

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095547.D
 Acq On : 30 May 2017 21:29
 Operator : SJ/MA
 Sample : I3302-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM17-COMP-0-6

Manual Integrations
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mohammad
 5/31/2017 5:02:53 PM

Quant Time: May 31 04:35:51 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	94338	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	340930	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	136557	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	203747	20.00	ng	0.00
75) Chrysene-d12	18.67	240	206642	20.00	ng	0.00
86) Perylene-d12	20.35	264	141727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	520157	91.93	ng	0.00
7) Phenol-d6	7.30	99	613324	90.34	ng	0.00
23) Nitrobenzene-d5	8.65	82	326822	60.45	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	86475	77.32	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	642395	67.71	ng	0.00
78) Terphenyl-d14	17.31	244	407767	43.46	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	93573	8.35	ng	98
70) Phenanthrene	15.04	178	66024	5.64	ng	96
74) Fluoranthene	16.78	202	148820	12.39	ng	98
77) Pyrene	17.08	202	138217	8.94	ng	97
80) Benzo(a)anthracene	18.66	228	74213	6.17	ng	96
82) Chrysene	18.71	228	73165	6.29	ng	96
85) Indeno(1,2,3-cd)pyrene	21.70	276	28591	3.03	ng	93
87) Benzo(b)fluoranthene	19.95	252	80485m	9.19	ng	
88) Benzo(k)fluoranthene	19.97	252	28119m	3.33	ng	
89) Benzo(a)pyrene	20.30	252	52111	6.45	ng	94
91) Benzo(g,h,i)perylene	22.09	276	30089	4.59	ng	92

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

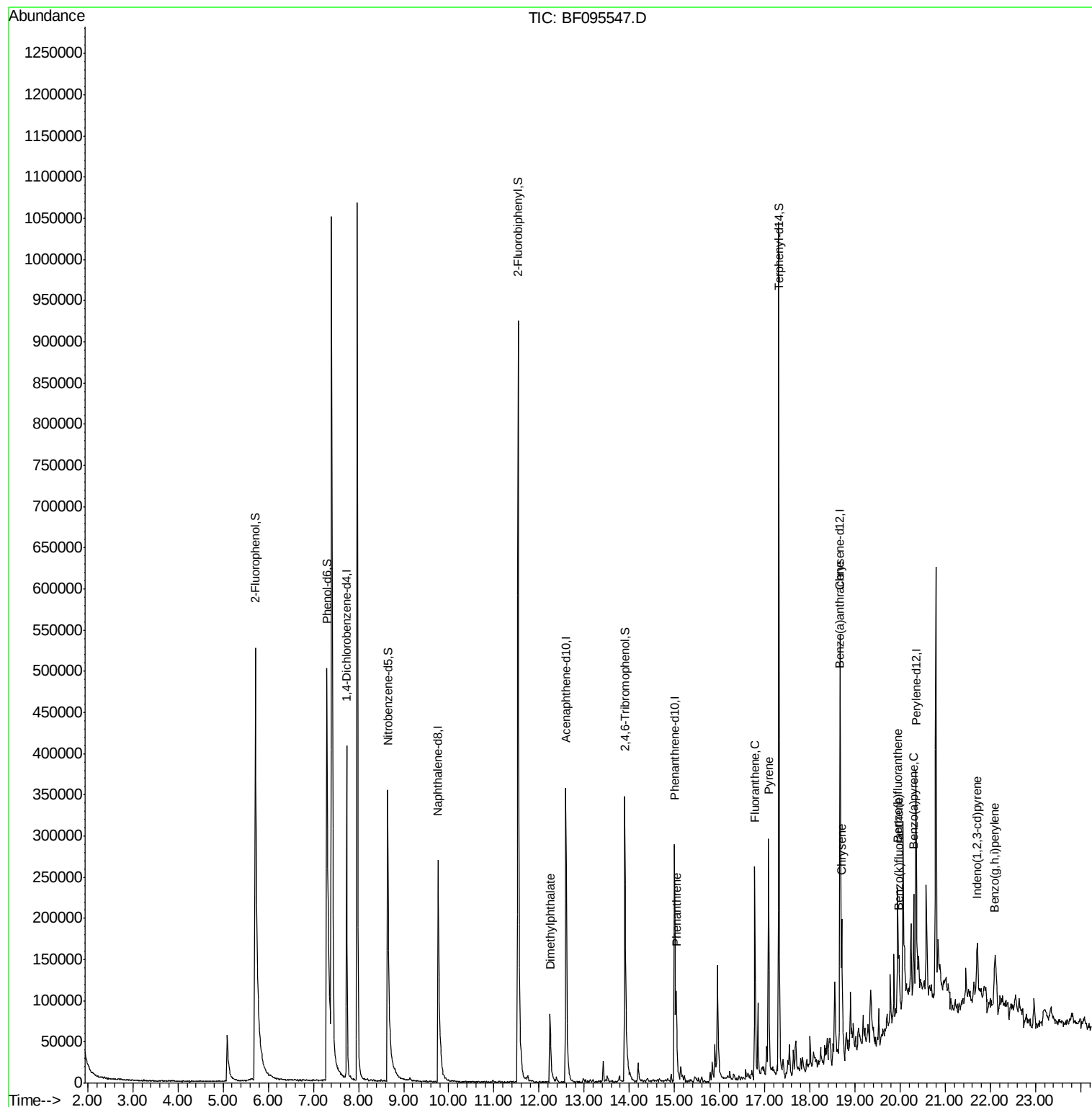
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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Sample : I3302-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

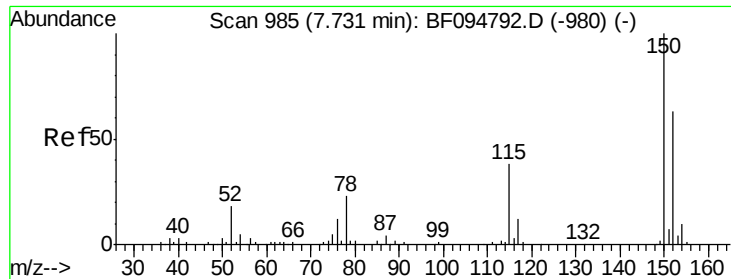
Instrument :
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NM17-COMP-0-6

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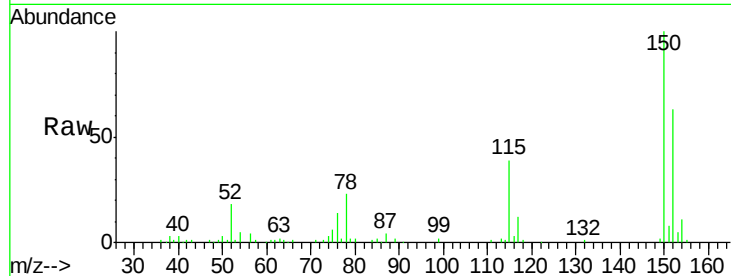
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.74 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF095547.D
 Acq: 30 May 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :
 NM17-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	62.4	52.2	78.2

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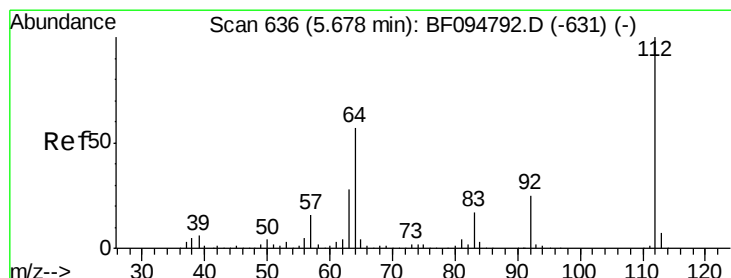
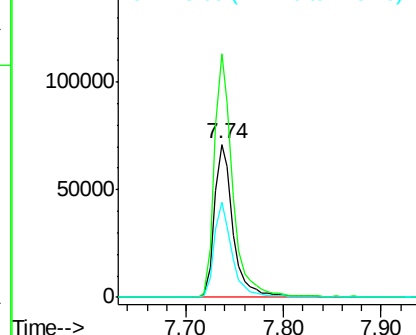
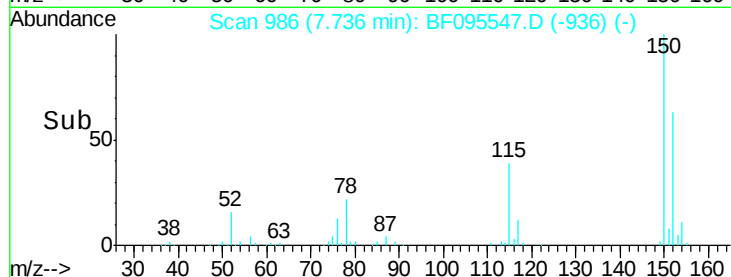


Abundance

Ion 152.00 (151.70 to 152.70): E

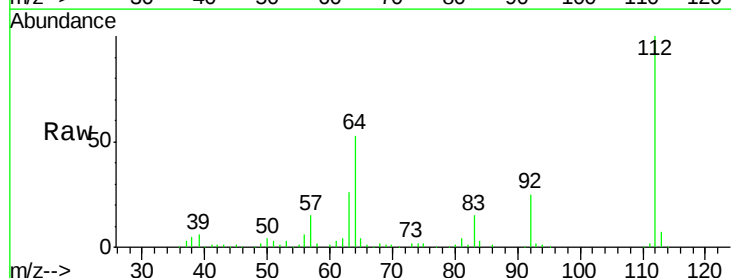
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 91.93 ng
 RT: 5.71 min Scan# 642
 Delta R.T. 0.01 min
 Lab File: BF095547.D
 Acq: 30 May 2017 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.0	69.0
63	25.5	23.4	35.0

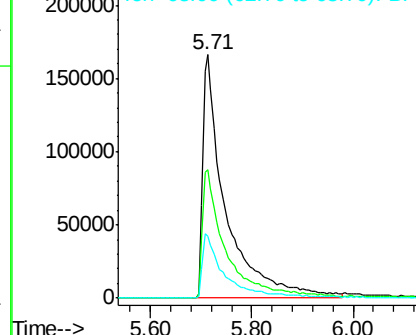
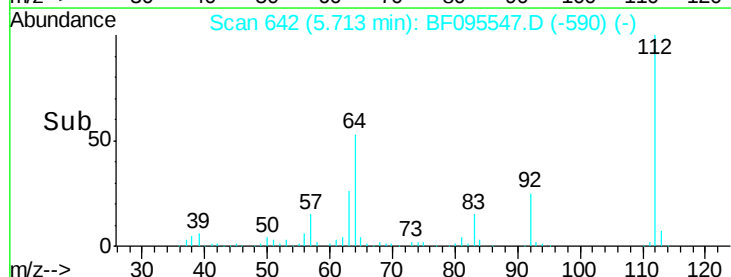


Abundance

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: 90.34 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF095547.D

Acq: 30 May 2017 21:29

Instrument :

BNA_F

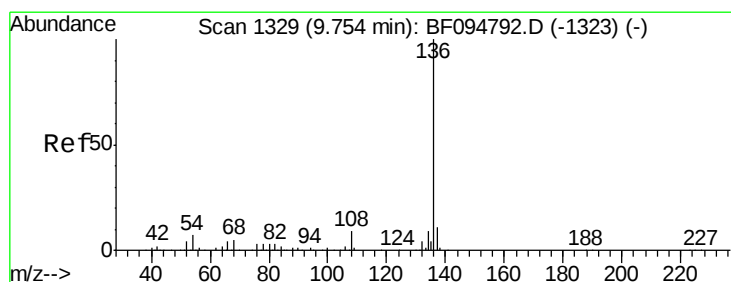
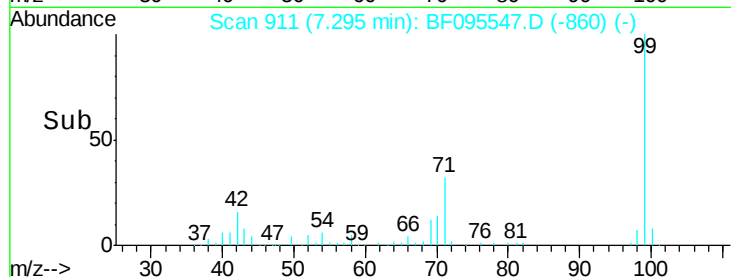
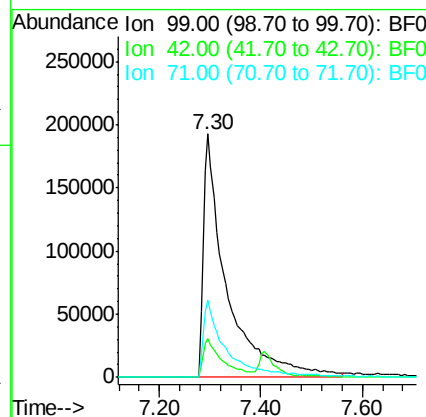
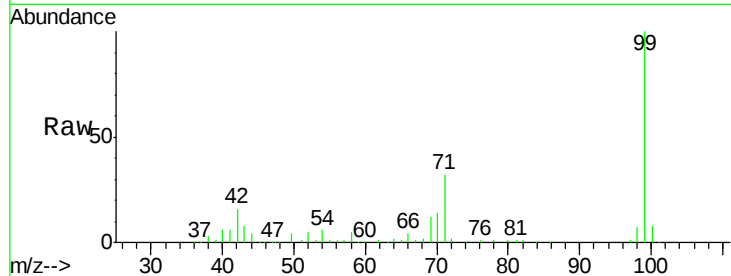
ClientSampled :

NM17-COMP-0-6

Tgt Ion:	99	Resp:	613324
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.5	20.3
71	31.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

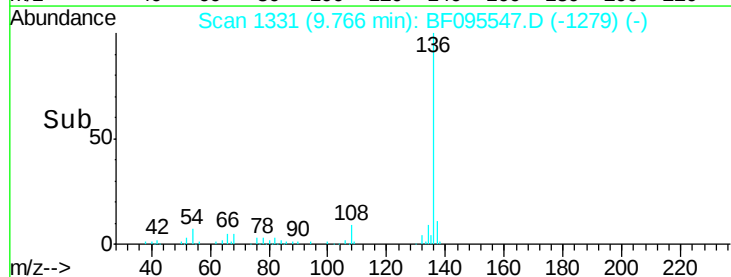
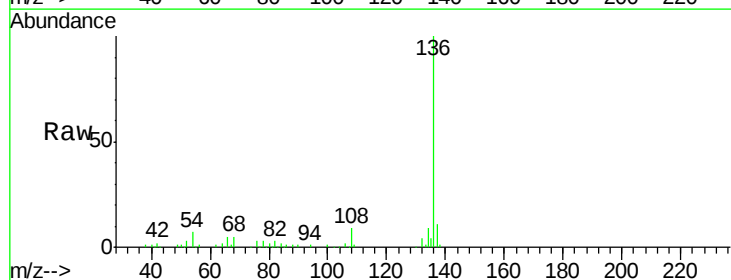
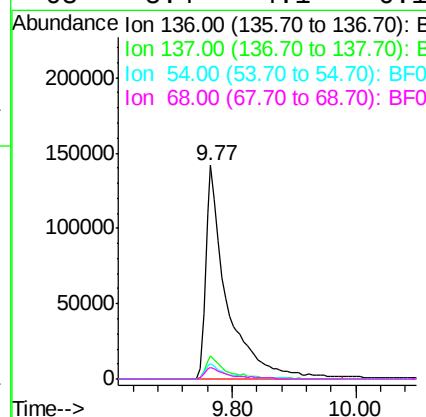
RT: 9.77 min Scan# 1331

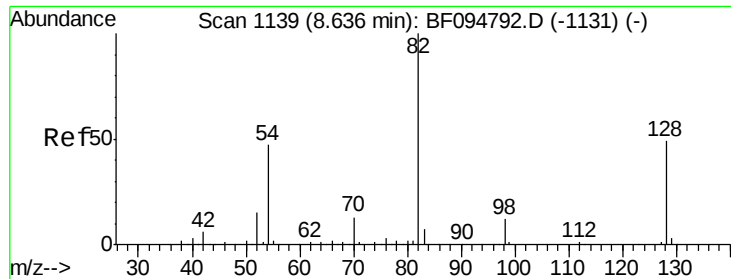
Delta R.T. 0.01 min

Lab File: BF095547.D

Acq: 30 May 2017 21:29

Tgt Ion:	136	Resp:	340930
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	7.4	4.9	7.3#
68	5.4	4.1	6.1





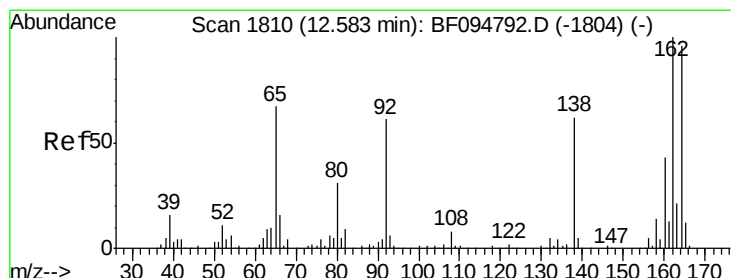
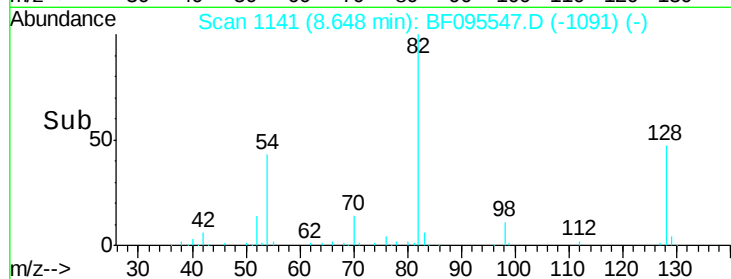
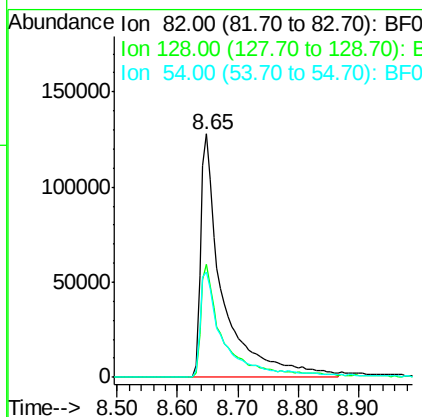
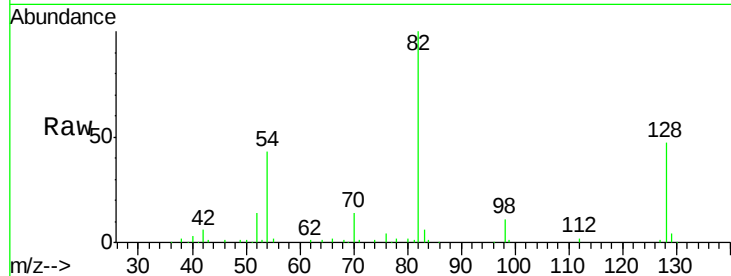
#23
 Nitrobenzene-d5
 Concen: 60.45 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095547.D
 Acq: 30 May 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :
 NM17-COMP-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	326822		
128	46.6	34.0	51.0	
54	43.4	42.2	63.2	

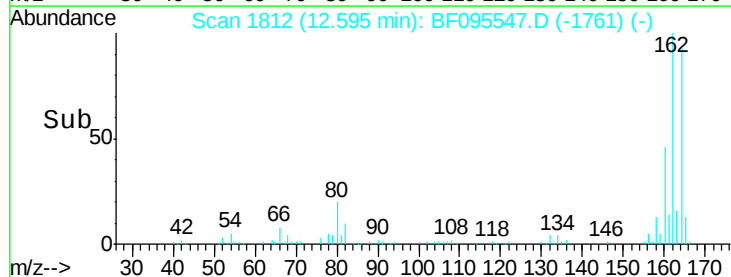
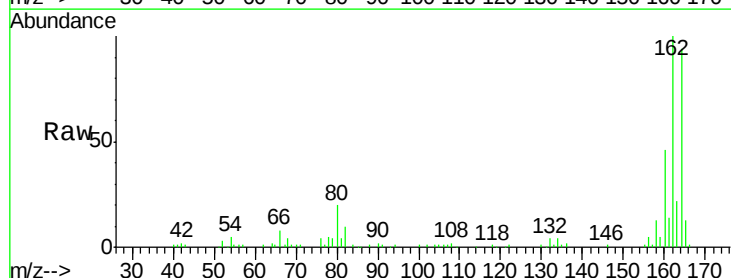
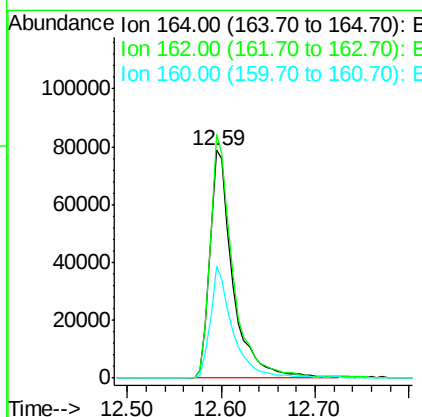
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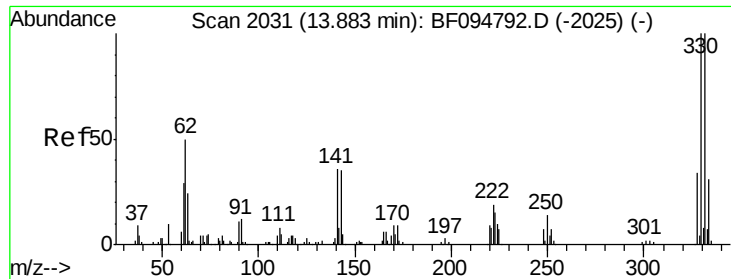
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF095547.D
 Acq: 30 May 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136557		
162	106.9	82.6	123.8	
160	48.8	36.2	54.2	





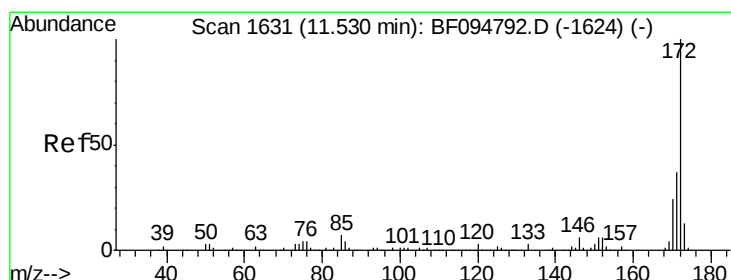
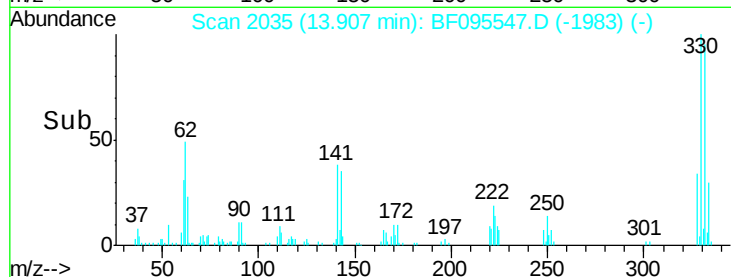
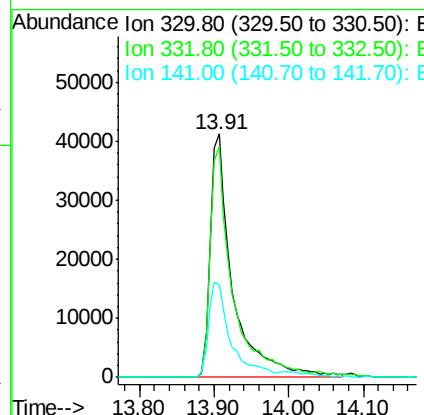
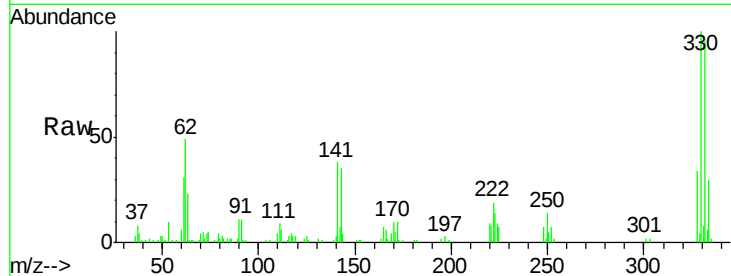
#41
 2,4,6-Tribromophenol
 Concen: 77.32 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF095547.D
 Acq: 30 May 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :
 NM17-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	40.5	31.4	47.2

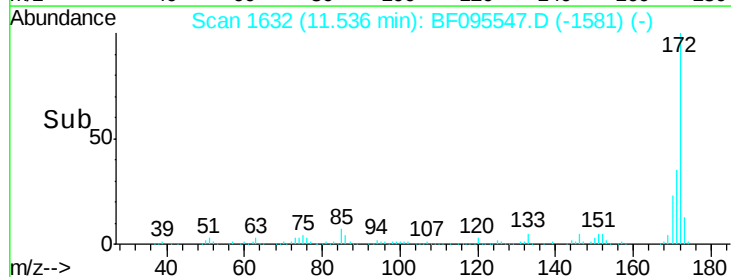
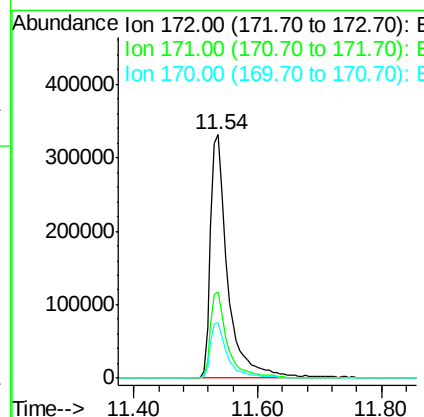
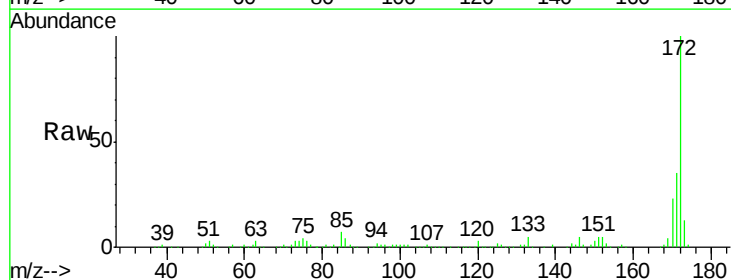
Manual Integrations
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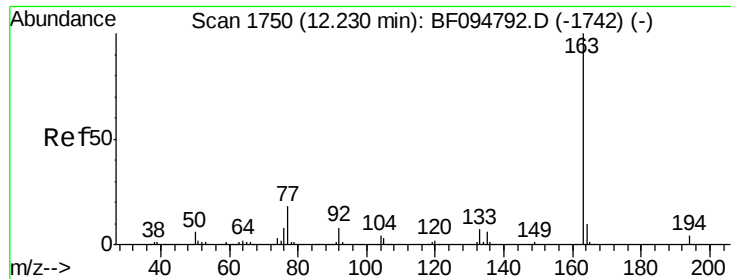
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#44
 2-Fluorobiphenyl
 Concen: 67.71 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095547.D
 Acq: 30 May 2017 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	22.8	19.8	29.8





#49

Dimethylphthalate

Concen: 8.35 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF095547.D

Acq: 30 May 2017 21:29

Instrument :

BNA_F

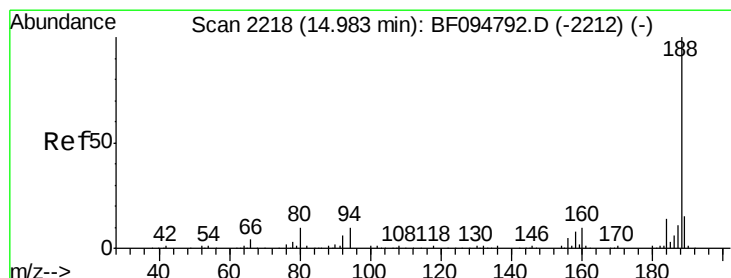
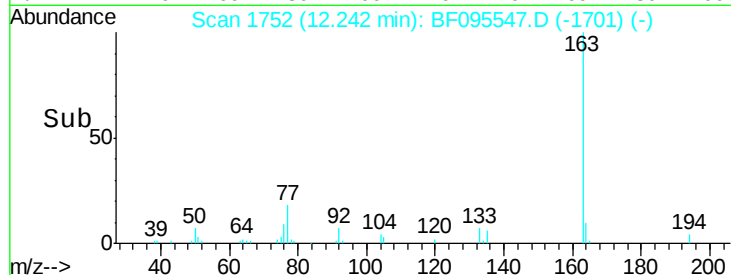
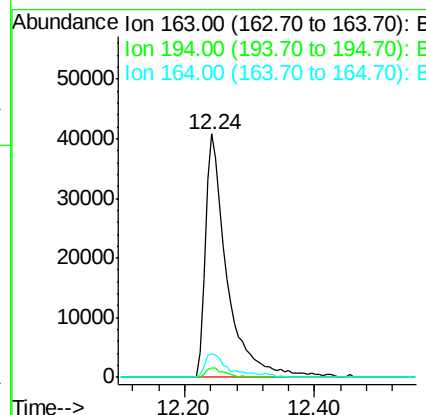
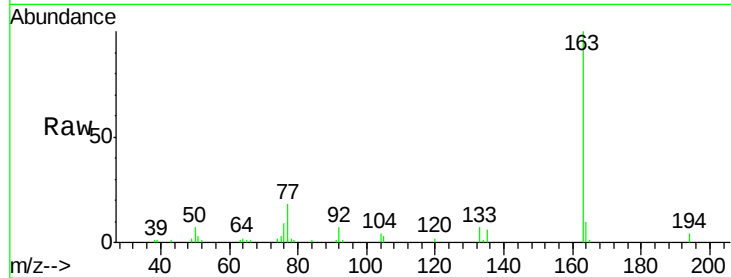
ClientSampleId :

NM17-COMP-0-6

Tgt Ion:	163	Resp:	93573
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.6	4.0
164	9.7	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.00 ng

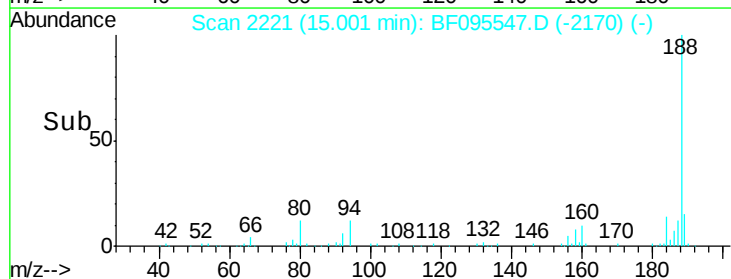
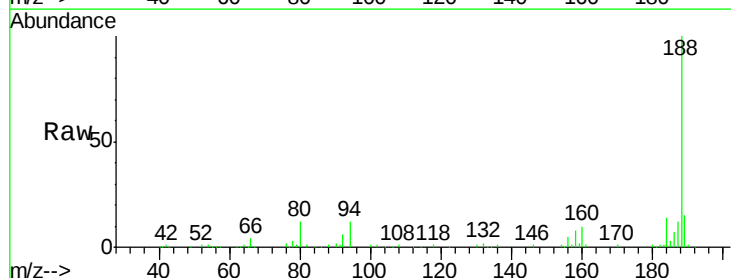
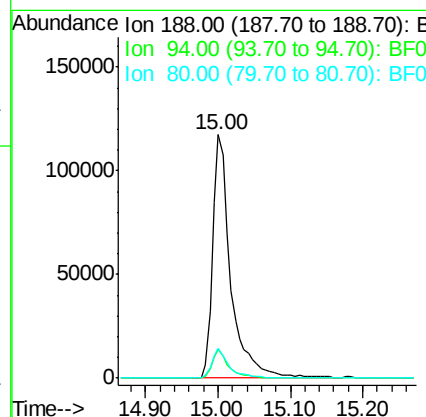
RT: 15.00 min Scan# 2221

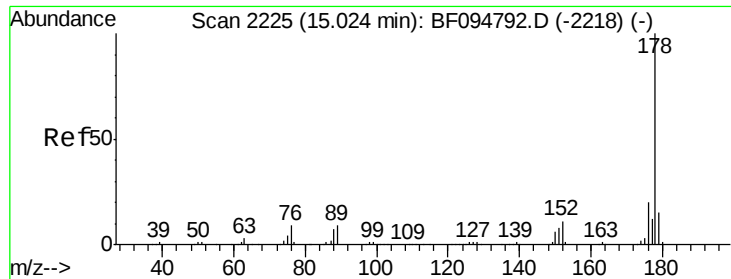
Delta R.T. -0.00 min

Lab File: BF095547.D

Acq: 30 May 2017 21:29

Tgt Ion:	188	Resp:	203747
Ion Ratio	Lower	Upper	
188	100		
94	11.7	9.4	14.2
80	12.1	10.2	15.2





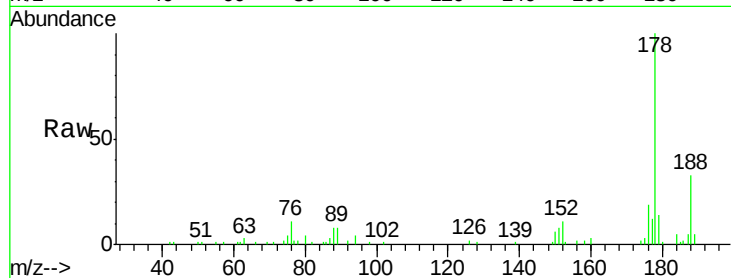
#70
Phenanthrene
Concen: 5.64 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095547.D
Acq: 30 May 2017 21:29

Instrument :
BNA_F
ClientSampleId :
NM17-COMP-0-6

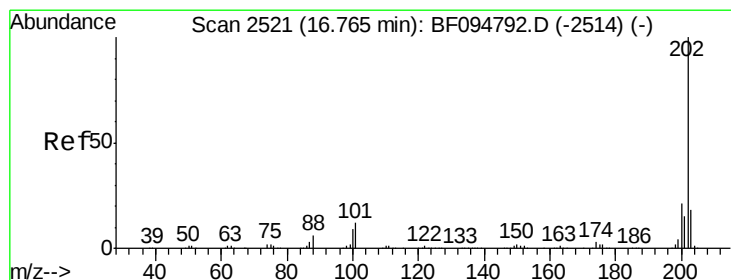
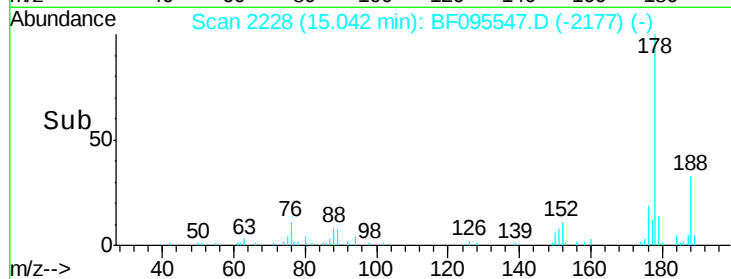
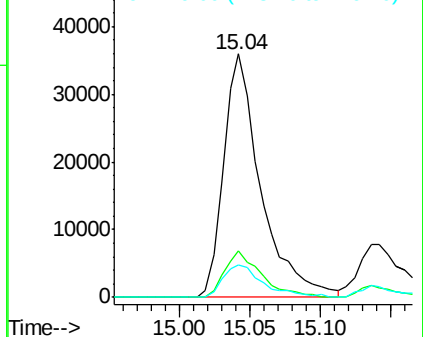
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	13.5	12.6	19.0

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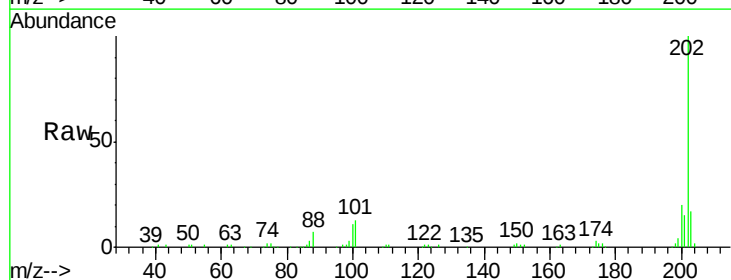


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

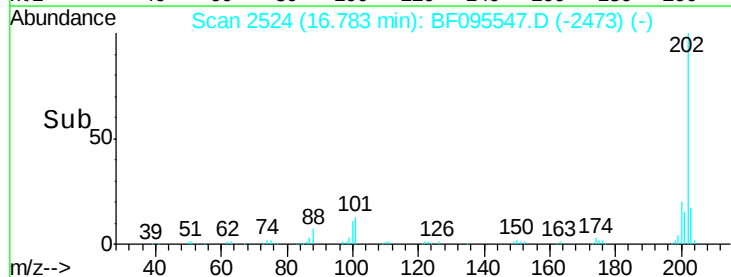
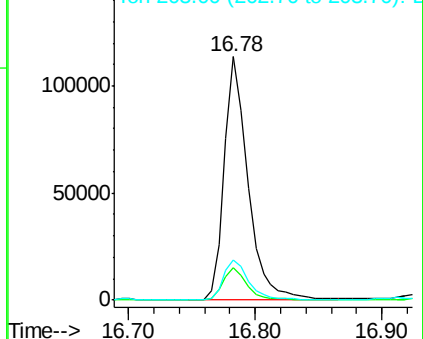


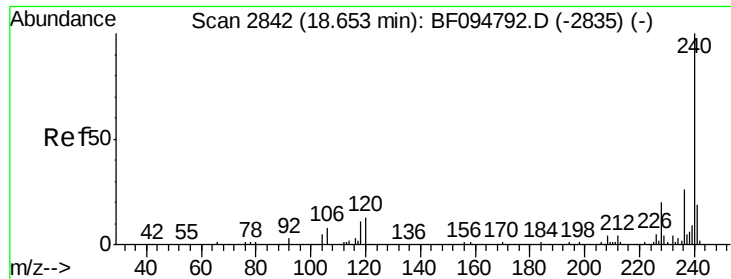
#74
Fluoranthene
Concen: 12.39 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BF095547.D
Acq: 30 May 2017 21:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	16.6	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095547.D

Acq: 30 May 2017 21:29

Instrument :

BNA_F

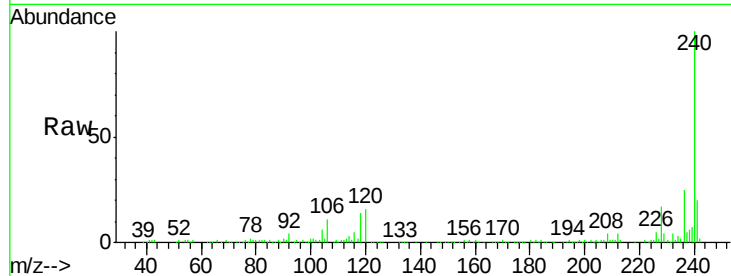
ClientSampleId :

NM17-COMP-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	206642		
120	16.1	5.8	8.8#	
236	25.0	20.5	30.7	

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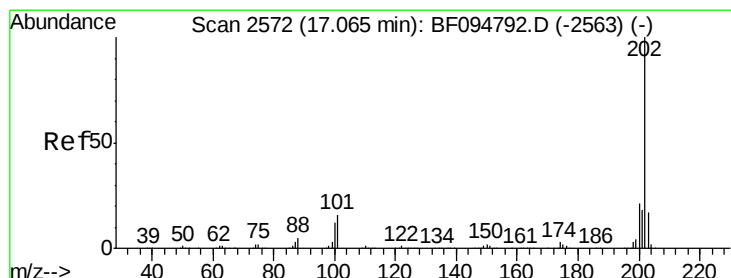
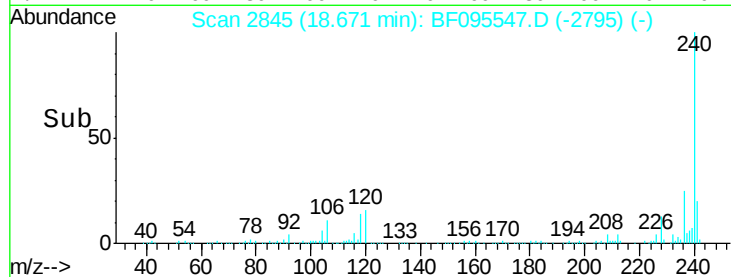
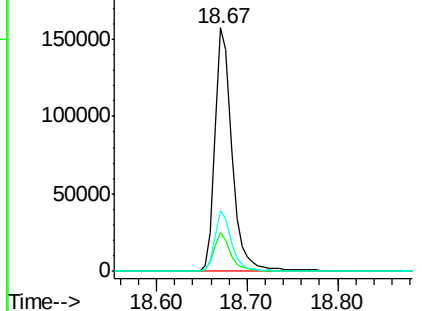
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 8.94 ng

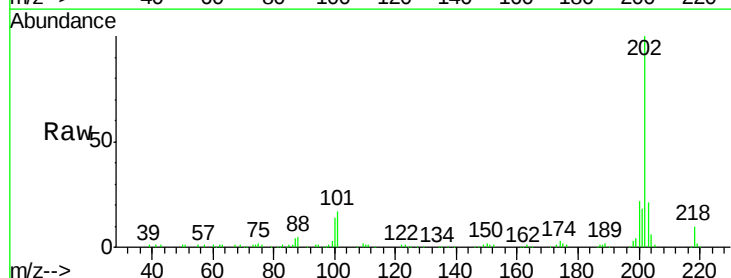
RT: 17.08 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF095547.D

Acq: 30 May 2017 21:29

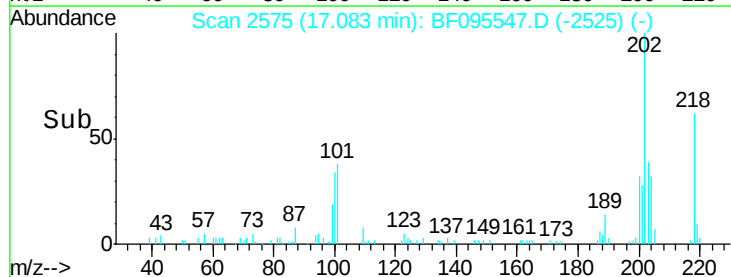
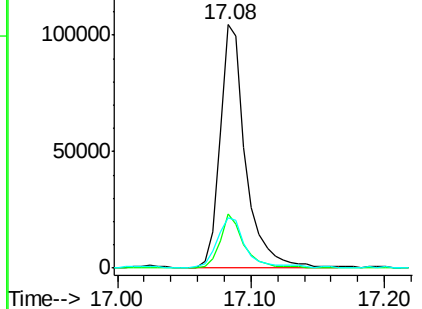
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	138217		
200	22.4	17.6	26.4	
203	20.9	14.4	21.6	

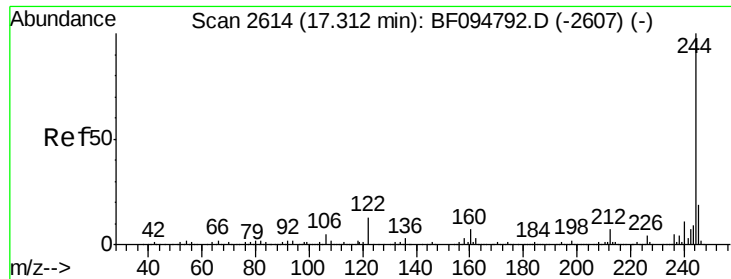


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





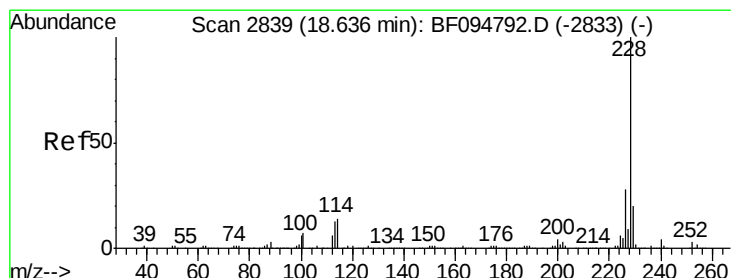
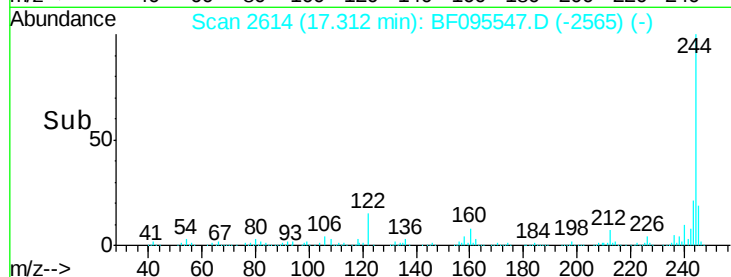
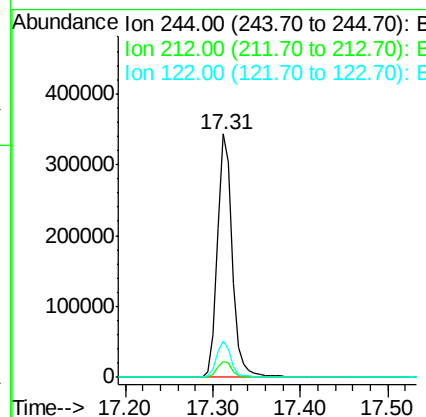
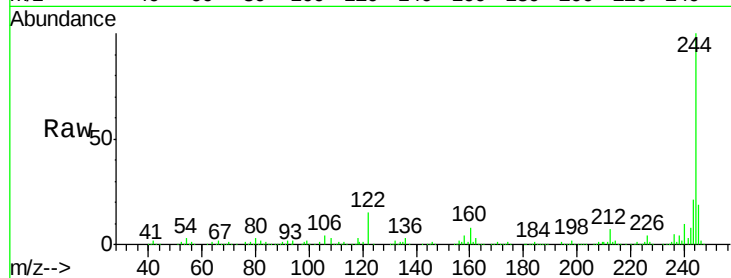
#78
 Terphenyl-d14
 Concen: 43.46 ng
 RT: 17.31 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BF095547.D
 Acq: 30 May 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :
 NM17-COMP-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	407767		
212	6.7	6.0	9.0	
122	14.9	10.3	15.5	

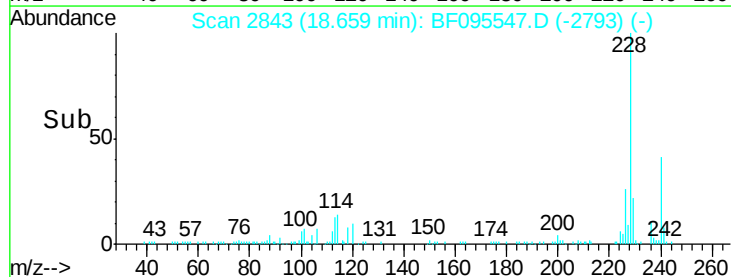
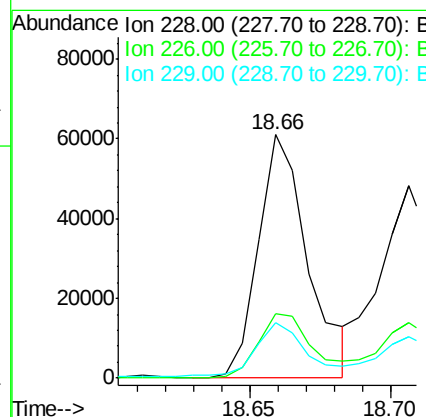
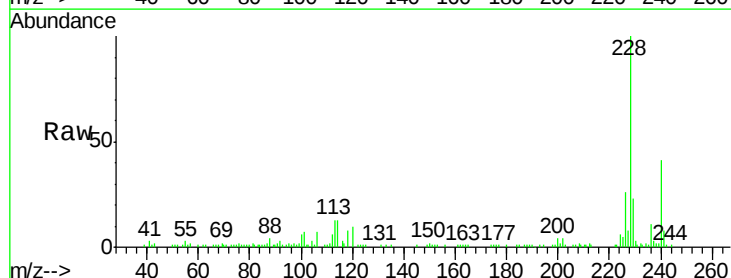
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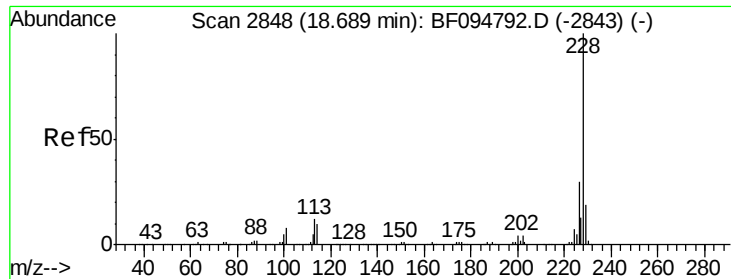
mohammad
 5/31/2017 5:02:53 PM



#80
 Benzo(a)anthracene
 Concen: 6.17 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BF095547.D
 Acq: 30 May 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	74213		
226	26.3	22.6	33.8	
229	22.6	16.3	24.5	





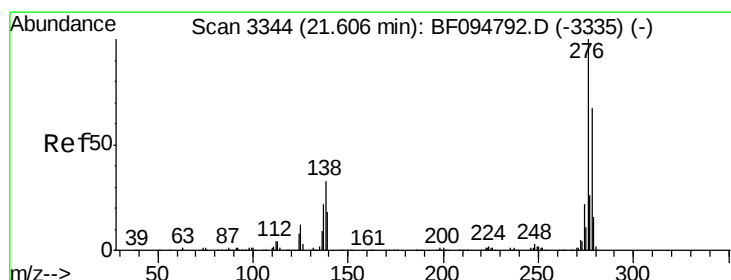
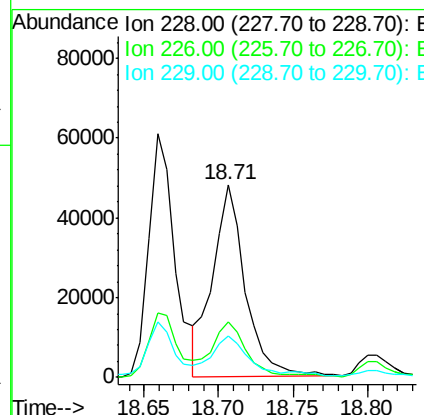
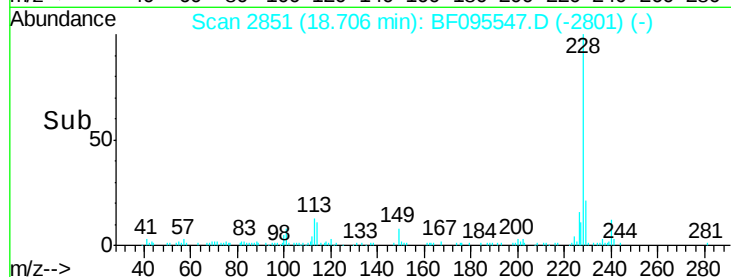
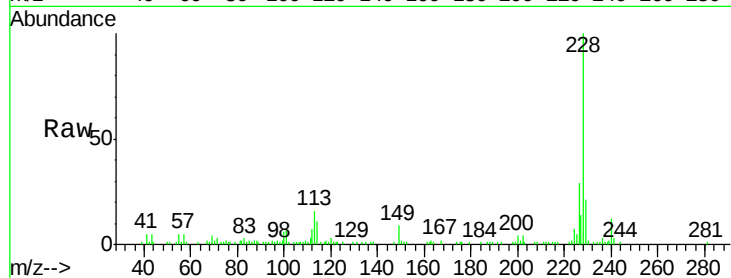
#82
Chrysene
Concen: 6.29 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095547.D
Acq: 30 May 2017 21:29

Instrument :
BNA_F
ClientSampleId :
NM17-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	21.5	15.8	23.6

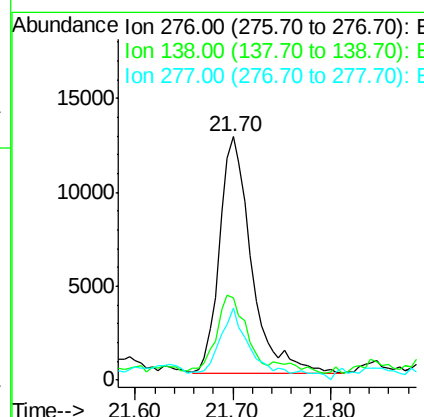
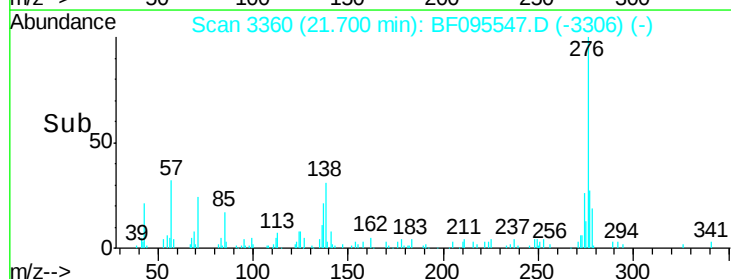
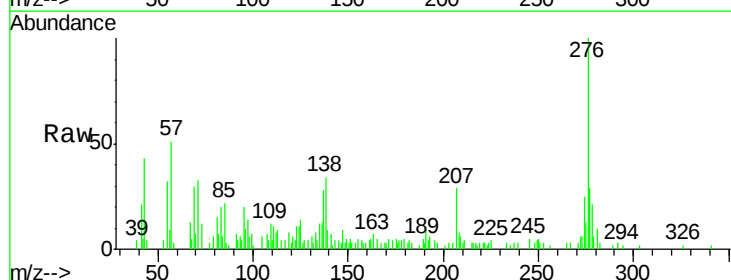
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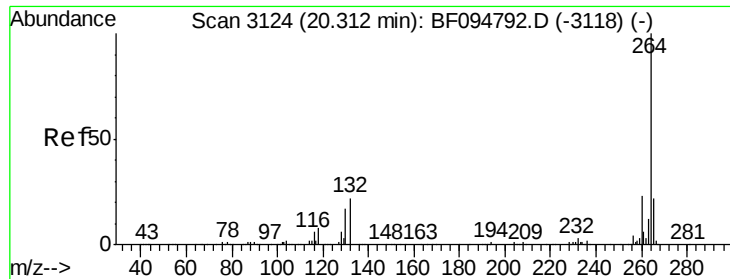
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.03 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.02 min
Lab File: BF095547.D
Acq: 30 May 2017 21:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	27.8	41.6
277	24.0	20.2	30.4





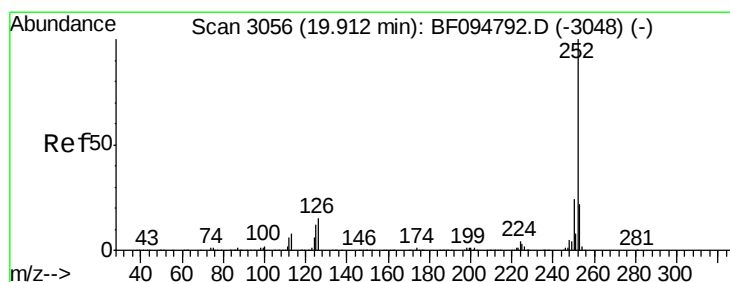
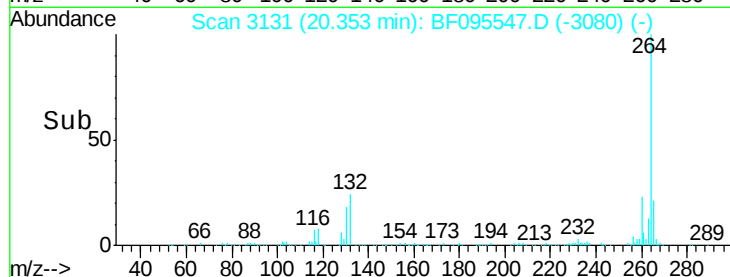
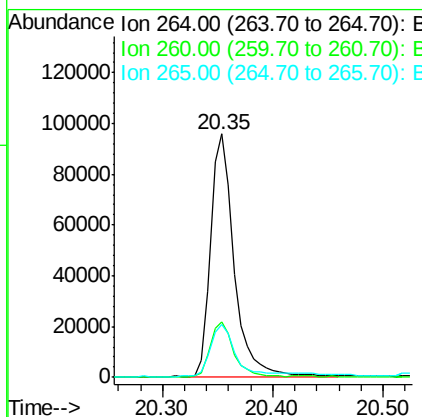
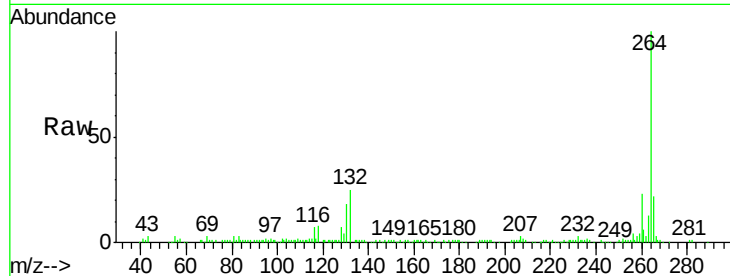
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BF095547.D
Acq: 30 May 2017 21:29

Instrument :
BNA_F
ClientSampleId :
NM17-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.7	17.2	25.8

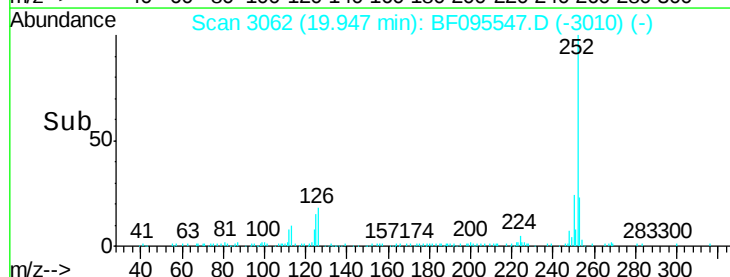
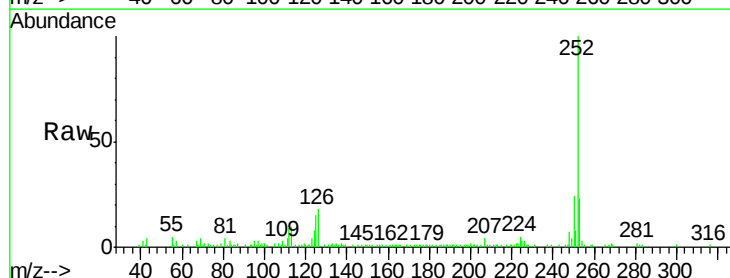
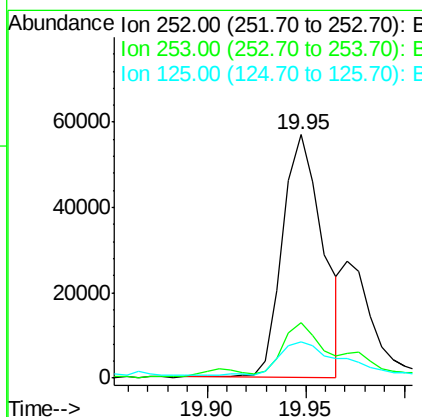
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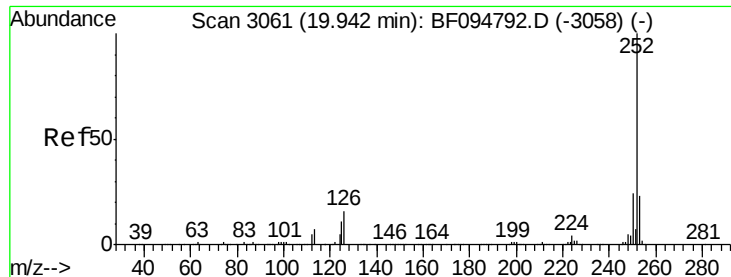
mohammad
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#87
Benzo(b)fluoranthene
Concen: 9.19 ng m
RT: 19.95 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BF095547.D
Acq: 30 May 2017 21:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	14.7	9.8	14.8





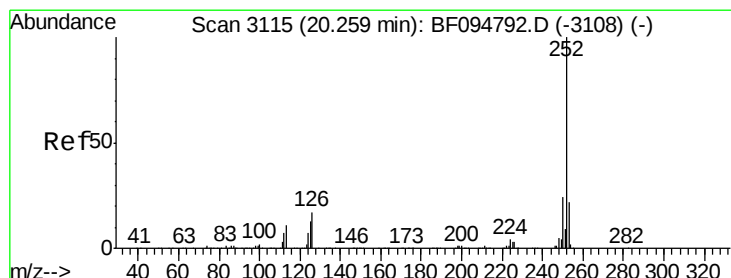
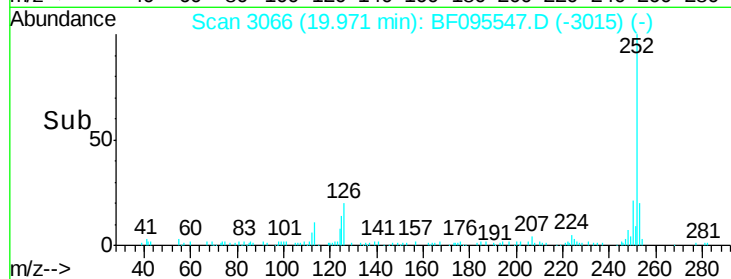
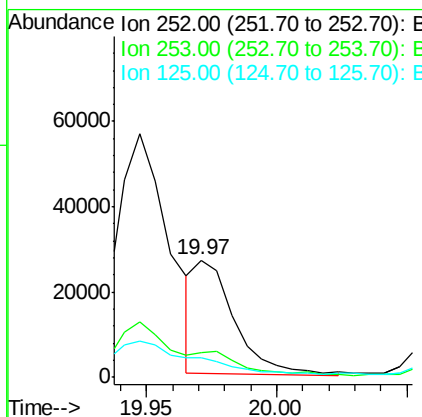
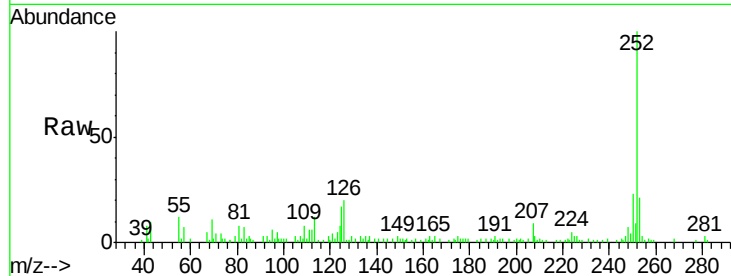
#88
Benzo(k)fluoranthene
Concen: 3.33 ng m
RT: 19.97 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BF095547.D
Acq: 30 May 2017 21:29

Instrument :
BNA_F
ClientSampleId :
NM17-COMP-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.4	27.6
125	16.6	13.1	19.7

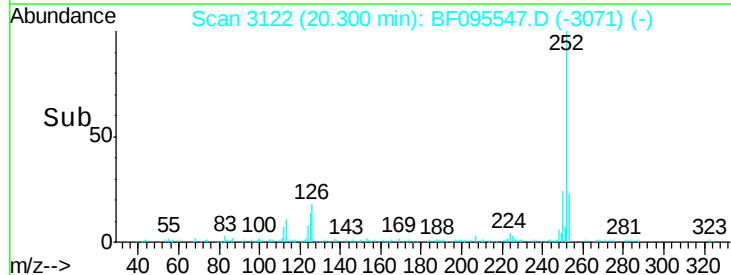
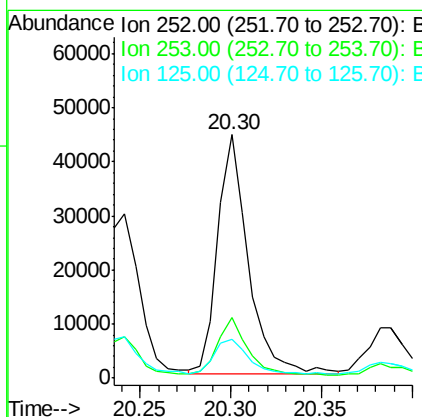
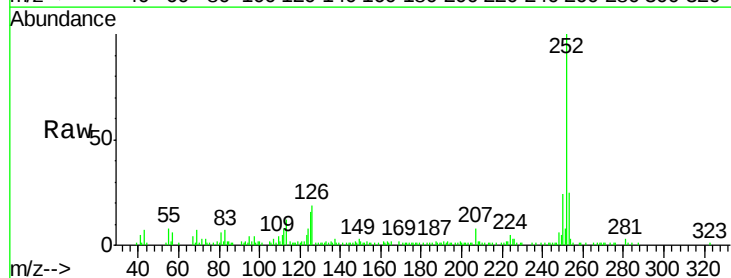
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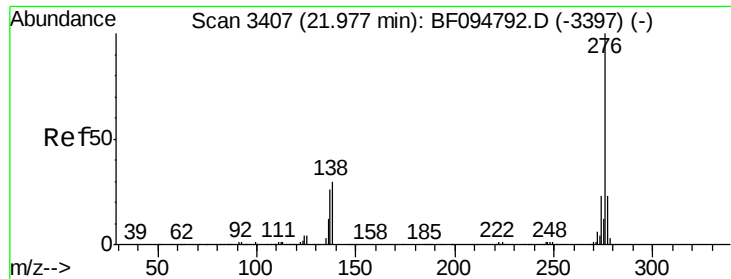
mohammad
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#89
Benzo(a)pyrene
Concen: 6.45 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BF095547.D
Acq: 30 May 2017 21:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	16.0	11.0	16.4





#91
 Benzo(g,h,i)perylene
 Concen: 4.59 ng
 RT: 22.09 min Scan# 3427
 Delta R.T. 0.02 min
 Lab File: BF095547.D
 Acq: 30 May 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :
 NM17-COMP-0-6

Tgt Ion:	276	Resp:	30089
Ion Ratio	Lower	Upper	
276	100		
277	25.7	18.6	28.0
138	37.1	25.4	38.0

Manual Integrations
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