

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111165.D
 Acq On : 7 Dec 2018 3:38
 Operator : JU/SJ
 Sample : J6199-01 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-120518-A

Manual Integrations
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mohammad
 12/10/2018 12:19:27 PM

Quant Time: Dec 07 14:11:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	519573	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1903756	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	742963	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1141582	20.00	ng	0.00
76) Chrysene-d12	13.96	240	845521	20.00	ng	0.01
87) Perylene-d12	15.40	264	608255	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1462452	43.92	ng	0.00
7) Phenol-d6	6.43	99	1808929	42.17	ng	0.00
23) Nitrobenzene-d5	7.36	82	1058235	32.91	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	251297	42.55	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1572708	29.86	ng	0.00
79) Terphenyl-d14	12.91	244	1175007	28.46	ng	0.00
Target Compounds						
10) Phenol	6.44	94	115956	2.479	ng	97
50) Dimethylphthalate	9.56	163	134437	2.600	ng	# 95
71) Phenanthrene	11.35	178	168495	3.068	ng	95
75) Fluoranthene	12.53	202	287852	5.357	ng	98
78) Pyrene	12.76	202	306409	4.652	ng	97
81) Benzo(a)anthracene	13.95	228	122049	2.464	ng	94
83) Chrysene	13.99	228	126359	2.569	ng	94
88) Benzo(b)fluoranthene	14.99	252	115558m	3.353	ng	
90) Benzo(a)pyrene	15.34	252	81372	2.574	ng	# 69

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

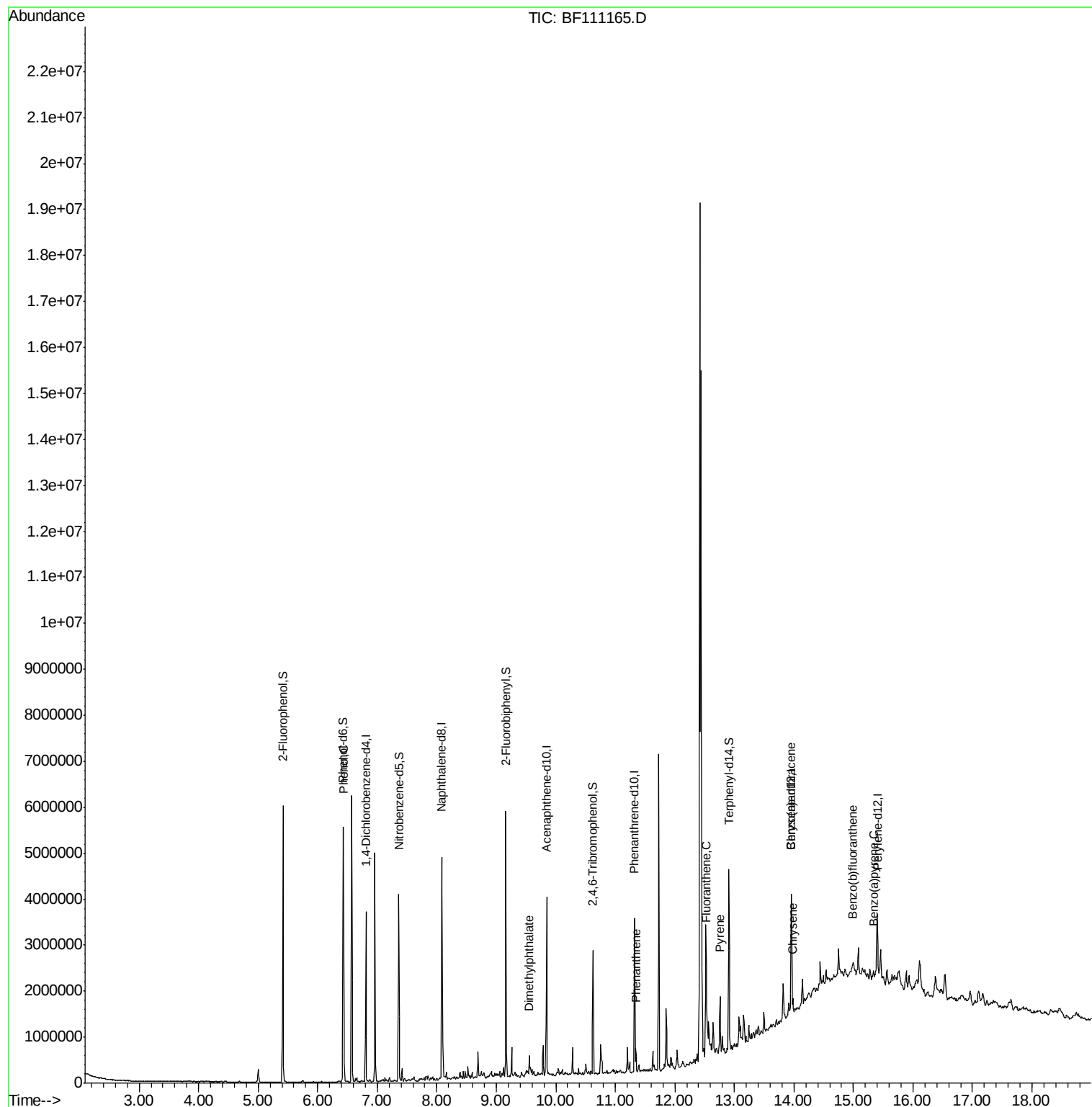
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111165.D
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Operator : JU/SJ
Sample : J6199-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

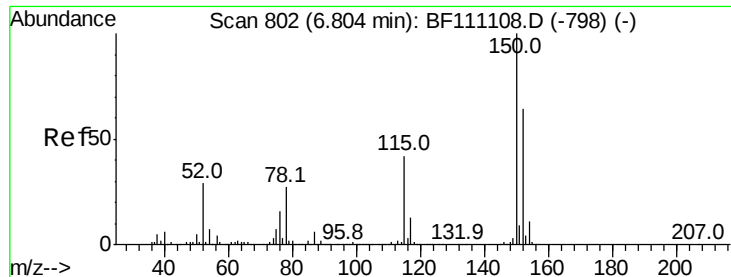
Instrument :
BNA_F
ClientSampleId :
SU-01-120518-A

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#1

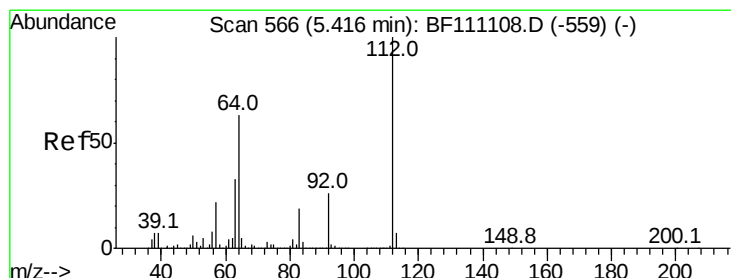
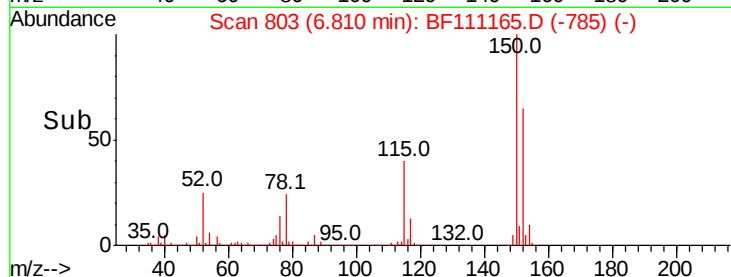
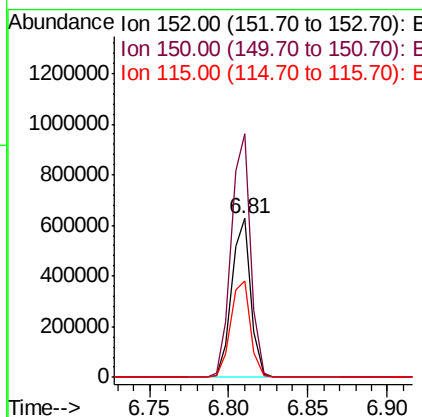
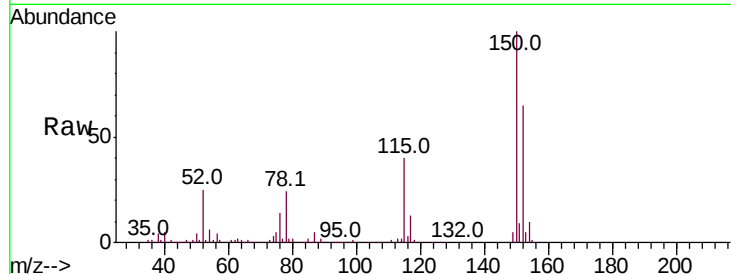
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111165.D
Acq: 7 Dec 2018 3:38

Instrument :
BNA_F
ClientSampleId :
SU-01-120518-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	187.0
115	61.0	52.2	78.2

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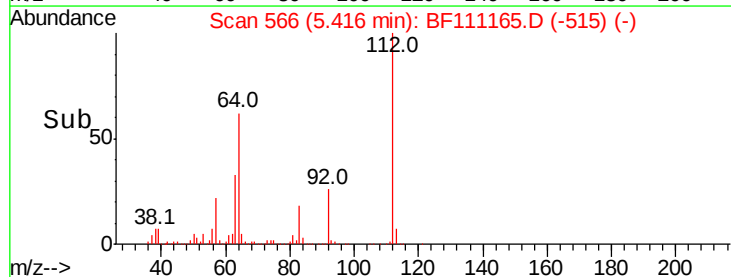
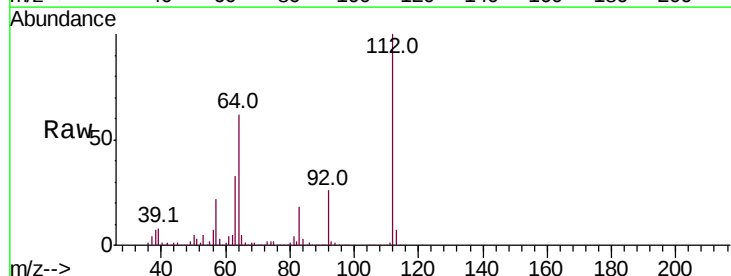
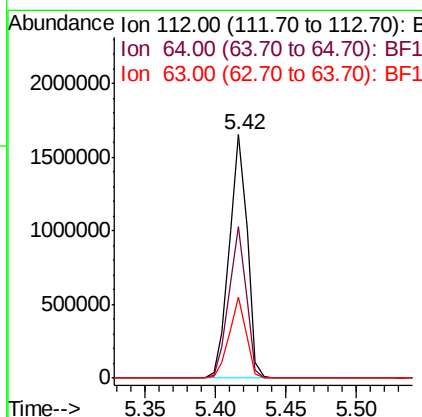
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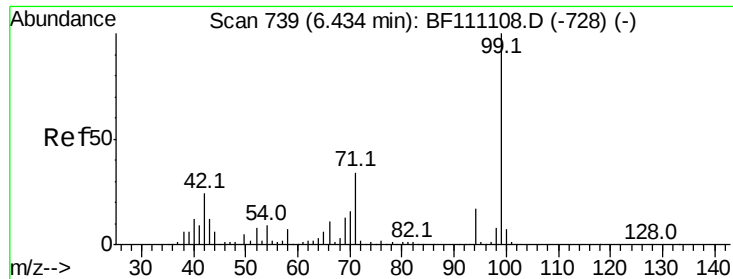


#5

2-Fluorophenol
Concen: 43.922 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111165.D
Acq: 7 Dec 2018 3:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.2	75.4
63	33.1	26.6	39.8





#7

Phenol-d6

Concen: 42.175 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111165.D

Acq: 7 Dec 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SU-01-120518-A

Tot Ion: 99 Resp: 1808929

Ion Ratio Lower Upper

99 100

42 23.7 19.3 28.9

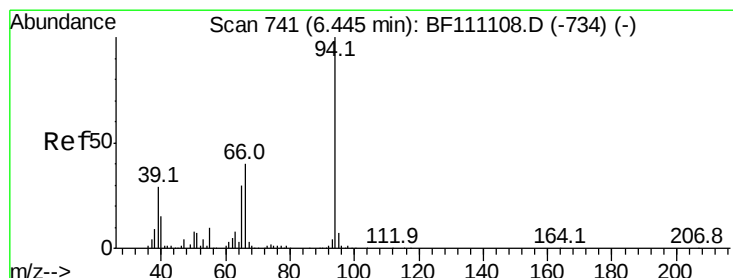
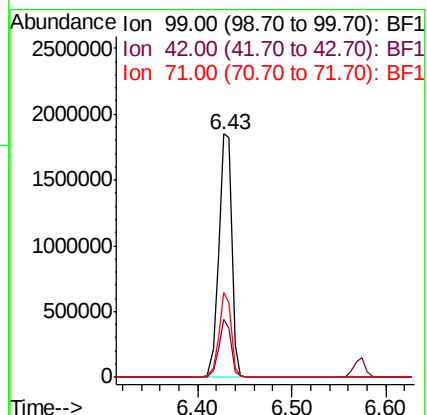
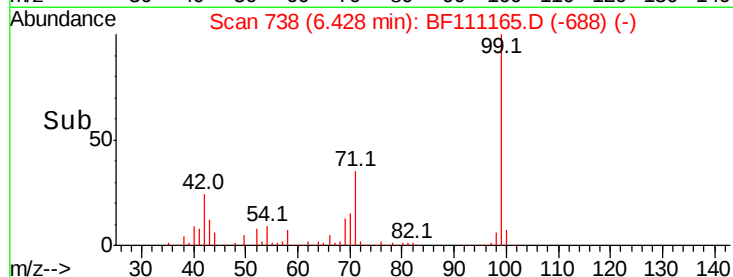
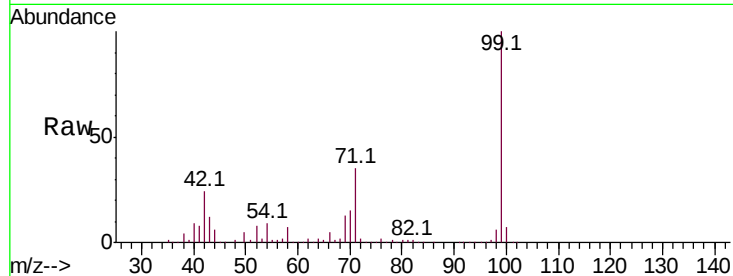
71 34.8 27.4 41.2

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#10

Phenol

Concen: 2.479 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111165.D

Acq: 7 Dec 2018 3:38

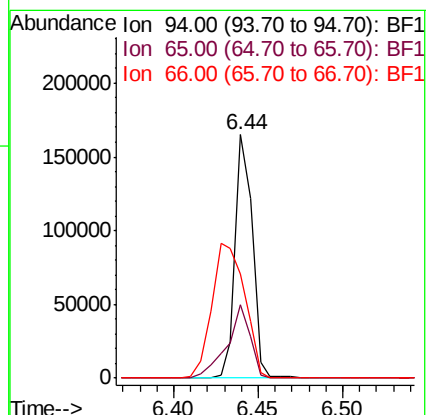
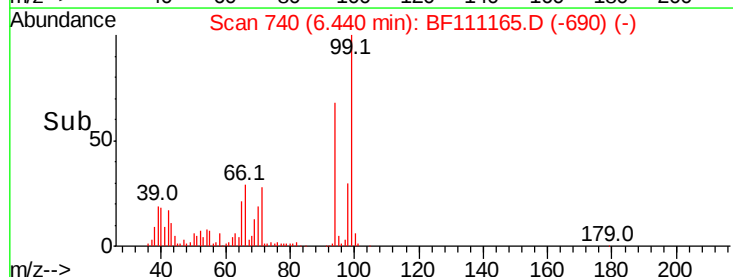
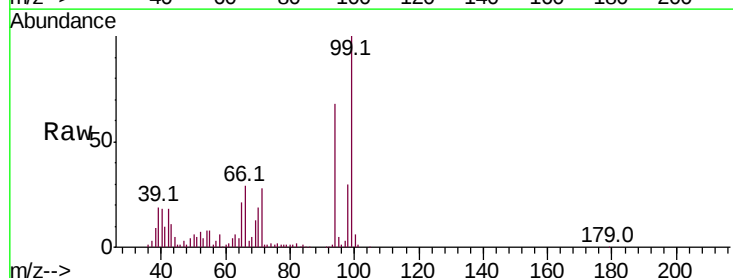
Tgt Ion: 94 Resp: 115956

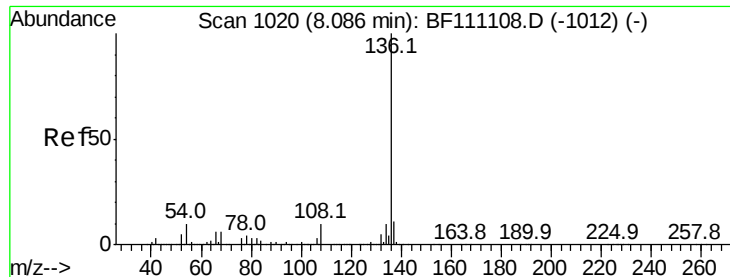
Ion Ratio Lower Upper

94 100

65 30.3 10.5 50.5

66 42.5 19.8 59.8





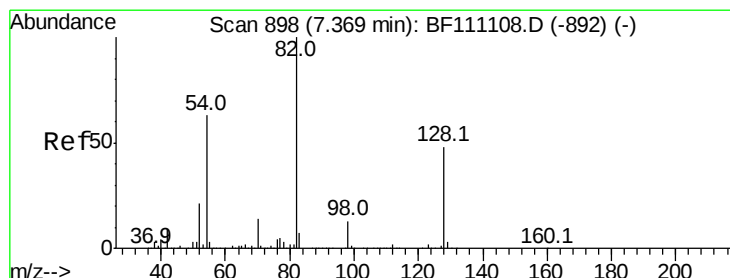
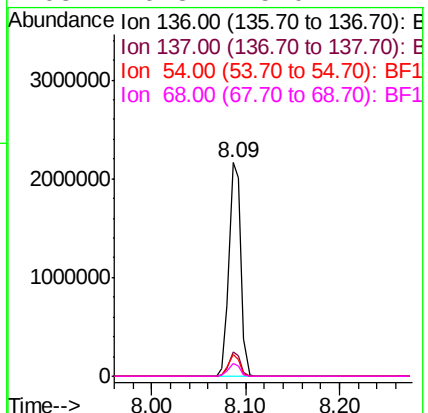
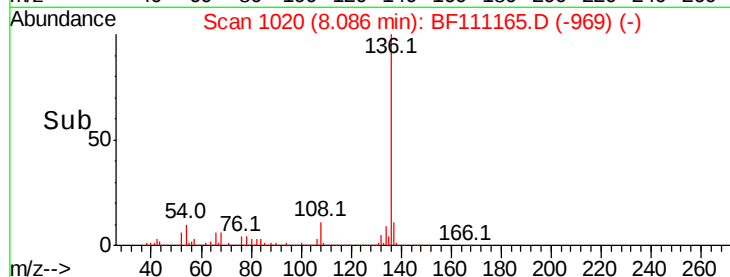
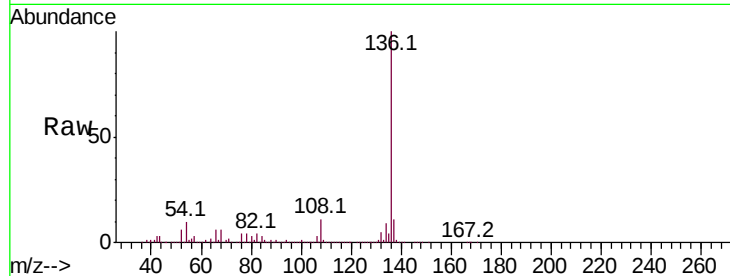
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111165.D
Acq: 7 Dec 2018 3:38

Instrument :
BNA_F
ClientSampleId :
SU-01-120518-A

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.2	8.4	12.6
68	6.3	5.0	7.4

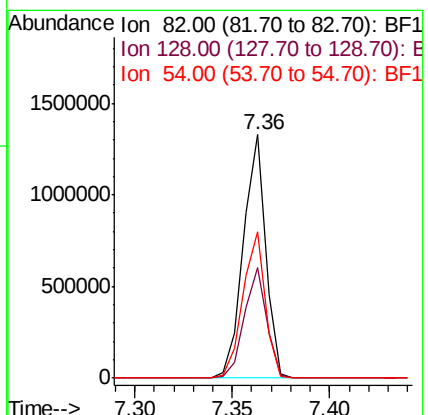
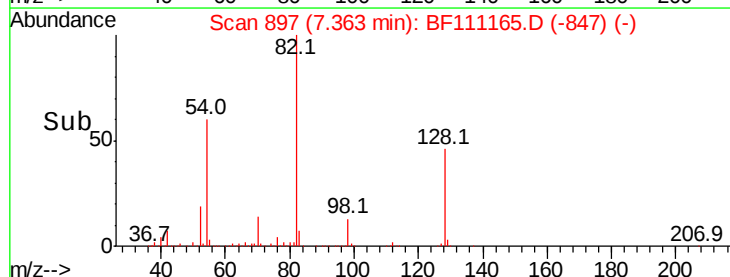
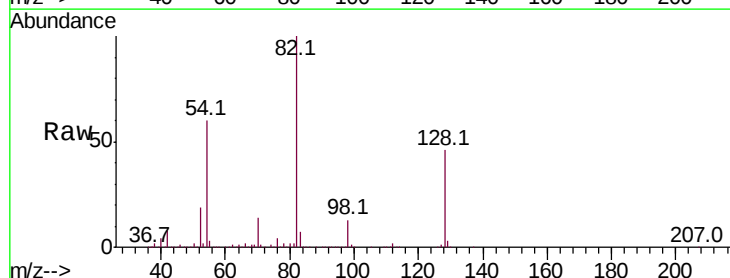
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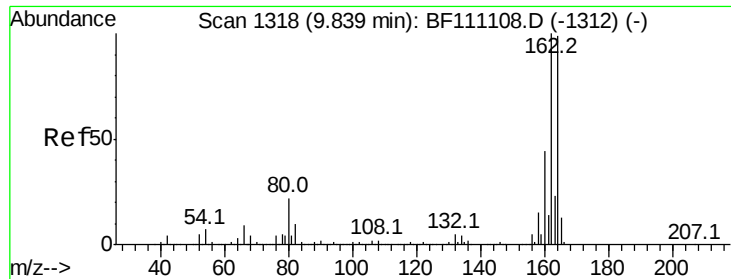
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#23
Nitrobenzene-d5
Concen: 32.909 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111165.D
Acq: 7 Dec 2018 3:38

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	38.1	57.1
54	59.9	50.3	75.5





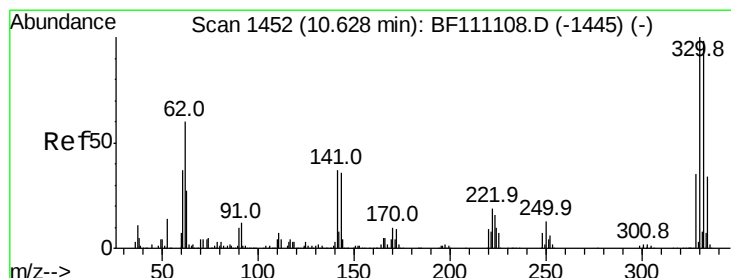
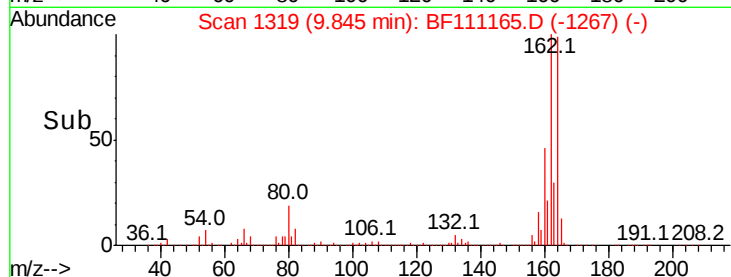
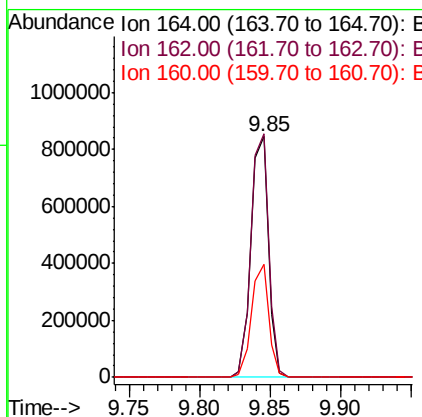
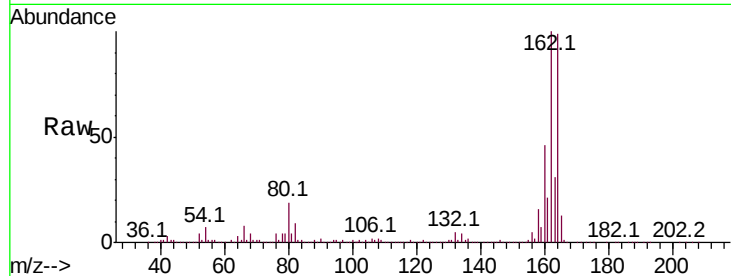
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111165.D
Acq: 7 Dec 2018 3:38

Instrument :
BNA_F
ClientSampleId :
SU-01-120518-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	80.6	120.8	
160	46.7	35.5	53.3	

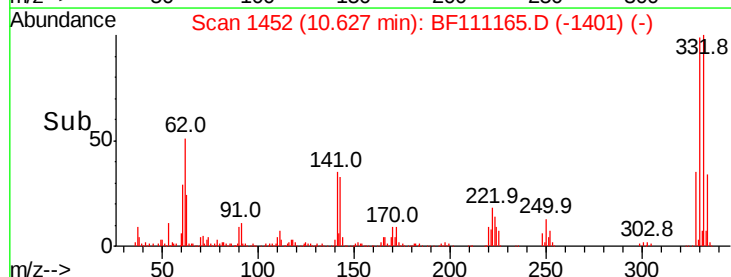
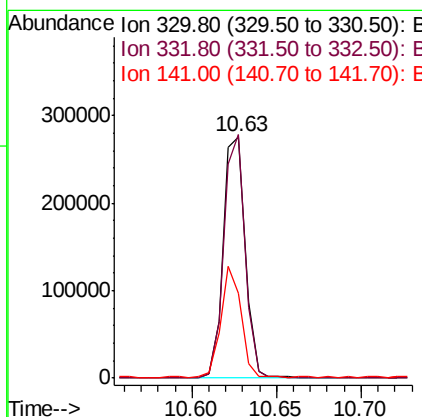
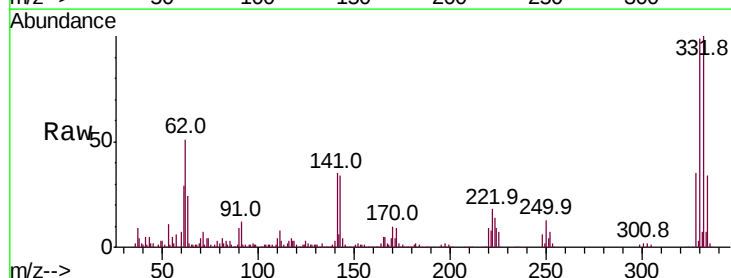
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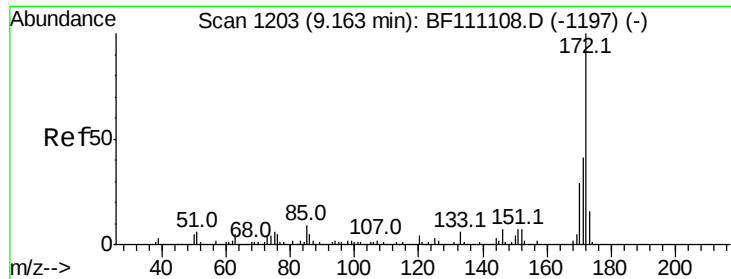
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#42
2,4,6-Tribromophenol
Concen: 42.552 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111165.D
Acq: 7 Dec 2018 3:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.2	115.8	
141	42.5	36.1	54.1	





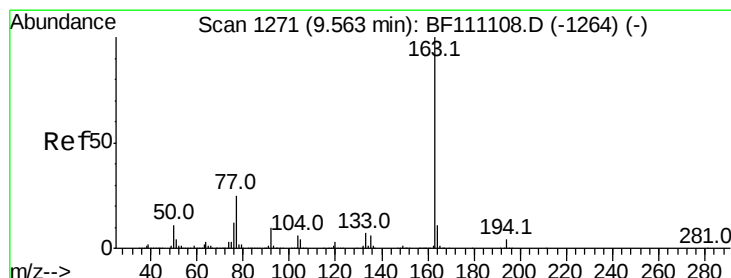
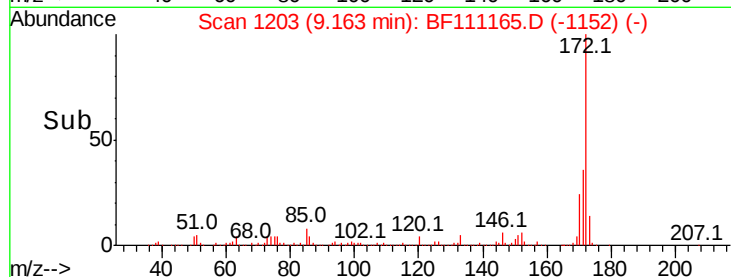
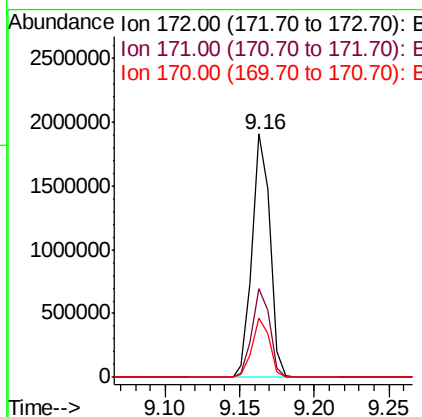
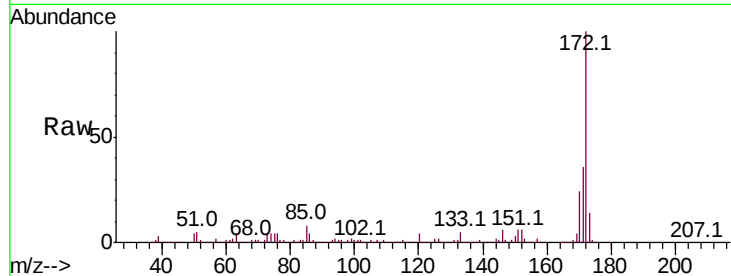
#45
2-Fluorobiphenyl
Concen: 29.858 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111165.D
Acq: 7 Dec 2018 3:38

Instrument :
BNA_F
ClientSampleId :
SU-01-120518-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	33.2	49.8
170	24.4	22.9	34.3

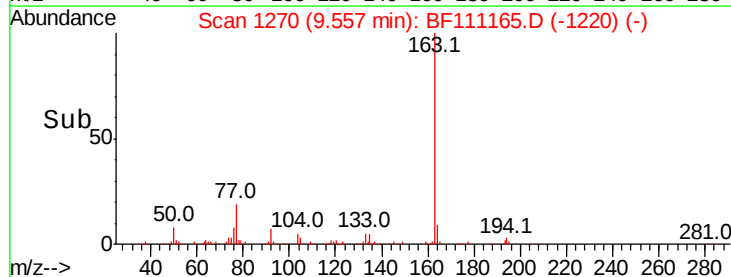
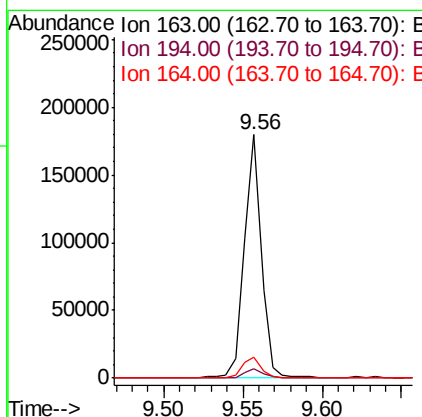
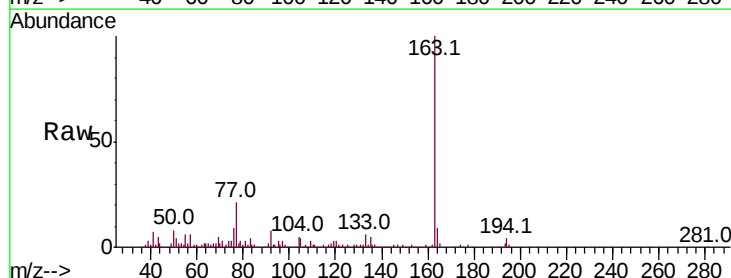
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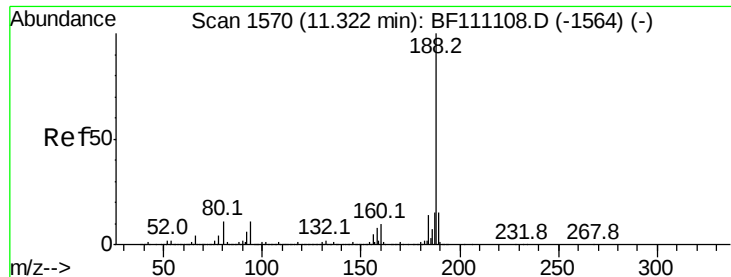
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#50
Dimethylphthalate
Concen: 2.600 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111165.D
Acq: 7 Dec 2018 3:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	8.6	8.9	13.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF111165.D

Acq: 7 Dec 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SU-01-120518-A

Tot Ion:188 Resp: 1141582

Ion Ratio Lower Upper

188 100

94 12.4 8.5 12.7

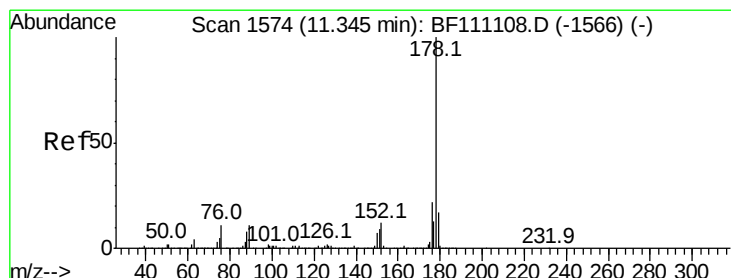
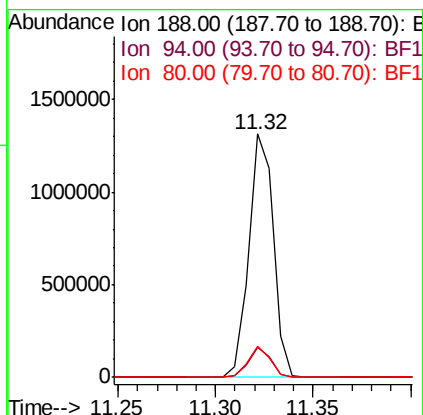
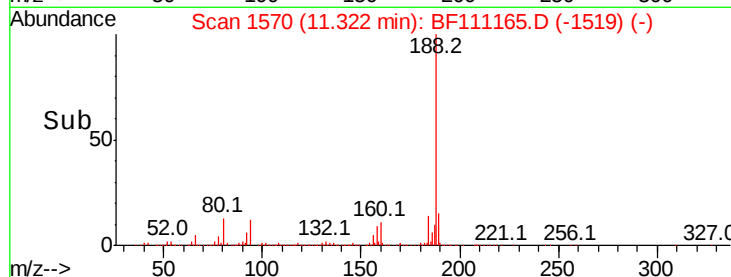
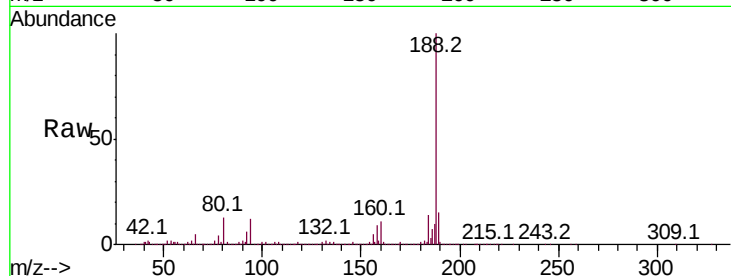
80 12.6 9.0 13.6

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#71

Phenanthrene

Concen: 3.068 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF111165.D

Acq: 7 Dec 2018 3:38

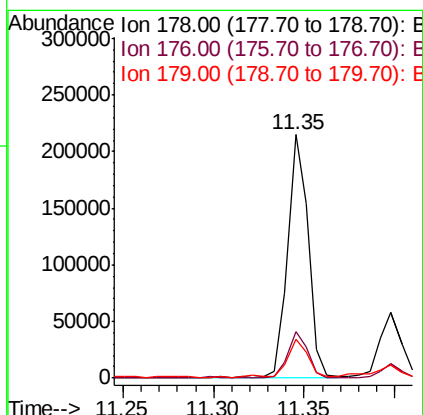
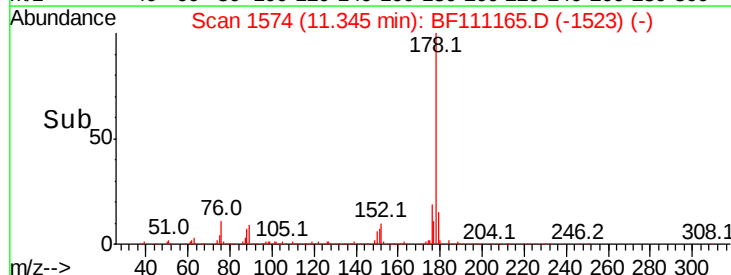
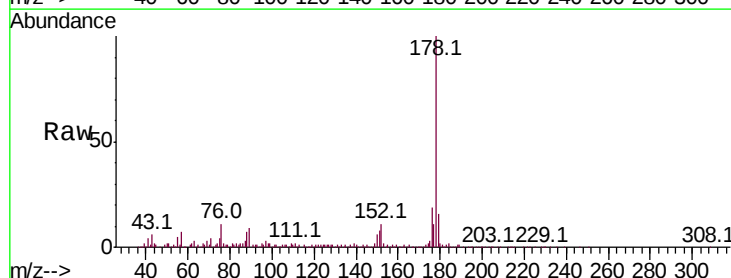
Tgt Ion:178 Resp: 168495

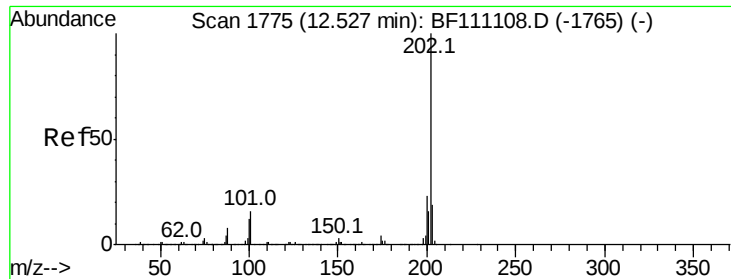
Ion Ratio Lower Upper

178 100

176 19.3 17.7 26.5

179 16.0 14.0 21.0





#75

Fluoranthene

Concen: 5.357 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111165.D

Acq: 7 Dec 2018 3:38

Instrument :

BNA_F

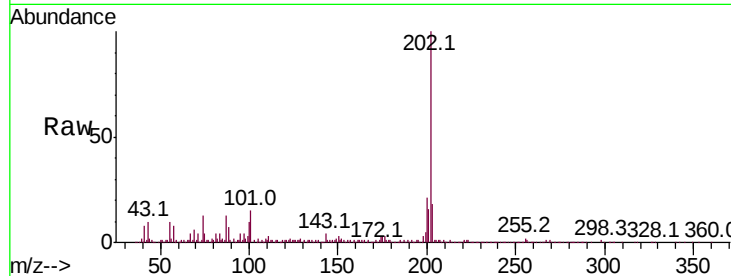
ClientSampleId :

SU-01-120518-A

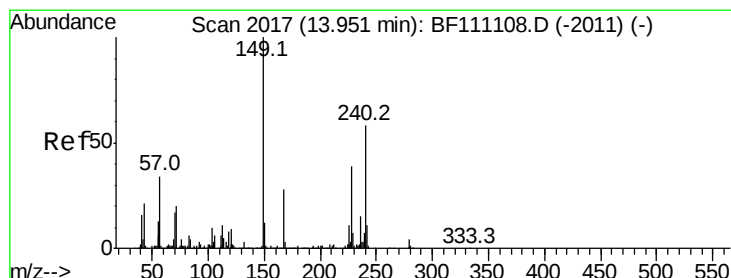
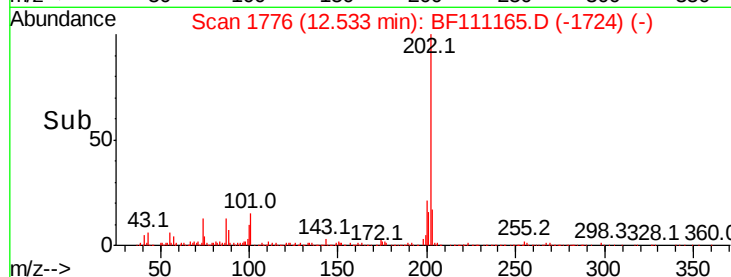
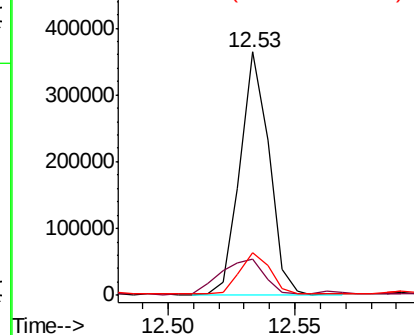
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.1	0.0	35.8
203	17.8	0.0	38.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

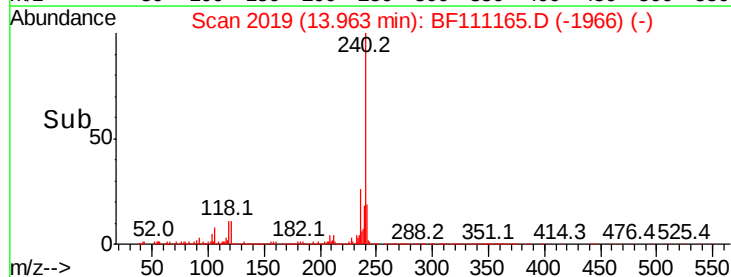
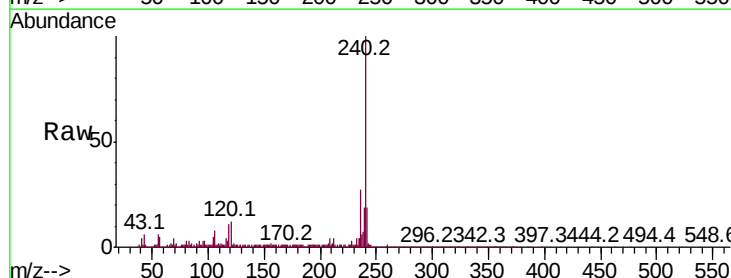
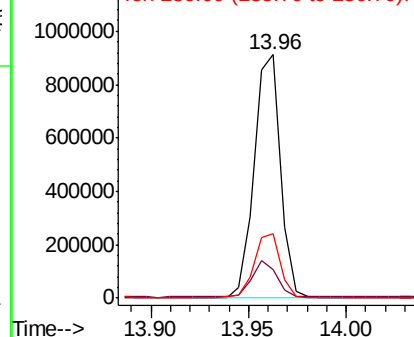
Delta R.T. 0.01 min

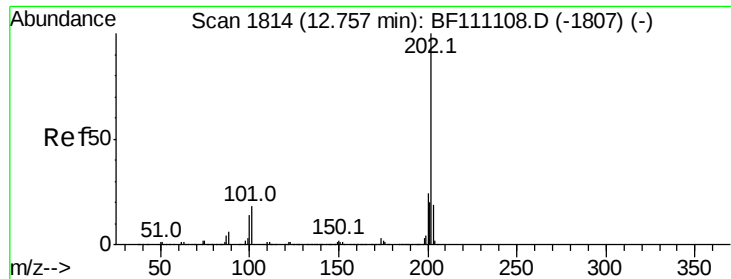
Lab File: BF111165.D

Acq: 7 Dec 2018 3:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.6	12.8	19.2#
236	26.5	21.1	31.7

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





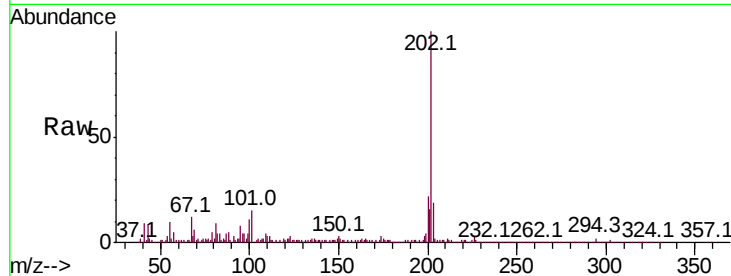
#78
Pvrene
Concen: 4.652 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111165.D
Acq: 7 Dec 2018 3:38

Instrument :
BNA_F
ClientSampleId :
SU-01-120518-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	19.3	28.9
203	18.6	15.4	23.2

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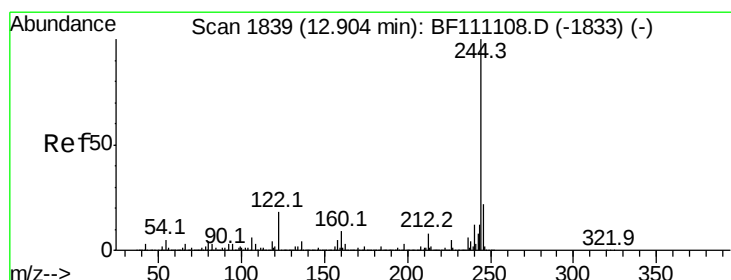
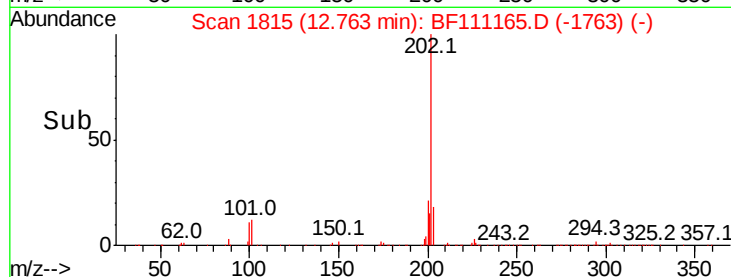
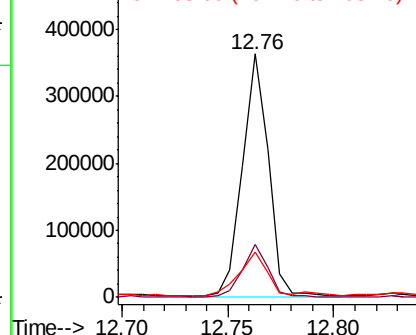


Abundance

Ion 202.00 (201.70 to 202.70): E

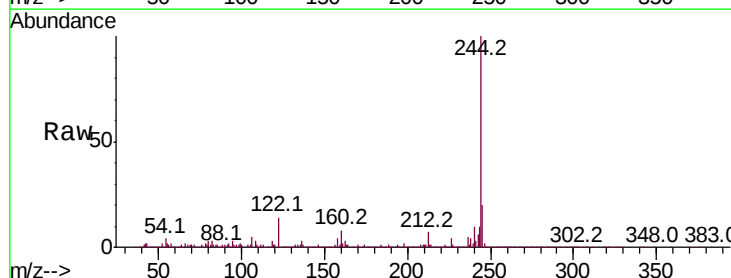
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 28.461 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111165.D
Acq: 7 Dec 2018 3:38

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	6.6	9.8#
122	14.3	14.2	21.2

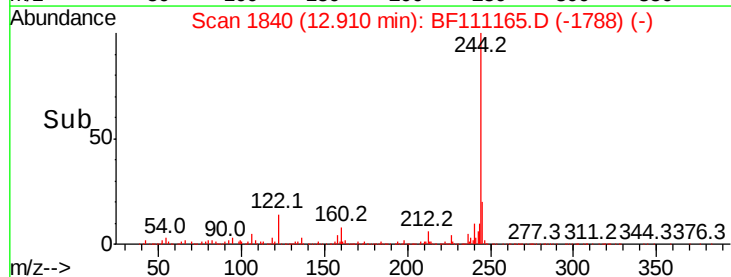
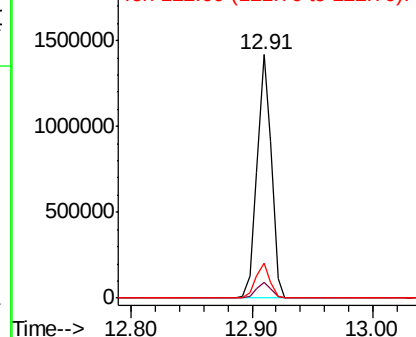


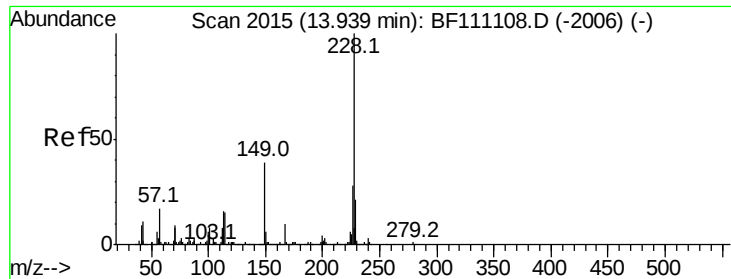
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





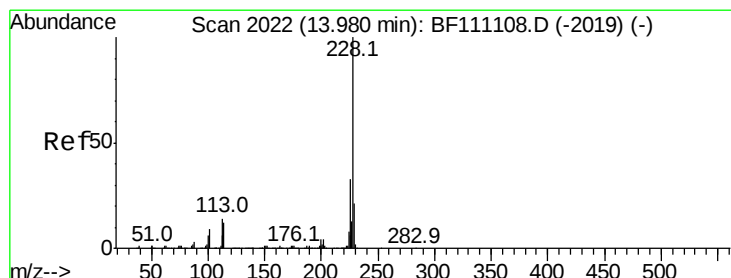
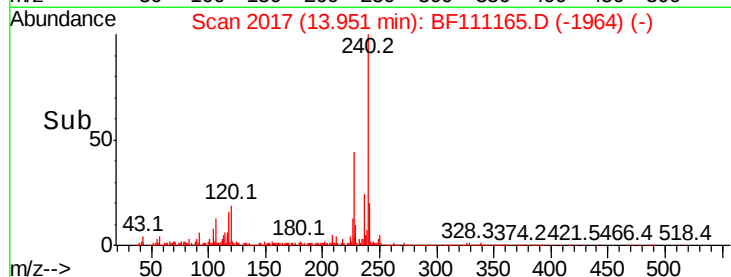
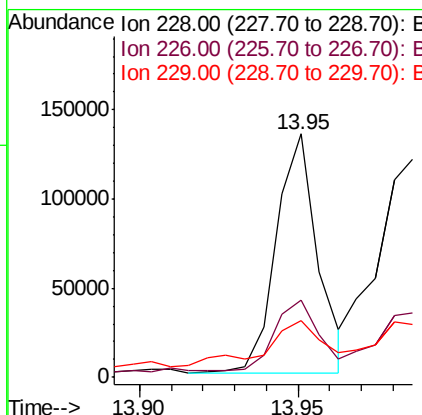
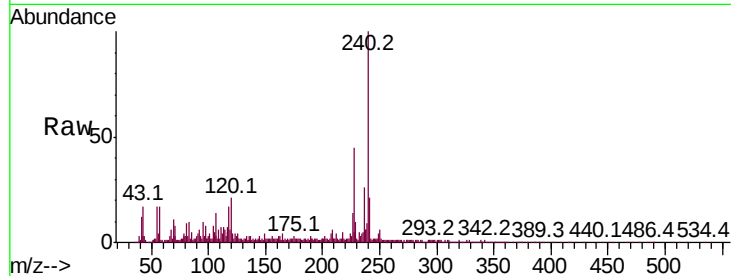
#81
Benzo(a)anthracene
Concen: 2.464 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111165.D
Acq: 7 Dec 2018 3:38

Instrument :
BNA_F
ClientSampleId :
SU-01-120518-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	34.0
229	23.5	16.7	25.1

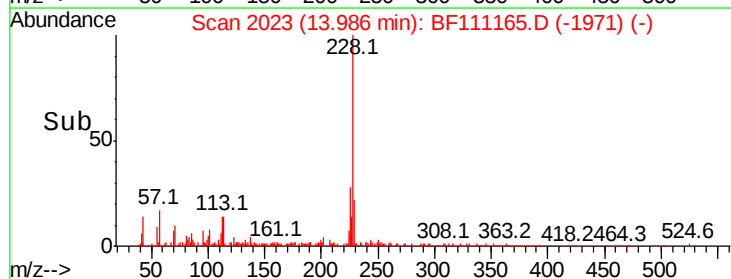
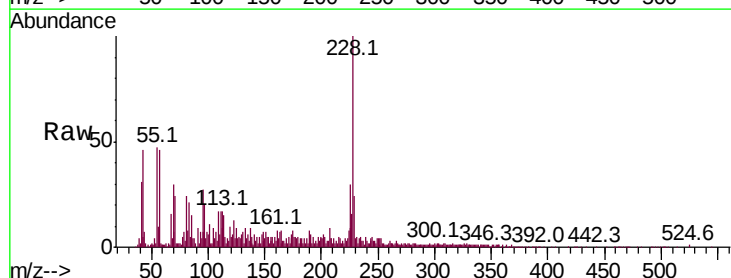
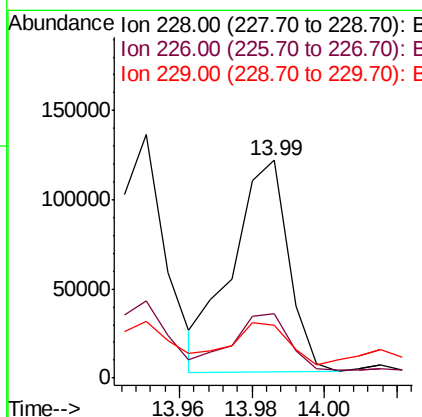
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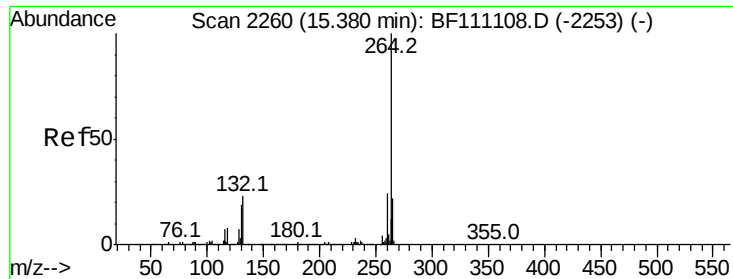
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#83
Chrysene
Concen: 2.569 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111165.D
Acq: 7 Dec 2018 3:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	26.2	39.2
229	24.3	16.9	25.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.02 min

Lab File: BF111165.D

Acq: 7 Dec 2018 3:38

Instrument :

BNA_F

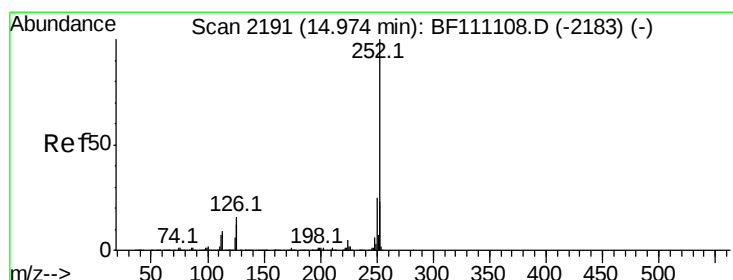
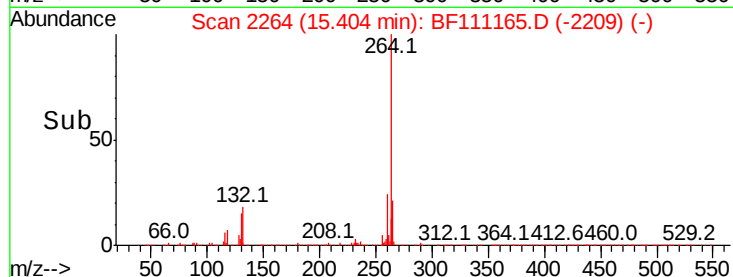
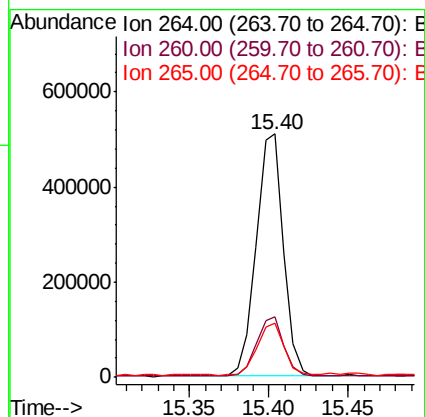
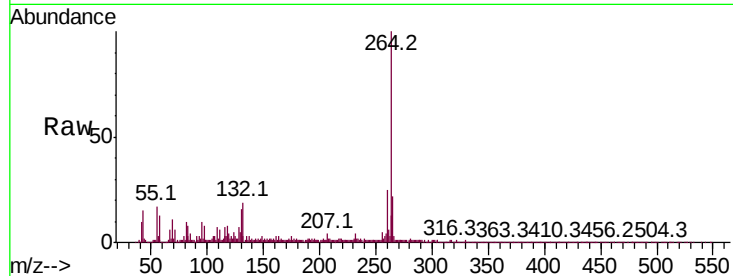
ClientSampleId :

SU-01-120518-A

Tot Ion:	264	Resp:	608255
Ion Ratio		Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.0	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 3.353 ng m

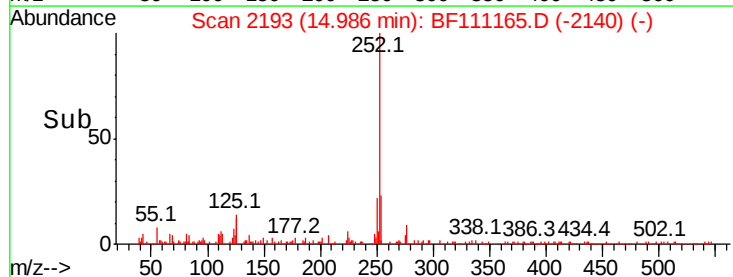
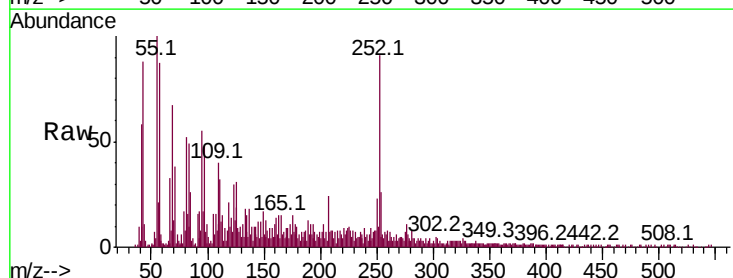
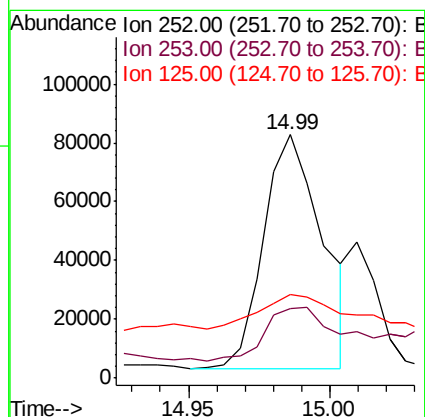
RT: 14.99 min Scan# 2193

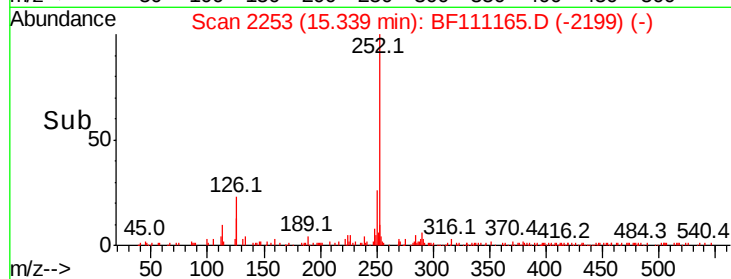
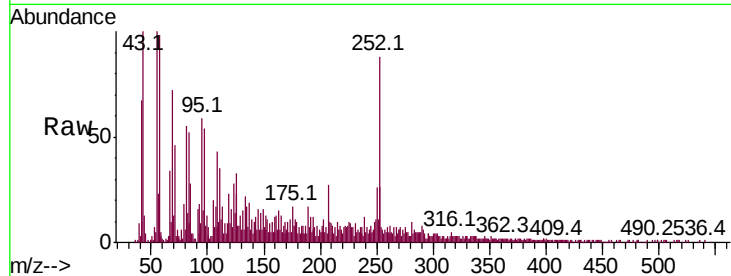
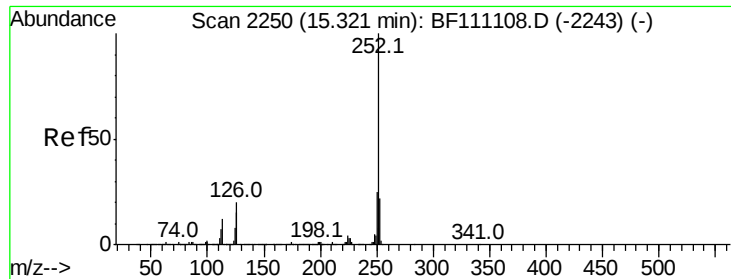
Delta R.T. 0.01 min

Lab File: BF111165.D

Acq: 7 Dec 2018 3:38

Tgt Ion:	252	Resp:	115558
Ion Ratio		Lower	Upper
252	100		
253	28.4	18.5	27.7#
125	34.6	9.9	14.9#





#90

Benzo(a)pyrene

Concen: 2.574 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.02 min

Lab File: BF111165.D

Acq: 7 Dec 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SU-01-120518-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.5	26.3#
125	37.3	12.4	18.6#

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