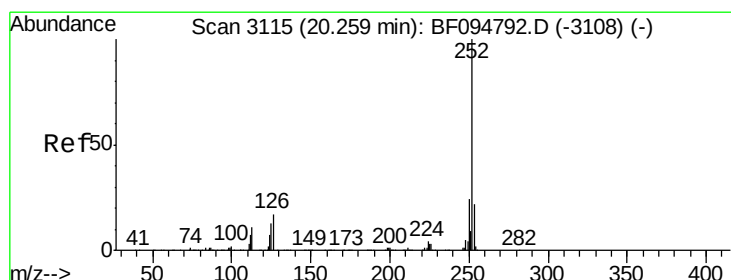
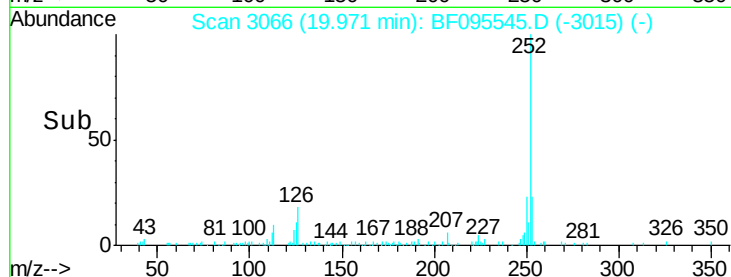
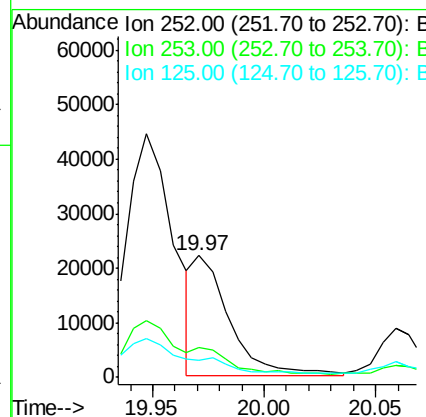
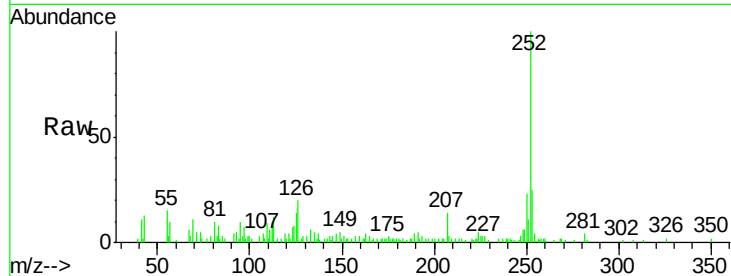
#88
Benzo(k)fluoranthene
Concen: 2.42 ng m
RT: 19.97 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BF095545.D
Acq: 30 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
NM16-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.4	27.6
125	14.0	13.1	19.7

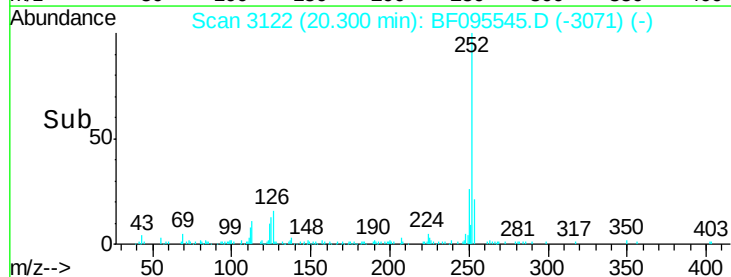
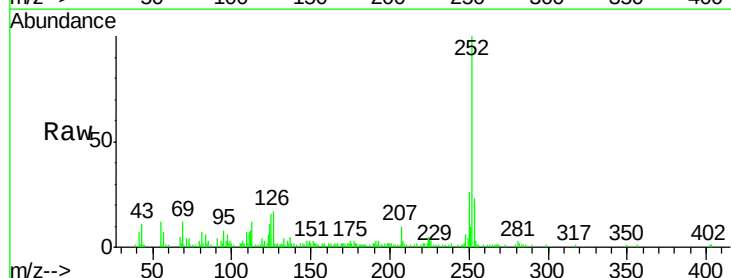
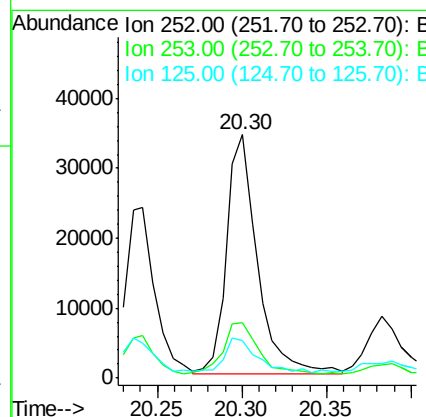
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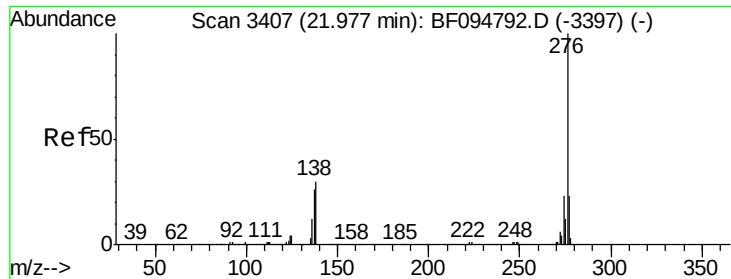
mohammad
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#89
Benzo(a)pyrene
Concen: 4.50 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BF095545.D
Acq: 30 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	15.5	11.0	16.4





#91
 Benzo(g,h,i)perylene
 Concen: 3.21 ng
 RT: 22.09 min Scan# 3426
 Delta R.T. 0.02 min
 Lab File: BF095545.D
 Acq: 30 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 NM16-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.6	28.0
138	32.7	25.4	38.0

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