

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095518.D
 Acq On : 28 May 2017 2:38
 Operator : SJ/MA
 Sample : I3244-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM7-COMP-0-6

Manual Integrations
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Quant Time: May 29 03:47:42 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	96114	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	372014	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	149199	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	216007	20.00	ng	0.00
75) Chrysene-d12	18.67	240	205269	20.00	ng	0.00
86) Perylene-d12	20.35	264	167072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	615600	106.78	ng	0.00
7) Phenol-d6	7.28	99	724197	104.70	ng	-0.01
23) Nitrobenzene-d5	8.64	82	396974	67.29	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	101023	82.68	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	585908	56.52	ng	0.00
78) Terphenyl-d14	17.31	244	342549	36.76	ng	-0.01
Target Compounds						
49) Dimethylphthalate	12.24	163	85285	6.96	ng	# 99
70) Phenanthrene	15.05	178	60294	4.86	ng	94
74) Fluoranthene	16.79	202	108555	8.53	ng	99
77) Pyrene	17.09	202	102186	6.66	ng	# 94
80) Benzo(a)anthracene	18.67	228	47138m	3.95	ng	
82) Chrysene	18.71	228	53336	4.62	ng	97
85) Indeno(1,2,3-cd)pyrene	21.71	276	20212	2.15	ng	95
87) Benzo(b)fluoranthene	19.95	252	50686m	4.91	ng	
89) Benzo(a)pyrene	20.30	252	39081	4.10	ng	# 92
91) Benzo(g,h,i)perylene	22.11	276	19958	2.59	ng	# 90

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

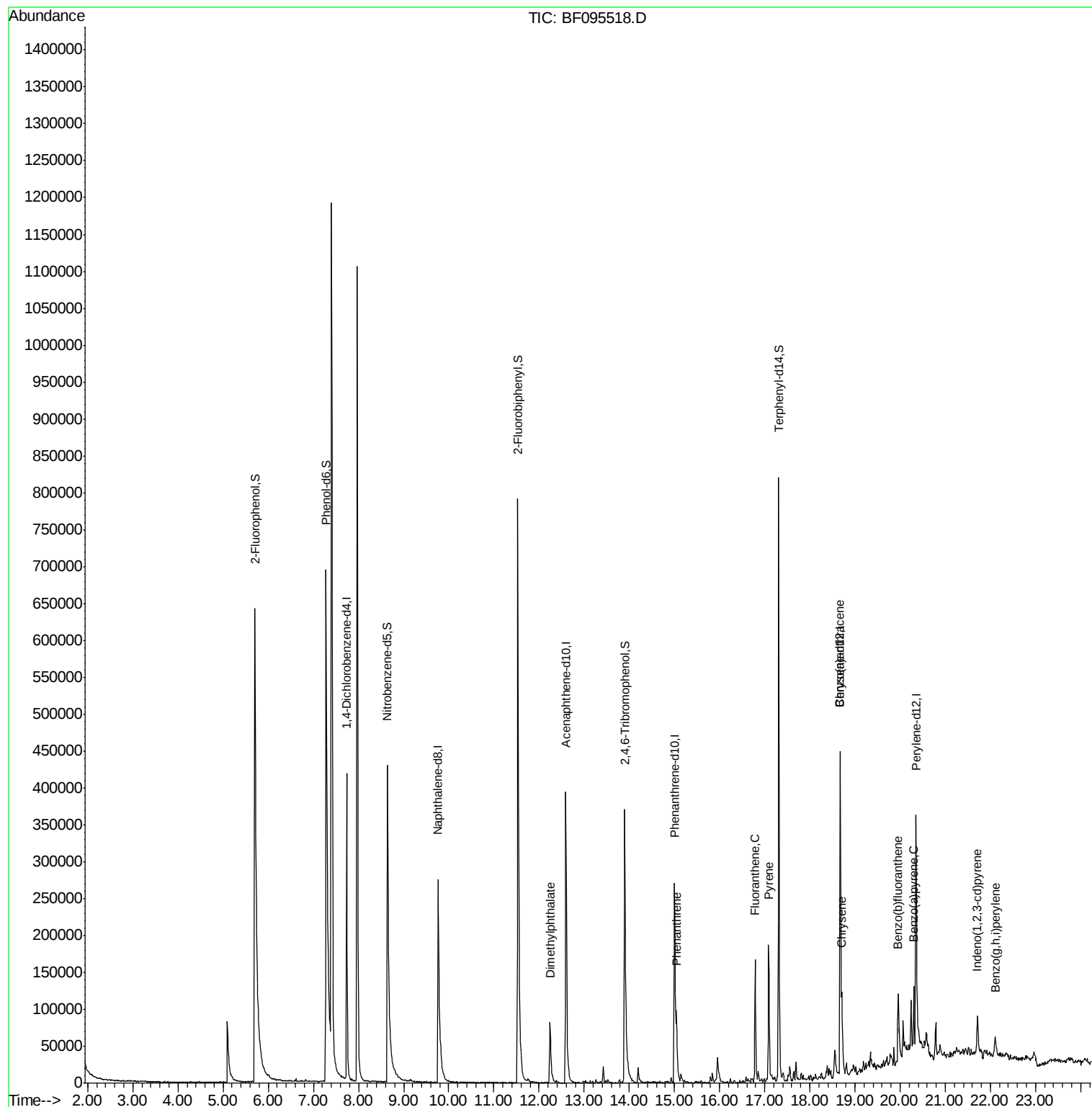
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095518.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

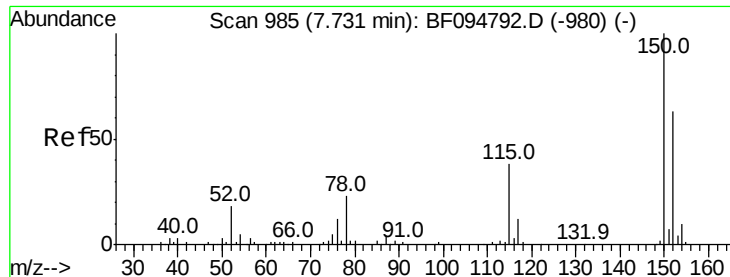
Instrument :
BNA_F
ClientSampleId :
NM7-COMP-0-6

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#1

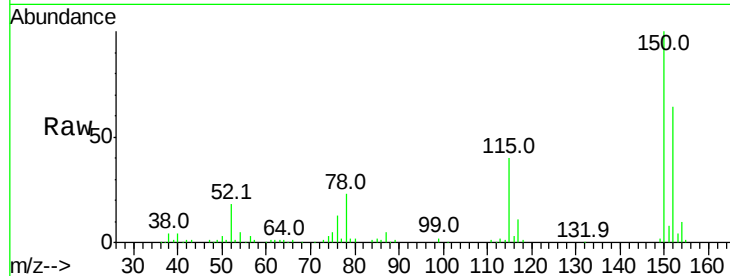
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095518.D
Acq: 28 May 2017 2:38

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	62.3	52.2	78.2

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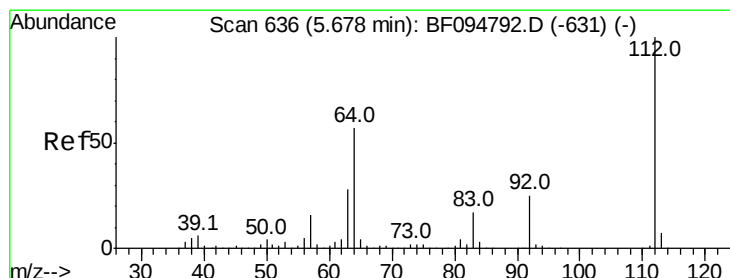
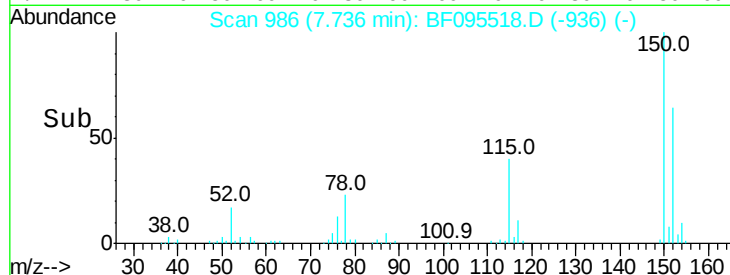
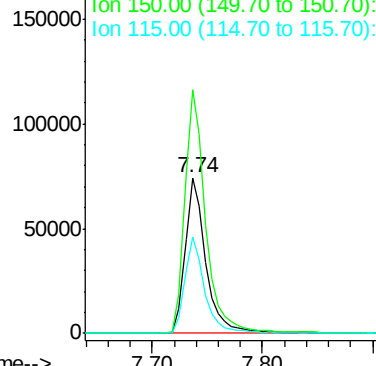


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

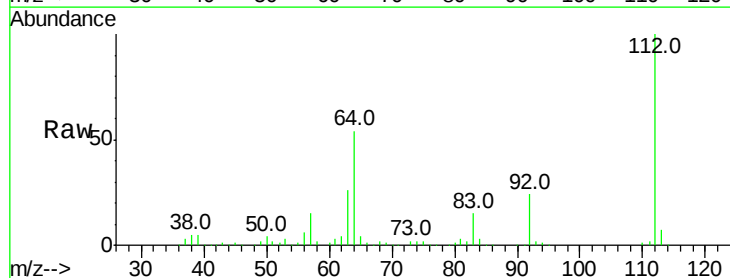
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.78 ng
RT: 5.71 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF095518.D
Acq: 28 May 2017 2:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	25.7	23.4	35.0

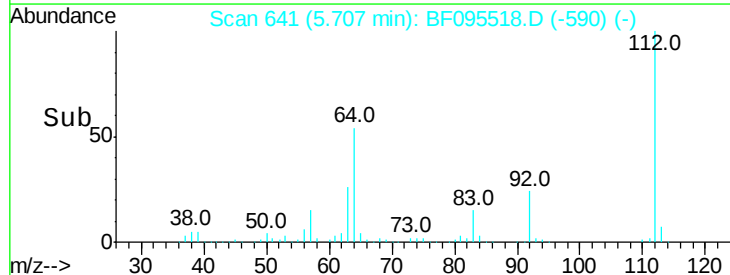
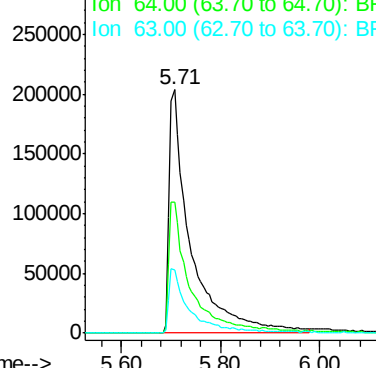


Abundance

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: 104.70 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095518.D

Acq: 28 May 2017 2:38

Instrument :

BNA_F

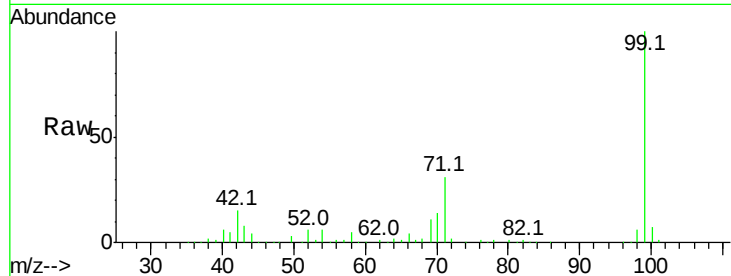
ClientSampleId :

NM7-COMP-0-6

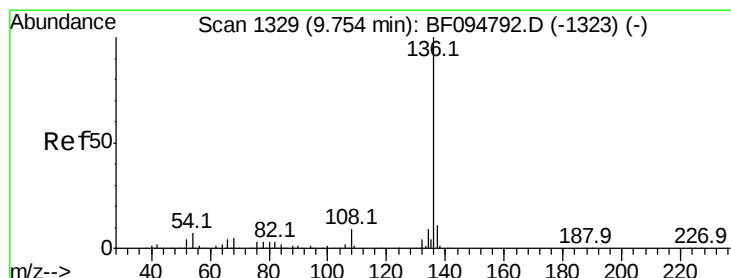
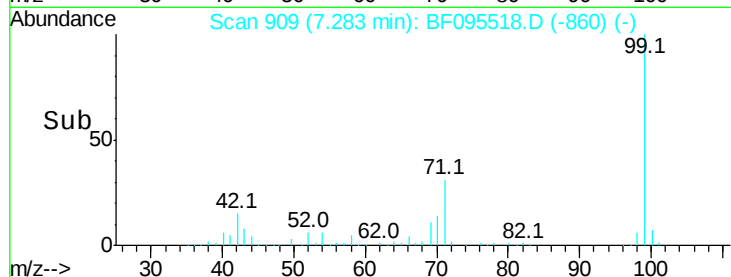
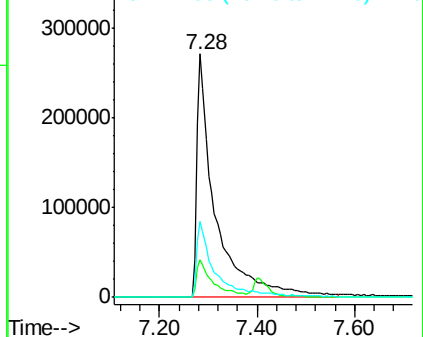
Tot Ion:	99	Resp:	724197
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.5	20.3
71	31.0	24.5	36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

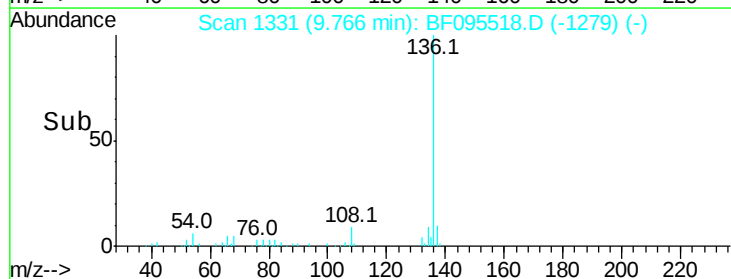
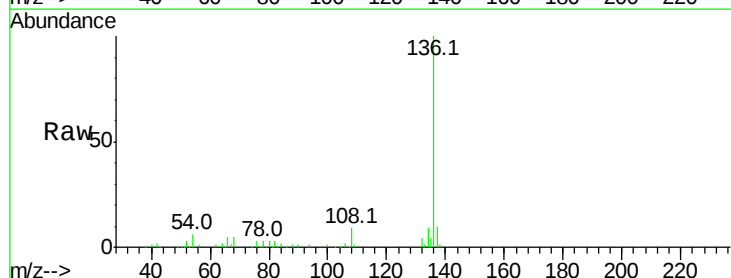
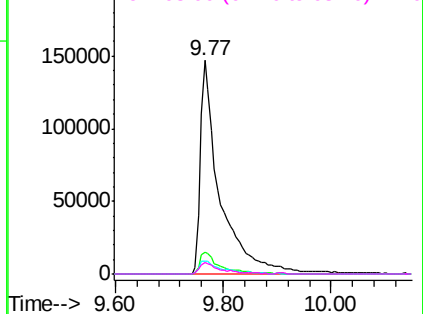
Delta R.T. 0.01 min

Lab File: BF095518.D

Acq: 28 May 2017 2:38

Tgt Ion:	136	Resp:	372014
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	6.2	4.9	7.3
68	5.4	4.1	6.1

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





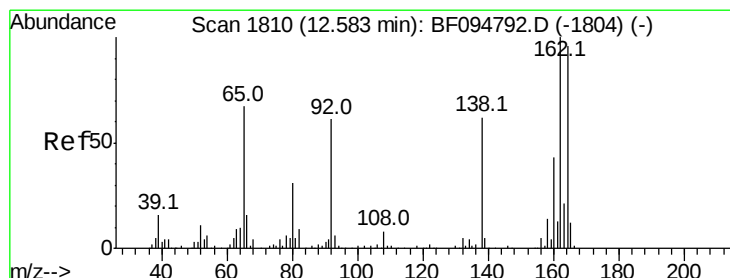
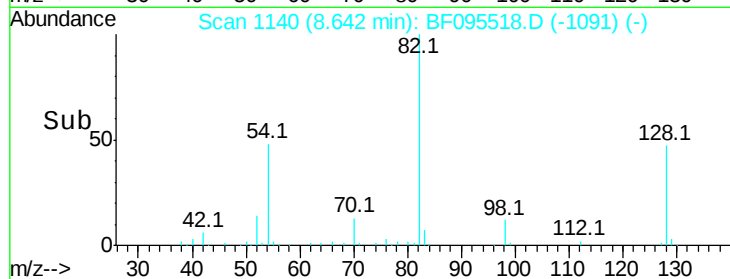
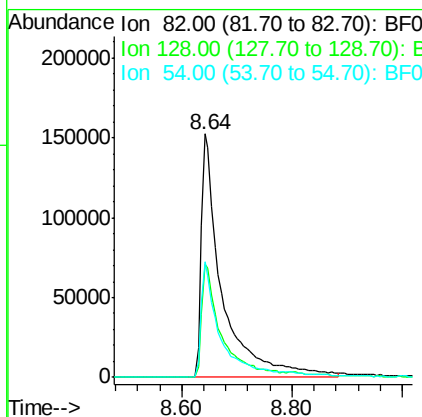
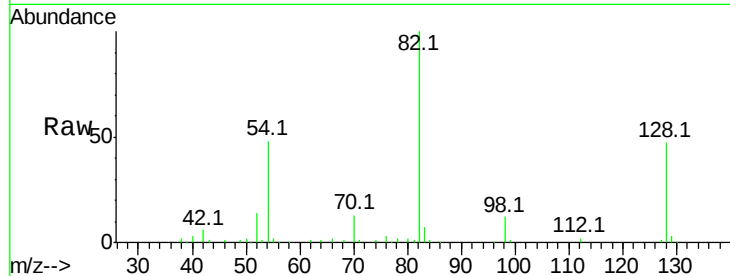
#23
 Nitrobenzene-d5
 Concen: 67.29 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095518.D
 Acq: 28 May 2017 2:38

Instrument :
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 ClientSampleId :
 NM7-COMP-0-6

Tot Ion	82	Resp	396974
Ion Ratio	100	Lower	Upper
128	46.7	34.0	51.0
54	47.7	42.2	63.2

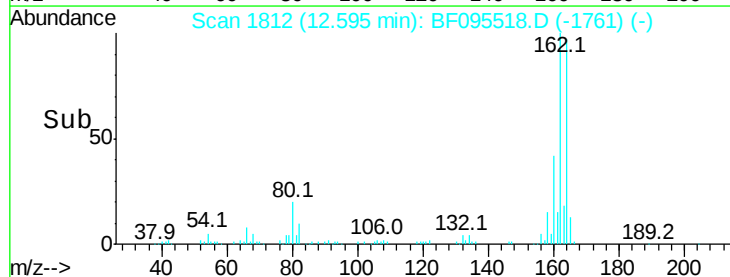
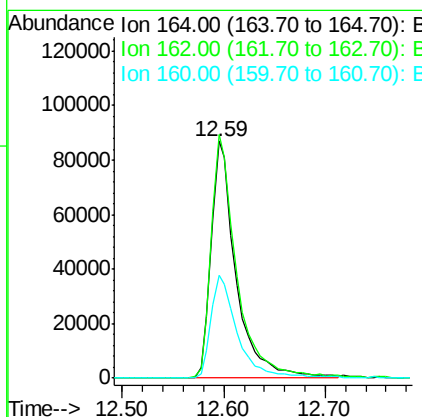
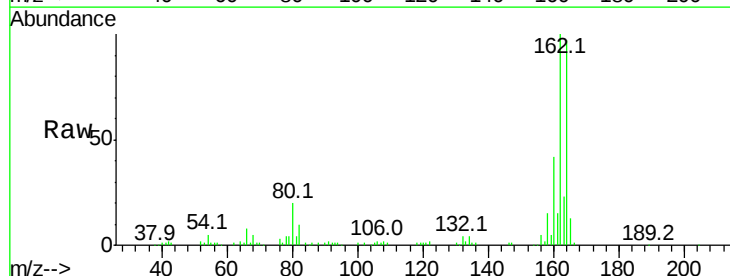
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF095518.D
 Acq: 28 May 2017 2:38

Tgt Ion	164	Resp	149199
Ion Ratio	100	Lower	Upper
162	102.7	82.6	123.8
160	43.3	36.2	54.2





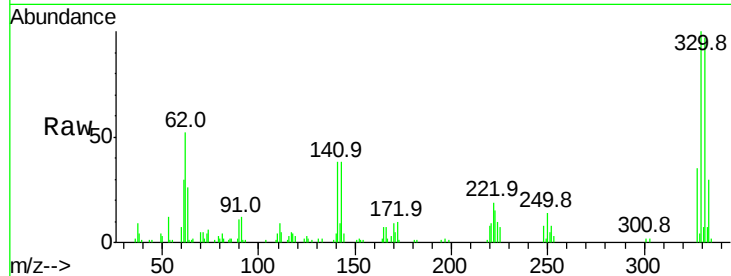
#41
 2,4,6-Tribromophenol
 Concen: 82.68 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF095518.D
 Acq: 28 May 2017 2:38

Instrument :
 BNA_F
 ClientSampleId :
 NM7-COMP-0-6

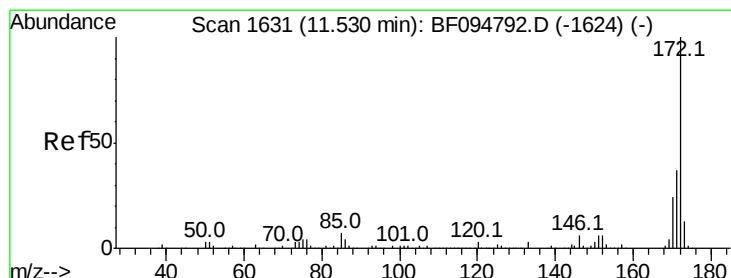
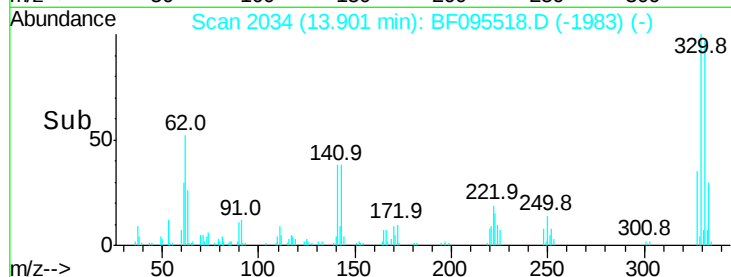
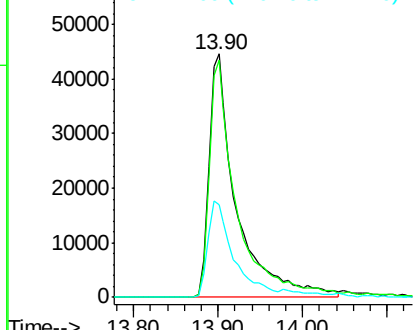
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.1	76.6	115.0	
141	37.4	31.4	47.2	

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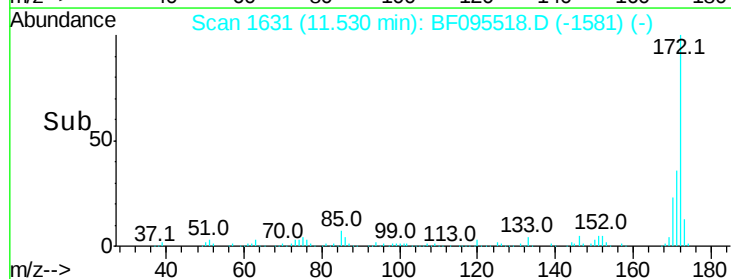
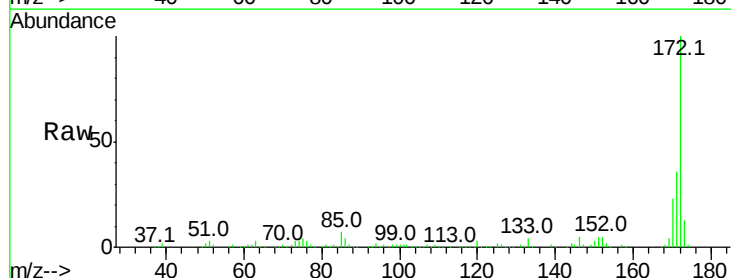
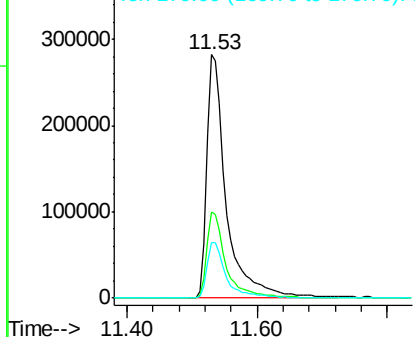
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 56.52 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095518.D
 Acq: 28 May 2017 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	29.6	44.4	
170	23.0	19.8	29.8	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





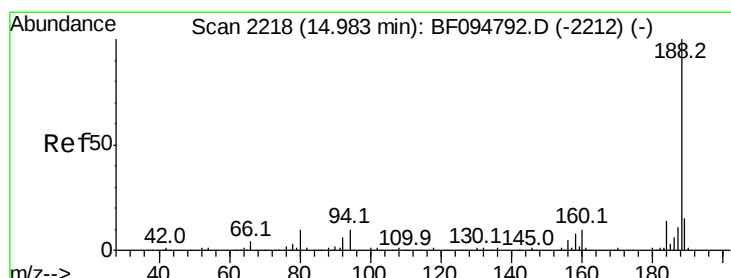
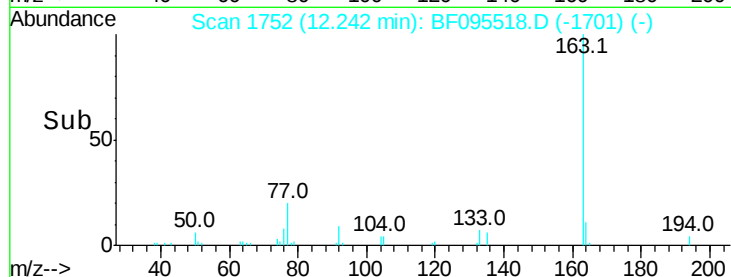
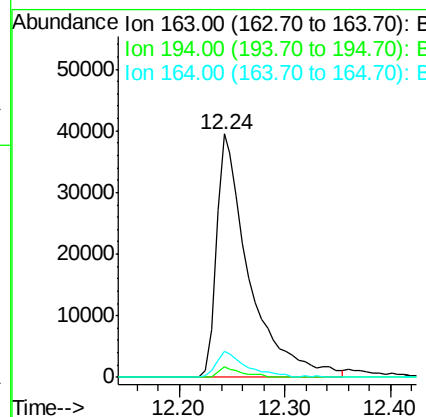
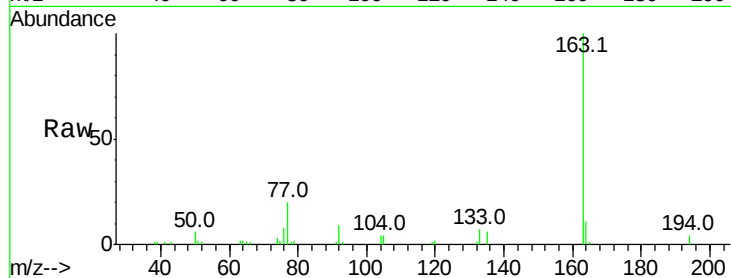
#49
Dimethylphthalate
Concen: 6.96 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BF095518.D
Acq: 28 May 2017 2:38

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.6	4.0#
164	10.8	8.4	12.6

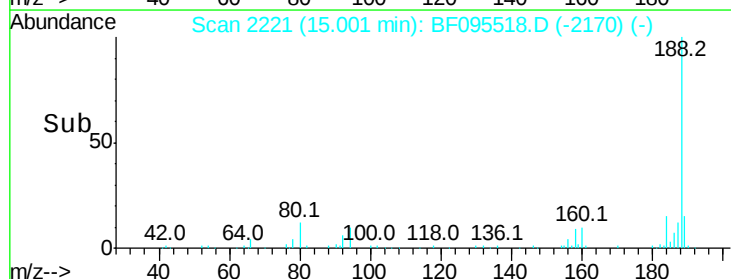
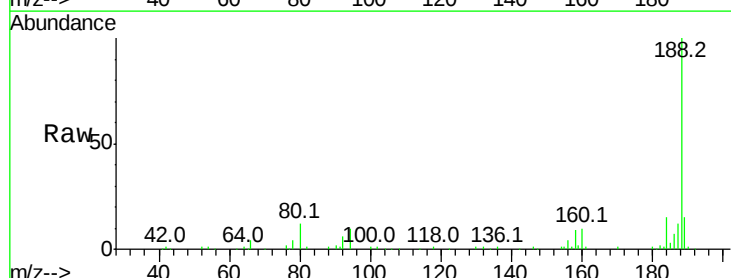
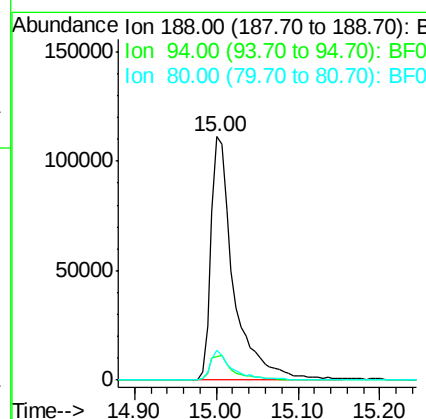
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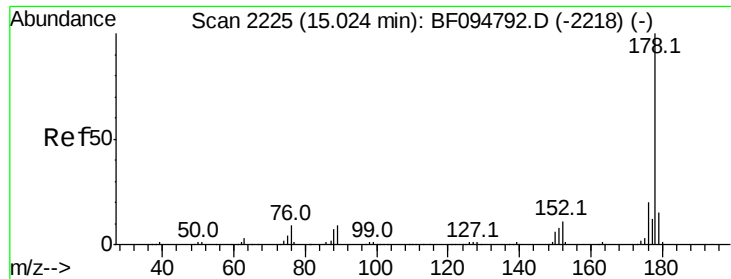
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF095518.D
Acq: 28 May 2017 2:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	12.5	10.2	15.2





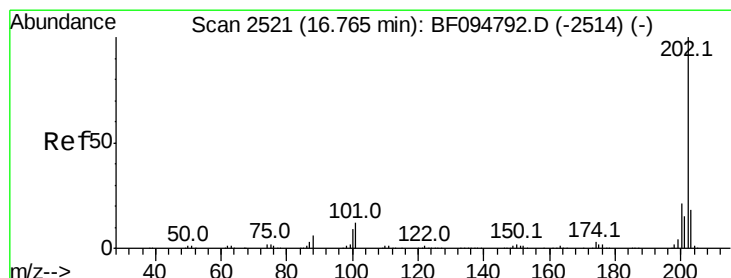
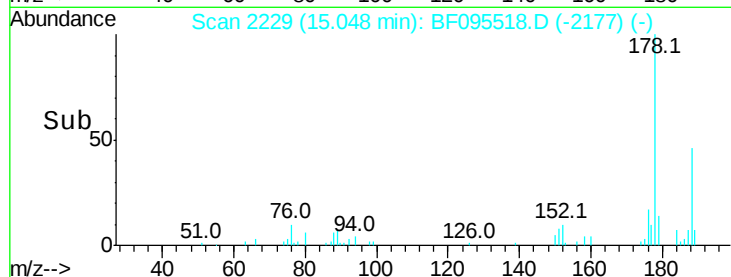
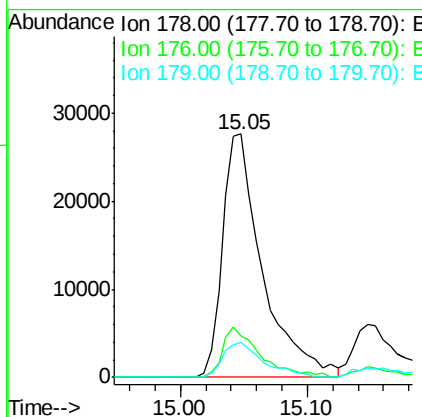
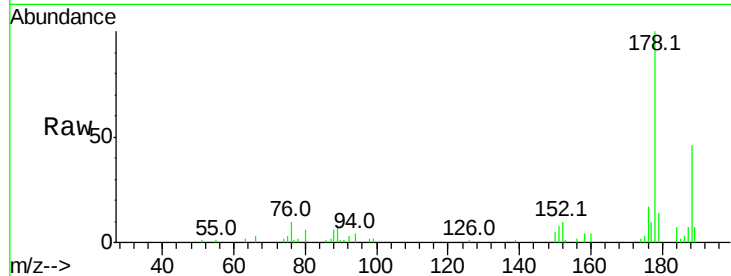
#70
Phenanthrene
Concen: 4.86 ng
RT: 15.05 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF095518.D
Acq: 28 May 2017 2:38

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.8	16.2	24.4
179	14.3	12.6	19.0

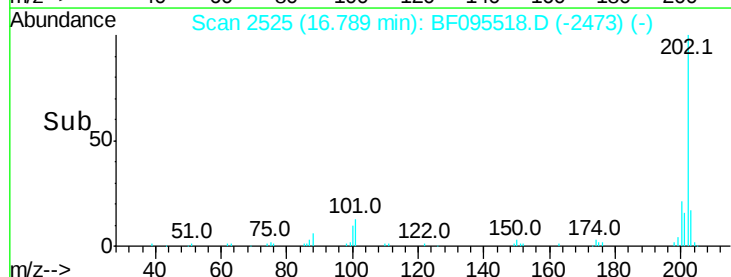
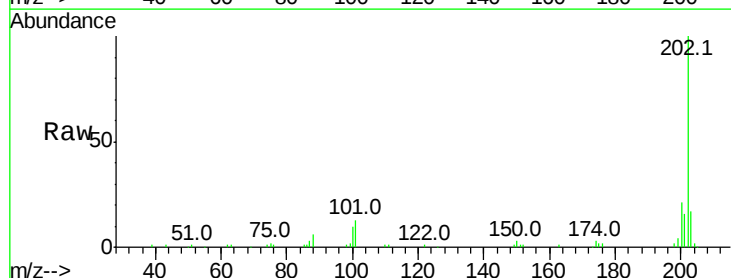
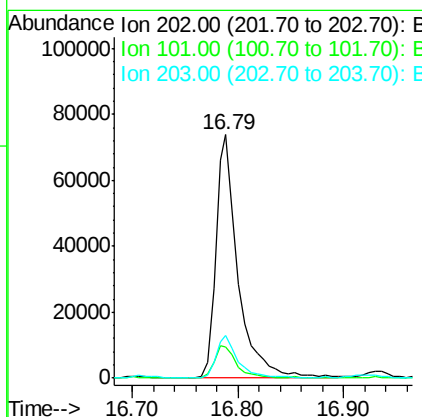
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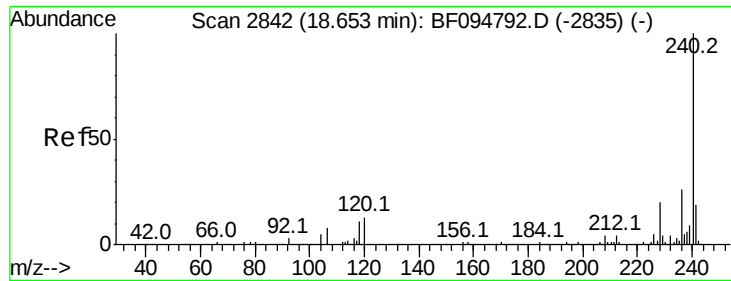
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#74
Fluoranthene
Concen: 8.53 ng
RT: 16.79 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF095518.D
Acq: 28 May 2017 2:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.3	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: BF095518.D

Acq: 28 May 2017 2:38

Instrument :

BNA_F

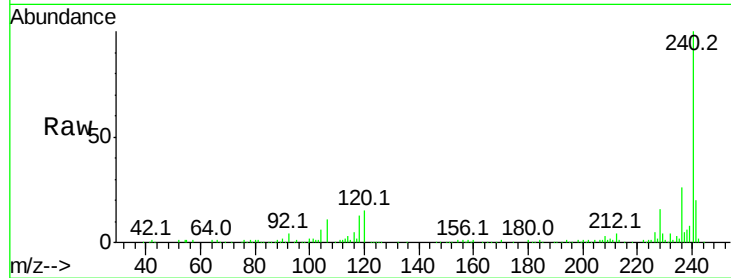
ClientSampleId :

NM7-COMP-0-6

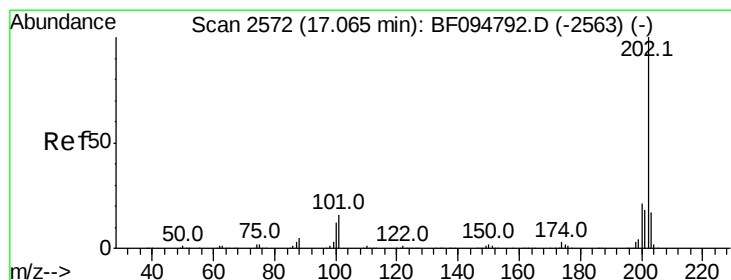
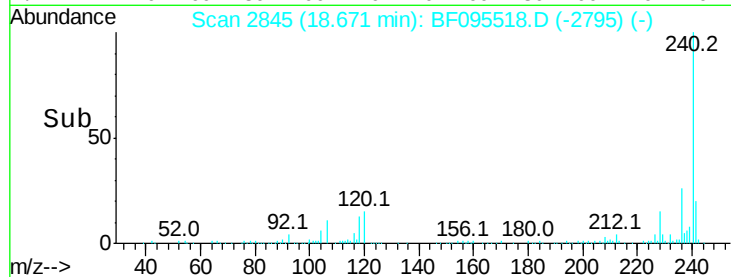
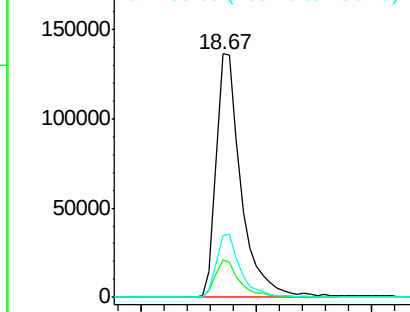
Tot Ion	Ratio	Resp	Lower	Upper
240	100	205269		
120	15.3		5.8	8.8#
236	25.7		20.5	30.7

Manual Integrations
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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: 6.66 ng

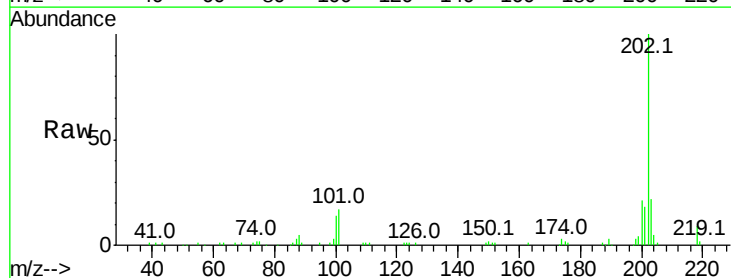
RT: 17.09 min Scan# 2576

Delta R.T. -0.00 min

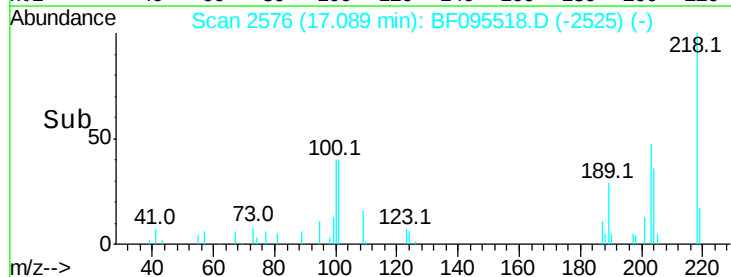
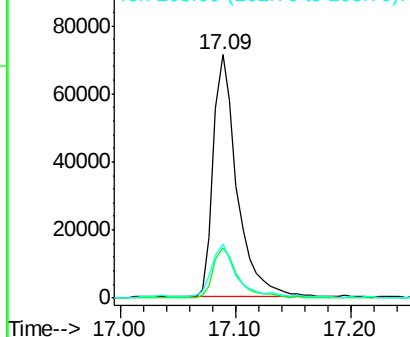
Lab File: BF095518.D

Acq: 28 May 2017 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	102186		
200	20.6		17.6	26.4
203	22.0		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





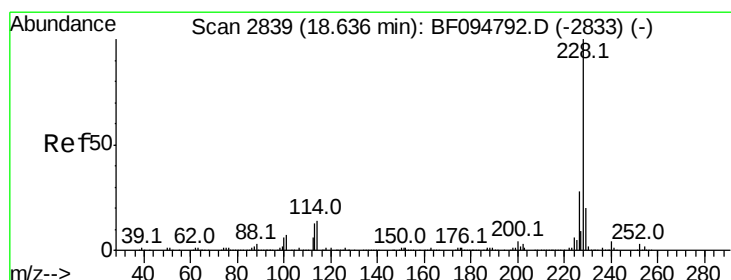
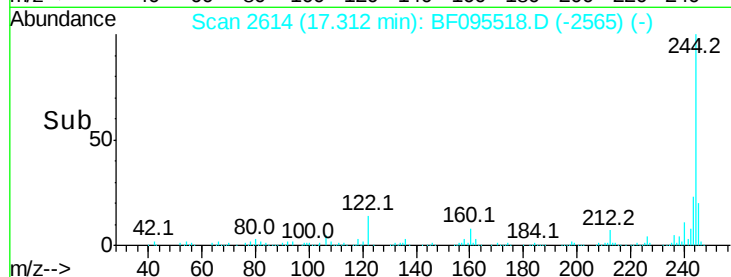
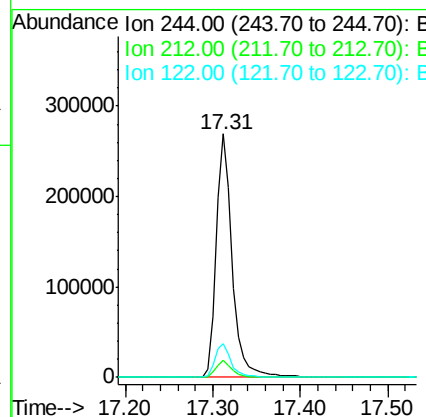
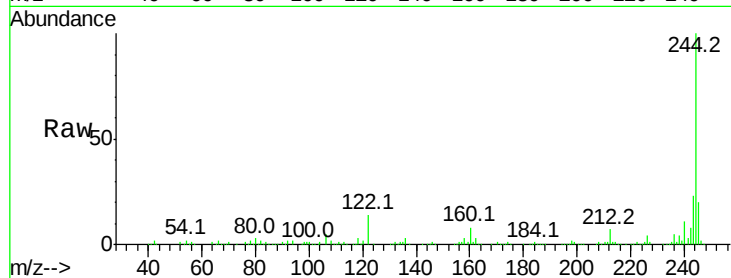
#78
 Terphenyl-d14
 Concen: 36.76 ng
 RT: 17.31 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BF095518.D
 Acq: 28 May 2017 2:38

Instrument :
 BNA_F
 ClientSampleId :
 NM7-COMP-0-6

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	6.0	9.0	
122	13.6	10.3	15.5	

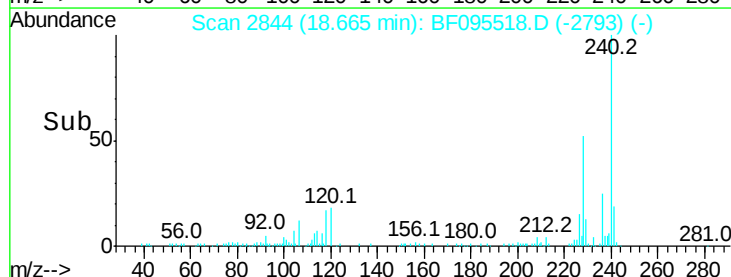
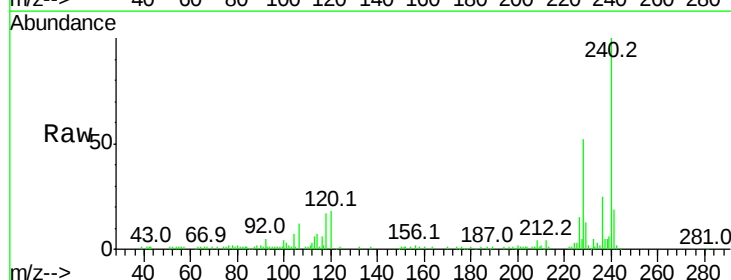
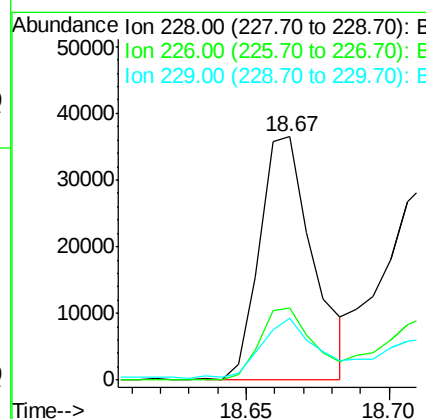
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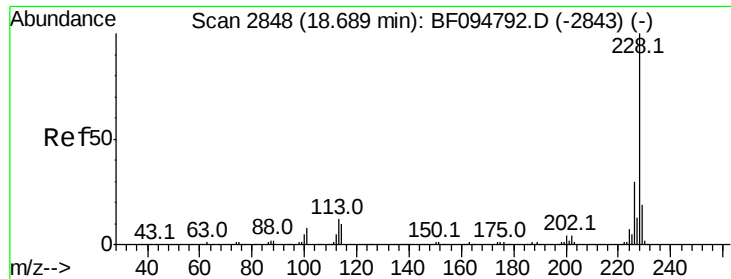
mohammad
 5/31/2017 1:03:44 PM



#80
 Benzo(a)anthracene
 Concen: 3.95 ng m
 RT: 18.67 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BF095518.D
 Acq: 28 May 2017 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.9	22.6	33.8	
229	25.4	16.3	24.5	





#82

Chrysene

Concen: 4.62 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BF095518.D

Acq: 28 May 2017 2:38

Instrument :

BNA_F

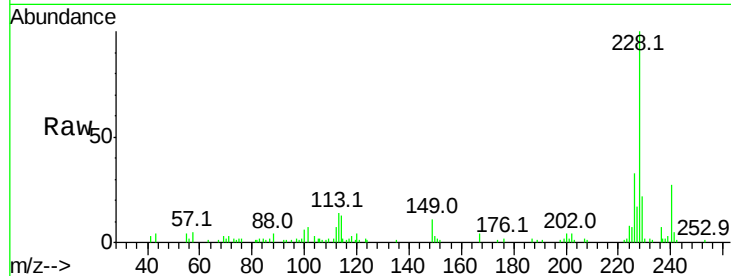
ClientSampleId :

NM7-COMP-0-6

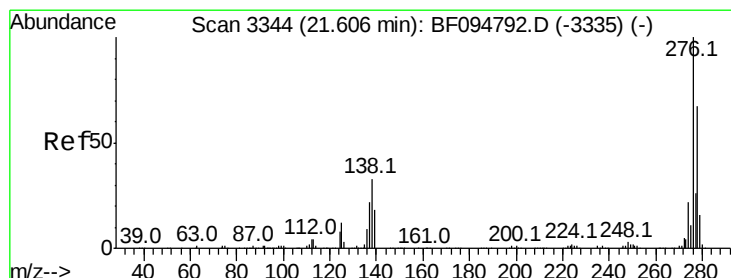
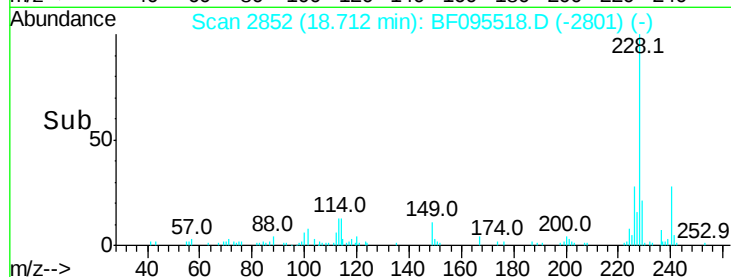
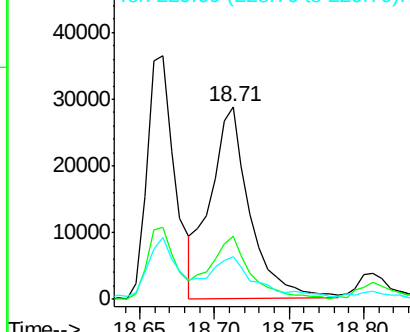
Tot Ion:	228	Resp:	53336
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.9	37.3
229	21.8	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.15 ng

RT: 21.71 min Scan# 3362

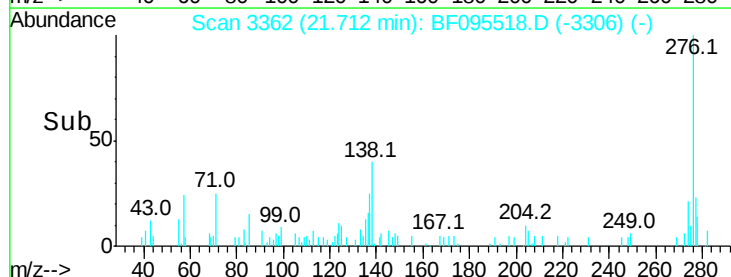
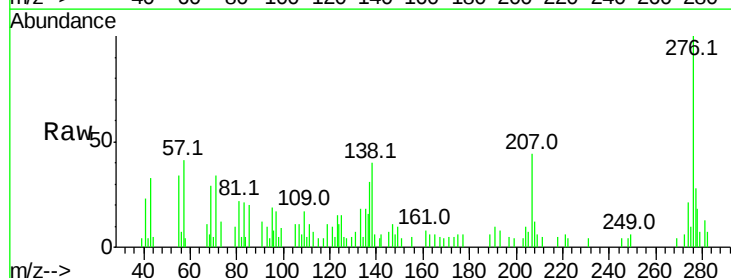
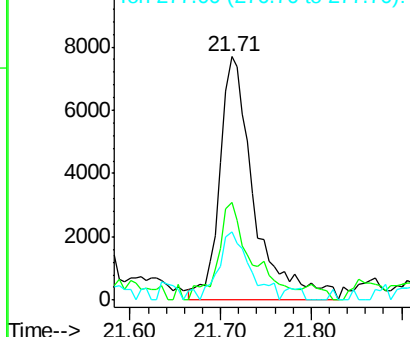
Delta R.T. 0.03 min

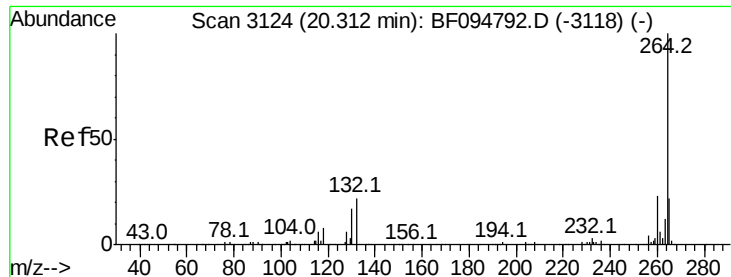
Lab File: BF095518.D

Acq: 28 May 2017 2:38

Tgt Ion:	276	Resp:	20212
Ion Ratio	Lower	Upper	
276	100		
138	39.9	27.8	41.6
277	25.1	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





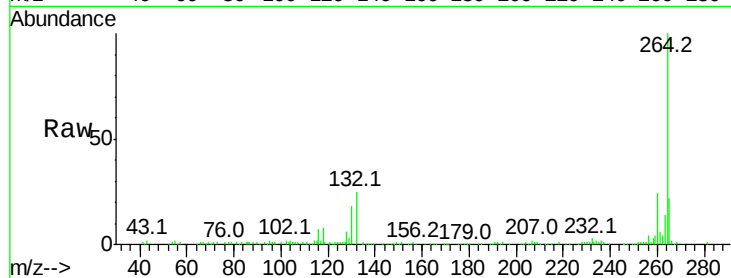
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BF095518.D
Acq: 28 May 2017 2:38

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-0-6

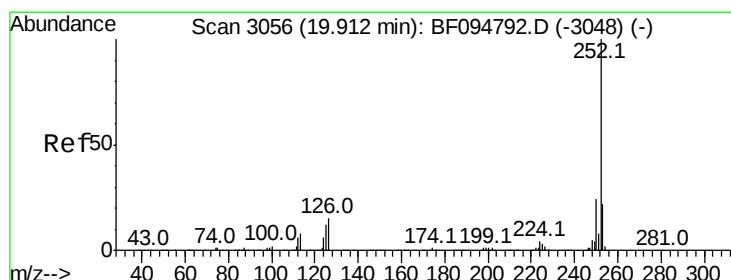
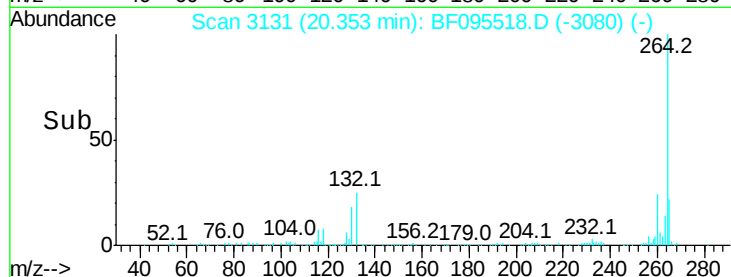
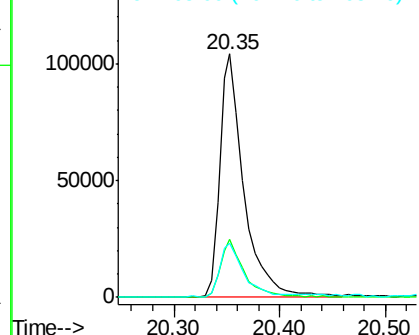
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.1	17.2	25.8

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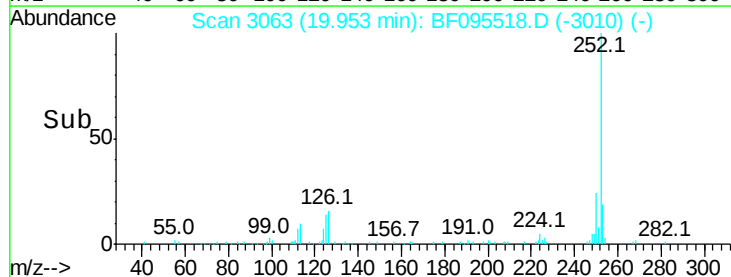
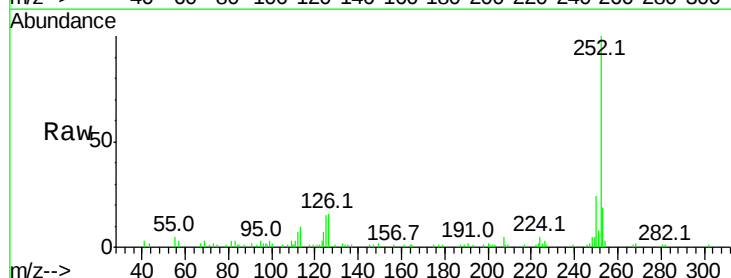
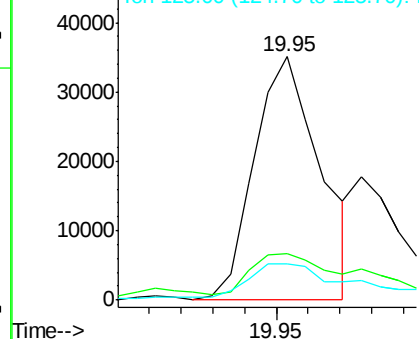
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

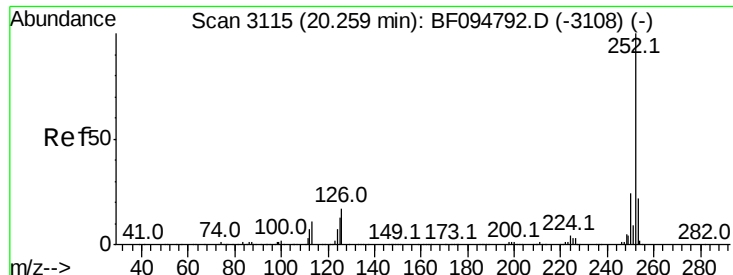


#87
Benzo(b)fluoranthene
Concen: 4.91 ng m
RT: 19.95 min Scan# 3063
Delta R.T. 0.01 min
Lab File: BF095518.D
Acq: 28 May 2017 2:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.3	18.1	27.1
125	15.0	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





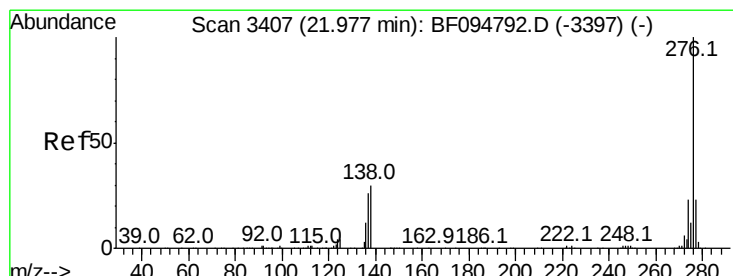
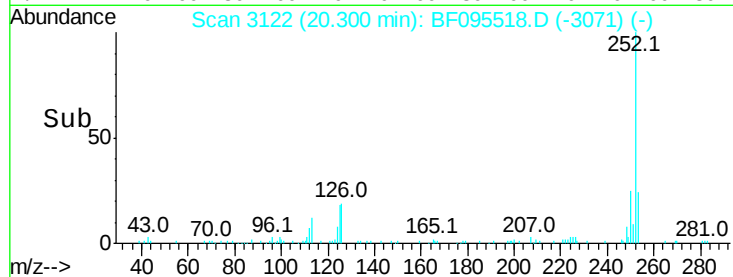
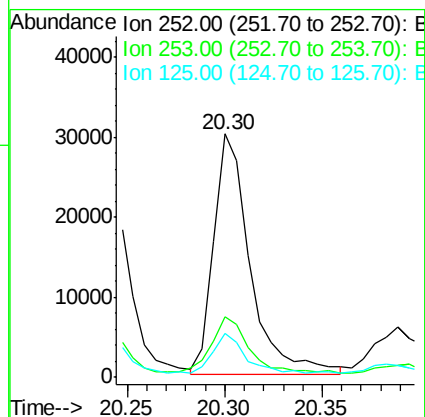
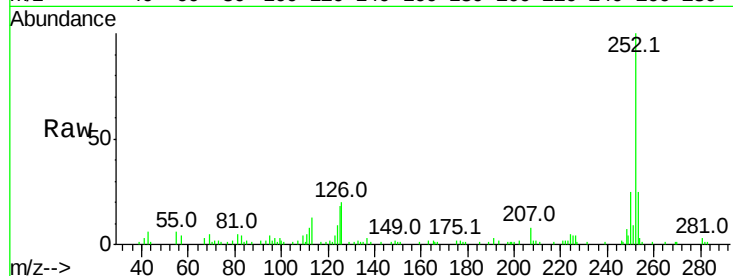
#89
Benzo(a)pyrene
Concen: 4.10 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BF095518.D
Acq: 28 May 2017 2:38

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-0-6

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.0	17.5	26.3
125	18.0	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 2.59 ng
RT: 22.11 min Scan# 3429
Delta R.T. 0.04 min
Lab File: BF095518.D
Acq: 28 May 2017 2:38

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	26.9	18.6	28.0
138	38.4	25.4	38.0

