

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114465.D
 Acq On : 21 May 2019 19:23
 Operator : JU/SJ
 Sample : K2951-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Manual Integrations
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 5/23/2019 8:15:48 AM

Quant Time: May 22 06:52:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	204177	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	786752	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	369516	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	693593	20.00	ng	0.00
76) Chrysene-d12	14.00	240	427852	20.00	ng	0.00
87) Perylene-d12	15.46	264	458879	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	755941	59.58	ng	-0.01
7) Phenol-d6	6.47	99	655419	43.68	ng	-0.02
23) Nitrobenzene-d5	7.39	82	1174671	83.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	422934	110.71	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2012676	82.39	ng	0.00
79) Terphenyl-d14	12.94	244	1762351	84.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
32) Benzoic acid	7.94	122	1272m	7.161	ng	
55) Dibenzofuran	10.07	168	101638	3.091	ng	96
58) Fluorene	10.42	166	53233	2.096	ng	99
71) Phenanthrene	11.37	178	103775	3.075	ng	97
75) Fluoranthene	12.57	202	325768	8.965	ng	98
78) Pyrene	12.80	202	230977	6.711	ng	97
81) Benzo(a)anthracene	13.99	228	91573	3.309	ng	99
83) Chrysene	14.02	228	74827	2.758	ng	99
88) Benzo(b)fluoranthene	15.04	252	103801m	3.531	ng	

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

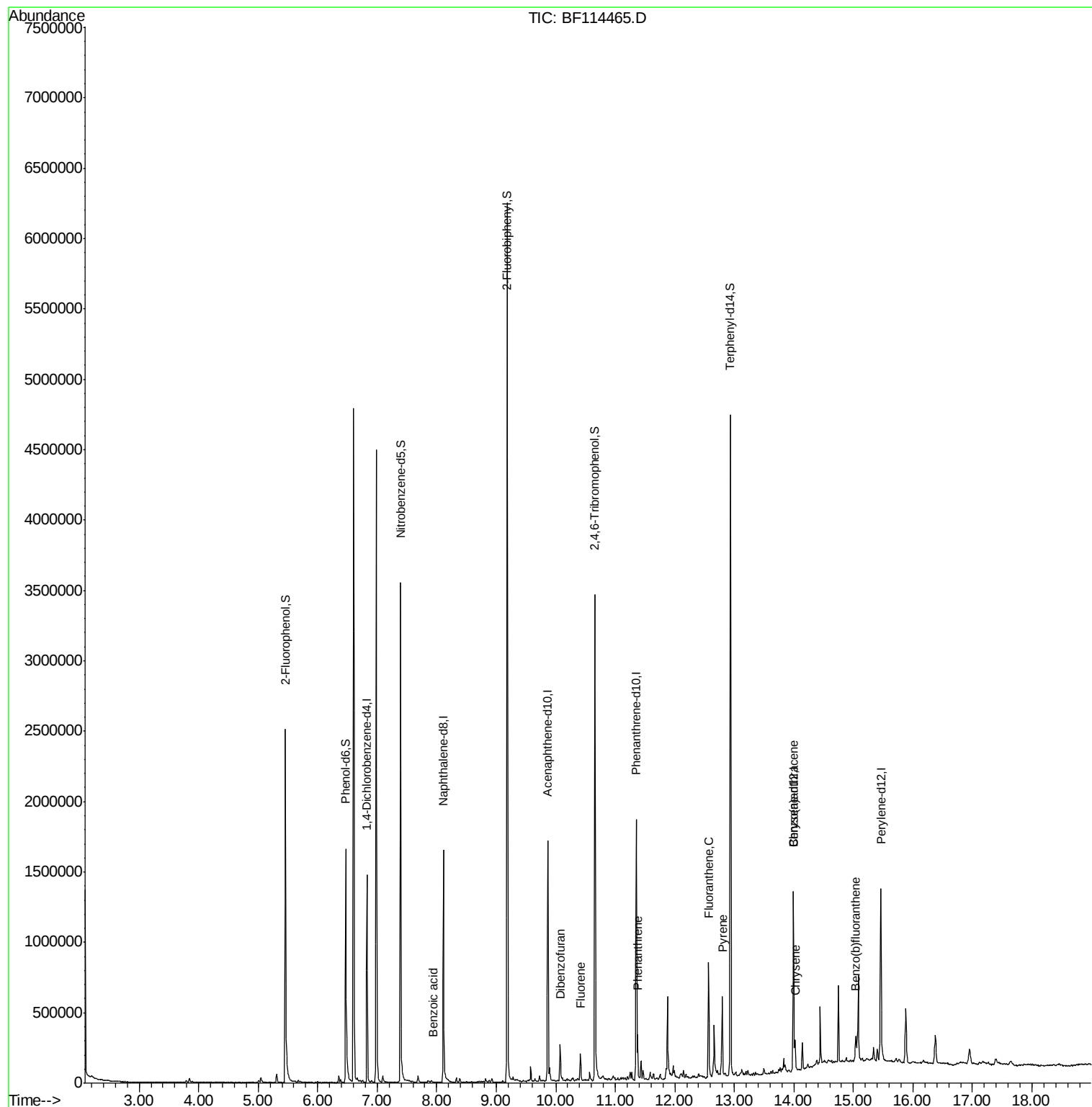
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114465.D
Acq On : 21 May 2019 19:23
Operator : JU/SJ
Sample : K2951-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

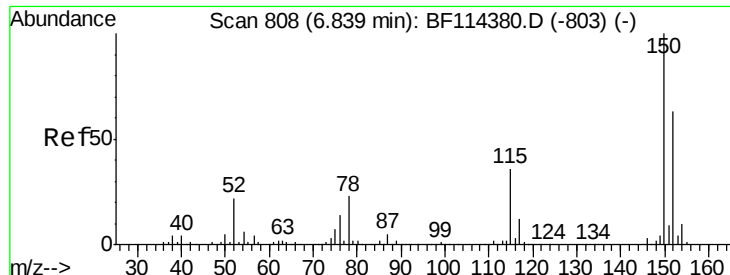
Instrument :
BNA_F
ClientSampleId :
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Quant Time: May 22 06:52:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration





#1

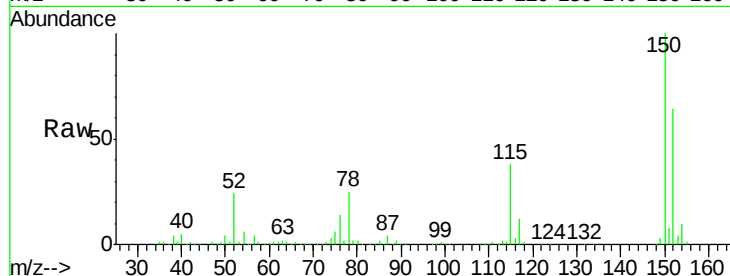
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114465.D
Acq: 21 May 2019 19:23

Instrument :
BNA_F
ClientSampled :
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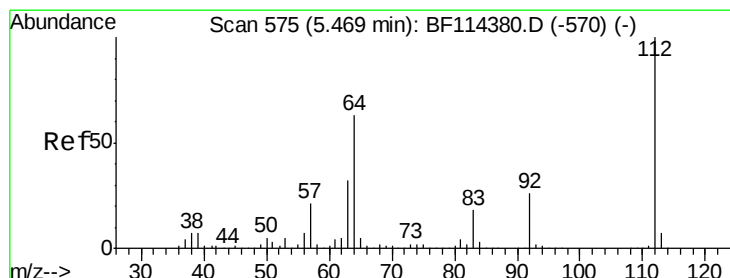
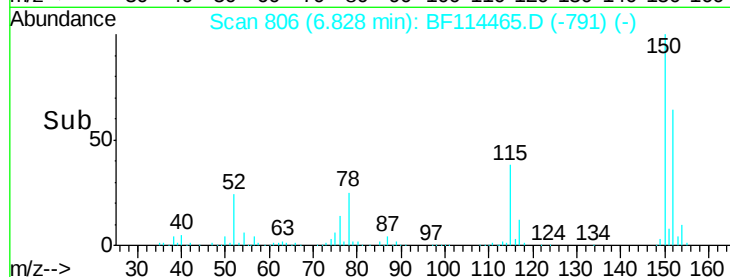
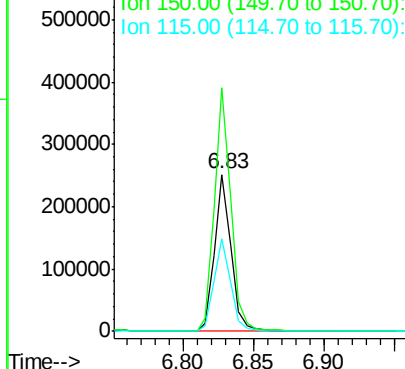
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	59.4	49.1	73.7

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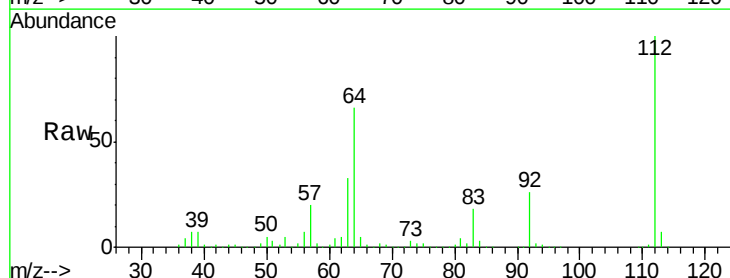
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



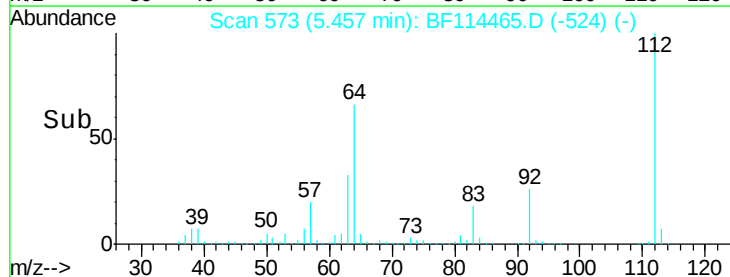
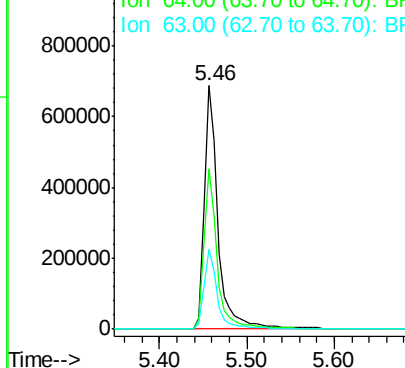
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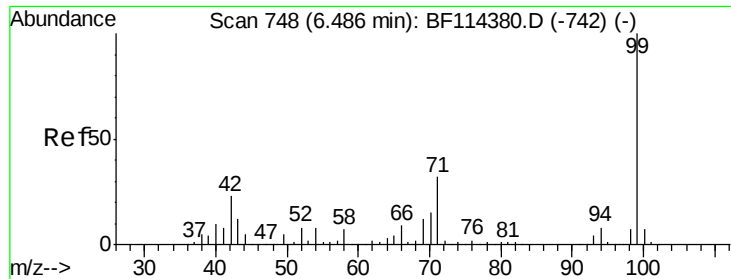
2-Fluorophenol
Concen: 59.581 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF114465.D
Acq: 21 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	49.0	73.6
63	32.7	24.6	37.0



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: 43.677 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114465.D

Acq: 21 May 2019 19:23

Instrument :

BNA_F

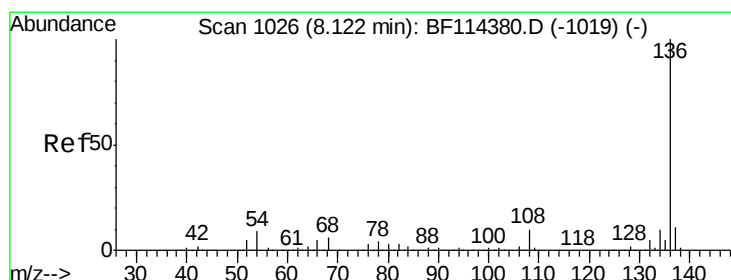
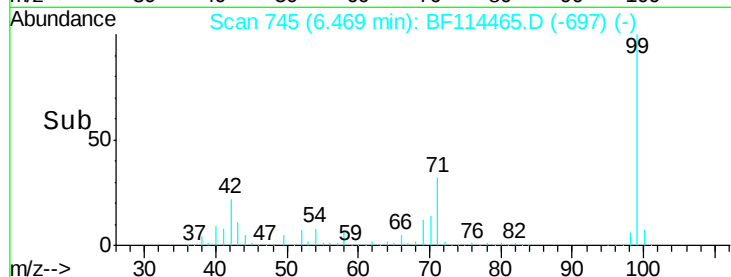
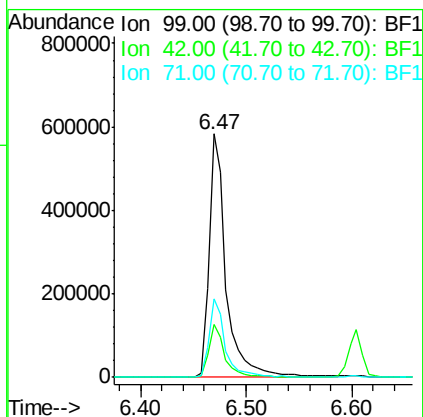
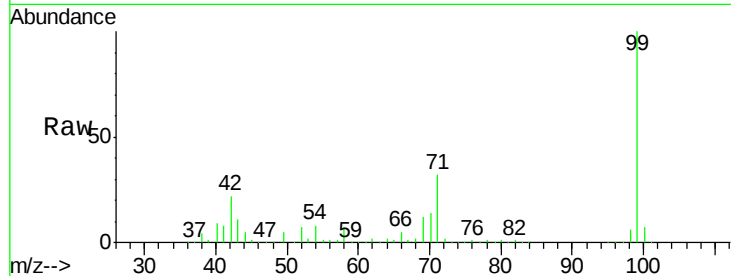
ClientSampled :

TP-14

Tgt Ion:	99	Resp:	655419
Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.9	26.9
71	32.1	26.2	39.2

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#21

Naphthalene-d8

Concen: 20.000 ng

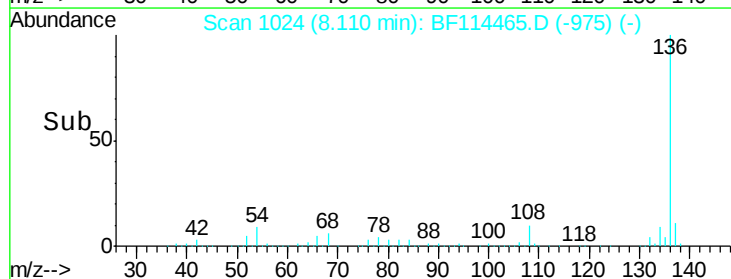
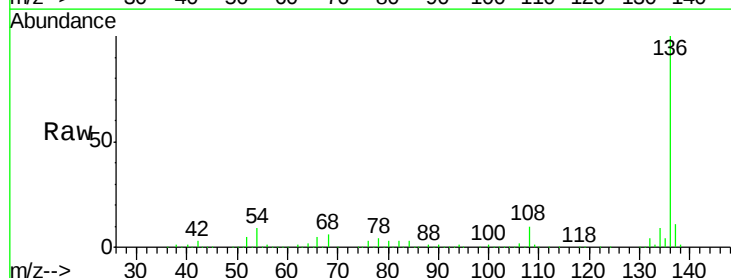
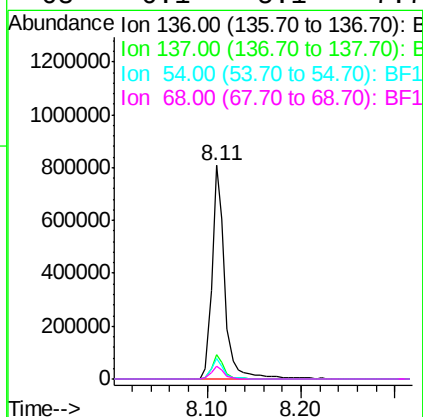
RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114465.D

Acq: 21 May 2019 19:23

Tgt Ion:	136	Resp:	786752
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.5	7.8	11.8
68	6.1	5.1	7.7





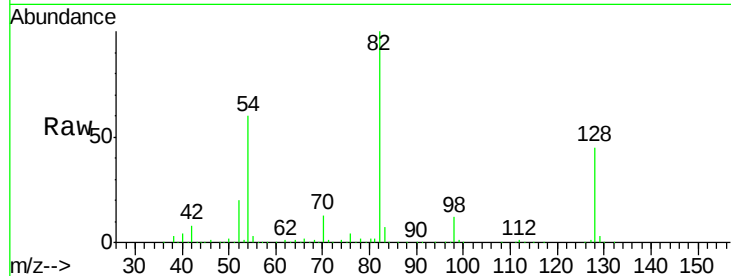
#23
 Nitrobenzene-d5
 Concen: 83.791 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114465.D
 Acq: 21 May 2019 19:23

Instrument :
 BNA_F
 ClientSampled :
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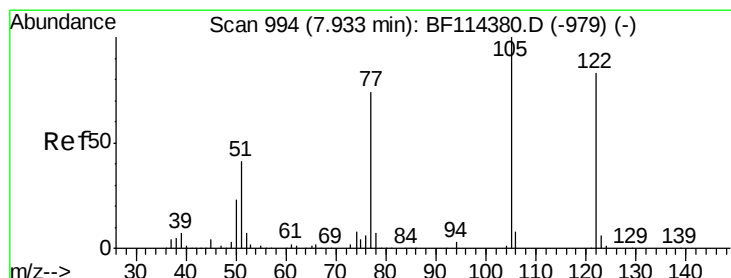
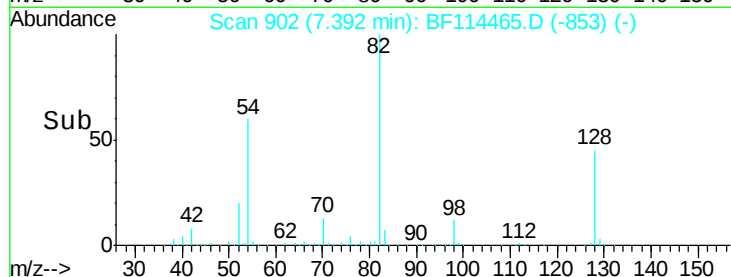
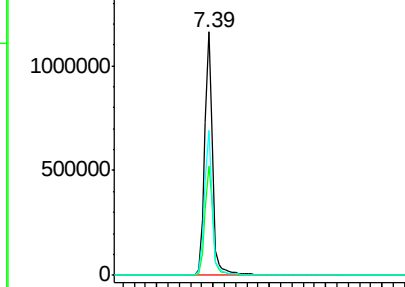
Tgt Ion: 82 Resp: 1174671
 Ion Ratio Lower Upper
 82 100
 128 45.0 35.5 53.3
 54 59.7 48.5 72.7

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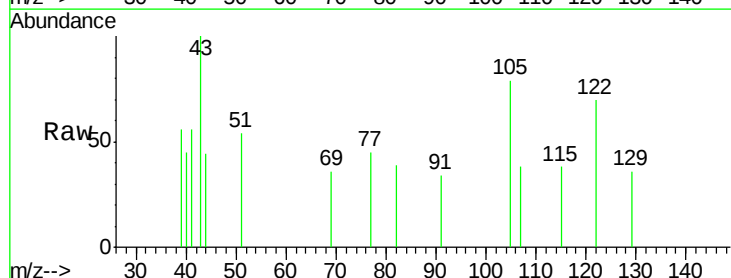


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

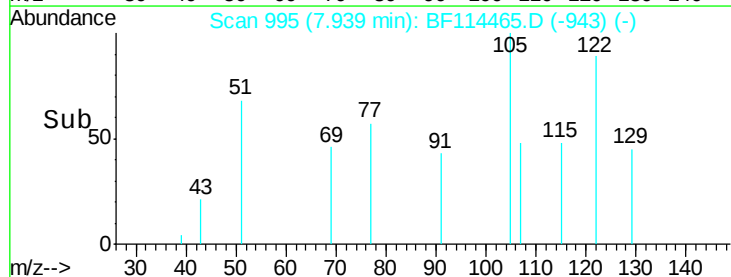
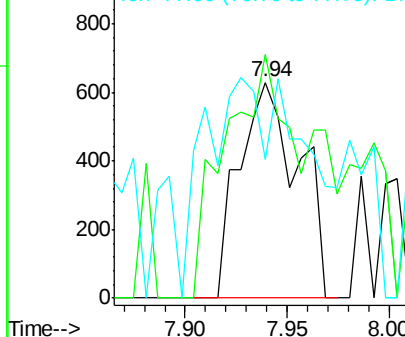


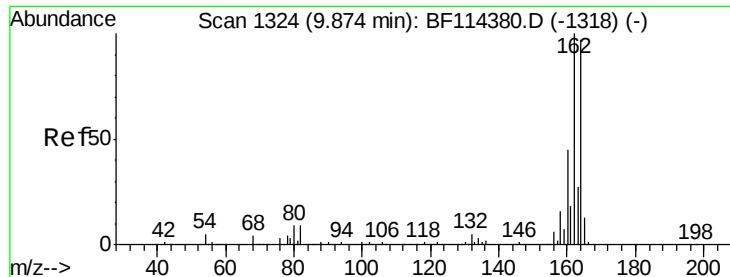
#32
 Benzoic acid
 Concen: 7.161 ng m
 RT: 7.94 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BF114465.D
 Acq: 21 May 2019 19:23

Tgt Ion: 122 Resp: 1272
 Ion Ratio Lower Upper
 122 100
 105 112.7 99.9 139.9
 77 64.1 69.4 109.4#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF1





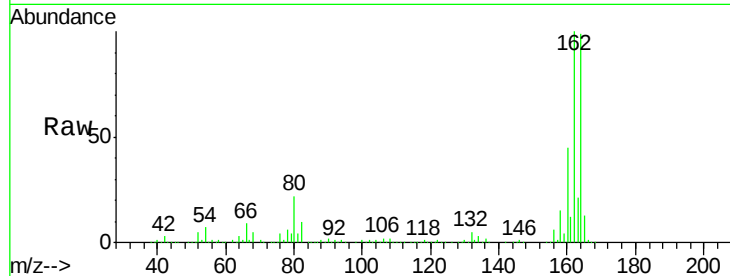
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114465.D
Acq: 21 May 2019 19:23

Instrument :
BNA_F
ClientSampled :
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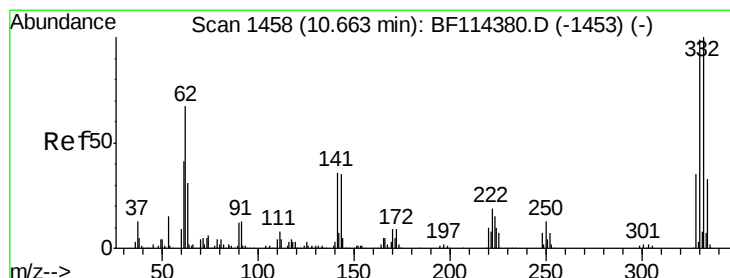
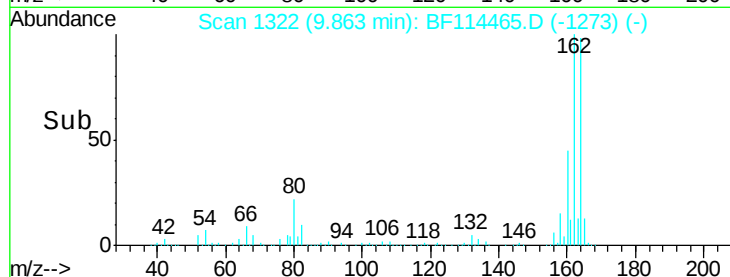
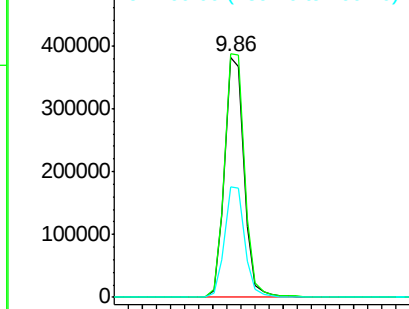
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	369516		
162	101.5	80.6	120.8	
160	46.1	36.5	54.7	

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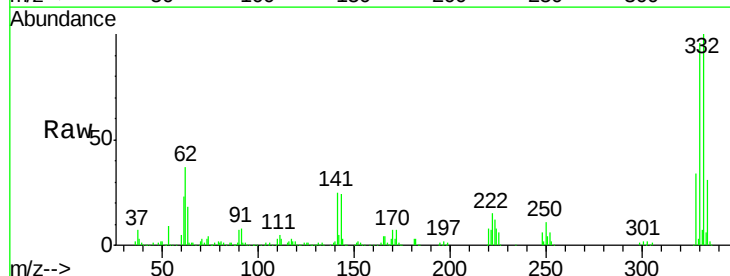


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

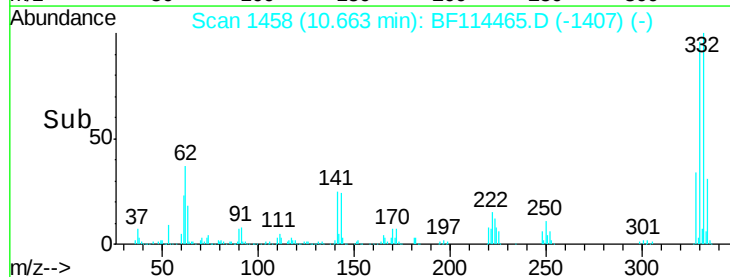
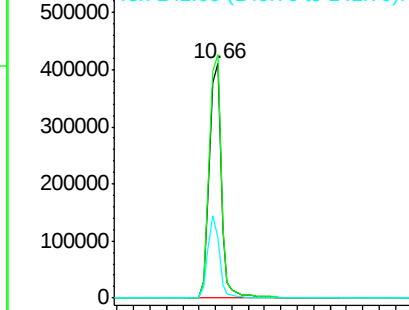


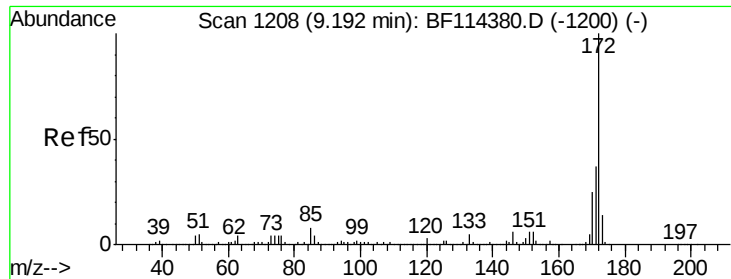
#42
2,4,6-Tribromophenol
Concen: 110.711 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF114465.D
Acq: 21 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	422934		
332	103.8	81.4	122.2	
141	34.0	26.6	40.0	



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





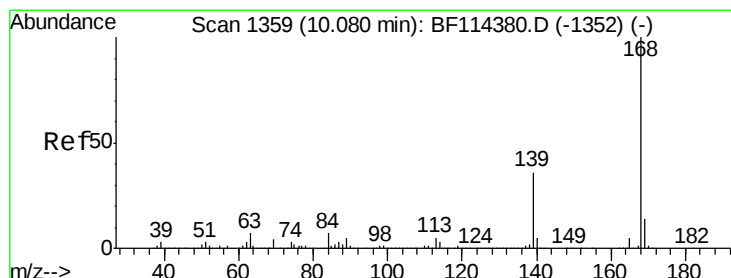
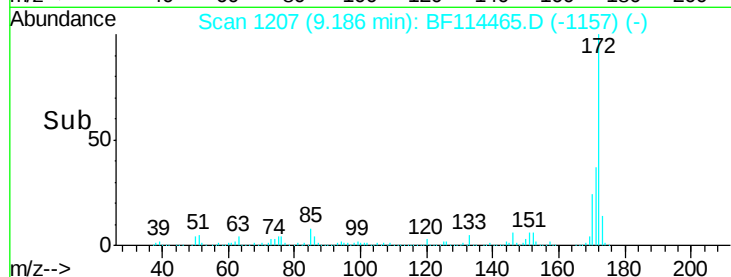
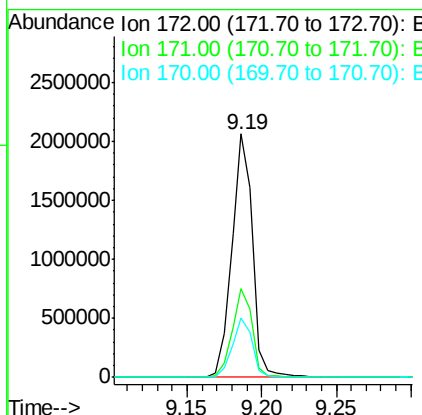
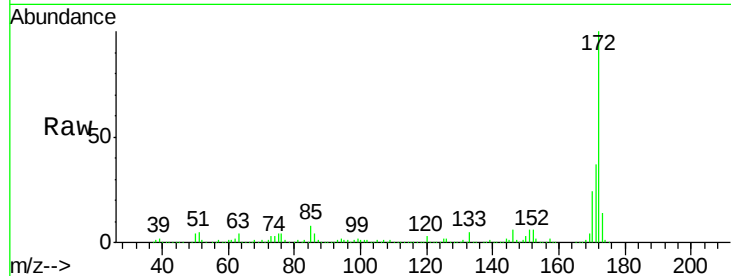
#45
 2-Fluorobiphenyl
 Concen: 82.392 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114465.D
 Acq: 21 May 2019 19:23

Instrument :
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 ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.7	46.1
170	24.5	20.5	30.7

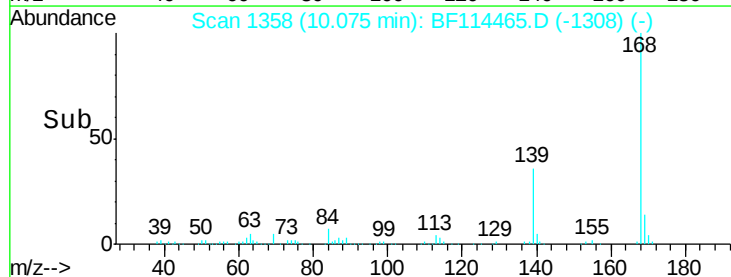
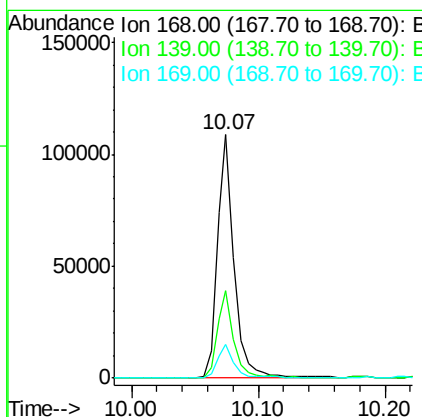
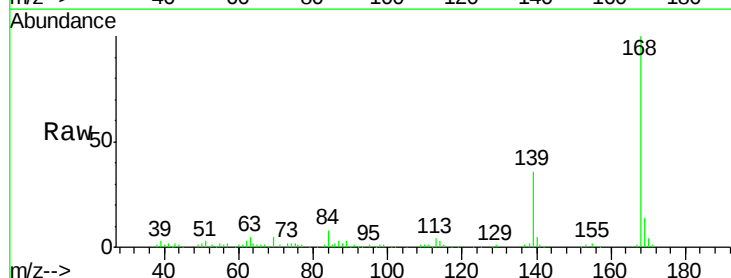
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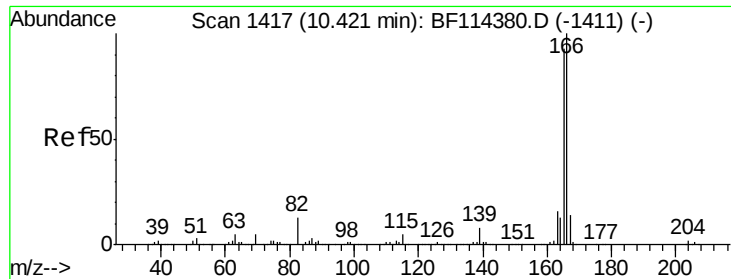
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#55
 Dibenzofuran
 Concen: 3.091 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF114465.D
 Acq: 21 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	31.1	46.7
169	13.6	11.4	17.0





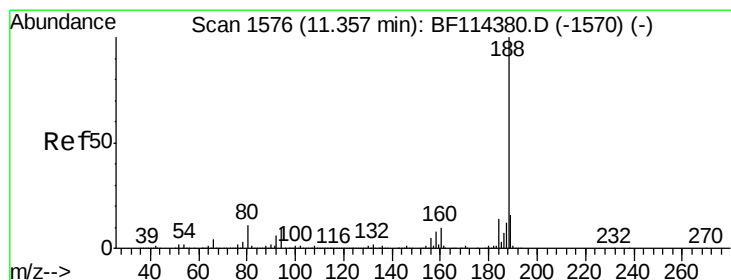
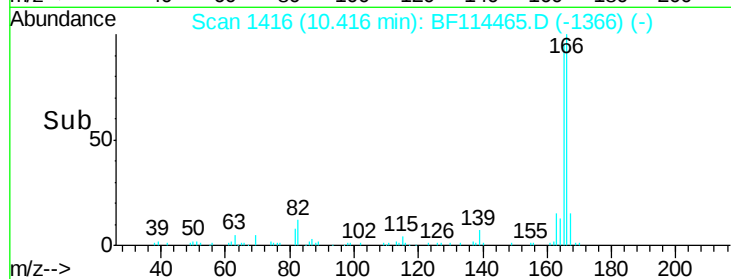
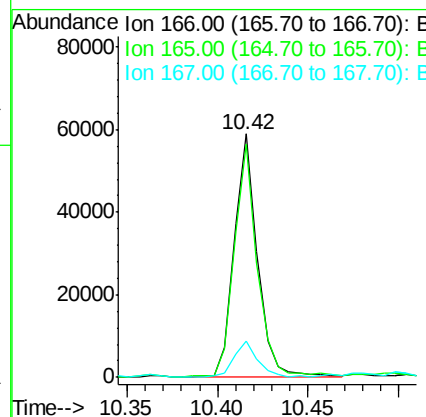
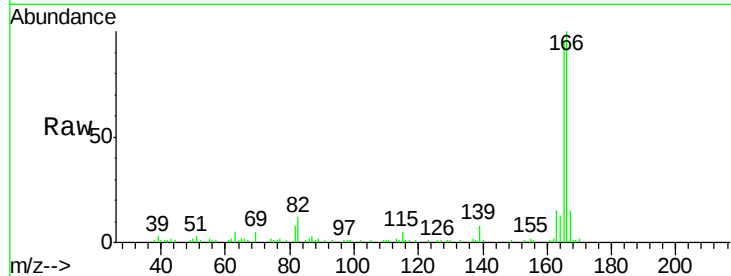
#58
 Fluorene
 Concen: 2.096 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF114465.D
 Acq: 21 May 2019 19:23

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	53233		
165	95.7	76.1	114.1	
167	14.9	11.1	16.7	

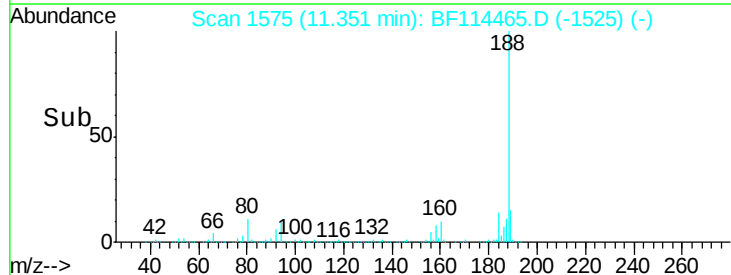
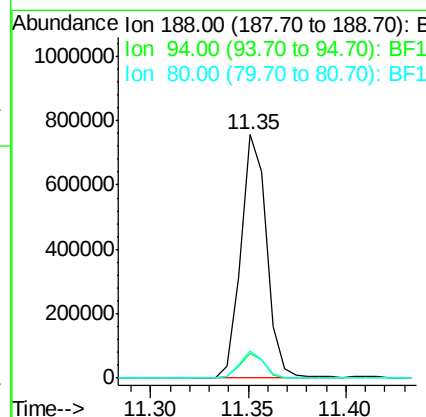
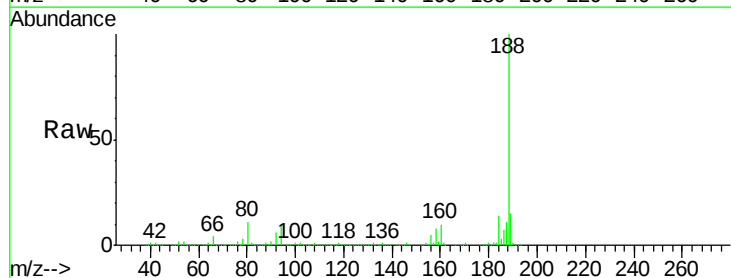
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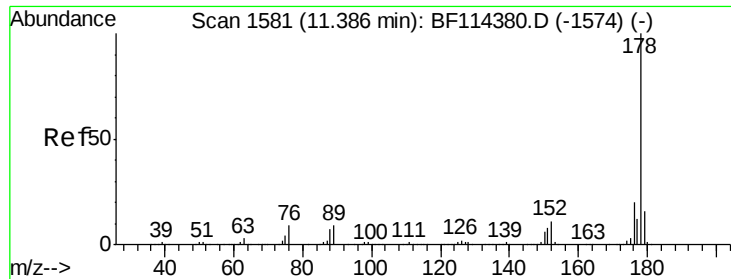
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF114465.D
 Acq: 21 May 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	693593		
94	10.1	8.4	12.6	
80	11.0	9.2	13.8	





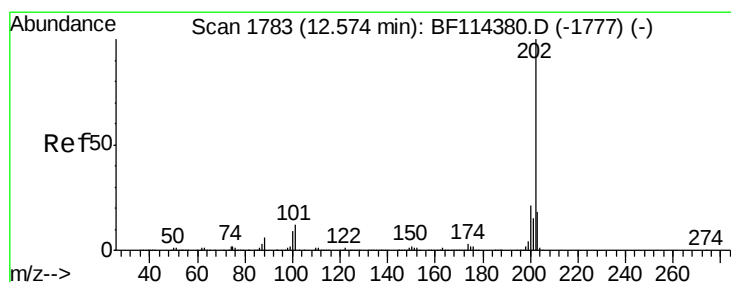
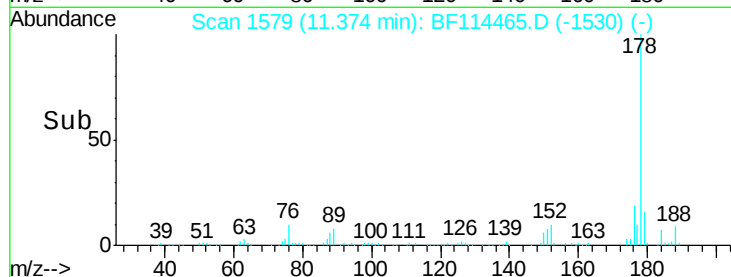
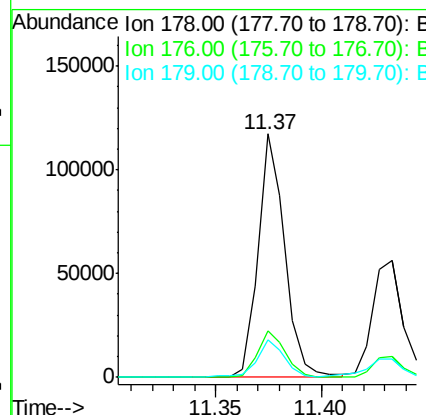
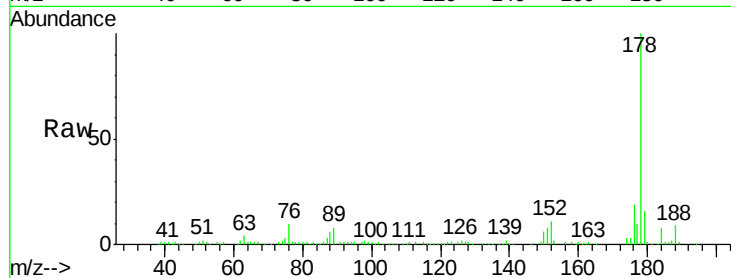
#71
Phenanthrene
Concen: 3.075 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF114465.D
Acq: 21 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.4	24.6
179	15.6	13.2	19.8

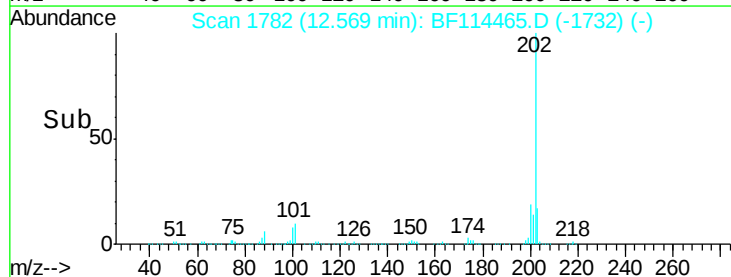
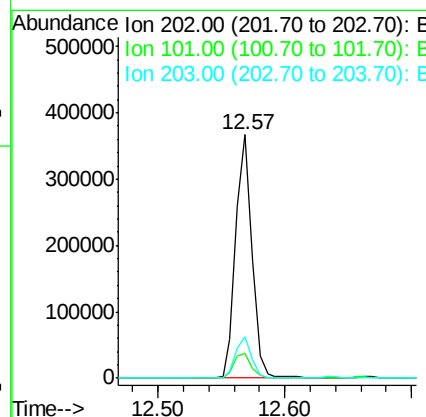
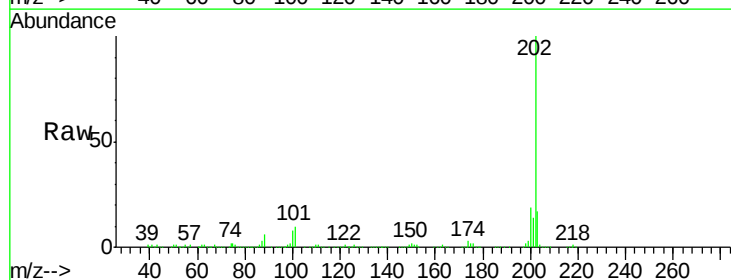
Manual Integrations
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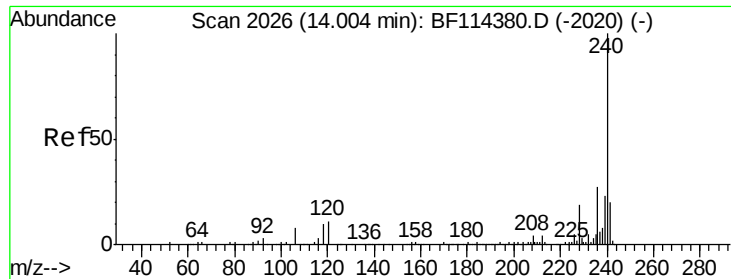
Sohil
5/23/2019 8:15:48 AM



#75
Fluoranthene
Concen: 8.965 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF114465.D
Acq: 21 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.0
203	17.1	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114465.D

Acq: 21 May 2019 19:23

Instrument :

BNA_F

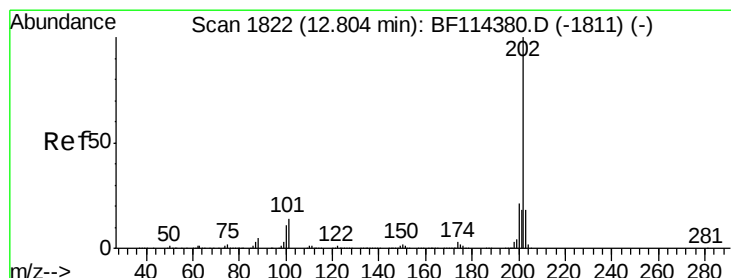
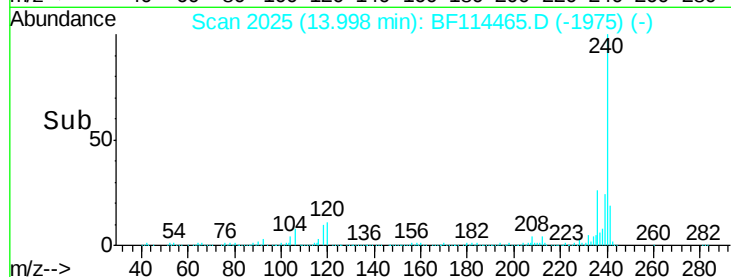
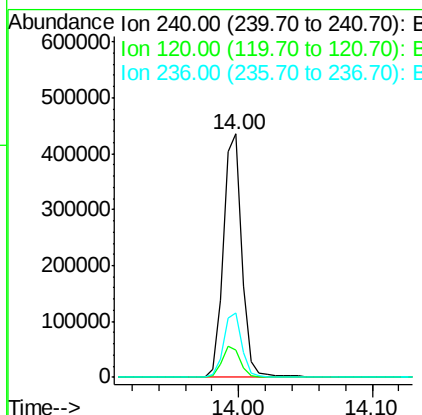
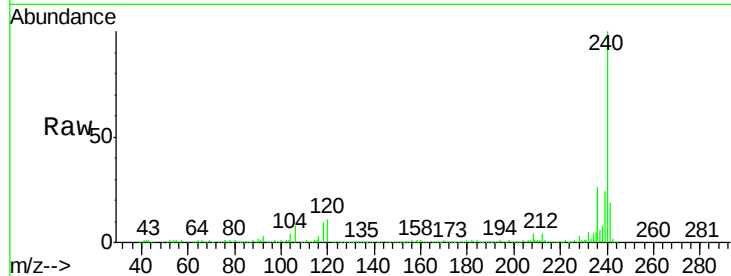
ClientSampled :

TP-14

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		427852		
120	11.0	8.3	12.5		
236	26.4	20.8	31.2		

Manual Integrations
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#78

Pyrene

Concen: 6.711 ng

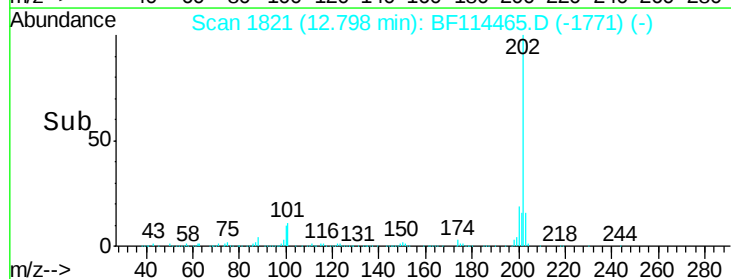
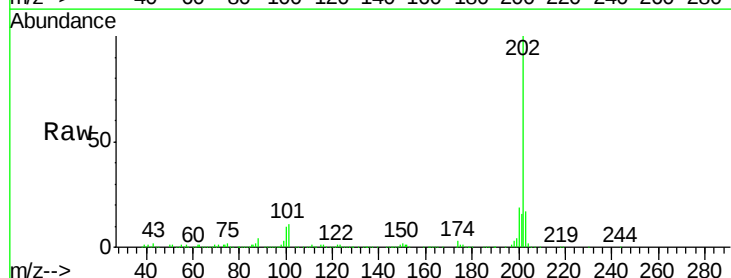
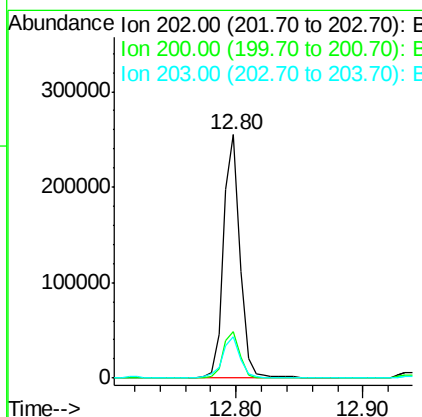
RT: 12.80 min Scan# 1821

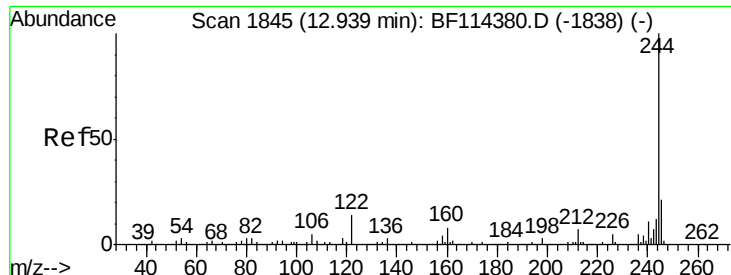
Delta R.T. -0.01 min

Lab File: BF114465.D

Acq: 21 May 2019 19:23

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		230977		
200	19.3	16.9	25.3		
203	16.8	14.5	21.7		





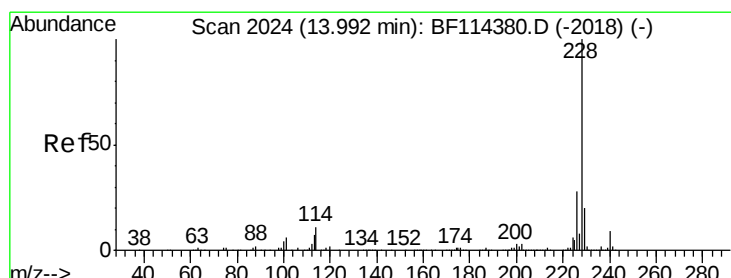
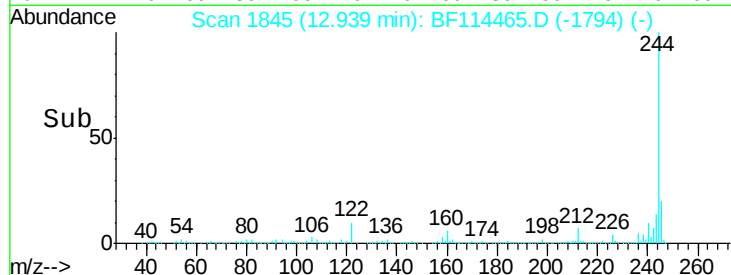
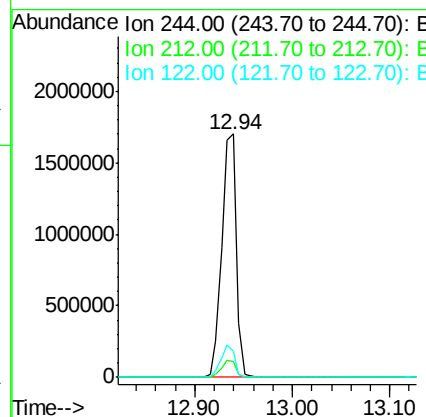
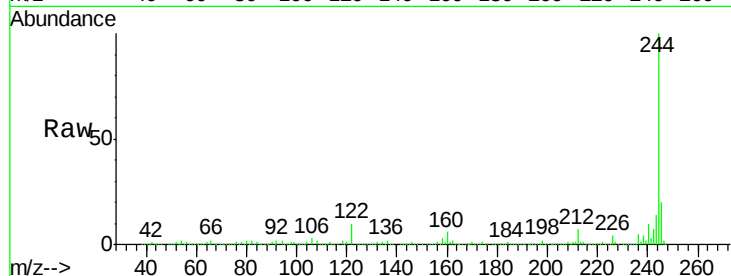
#79
 Terphenyl-d14
 Concen: 84.912 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF114465.D
 Acq: 21 May 2019 19:23

Instrument :
 BNA_F
 ClientSampled :
 TP-14

Tgt Ion:244 Resp: 1762351
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 10.4 9.4 14.2

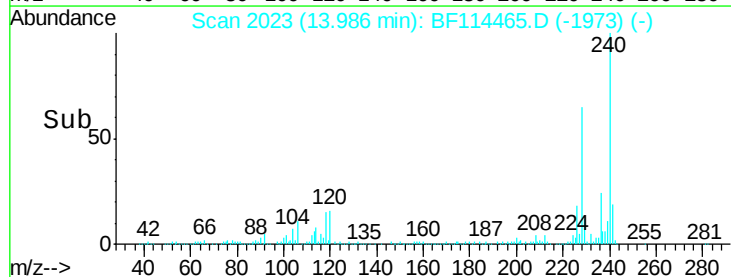
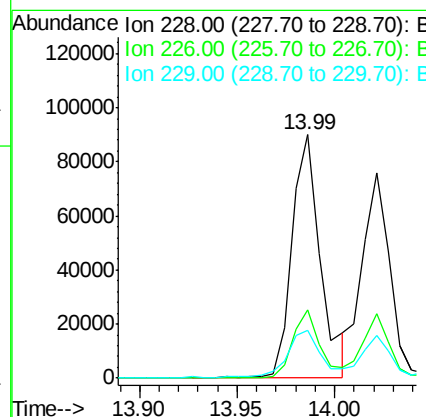
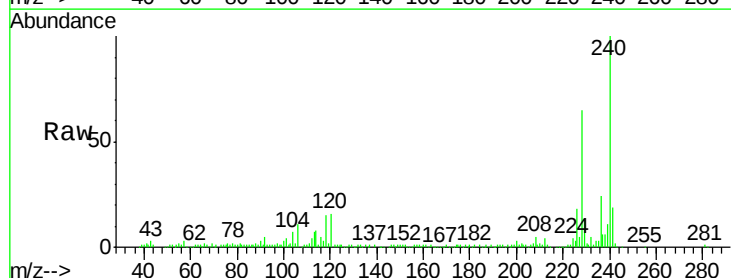
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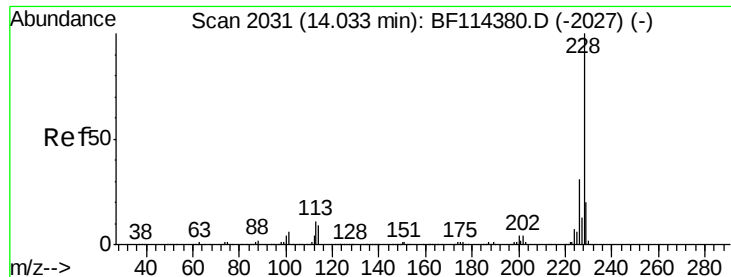
Sohil
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#81
 Benzo(a)anthracene
 Concen: 3.309 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114465.D
 Acq: 21 May 2019 19:23

Tgt Ion:228 Resp: 91573
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.2 33.2
 229 19.6 16.4 24.6





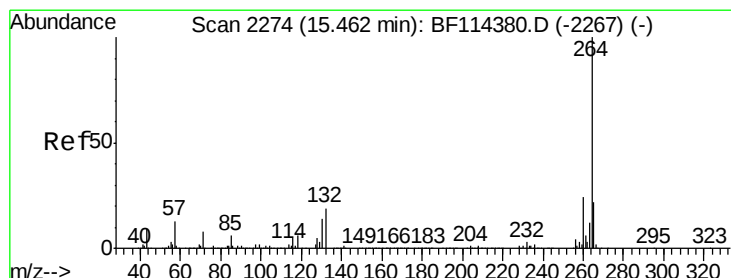
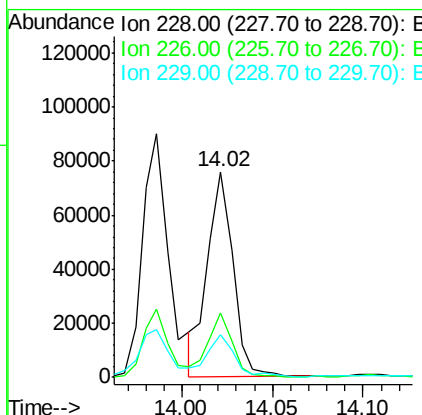
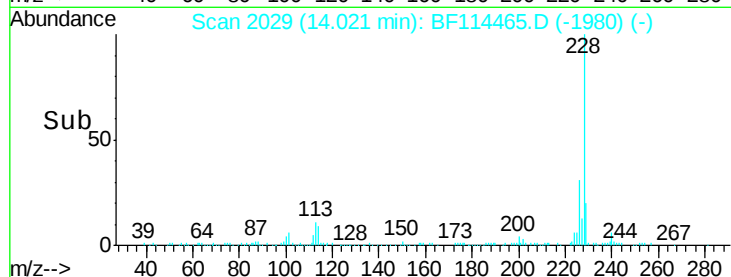
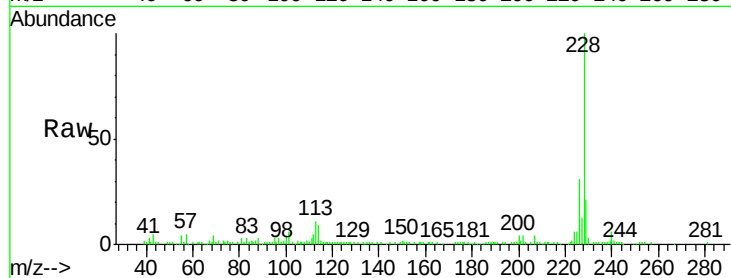
#83
Chrysene
Concen: 2.758 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF114465.D
Acq: 21 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion: 228 Resp: 74827
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.6
229 20.7 17.0 25.6

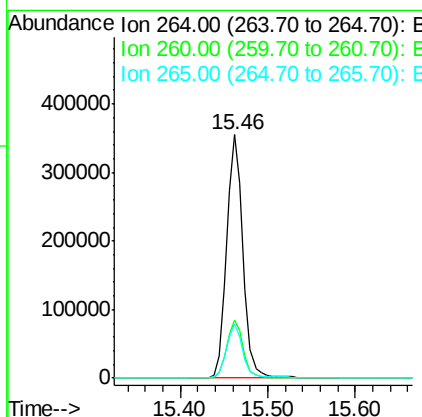
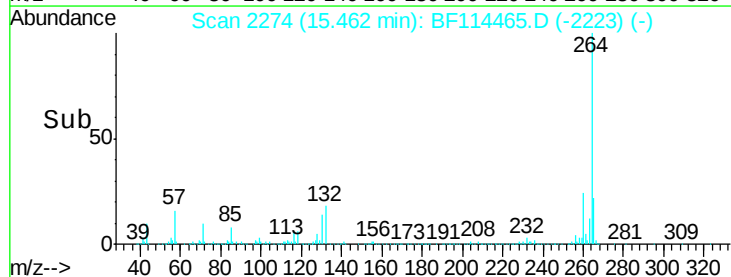
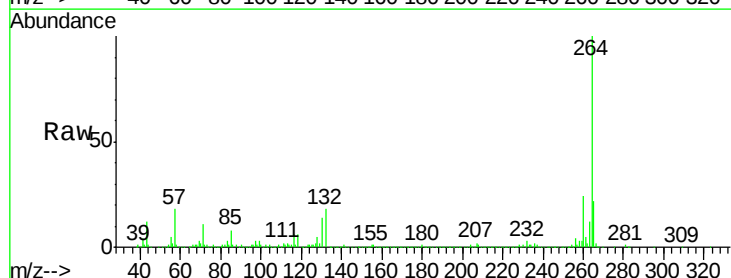
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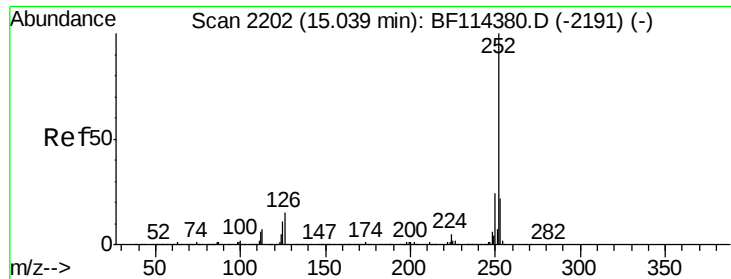
Sohil
5/23/2019 8:15:48 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF114465.D
Acq: 21 May 2019 19:23

Tgt Ion: 264 Resp: 458879
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 22.3 16.9 25.3





#88

Benzo(b)fluoranthene

Concen: 3.531 ng m

RT: 15.04 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BF114465.D

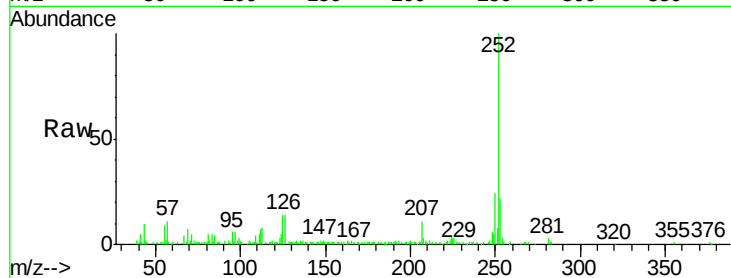
Acq: 21 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

TP-14



Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.2	17.8	26.8	
125	14.3	8.3	12.5	

Manual Integrations
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Sohil
5/23/2019 8:15:48 AM

