

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095582.D
 Acq On : 1 Jun 2017 00:57
 Operator : SJ/MA
 Sample : I3341-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM9-COMP-0-6

Manual Integrations
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Quant Time: Jun 01 07:27:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 04:09:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	92318	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	384771	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	142387	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	219603	20.00	ng	0.00
75) Chrysene-d12	18.51	240	215367	20.00	ng	0.00
86) Perylene-d12	20.18	264	168998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	687801	124.21	ng	0.00
7) Phenol-d6	7.11	99	849684	127.89	ng	0.00
23) Nitrobenzene-d5	8.47	82	490300	80.35	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	117036	100.36	ng	0.00
44) 2-Fluorobiphenyl	11.36	172	743273	75.13	ng	0.00
78) Terphenyl-d14	17.15	244	467031	47.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.05	163	190812	16.32	ng	Qvalue 100
70) Phenanthrene	14.85	178	86609	6.86	ng	96
74) Fluoranthene	16.61	202	158804	12.27	ng	99
77) Pyrene	16.91	202	153156	9.51	ng	94
80) Benzo(a)anthracene	18.49	228	71798	5.73	ng	96
82) Chrysene	18.54	228	73531	6.07	ng	97
85) Indeno(1,2,3-cd)pyrene	21.44	276	28146	2.86	ng	100
87) Benzo(b)fluoranthene	19.78	252	82785	7.93	ng	# 96
88) Benzo(k)fluoranthene	19.81	252	27915m	2.77	ng	
89) Benzo(a)pyrene	20.12	252	57282	5.94	ng	93
91) Benzo(g,h,i)perylene	21.79	276	29812	3.82	ng	97

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

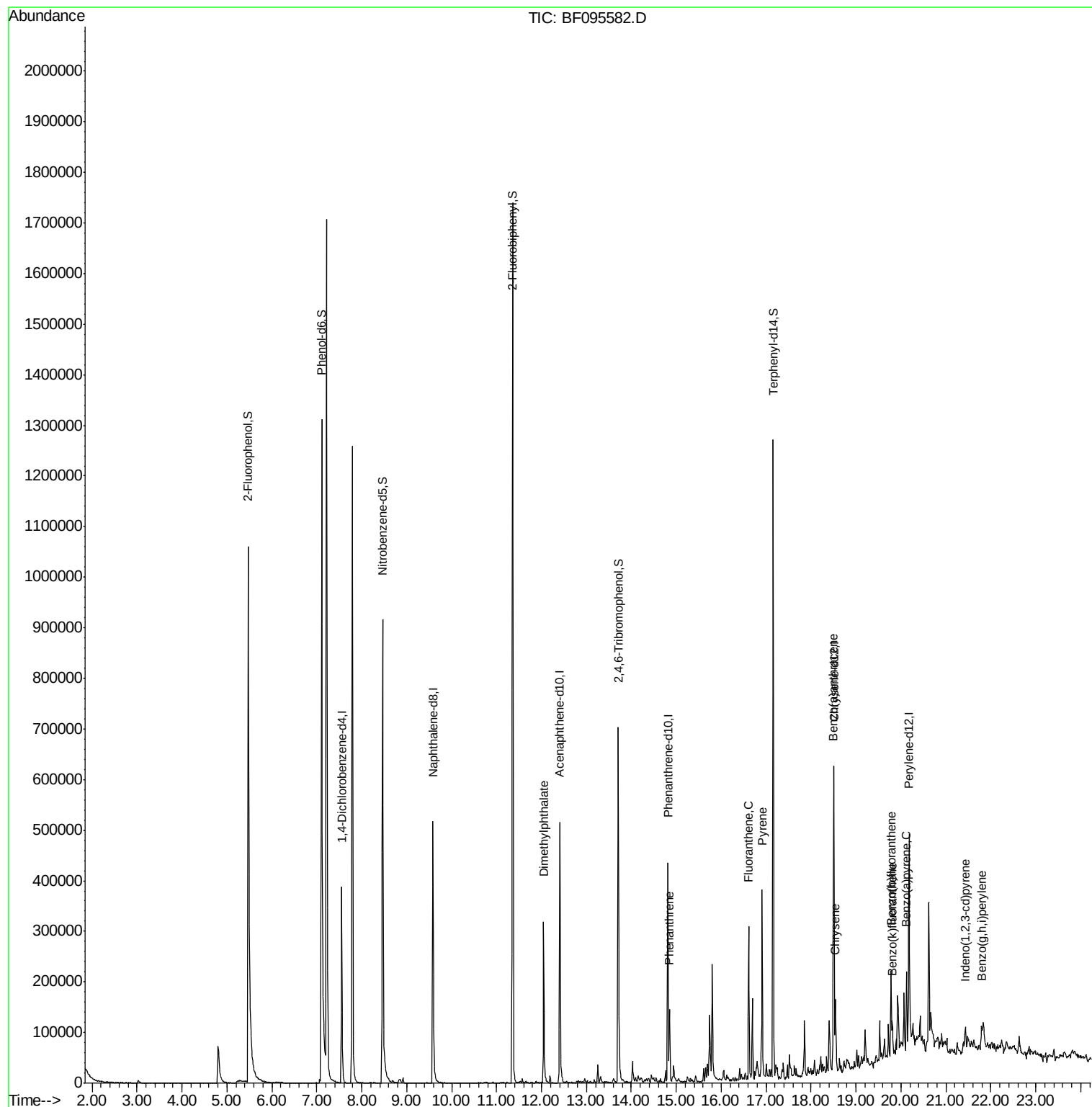
Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095582.D
Acq On : 1 Jun 2017 00:57
Operator : SJ/MA
Sample : I3341-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

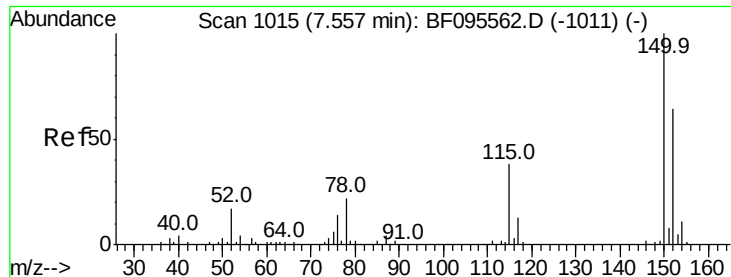
Instrument :
BNA_F
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NM9-COMP-0-6

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#1

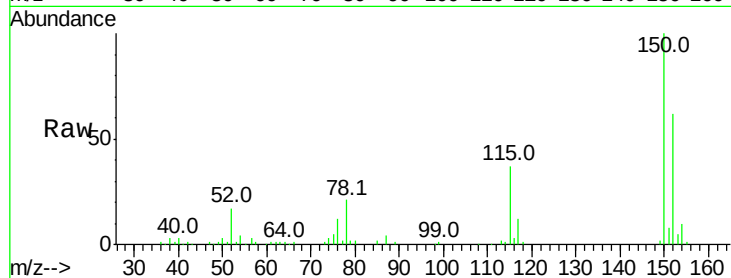
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-0-6

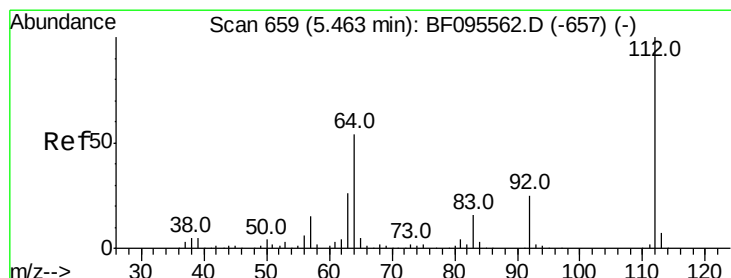
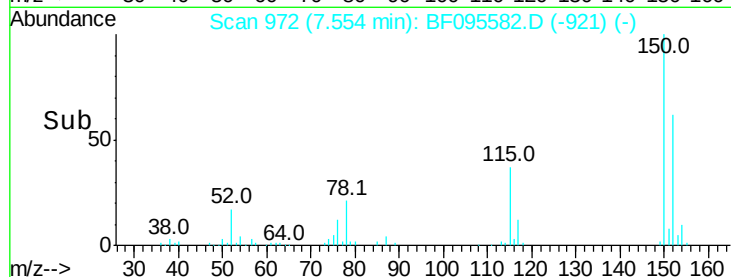
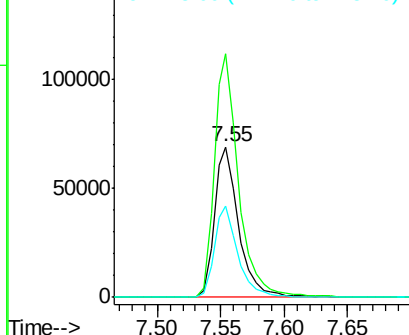
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	126.2	189.2
115	60.2	52.2	78.2

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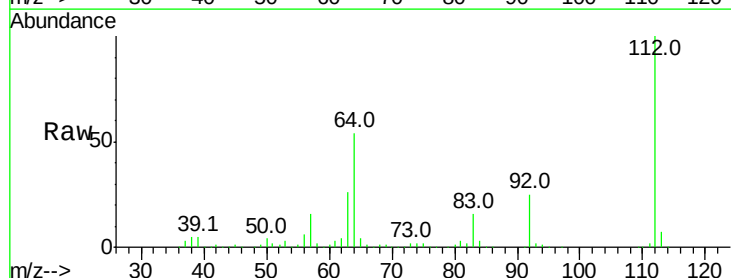
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



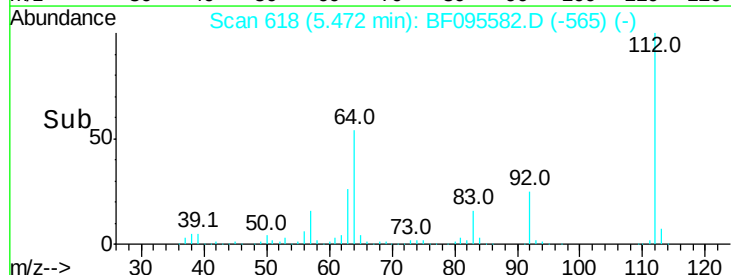
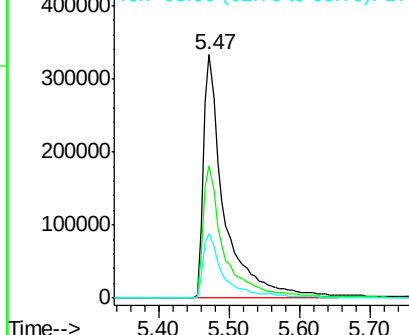
#5

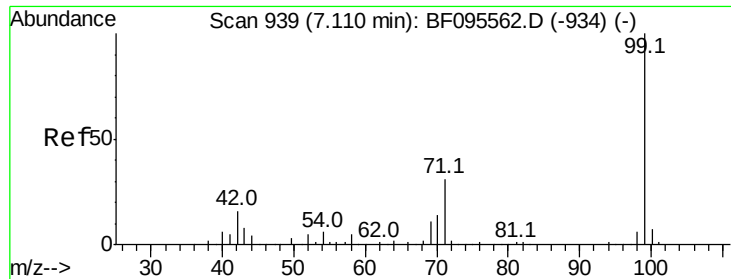
2-Fluorophenol
Concen: 124.21 ng
RT: 5.47 min Scan# 618
Delta R.T. 0.01 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	26.5	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: 127.89 ng

RT: 7.11 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

Instrument :

BNA_F

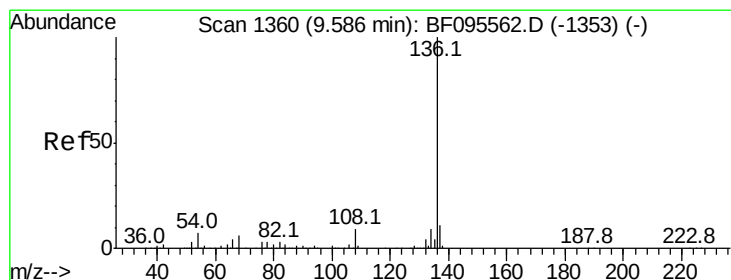
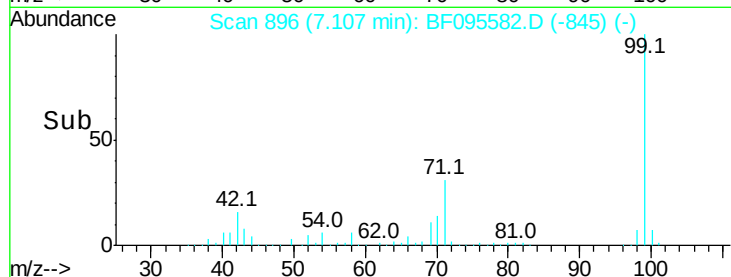
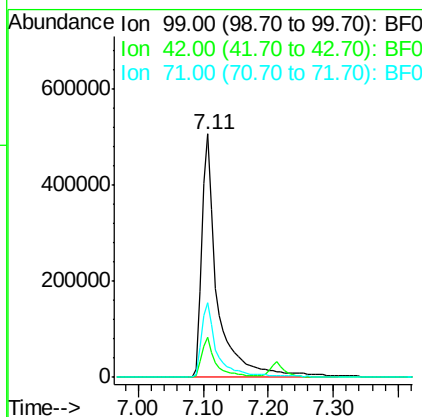
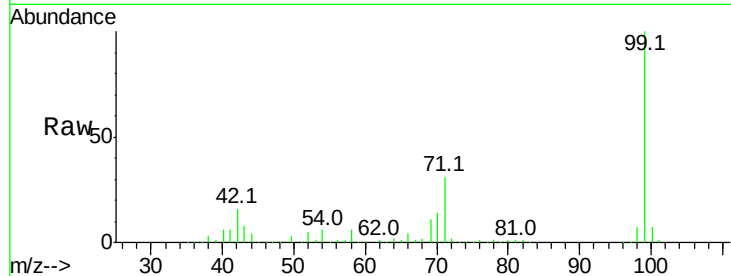
ClientSampleId :

NM9-COMP-0-6

Tot Ion:	99	Resp:	849684
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	30.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

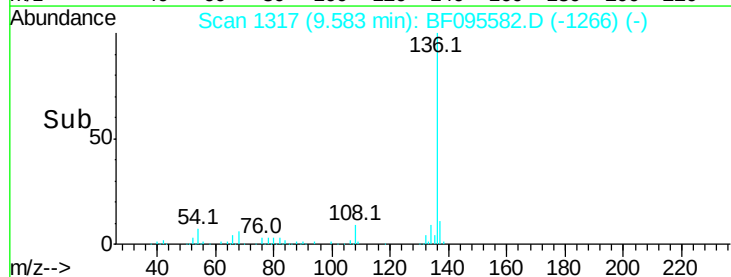
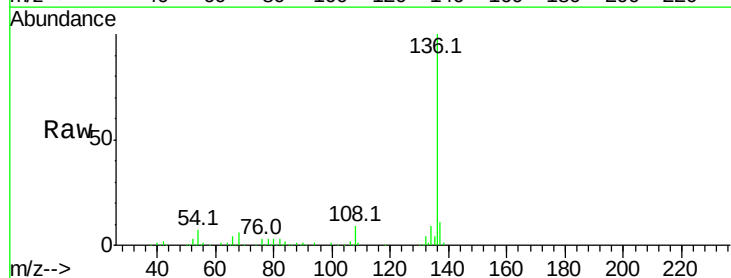
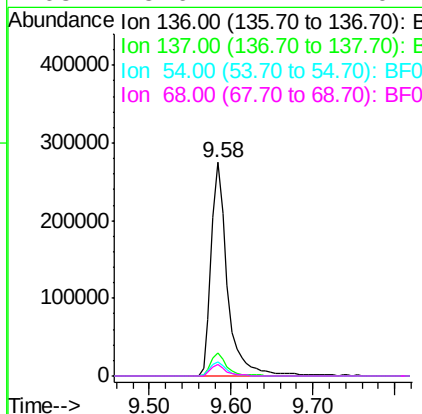
RT: 9.58 min Scan# 1317

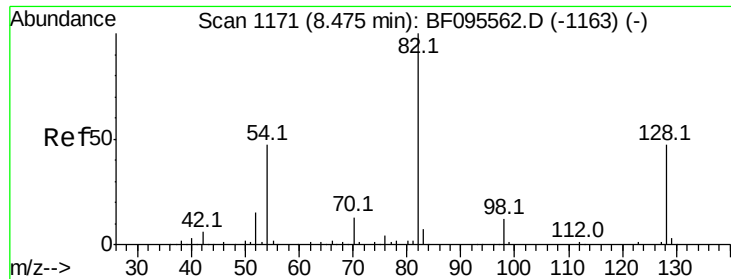
Delta R.T. -0.00 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

Tgt Ion:	136	Resp:	384771
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.8	4.9	7.3
68	5.6	4.1	6.1





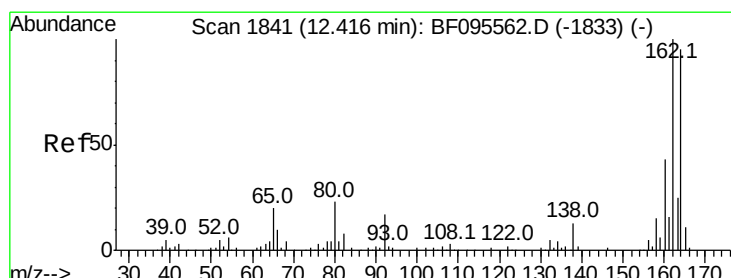
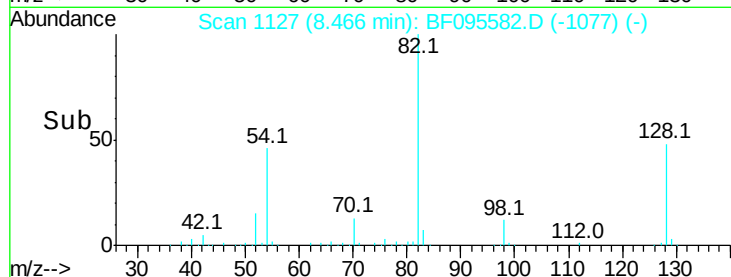
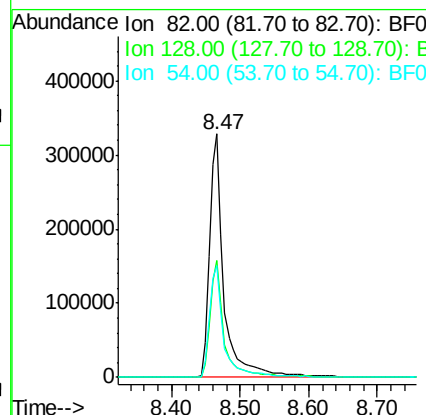
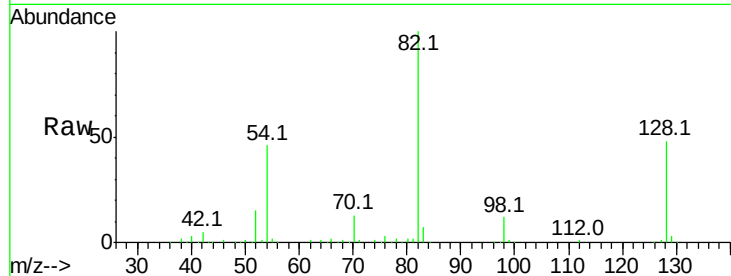
#23
Nitrobenzene-d5
Concen: 80.35 ng
RT: 8.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	46.1	42.2	63.2

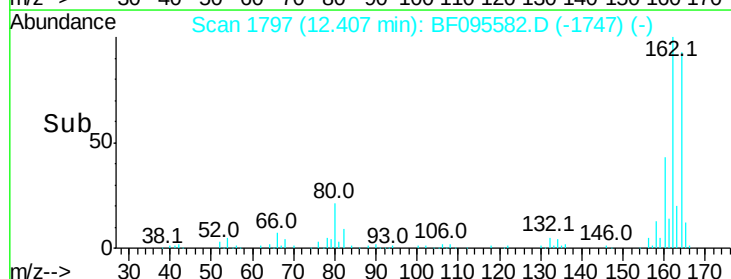
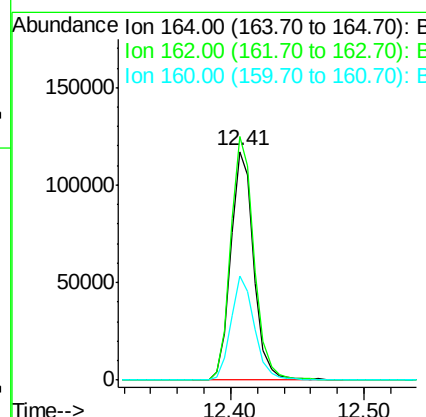
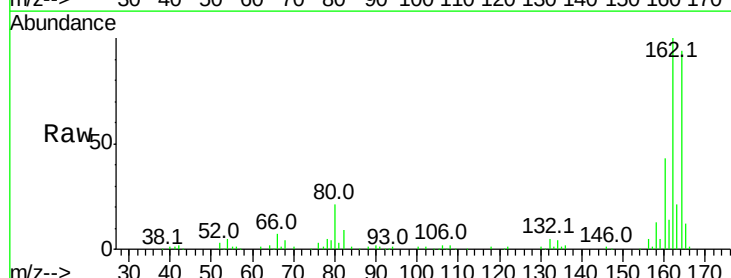
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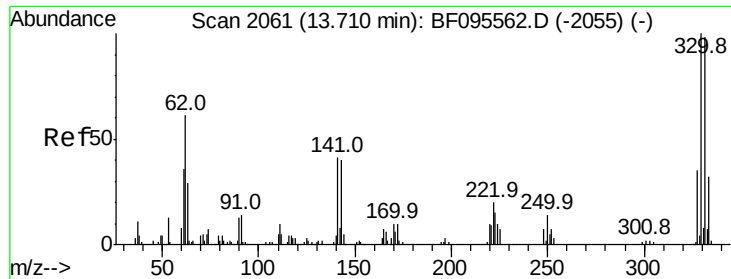
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.6	123.8
160	45.6	36.2	54.2





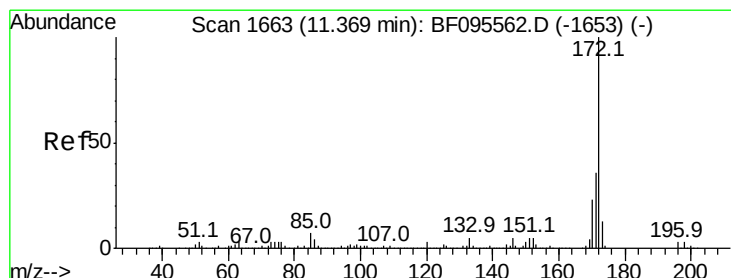
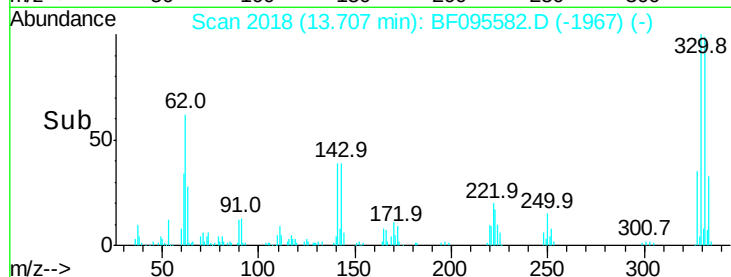
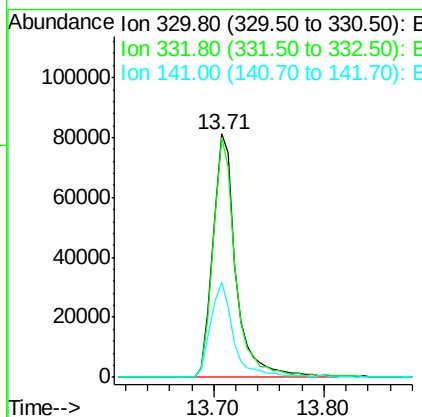
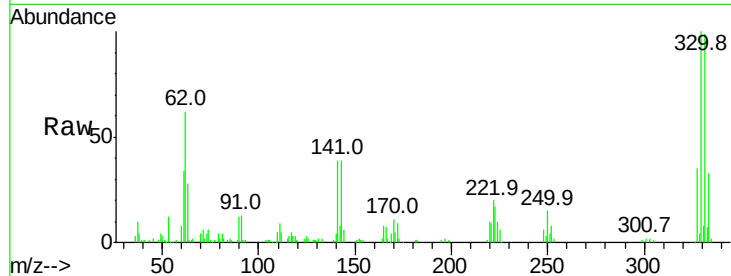
#41
 2,4,6-Tribromophenol
 Concen: 100.36 ng
 RT: 13.71 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF095582.D
 Acq: 1 Jun 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 NM9-COMP-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	38.5	31.4	47.2

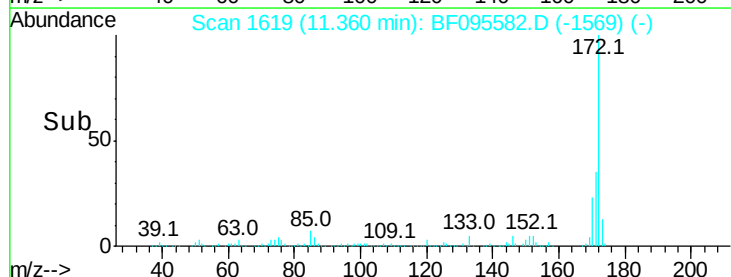
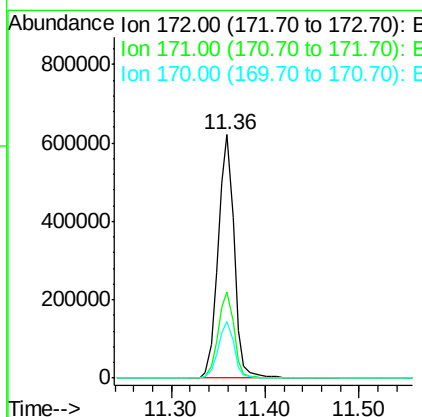
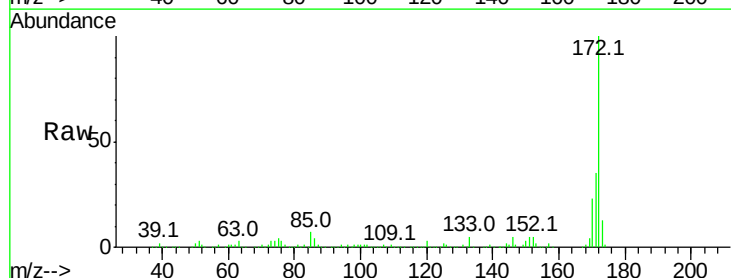
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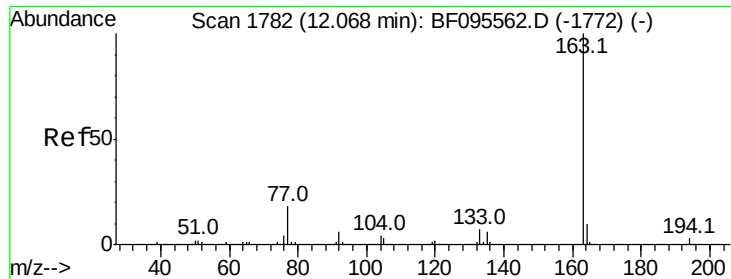
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#44
 2-Fluorobiphenyl
 Concen: 75.13 ng
 RT: 11.36 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF095582.D
 Acq: 1 Jun 2017 00:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.4	19.8	29.8





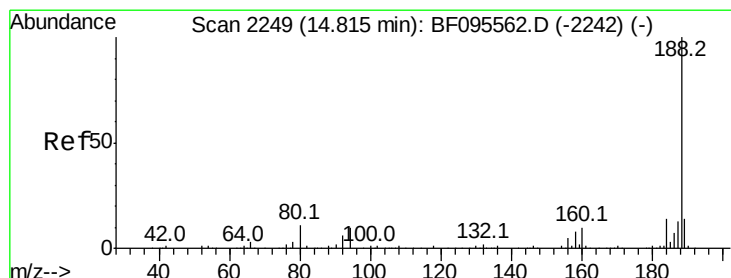
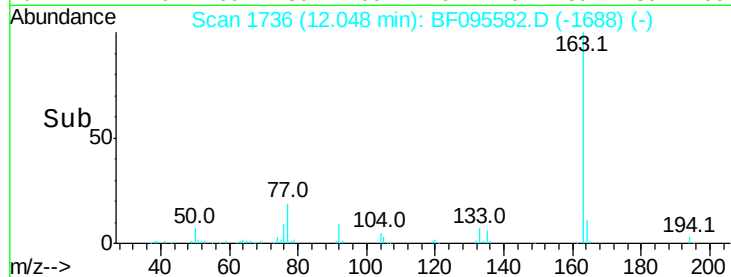
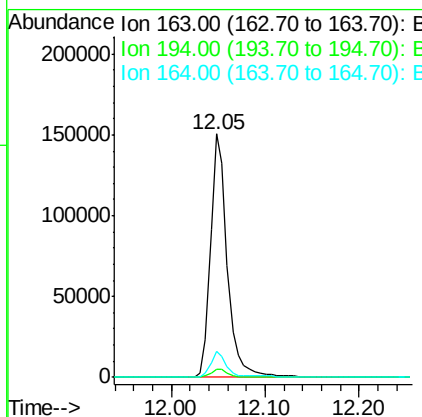
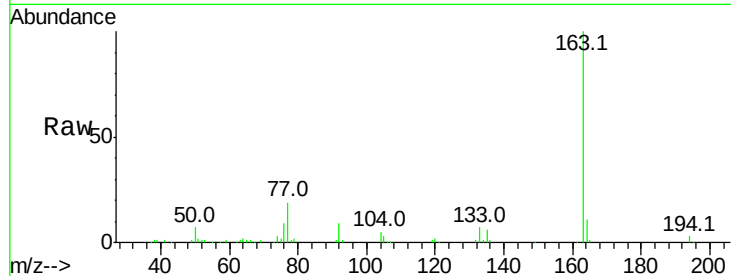
#49
Dimethylphthalate
Concen: 16.32 ng
RT: 12.05 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	190812		
194	3.2	2.6	4.0	
164	10.6	8.4	12.6	

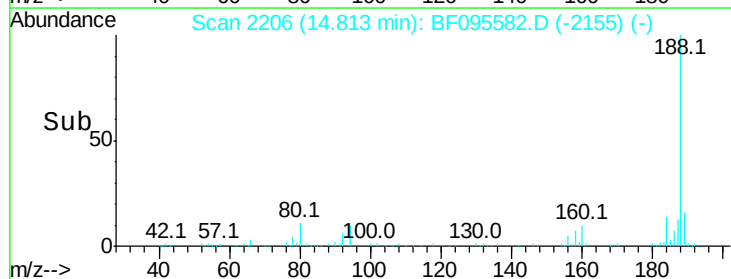
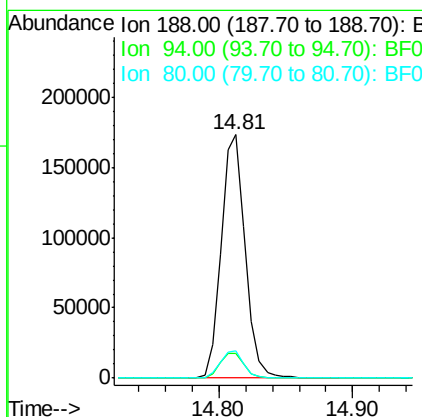
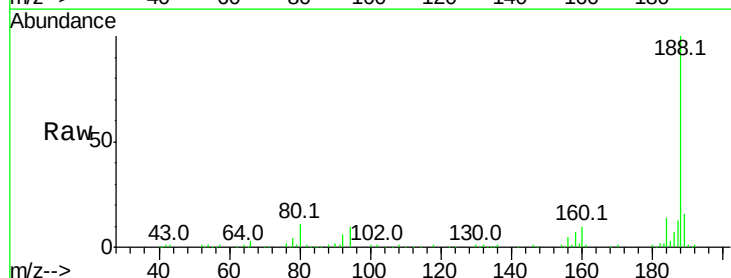
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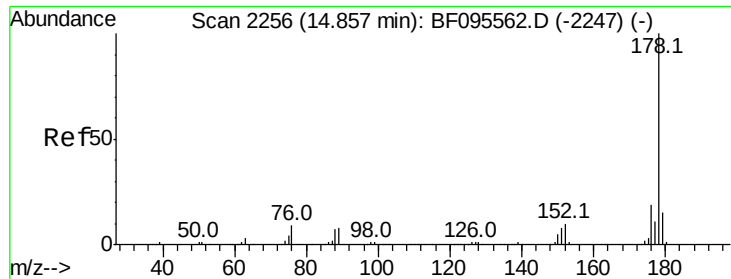
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	219603		
94	10.3	9.4	14.2	
80	11.1	10.2	15.2	





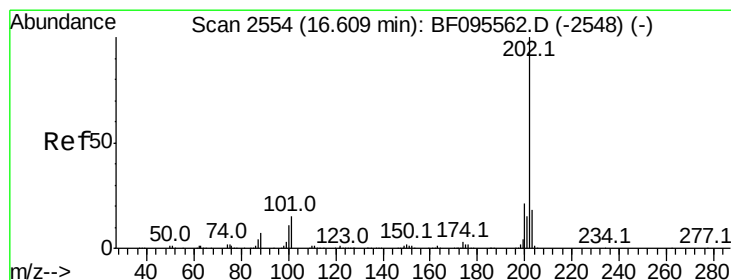
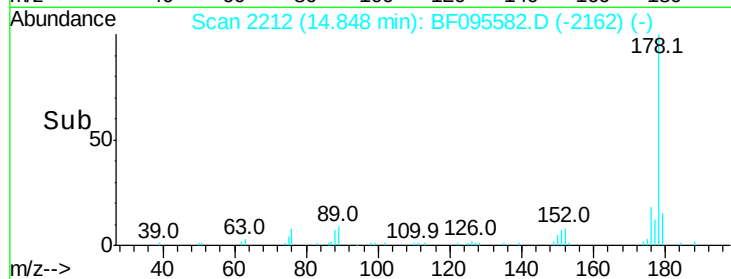
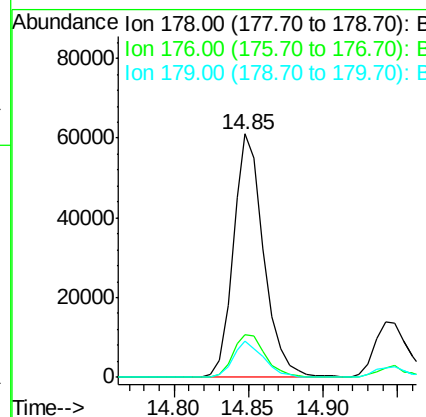
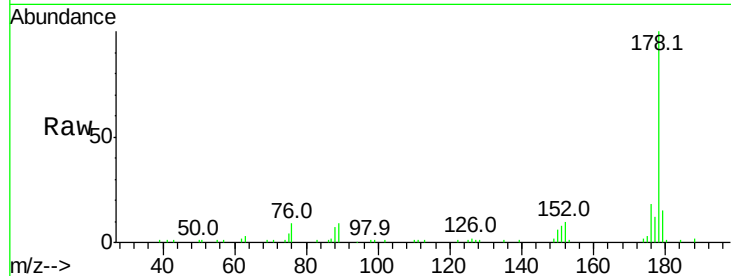
#70
Phenanthrene
Concen: 6.86 ng
RT: 14.85 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.2	24.4
179	15.1	12.6	19.0

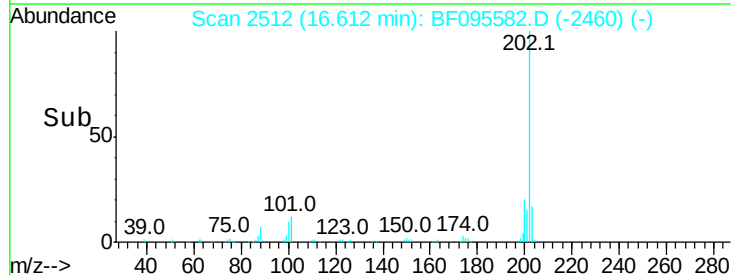
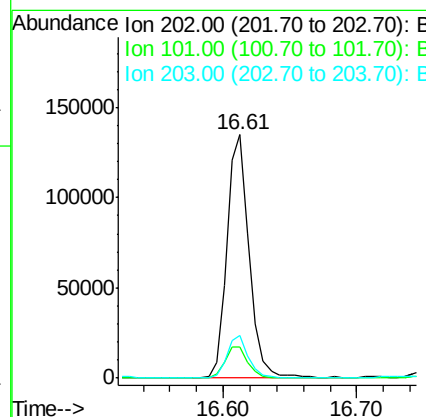
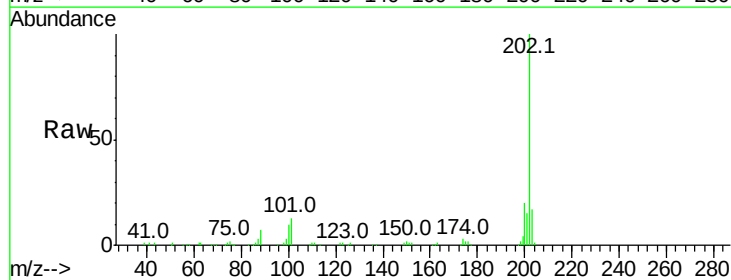
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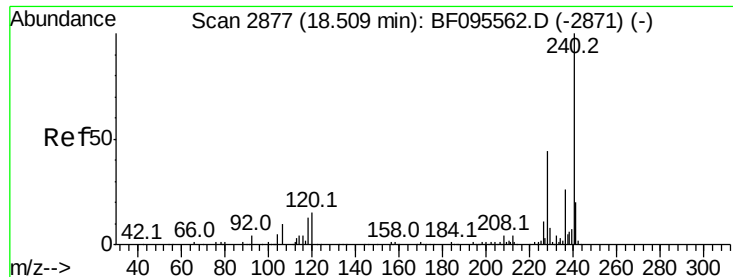
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#74
Fluoranthene
Concen: 12.27 ng
RT: 16.61 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.51 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

Instrument :

BNA_F

ClientSampleId :

NM9-COMP-0-6

Tot Ion:240 Resp: 215367
Ion Ratio Lower Upper

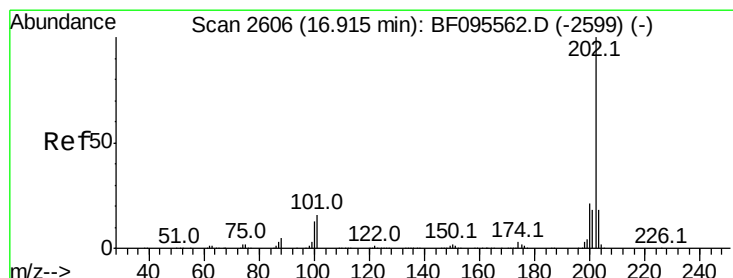
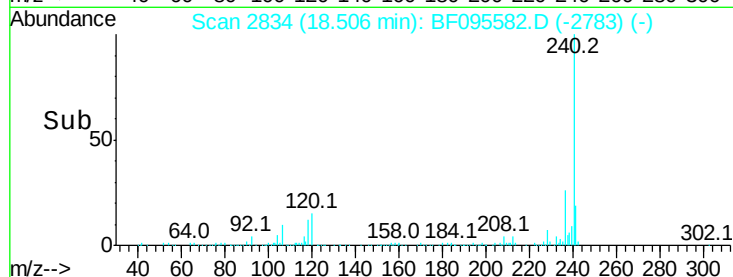
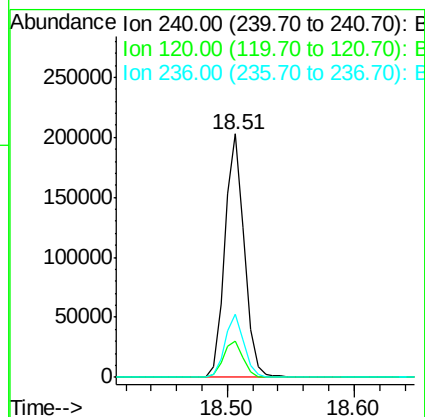
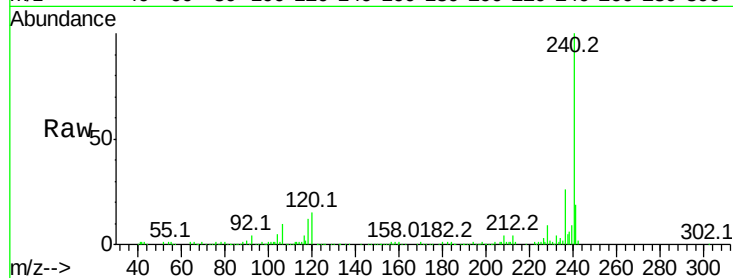
240 100

120 15.0 5.8 8.8#

236 25.9 20.5 30.7

Manual Integrations
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#77

Pyrene

Concen: 9.51 ng

RT: 16.91 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BF095582.D

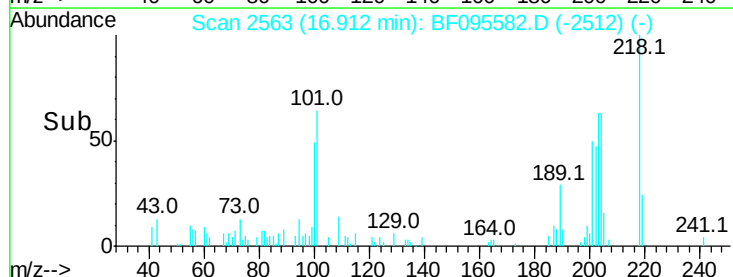
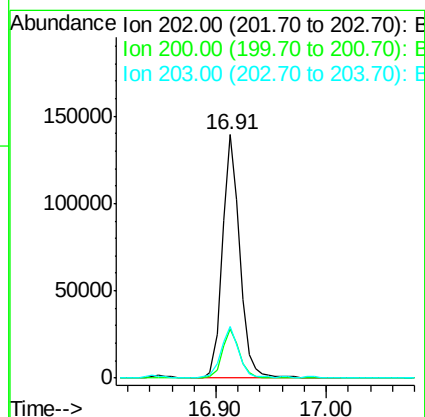
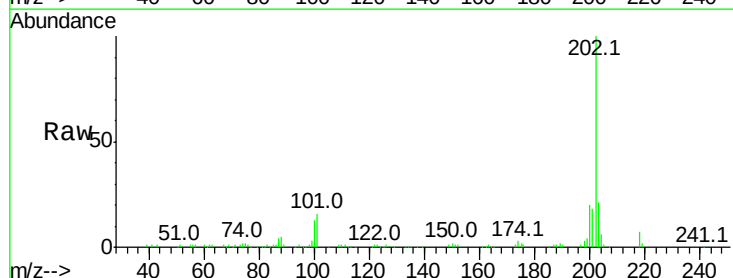
Acq: 1 Jun 2017 00:57

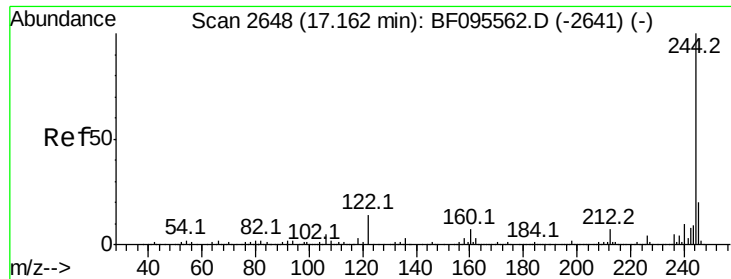
Tgt Ion:202 Resp: 153156
Ion Ratio Lower Upper

202 100

200 19.9 17.6 26.4

203 21.2 14.4 21.6





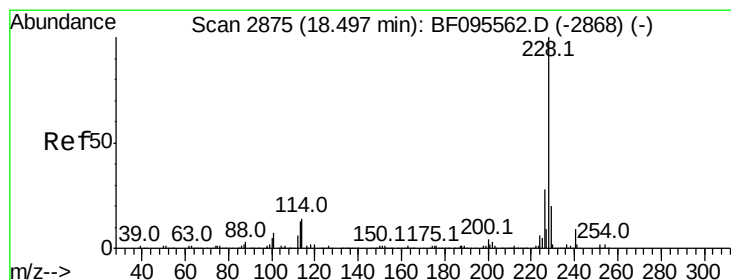
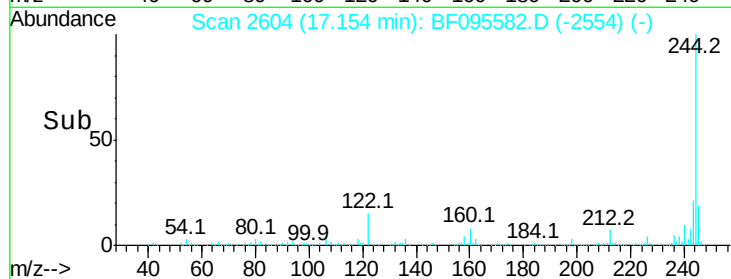
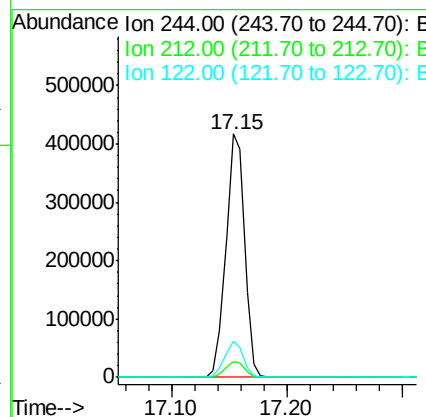
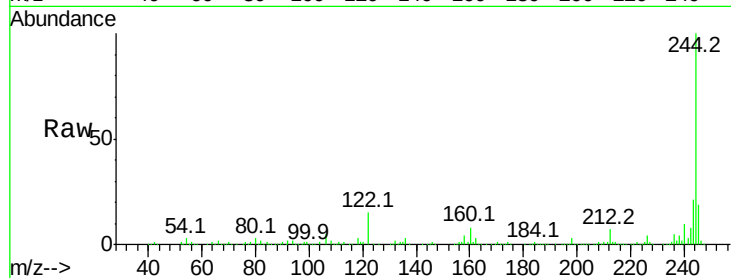
#78
 Terphenyl-d14
 Concen: 47.76 ng
 RT: 17.15 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BF095582.D
 Acq: 1 Jun 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 NM9-COMP-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.8	10.3	15.5

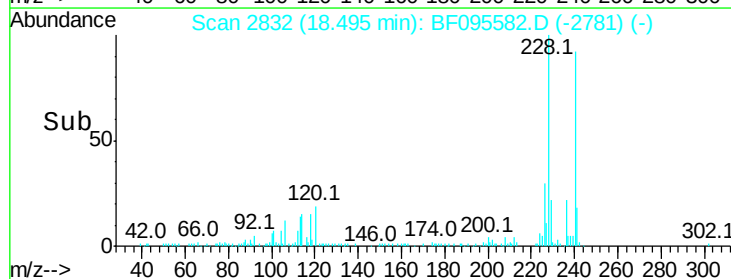
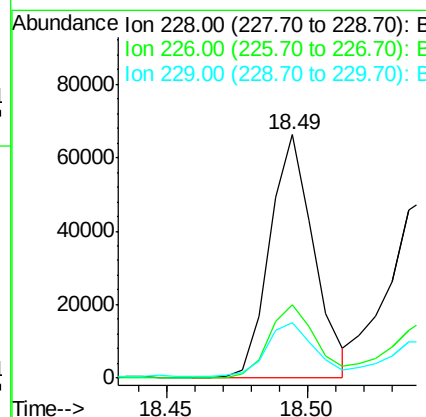
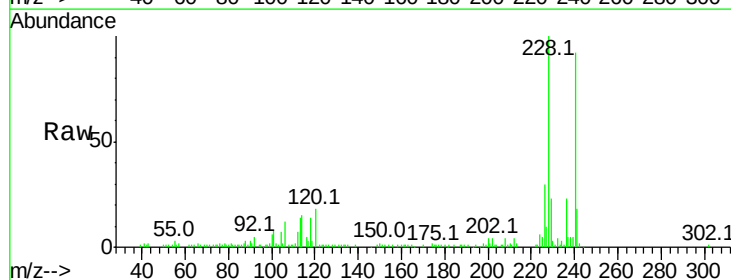
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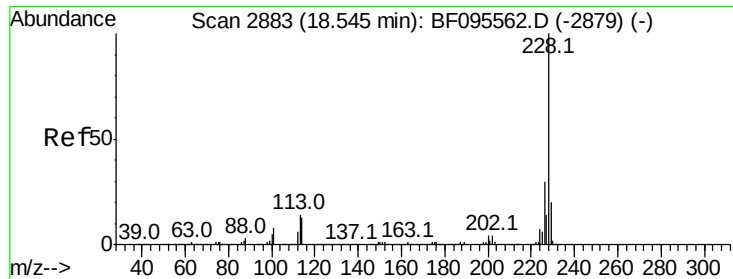
mohammad
 6/1/2017 2:20:43 PM



#80
 Benzo(a)anthracene
 Concen: 5.73 ng
 RT: 18.49 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BF095582.D
 Acq: 1 Jun 2017 00:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	22.9	16.3	24.5





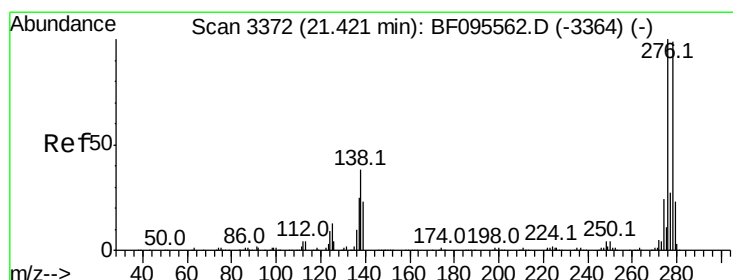
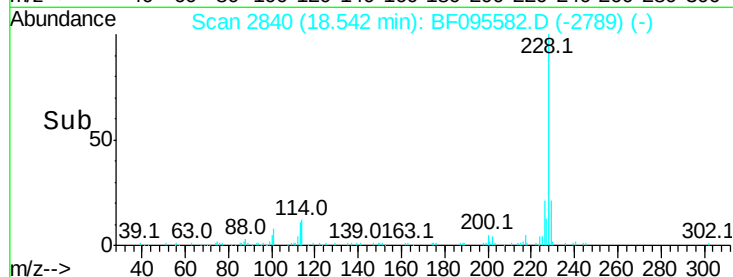
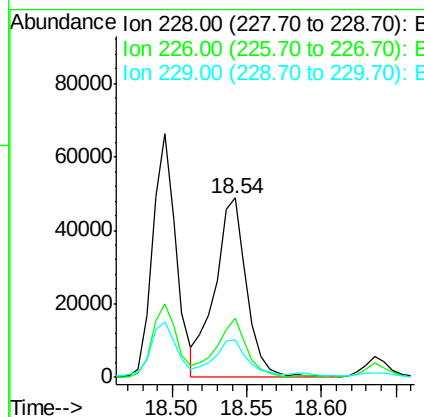
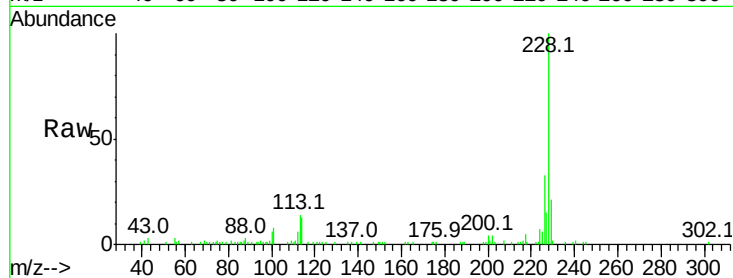
#82
Chrysene
Concen: 6.07 ng
RT: 18.54 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.9	37.3
229	20.8	15.8	23.6

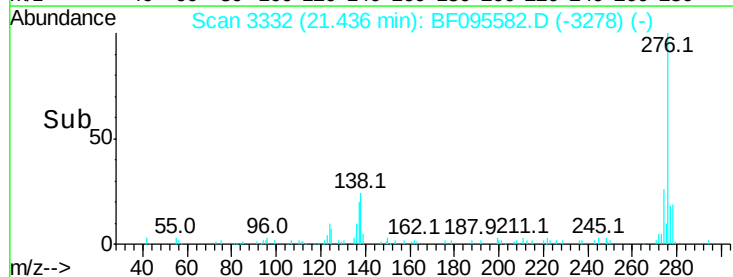
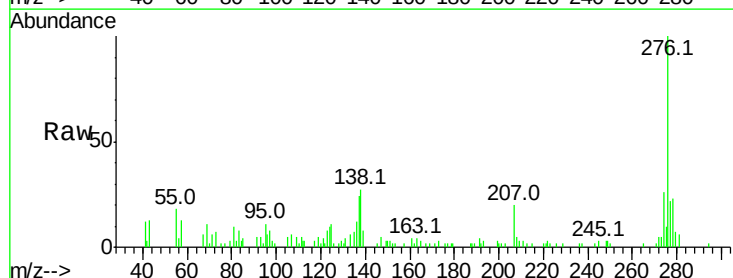
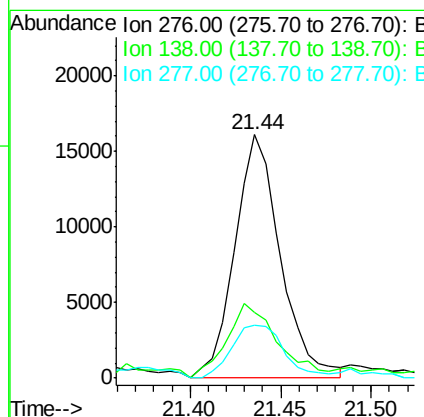
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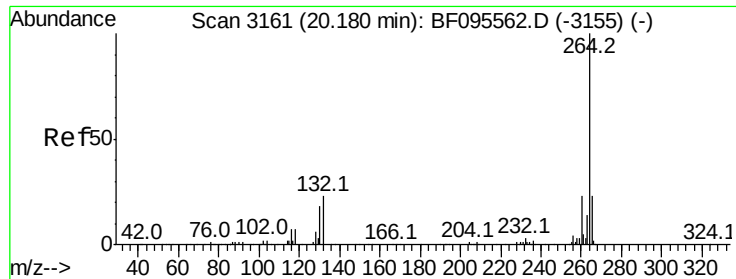
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.86 ng
RT: 21.44 min Scan# 3332
Delta R.T. 0.01 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.4	20.2	30.4





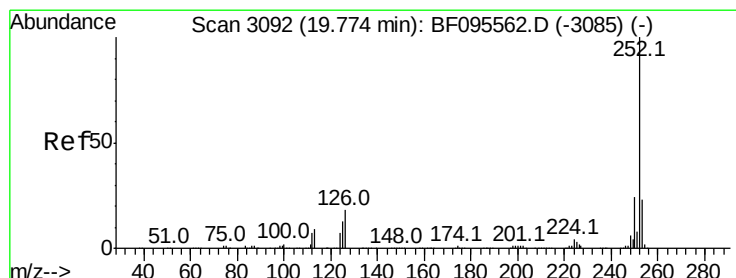
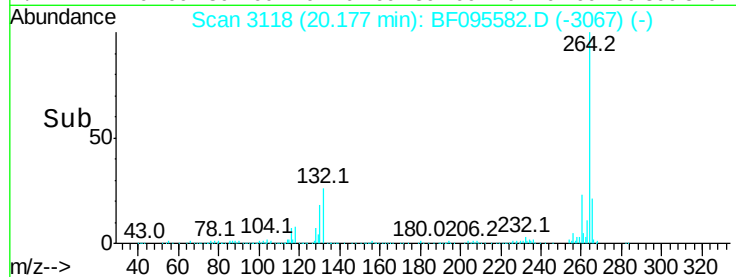
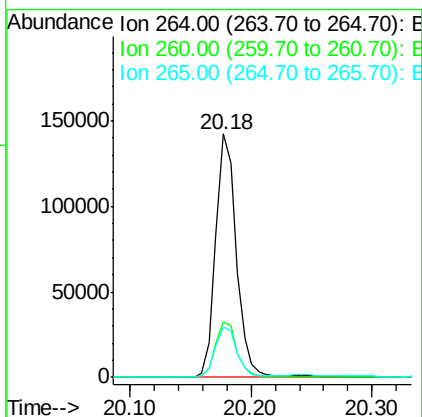
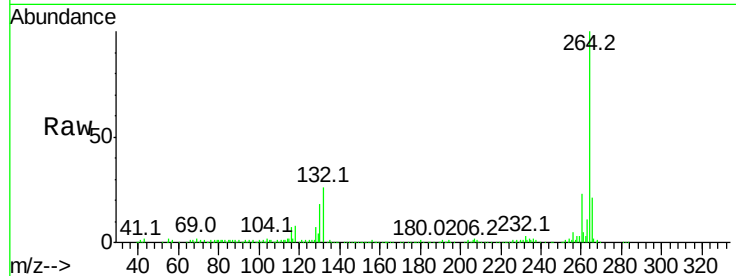
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.8	17.2	25.8

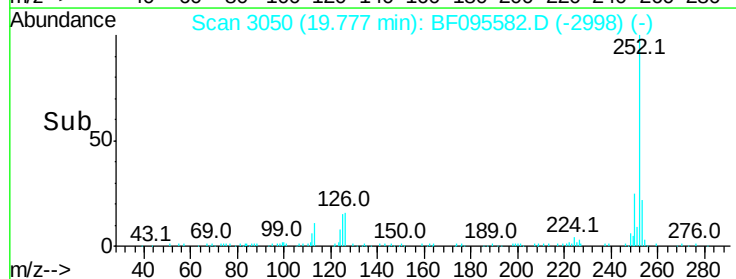
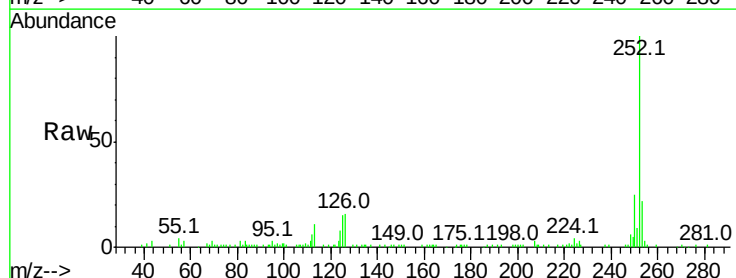
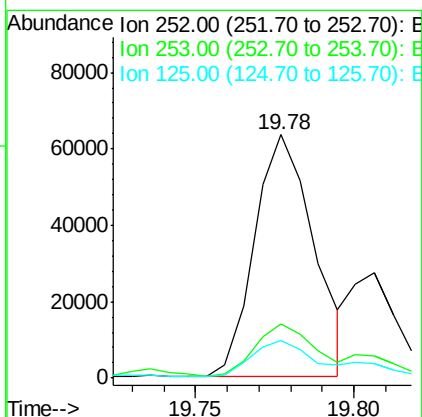
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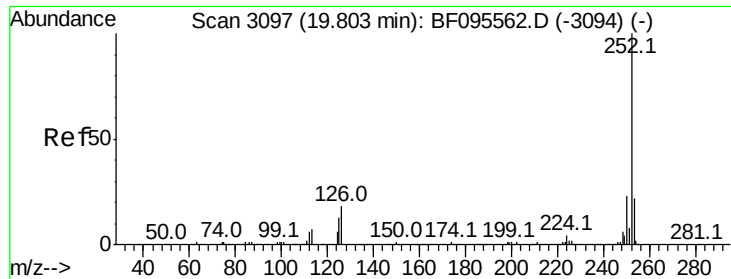
mohammad
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#87
Benzo(b)fluoranthene
Concen: 7.93 ng
RT: 19.78 min Scan# 3050
Delta R.T. 0.00 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	15.5	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 2.77 ng

RT: 19.81 min Scan# 3055

Delta R.T. 0.00 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

Instrument :

BNA_F

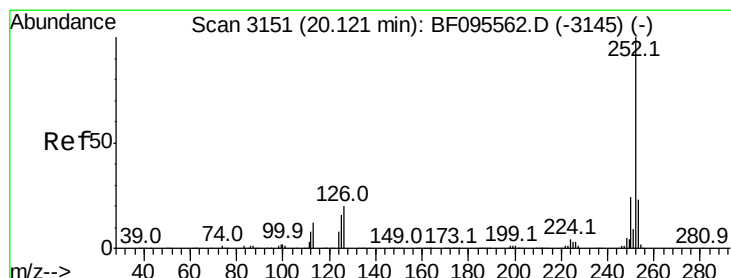
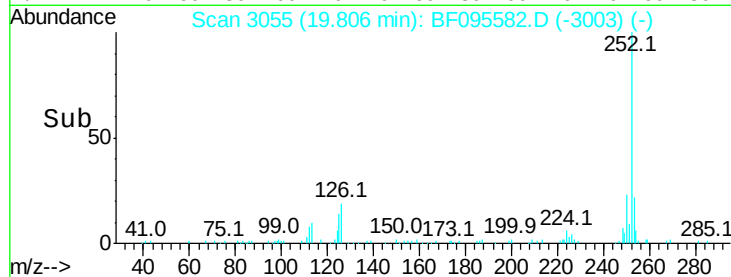
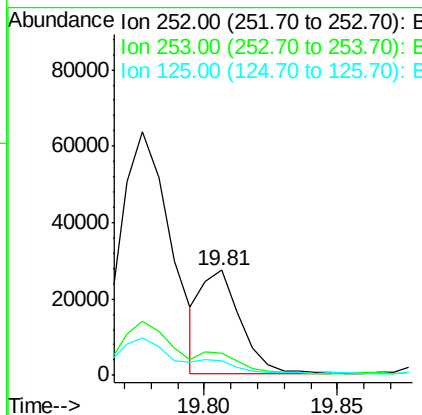
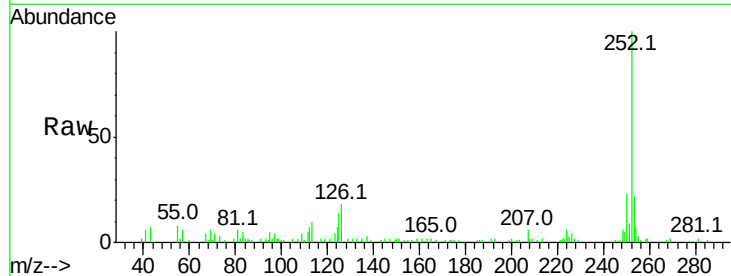
ClientSampleId :

NM9-COMP-0-6

Tot Ion:	252	Resp:	27915
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.4	27.6
125	13.8	13.1	19.7

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 5.94 ng

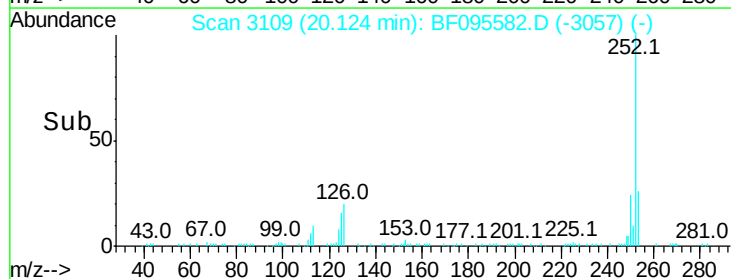
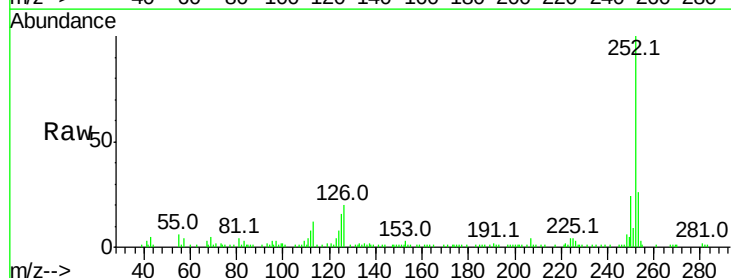
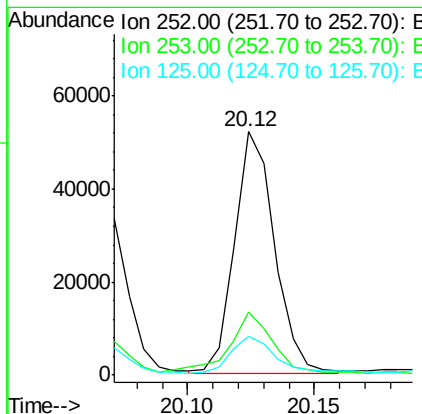
RT: 20.12 min Scan# 3109

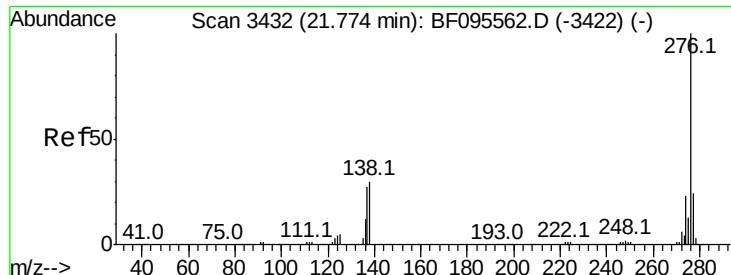
Delta R.T. 0.00 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

Tgt Ion:	252	Resp:	57282
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.5	26.3
125	16.0	11.0	16.4





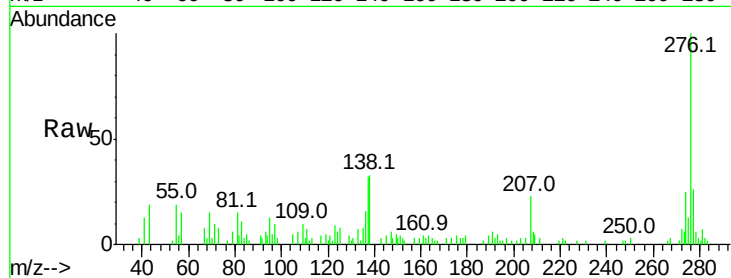
#91
 Benzo(a,h,i)perylene
 Concen: 3.82 ng
 RT: 21.79 min Scan# 3393
 Delta R.T. 0.02 min
 Lab File: BF095582.D
 Acq: 1 Jun 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 NM9-COMP-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	32.6	25.4	38.0

Manual Integrations
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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

