

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095583.D
 Acq On : 1 Jun 2017 1:29
 Operator : SJ/MA
 Sample : I3302-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM15-COMP-6-18

Manual Integrations
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Quant Time: Jun 01 07:35:09 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	89826	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	393393	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	138193	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	208834	20.00	ng	0.00
75) Chrysene-d12	18.51	240	175574	20.00	ng	0.00
86) Perylene-d12	20.18	264	133647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	597045	110.81	ng	0.00
7) Phenol-d6	7.11	99	751954	116.32	ng	0.00
23) Nitrobenzene-d5	8.47	82	422647	67.75	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	100707	88.98	ng	0.00
44) 2-Fluorobiphenyl	11.36	172	598110	62.30	ng	0.00
78) Terphenyl-d14	17.15	244	355214	44.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.05	163	103235	9.10	ng	Qvalue # 98
70) Phenanthrene	14.85	178	65888	5.49	ng	96
74) Fluoranthene	16.61	202	112845	9.17	ng	99
77) Pyrene	16.91	202	103598	7.89	ng	95
80) Benzo(a)anthracene	18.49	228	52651	5.15	ng	97
82) Chrysene	18.54	228	48980	4.96	ng	98
85) Indeno(1,2,3-cd)pyrene	21.44	276	21738	2.71	ng	99
87) Benzo(b)fluoranthene	19.78	252	56517m	6.84	ng	
88) Benzo(k)fluoranthene	19.81	252	19985m	2.51	ng	
89) Benzo(a)pyrene	20.13	252	40184	5.27	ng	98
91) Benzo(g,h,i)perylene	21.80	276	20536	3.33	ng	92

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

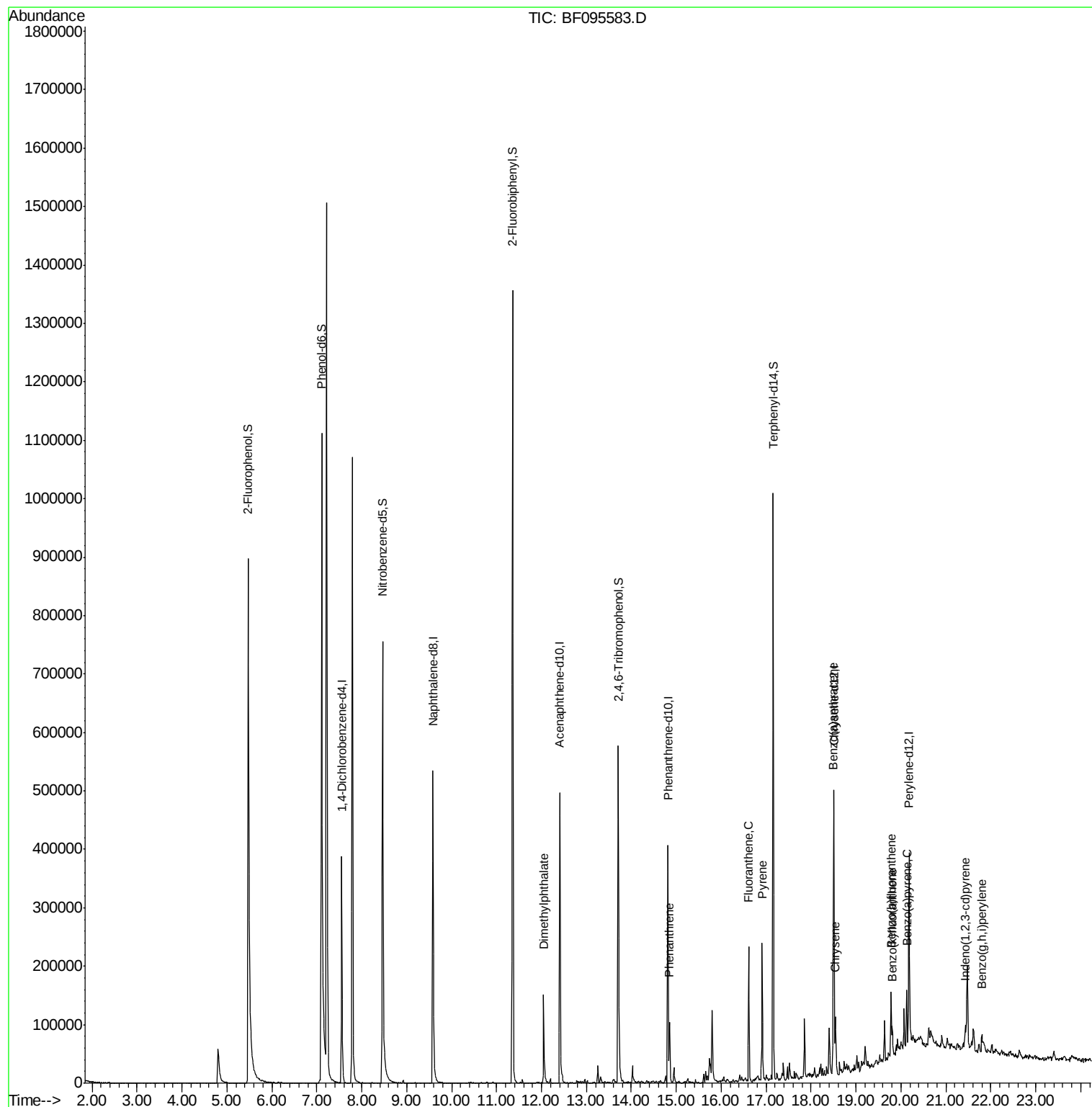
Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095583.D
Acq On : 1 Jun 2017 1:29
Operator : SJ/MA
Sample : I3302-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

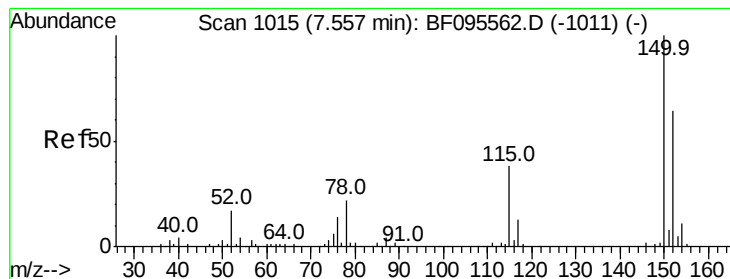
Instrument :
BNA_F
ClientSampleId :
NM15-COMP-6-18

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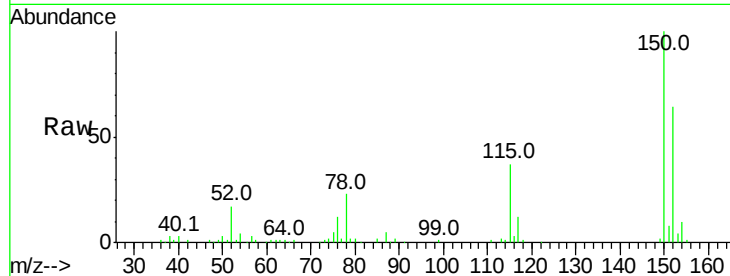
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.55 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF095583.D
 Acq: 1 Jun 2017 1:29

Instrument :
 BNA_F
 ClientSampleId :
 NM15-COMP-6-18

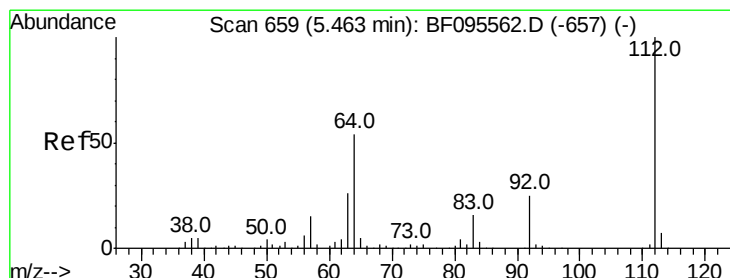
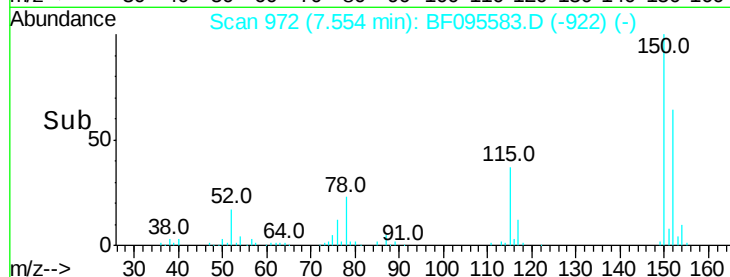
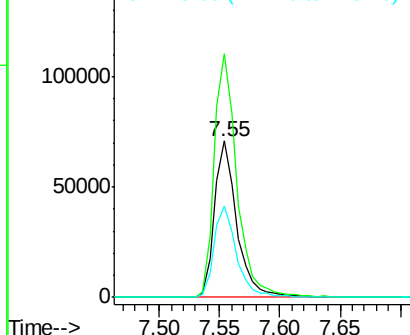
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	58.1	52.2	78.2

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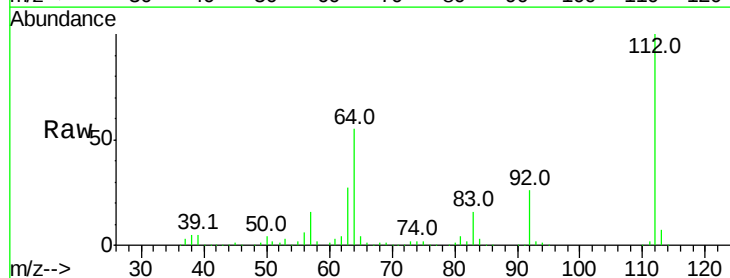


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

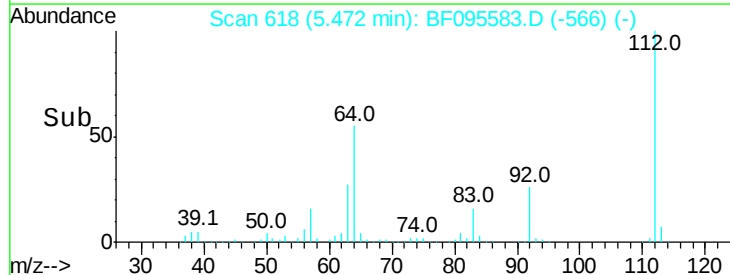
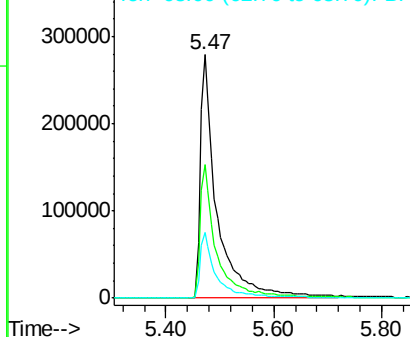


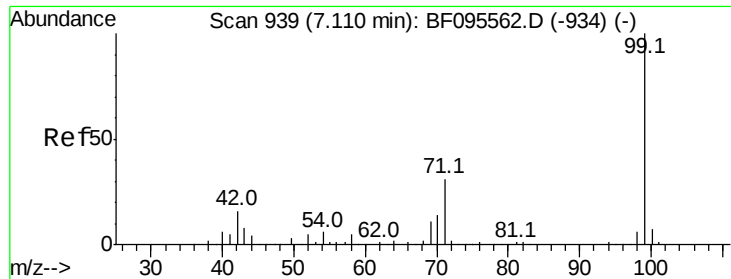
#5
 2-Fluorophenol
 Concen: 110.81 ng
 RT: 5.47 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF095583.D
 Acq: 1 Jun 2017 1:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.8	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: 116.32 ng

RT: 7.11 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF095583.D

Acq: 1 Jun 2017 1:29

Instrument :

BNA_F

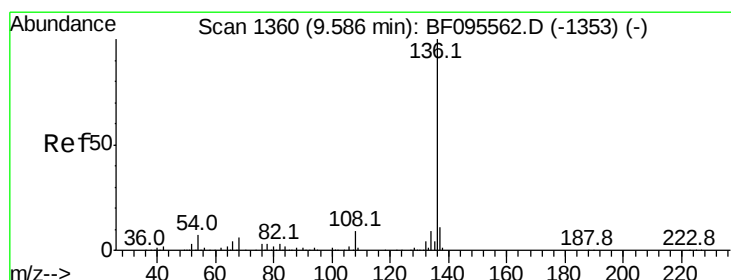
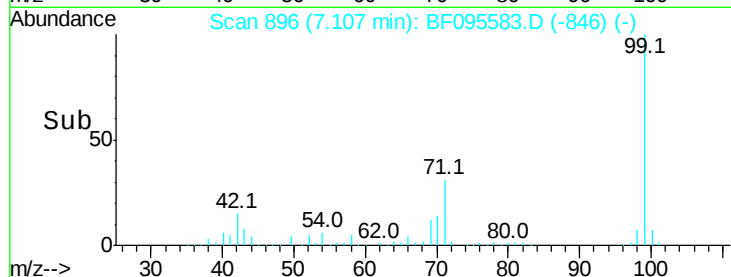
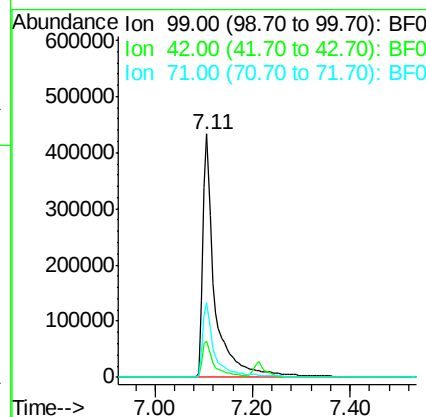
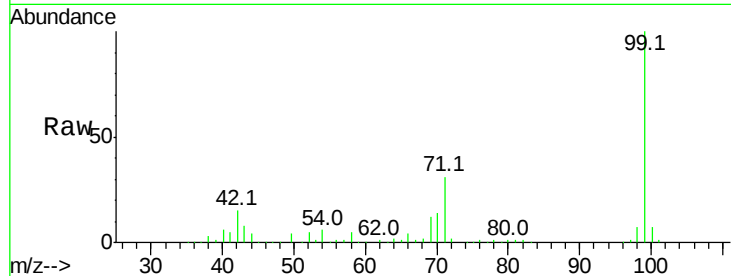
ClientSampleId :

NM15-COMP-6-18

Tot Ion:	99	Resp:	751954
Ion Ratio	Lower	Upper	
99	100		
42	14.9	13.5	20.3
71	30.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

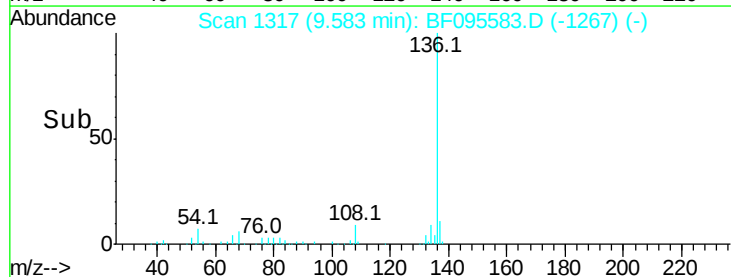
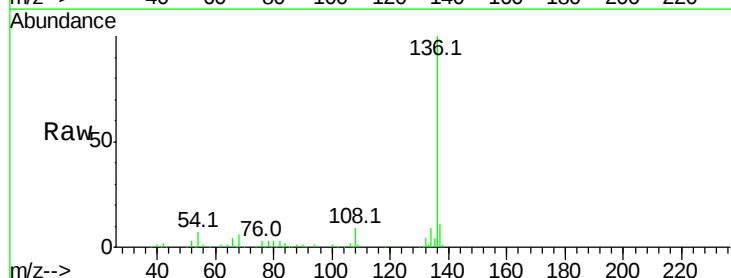
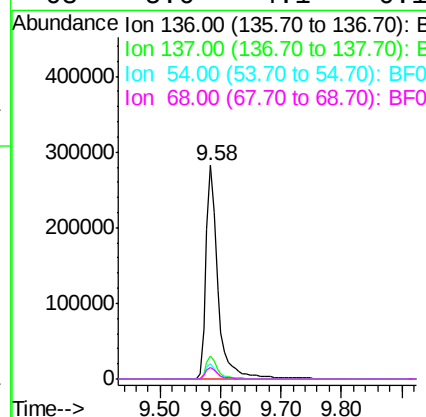
RT: 9.58 min Scan# 1317

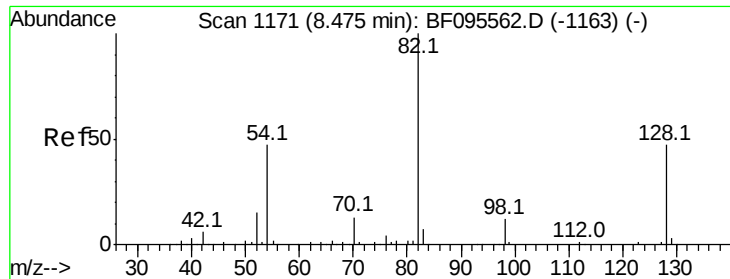
Delta R.T. -0.00 min

Lab File: BF095583.D

Acq: 1 Jun 2017 1:29

Tgt Ion:	136	Resp:	393393
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.9	4.9	7.3
68	5.6	4.1	6.1





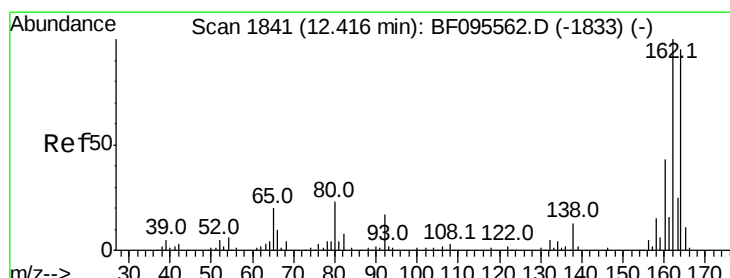
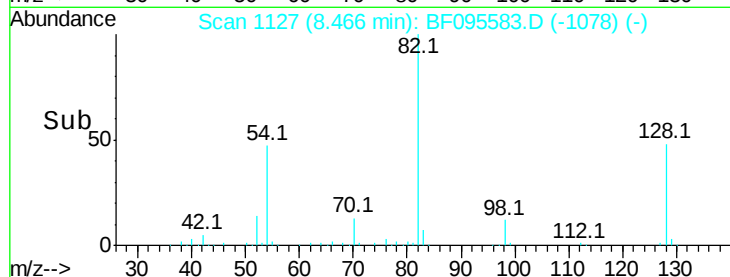
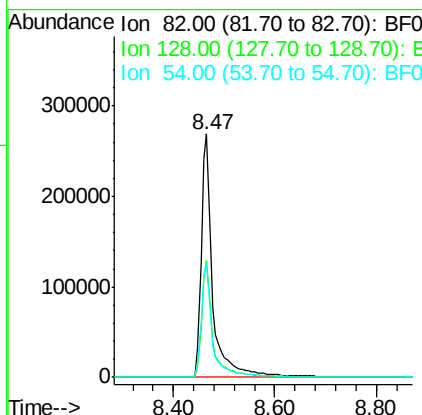
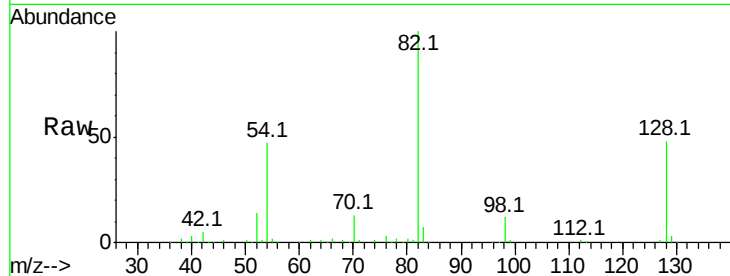
#23
Nitrobenzene-d5
Concen: 67.75 ng
RT: 8.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF095583.D
Acq: 1 Jun 2017 1:29

Instrument :
BNA_F
ClientSampleId :
NM15-COMP-6-18

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	46.7	42.2	63.2

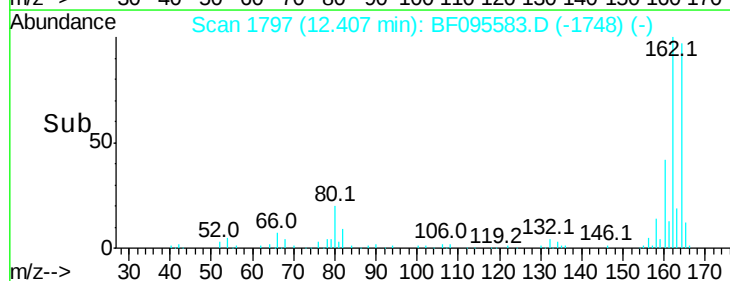
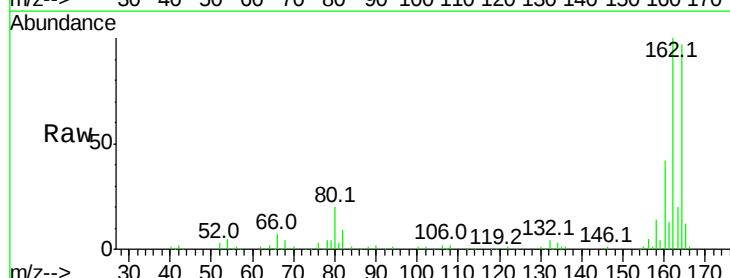
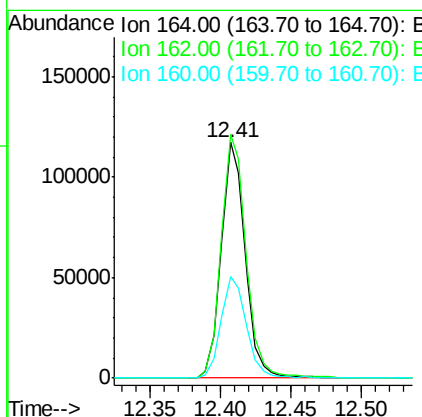
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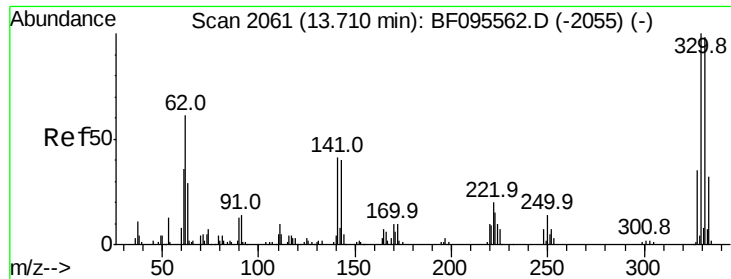
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF095583.D
Acq: 1 Jun 2017 1:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	43.1	36.2	54.2





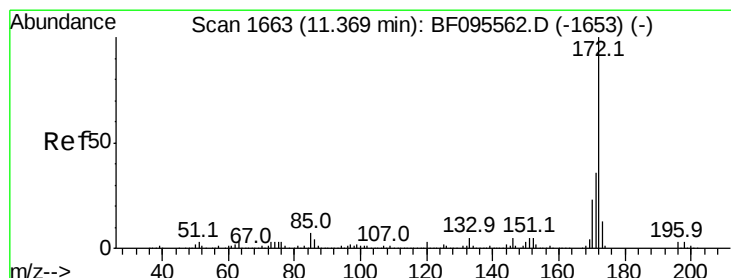
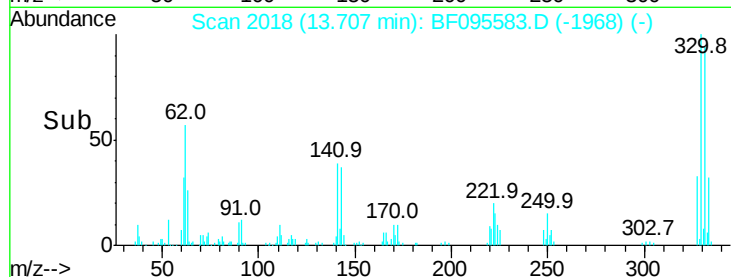
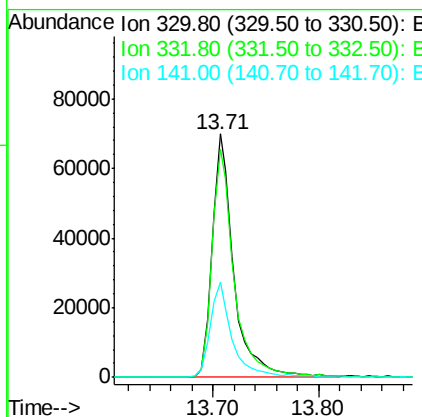
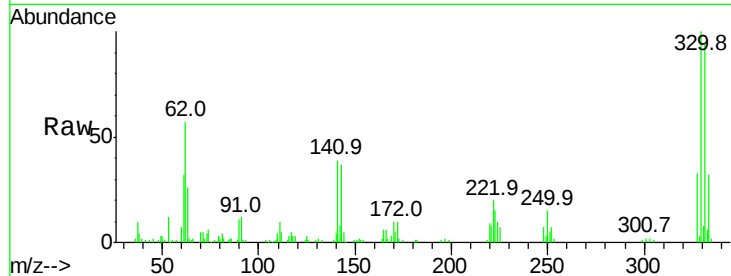
#41
 2,4,6-Tribromophenol
 Concen: 88.98 ng
 RT: 13.71 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF095583.D
 Acq: 1 Jun 2017 1:29

Instrument :
 BNA_F
 ClientSampleId :
 NM15-COMP-6-18

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	39.6	31.4	47.2

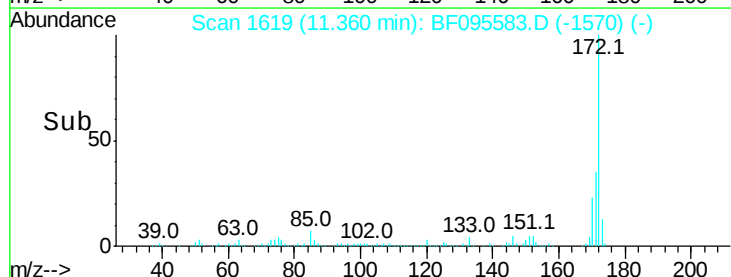
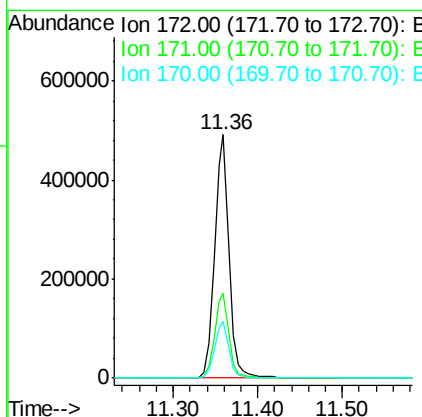
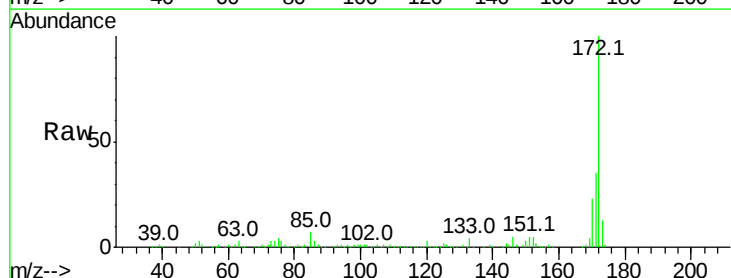
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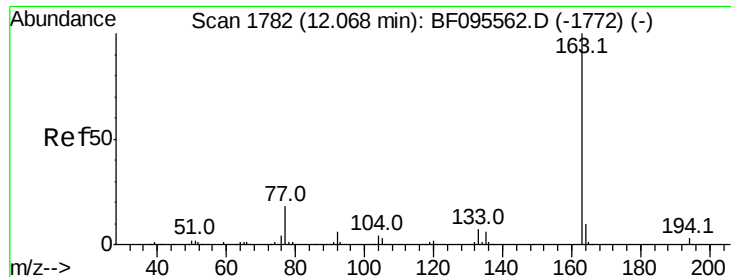
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#44
 2-Fluorobiphenyl
 Concen: 62.30 ng
 RT: 11.36 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF095583.D
 Acq: 1 Jun 2017 1:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.4	19.8	29.8





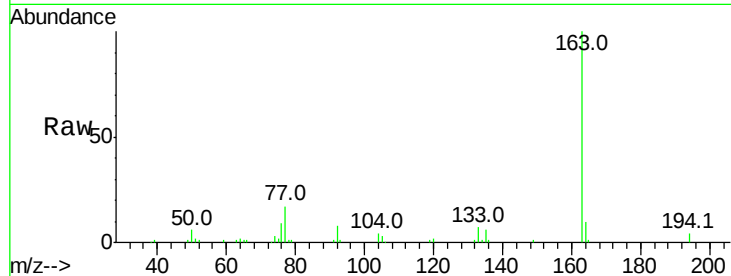
#49
Dimethylphthalate
Concen: 9.10 ng
RT: 12.05 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BF095583.D
Acq: 1 Jun 2017 1:29

Instrument :
BNA_F
ClientSampleId :
NM15-COMP-6-18

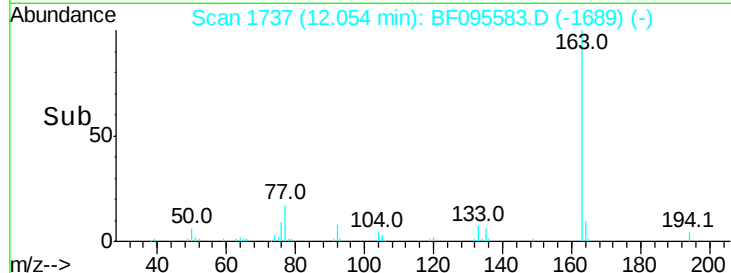
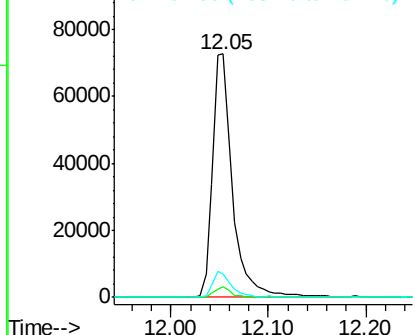
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.6	4.0#	
164	9.6	8.4	12.6	

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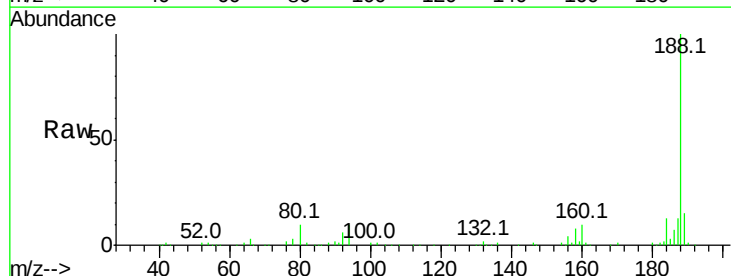
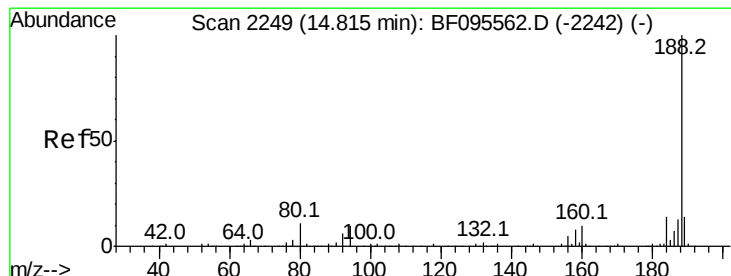
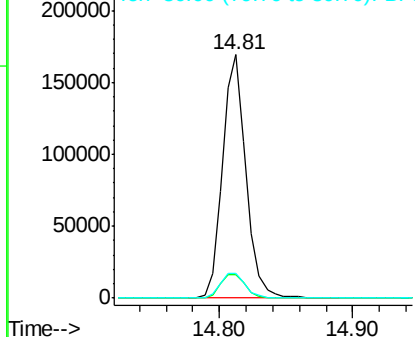
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

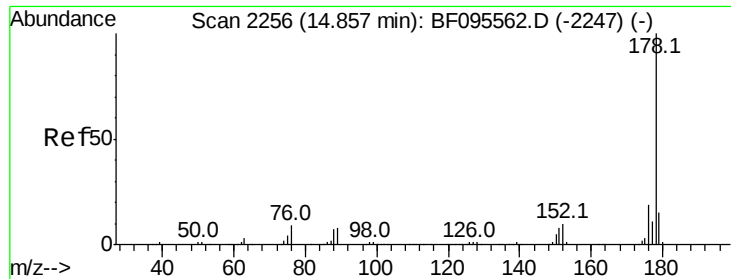


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF095583.D
Acq: 1 Jun 2017 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.7	9.4	14.2	
80	10.2	10.2	15.2	

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





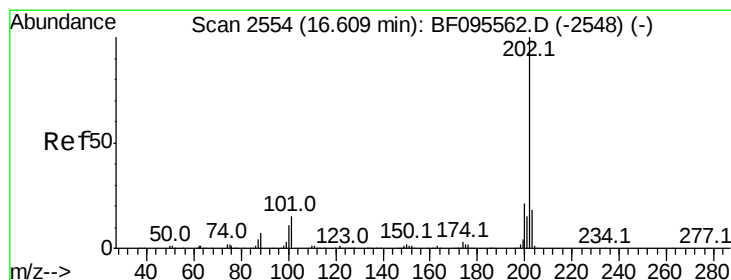
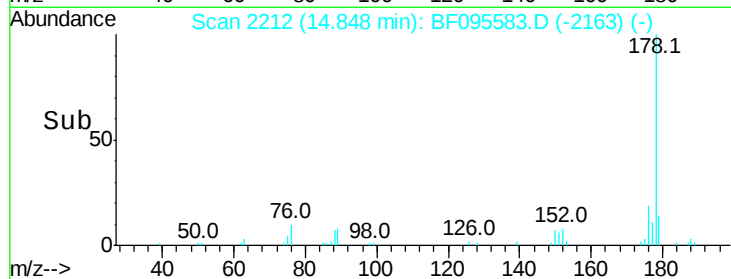
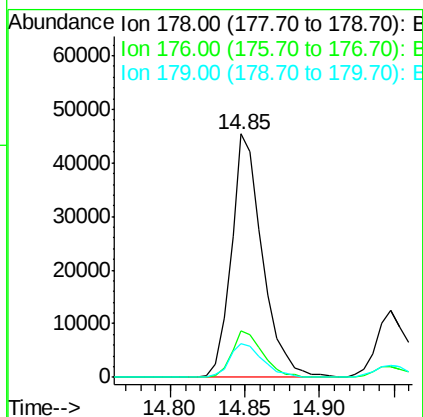
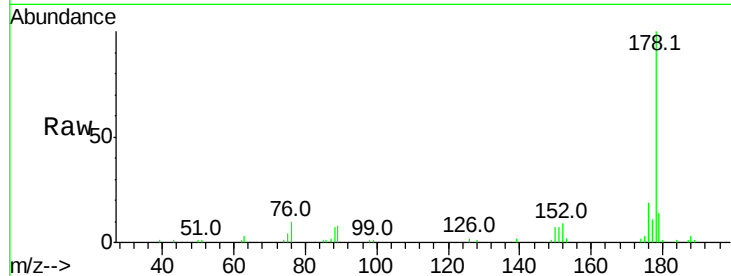
#70
Phenanthrene
Concen: 5.49 ng
RT: 14.85 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF095583.D
Acq: 1 Jun 2017 1:29

Instrument :
BNA_F
ClientSampleId :
NM15-COMP-6-18

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	13.8	12.6	19.0

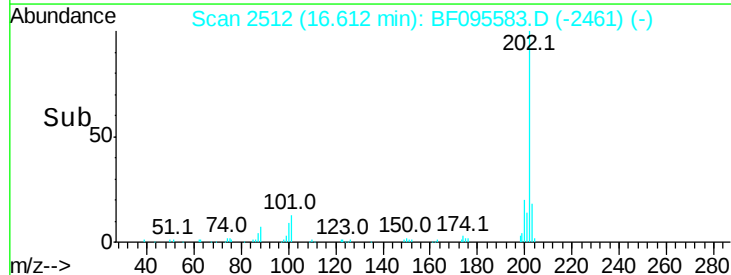
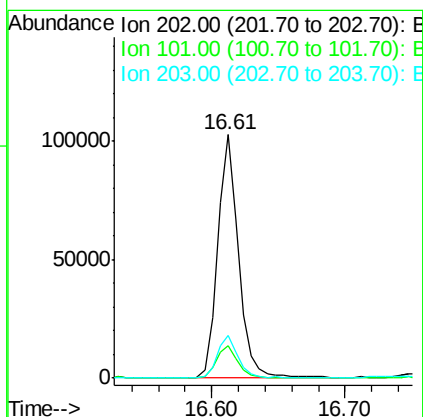
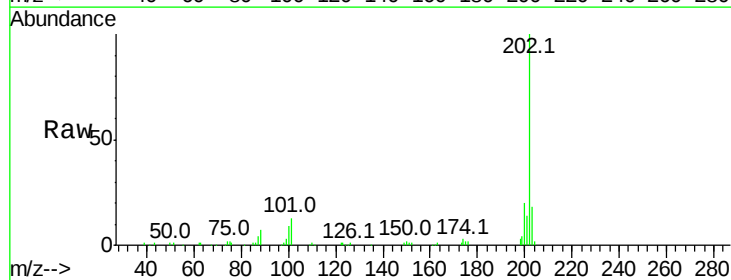
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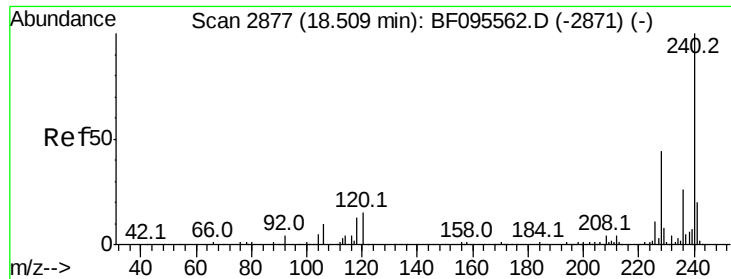
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#74
Fluoranthene
Concen: 9.17 ng
RT: 16.61 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF095583.D
Acq: 1 Jun 2017 1:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.6	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: BF095583.D

Acq: 1 Jun 2017 1:29

Instrument :

BNA_F

ClientSampleId :

NM15-COMP-6-18

Tot Ion:240 Resp: 175574

Ion Ratio Lower Upper

240 100

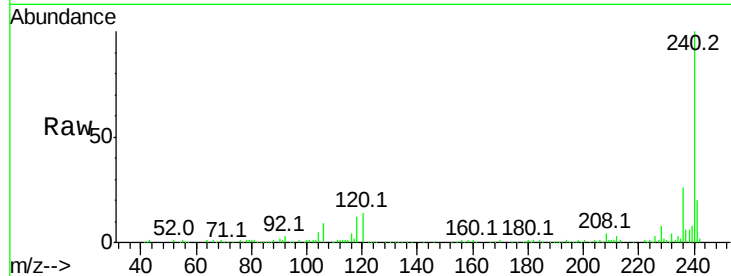
120 14.4 5.8 8.8#

236 25.8 20.5 30.7

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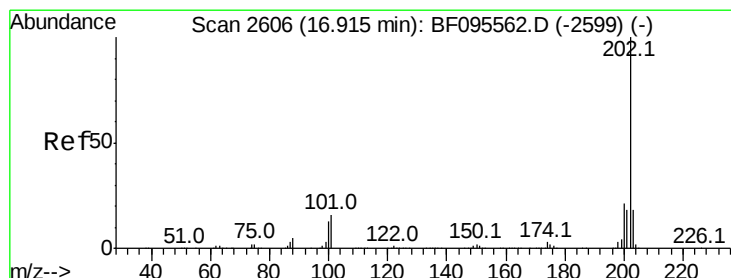
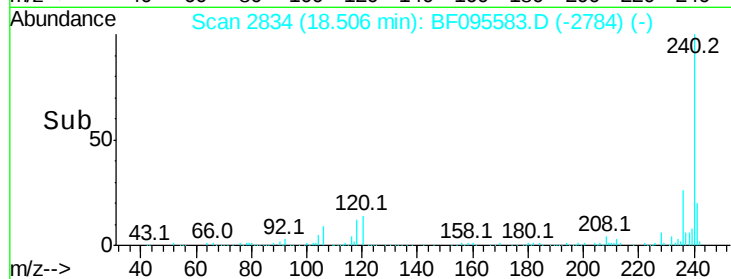
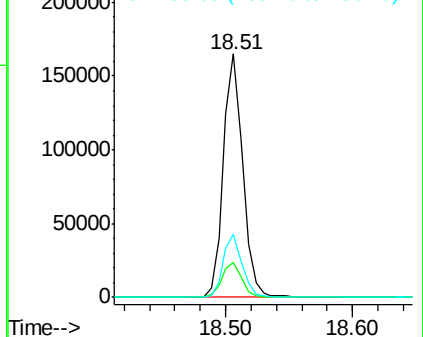
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.89 ng

RT: 16.91 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BF095583.D

Acq: 1 Jun 2017 1:29

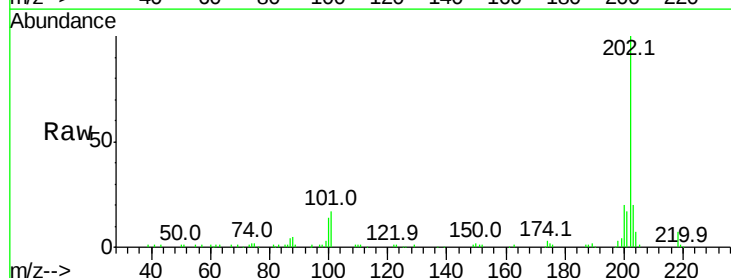
Tgt Ion:202 Resp: 103598

Ion Ratio Lower Upper

202 100

200 20.2 17.6 26.4

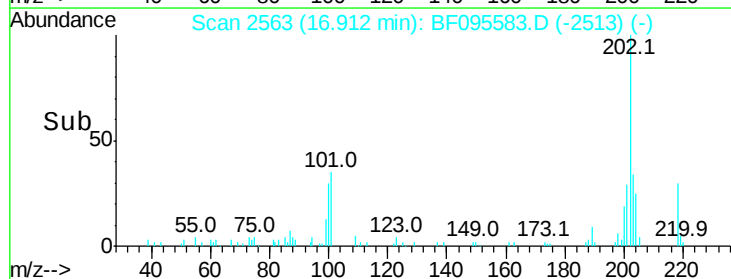
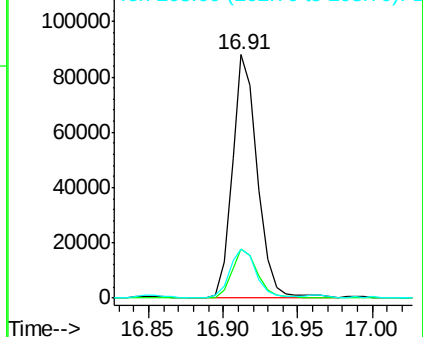
203 20.4 14.4 21.6

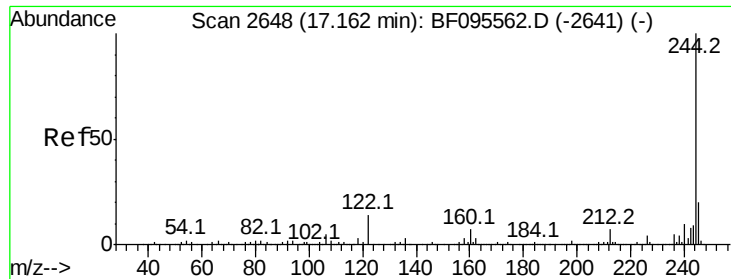


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 44.56 ng

RT: 17.15 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BF095583.D

Acq: 1 Jun 2017 1:29

Instrument :

BNA_F

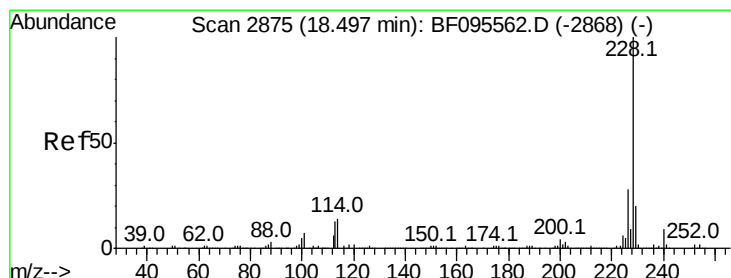
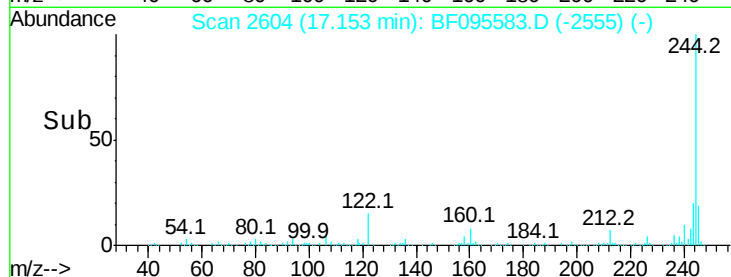
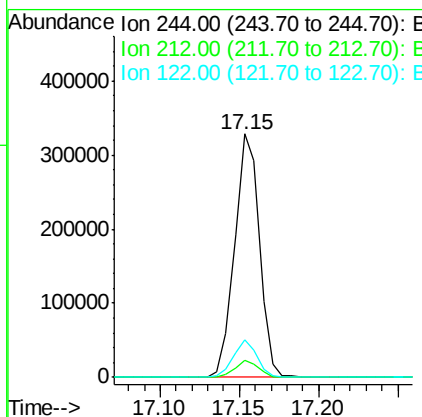
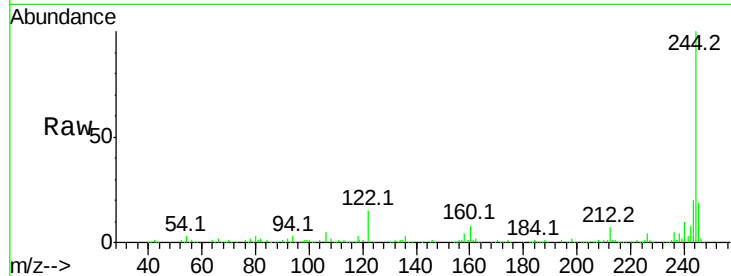
ClientSampleId :

NM15-COMP-6-18

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.5	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 5.15 ng

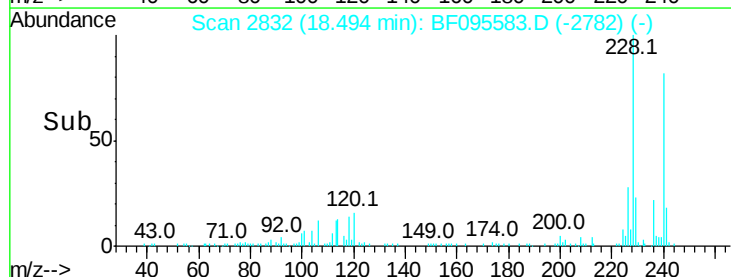
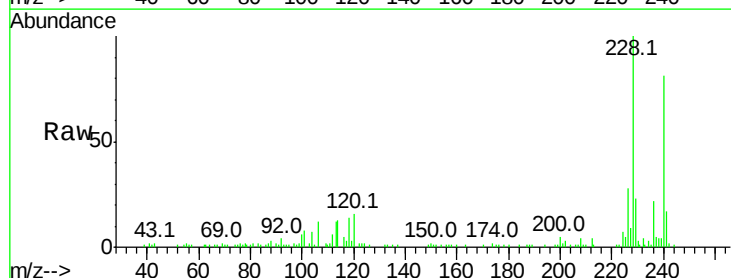
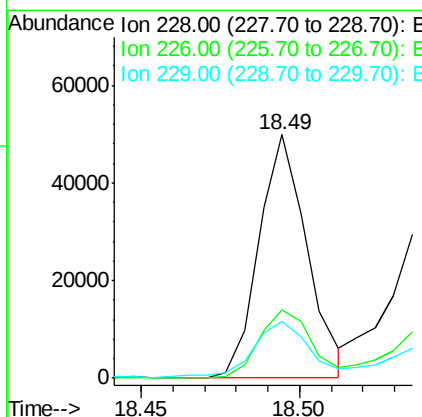
RT: 18.49 min Scan# 2832

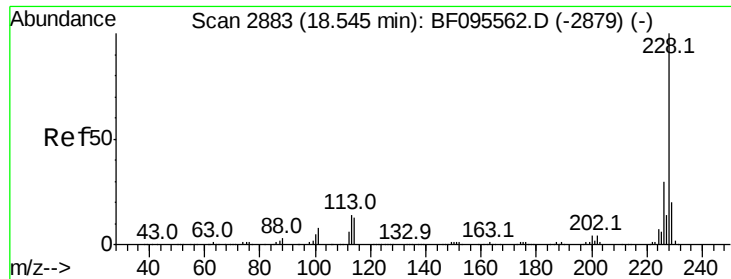
Delta R.T. -0.00 min

Lab File: BF095583.D

Acq: 1 Jun 2017 1:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	23.2	16.3	24.5





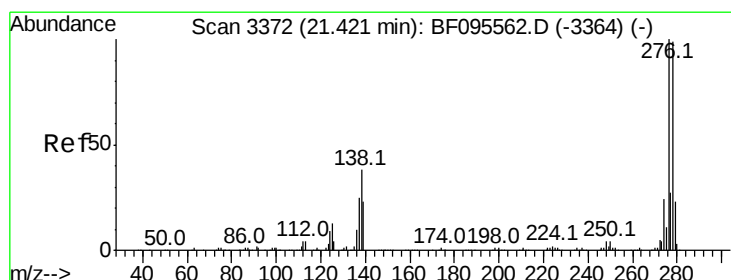
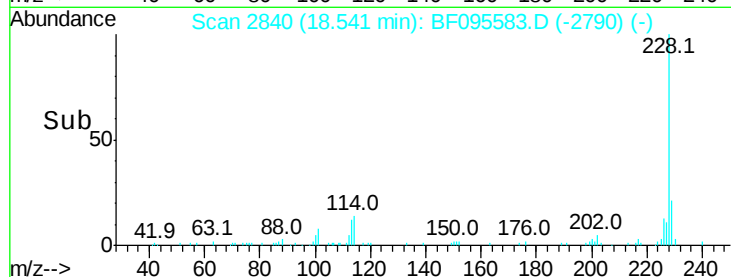
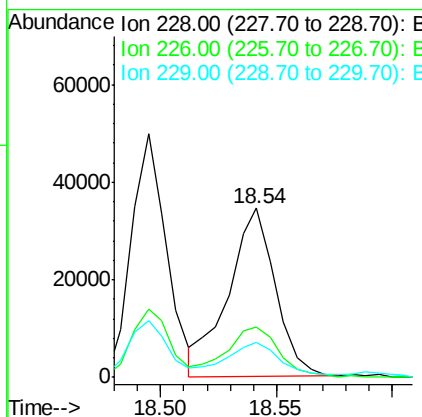
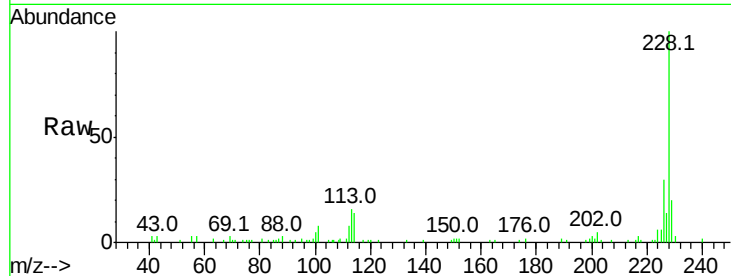
#82
Chrysene
Concen: 4.96 ng
RT: 18.54 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BF095583.D
Acq: 1 Jun 2017 1:29

Instrument :
BNA_F
ClientSampleId :
NM15-COMP-6-18

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	20.4	15.8	23.6

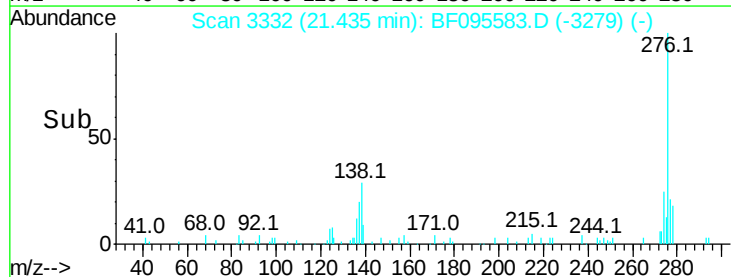
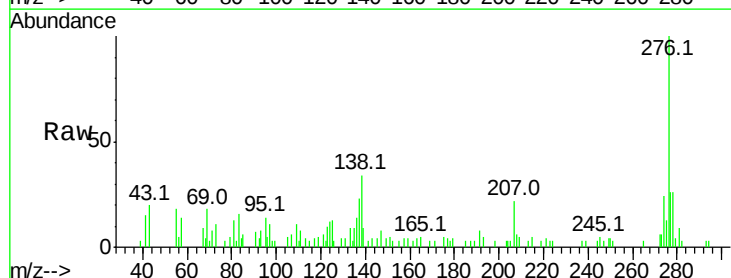
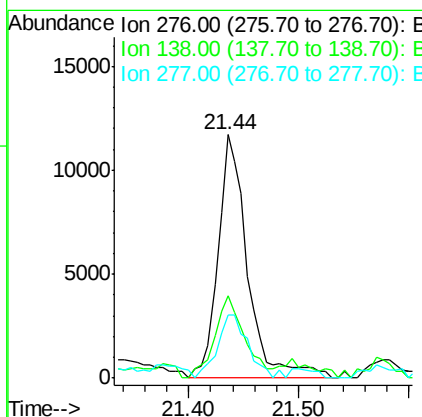
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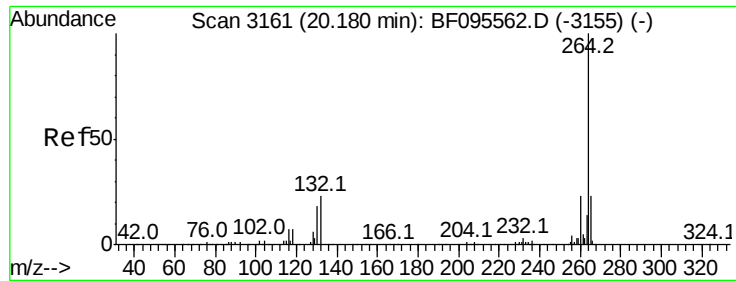
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.71 ng
RT: 21.44 min Scan# 3332
Delta R.T. 0.01 min
Lab File: BF095583.D
Acq: 1 Jun 2017 1:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	26.4	20.2	30.4





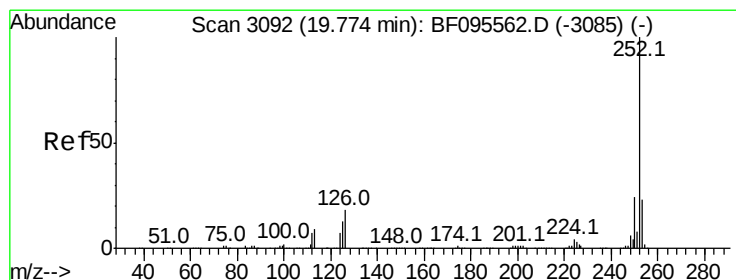
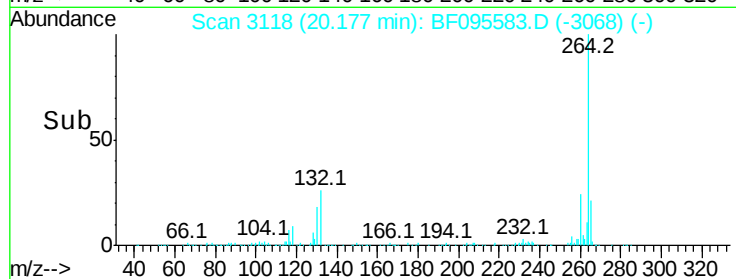
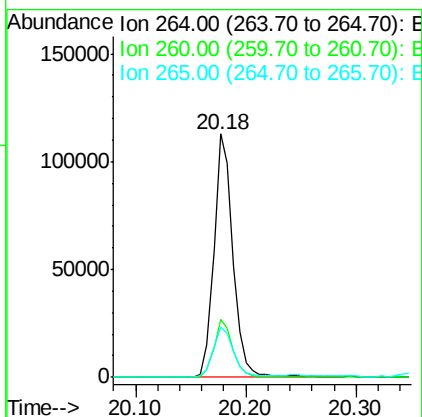
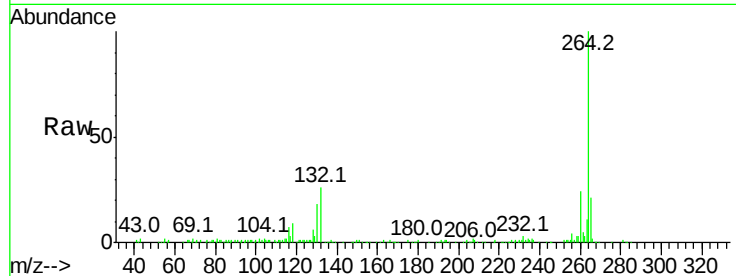
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BF095583.D
Acq: 1 Jun 2017 1:29

Instrument :
BNA_F
ClientSampleId :
NM15-COMP-6-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.9	17.2	25.8

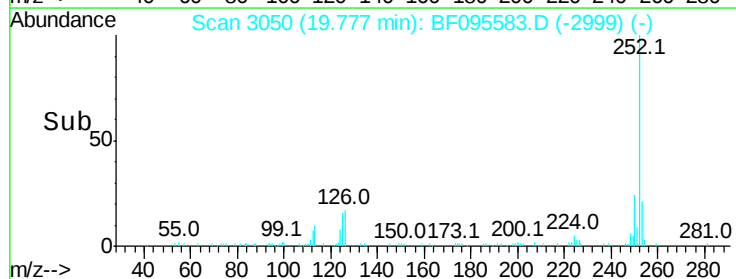
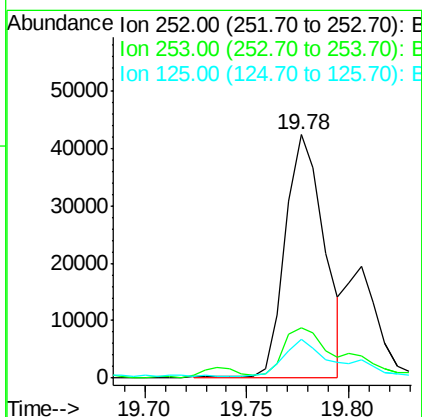
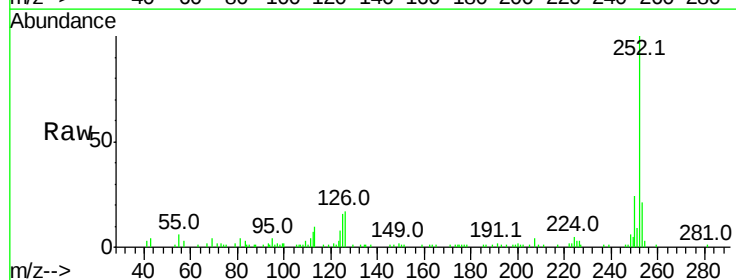
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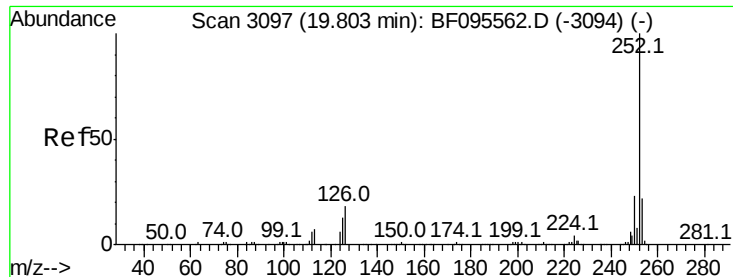
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#87
Benzo(b)fluoranthene
Concen: 6.84 ng m
RT: 19.78 min Scan# 3050
Delta R.T. 0.00 min
Lab File: BF095583.D
Acq: 1 Jun 2017 1:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	16.1	9.8	14.8#





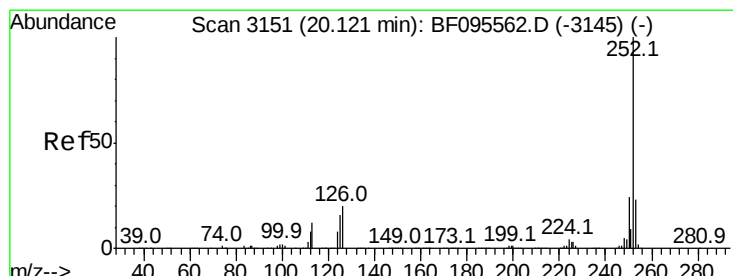
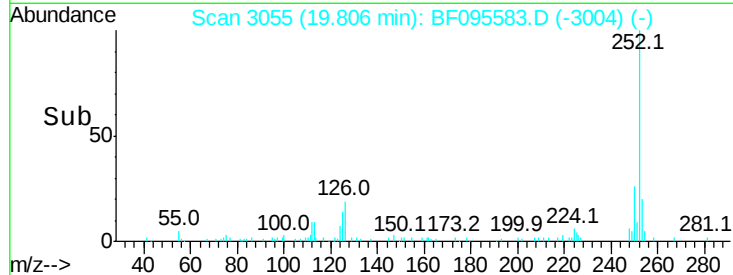
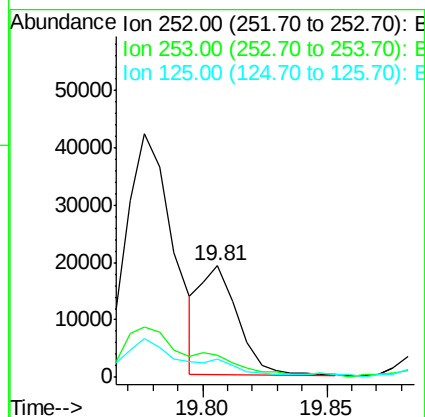
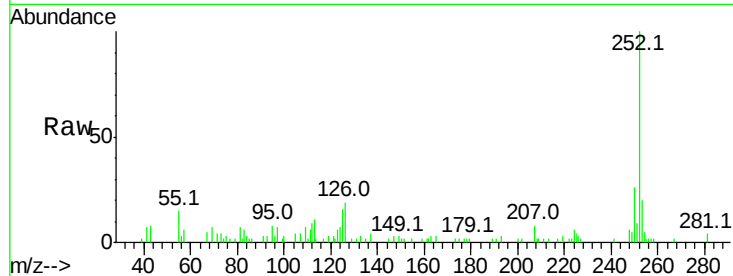
#88
Benzo(k)fluoranthene
Concen: 2.51 ng m
RT: 19.81 min Scan# 3055
Delta R.T. 0.00 min
Lab File: BF095583.D
Acq: 1 Jun 2017 1:29

Instrument :
BNA_F
ClientSampleId :
NM15-COMP-6-18

Tot Ion:	252	Resp:	19985
Ion Ratio	Lower	Upper	
252	100		
253	19.6	18.4	27.6
125	15.9	13.1	19.7

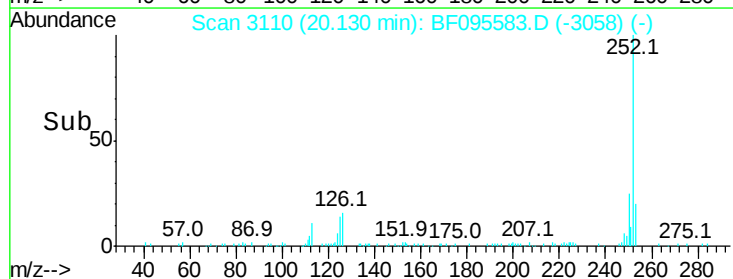
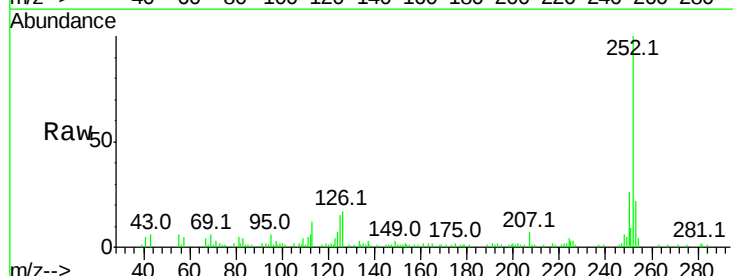
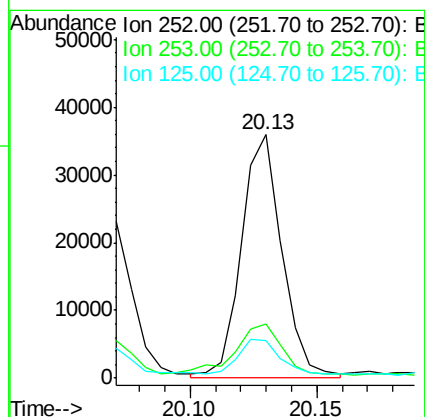
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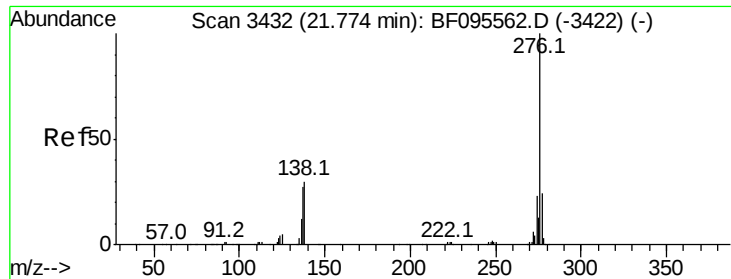
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#89
Benzo(a)pyrene
Concen: 5.27 ng
RT: 20.13 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BF095583.D
Acq: 1 Jun 2017 1:29

Tgt Ion:	252	Resp:	40184
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	15.2	11.0	16.4





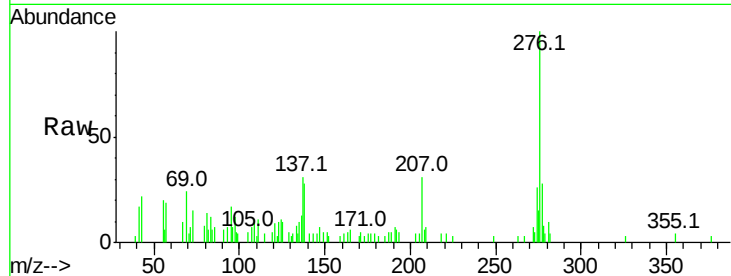
#91
 Benzo(a,h,i)perylene
 Concen: 3.33 ng
 RT: 21.80 min Scan# 3394
 Delta R.T. 0.03 min
 Lab File: BF095583.D
 Acq: 1 Jun 2017 1:29

Instrument :
 BNA_F
 ClientSampleId :
 NM15-COMP-6-18

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.6	28.0
138	27.8	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

