

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112215.D
 Acq On : 24 Jan 2019 18:10
 Operator : JU/SJ
 Sample : K1223-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-O

Manual Integrations
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Sohil
 1/25/2019 10:05:14 AM

Quant Time: Jan 25 00:31:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	240150	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	930071	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	426637	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	685095	20.00	ng	0.00
76) Chrysene-d12	14.03	240	474614	20.00	ng	0.00
87) Perylene-d12	15.50	264	357548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	403953	30.53	ng	0.00
7) Phenol-d6	6.50	99	657849	39.74	ng	0.00
23) Nitrobenzene-d5	7.41	82	398973	29.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	174374	37.89	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	720969	24.78	ng	0.00
79) Terphenyl-d14	12.96	244	501170	22.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	62863	2.020	ng	99
71) Phenanthrene	11.40	178	224480	6.511	ng	97
75) Fluoranthene	12.60	202	312219	8.577	ng	96
78) Pyrene	12.83	202	257443	8.222	ng	97
81) Benzo(a)anthracene	14.02	228	126644	4.654	ng	99
83) Chrysene	14.05	228	102556	3.983	ng	96
88) Benzo(b)fluoranthene	15.07	252	117773m	5.803	ng	
90) Benzo(a)pyrene	15.44	252	69110	3.713	ng	# 87
92) Benzo(g,h,i)perylene	17.44	276	37036	2.274	ng	# 90

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

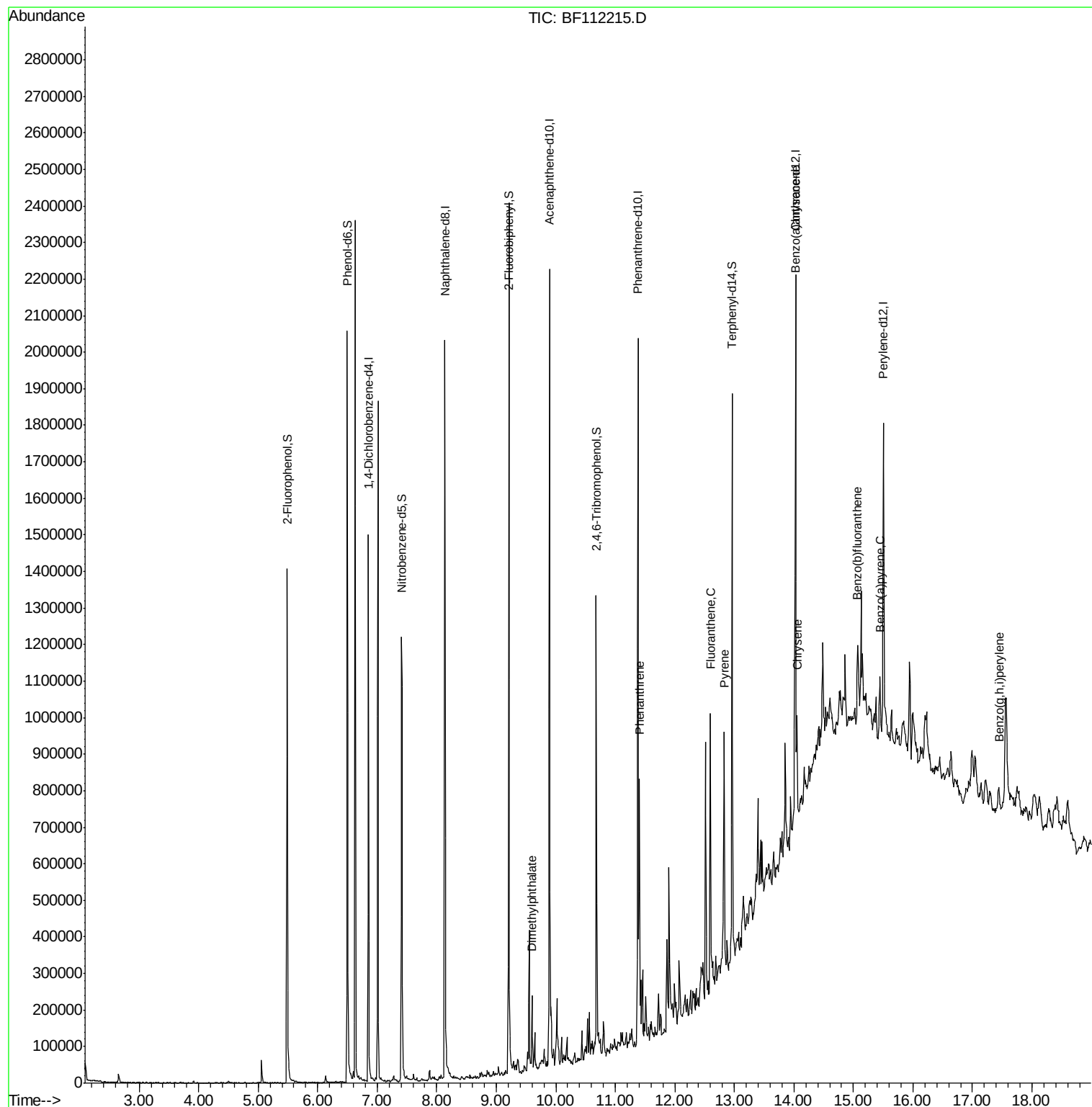
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112215.D
Acq On : 24 Jan 2019 18:10
Operator : JU/SJ
Sample : K1223-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

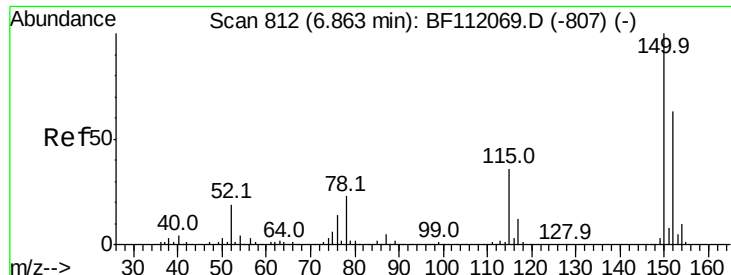
Instrument :
BNA_F
ClientSampled :
TS-O

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1/25/2019 10:05:14 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

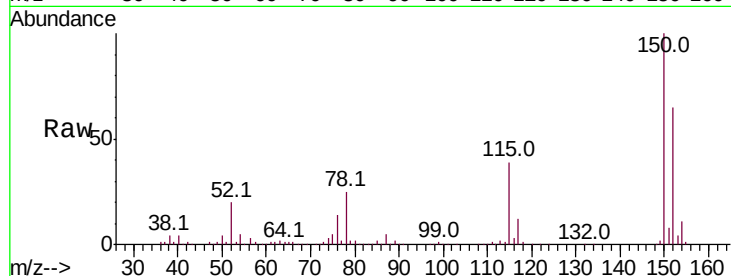
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112215.D
Acq: 24 Jan 2019 18:10

Instrument :
BNA_F
ClientSampled :
TS-O

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.4	191.0
115	60.8	45.5	68.3

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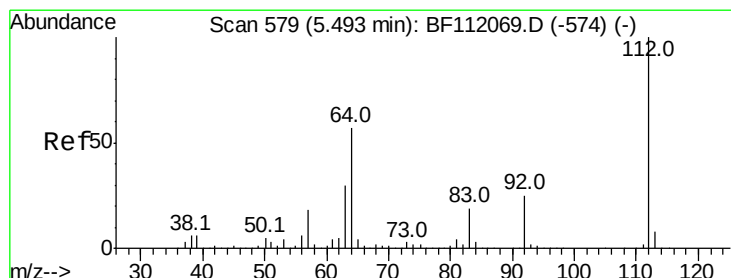
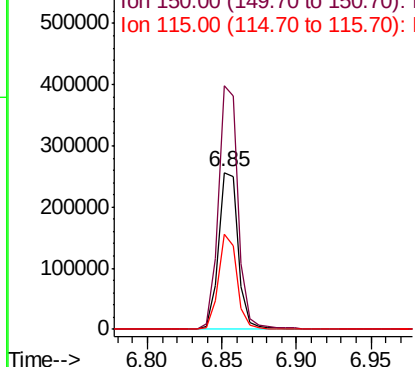
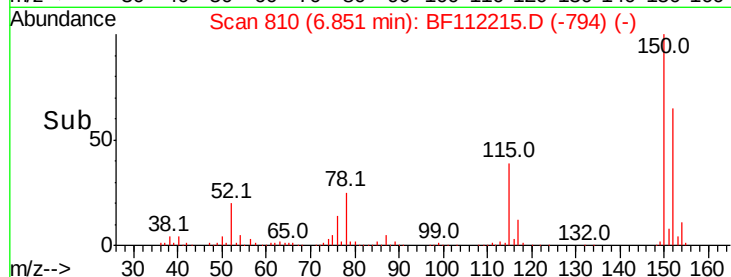


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

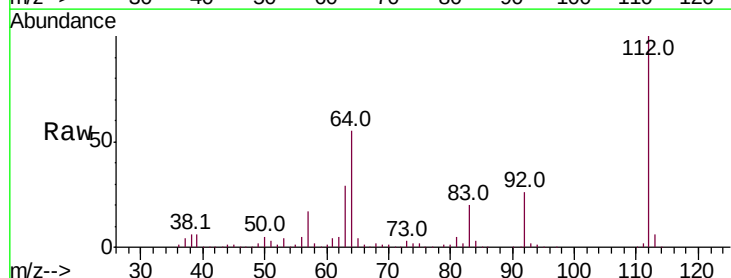
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 30.530 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112215.D
Acq: 24 Jan 2019 18:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.7	68.5
63	29.1	23.6	35.4

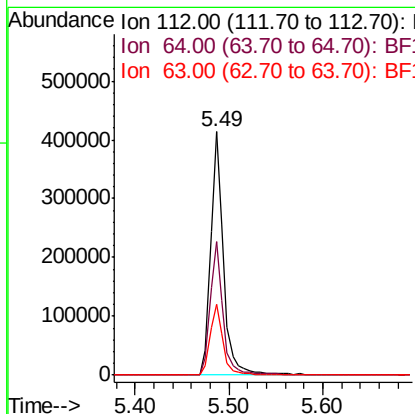
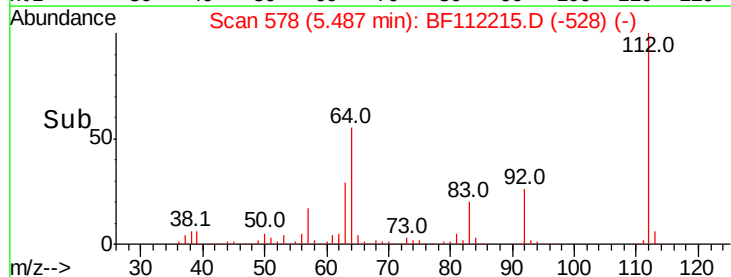


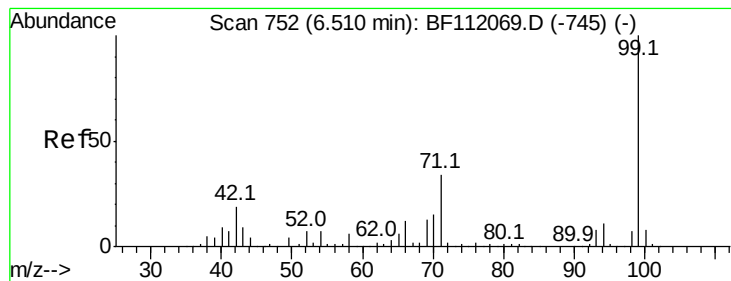
Abundance

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: 39.739 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112215.D

Acq: 24 Jan 2019 18:10

Instrument :

BNA_F

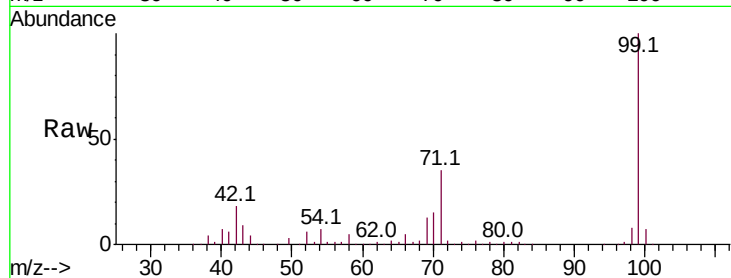
ClientSampled :

TS-O

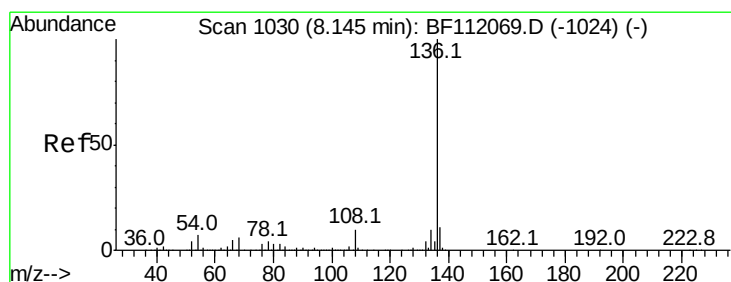
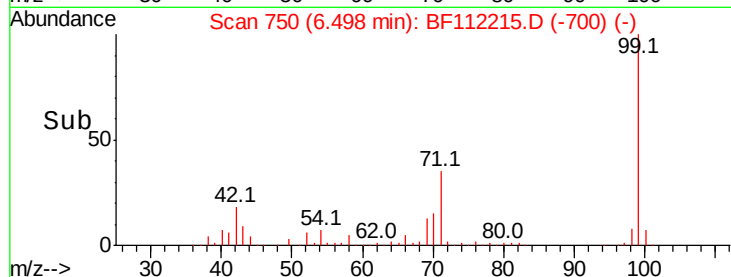
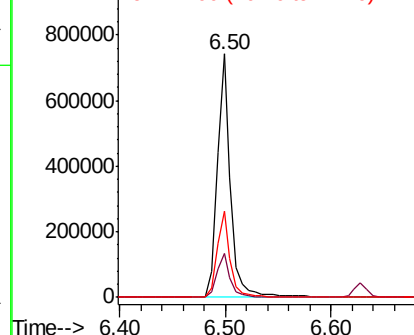
Tot Ion:	99	Resp:	657849
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.1	22.7
71	35.3	26.9	40.3

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

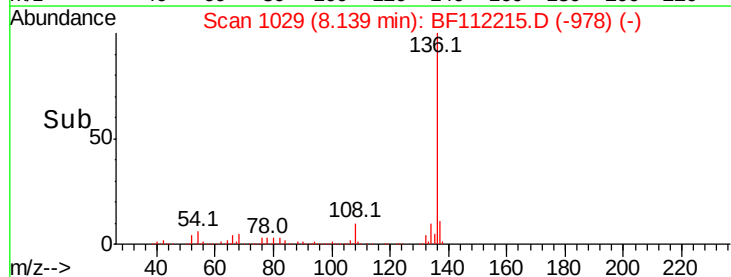
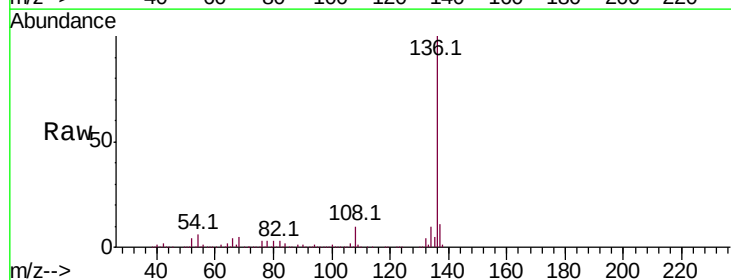
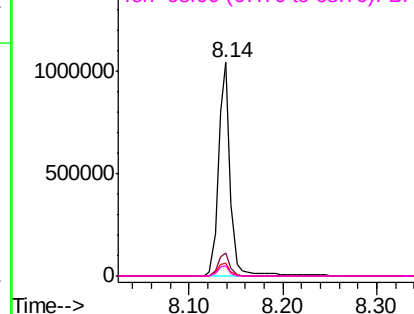
Delta R.T. 0.00 min

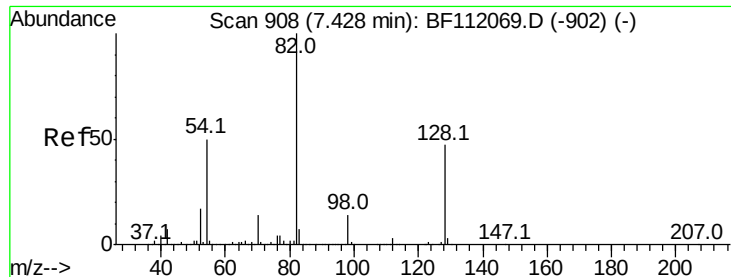
Lab File: BF112215.D

Acq: 24 Jan 2019 18:10

Tgt Ion:	136	Resp:	930071
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.0	5.9	8.9
68	4.8	5.1	7.7#

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 29.637 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF112215.D

Acq: 24 Jan 2019 18:10

Instrument :

BNA_F

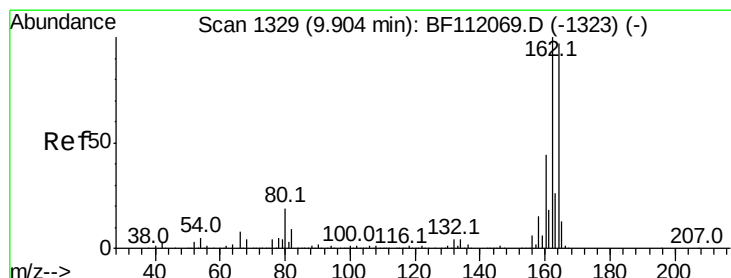
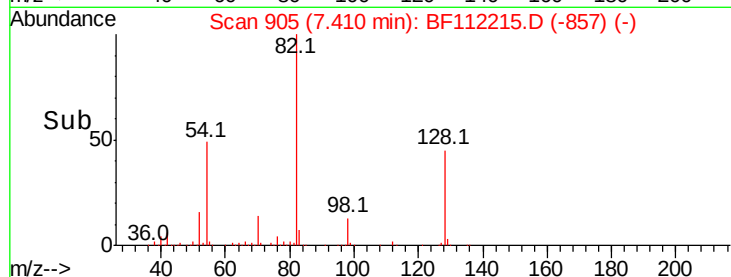
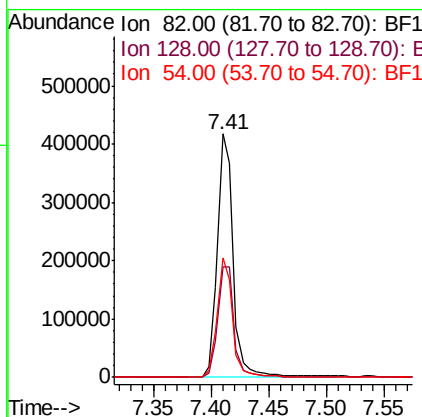
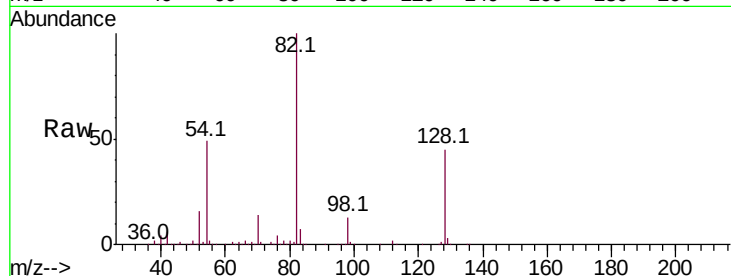
ClientSampled :

TS-O

Tot Ion:	82	Resp:	398973
Ion Ratio	Lower	Upper	
82	100		
128	45.2	37.8	56.8
54	49.0	39.7	59.5

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#39

Acenaphthene-d10

Concen: 20.000 ng

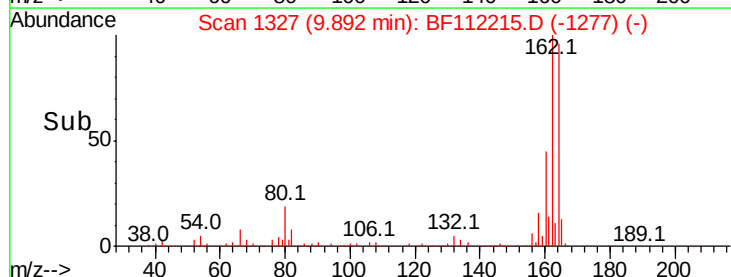
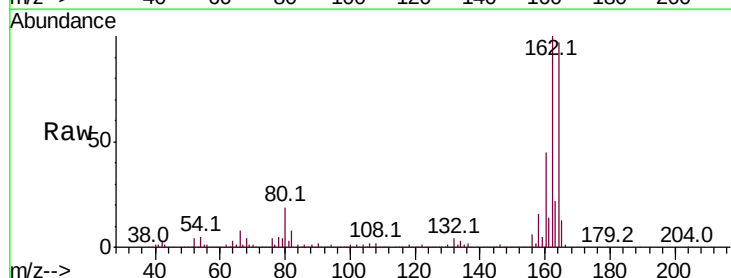
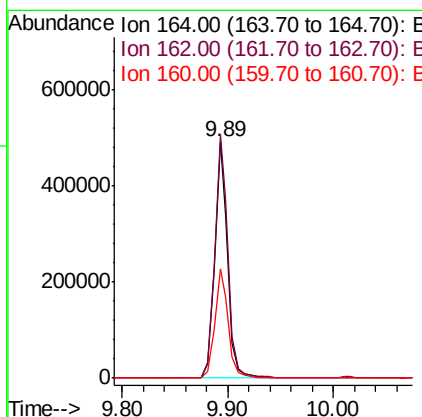
RT: 9.89 min Scan# 1327

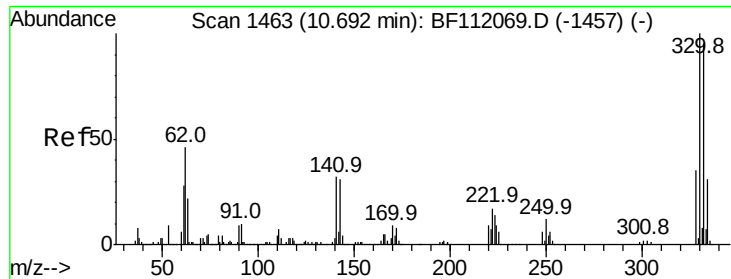
Delta R.T. -0.01 min

Lab File: BF112215.D

Acq: 24 Jan 2019 18:10

Tgt Ion:	164	Resp:	426637
Ion Ratio	Lower	Upper	
164	100		
162	103.1	82.2	123.4
160	46.4	36.2	54.4





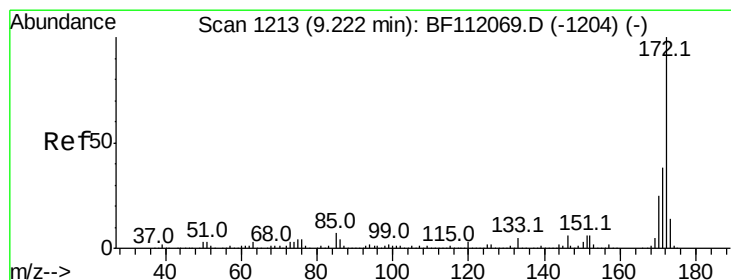
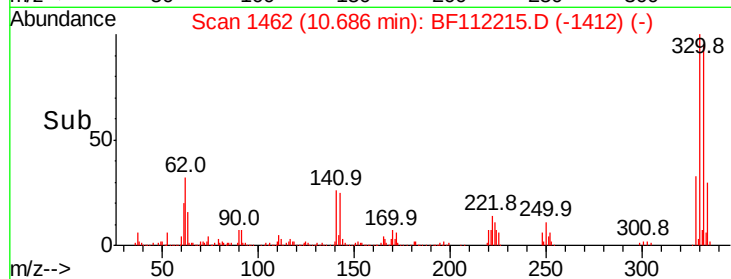
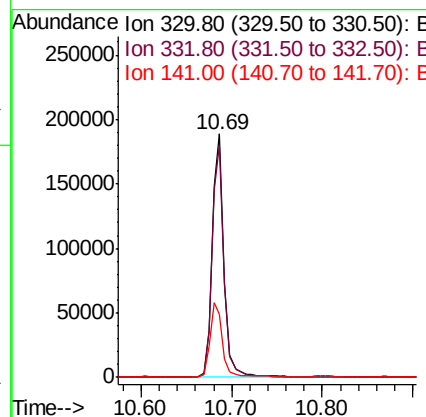
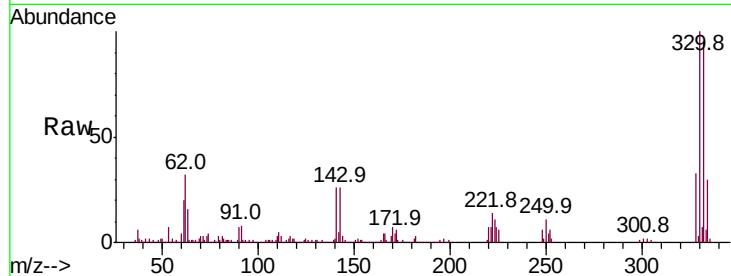
#42
 2,4,6-Tribromophenol
 Concen: 37.887 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112215.D
 Acq: 24 Jan 2019 18:10

Instrument :
 BNA_F
 ClientSampled :
 TS-O

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	32.5	24.3	36.5

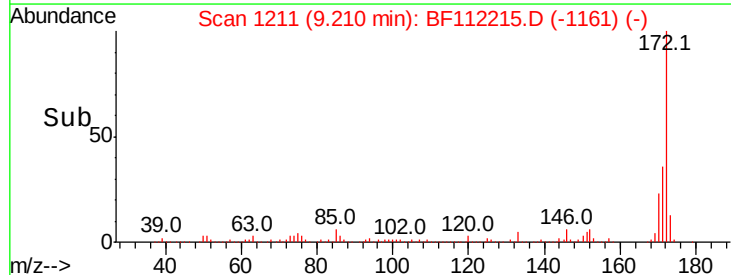
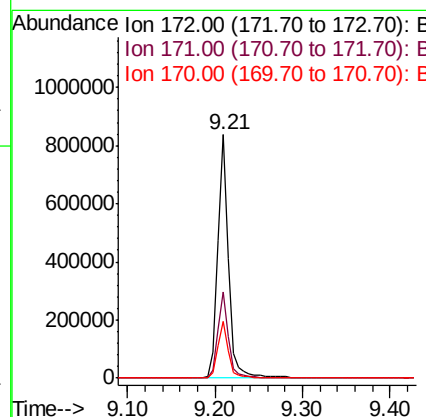
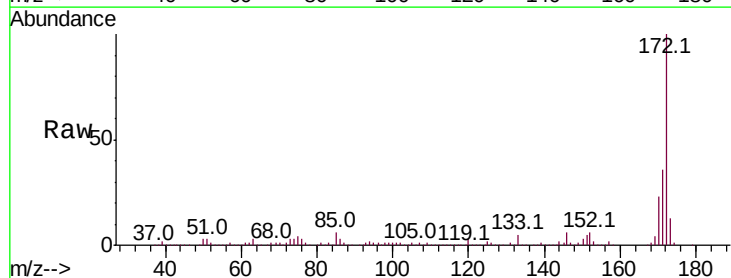
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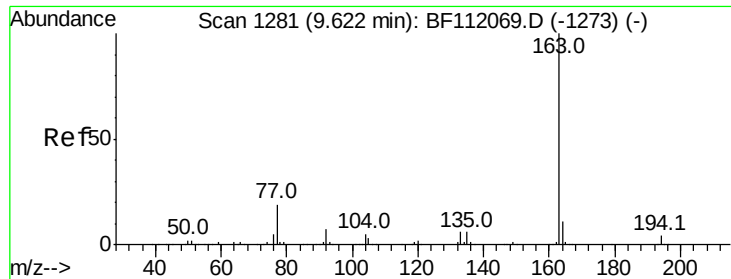
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#45
 2-Fluorobiphenyl
 Concen: 24.776 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112215.D
 Acq: 24 Jan 2019 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.2	20.2	30.4





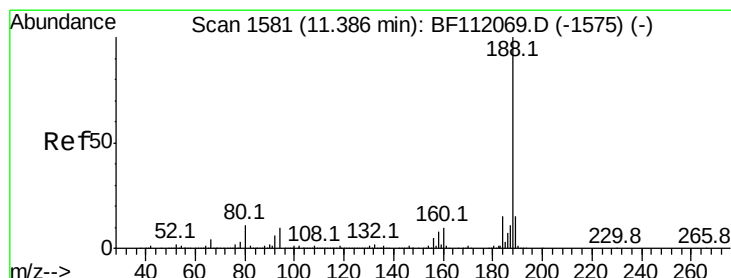
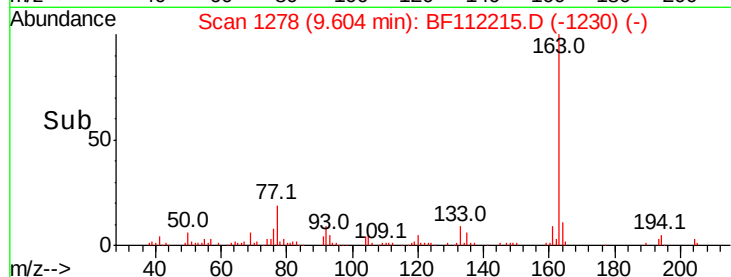
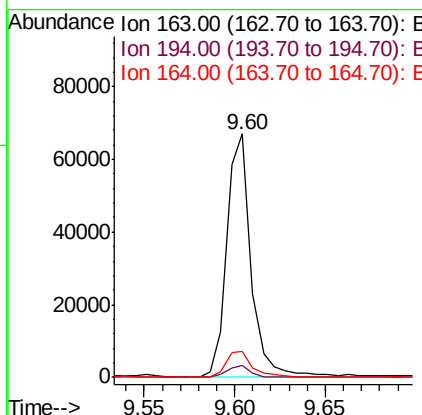
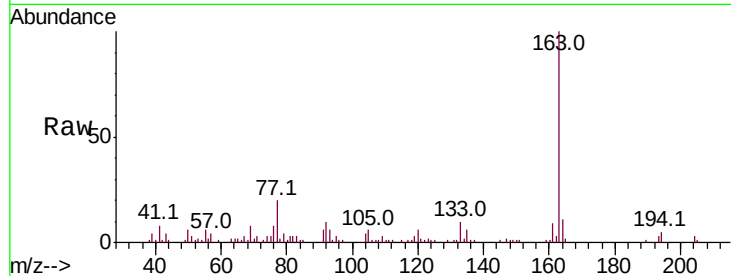
#50
Dimethylphthalate
Concen: 2.020 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112215.D
Acq: 24 Jan 2019 18:10

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	163	Resp:	62863
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.3	4.9
164	10.7	8.5	12.7

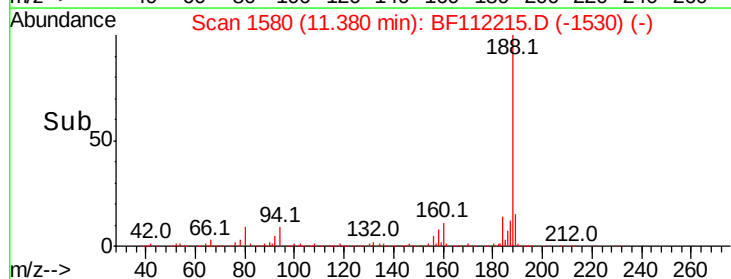
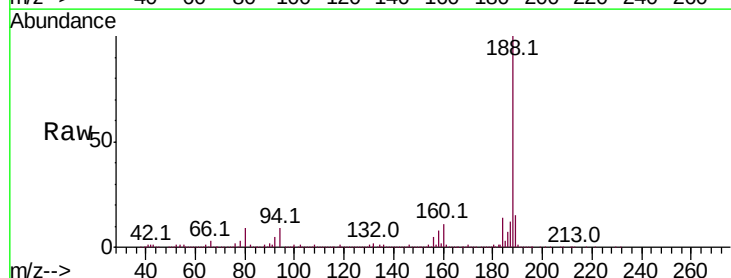
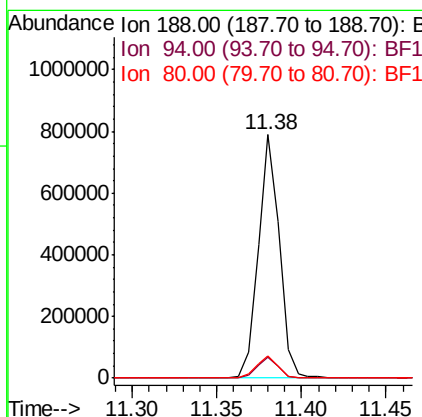
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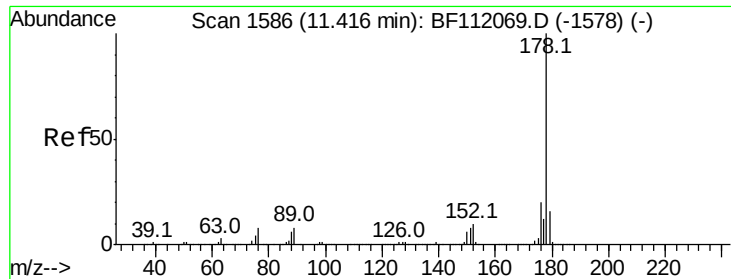
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112215.D
Acq: 24 Jan 2019 18:10

Tgt Ion:	188	Resp:	685095
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.2	12.2
80	9.3	8.9	13.3





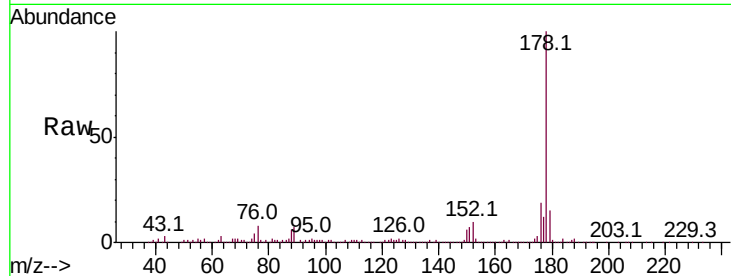
#71
Phenanthrene
Concen: 6.511 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF112215.D
Acq: 24 Jan 2019 18:10

Instrument :
BNA_F
ClientSampleId :
TS-O

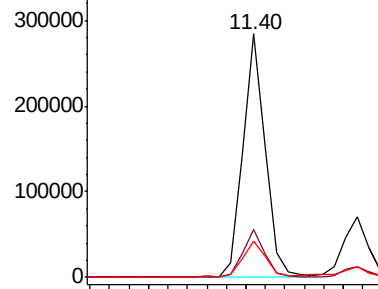
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.3	24.5
179	14.8	13.0	19.4

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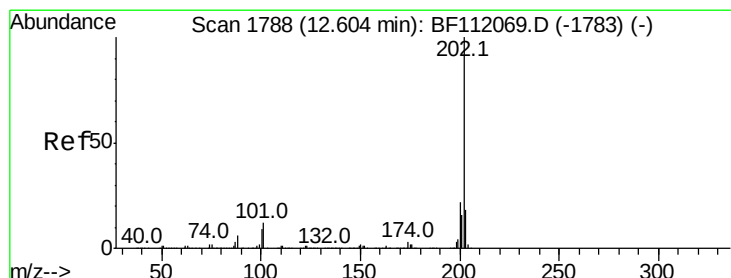
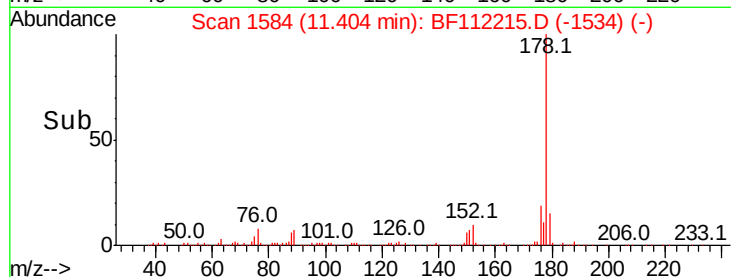
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



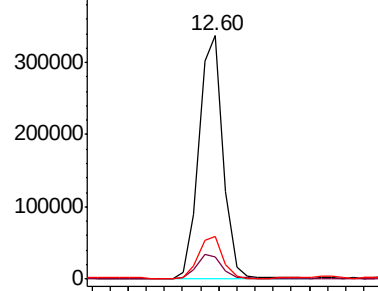
Time-->



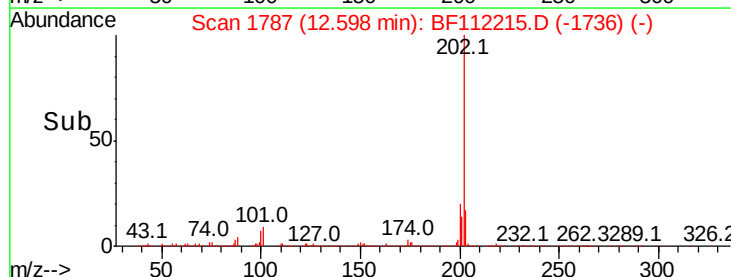
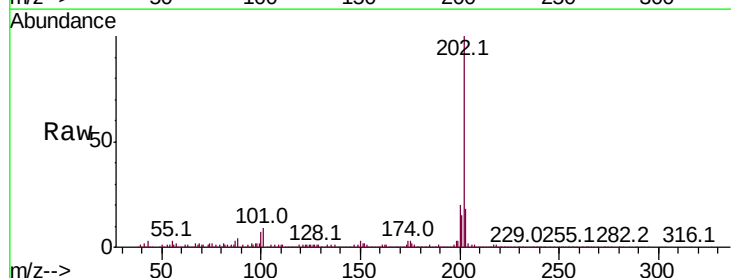
#75
Fluoranthene
Concen: 8.577 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF112215.D
Acq: 24 Jan 2019 18:10

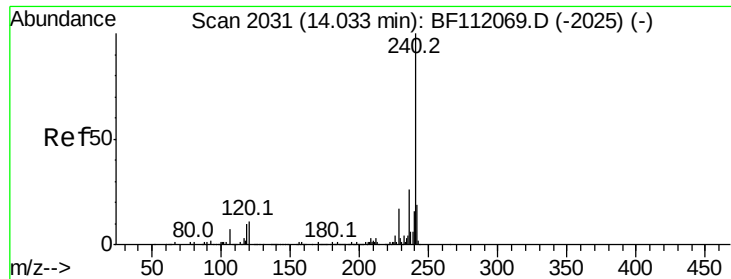
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	31.8
203	17.6	0.0	38.4

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



Time-->





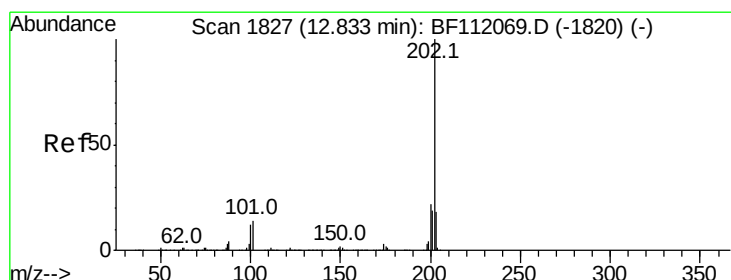
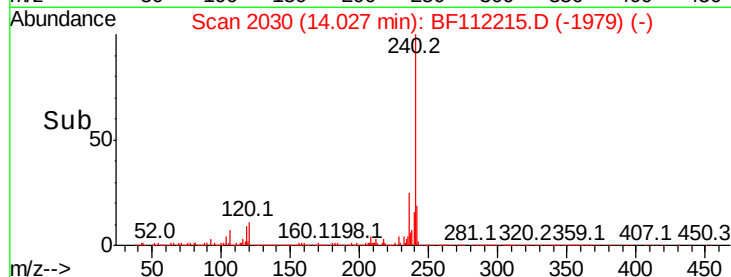
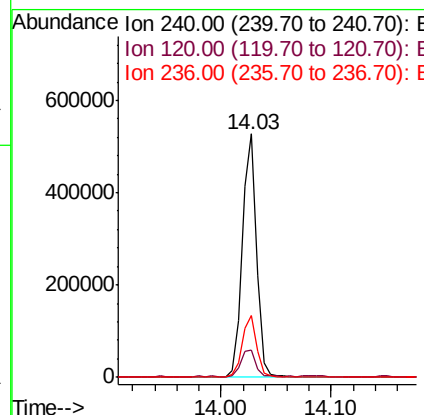
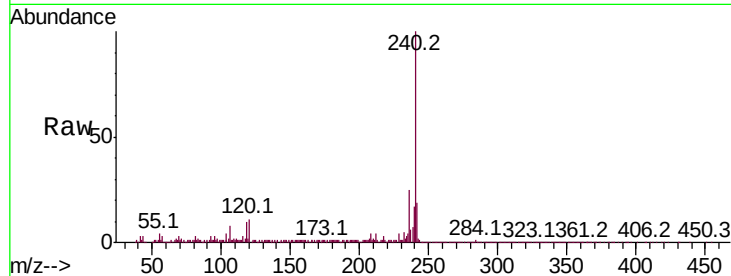
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF112215.D
Acq: 24 Jan 2019 18:10

Instrument :
BNA_F
ClientSampleId :
TS-O

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.6
236	25.5	20.7	31.1

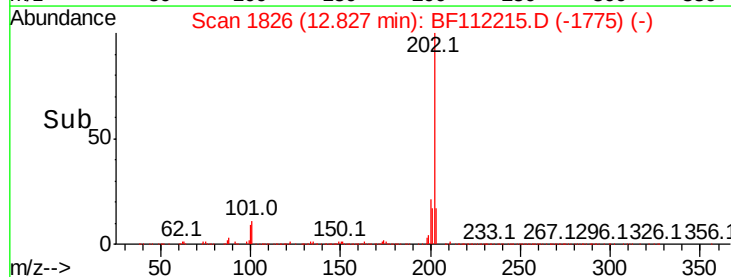
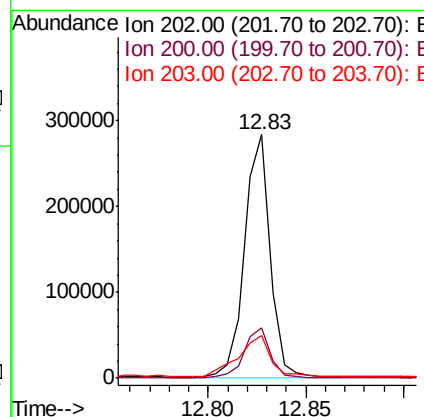
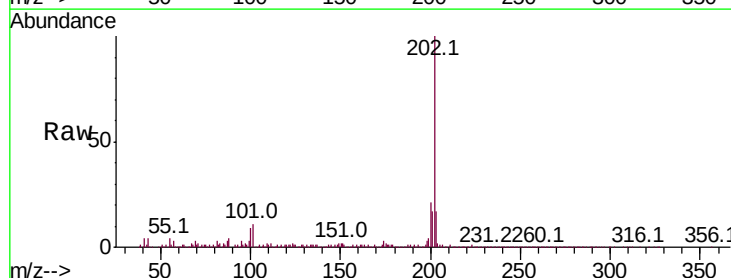
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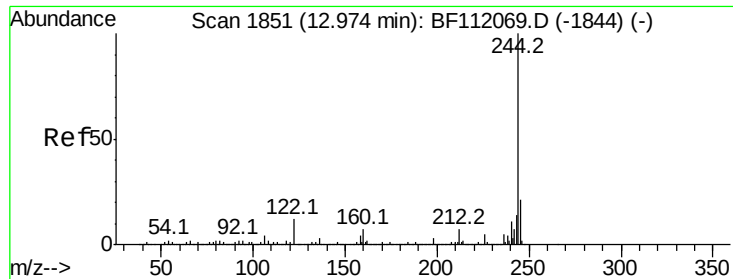
Sohil
1/25/2019 10:05:14 AM



#78
Pyrene
Concen: 8.222 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112215.D
Acq: 24 Jan 2019 18:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	17.3	14.6	22.0





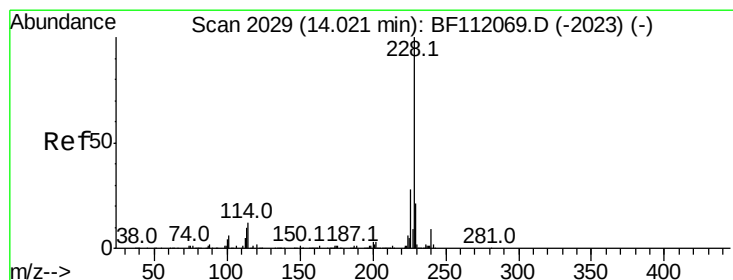
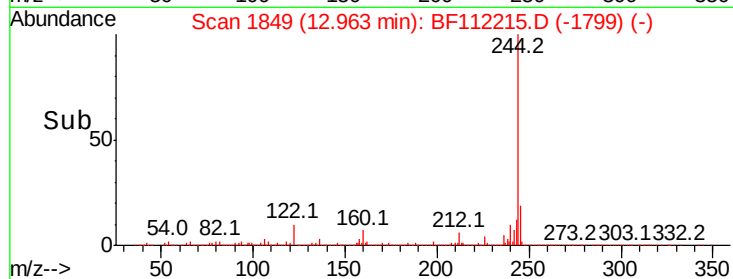
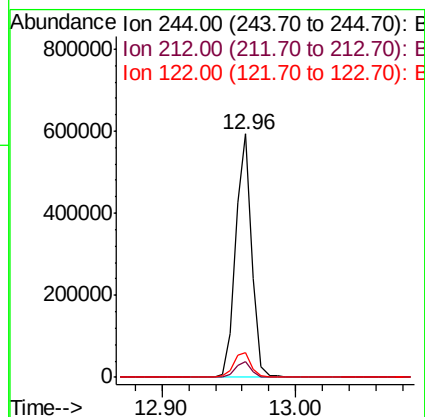
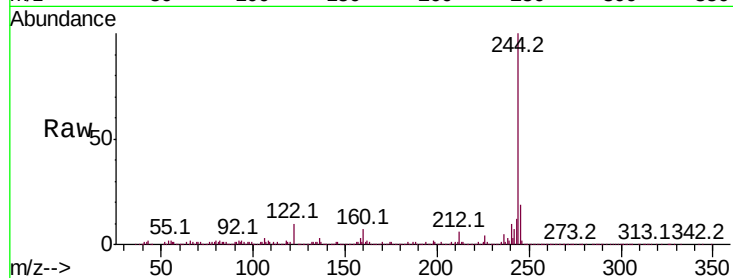
#79
 Terphenyl-d14
 Concen: 22.464 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112215.D
 Acq: 24 Jan 2019 18:10

Instrument :
 BNA_F
 ClientSampleId :
 TS-O

Tot Ion:	244	Resp:	501170
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.9	8.9
122	10.4	9.8	14.6

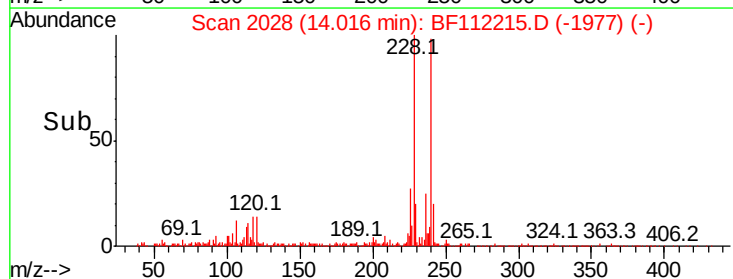
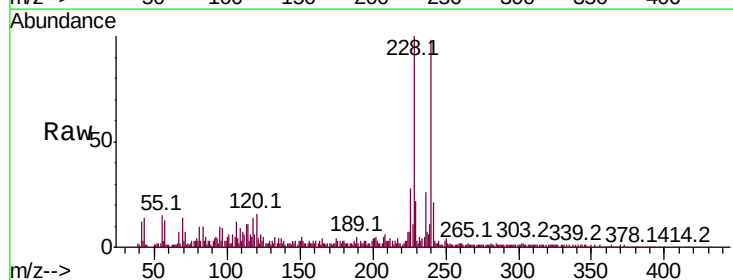
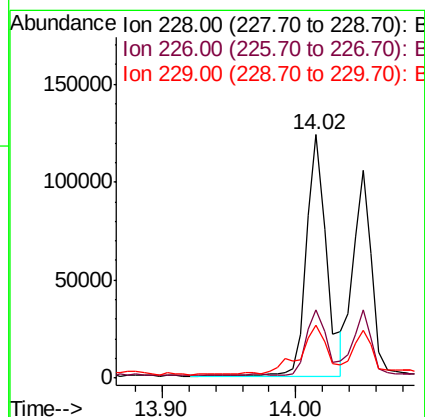
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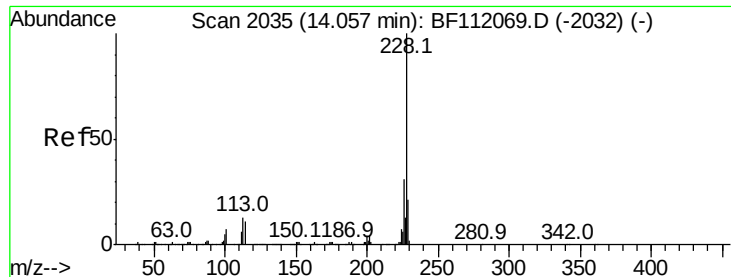
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#81
 Benzo(a)anthracene
 Concen: 4.654 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF112215.D
 Acq: 24 Jan 2019 18:10

Tgt Ion:	228	Resp:	126644
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	34.0
229	21.8	16.5	24.7





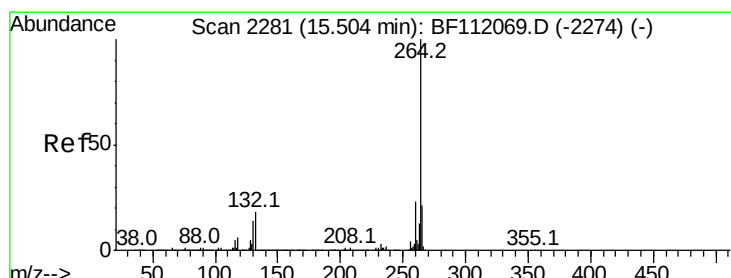
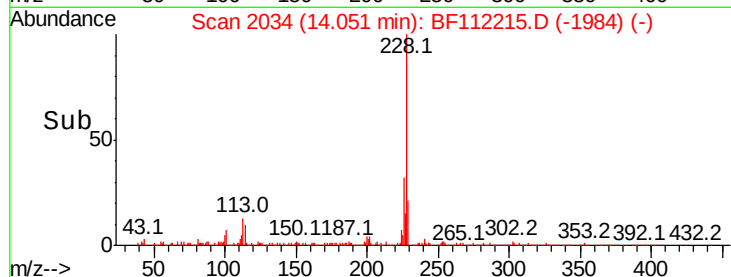
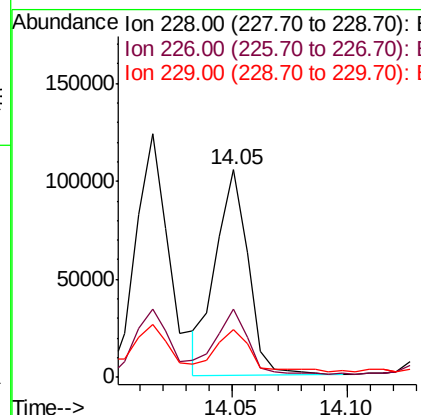
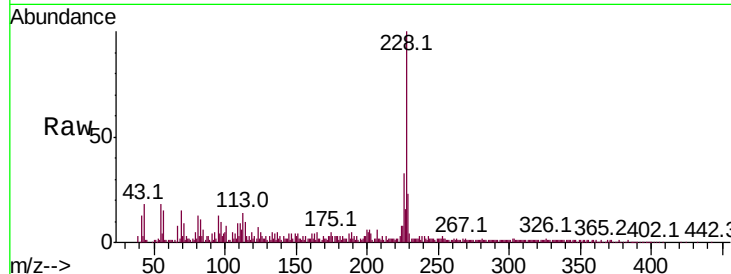
#83
Chrysene
Concen: 3.983 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF112215.D
Acq: 24 Jan 2019 18:10

Instrument :
BNA_F
ClientSampled :
TS-O

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.0	37.6
229	23.2	16.6	24.8

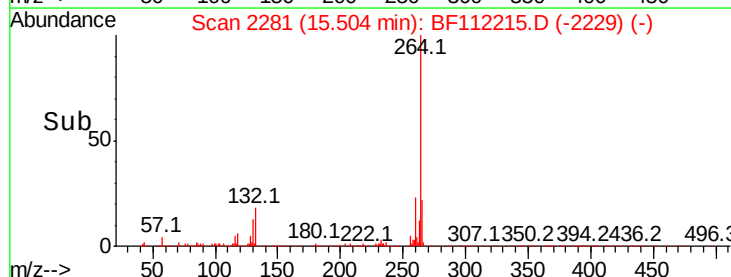
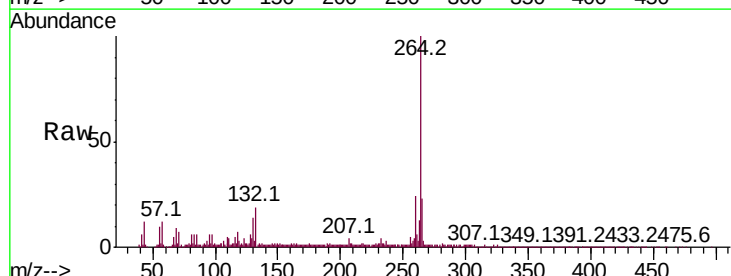
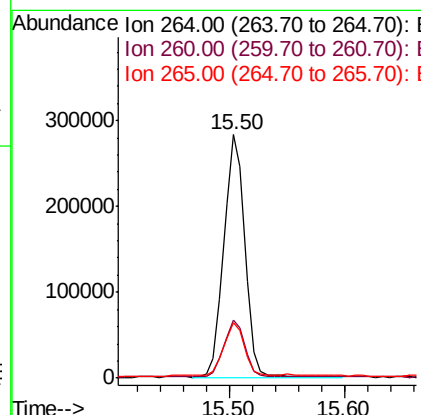
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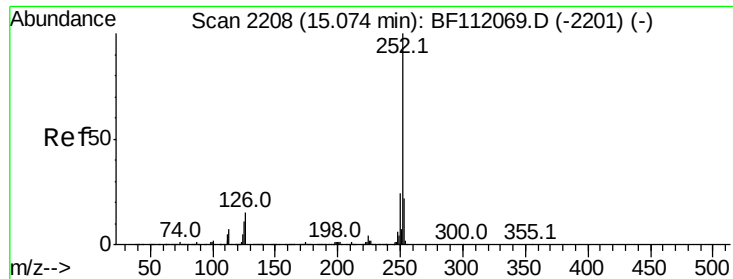
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF112215.D
Acq: 24 Jan 2019 18:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.8	17.0	25.4





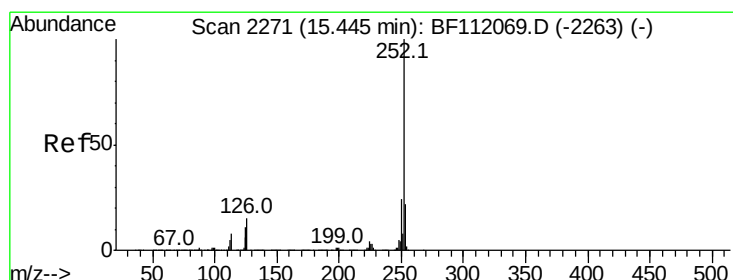
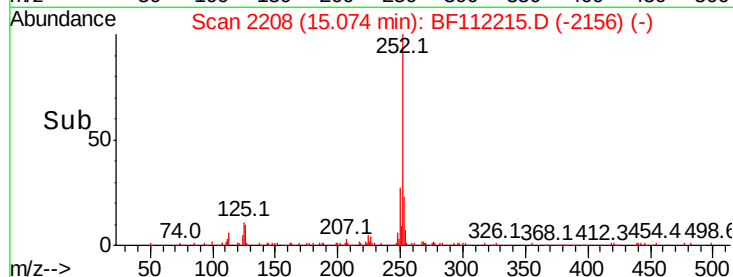
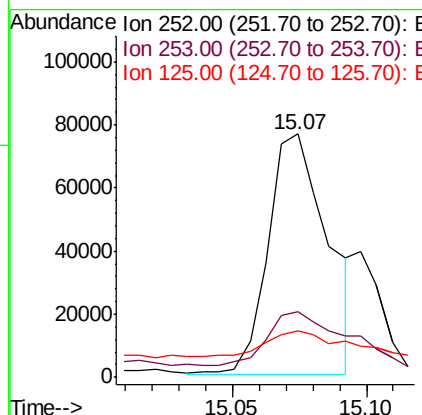
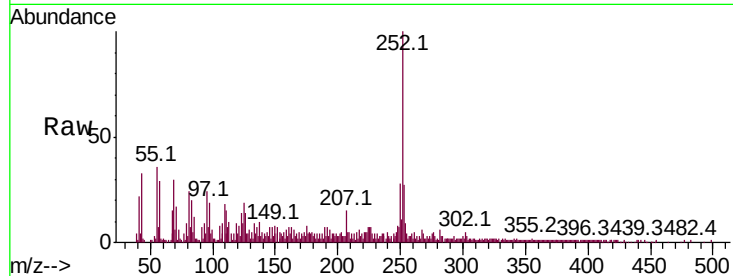
#88
Benzo(b)fluoranthene
Concen: 5.803 ng m
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF112215.D
Acq: 24 Jan 2019 18:10

Instrument :
BNA_F
ClientSampled :
TS-O

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.0	27.0
125	18.9	8.7	13.1

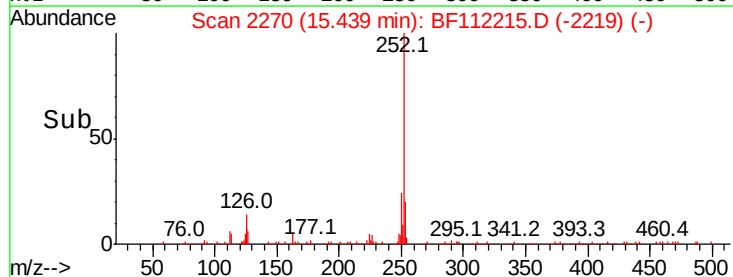
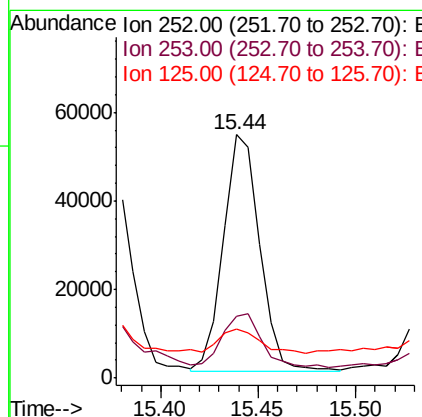
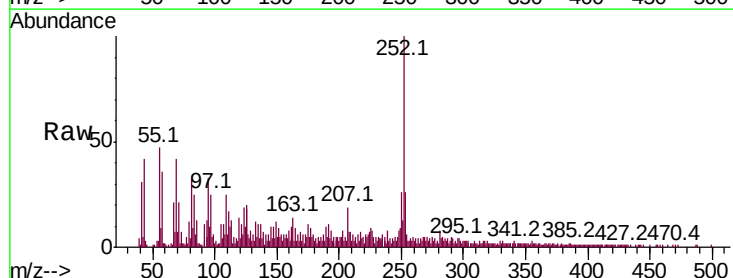
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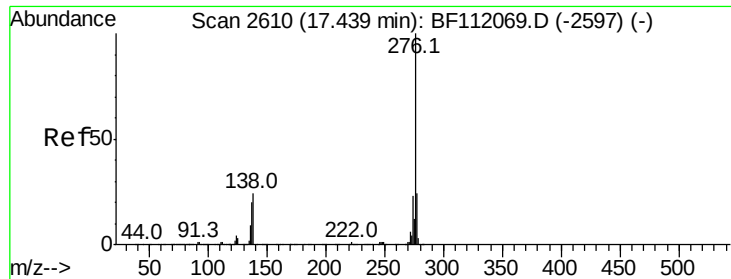
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#90
Benzo(a)pyrene
Concen: 3.713 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF112215.D
Acq: 24 Jan 2019 18:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	20.3	9.0	13.4





#92
 Benzo(a,h,i)perylene
 Concen: 2.274 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF112215.D
 Acq: 24 Jan 2019 18:10

Instrument :
 BNA_F
 ClientSampled :
 TS-O

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.3	19.4	29.0#
138	29.0	19.1	28.7#

Manual Integrations
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Sohil
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