

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095471.D
 Acq On : 26 May 2017 20:43
 Operator : SJ/MA
 Sample : I3244-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM3-COMP-0-6

Manual Integrations
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Quant Time: May 27 04:21:33 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	101296	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	390238	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	164059	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	242507	20.00	ng	0.00
75) Chrysene-d12	18.67	240	203457	20.00	ng	0.00
86) Perylene-d12	20.35	264	152307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	663019	109.13	ng	0.00
7) Phenol-d6	7.29	99	815340	111.84	ng	0.00
23) Nitrobenzene-d5	8.64	82	449911	72.70	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	115336	85.84	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	768551	67.43	ng	0.00
78) Terphenyl-d14	17.32	244	451255	48.85	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	98412	7.31	ng	98
70) Phenanthrene	15.04	178	44017	3.16	ng	95
74) Fluoranthene	16.79	202	79181	5.54	ng	95
77) Pyrene	17.09	202	77198	5.07	ng	95
80) Benzo(a)anthracene	18.67	228	32789m	2.77	ng	
82) Chrysene	18.71	228	38694	3.38	ng	96
87) Benzo(b)fluoranthene	19.95	252	33544m	3.56	ng	
89) Benzo(a)pyrene	20.30	252	26688	3.07	ng	# 83
91) Benzo(g,h,i)perylene	22.09	276	15622	2.22	ng	# 92

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

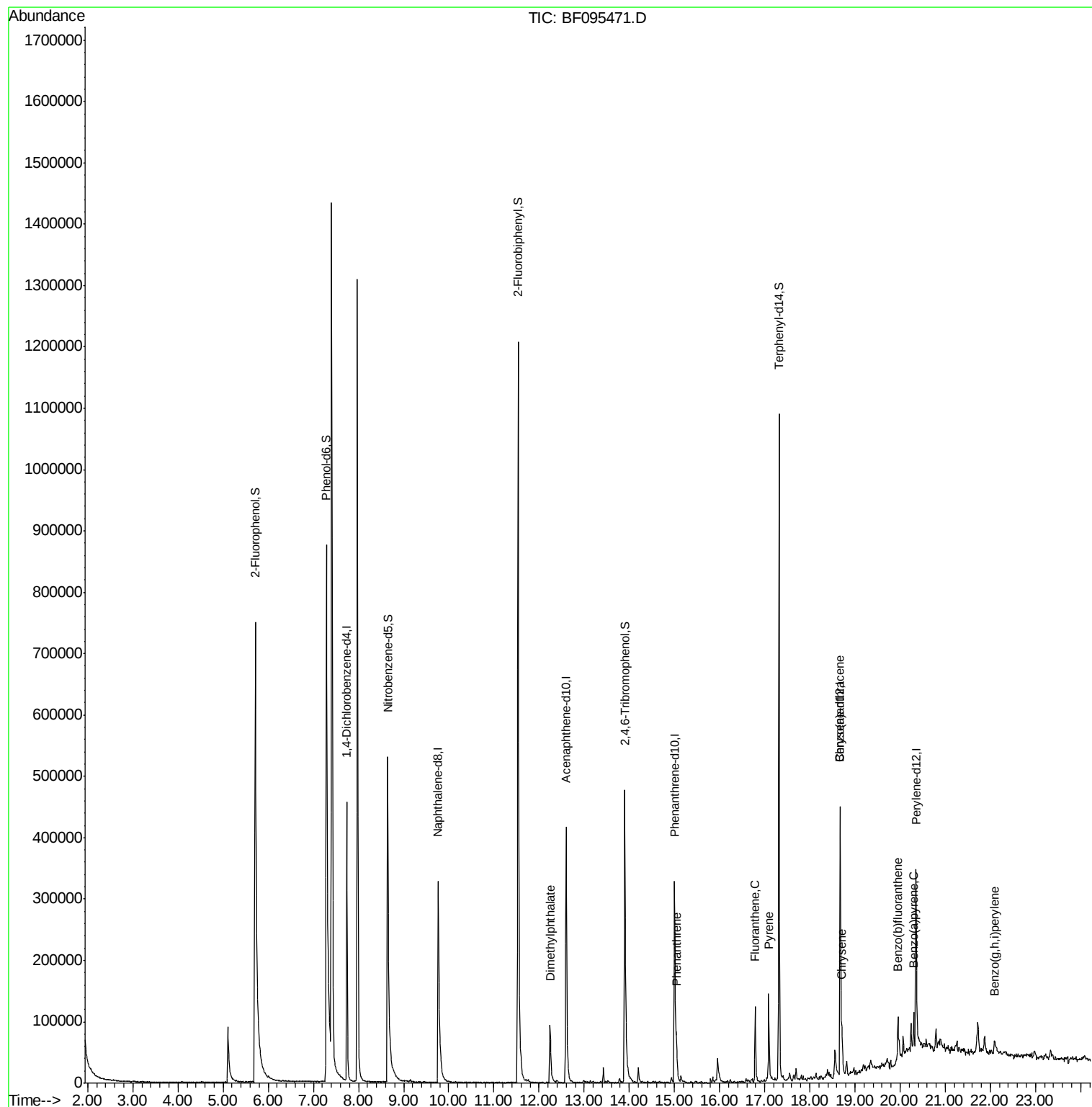
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095471.D
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#1

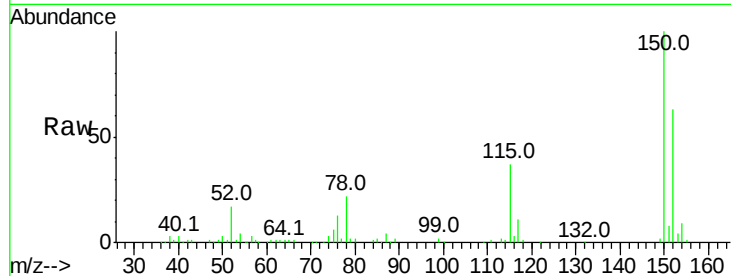
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095471.D
Acq: 26 May 2017 20:43

Instrument :
BNA_F
ClientSampleId :
NM3-COMP-0-6

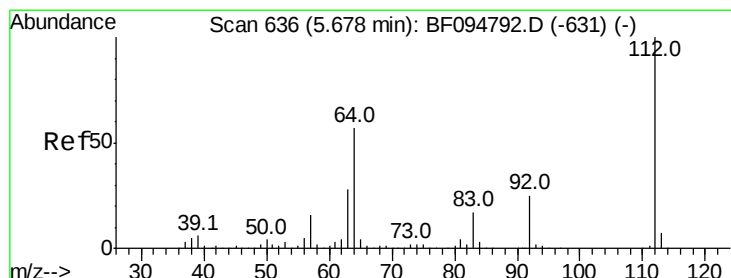
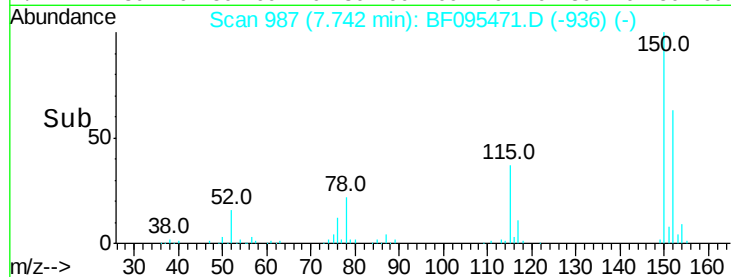
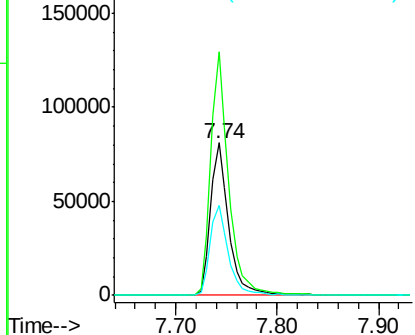
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.2	189.2
115	59.1	52.2	78.2

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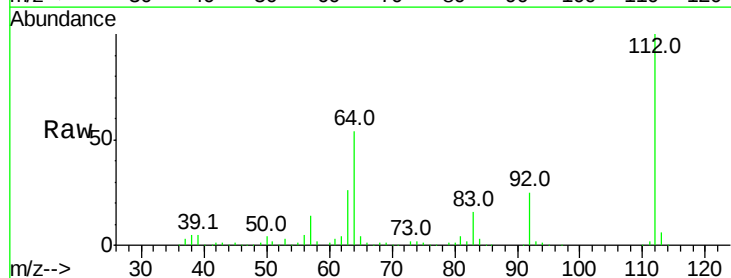
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



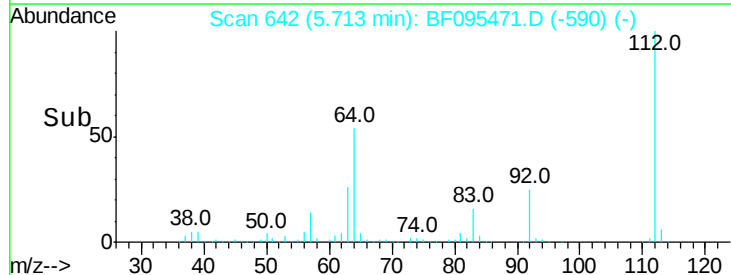
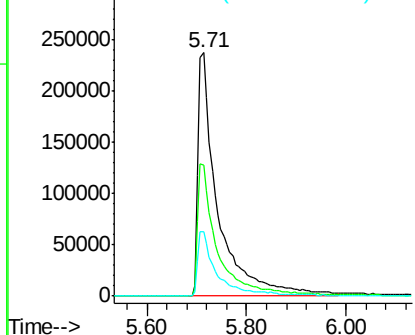
#5

2-Fluorophenol
Concen: 109.13 ng
RT: 5.71 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF095471.D
Acq: 26 May 2017 20:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.0	69.0
63	26.4	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: 111.84 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095471.D

Acq: 26 May 2017 20:43

Instrument :

BNA_F

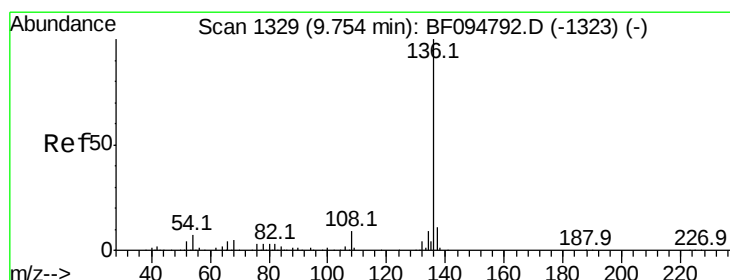
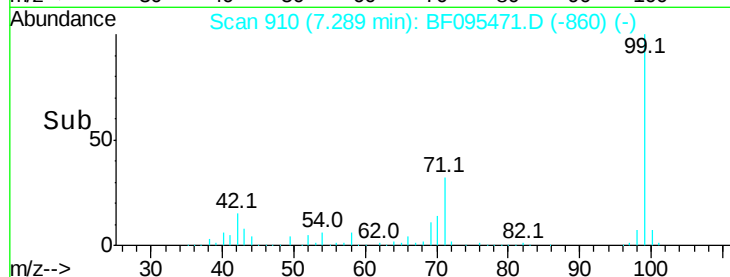
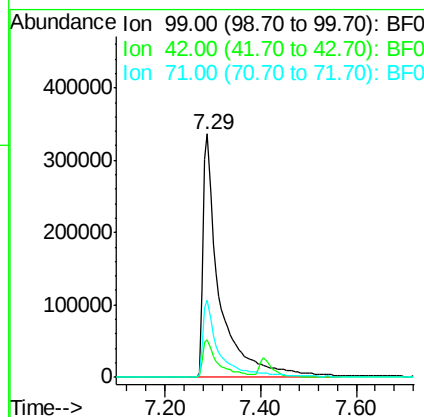
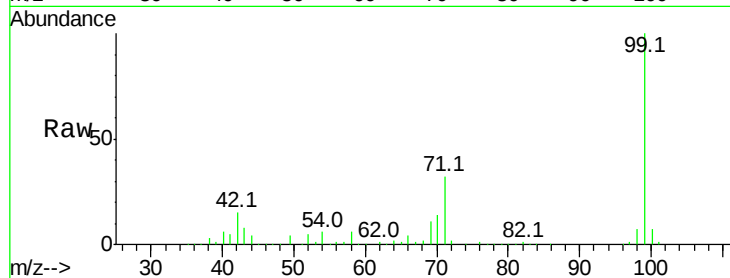
ClientSampleId :

NM3-COMP-0-6

Tot Ion:	99	Resp:	815340
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.5	20.3
71	31.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

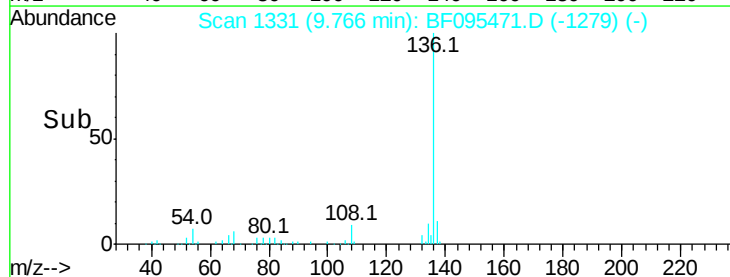
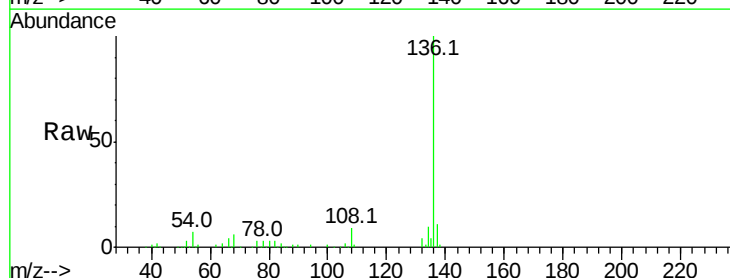
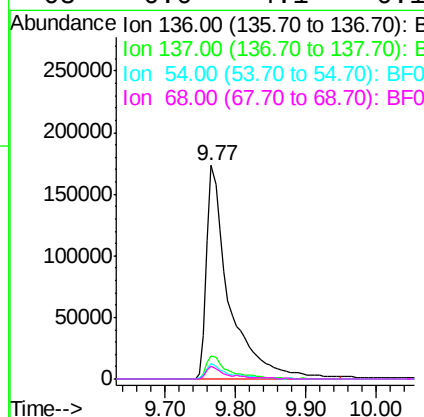
RT: 9.77 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF095471.D

Acq: 26 May 2017 20:43

Tgt Ion:	136	Resp:	390238
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	7.1	4.9	7.3
68	6.0	4.1	6.1





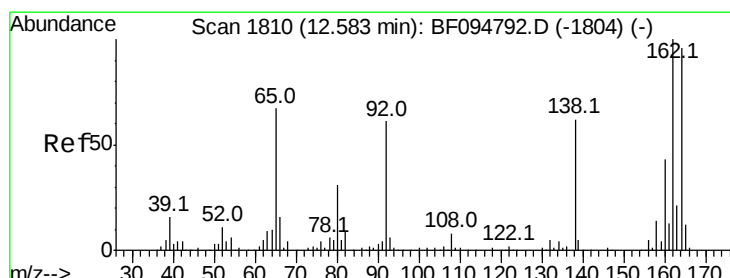
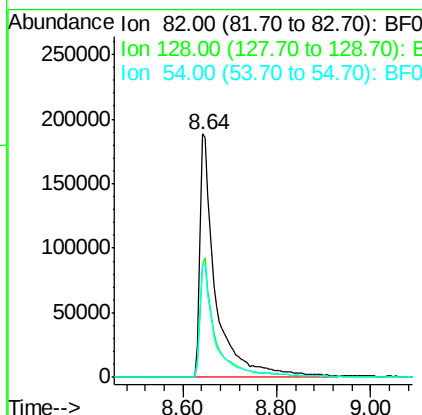
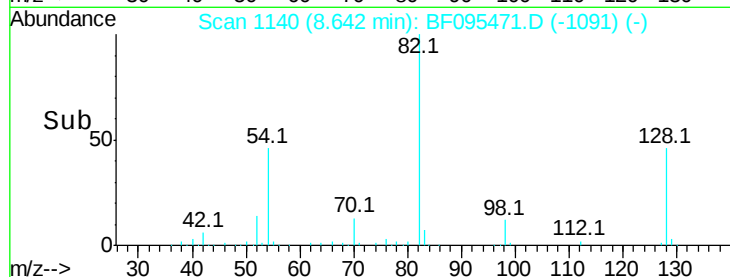
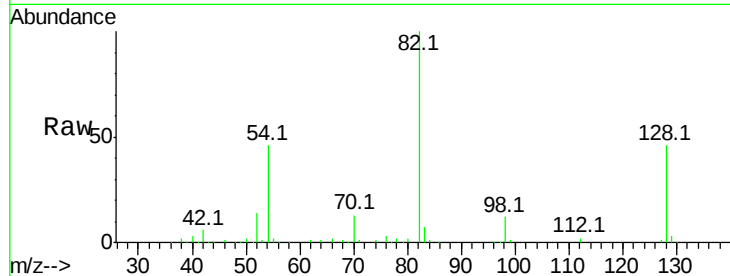
#23
 Nitrobenzene-d5
 Concen: 72.70 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095471.D
 Acq: 26 May 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :
 NM3-COMP-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	45.9	42.2	63.2

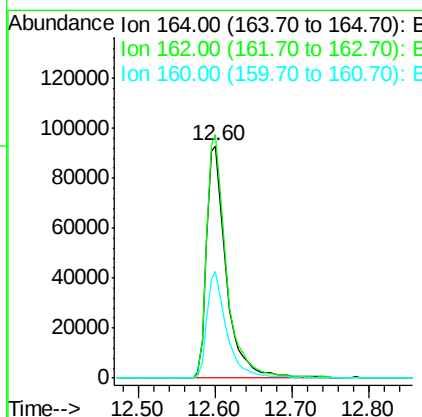
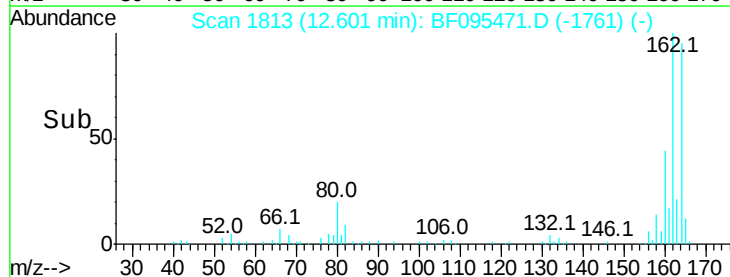
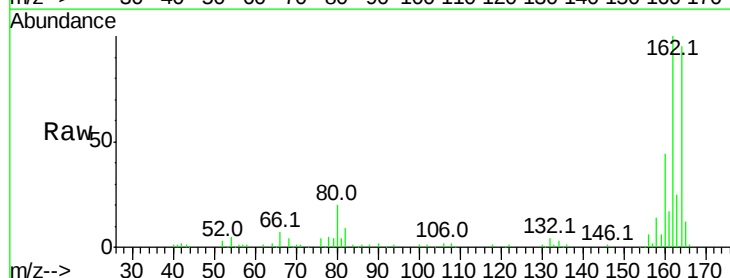
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BF095471.D
 Acq: 26 May 2017 20:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	45.7	36.2	54.2





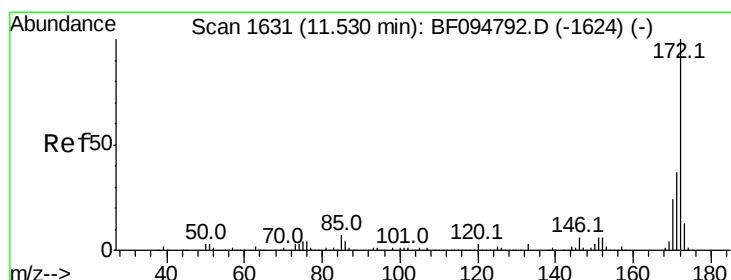
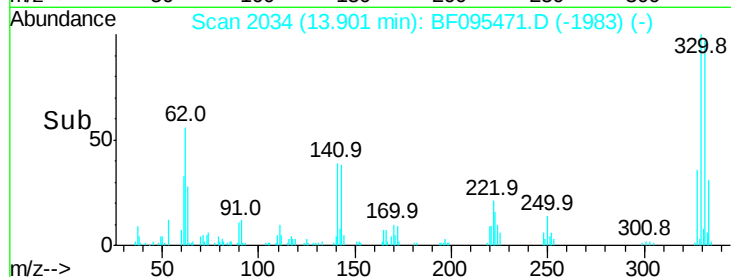
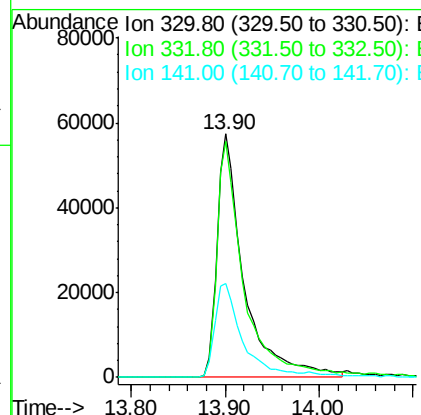
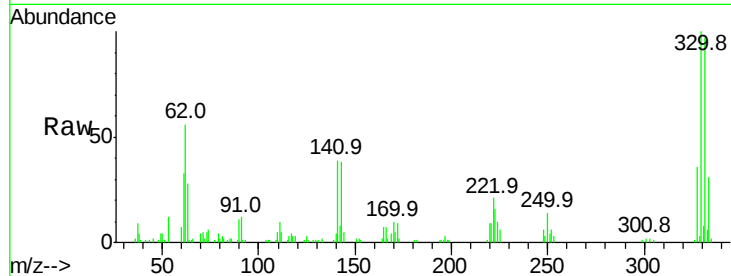
#41
 2,4,6-Tribromophenol
 Concen: 85.84 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095471.D
 Acq: 26 May 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :
 NM3-COMP-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.9	76.6	115.0	
141	40.9	31.4	47.2	

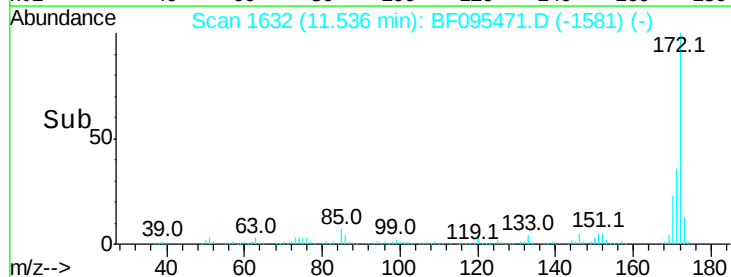
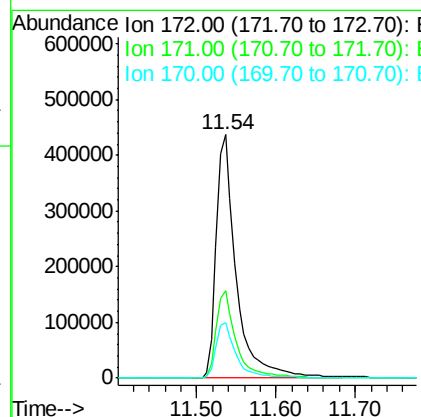
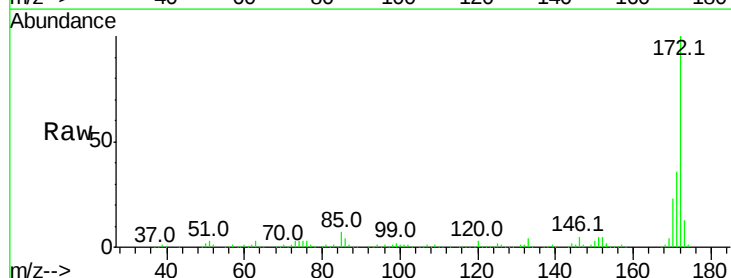
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#44
 2-Fluorobiphenyl
 Concen: 67.43 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095471.D
 Acq: 26 May 2017 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	29.6	44.4	
170	22.7	19.8	29.8	





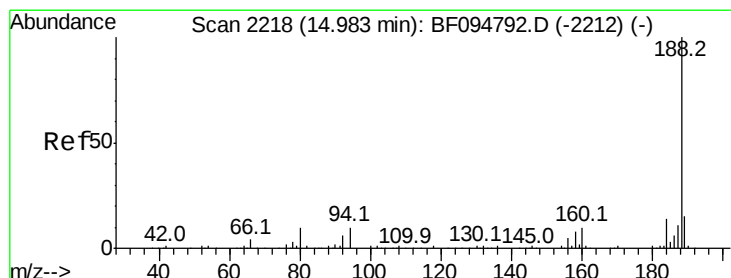
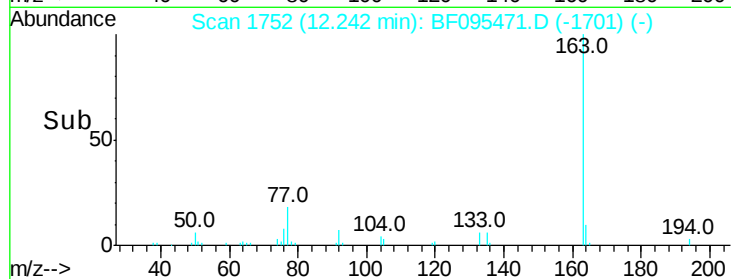
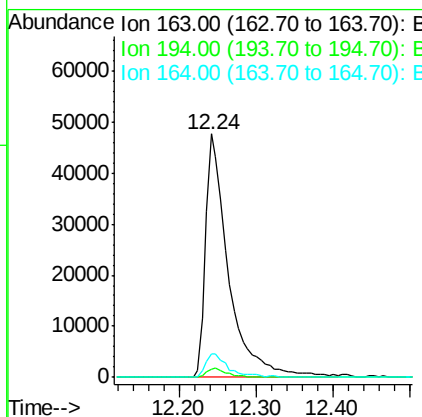
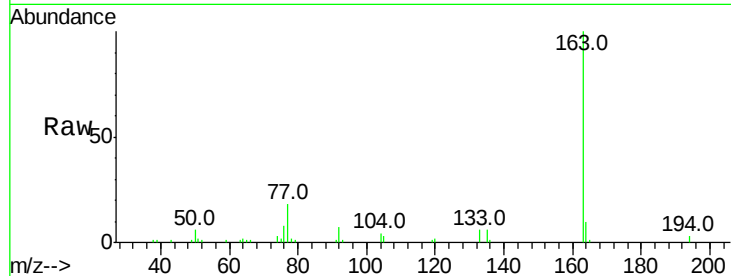
#49
Dimethylphthalate
Concen: 7.31 ng
RT: 12.24 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BF095471.D
Acq: 26 May 2017 20:43

Instrument :
BNA_F
ClientSampleId :
NM3-COMP-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.7	8.4	12.6

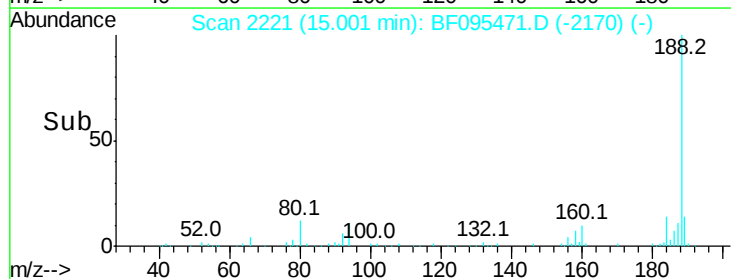
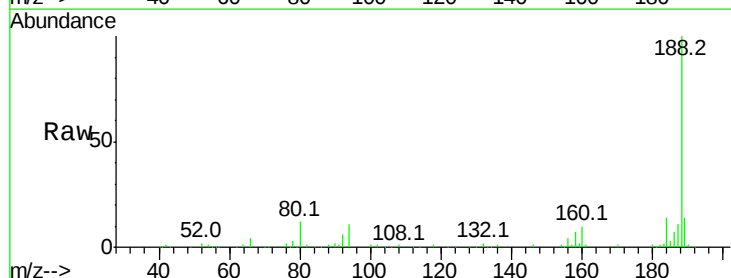
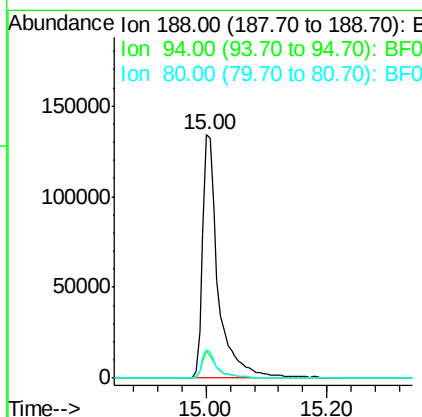
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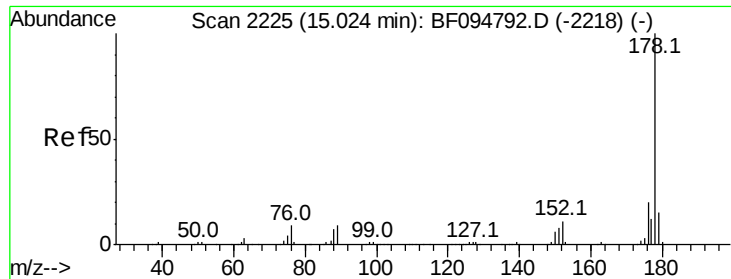
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF095471.D
Acq: 26 May 2017 20:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.7	10.2	15.2





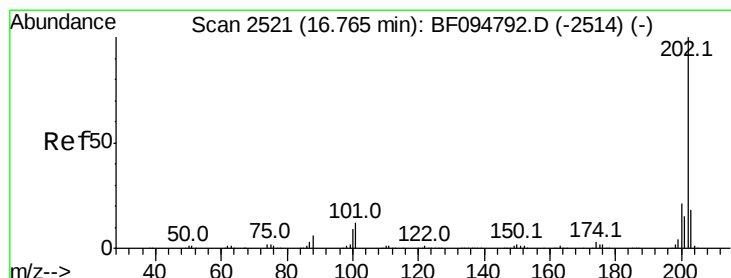
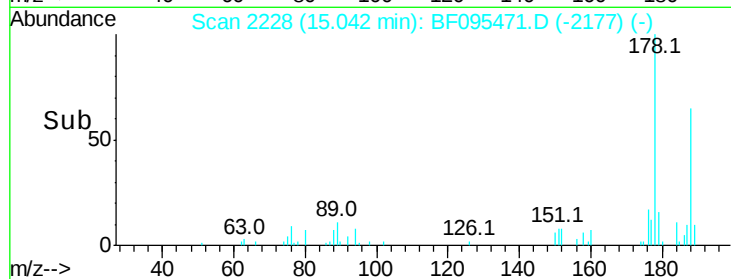
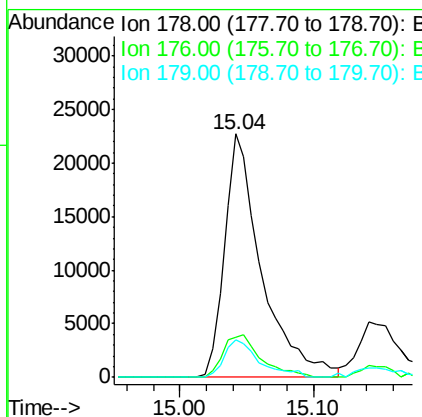
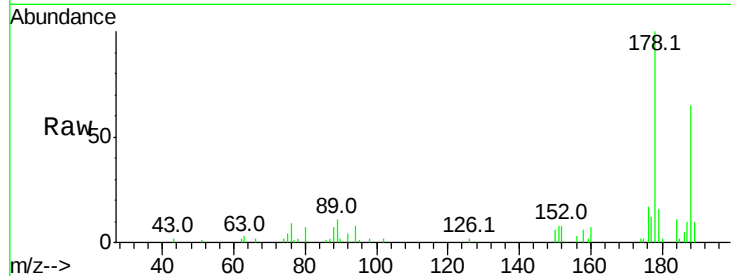
#70
 Phenanthrene
 Concen: 3.16 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BF095471.D
 Acq: 26 May 2017 20:43

Instrument :
 BNA_F
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 NM3-COMP-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.7	16.2	24.4
179	15.7	12.6	19.0

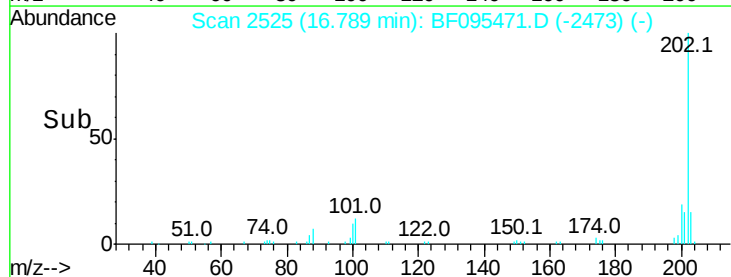
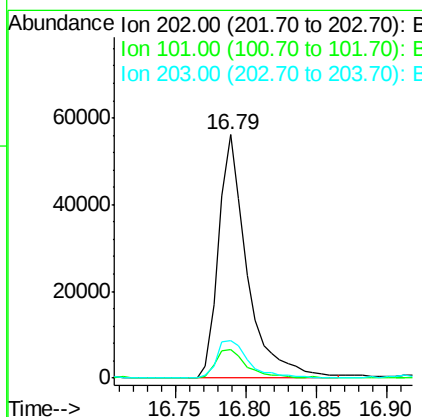
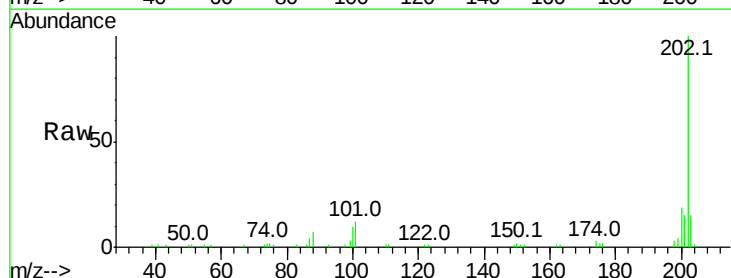
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#74
 Fluoranthene
 Concen: 5.54 ng
 RT: 16.79 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: BF095471.D
 Acq: 26 May 2017 20:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.2
203	15.4	0.0	38.1





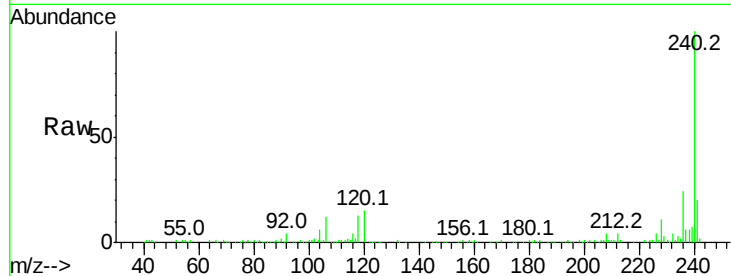
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095471.D
 Acq: 26 May 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :
 NM3-COMP-0-6

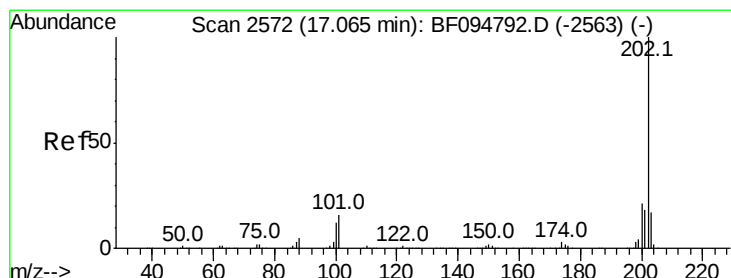
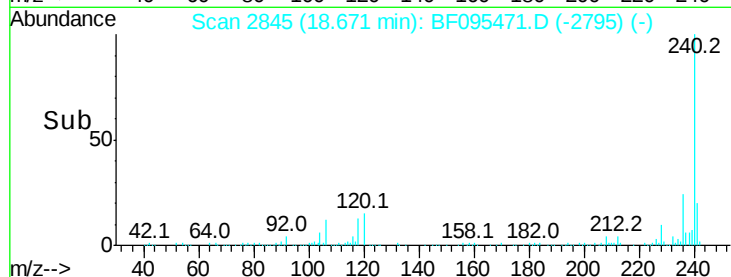
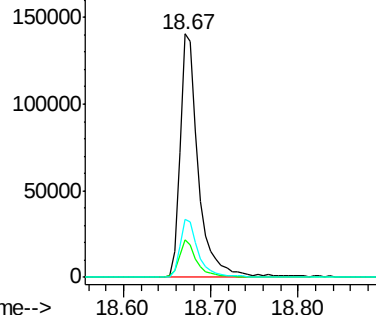
Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	24.1	20.5	30.7

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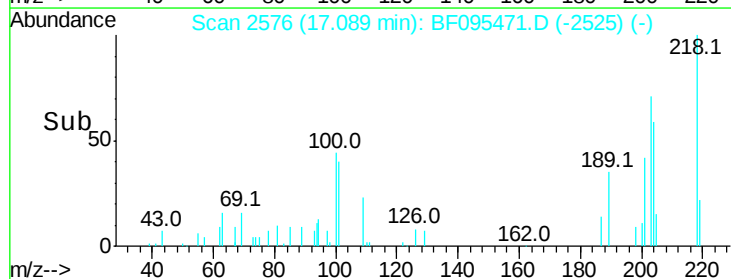
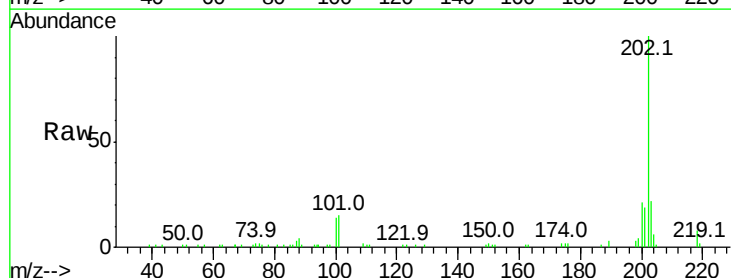
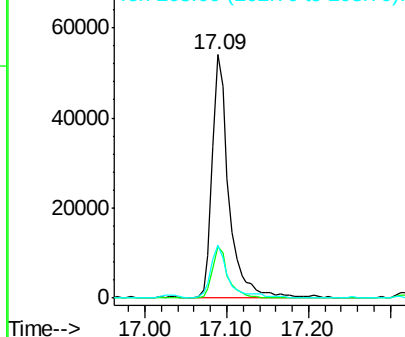
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



#77
 Pyrene
 Concen: 5.07 ng
 RT: 17.09 min Scan# 2576
 Delta R.T. 0.00 min
 Lab File: BF095471.D
 Acq: 26 May 2017 20:43

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	21.6	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: 48.85 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095471.D

Acq: 26 May 2017 20:43

Instrument :

BNA_F

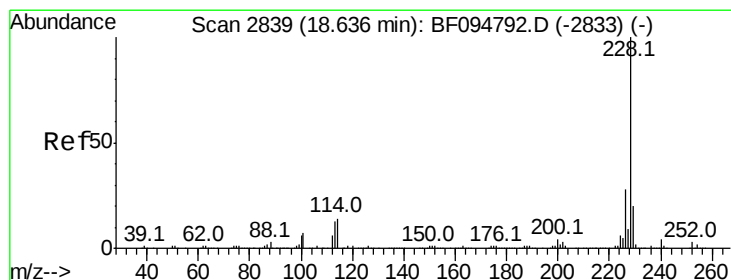
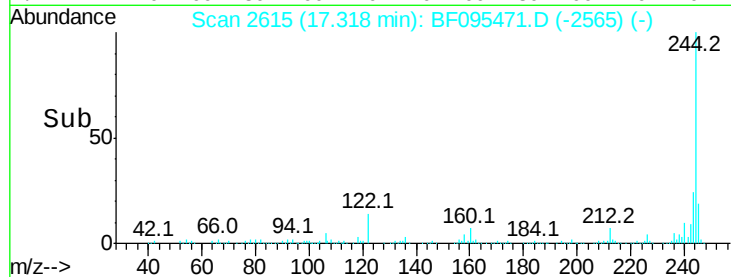
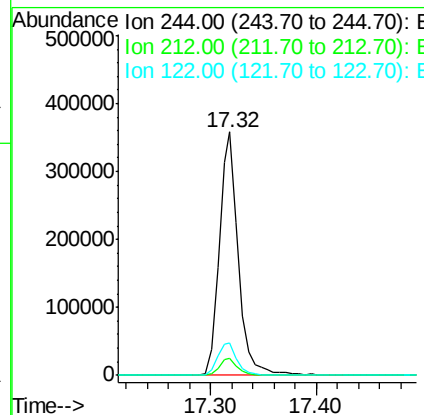
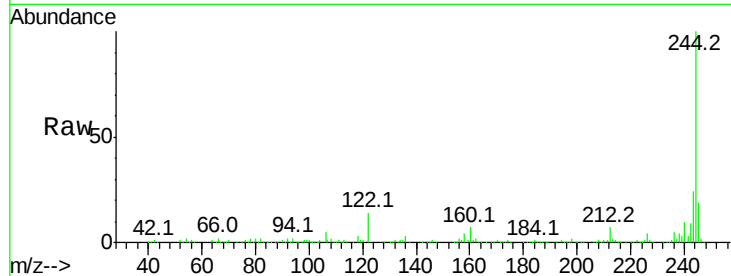
ClientSampleId :

NM3-COMP-0-6

Tot Ion:	244	Resp:	451255
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	13.6	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 2.77 ng m

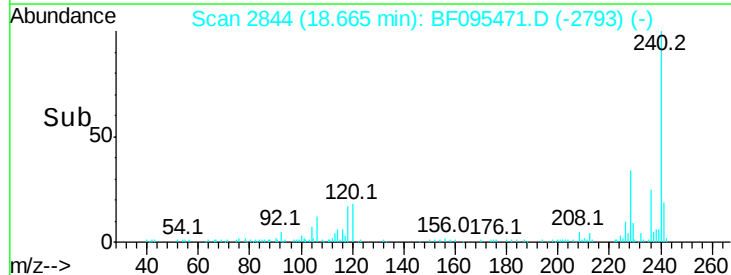
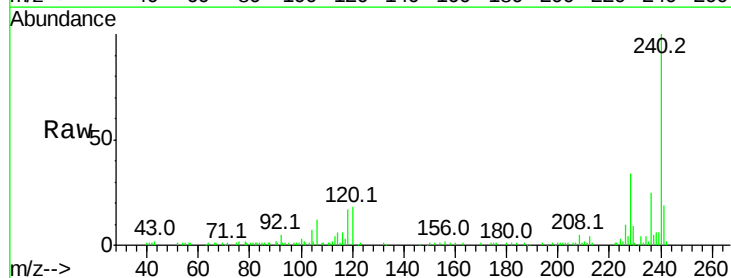
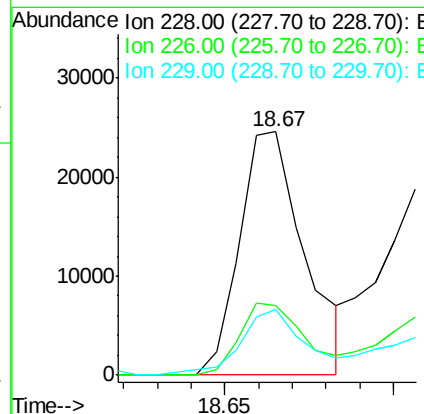
RT: 18.67 min Scan# 2844

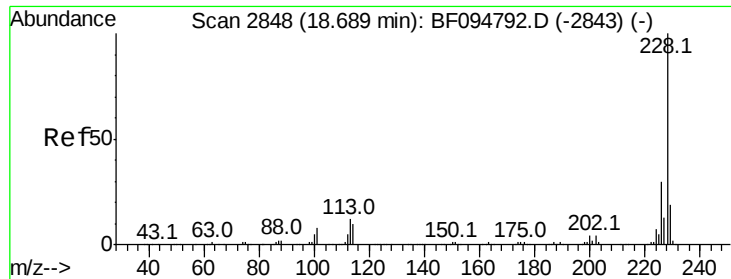
Delta R.T. 0.00 min

Lab File: BF095471.D

Acq: 26 May 2017 20:43

Tgt Ion:	228	Resp:	32789
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.6	33.8
229	26.9	16.3	24.5#





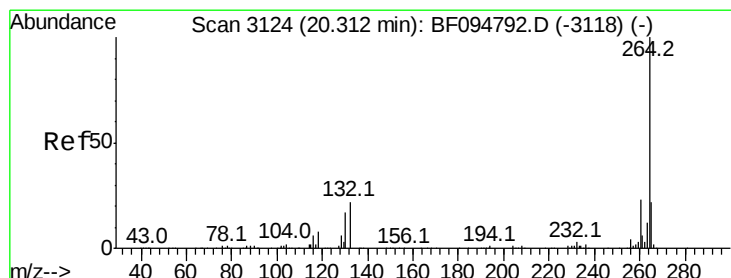
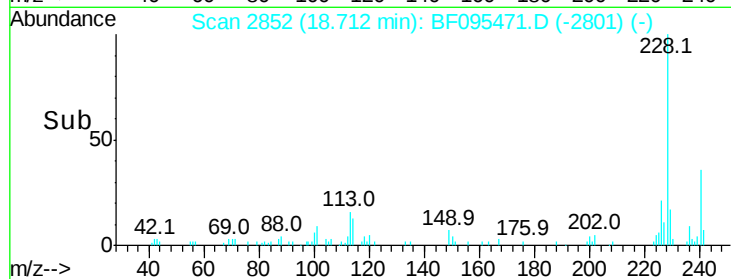
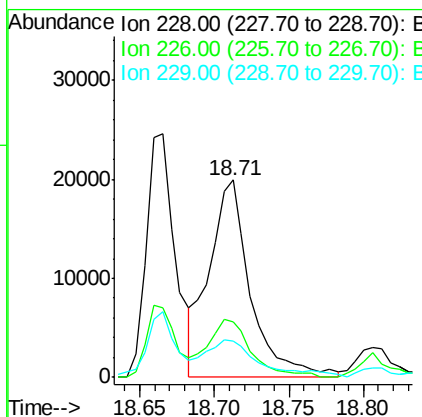
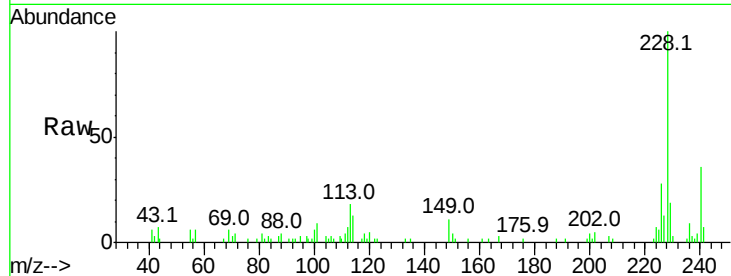
#82
Chrysene
Concen: 3.38 ng
RT: 18.71 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BF095471.D
Acq: 26 May 2017 20:43

Instrument :
BNA_F
ClientSampleId :
NM3-COMP-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.9	37.3
229	18.5	15.8	23.6

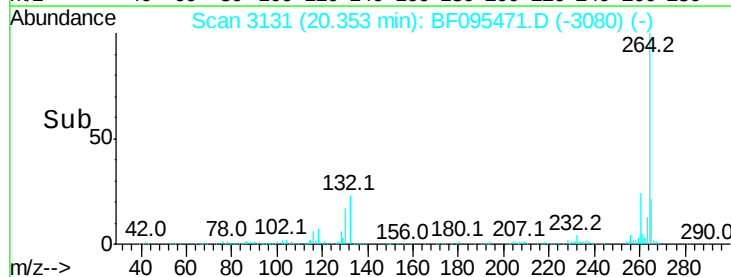
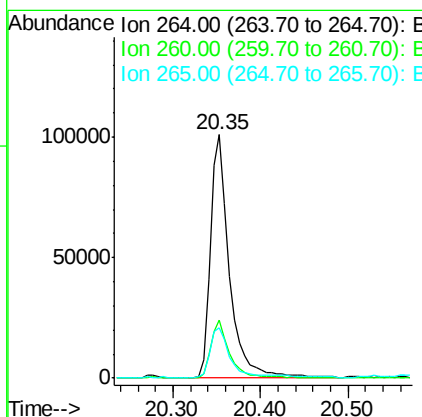
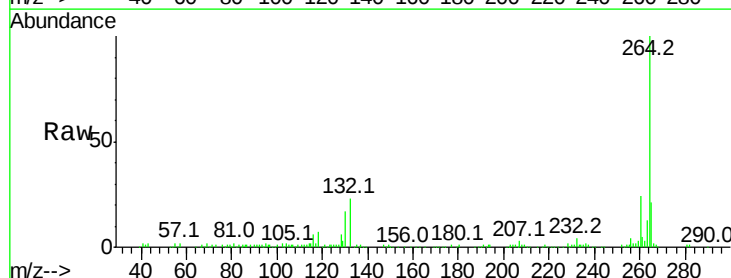
Manual Integrations
APPROVED

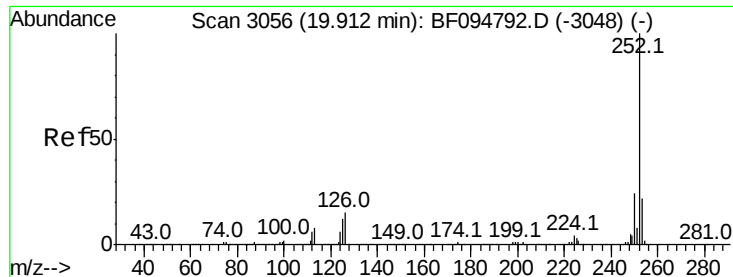
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095471.D
Acq: 26 May 2017 20:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.8	17.2	25.8





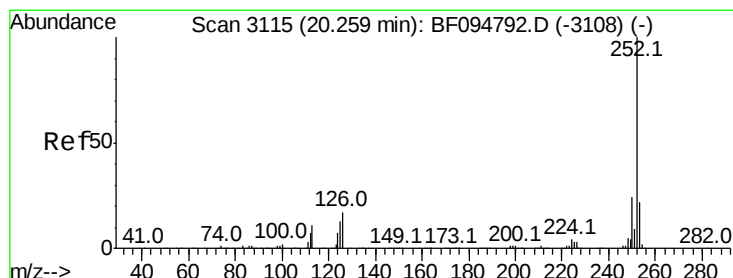
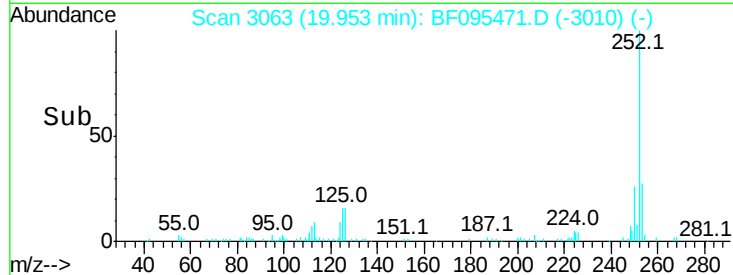
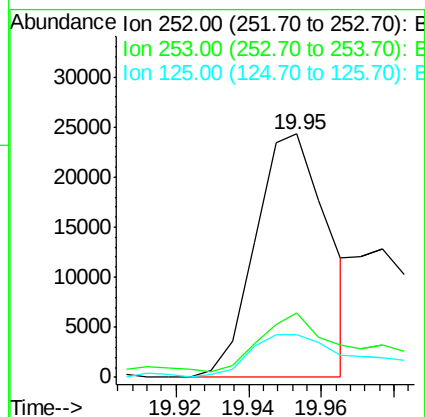
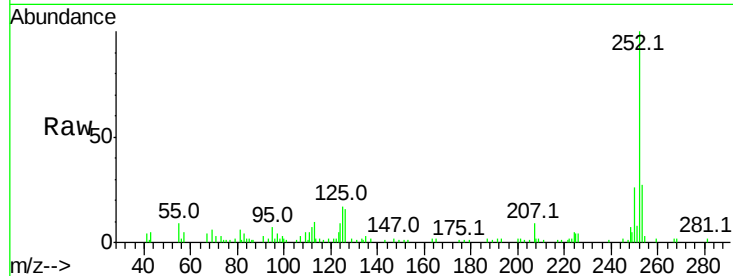
#87
Benzo(b)fluoranthene
Concen: 3.56 ng m
RT: 19.95 min Scan# 3063
Delta R.T. 0.01 min
Lab File: BF095471.D
Acq: 26 May 2017 20:43

Instrument :
BNA_F
ClientSampleId :
NM3-COMP-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.1	27.1
125	17.4	9.8	14.8#

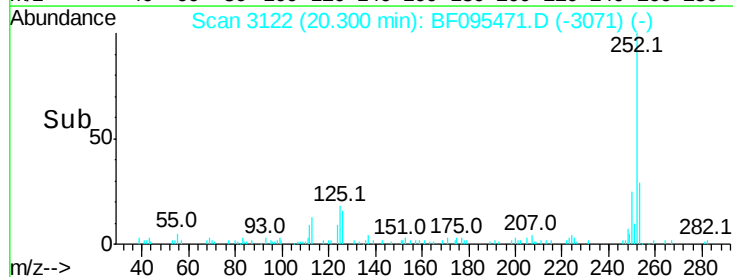
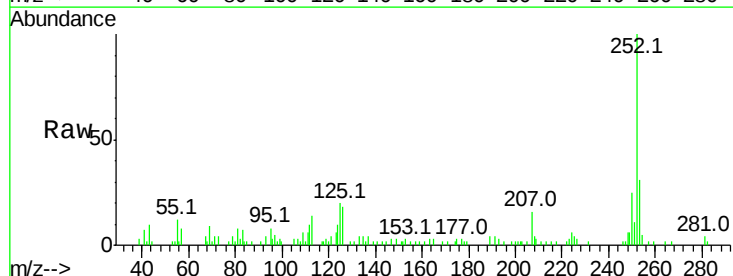
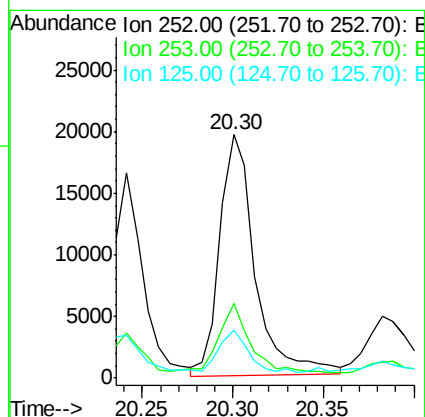
Manual Integrations
APPROVED

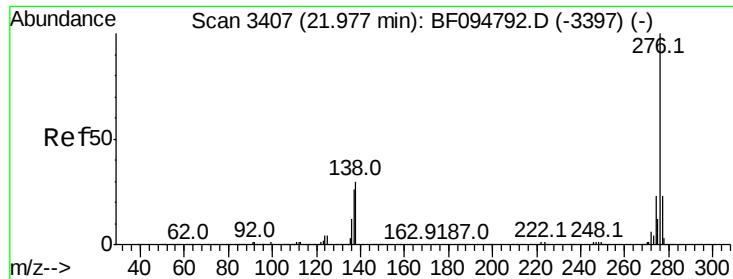
mohammad
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#89
Benzo(a)pyrene
Concen: 3.07 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095471.D
Acq: 26 May 2017 20:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.5	26.3#
125	19.6	11.0	16.4#





#91

Benzo(a,h,i)perylene

Concen: 2.22 ng

RT: 22.09 min Scan# 3427

Delta R.T. 0.02 min

Lab File: BF095471.D

Acq: 26 May 2017 20:43

Instrument :

BNA_F

ClientSampleId :

NM3-COMP-0-6

Tot Ion: 276 Resp: 15622

Ion Ratio Lower Upper

276 100

277 32.9 18.6 28.0#

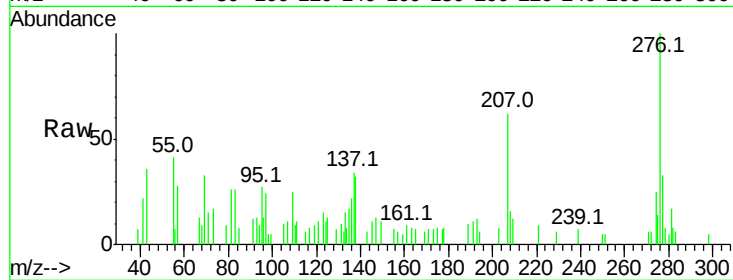
138 31.6 25.4 38.0

Manual Integrations

APPROVED

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

