

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095581.D
 Acq On : 1 Jun 2017 00:25
 Operator : SJ/MA
 Sample : I3341-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM9-COMP-6-18

Manual Integrations
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Quant Time: Jun 01 10:24:24 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	103649	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	403915	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	182263	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	229323	20.00	ng	0.00
75) Chrysene-d12	18.51	240	168206	20.00	ng	0.00
86) Perylene-d12	20.18	264	131706m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	763659	122.84	ng	0.00
7) Phenol-d6	7.11	99	925602	124.09	ng	0.00
23) Nitrobenzene-d5	8.47	82	539651	84.25	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	156127	104.60	ng	0.00
44) 2-Fluorobiphenyl	11.36	172	960992	75.89	ng	0.00
78) Terphenyl-d14	17.16	244	475152	62.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.05	163	210976	14.10	ng	98
70) Phenanthrene	14.85	178	98947	7.51	ng	99
71) Anthracene	14.94	178	29485	2.19	ng	97
74) Fluoranthene	16.61	202	175885	13.01	ng	95
77) Pyrene	16.91	202	159913	12.71	ng	95
80) Benzo(a)anthracene	18.49	228	82598	8.44	ng	98
82) Chrysene	18.54	228	80053	8.46	ng	98
85) Indeno(1,2,3-cd)pyrene	21.44	276	37184	4.84	ng	95
87) Benzo(b)fluoranthene	19.78	252	92167m	11.33	ng	
88) Benzo(k)fluoranthene	19.80	252	29464m	3.75	ng	
89) Benzo(a)pyrene	20.12	252	63052	8.40	ng	# 92
91) Benzo(a,h,i)perylene	21.79	276	35355	5.81	ng	95

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

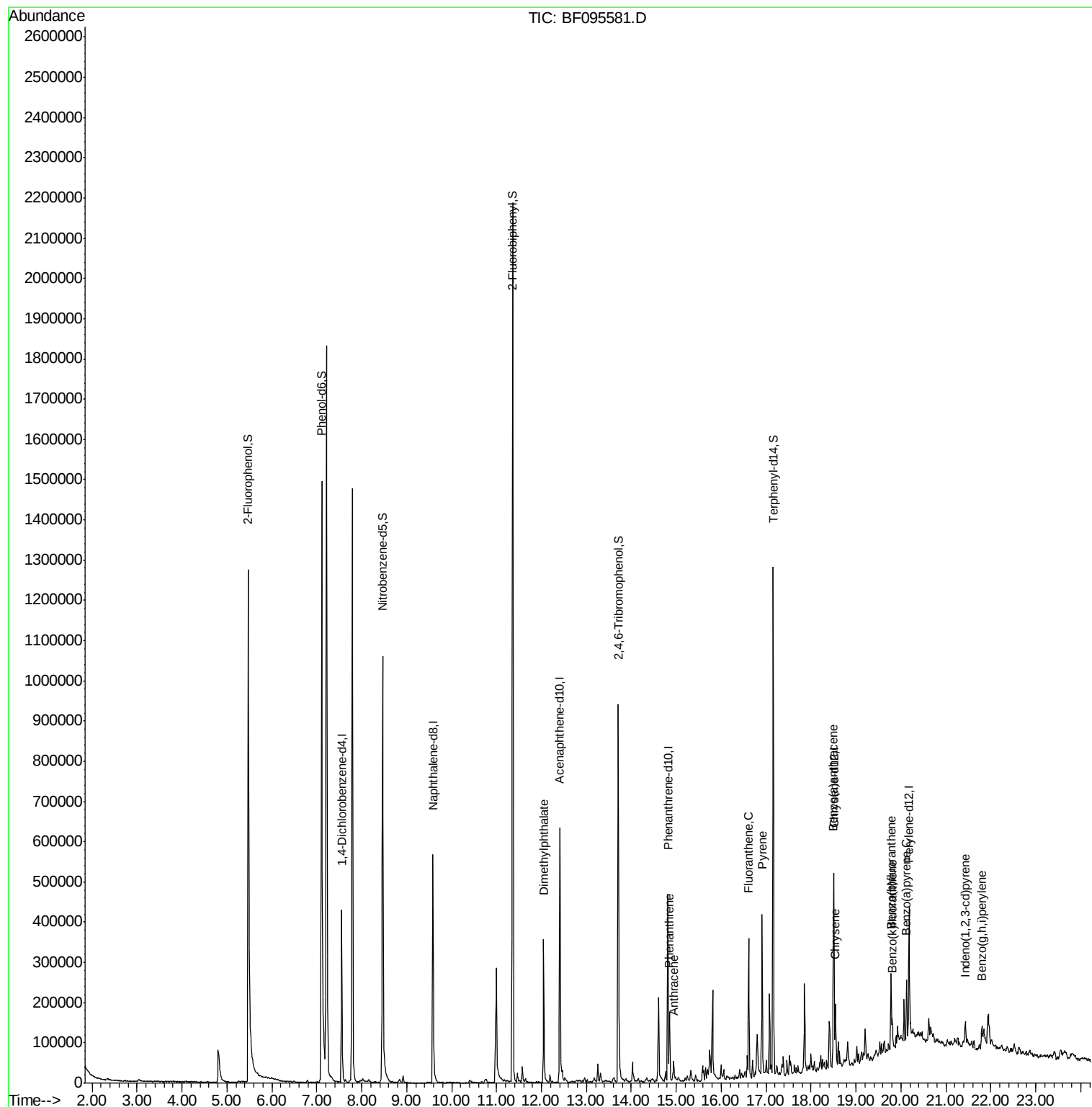
Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095581.D
Acq On : 1 Jun 2017 00:25
Operator : SJ/MA
Sample : I3341-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

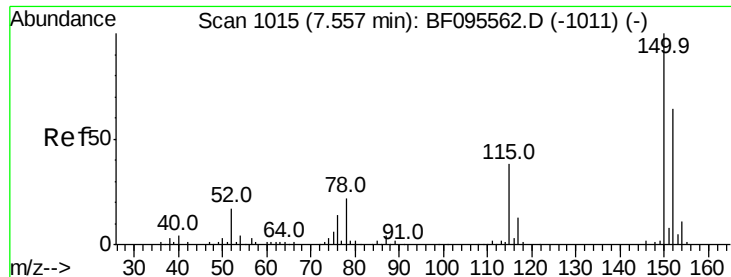
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jun 01 10:24:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 04:09:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF095581.D

Acq: 1 Jun 2017 00:25

Instrument :

BNA_F

ClientSampleId :

NM9-COMP-6-18

Tot Ion:152 Resp: 103649

Ion Ratio Lower Upper

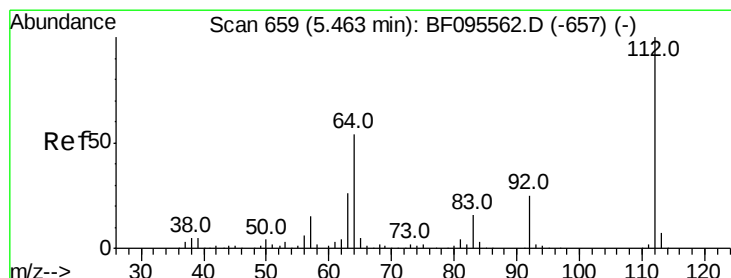
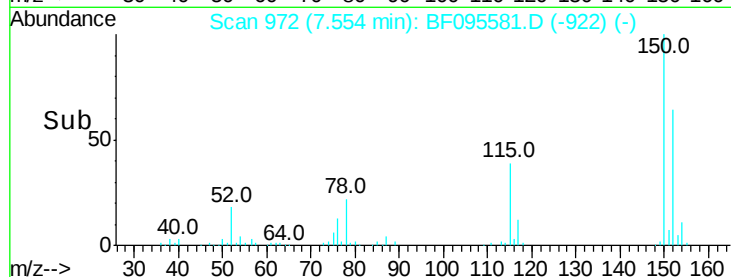
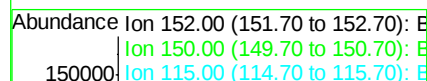
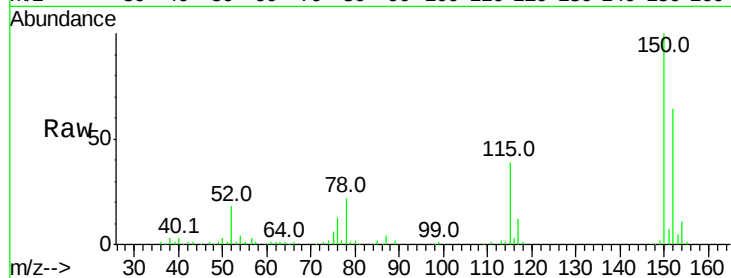
152 100

150 155.2 126.2 189.2

115 60.1 52.2 78.2

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#5

2-Fluorophenol

Concen: 122.84 ng

RT: 5.47 min Scan# 618

Delta R.T. 0.01 min

Lab File: BF095581.D

Acq: 1 Jun 2017 00:25

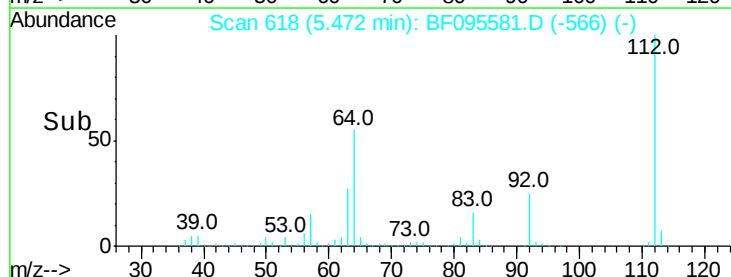
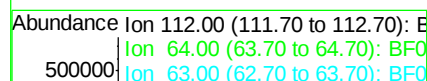
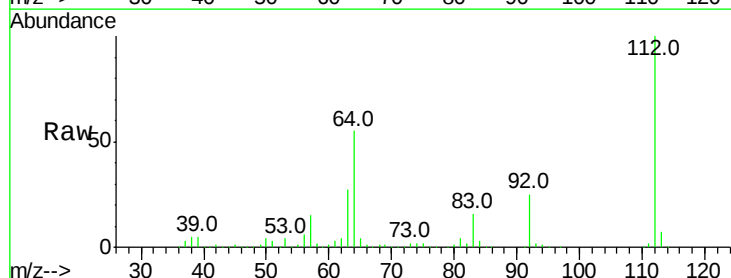
Tgt Ion:112 Resp: 763659

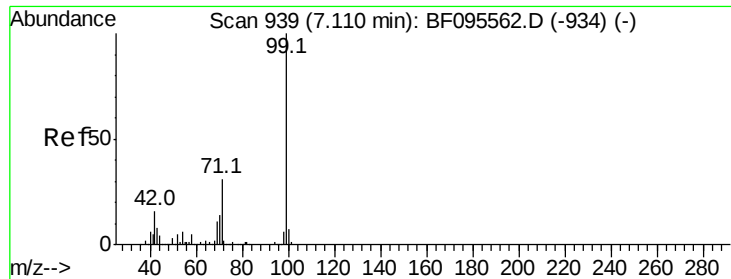
Ion Ratio Lower Upper

112 100

64 55.0 46.0 69.0

63 26.6 23.4 35.0





#7

Phenol-d6

Concen: 124.09 ng

RT: 7.11 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF095581.D

Acq: 1 Jun 2017 00:25

Instrument :

BNA_F

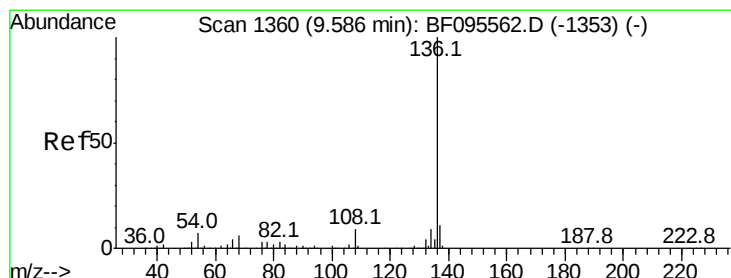
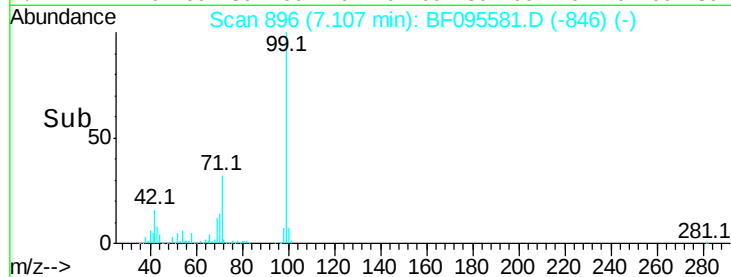
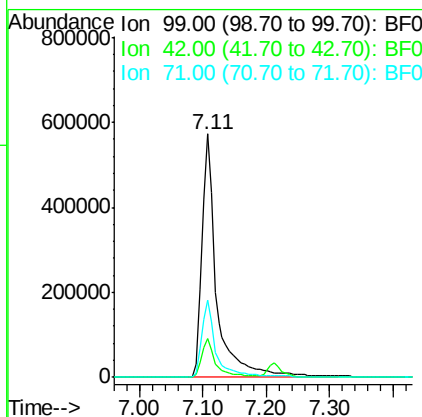
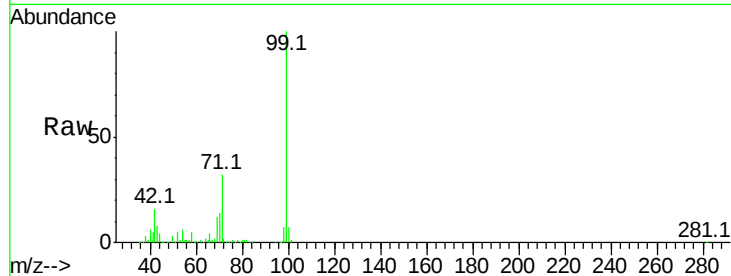
ClientSampleId :

NM9-COMP-6-18

Tot Ion	99	Resp	925602
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	31.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

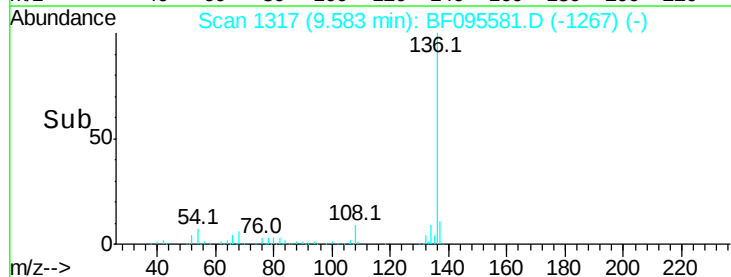
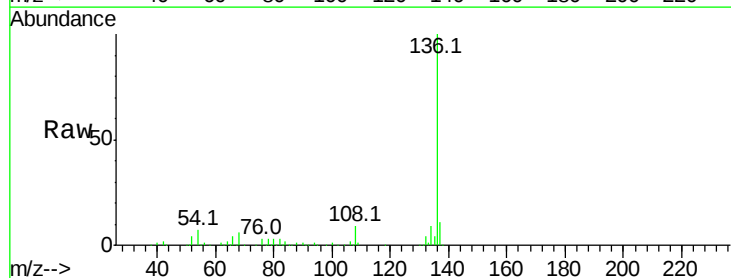
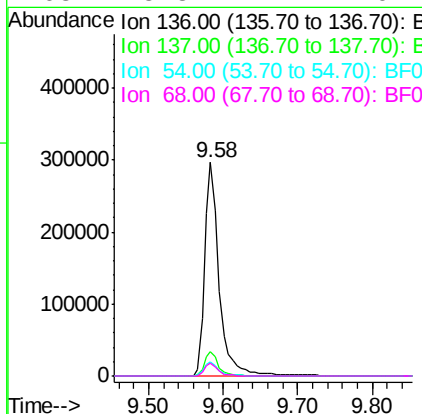
RT: 9.58 min Scan# 1317

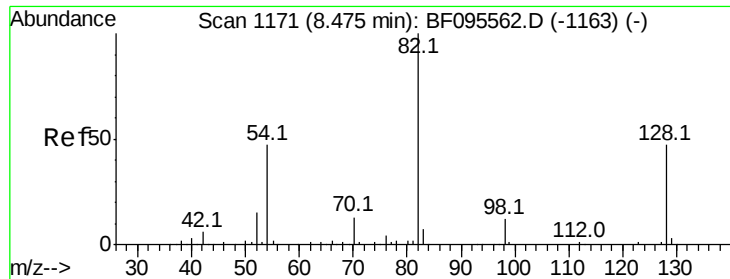
Delta R.T. -0.00 min

Lab File: BF095581.D

Acq: 1 Jun 2017 00:25

Tgt Ion	136	Resp	403915
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	6.8	4.9	7.3
68	5.8	4.1	6.1





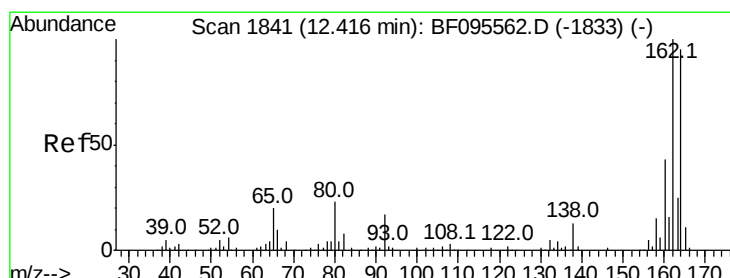
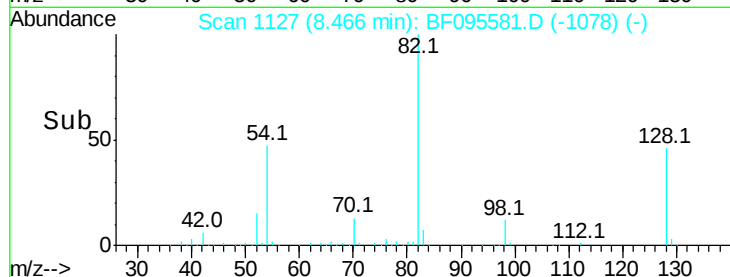
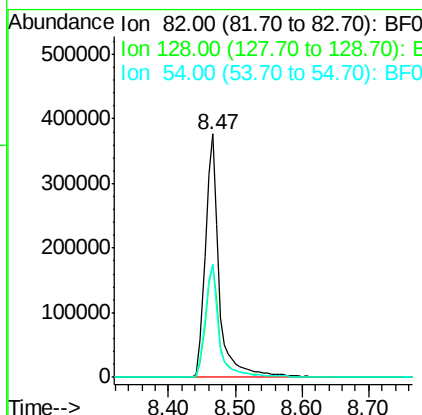
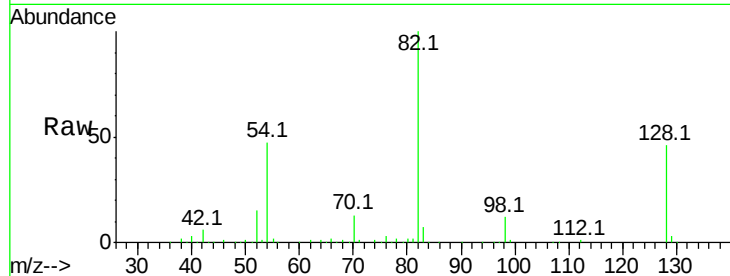
#23
Nitrobenzene-d5
Concen: 84.25 ng
RT: 8.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-6-18

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	46.6	42.2	63.2

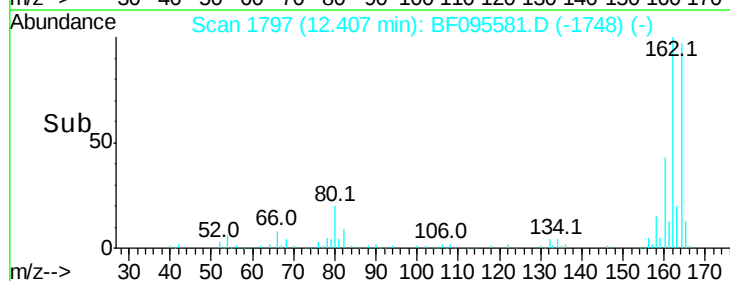
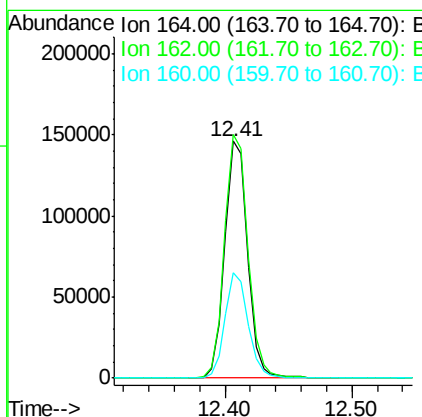
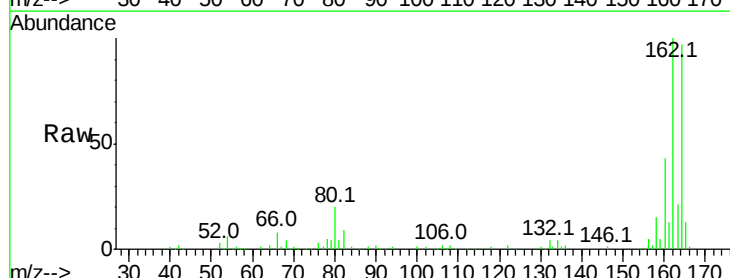
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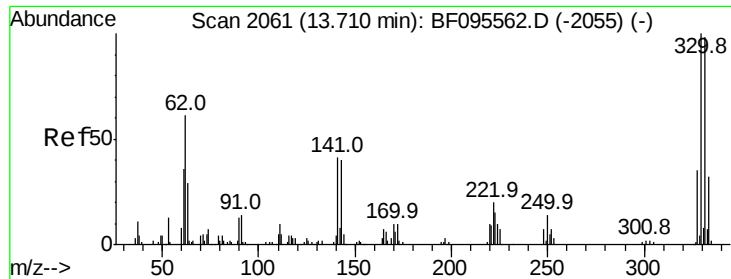
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	44.4	36.2	54.2





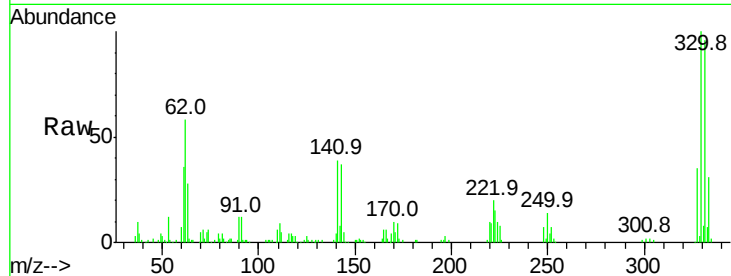
#41
 2,4,6-Tribromophenol
 Concen: 104.60 ng
 RT: 13.71 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF095581.D
 Acq: 1 Jun 2017 00:25

Instrument :
 BNA_F
 ClientSampleId :
 NM9-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
330	100	156127		
332	95.9	76.6	115.0	
141	39.5	31.4	47.2	

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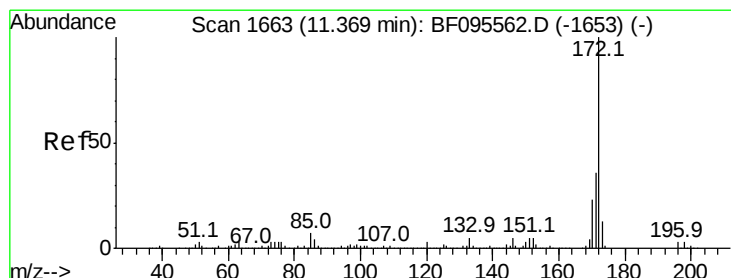
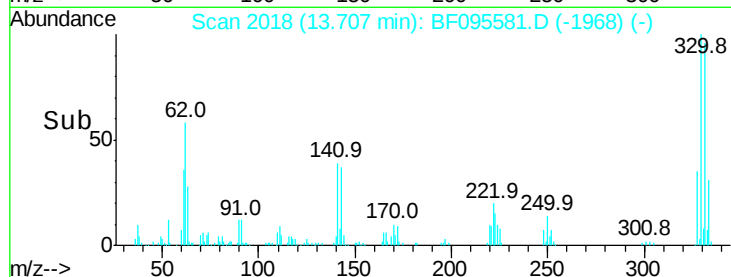
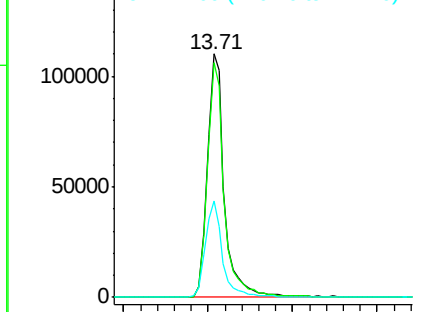


Abundance

Ion 329.80 (329.50 to 330.50): E

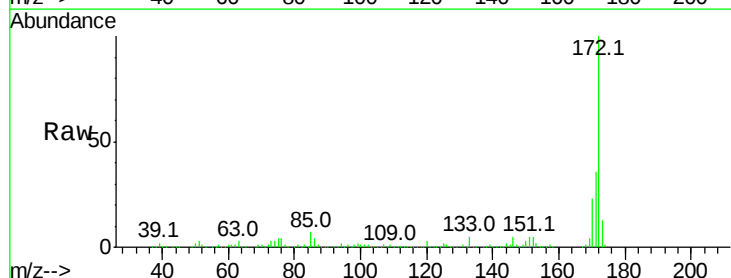
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.89 ng
 RT: 11.36 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF095581.D
 Acq: 1 Jun 2017 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	960992		
171	35.8	29.6	44.4	
170	23.4	19.8	29.8	

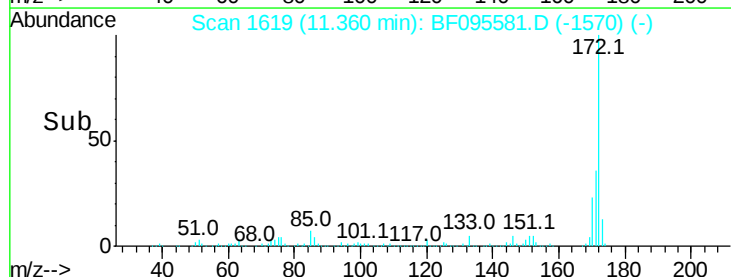
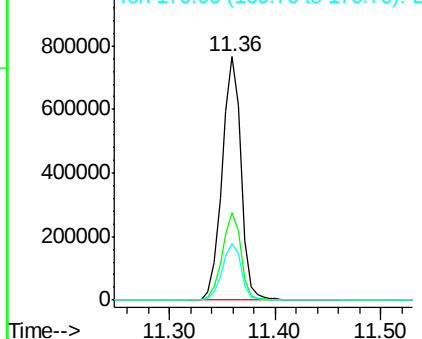


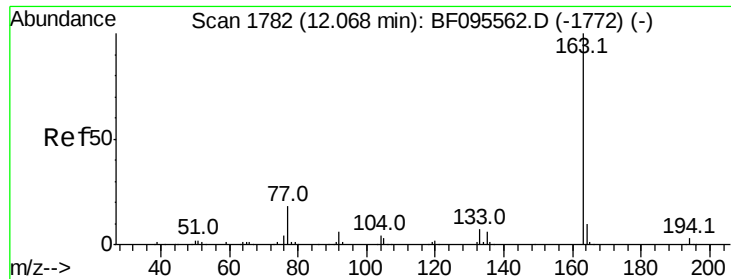
Abundance

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





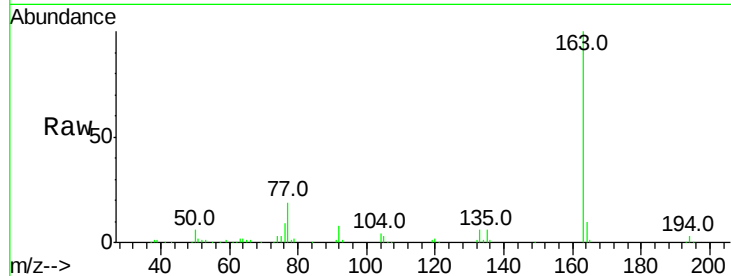
#49
Dimethylphthalate
Concen: 14.10 ng
RT: 12.05 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-6-18

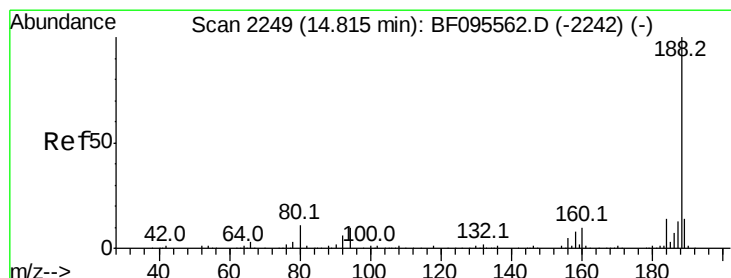
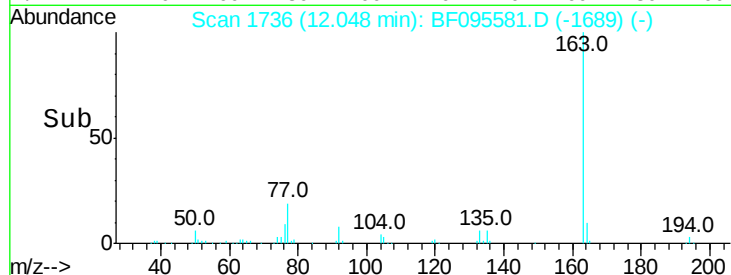
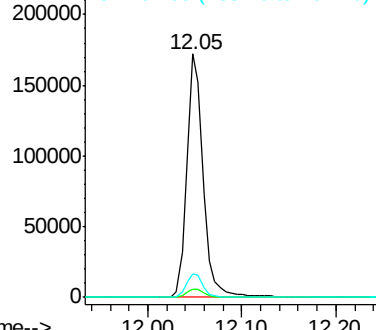
Tot Ion	Ratio	Resp	Lower	Upper
163	100	210976		
194	3.5		2.6	4.0
164	9.6		8.4	12.6

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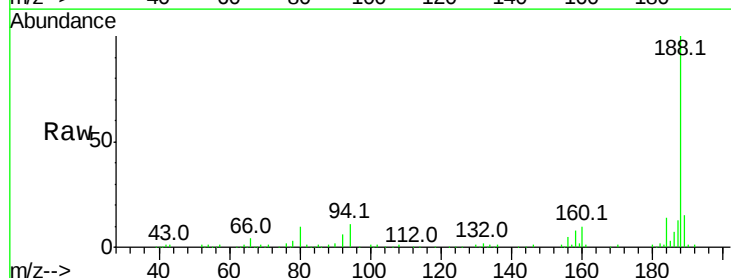


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

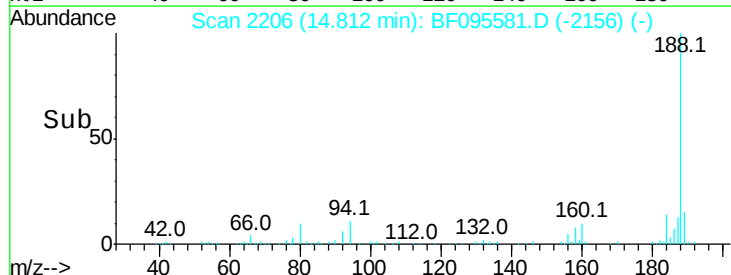
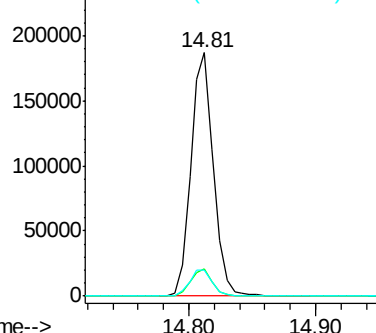


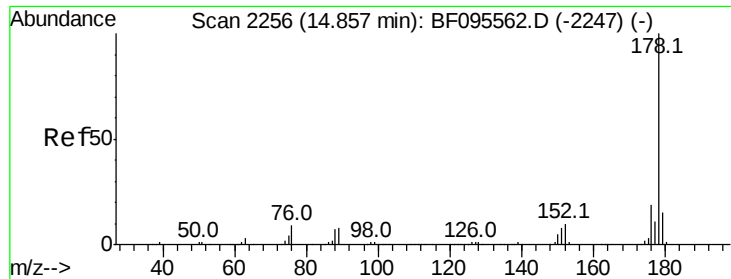
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	229323		
94	11.2		9.4	14.2
80	10.4		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





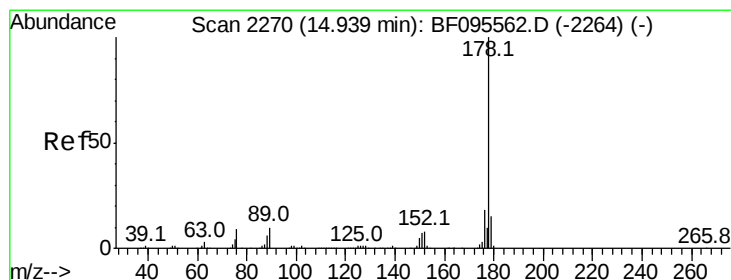
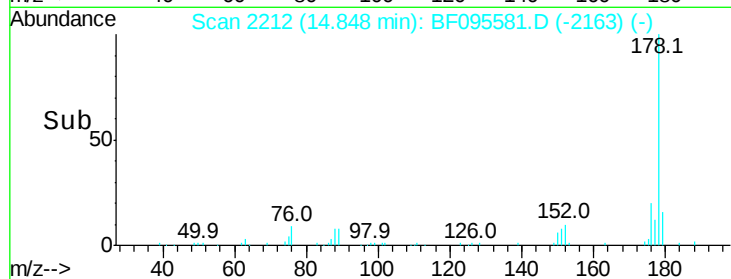
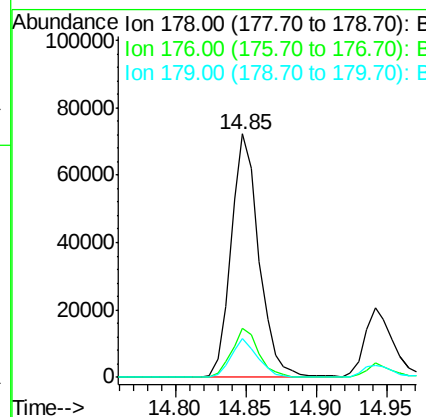
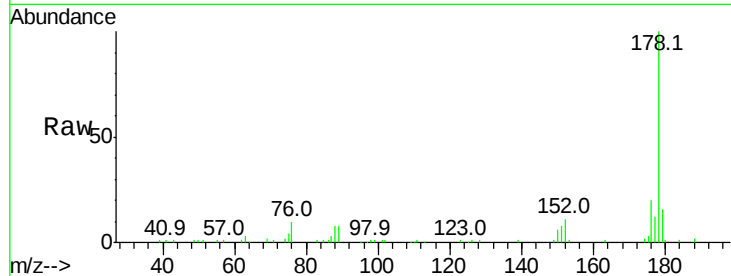
#70
Phenanthrene
Concen: 7.51 ng
RT: 14.85 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-6-18

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.1	12.6	19.0

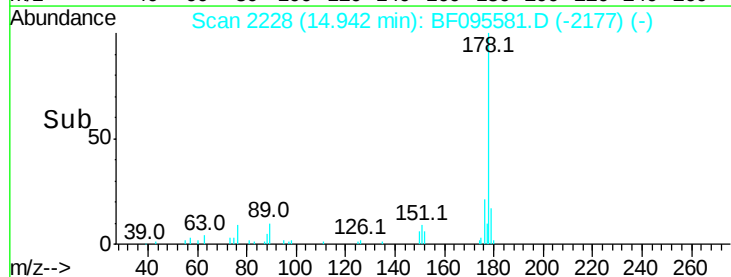
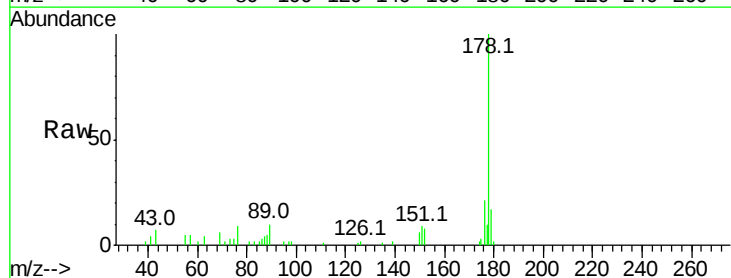
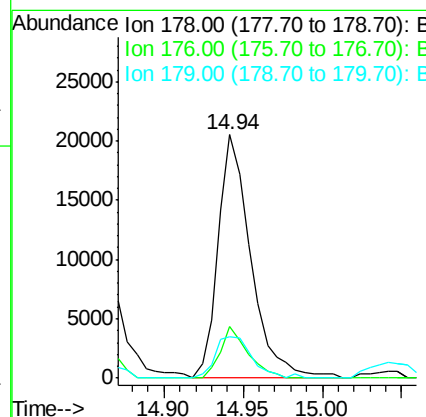
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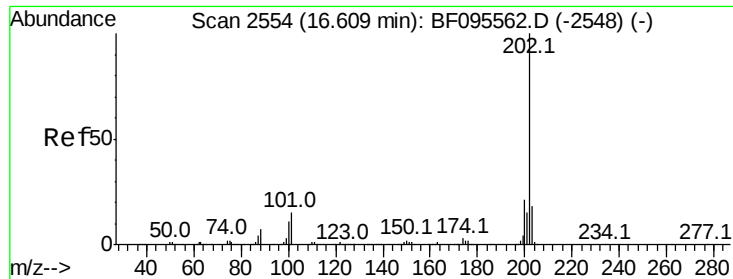
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#71
Anthracene
Concen: 2.19 ng
RT: 14.94 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.8	23.8
179	17.1	12.7	19.1





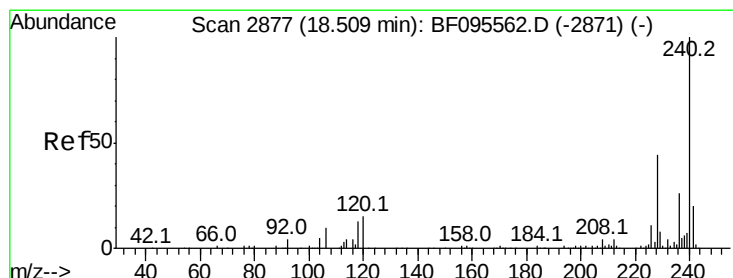
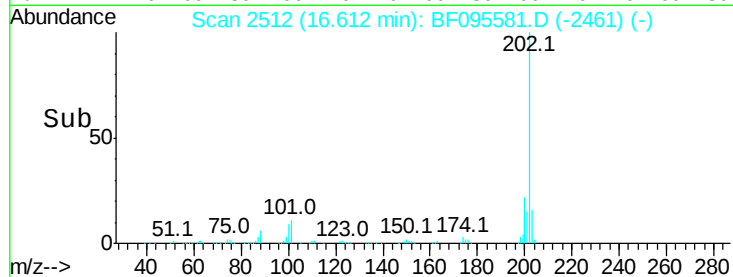
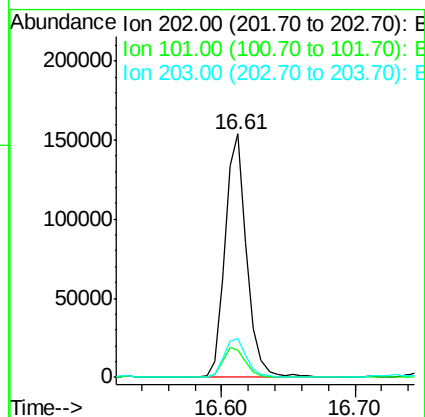
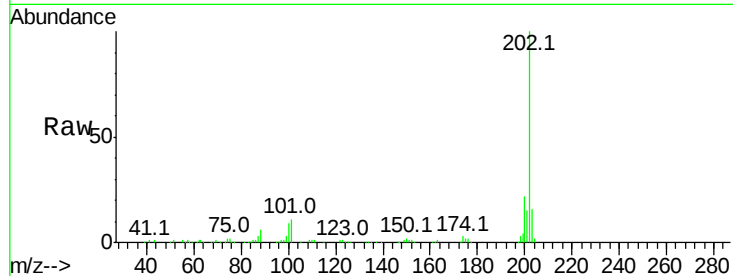
#74
Fluoranthene
Concen: 13.01 ng
RT: 16.61 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-6-18

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	33.2
203	16.0	0.0	38.1

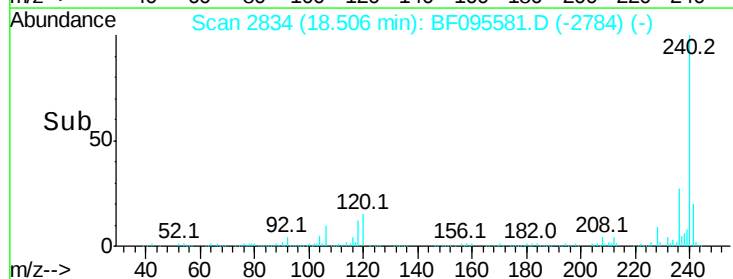
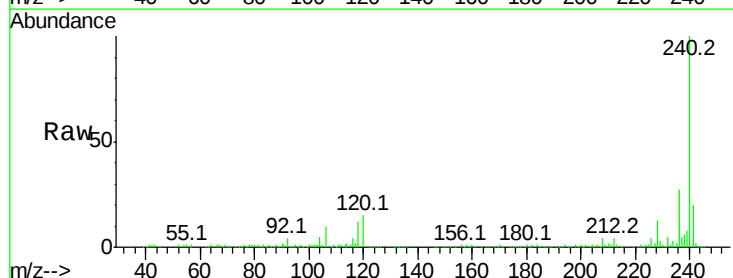
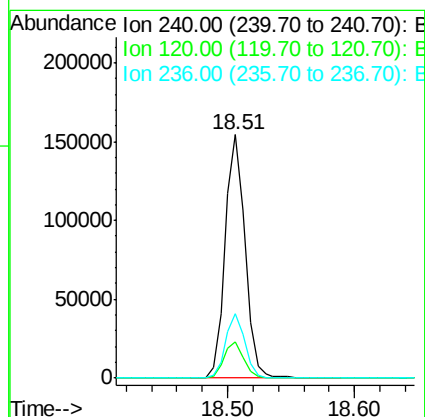
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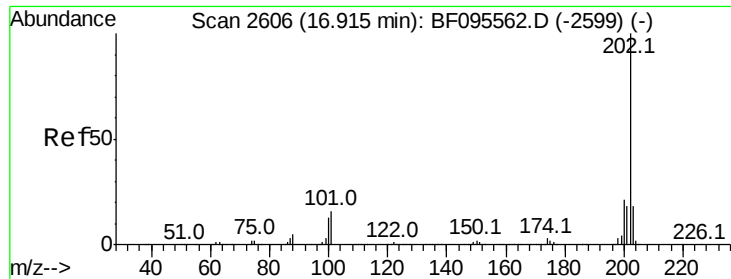
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.51 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	26.6	20.5	30.7





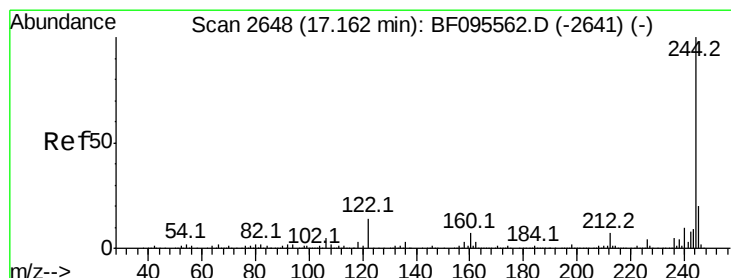
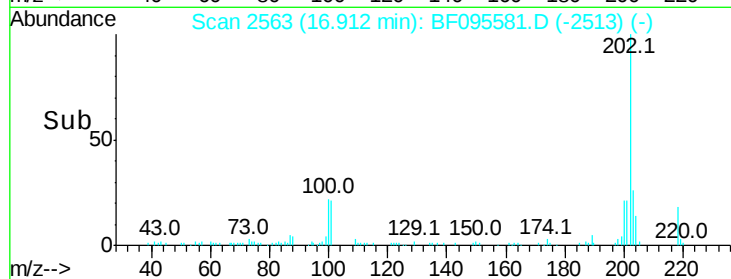
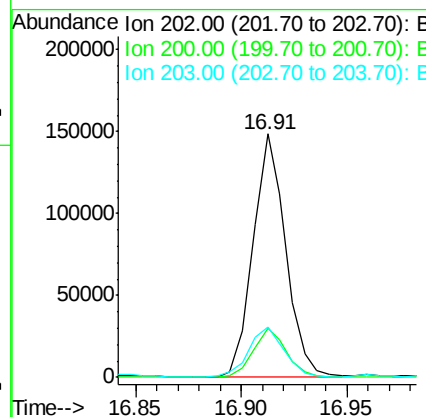
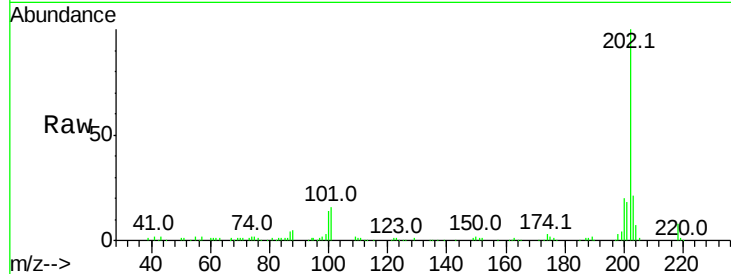
#77
Pvrene
Concen: 12.71 ng
RT: 16.91 min Scan# 2563
Delta R.T. -0.00 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-6-18

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.2	17.6	26.4
203	20.5	14.4	21.6

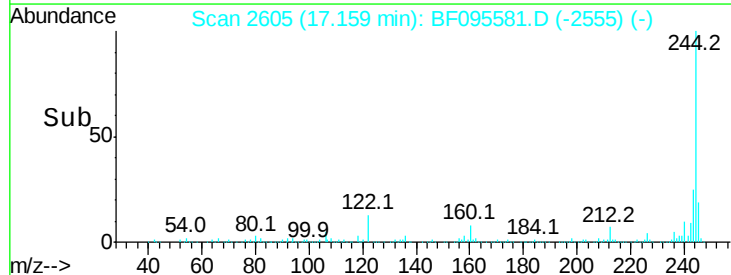
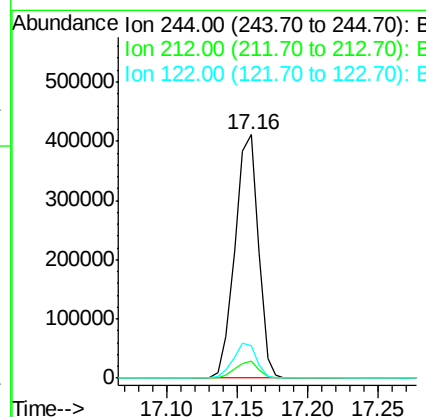
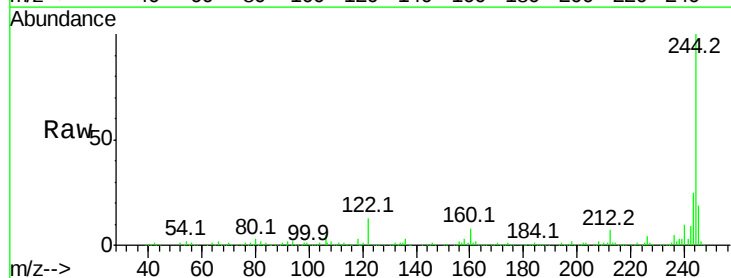
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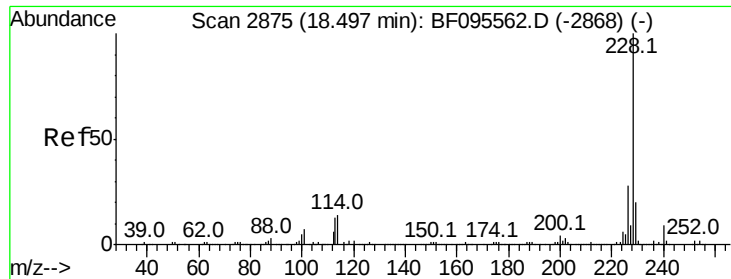
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#78
Terphenyl-d14
Concen: 62.22 ng
RT: 17.16 min Scan# 2605
Delta R.T. -0.00 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.5	10.3	15.5





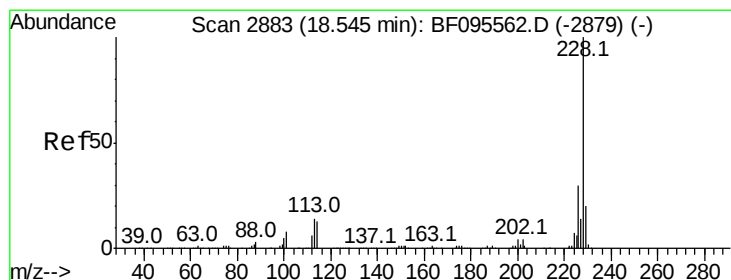
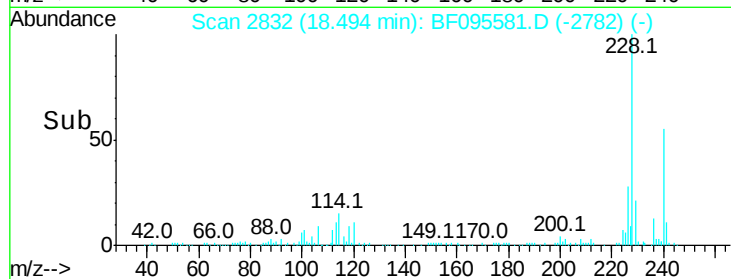
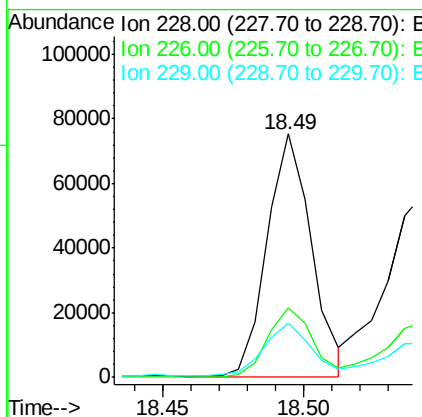
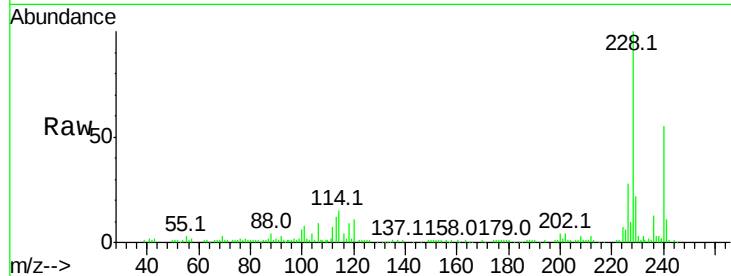
#80
Benzo(a)anthracene
Concen: 8.44 ng
RT: 18.49 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-6-18

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	22.5	16.3	24.5

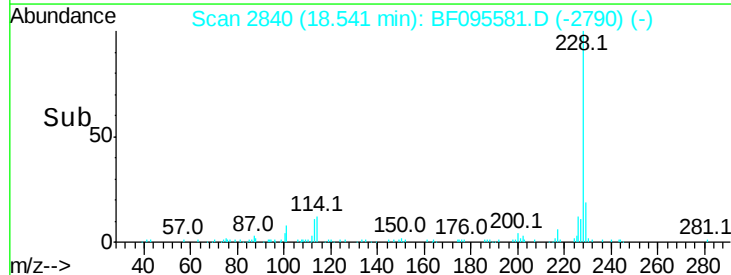
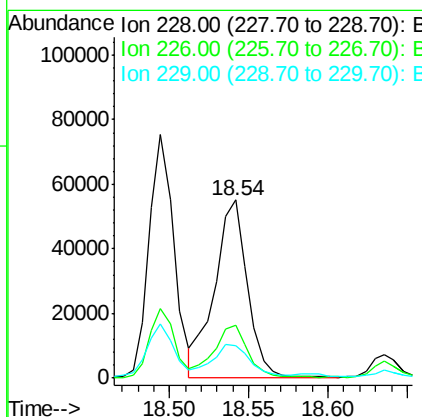
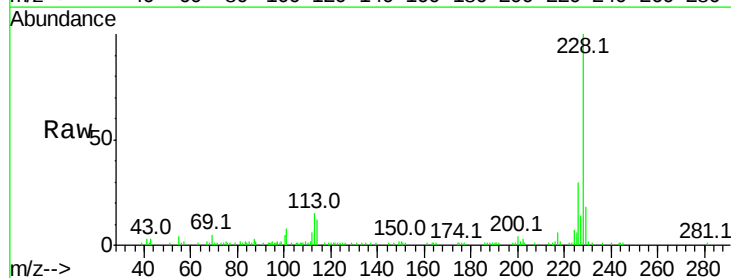
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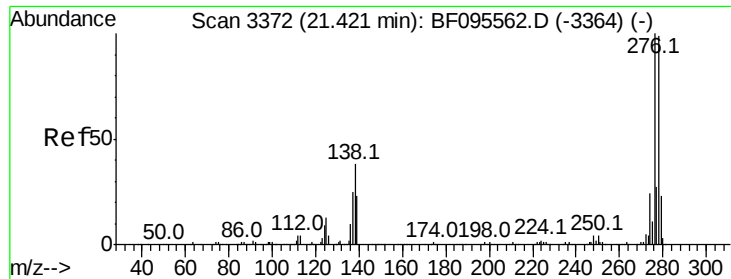
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#82
Chrysene
Concen: 8.46 ng
RT: 18.54 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	18.4	15.8	23.6





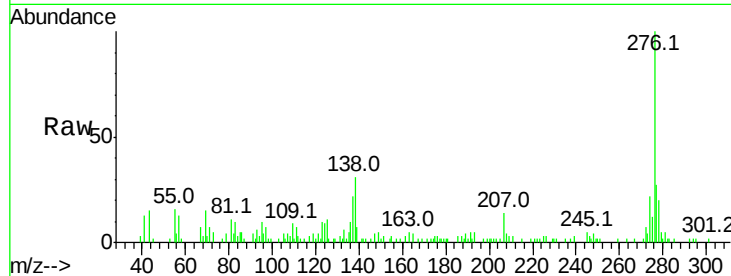
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.84 ng
RT: 21.44 min Scan# 3332
Delta R.T. 0.01 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Instrument :
BNA_F
ClientSampleId :
NM9-COMP-6-18

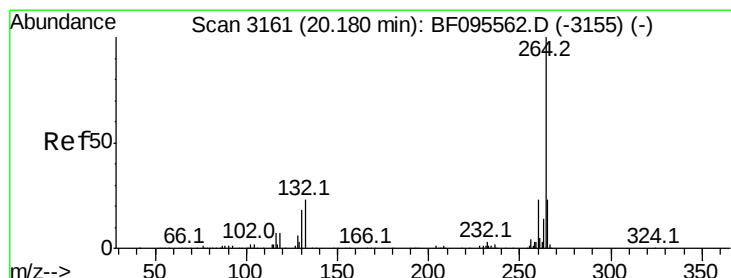
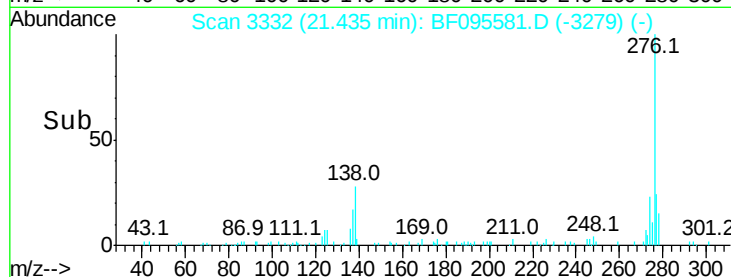
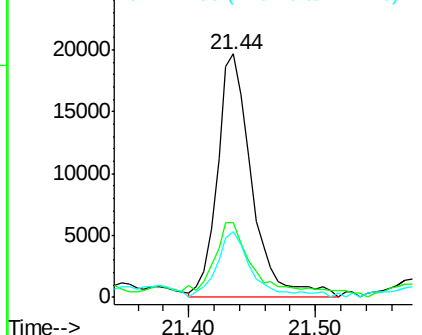
Tot Ion	Ratio	Lower	Upper
276	100		
138	38.7	27.8	41.6
277	26.2	20.2	30.4

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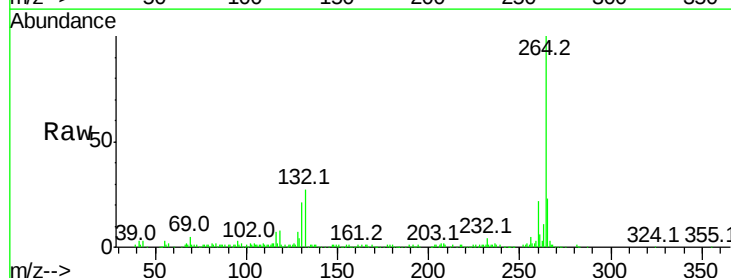


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

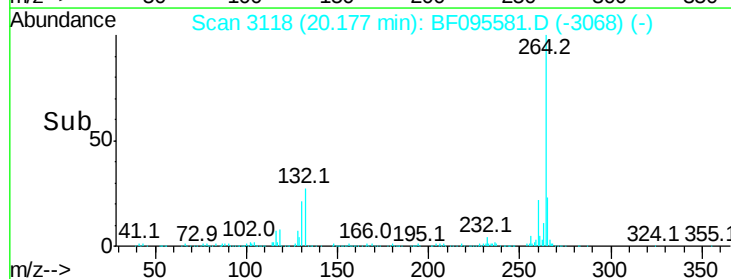
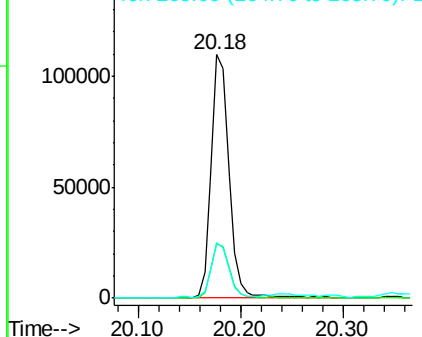


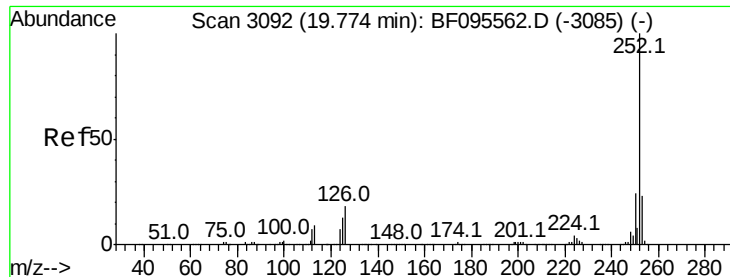
#86
Perylene-d12
Concen: 20.00 ng m
RT: 20.18 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BF095581.D
Acq: 1 Jun 2017 00:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	22.9	17.2	25.8



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: 11.33 ng m

RT: 19.78 min Scan# 3050

Delta R.T. 0.00 min

Lab File: BF095581.D

Acq: 1 Jun 2017 00:25

Instrument :

BNA_F

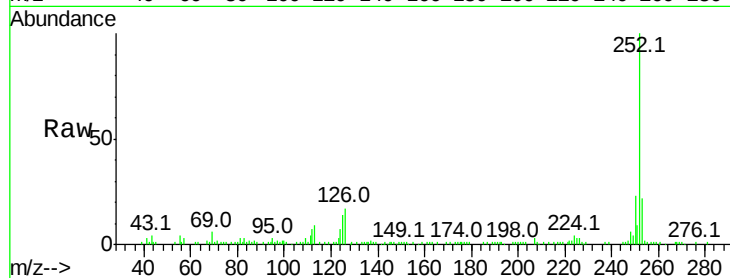
ClientSampleId :

NM9-COMP-6-18

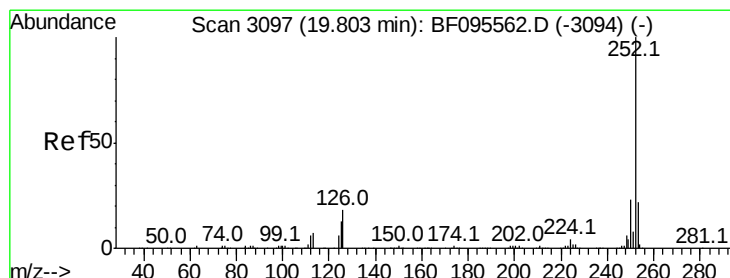
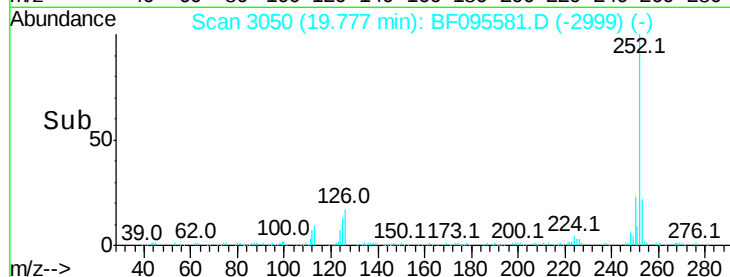
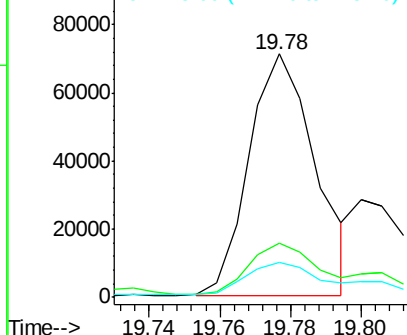
Tot Ion:	252	Resp:	92167
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	14.5	9.8	14.8

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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



#88

Benzo(k)fluoranthene

Concen: 3.75 ng m

RT: 19.80 min Scan# 3054

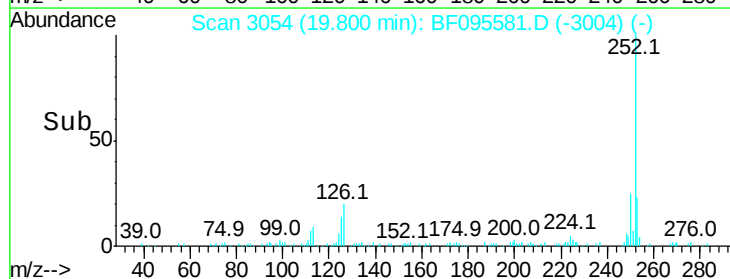
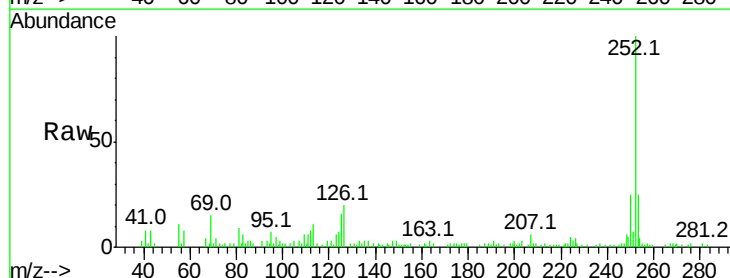
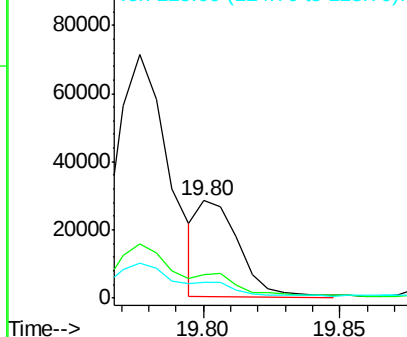
Delta R.T. -0.00 min

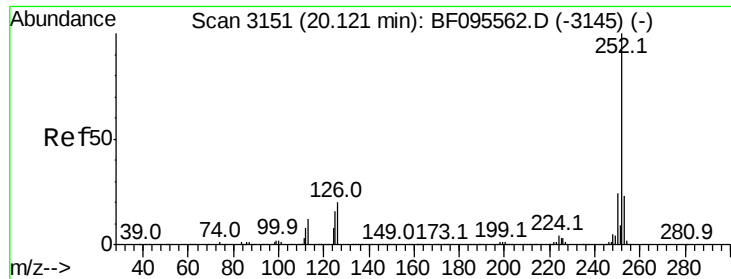
Lab File: BF095581.D

Acq: 1 Jun 2017 00:25

Tgt Ion:	252	Resp:	29464
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.4	27.6
125	15.7	13.1	19.7

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: 8.40 ng

RT: 20.12 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BF095581.D

Acq: 1 Jun 2017 00:25

Instrument :

BNA_F

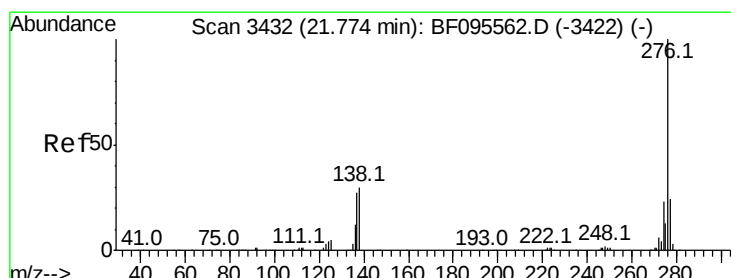
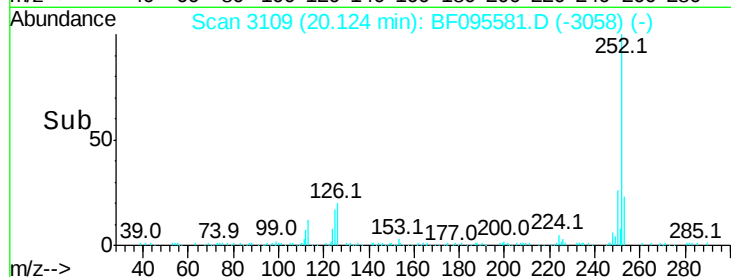
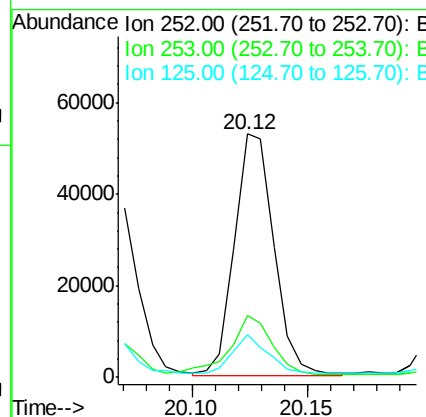
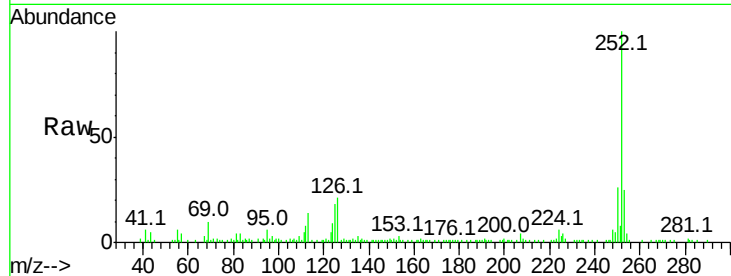
ClientSampleId :

NM9-COMP-6-18

Tot Ion:	252	Resp:	63052
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.5	26.3
125	17.7	11.0	16.4#

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#91

Benzo(g,h,i)perylene

Concen: 5.81 ng

RT: 21.79 min Scan# 3393

Delta R.T. 0.02 min

Lab File: BF095581.D

Acq: 1 Jun 2017 00:25

Tgt Ion:	276	Resp:	35355
Ion Ratio	Lower	Upper	
276	100		
277	25.9	18.6	28.0
138	34.4	25.4	38.0

