

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111279.D
 Acq On : 11 Dec 2018 15:26
 Operator : JU/SJ
 Sample : J6197-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-120718

Manual Integrations
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 12/12/2018 5:30:07 PM

Quant Time: Dec 11 17:39:48 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	341114	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1244021	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	538313	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	834029	20.00	ng	0.00
76) Chrysene-d12	13.96	240	445000	20.00	ng	0.00
87) Perylene-d12	15.40	264	348311	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	863178	39.96	ng	0.00
7) Phenol-d6	6.43	99	1456409	54.25	ng	0.00
23) Nitrobenzene-d5	7.35	82	827412	37.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	175832	36.87	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1168934	29.84	ng	0.00
79) Terphenyl-d14	12.90	244	870651	46.93	ng	0.00
Target Compounds						
10) Phenol	6.44	94	69961	2.229	ng	93
50) Dimethylphthalate	9.55	163	86464	2.177	ng	98
71) Phenanthrene	11.34	178	139367	3.313	ng	92
75) Fluoranthene	12.53	202	161259	4.196	ng	98
78) Pyrene	12.76	202	159123	5.004	ng	95
81) Benzo(a)anthracene	13.94	228	57236	2.305	ng	# 90
88) Benzo(b)fluoranthene	14.98	252	49159m	2.552	ng	
90) Benzo(a)pyrene	15.33	252	37703	2.126	ng	# 79

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

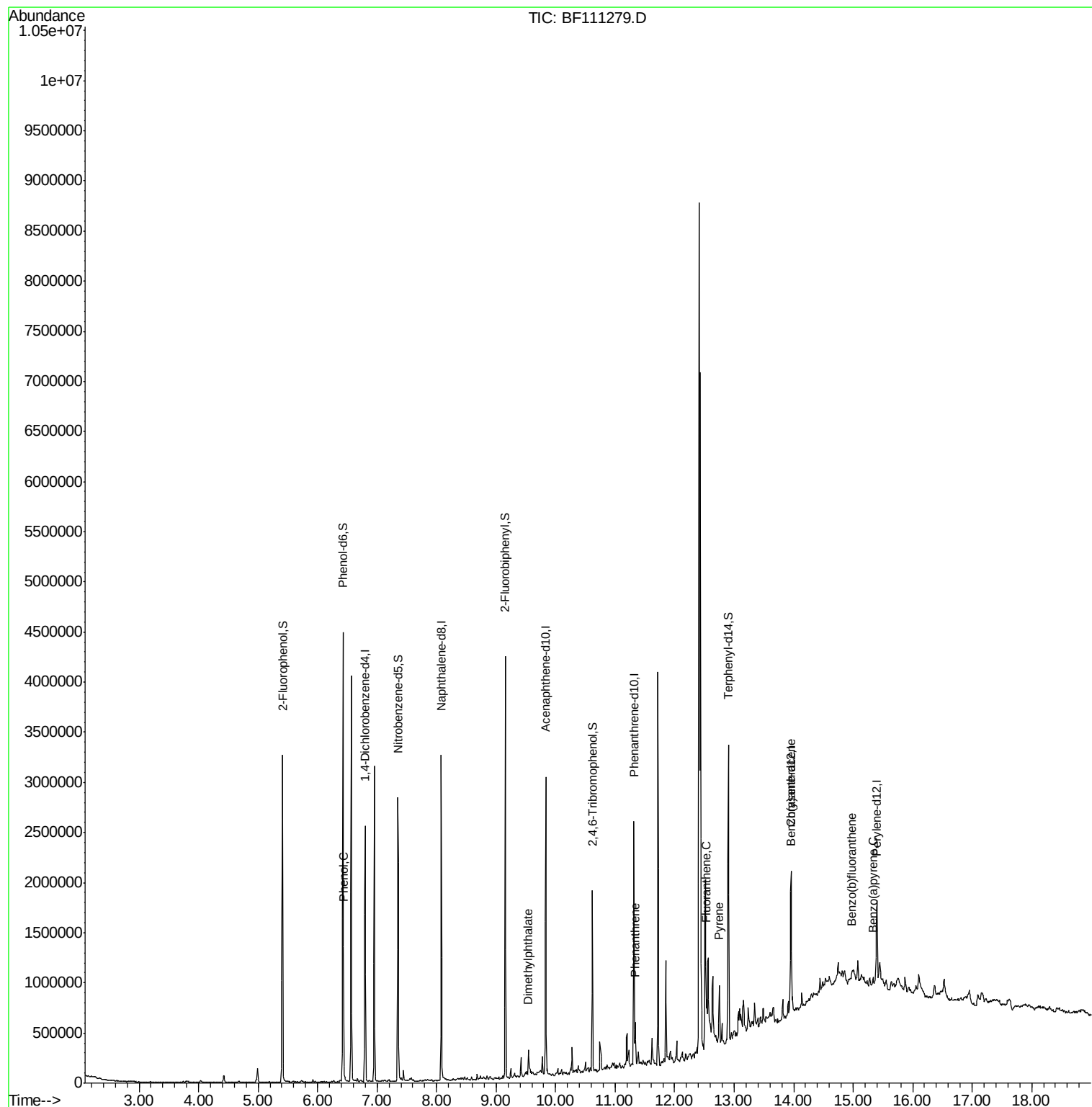
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111279.D
Acq On : 11 Dec 2018 15:26
Operator : JU/SJ
Sample : J6197-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

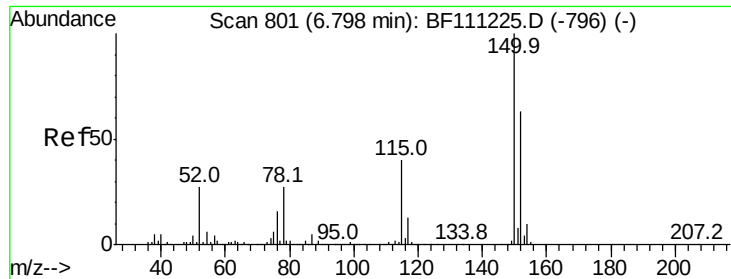
Instrument :
BNA_F
ClientSampleId :
PL-02-120718

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Quant Time: Dec 11 17:39:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

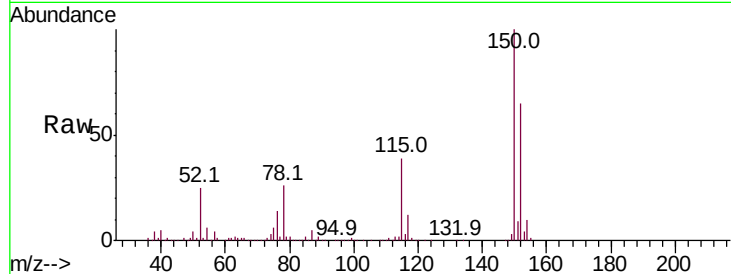
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.6	189.8
115	60.6	50.7	76.1

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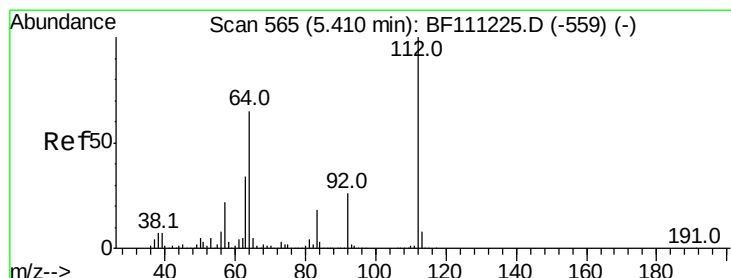
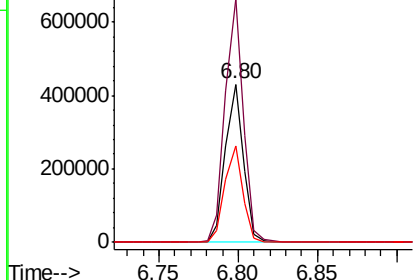
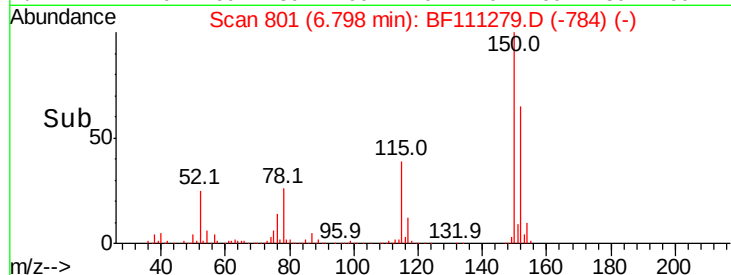


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

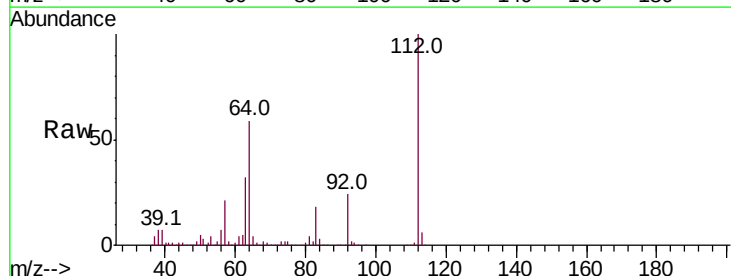
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.958 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	51.8	77.6
63	32.0	26.8	40.2

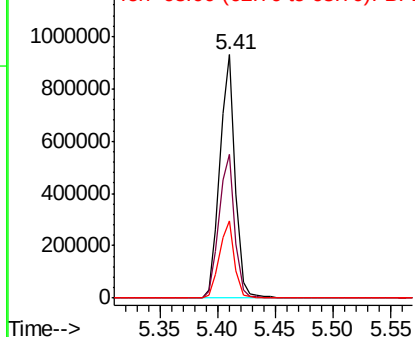
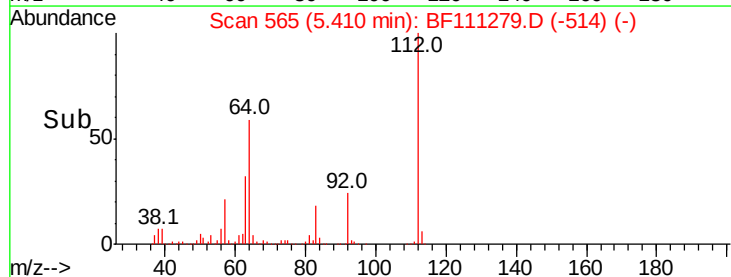


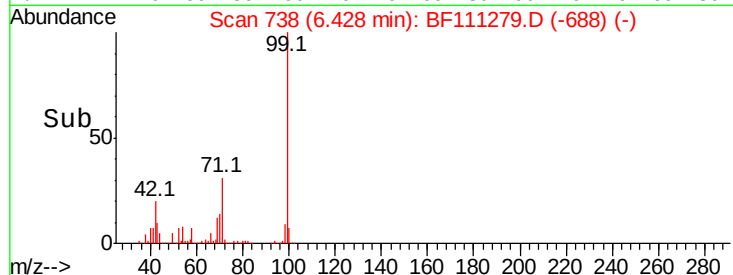
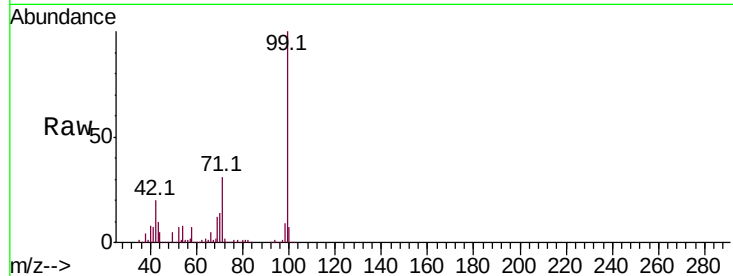
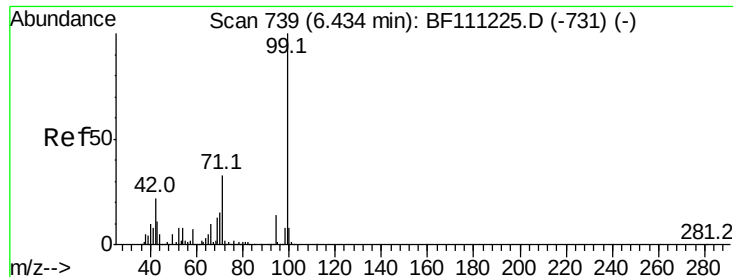
Abundance

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: 54.250 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111279.D

Acq: 11 Dec 2018 15:26

Tot Ion: 99 Resp: 1456409

Ion Ratio Lower Upper

99 100

42 19.8 17.4 26.0

71 30.7 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

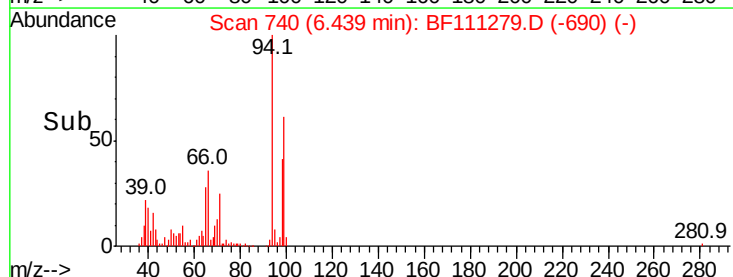
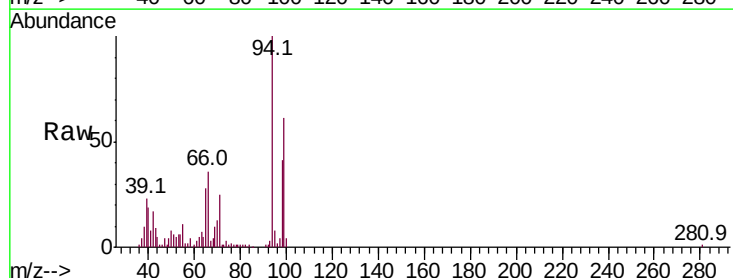
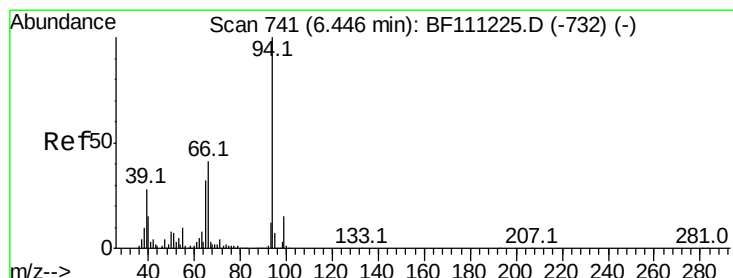
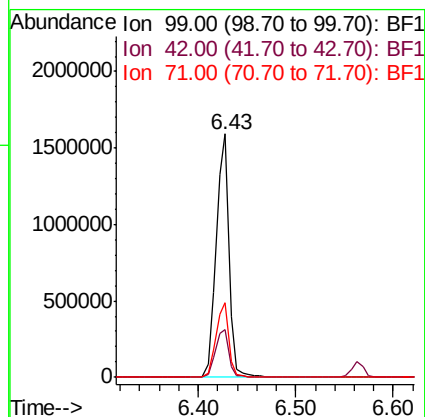
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#10

Phenol

Concen: 2.229 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111279.D

Acq: 11 Dec 2018 15:26

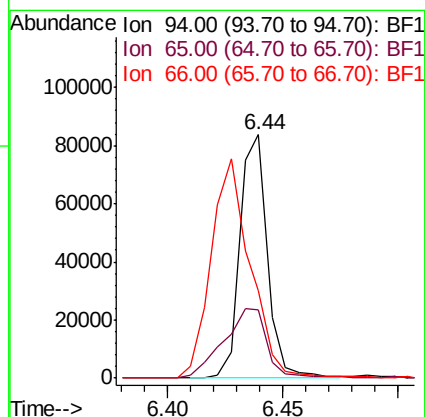
Tgt Ion: 94 Resp: 69961

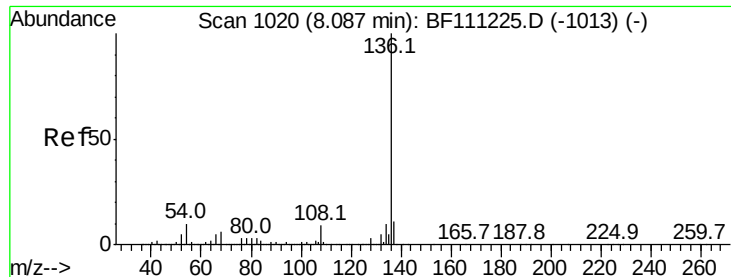
Ion Ratio Lower Upper

94 100

65 27.9 11.7 51.7

66 36.1 21.0 61.0





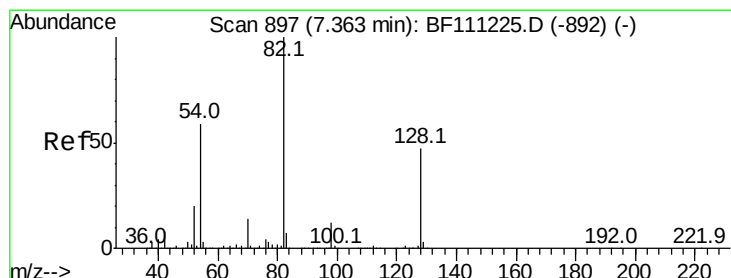
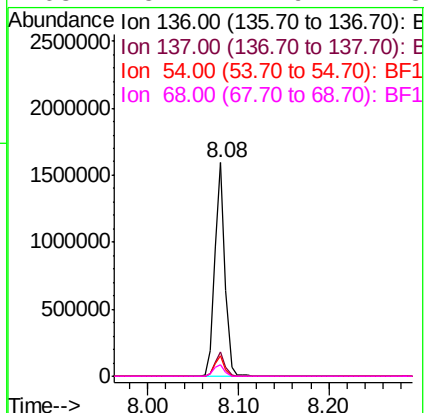
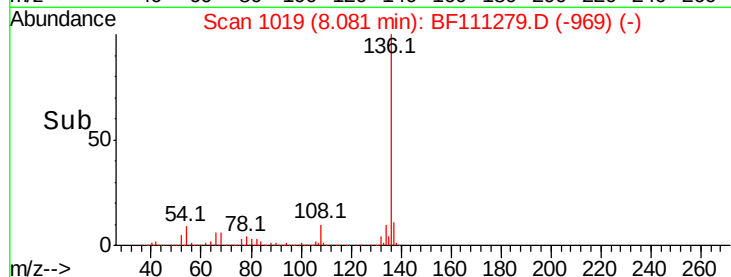
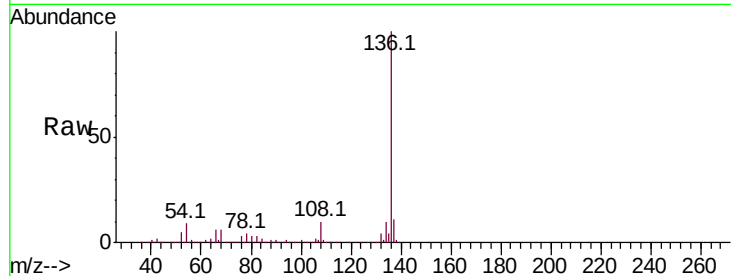
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.5	7.7	11.5
68	5.7	4.9	7.3

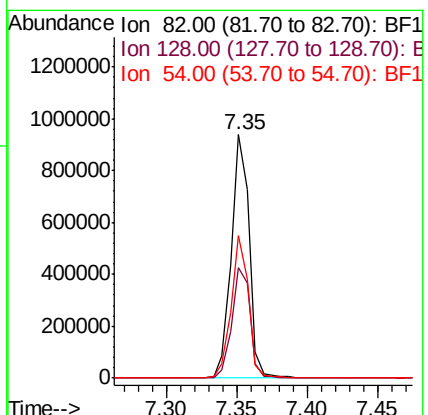
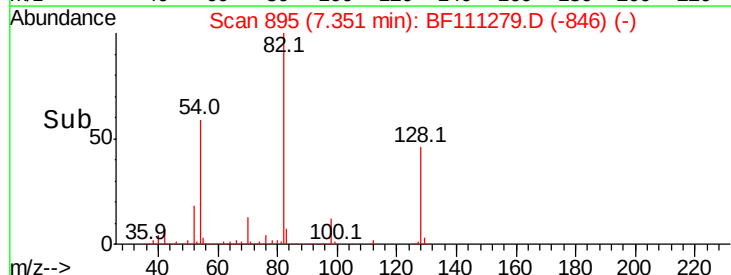
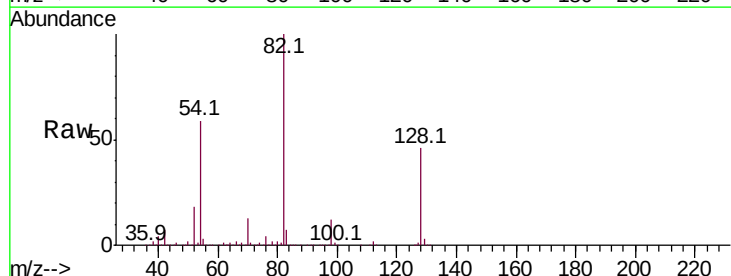
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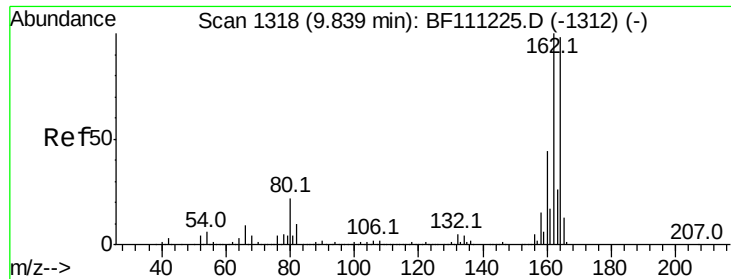
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#23
Nitrobenzene-d5
Concen: 37.305 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.4	56.2
54	58.6	47.6	71.4





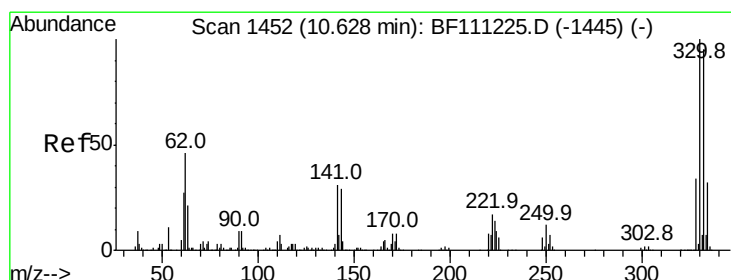
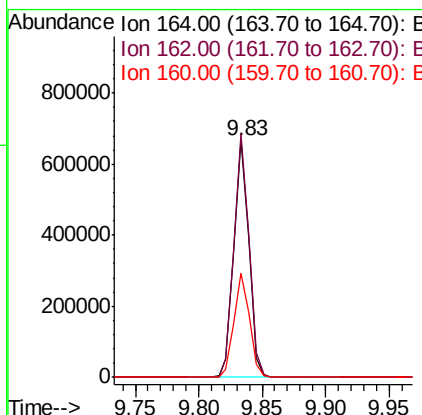
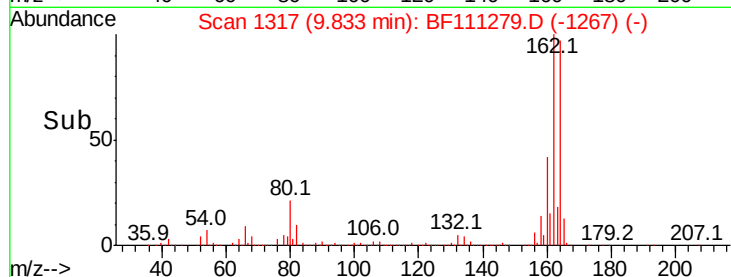
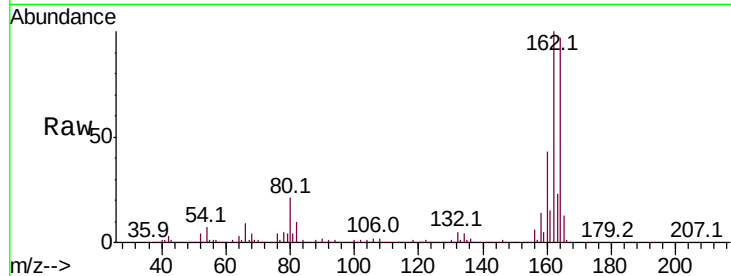
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	81.4	122.0	
160	43.7	35.7	53.5	

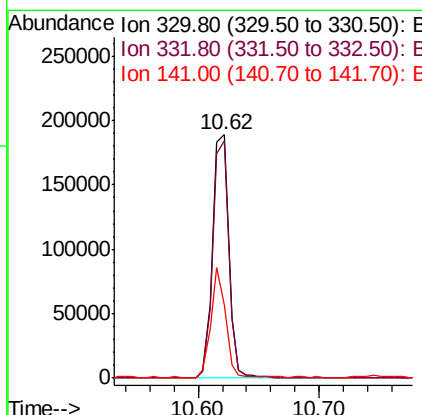
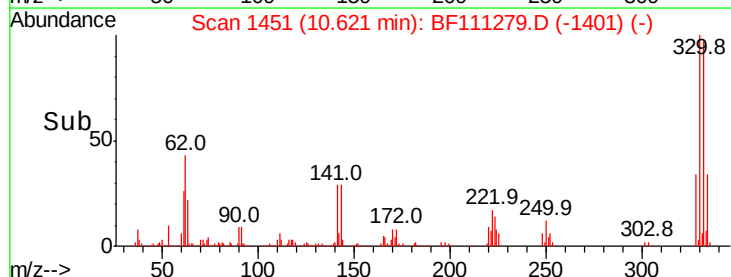
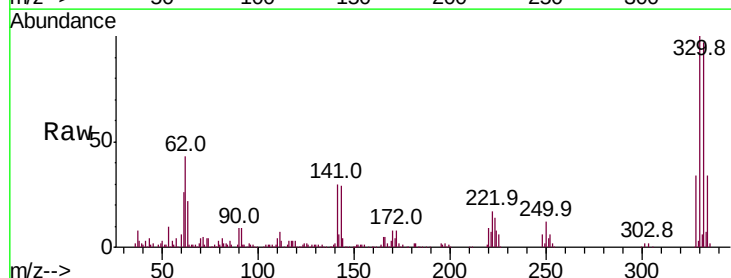
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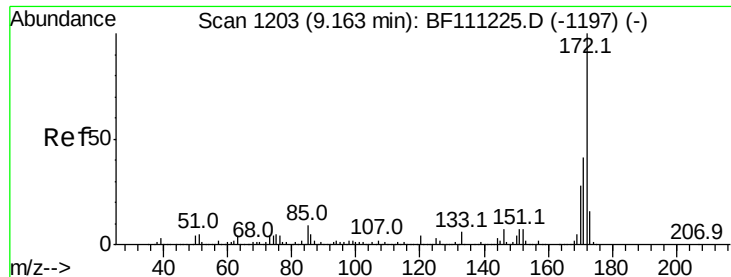
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#42
2,4,6-Tribromophenol
Concen: 36.874 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	76.0	114.0	
141	39.3	31.0	46.6	





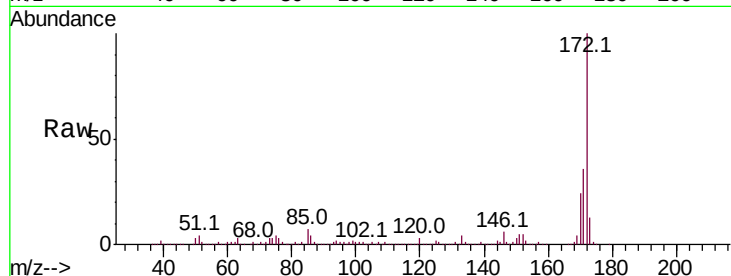
#45
2-Fluorobiphenyl
Concen: 29.844 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :
PL-02-120718

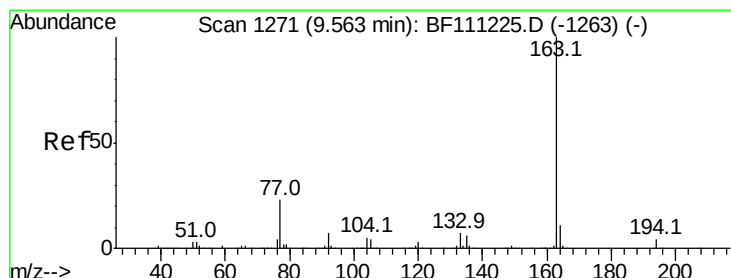
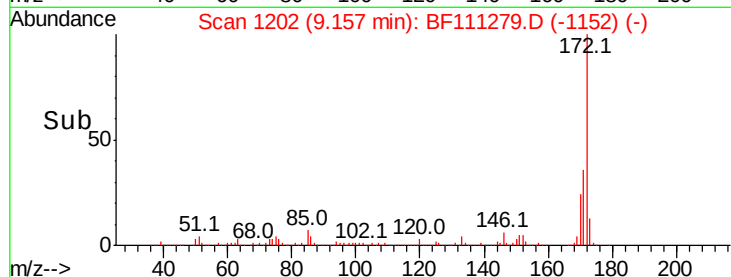
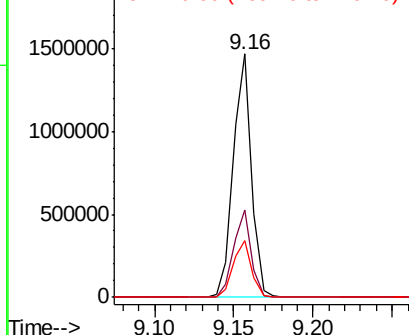
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	23.5	22.3	33.5

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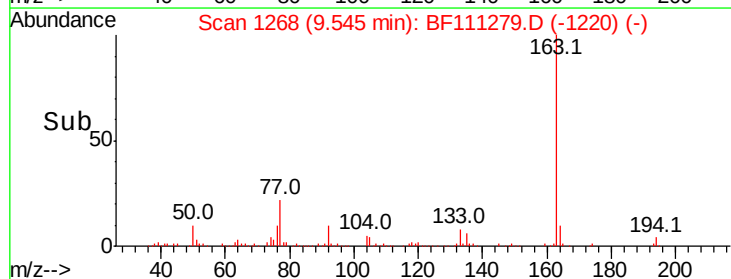
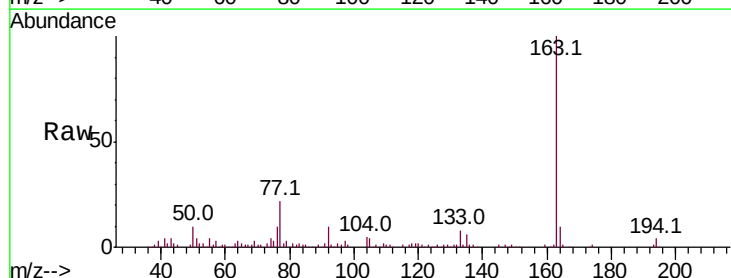
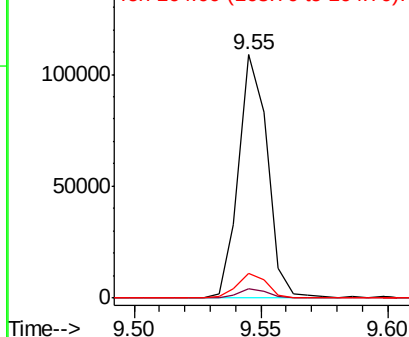
Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

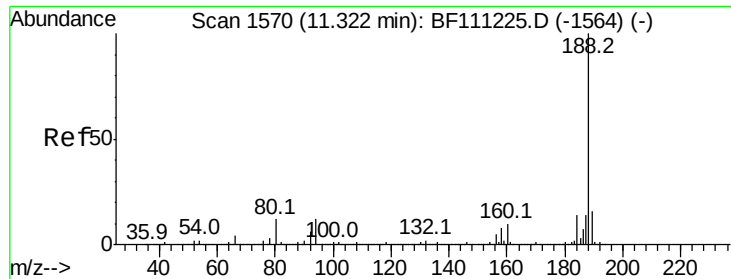


#50
Dimethylphthalate
Concen: 2.177 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.1	8.9	13.3

Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





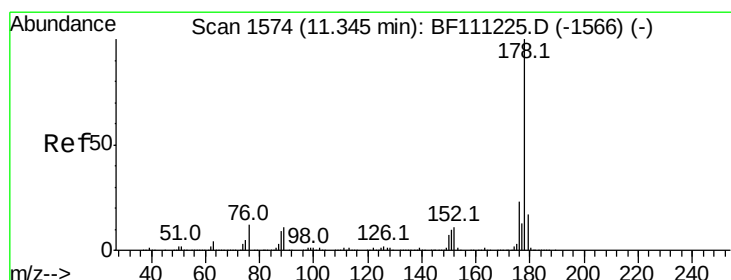
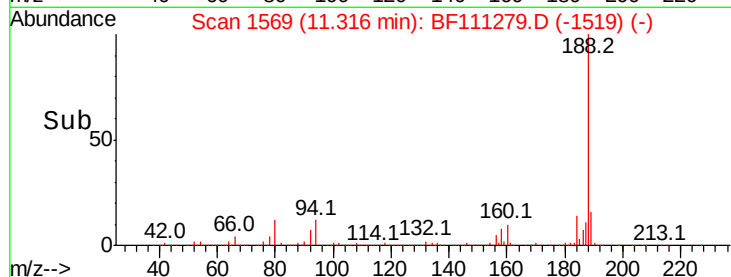
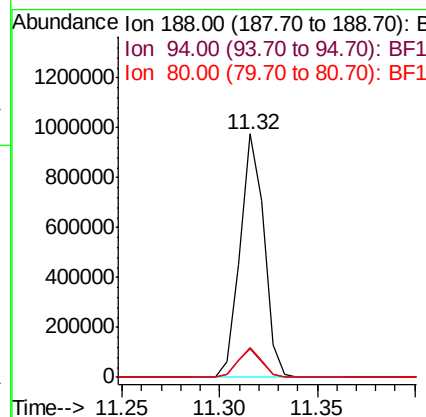
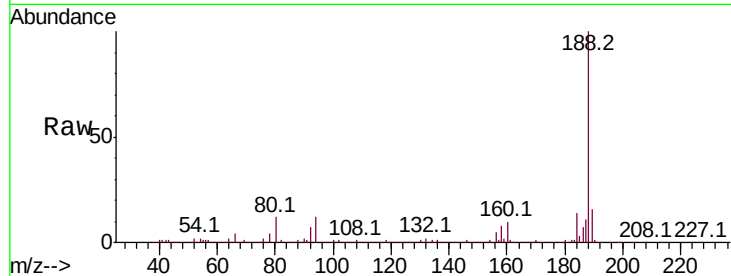
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.0		9.6	14.4
80	12.2		9.8	14.6

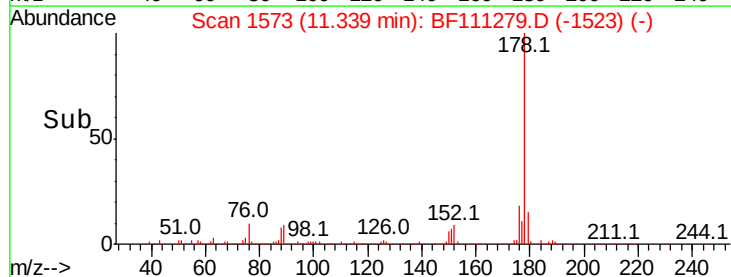
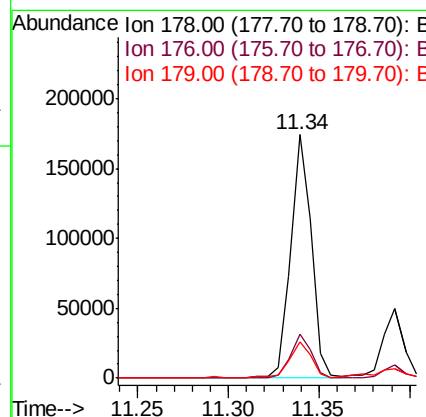
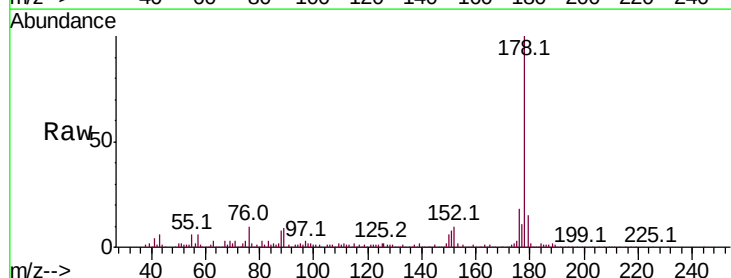
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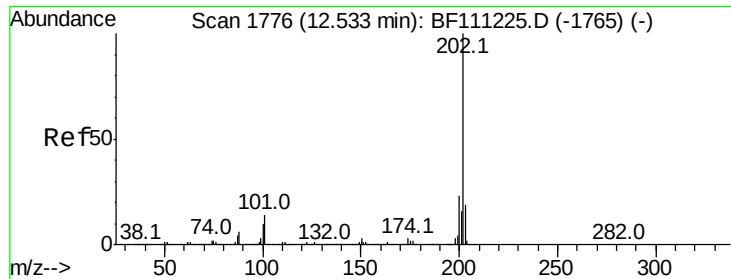
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#71
Phenanthrene
Concen: 3.313 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.2		18.1	27.1
179	15.1		14.0	21.0





#75

Fluoranthene

Concen: 4.196 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF111279.D

Acq: 11 Dec 2018 15:26

Instrument :

BNA_F

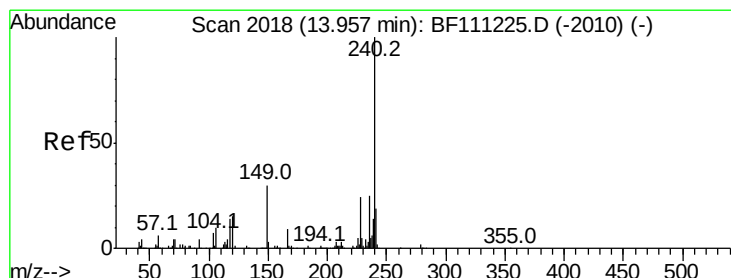
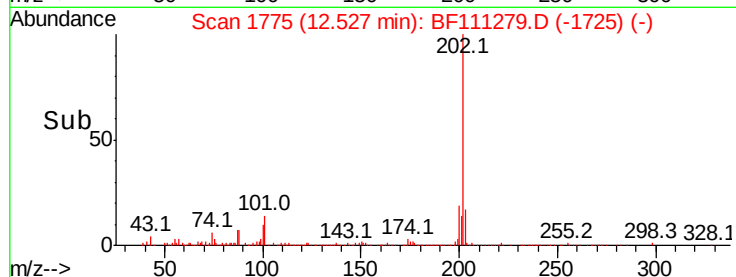
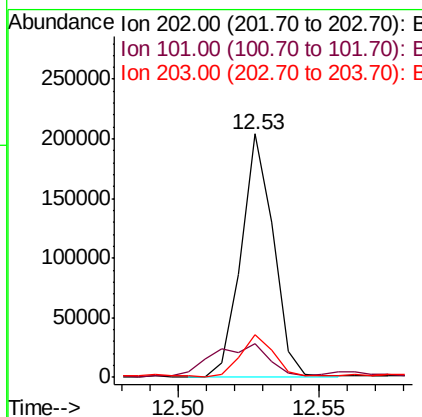
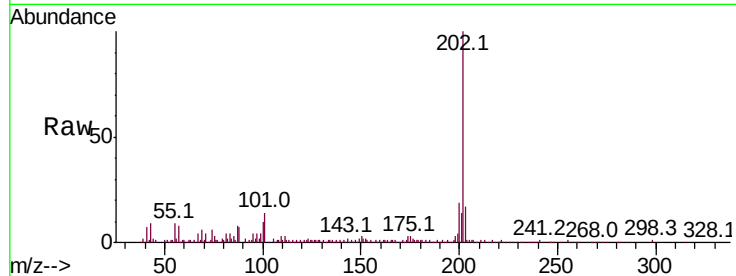
ClientSampled :

PL-02-120718

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	0.0	33.8
203	17.5	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

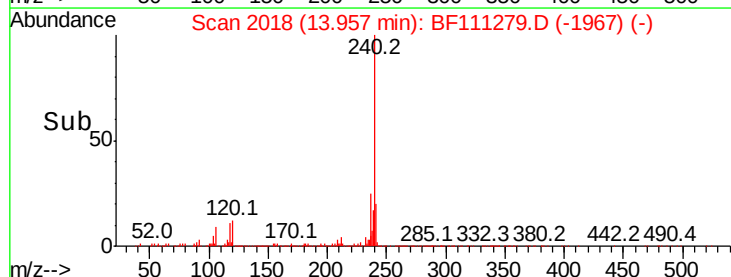
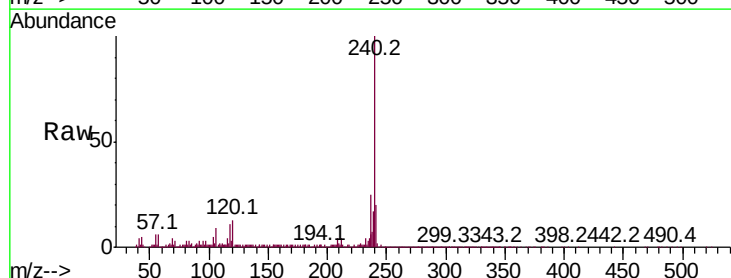
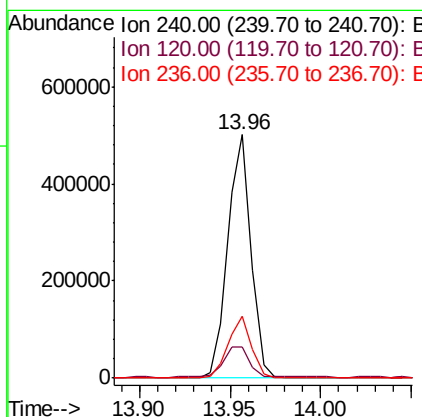
RT: 13.96 min Scan# 2018

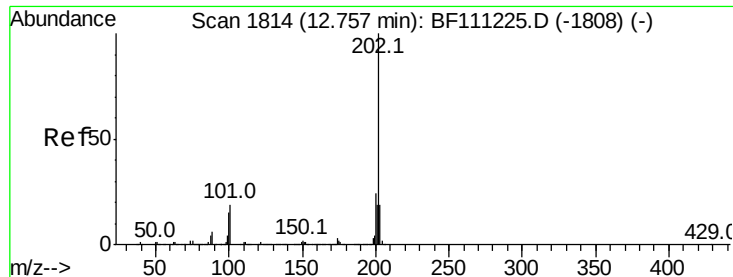
Delta R.T. -0.00 min

Lab File: BF111279.D

Acq: 11 Dec 2018 15:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.8	12.2	18.2
236	25.5	20.2	30.2





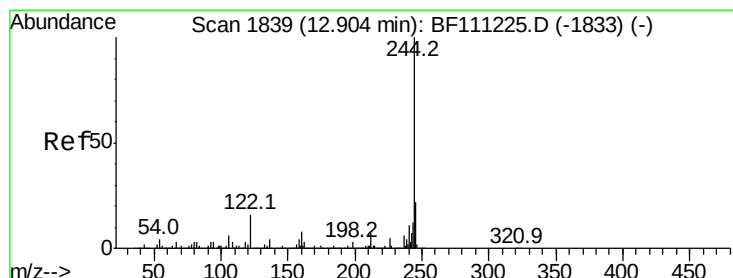
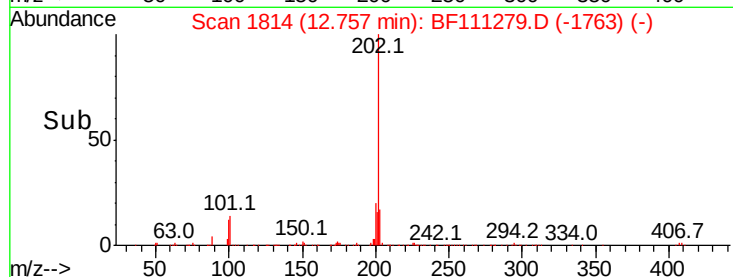
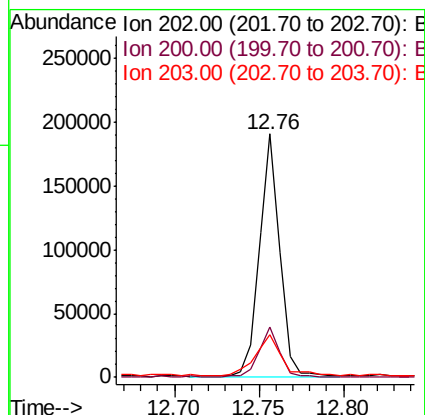
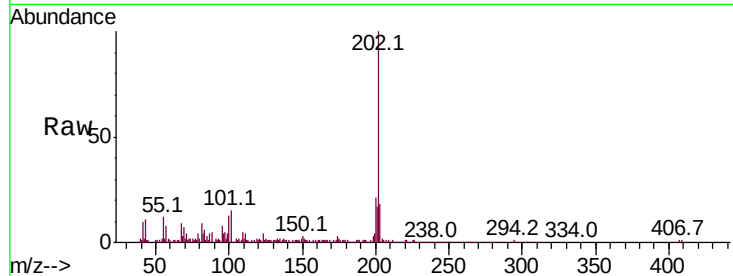
#78
Pvrene
Concen: 5.004 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	19.0	28.4
203	17.6	15.2	22.8

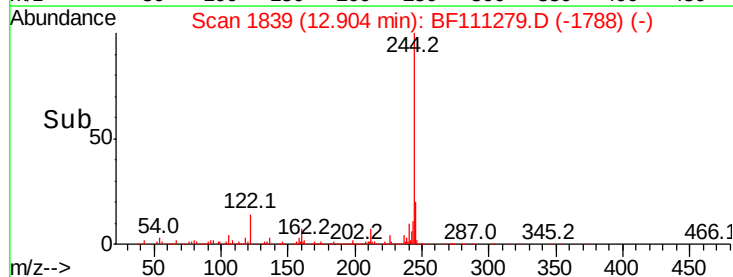
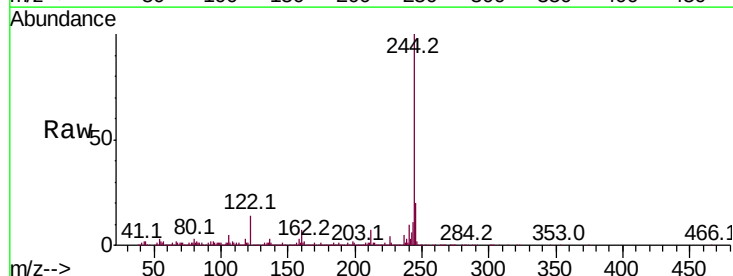
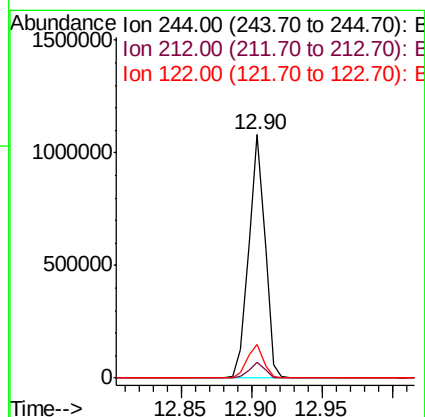
Manual Integrations
APPROVED

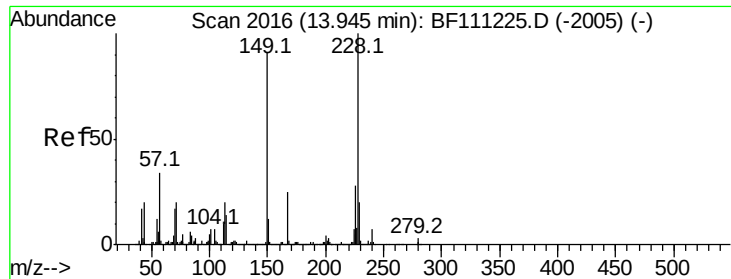
Sohil
12/12/2018 5:30:07 PM



#79
Terphenyl-d14
Concen: 46.930 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.7	8.5
122	13.8	13.1	19.7





#81

Benzo(a)anthracene

Concen: 2.305 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111279.D

Acq: 11 Dec 2018 15:26

Instrument :

BNA_F

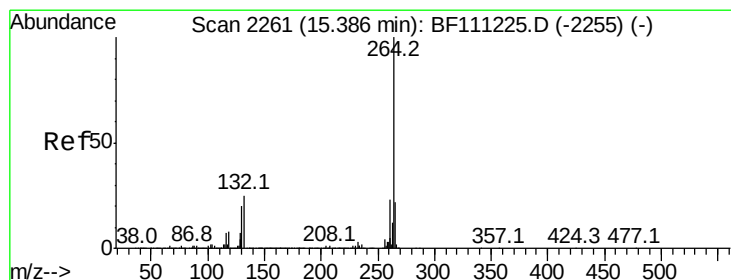
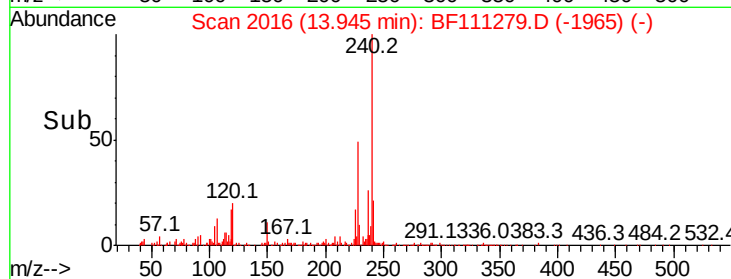
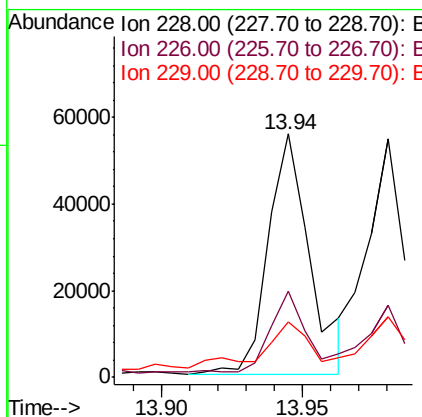
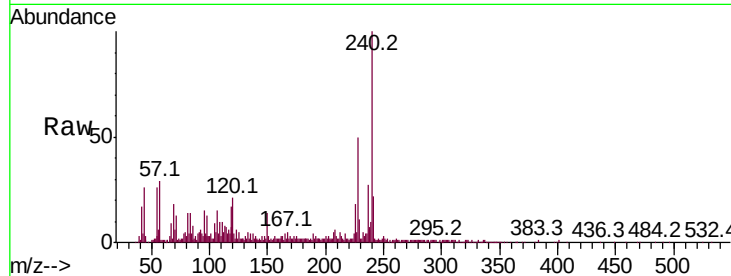
ClientSampleId :

PL-02-120718

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.4	22.6	34.0#
229	22.9	16.3	24.5

Manual Integrations
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12/12/2018 5:30:07 PM



#87

Perylene-d12

Concen: 20.000 ng

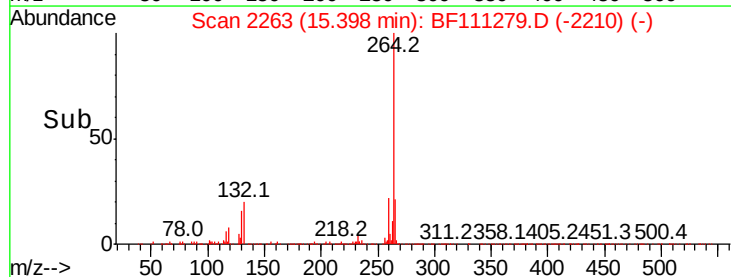
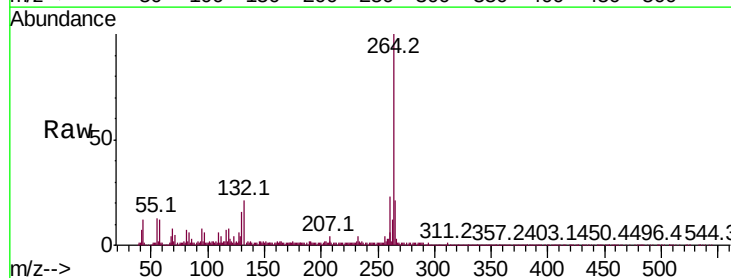
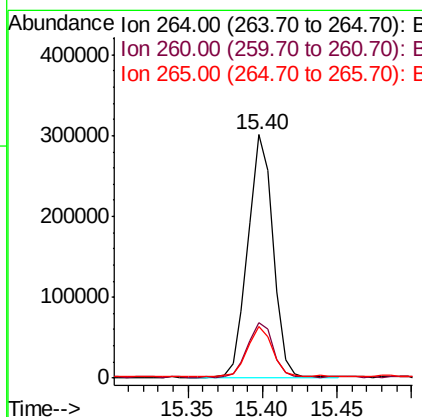
RT: 15.40 min Scan# 2263

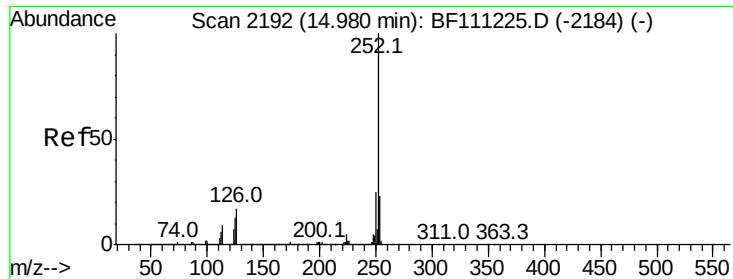
Delta R.T. 0.01 min

Lab File: BF111279.D

Acq: 11 Dec 2018 15:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.4	17.7	26.5





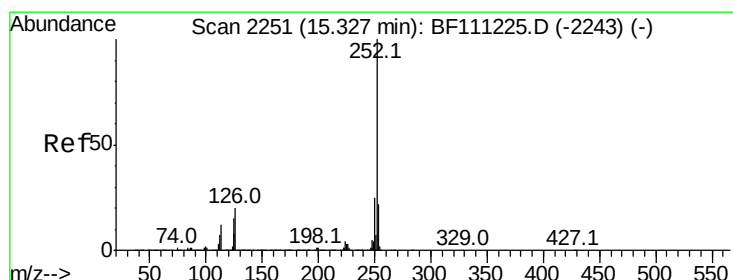
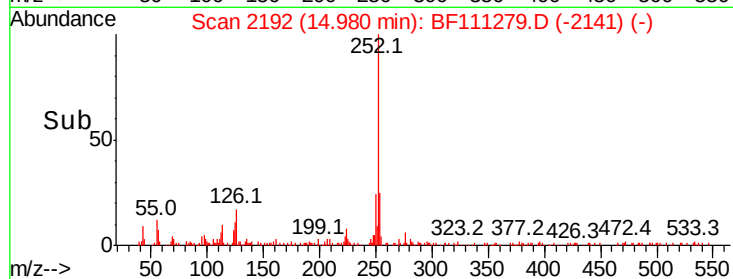
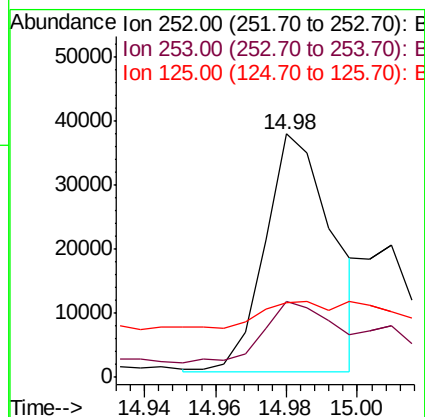
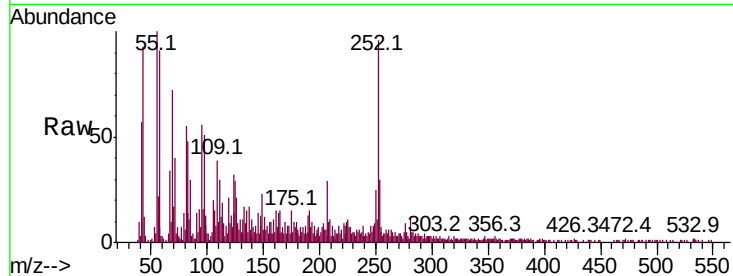
#88
Benzo(b)fluoranthene
Concen: 2.552 ng m
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Instrument :
BNA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.0	18.2	27.2#
125	30.7	10.4	15.6#

Manual Integrations
APPROVED

Sohil
12/12/2018 5:30:07 PM



#90
Benzo(a)pyrene
Concen: 2.126 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111279.D
Acq: 11 Dec 2018 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	33.8	12.3	18.5#

