

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111303.D
 Acq On : 12 Dec 2018 3:49
 Operator : JU/SJ
 Sample : J6193-05 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-121018-C

Manual Integrations
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Quant Time: Dec 12 04:51:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	250894	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	978324	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	422766	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	665318	20.00	ng	0.00
76) Chrysene-d12	13.95	240	588128	20.00	ng	0.00
87) Perylene-d12	15.39	264	426907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	393464	24.76	ng	0.00
7) Phenol-d6	6.42	99	498657	25.25	ng	-0.01
23) Nitrobenzene-d5	7.35	82	287870	16.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	80378	21.46	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	515065	14.25	ng	-0.01
79) Terphenyl-d14	12.90	244	408876	16.68	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.55	163	89166	2.858	ng	98
71) Phenanthrene	11.34	178	91570	2.729	ng	94
75) Fluoranthene	12.53	202	223200	7.281	ng	97
78) Pyrene	12.75	202	201389	4.792	ng	97
81) Benzo(a)anthracene	13.94	228	129448	3.945	ng	99
83) Chrysene	13.97	228	112139	3.315	ng	99
88) Benzo(b)fluoranthene	14.97	252	117078m	4.959	ng	
90) Benzo(a)pyrene	15.33	252	73565	3.384	ng	97

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

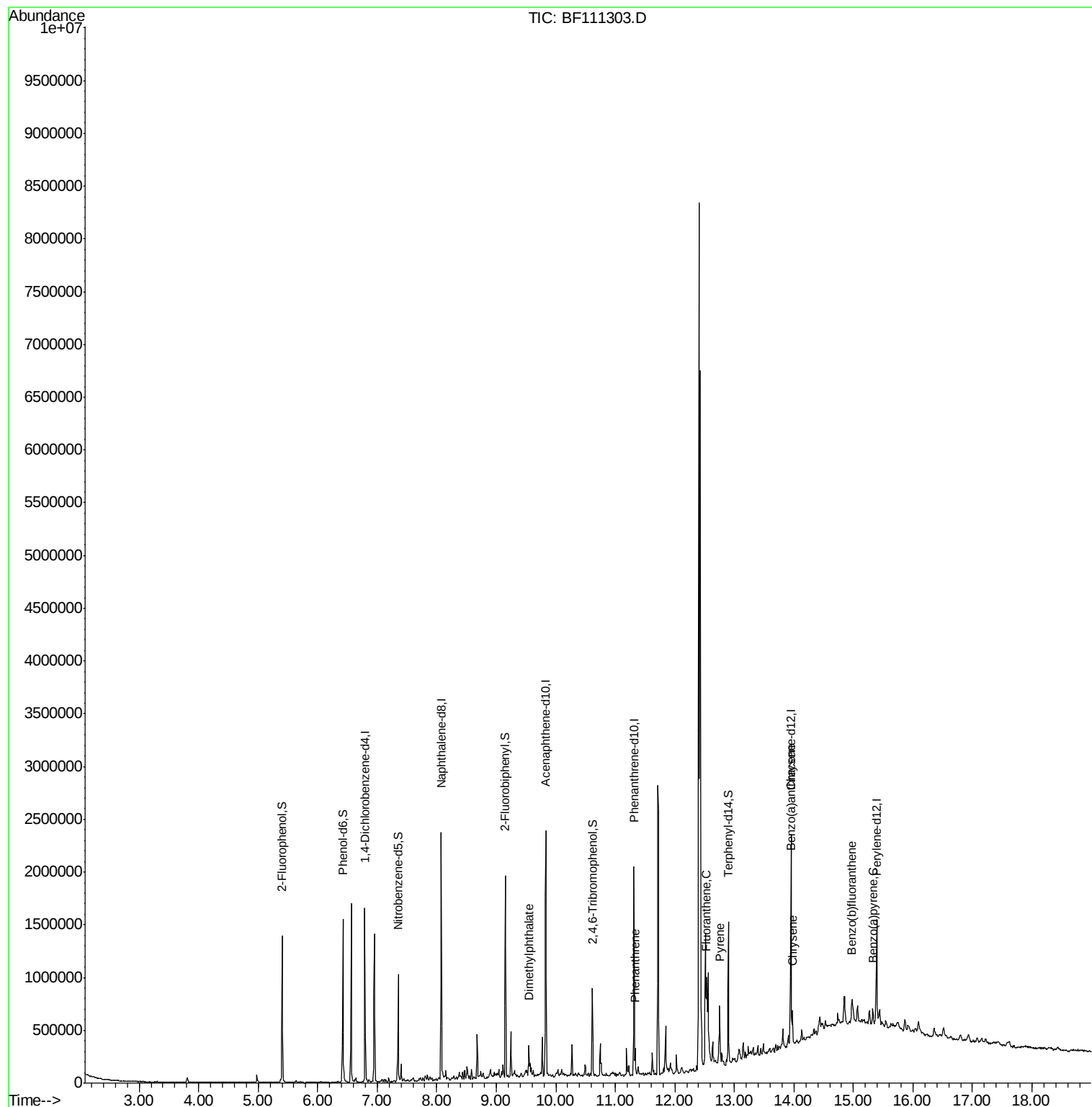
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111303.D
Acq On : 12 Dec 2018 3:49
Operator : JU/SJ
Sample : J6193-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

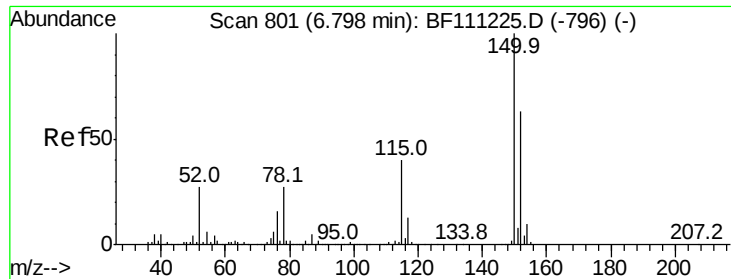
Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

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Quant Time: Dec 12 04:51:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration





#1

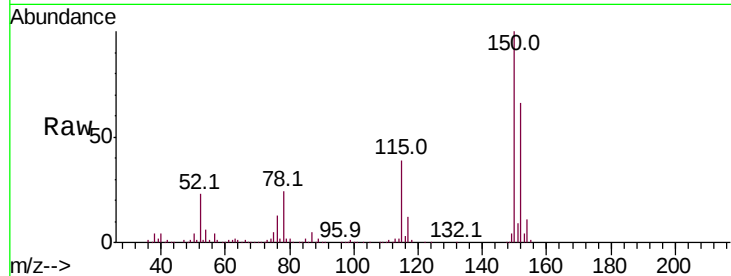
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.6	189.8
115	58.7	50.7	76.1

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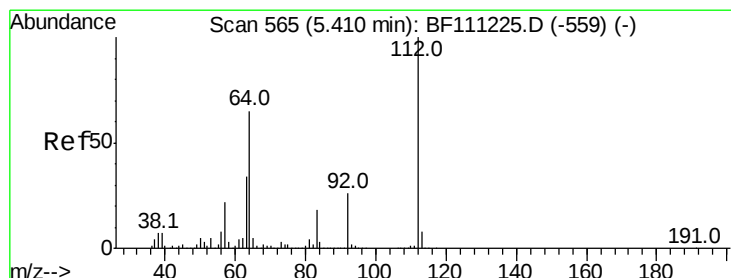
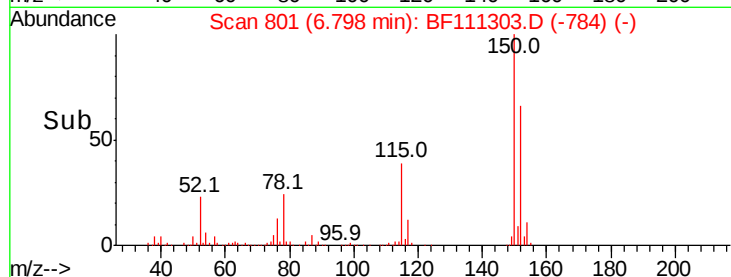
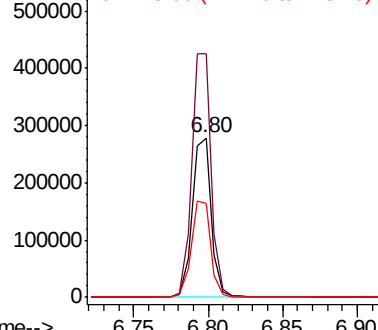


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

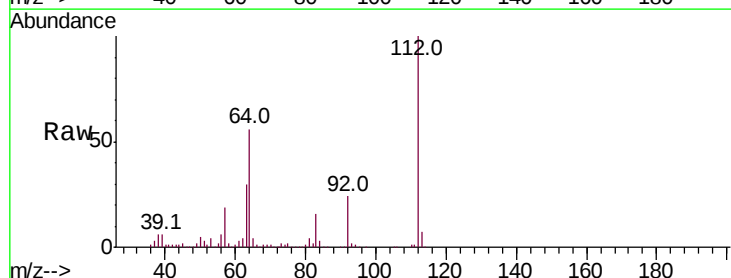
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 24.764 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	51.8	77.6
63	29.8	26.8	40.2

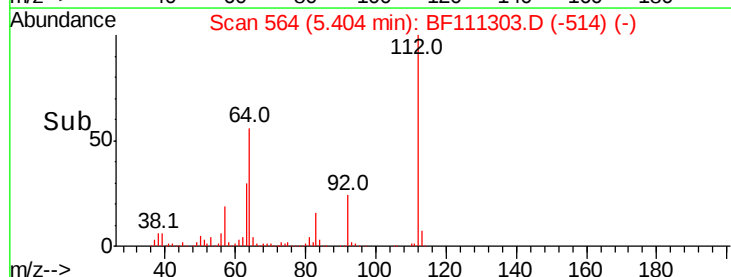
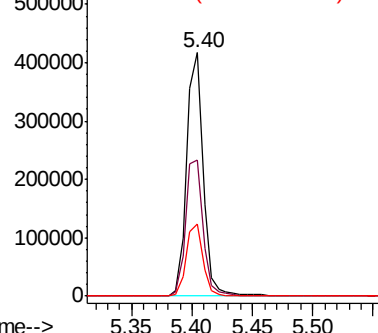


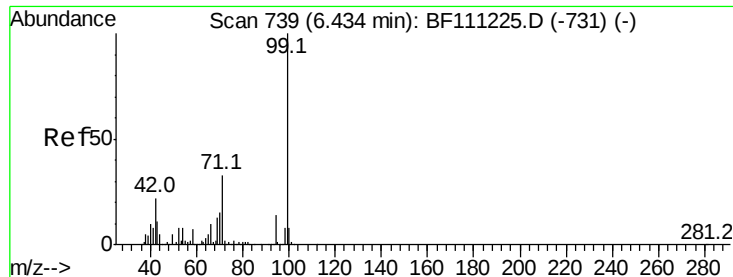
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.254 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111303.D

Acq: 12 Dec 2018 3:49

Instrument :

BNA_F

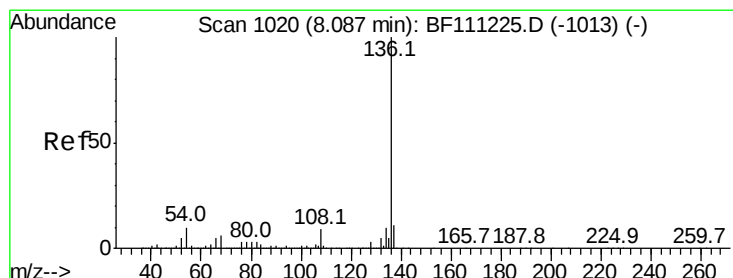
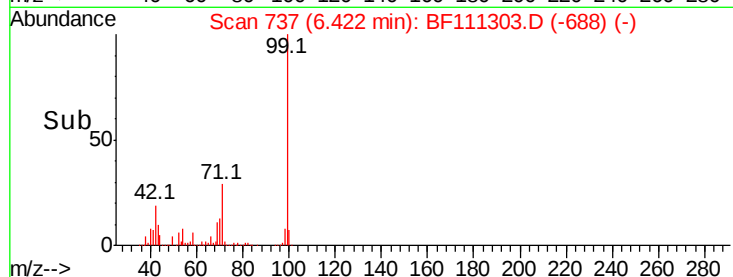
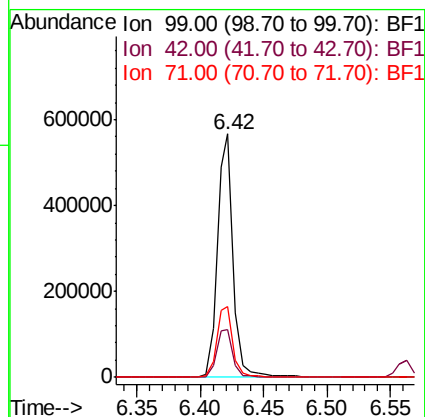
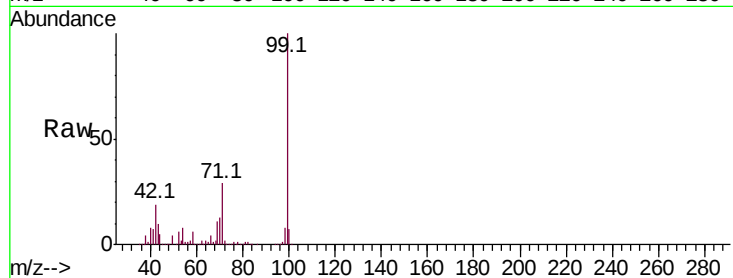
ClientSampleId :

CL-01-121018-C

Tot Ion:	99	Resp:	498657
Ion Ratio	Lower	Upper	
99	100		
42	19.4	17.4	26.0
71	28.9	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

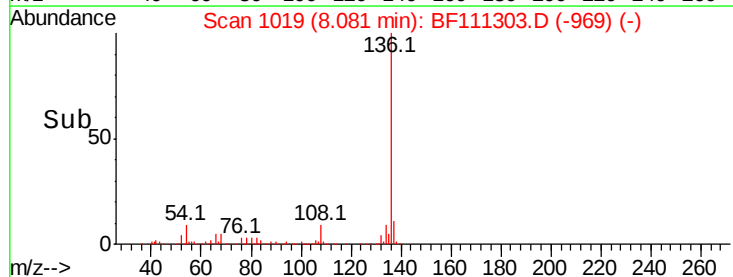
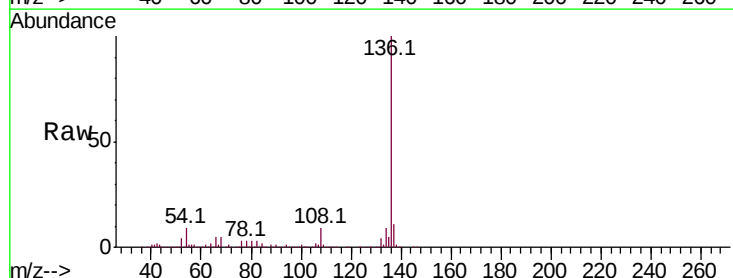
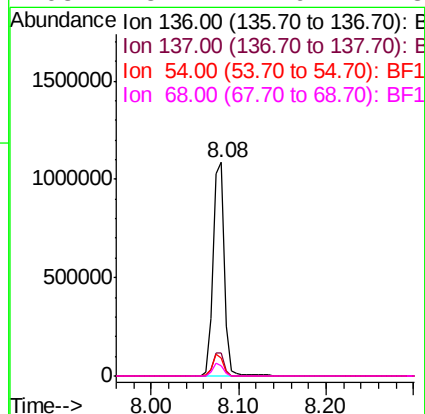
RT: 8.08 min Scan# 1019

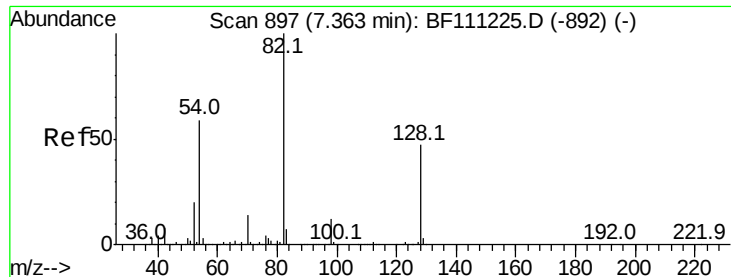
Delta R.T. -0.01 min

Lab File: BF111303.D

Acq: 12 Dec 2018 3:49

Tgt Ion:	136	Resp:	978324
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.1	13.7
54	8.5	7.7	11.5
68	5.1	4.9	7.3





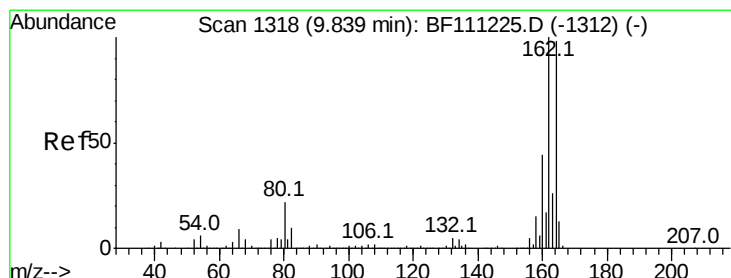
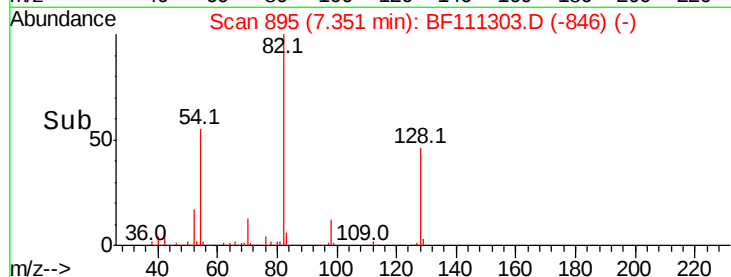
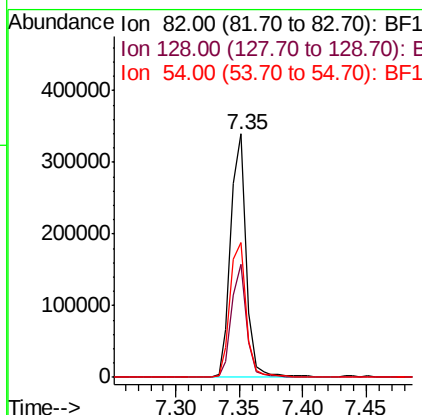
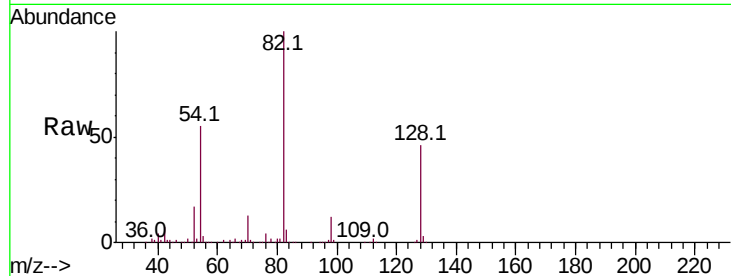
#23
Nitrobenzene-d5
Concen: 16.504 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.4	56.2
54	55.5	47.6	71.4

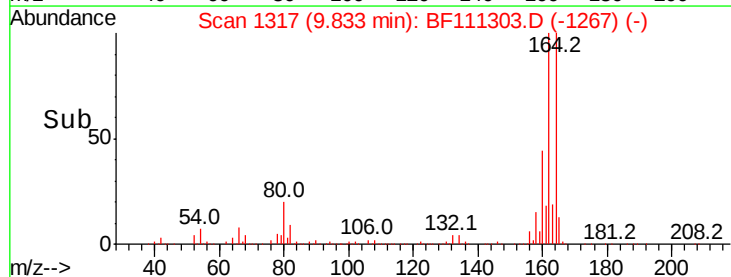
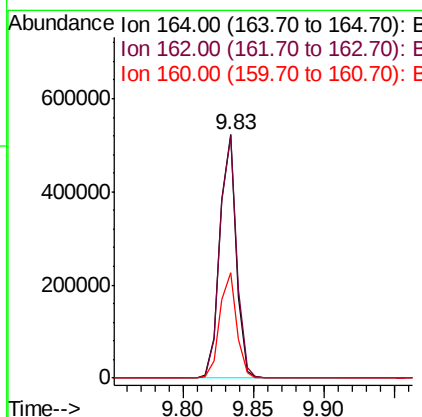
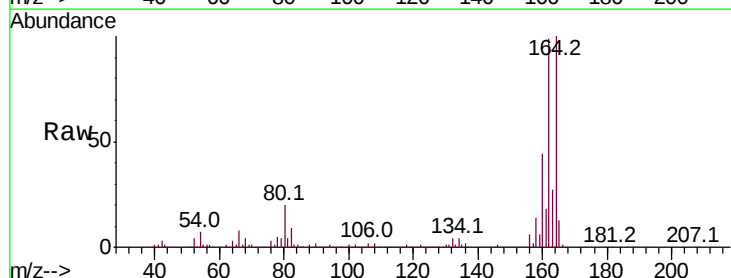
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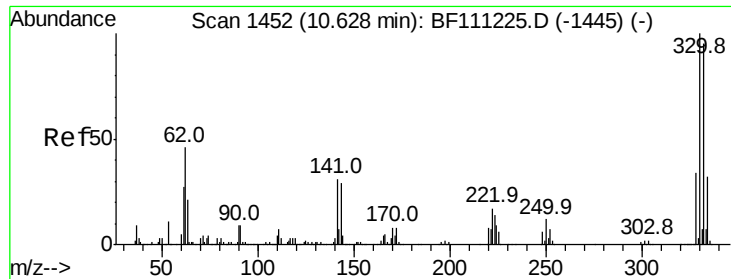
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.4	122.0
160	43.5	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 21.463 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111303.D

Acq: 12 Dec 2018 3:49

Instrument :

BNA_F

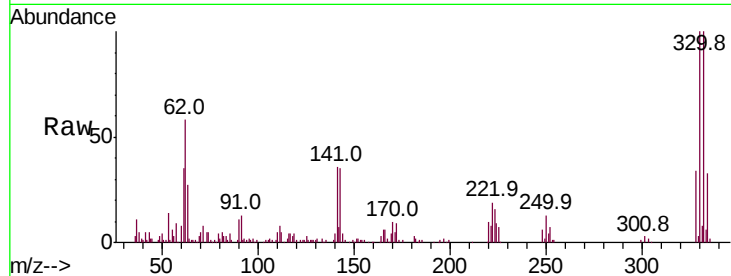
ClientSampleId :

CL-01-121018-C

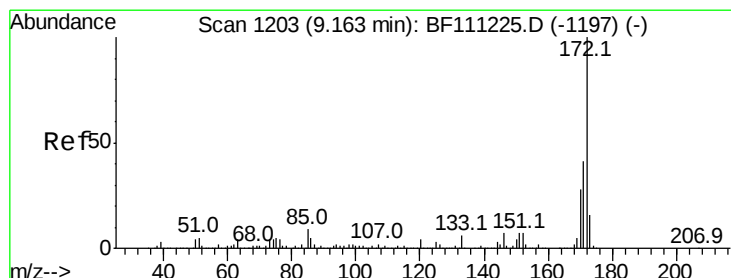
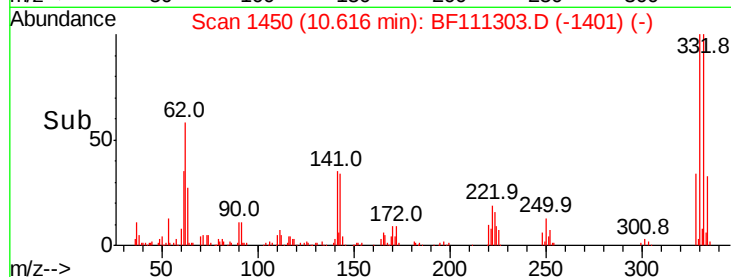
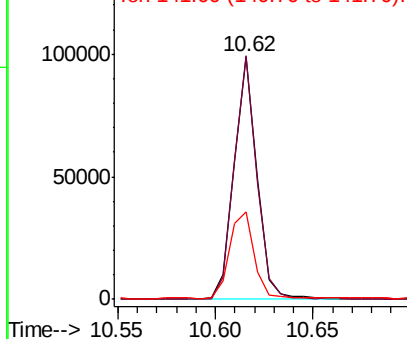
Tot Ion:	330	Resp:	80378
Ion Ratio	Lower	Upper	
330	100		
332	98.6	76.0	114.0
141	38.4	31.0	46.6

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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



#45

2-Fluorobiphenyl

Concen: 14.248 ng

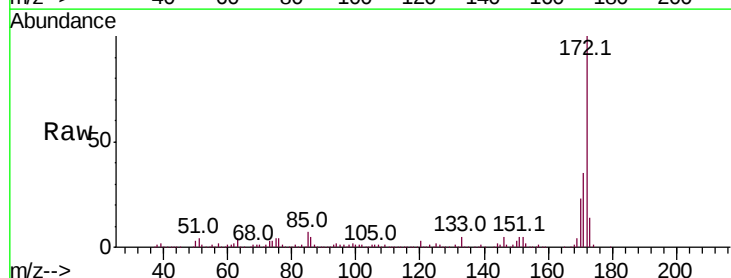
RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

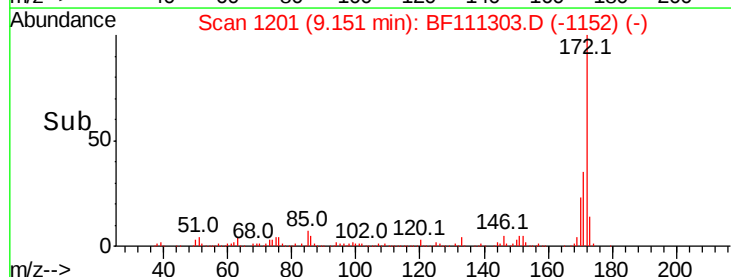
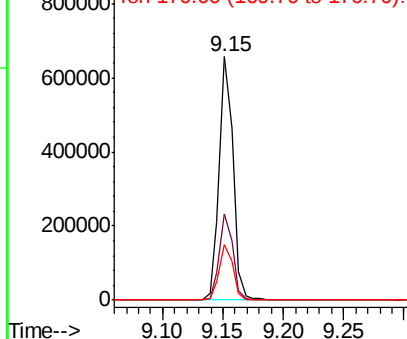
Lab File: BF111303.D

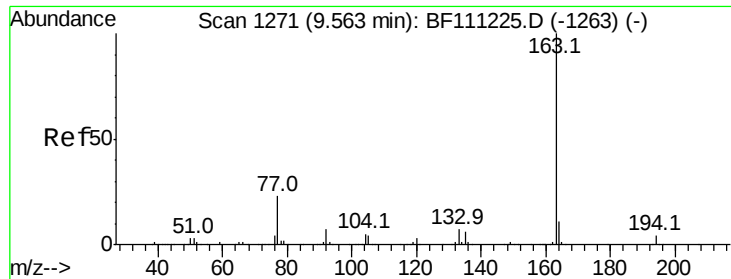
Acq: 12 Dec 2018 3:49

Tgt Ion:	172	Resp:	515065
Ion Ratio	Lower	Upper	
172	100		
171	35.3	33.0	49.4
170	22.9	22.3	33.5



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





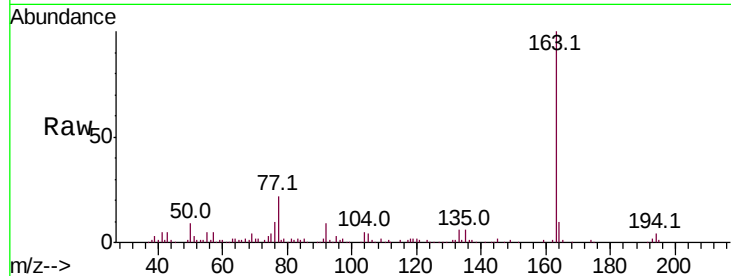
#50
Dimethylphthalate
Concen: 2.858 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

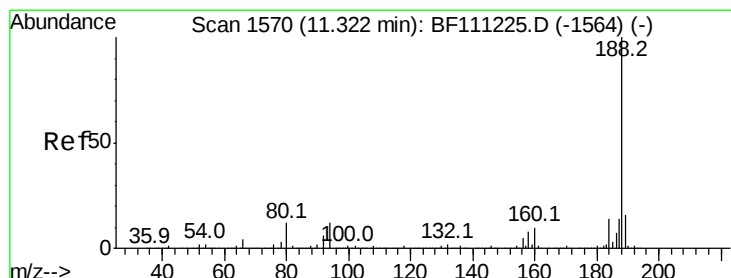
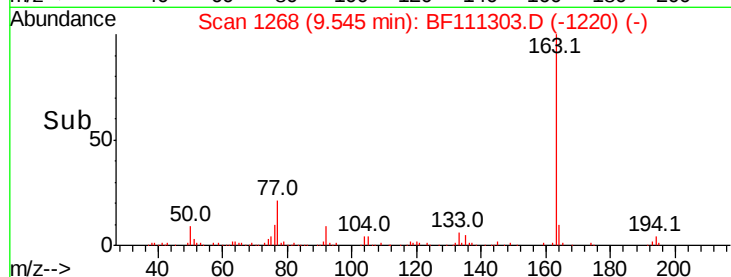
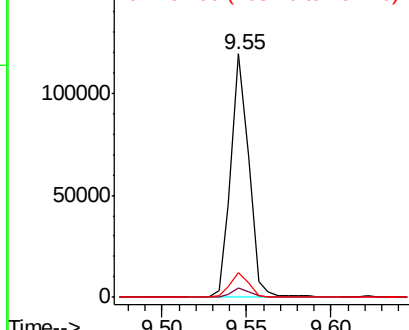
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.0	8.9	13.3

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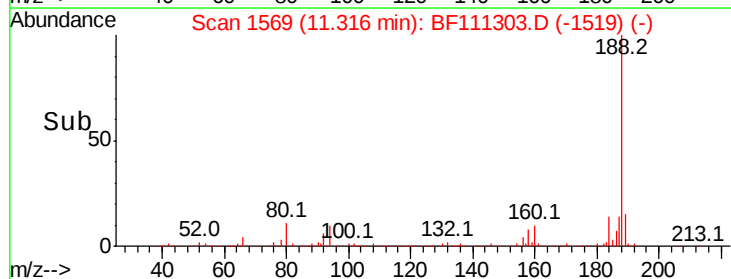
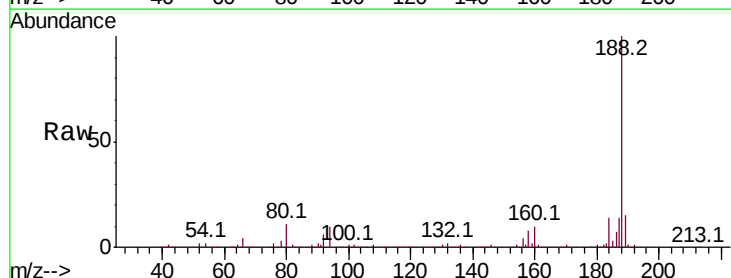
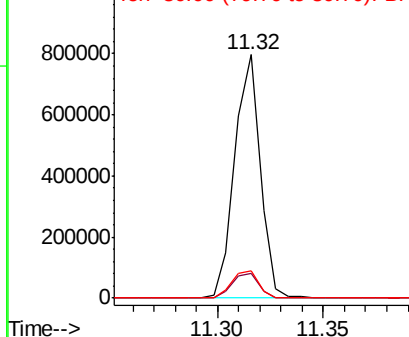
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

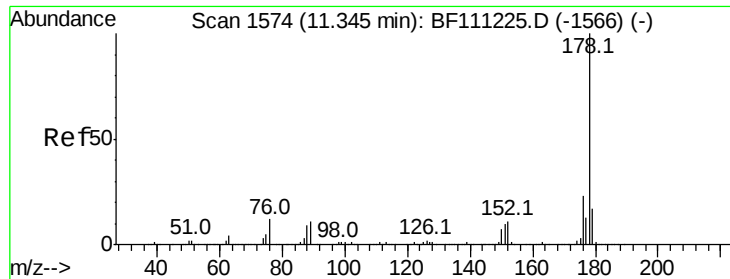


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.6	14.4
80	11.1	9.8	14.6

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





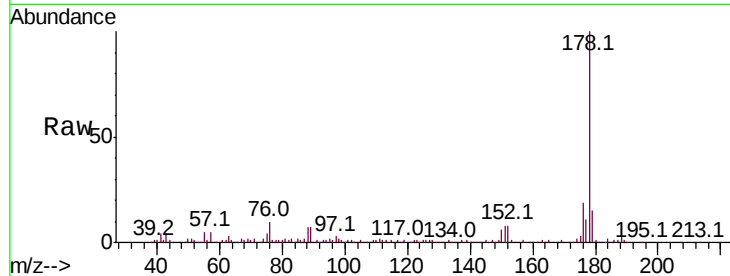
#71
Phenanthrene
Concen: 2.729 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

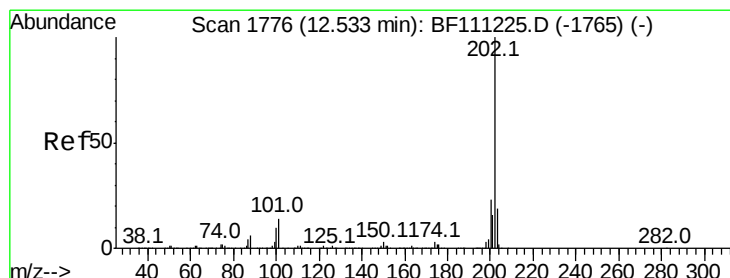
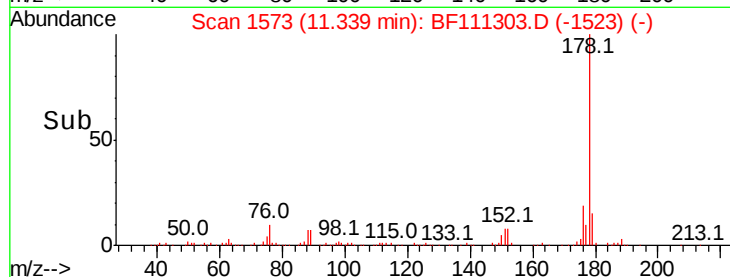
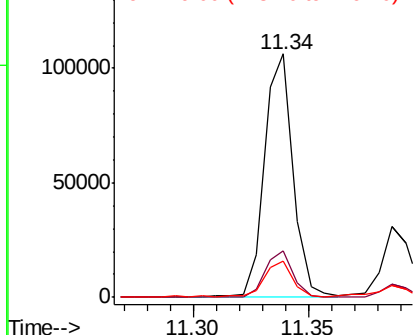
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	18.1	27.1
179	15.1	14.0	21.0

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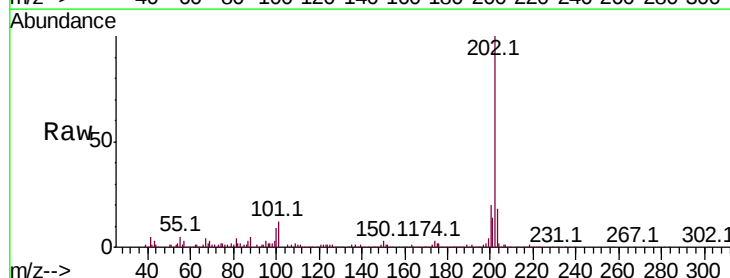


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

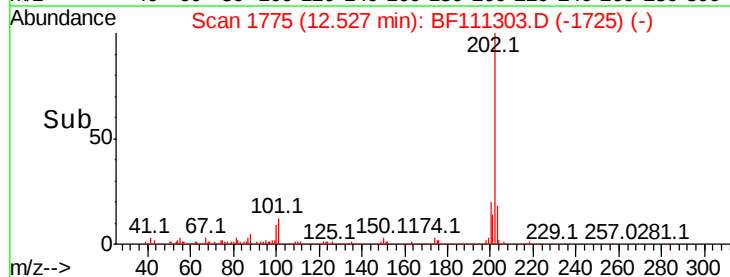
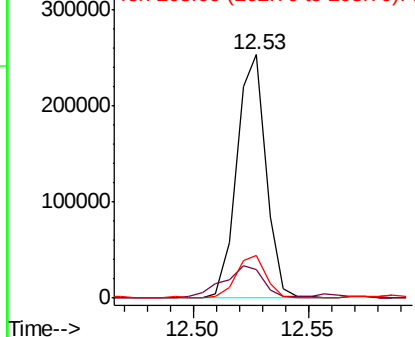


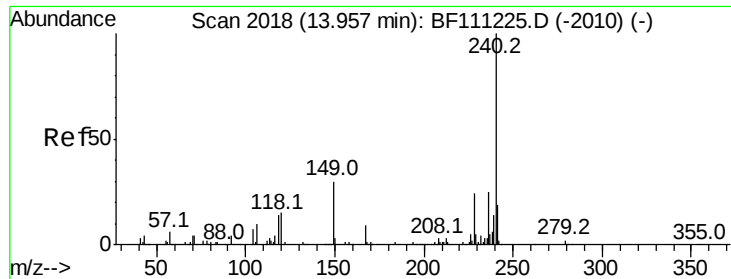
#75
Fluoranthene
Concen: 7.281 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.8
203	17.7	0.0	38.6



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





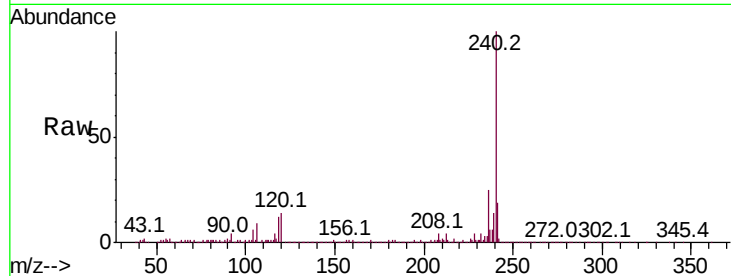
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.3	12.2	18.2	
236	25.2	20.2	30.2	

Manual Integrations
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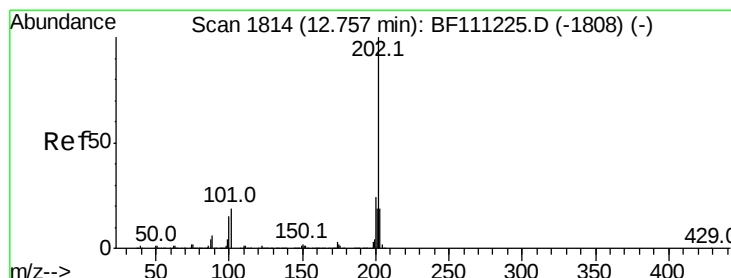
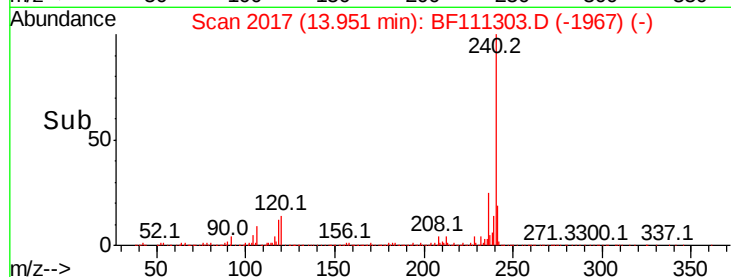
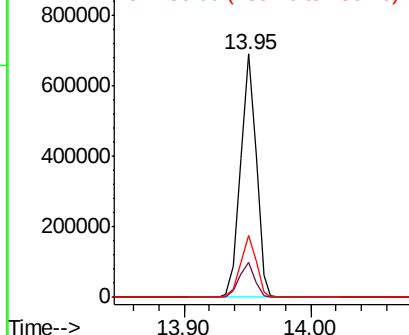


Abundance

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



#78
Pyrene
Concen: 4.792 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

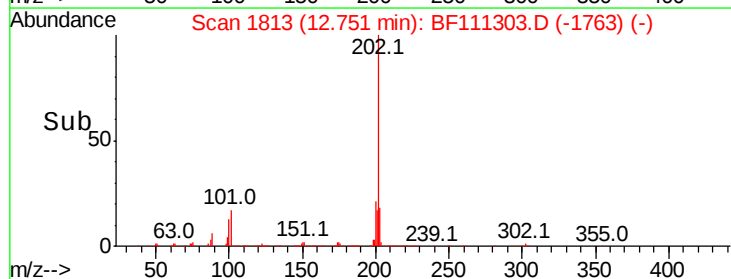
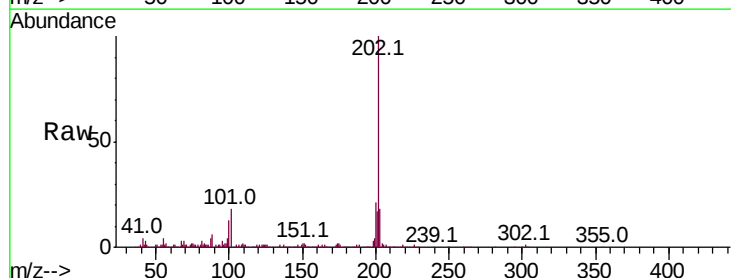
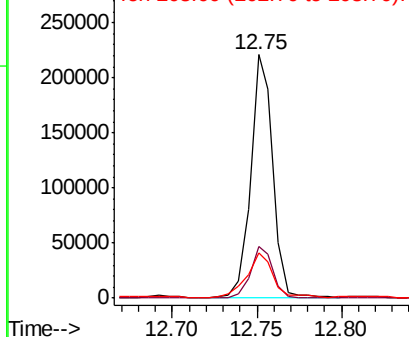
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	19.0	28.4	
203	18.5	15.2	22.8	

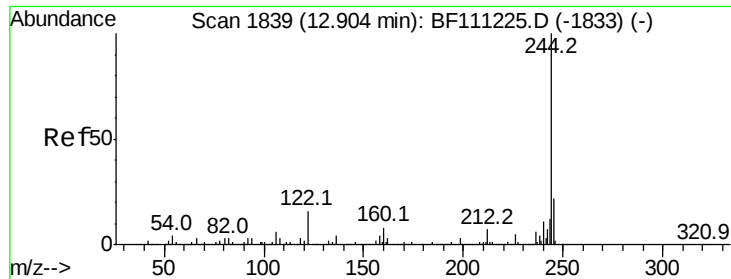
Abundance

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





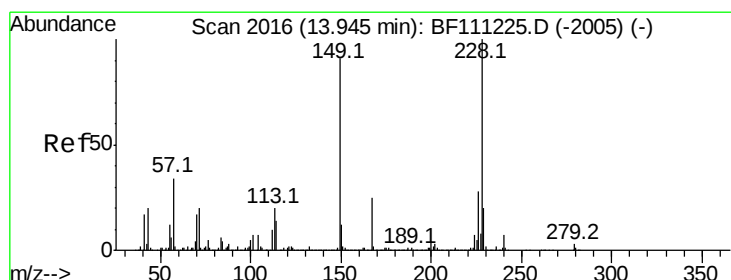
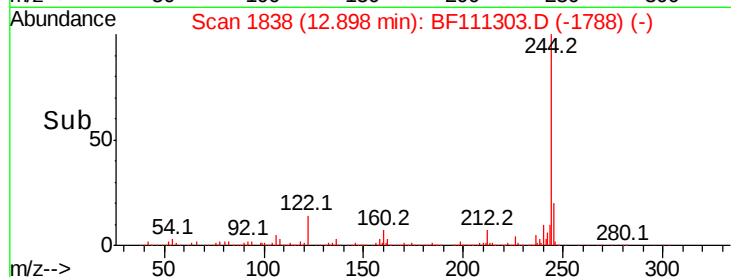
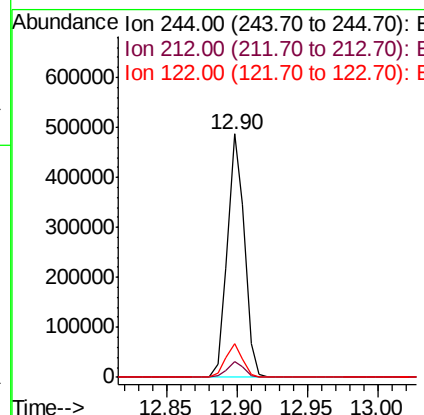
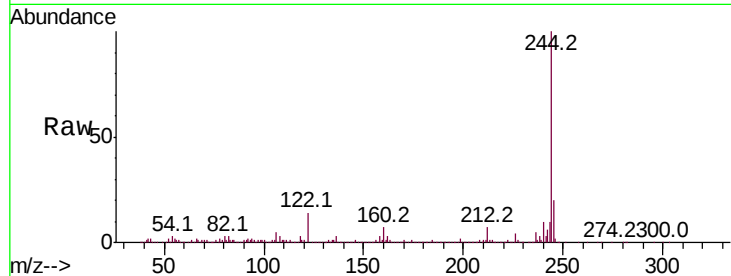
#79
 Terphenyl-d14
 Concen: 16.676 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF111303.D
 Acq: 12 Dec 2018 3:49

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-121018-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	13.8	13.1	19.7

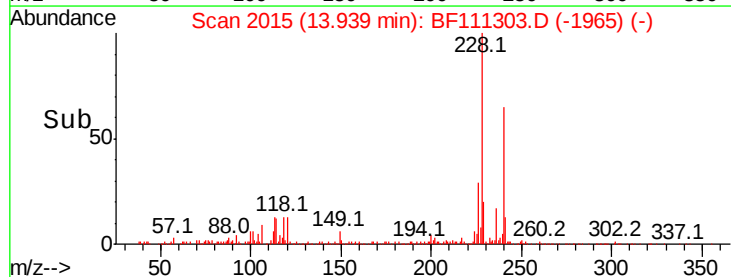
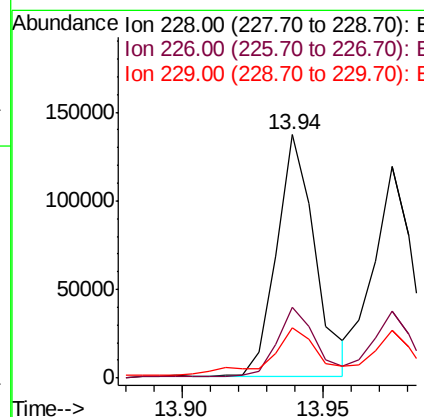
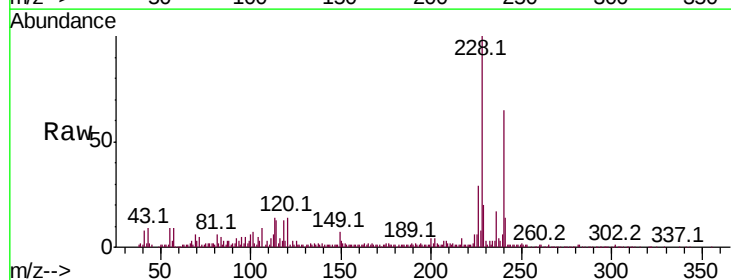
Manual Integrations
 APPROVED

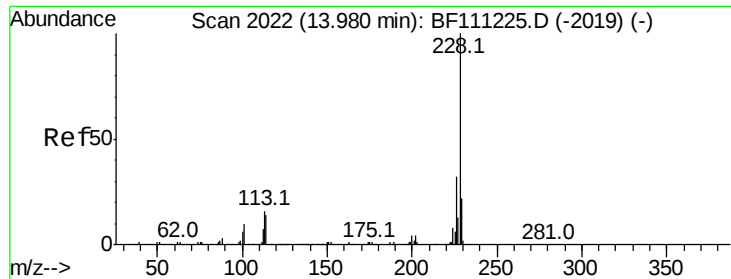
Sohil
 12/12/2018 5:30:22 PM



#81
 Benzo(a)anthracene
 Concen: 3.945 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111303.D
 Acq: 12 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	20.5	16.3	24.5





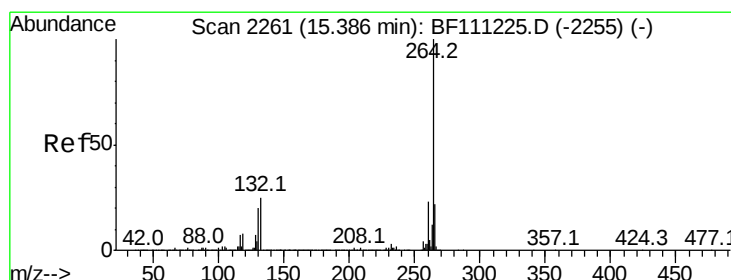
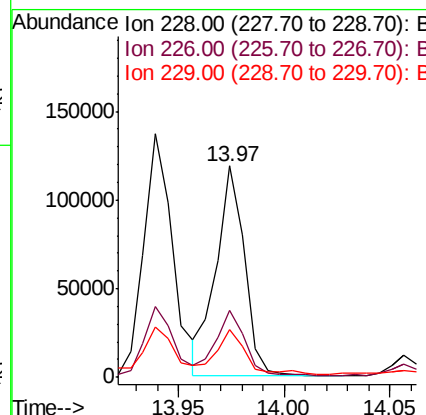
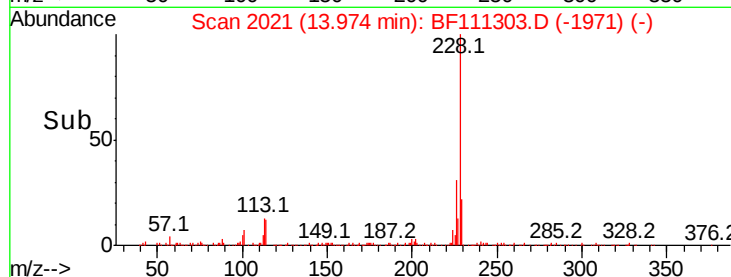
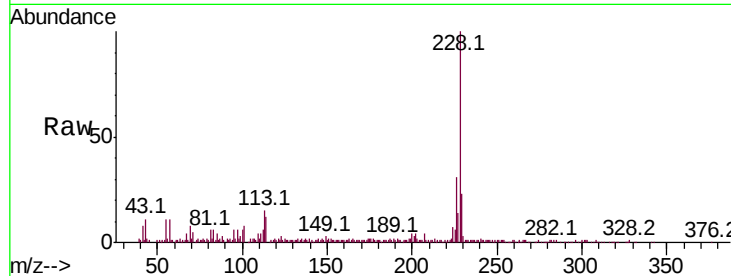
#83
Chrysene
Concen: 3.315 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.3	37.9
229	22.7	17.2	25.8

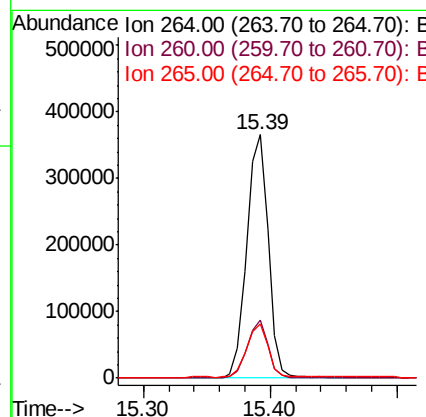
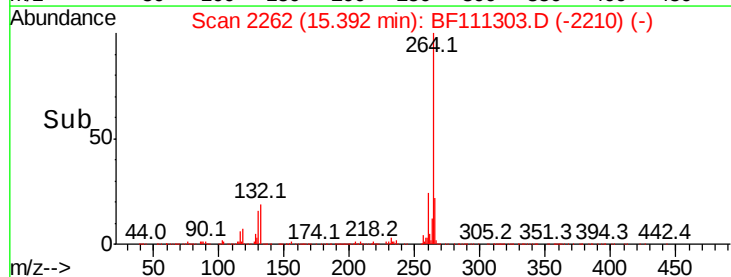
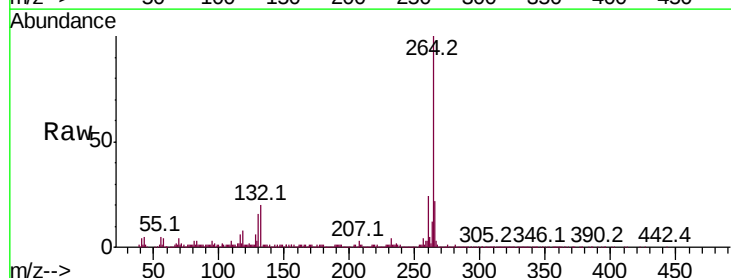
Manual Integrations
APPROVED

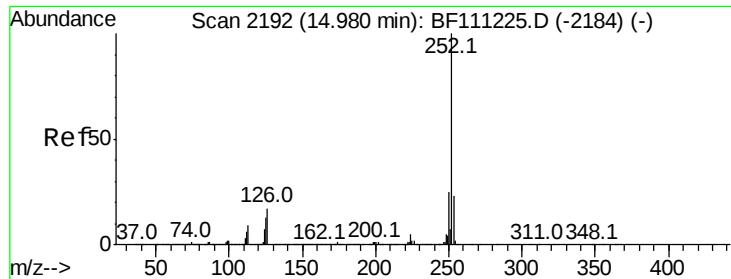
Sohil
12/12/2018 5:30:22 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.1	17.7	26.5





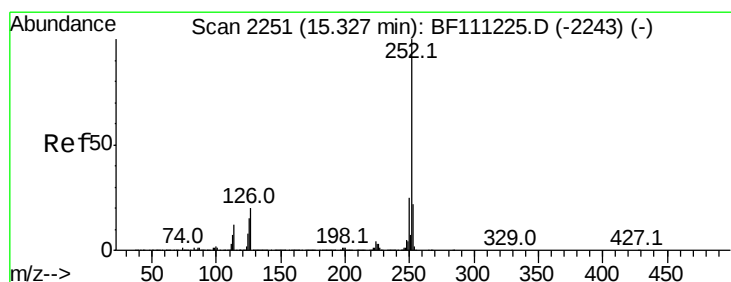
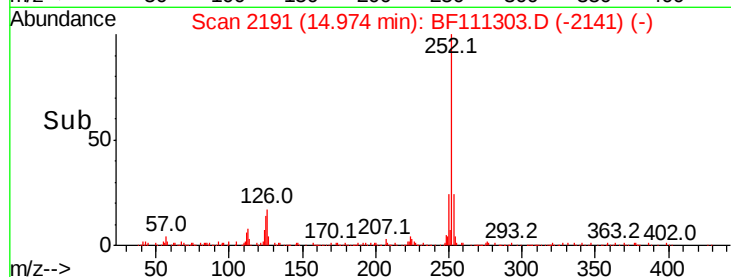
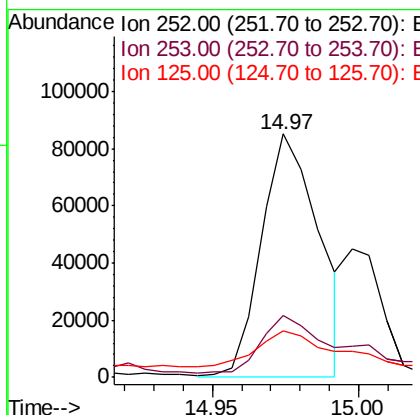
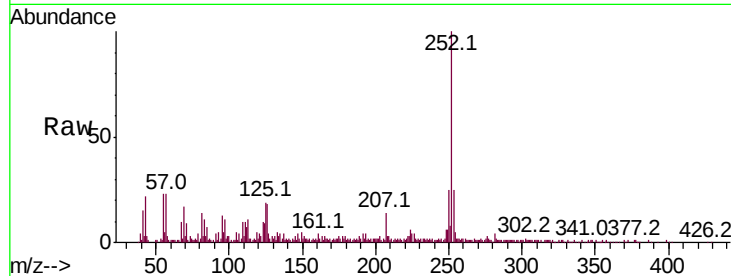
#88
Benzo(b)fluoranthene
Concen: 4.959 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.2	27.2
125	19.1	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/12/2018 5:30:22 PM



#90
Benzo(a)pyrene
Concen: 3.384 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	17.4	12.3	18.5

