

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111431.D
 Acq On : 14 Dec 2018 20:57
 Operator : JU/SJ
 Sample : J6199-05 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-A

Manual Integrations
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 12/17/2018 2:36:47 PM

Quant Time: Dec 14 22:34:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	174609	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	658006	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	260567	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	366230	20.00	ng	0.00
76) Chrysene-d12	13.95	240	364234	20.00	ng	0.00
87) Perylene-d12	15.39	264	245872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	490708	46.77	ng	0.00
7) Phenol-d6	6.43	99	612538	43.89	ng	-0.01
23) Nitrobenzene-d5	7.35	82	356020	32.22	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	82311	35.26	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	591108	35.04	ng	0.00
79) Terphenyl-d14	12.90	244	424600	27.37	ng	0.00
Target Compounds						
10) Phenol	6.44	94	39211	2.522	ng	93
50) Dimethylphthalate	9.54	163	46523	2.479	ng	# 98
71) Phenanthrene	11.33	178	41214	2.184	ng	# 90
75) Fluoranthene	12.52	202	75442	4.086	ng	98
78) Pyrene	12.75	202	85243	3.319	ng	98
81) Benzo(a)anthracene	13.94	228	49477	2.498	ng	95
83) Chrysene	13.97	228	44002	2.109	ng	96
88) Benzo(b)fluoranthene	14.97	252	45281m	3.159	ng	
90) Benzo(a)pyrene	15.33	252	32223	2.493	ng	# 86

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

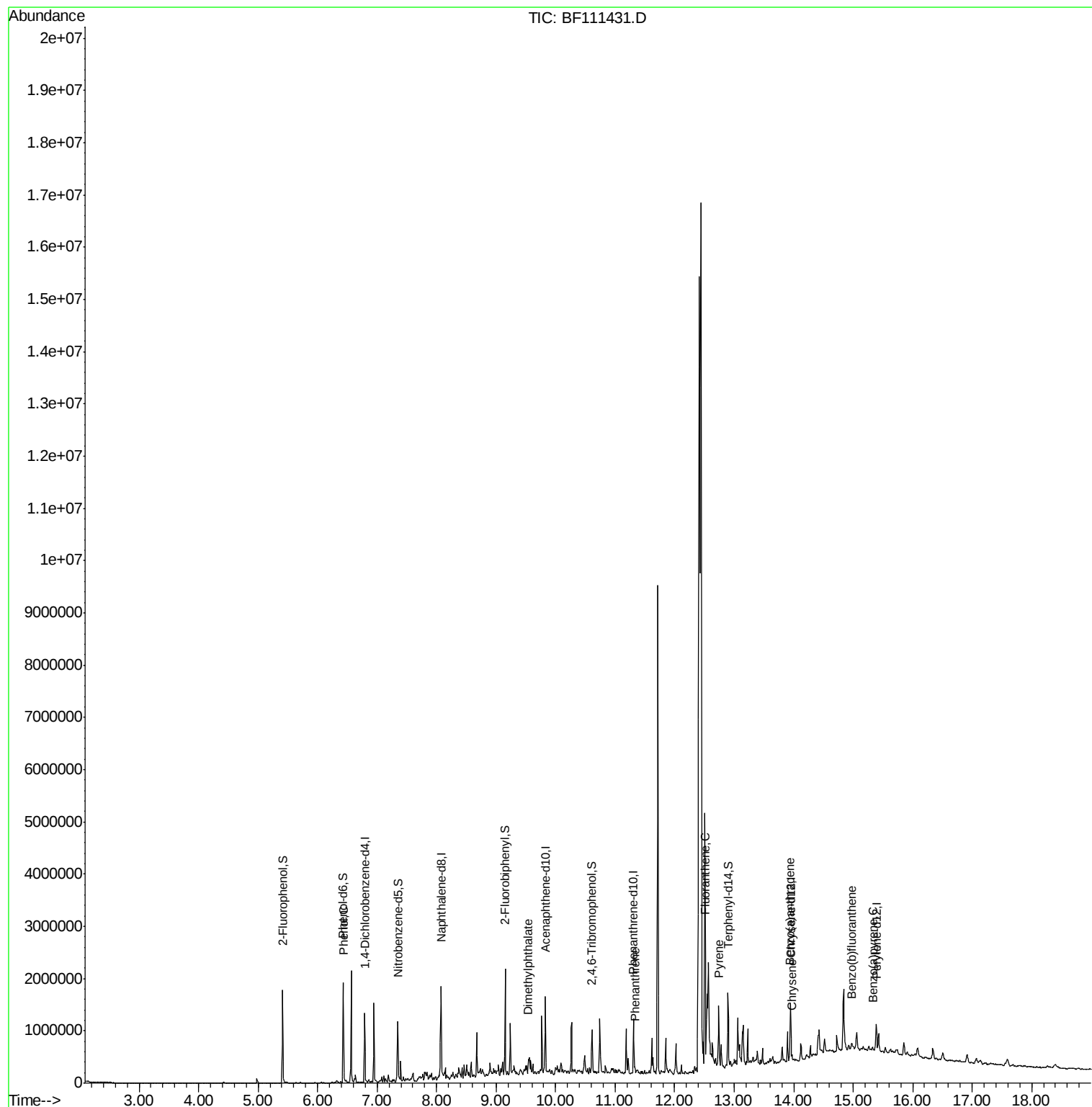
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111431.D
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Operator : JU/SJ
Sample : J6199-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

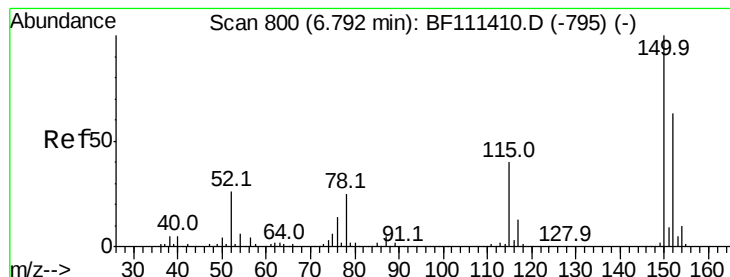
Instrument :
BNA_F
ClientSampleId :
SU-04-121218-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

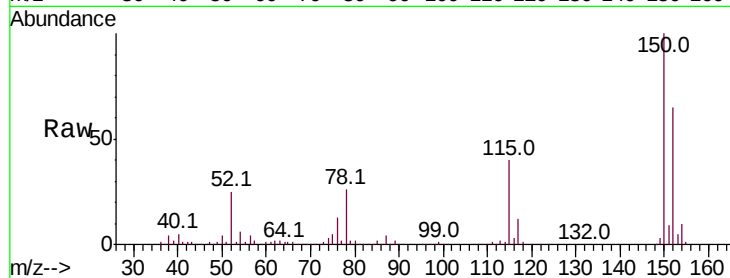
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	61.4	50.7	76.1

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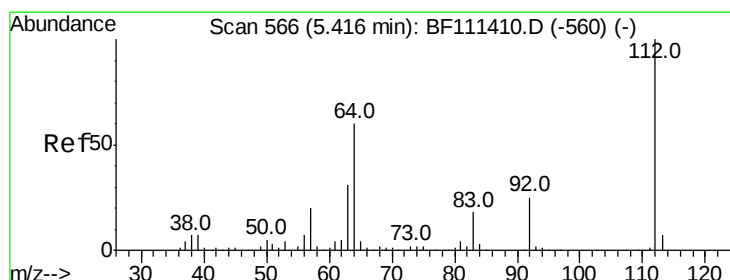
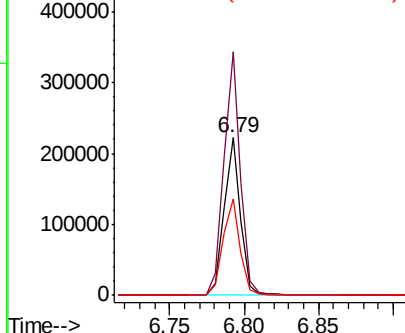
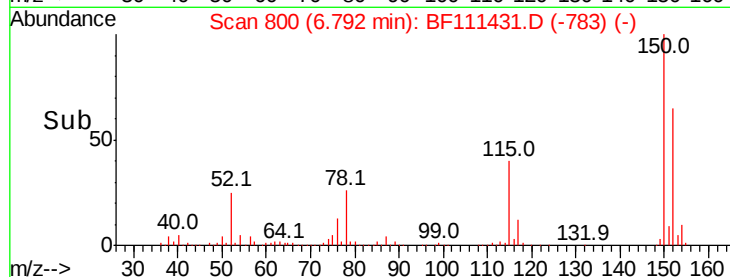


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

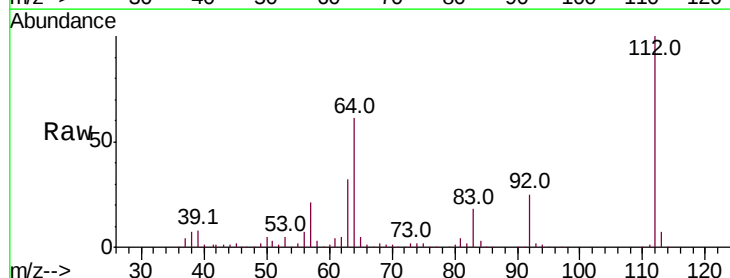
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.765 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	51.8	77.6
63	31.9	26.8	40.2

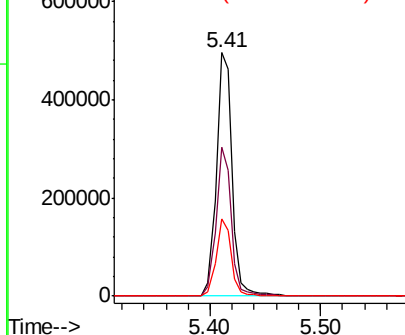
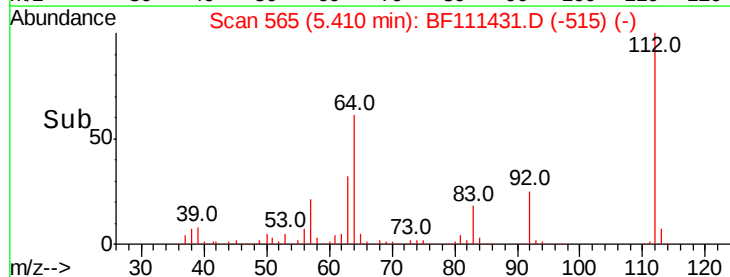


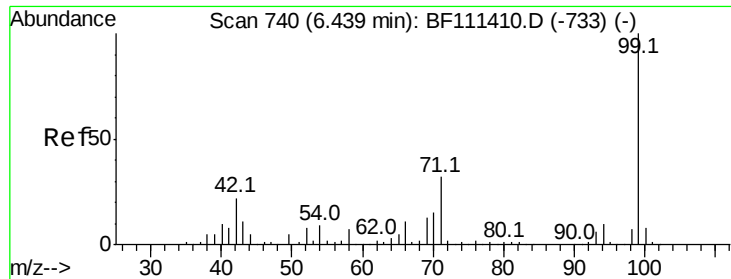
Abundance

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: 43.886 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111431.D

Acq: 14 Dec 2018 20:57

Instrument :

BNA_F

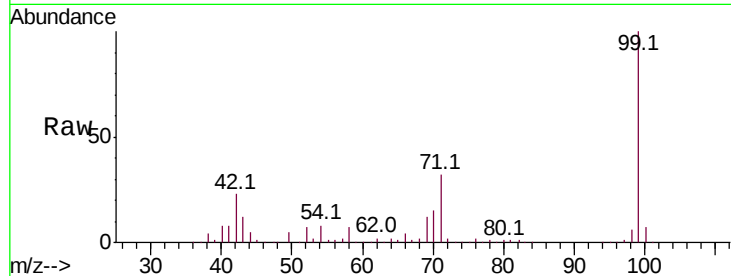
ClientSampleId :

SU-04-121218-A

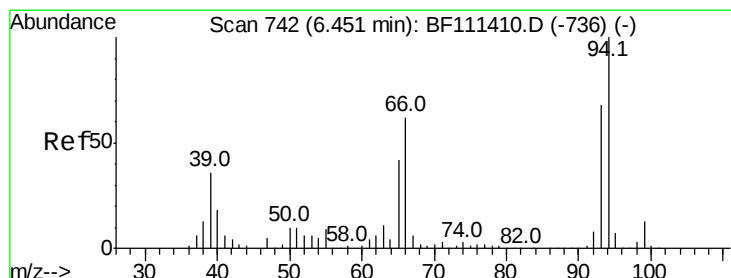
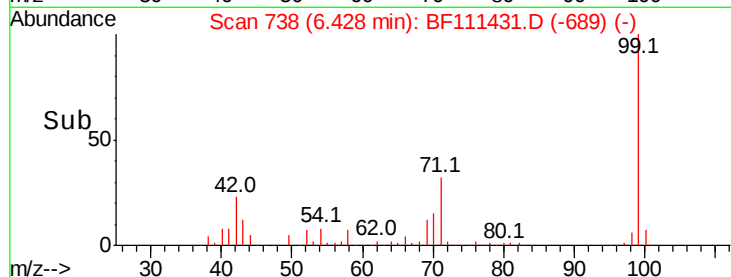
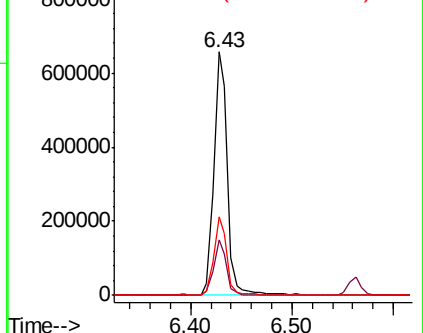
Tot Ion	99	Resp	612538
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.0
71	32.2	26.1	39.1

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.522 ng

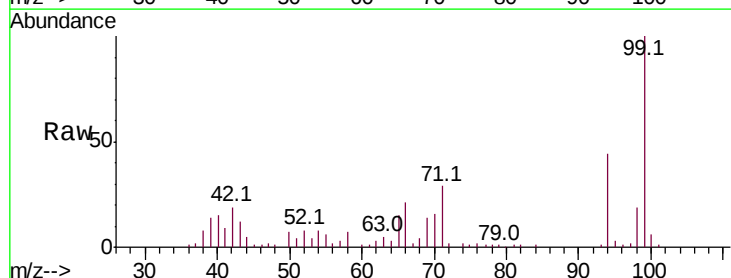
RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

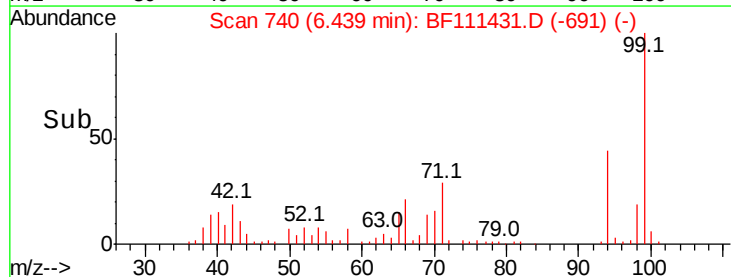
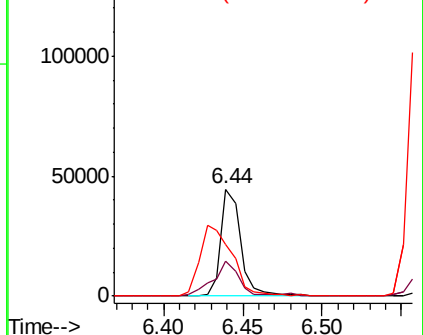
Lab File: BF111431.D

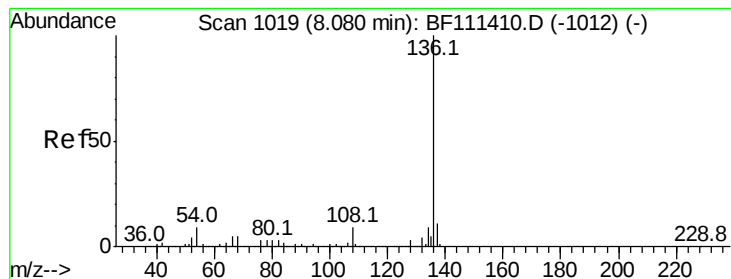
Acq: 14 Dec 2018 20:57

Tgt Ion	94	Resp	39211
Ion	Ratio	Lower	Upper
94	100		
65	33.2	11.7	51.7
66	47.8	21.0	61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





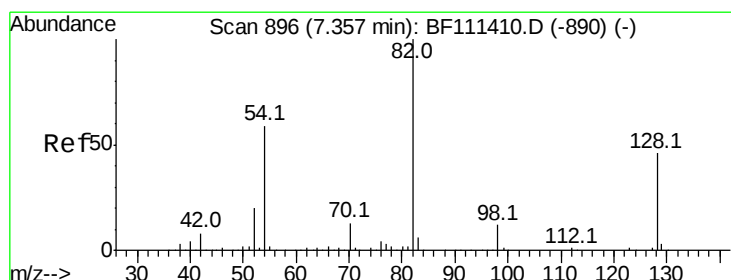
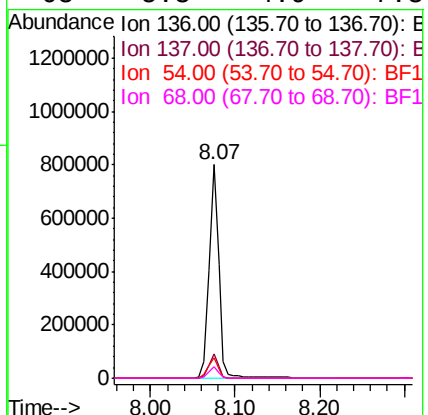
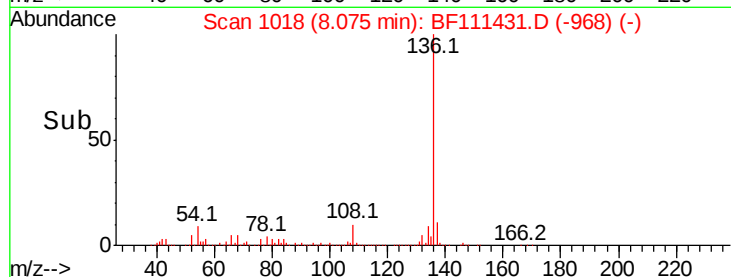
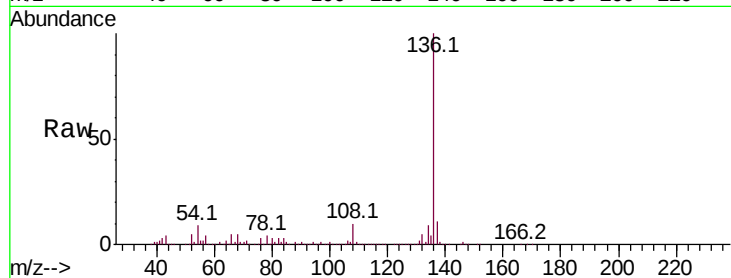
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	9.4	7.7	11.5	
68	5.3	4.9	7.3	

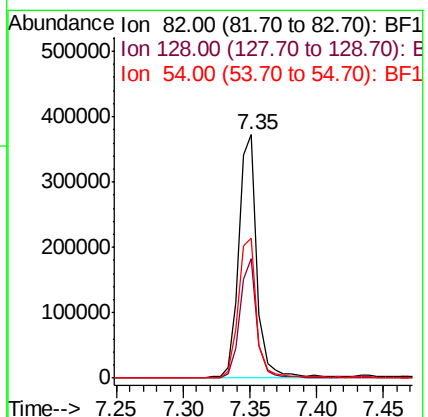
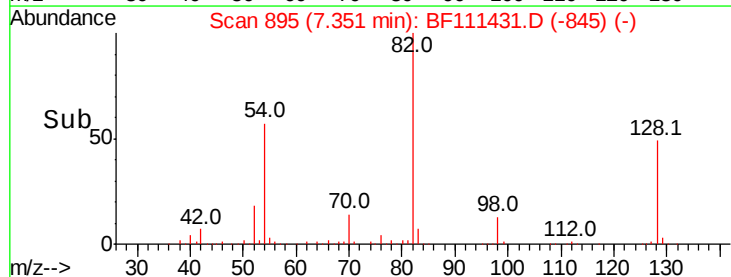
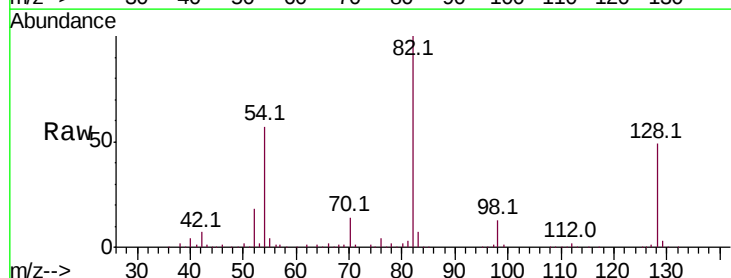
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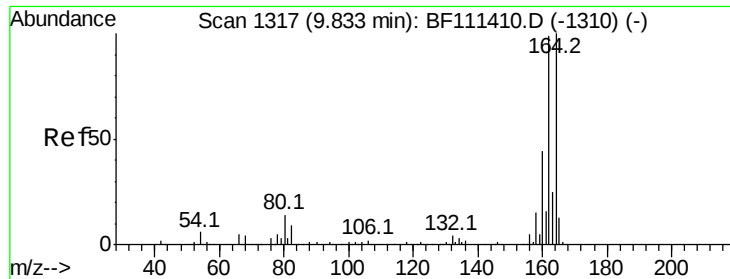
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#23
Nitrobenzene-d5
Concen: 32.219 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.0	37.4	56.2	
54	57.3	47.6	71.4	





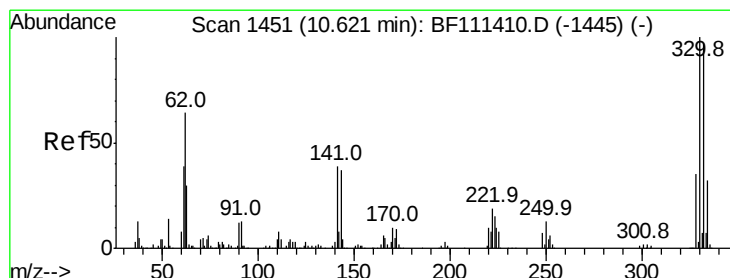
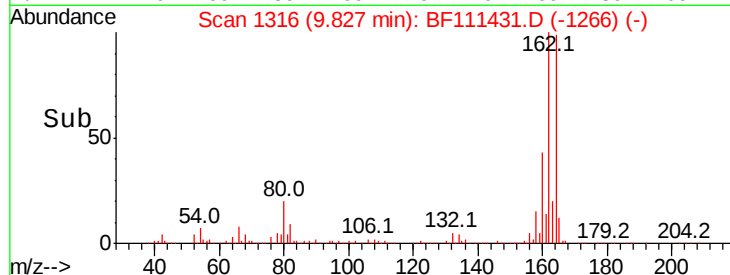
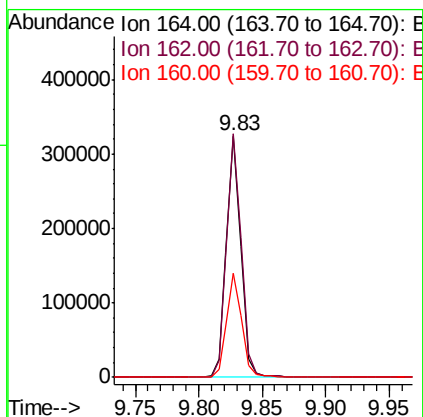
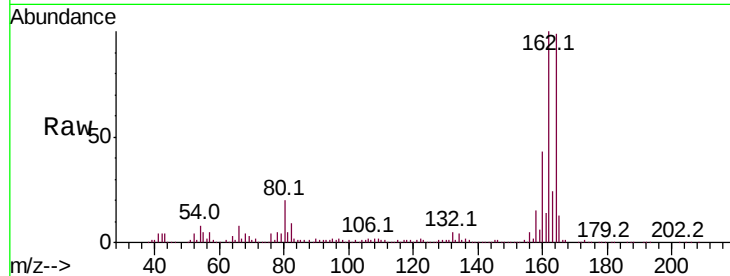
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111431.D
 Acq: 14 Dec 2018 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	81.4	122.0	
160	42.9	35.7	53.5	

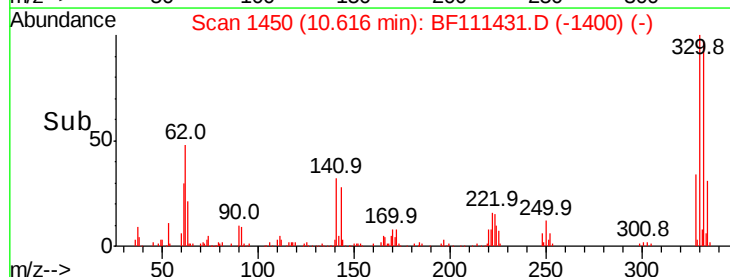
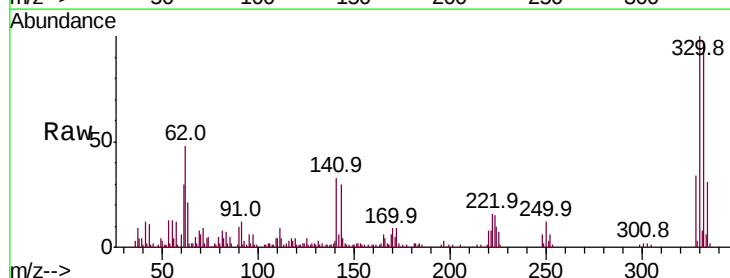
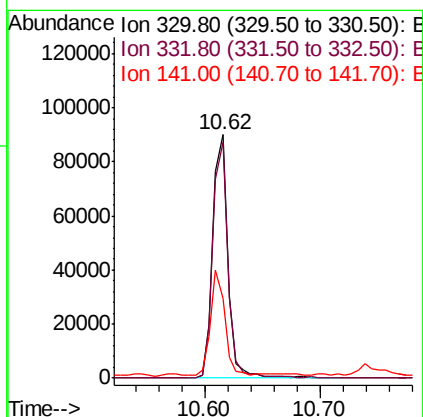
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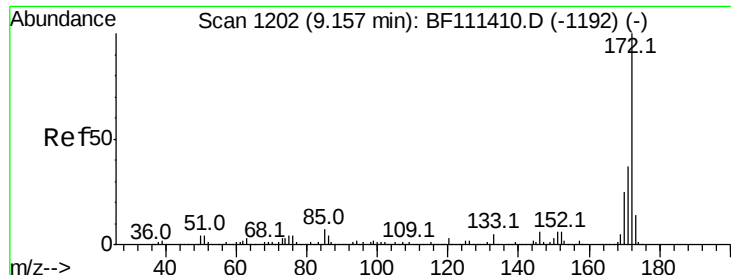
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#42
 2,4,6-Tribromophenol
 Concen: 35.264 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111431.D
 Acq: 14 Dec 2018 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	76.0	114.0	
141	39.9	31.0	46.6	





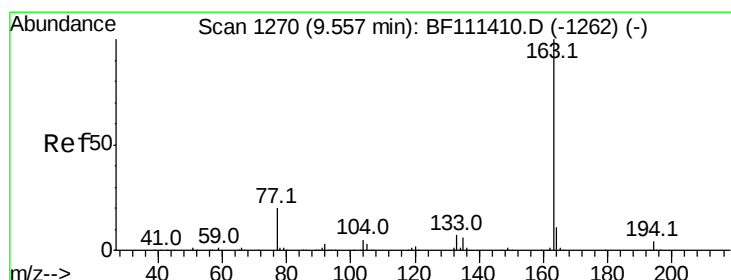
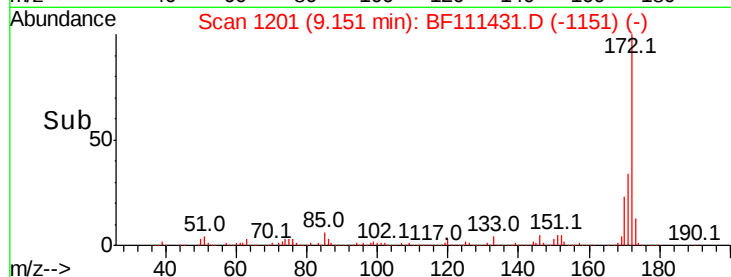
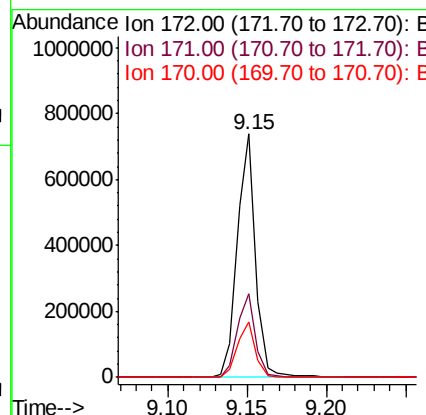
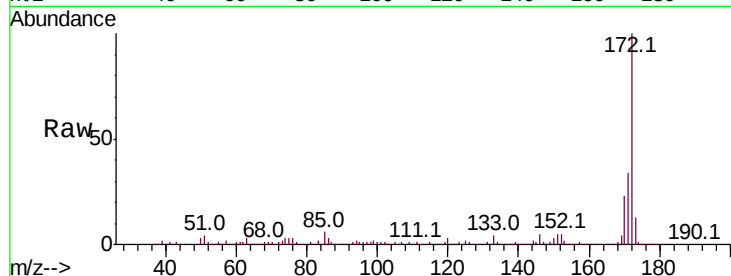
#45
2-Fluorobiphenyl
Concen: 35.041 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	591108		
171	34.1		33.0	49.4
170	22.9		22.3	33.5

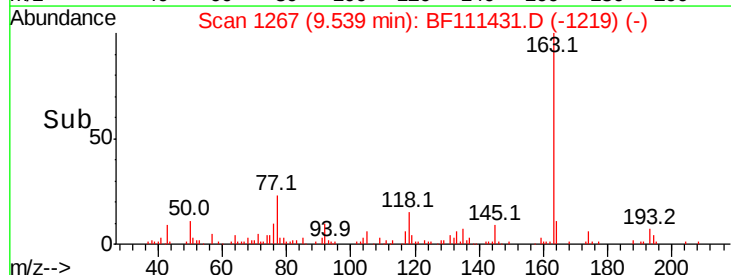
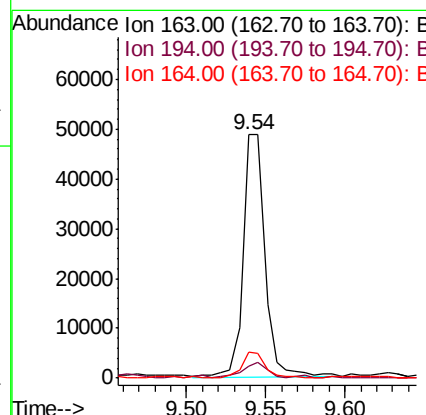
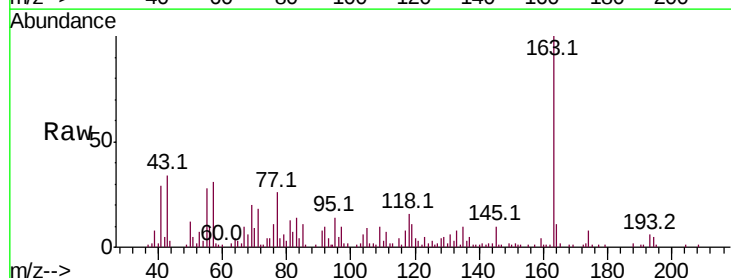
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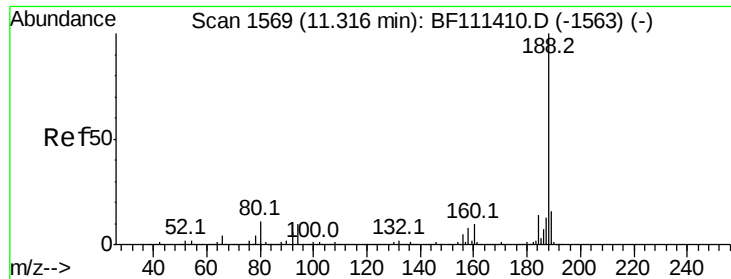
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#50
Dimethylphthalate
Concen: 2.479 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	46523		
194	4.8		3.0	4.6#
164	10.5		8.9	13.3





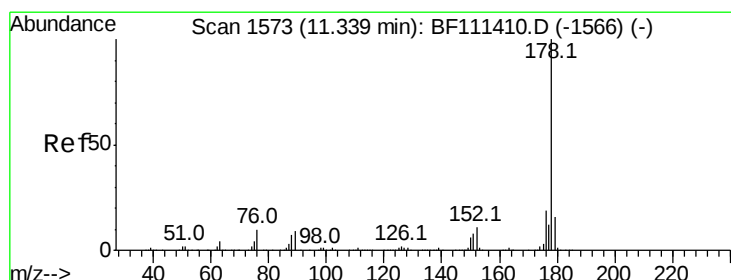
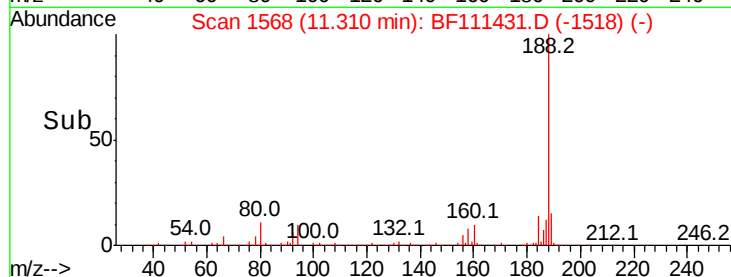
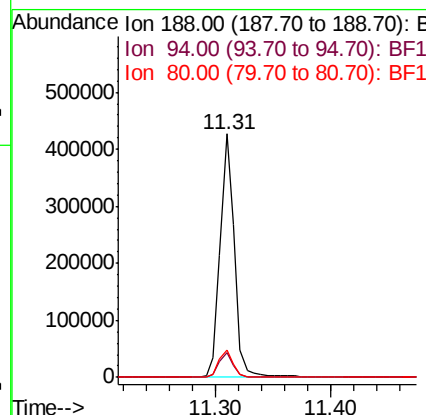
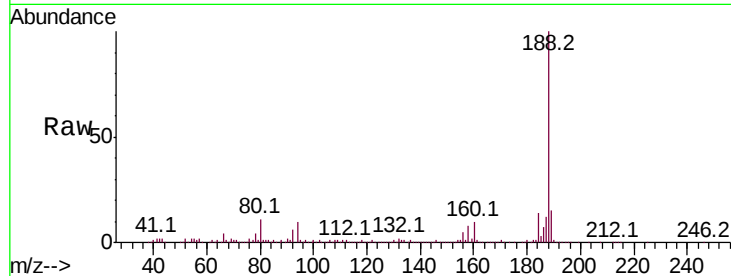
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	366230		
94	10.0		9.6	14.4
80	11.2		9.8	14.6

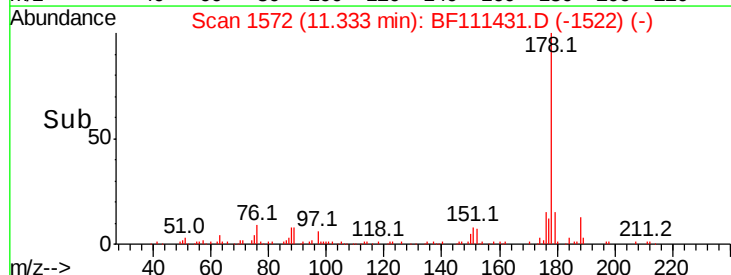
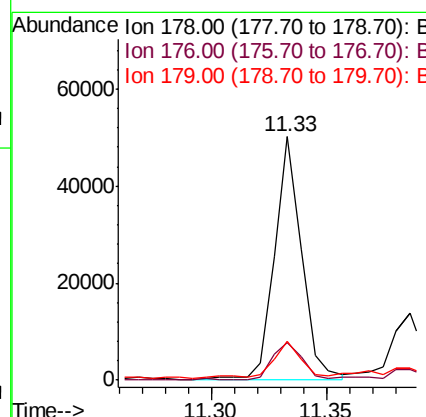
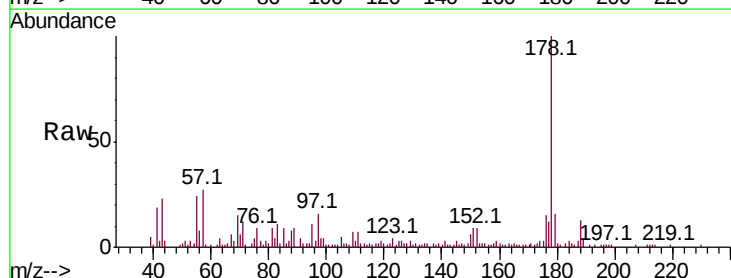
Manual Integrations
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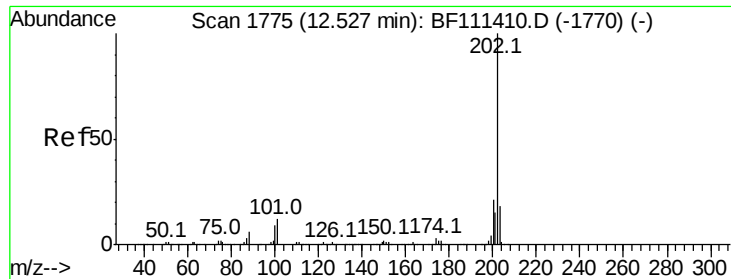
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#71
Phenanthrene
Concen: 2.184 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	41214		
176	15.3		18.1	27.1#
179	15.9		14.0	21.0





#75

Fluoranthene

Concen: 4.086 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111431.D

Acq: 14 Dec 2018 20:57

Instrument :

BNA_F

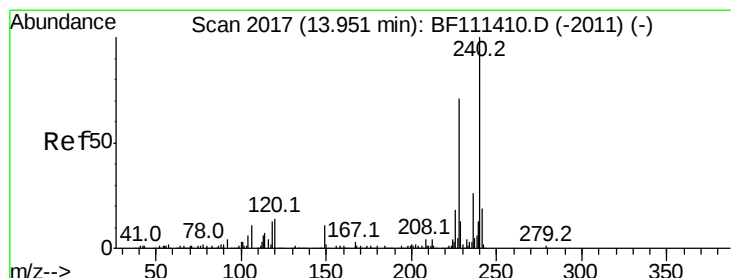
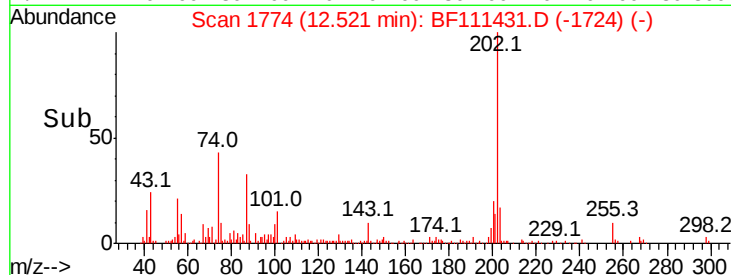
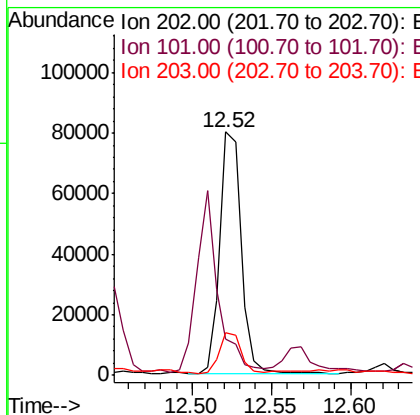
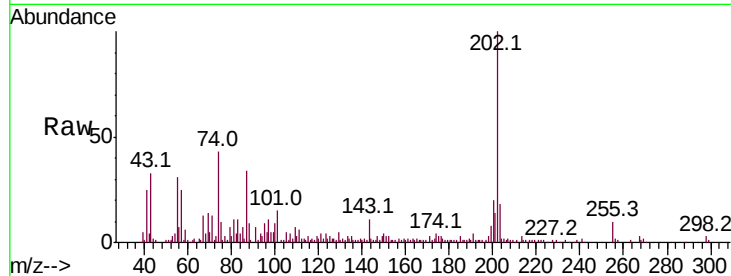
ClientSampleId :

SU-04-121218-A

Tot Ion:	202	Resp:	75442
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	33.8
203	17.7	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

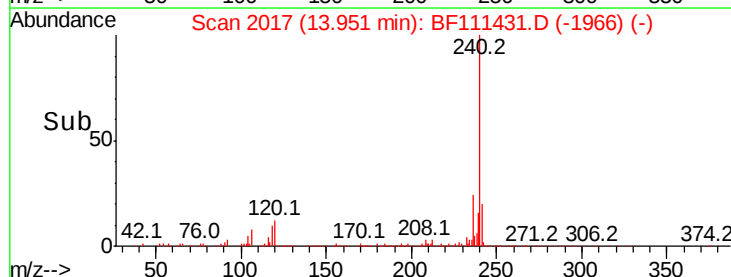
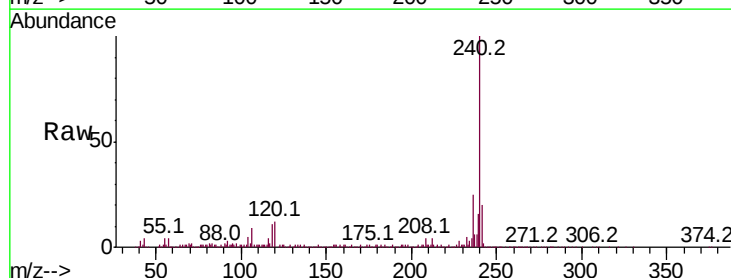
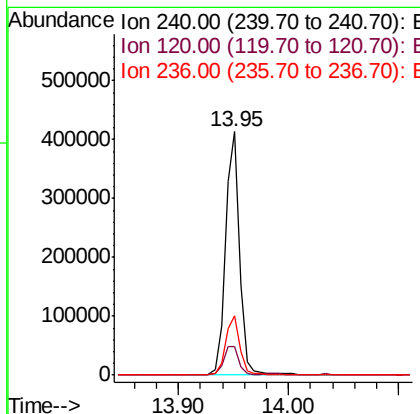
RT: 13.95 min Scan# 2017

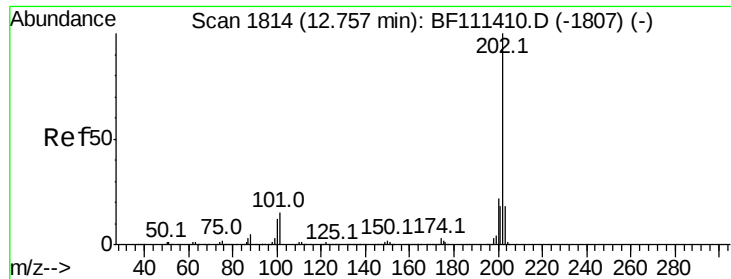
Delta R.T. -0.00 min

Lab File: BF111431.D

Acq: 14 Dec 2018 20:57

Tgt Ion:	240	Resp:	364234
Ion Ratio	Lower	Upper	
240	100		
120	11.8	12.2	18.2#
236	24.6	20.2	30.2





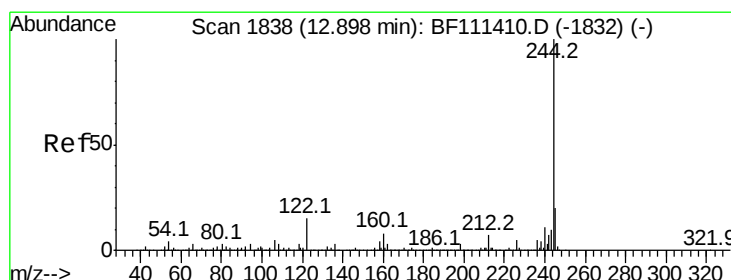
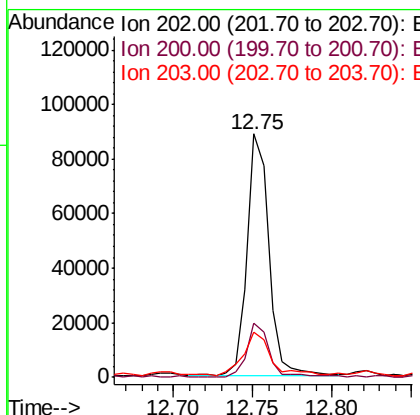
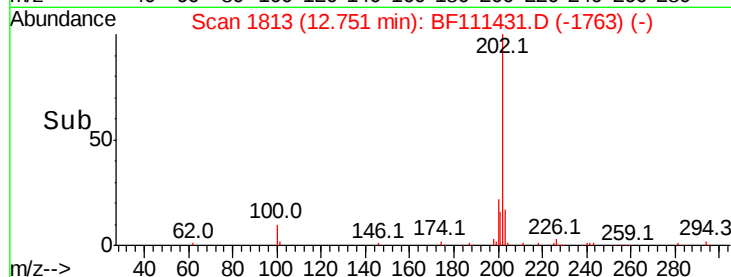
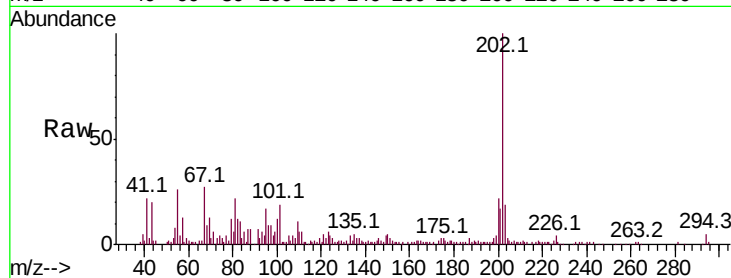
#78
Pvrene
Concen: 3.319 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-A

Tot Ion:	202	Resp:	85243
Ion Ratio	Lower	Upper	
202	100		
200	22.5	19.0	28.4
203	18.8	15.2	22.8

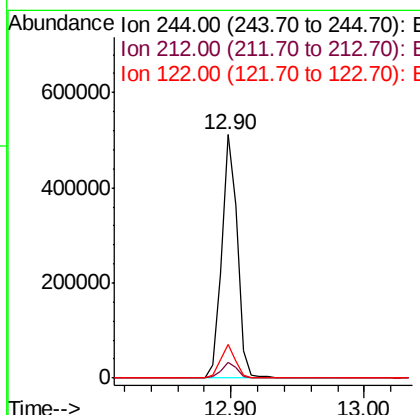
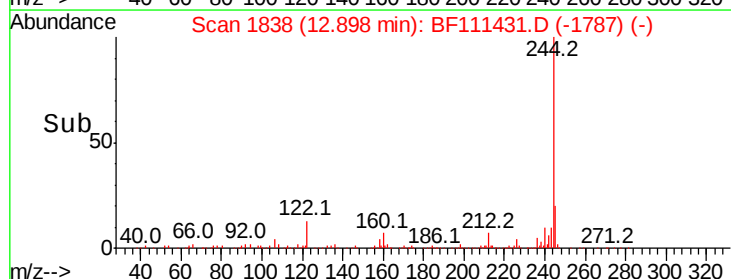
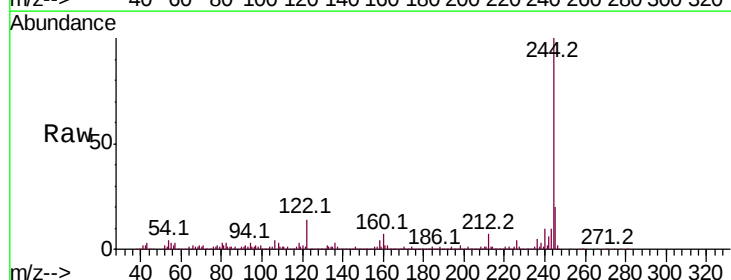
Manual Integrations
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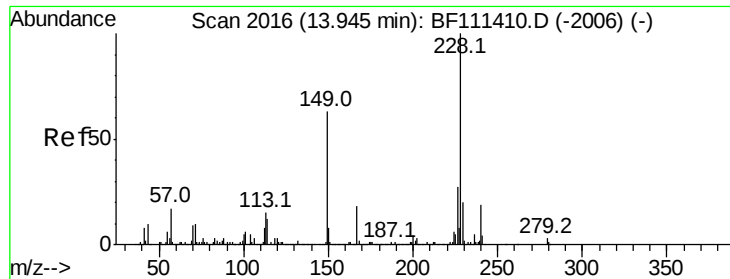
Sohil
12/17/2018 2:36:47 PM



#79
Terphenyl-d14
Concen: 27.374 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Tgt Ion:	244	Resp:	424600
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.7	8.5
122	13.9	13.1	19.7





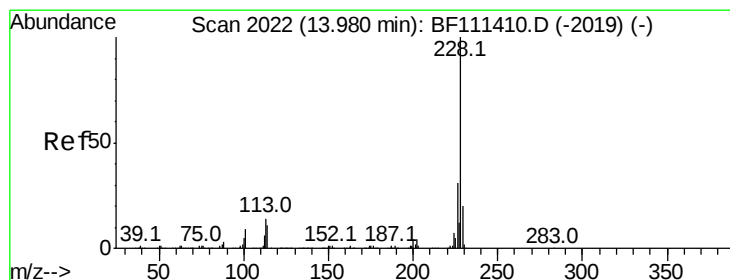
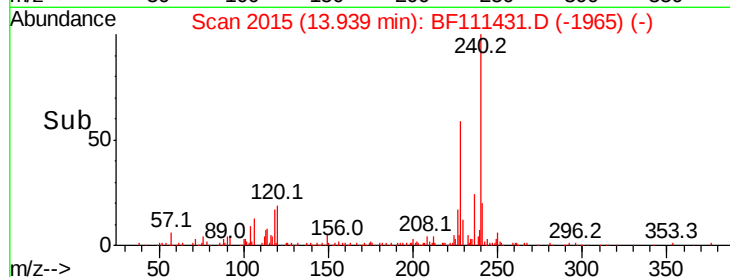
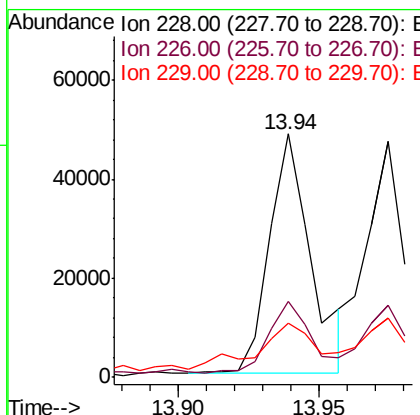
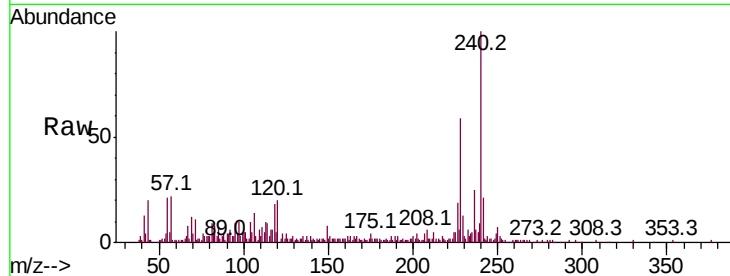
#81
Benzo(a)anthracene
Concen: 2.498 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	34.0
229	22.5	16.3	24.5

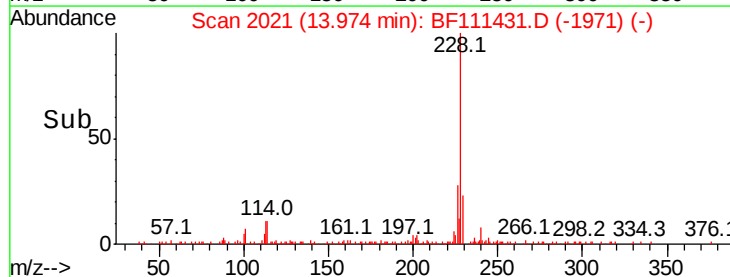
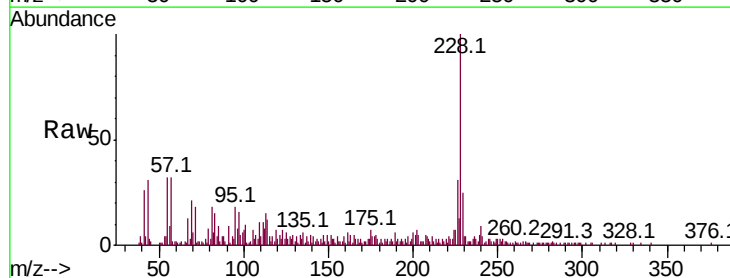
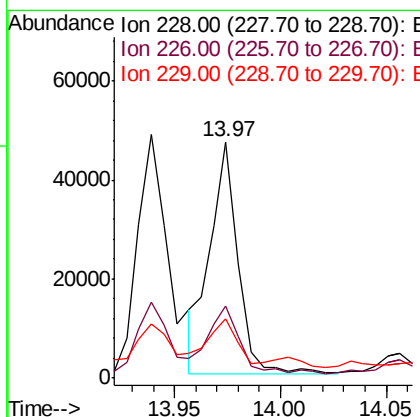
Manual Integrations
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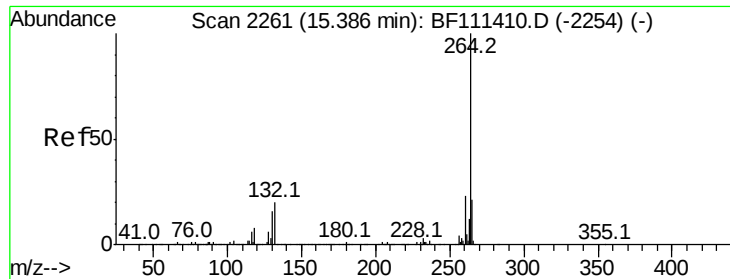
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#83
Chrysene
Concen: 2.109 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.3	37.9
229	25.3	17.2	25.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111431.D

Acq: 14 Dec 2018 20:57

Instrument :

BNA_F

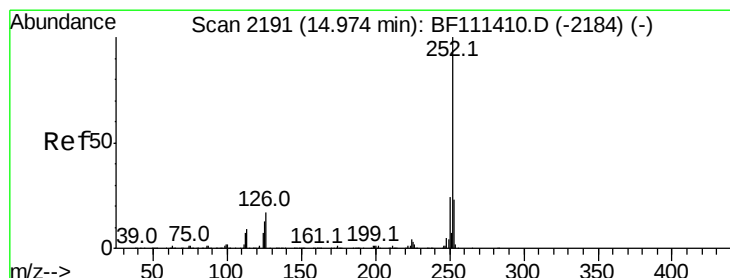
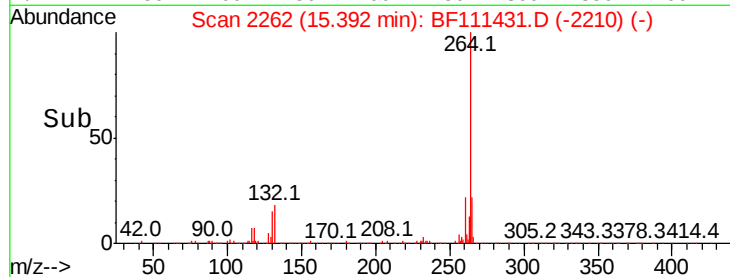
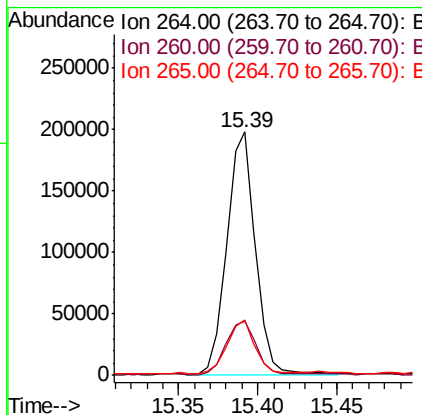
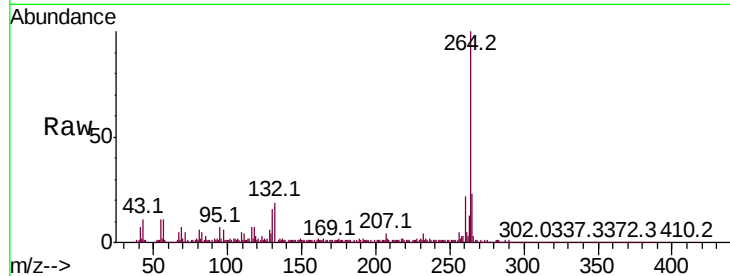
ClientSampleId :

SU-04-121218-A

Tot Ion:	264	Resp:	245872
Ion Ratio	Lower	Upper	
264	100		
260	22.3	18.3	27.5
265	22.5	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 3.159 ng m

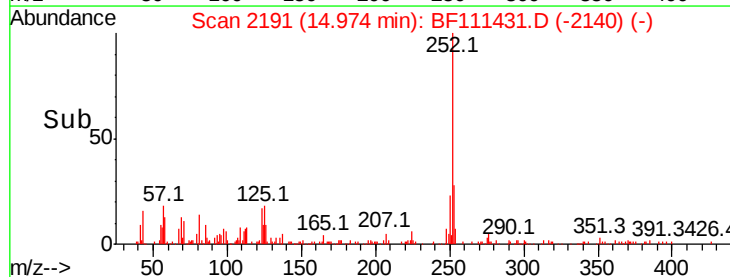
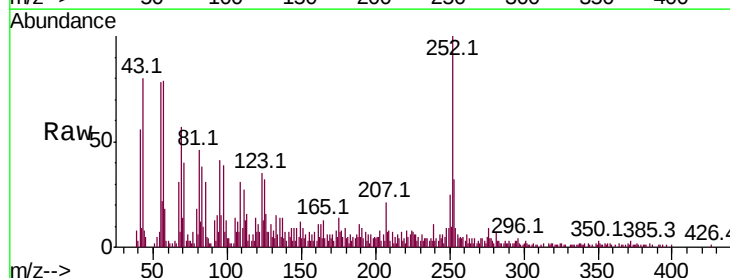
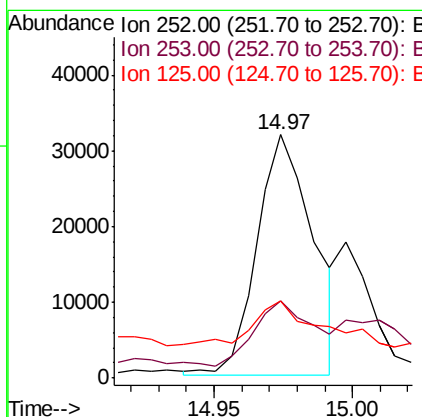
RT: 14.97 min Scan# 2191

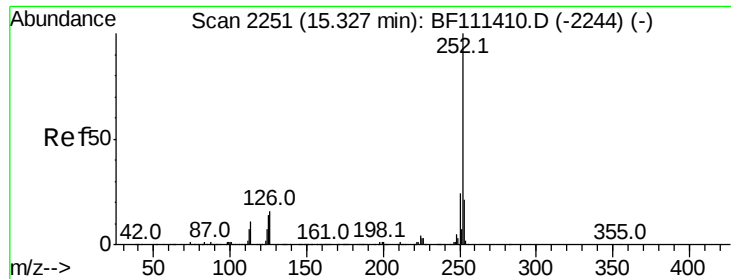
Delta R.T. -0.00 min

Lab File: BF111431.D

Acq: 14 Dec 2018 20:57

Tgt Ion:	252	Resp:	45281
Ion Ratio	Lower	Upper	
252	100		
253	31.5	18.2	27.2#
125	31.7	10.4	15.6#





#90
Benzo(a)pyrene
Concen: 2.493 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111431.D
Acq: 14 Dec 2018 20:57

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	27.4	12.3	18.5

Manual Integrations
APPROVED

Sohil
12/17/2018 2:36:47 PM

