

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113552.D
 Acq On : 3 Apr 2019 19:18
 Operator : JU/SJ
 Sample : K2213-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S9A(2-10)COMP

Manual Integrations
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Quant Time: Apr 04 05:09:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	137887	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	512958	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	240260	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	449566	20.00	ng	0.00
76) Chrysene-d12	13.84	240	361490	20.00	ng	0.00
87) Perylene-d12	15.25	264	305897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	840285	103.92	ng	0.00
7) Phenol-d6	6.33	99	1094734	109.84	ng	0.00
23) Nitrobenzene-d5	7.25	82	646035	73.77	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	297530	103.09	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1212129	81.22	ng	0.00
79) Terphenyl-d14	12.79	244	1200739	67.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.44	163	83528	4.716	ng	Qvalue 100
72) Anthracene	11.28	178	47904	2.108	ng	97
75) Fluoranthene	12.42	202	229441	9.585	ng	98
78) Pyrene	12.64	202	215566	7.837	ng	98
81) Benzo(a)anthracene	13.83	228	94804	4.546	ng	100
83) Chrysene	13.86	228	126139	5.967	ng	99
88) Benzo(b)fluoranthene	14.85	252	112917m	6.030	ng	
89) Benzo(k)fluoranthene	14.87	252	34048m	2.026	ng	
90) Benzo(a)pyrene	15.19	252	35391	2.127	ng	# 87

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

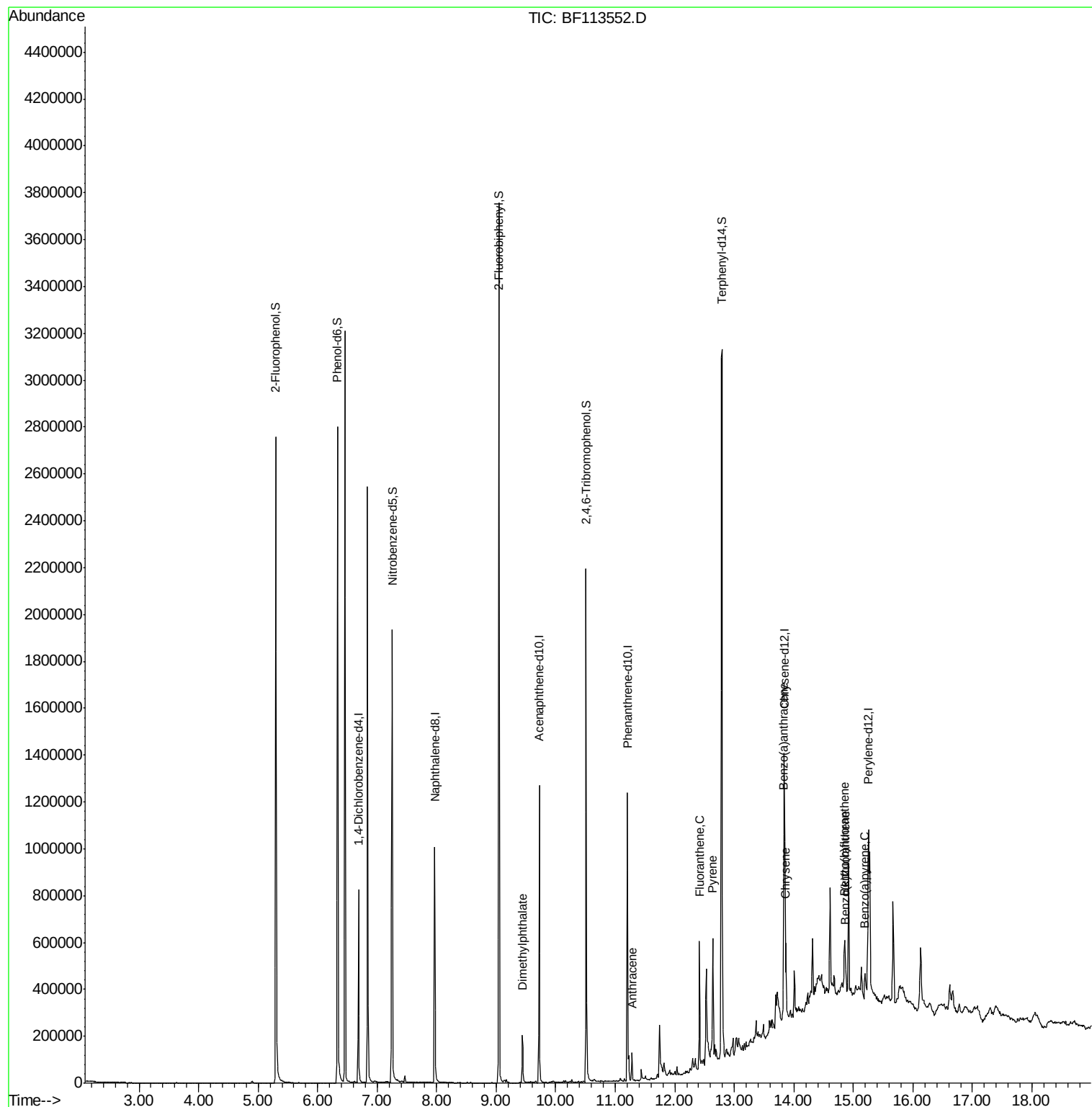
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113552.D
Acq On : 3 Apr 2019 19:18
Operator : JU/SJ
Sample : K2213-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

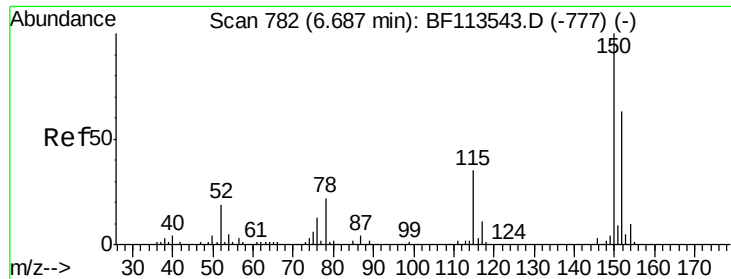
Instrument :
BNA_F
ClientSampleId :
S9A(2-10)COMP

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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#1

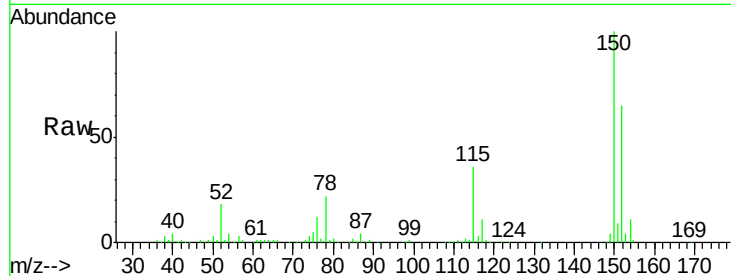
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113552.D
Acq: 3 Apr 2019 19:18

Instrument :
BNA_F
ClientSampleId :
S9A(2-10)COMP

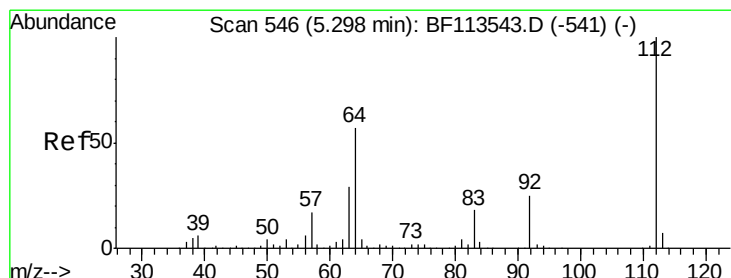
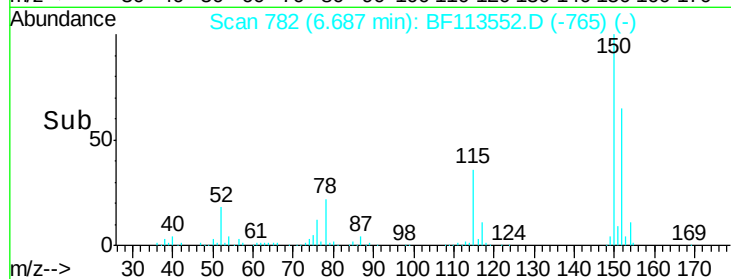
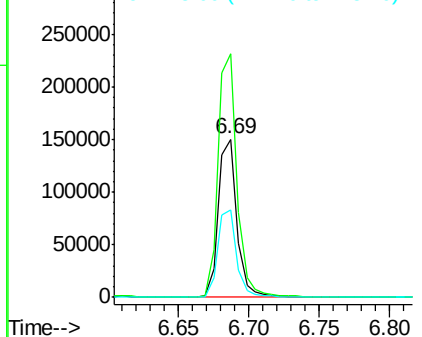
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.7	187.1
115	55.4	46.0	69.0

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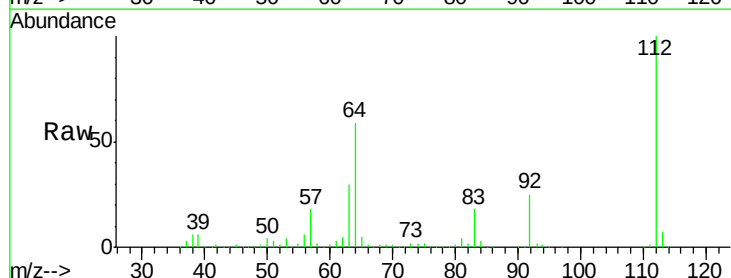
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



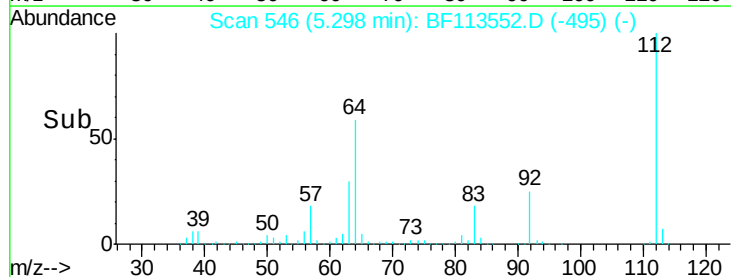
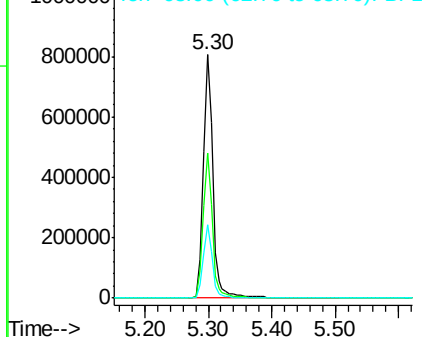
#5

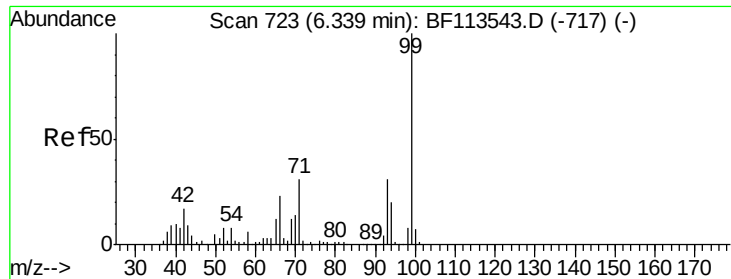
2-Fluorophenol
Concen: 103.917 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113552.D
Acq: 3 Apr 2019 19:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	49.2	73.8
63	30.0	24.9	37.3



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: 109.845 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113552.D

Acq: 3 Apr 2019 19:18

Instrument :

BNA_F

ClientSampleId :

S9A(2-10)COMP

Tgt Ion: 99 Resp: 1094734

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

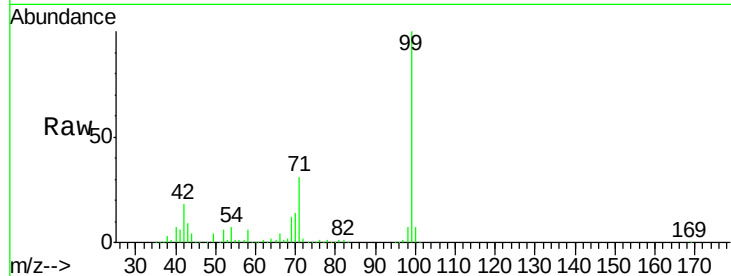
71 31.3 24.9 37.3

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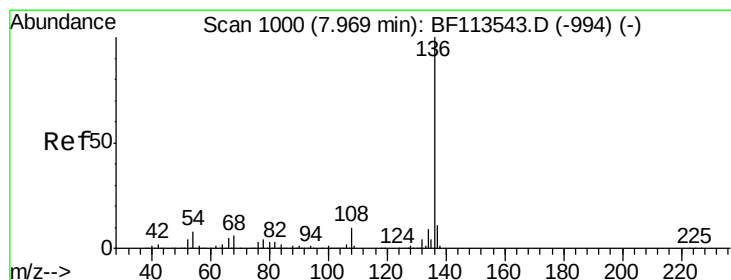
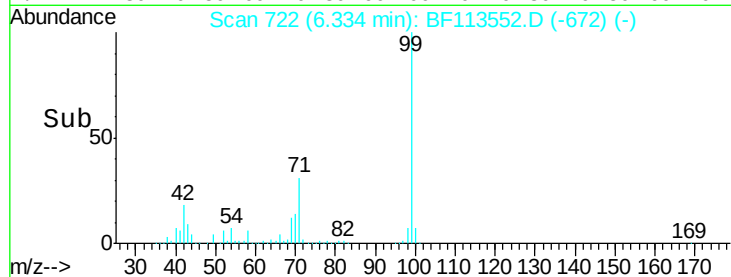
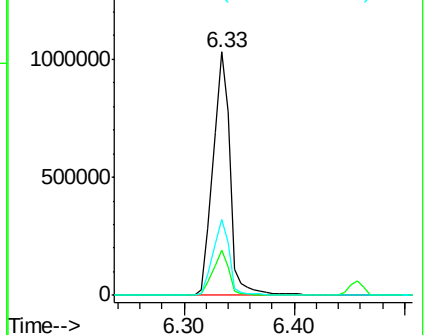
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113552.D

Acq: 3 Apr 2019 19:18

Tgt Ion: 136 Resp: 512958

Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.0 7.0 10.6#

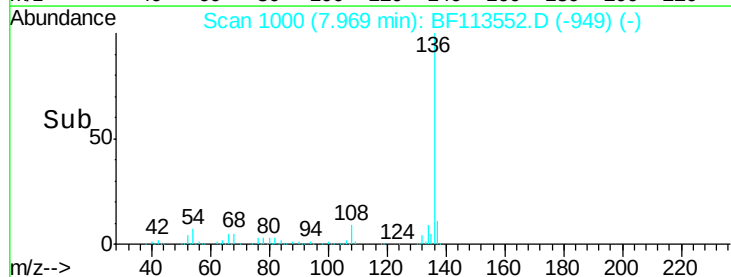
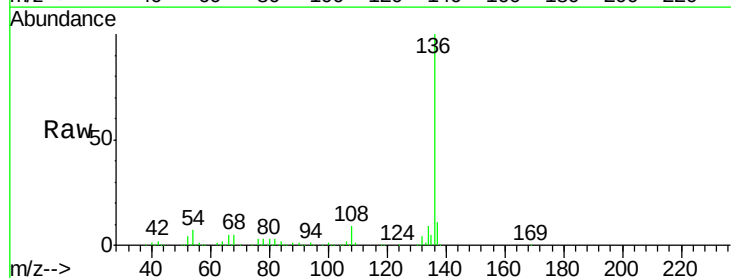
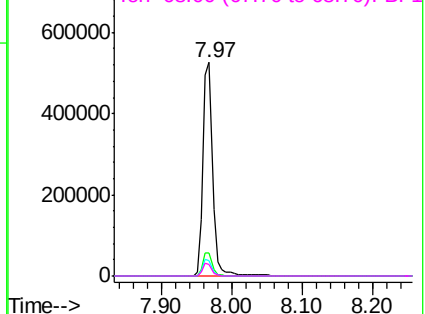
68 5.3 4.8 7.2

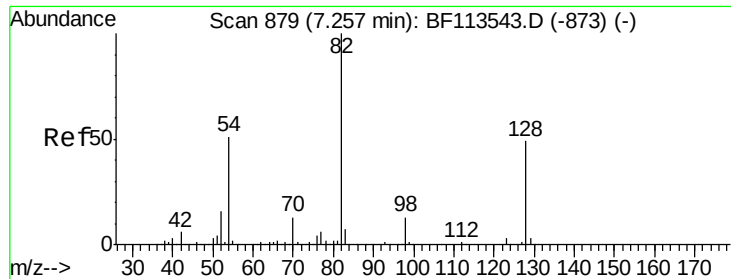
Abundance Ion 136.00 (135.70 to 136.70): E

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





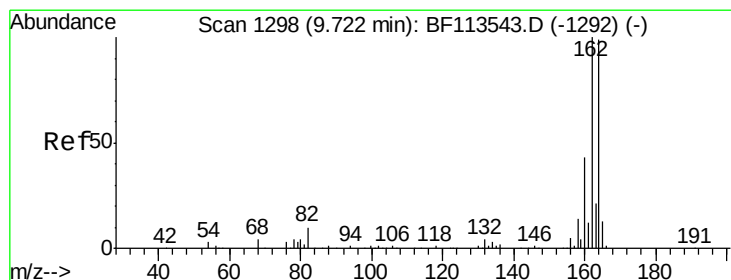
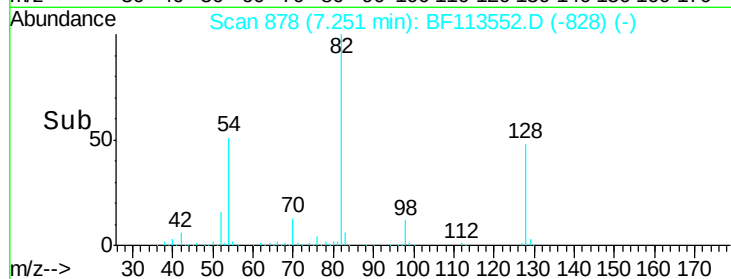
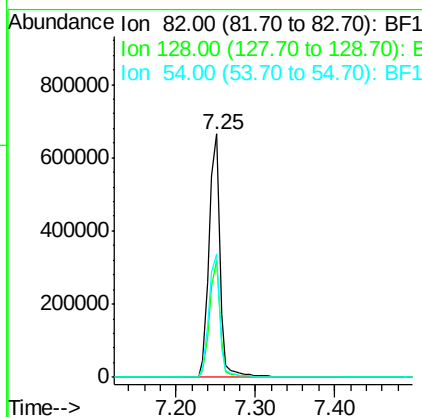
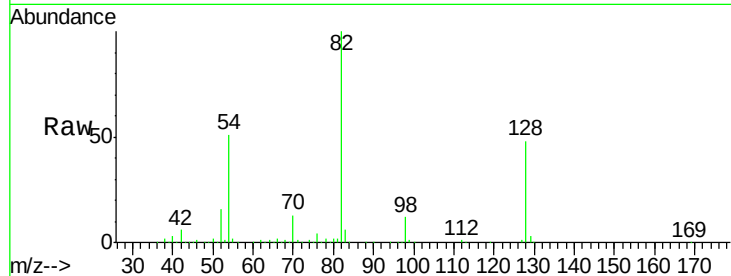
#23
 Nitrobenzene-d5
 Concen: 73.771 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113552.D
 Acq: 3 Apr 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 S9A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.5	54.7
54	50.8	42.2	63.2

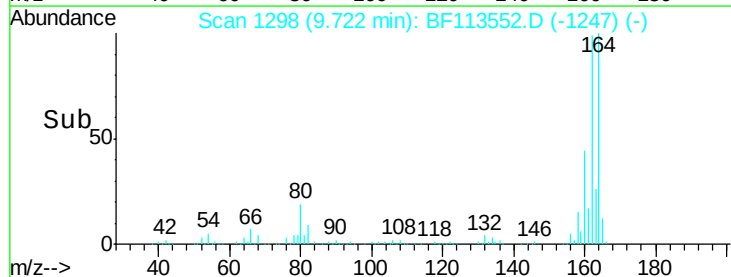
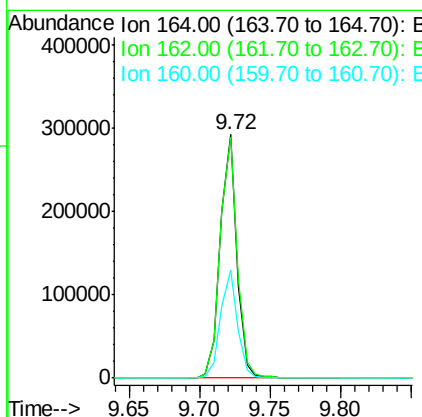
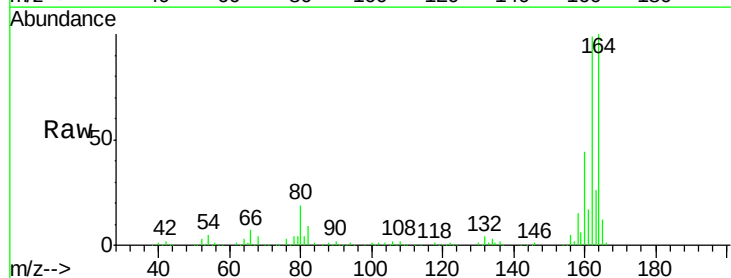
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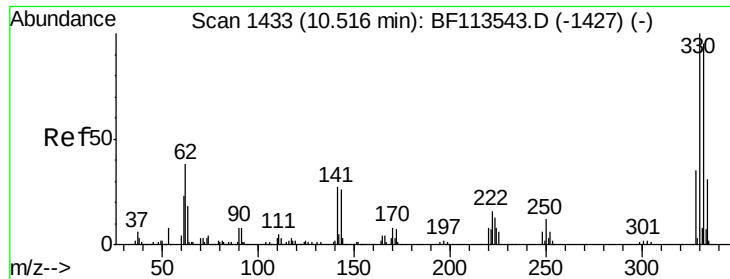
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF113552.D
 Acq: 3 Apr 2019 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.8	122.6
160	44.4	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 103.090 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113552.D

Acq: 3 Apr 2019 19:18

Instrument :

BNA_F

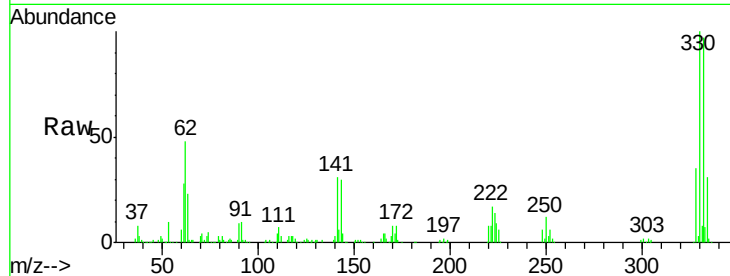
ClientSampleId :

S9A(2-10)COMP

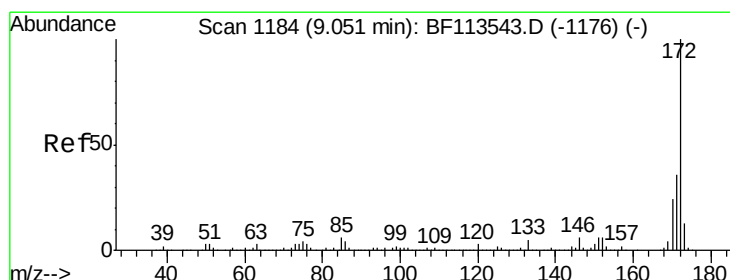
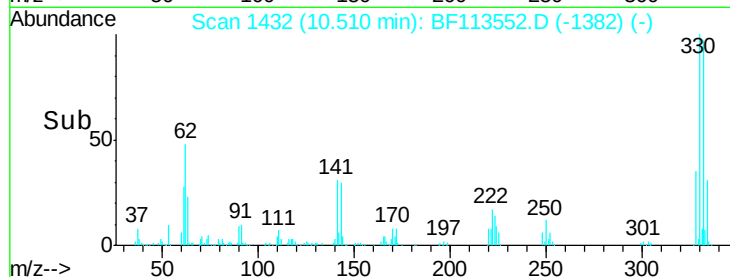
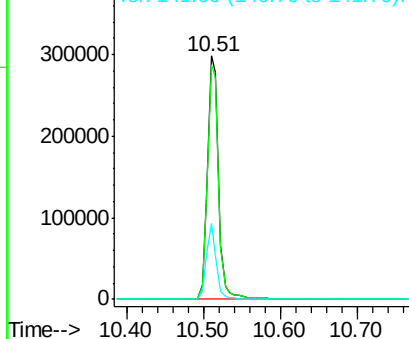
Tgt Ion:	330	Resp:	297530
Ion Ratio		Lower	Upper
330	100		
332	96.5	77.8	116.6
141	27.9	22.7	34.1

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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: 81.220 ng

RT: 9.05 min Scan# 1183

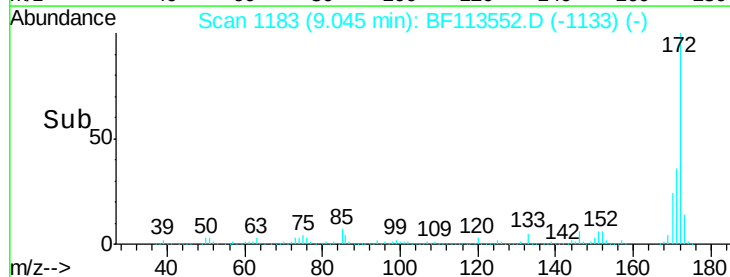
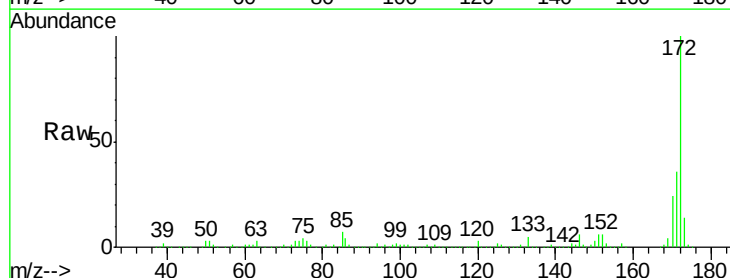
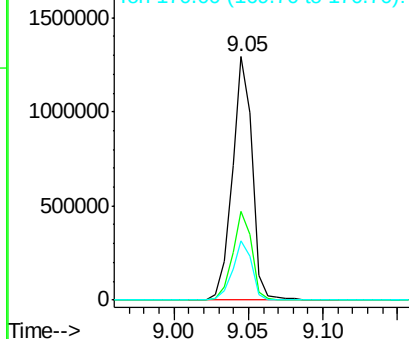
Delta R.T. -0.01 min

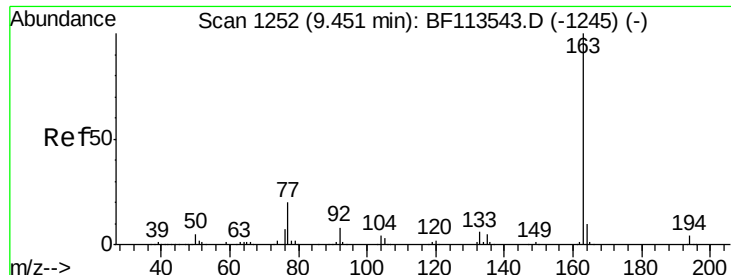
Lab File: BF113552.D

Acq: 3 Apr 2019 19:18

Tgt Ion:	172	Resp:	1212129
Ion Ratio		Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.2	19.5	29.3

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





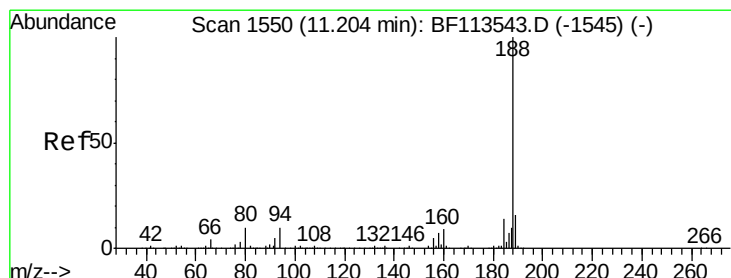
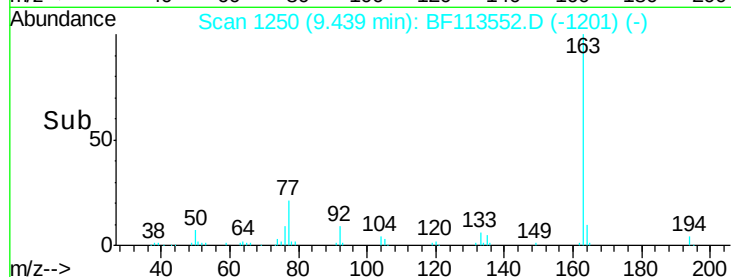
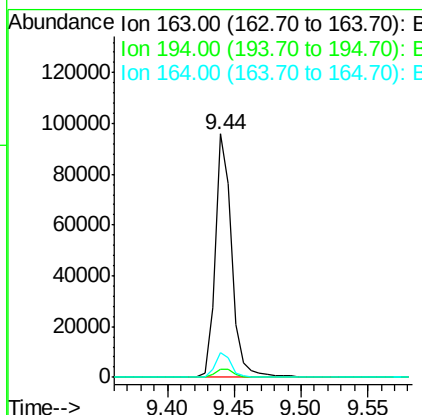
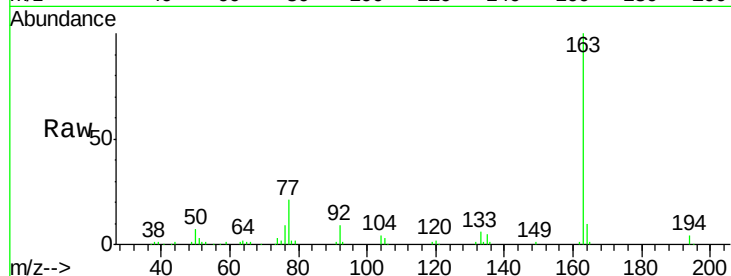
#50
Dimethylphthalate
Concen: 4.716 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF113552.D
Acq: 3 Apr 2019 19:18

Instrument :
BNA_F
ClientSampleId :
S9A(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	83528		
194	3.5		3.0	4.6
164	10.2		8.1	12.1

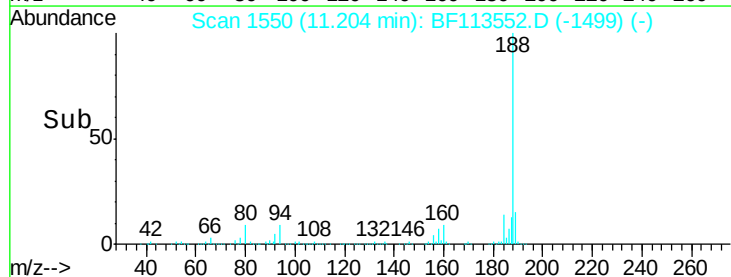
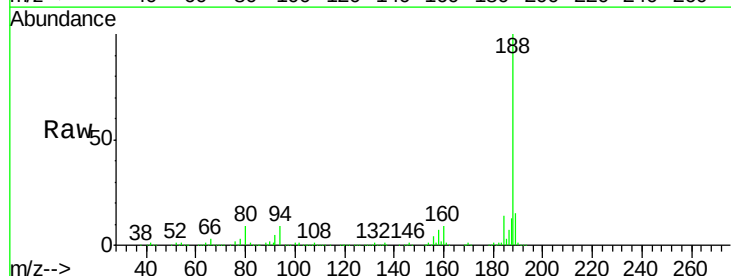
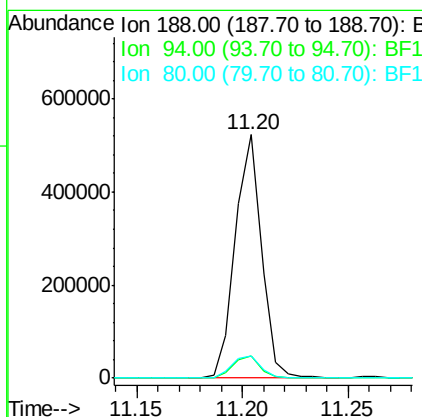
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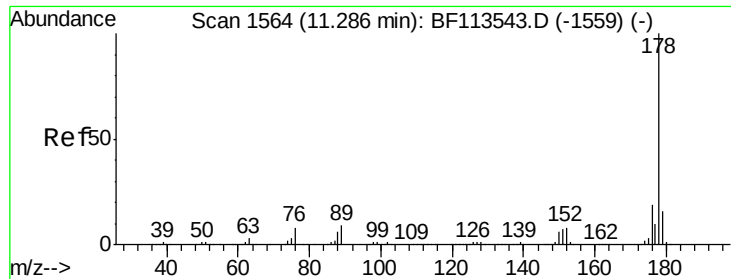
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF113552.D
Acq: 3 Apr 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	449566		
94	9.1		7.0	10.6
80	9.2		7.7	11.5





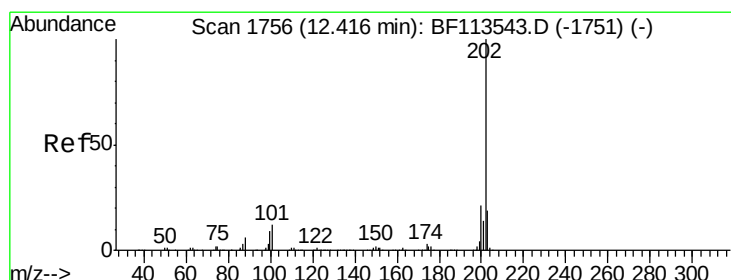
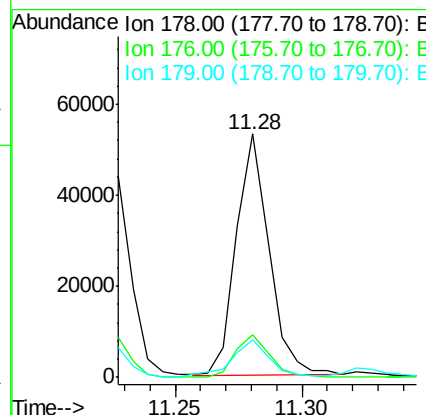
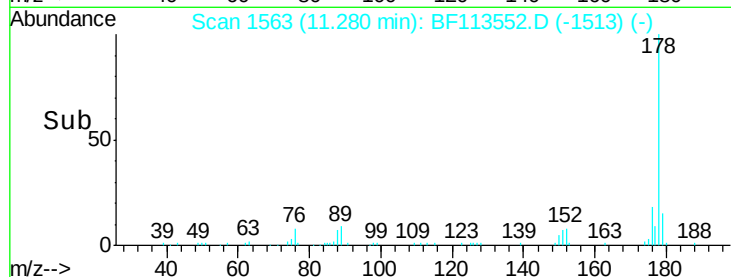
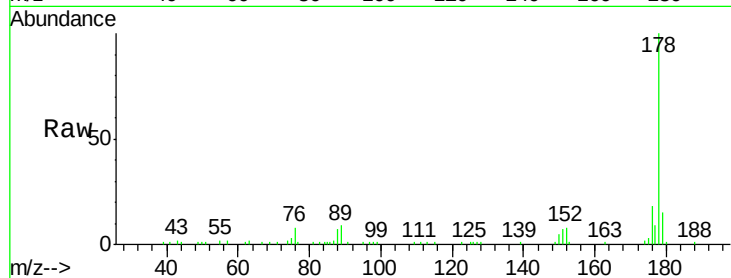
#72
 Anthracene
 Concen: 2.108 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF113552.D
 Acq: 3 Apr 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 S9A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.2	12.8	19.2

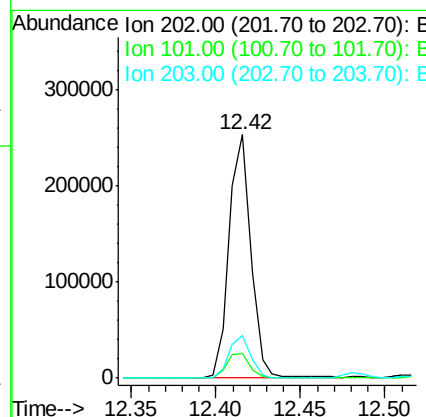
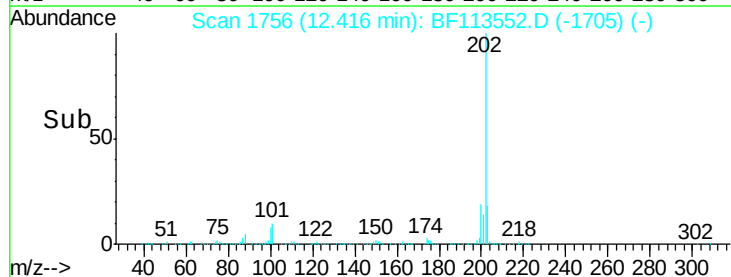
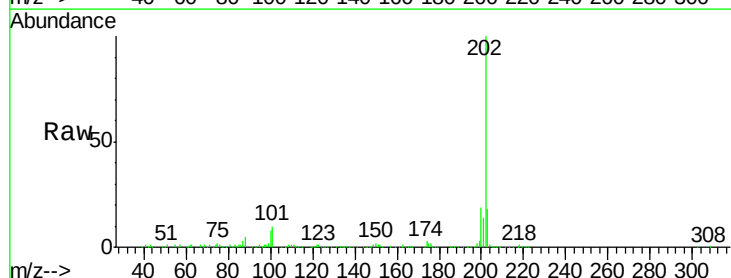
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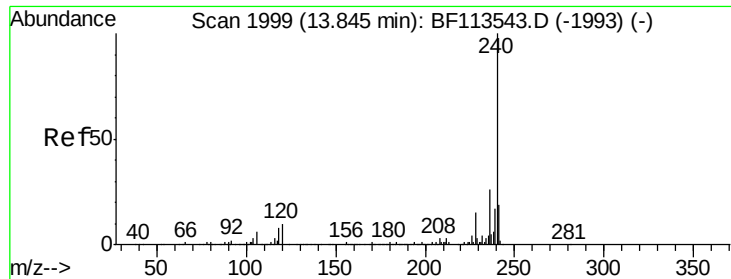
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#75
 Fluoranthene
 Concen: 9.585 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BF113552.D
 Acq: 3 Apr 2019 19:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.4
203	17.6	0.0	38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113552.D

Acq: 3 Apr 2019 19:18

Instrument :

BNA_F

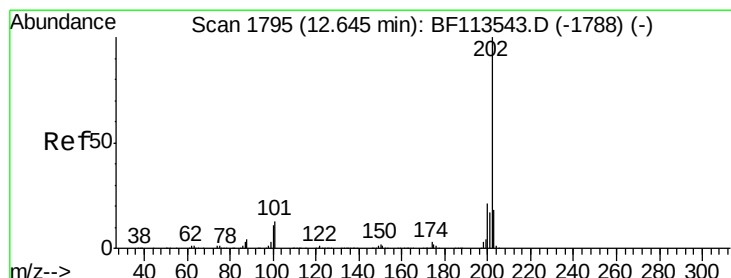
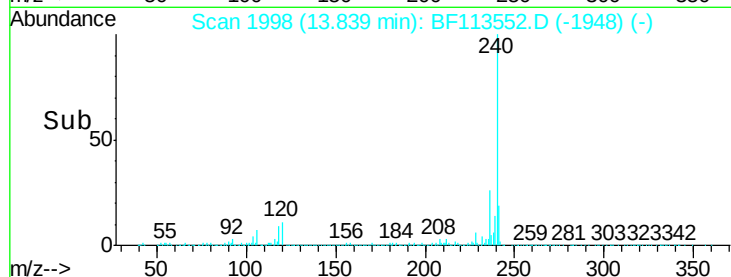
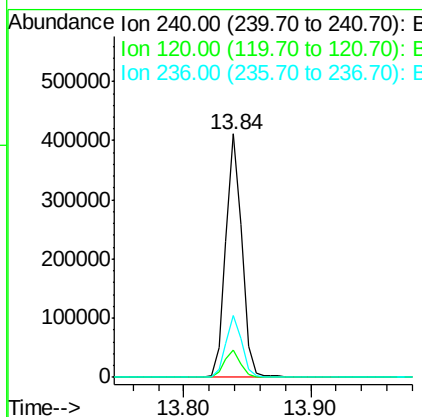
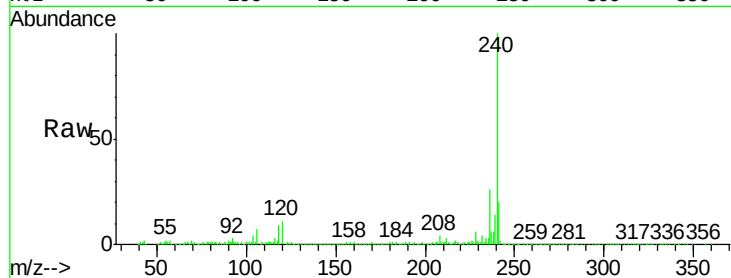
ClientSampleId :

S9A(2-10)COMP

Tgt Ion:	240	Resp:	361490
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.8	13.2
236	25.6	20.9	31.3

Manual Integrations
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#78

Pyrene

Concen: 7.837 ng

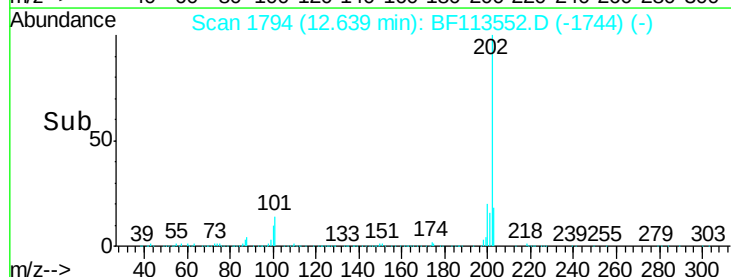
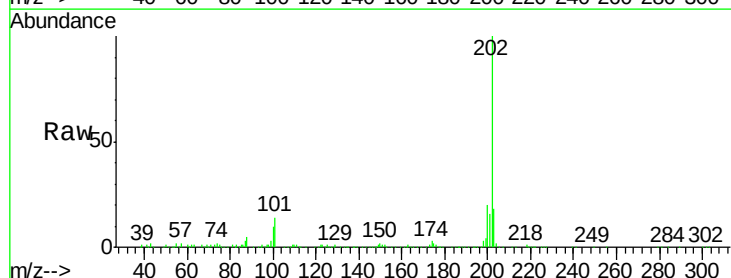
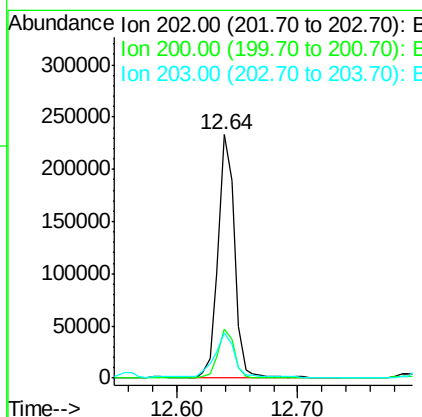
RT: 12.64 min Scan# 1794

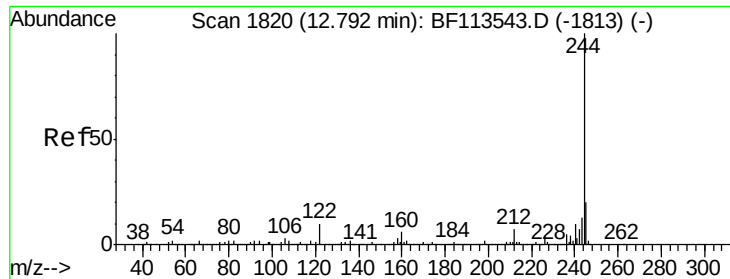
Delta R.T. -0.01 min

Lab File: BF113552.D

Acq: 3 Apr 2019 19:18

Tgt Ion:	202	Resp:	215566
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.8	25.2
203	18.4	14.4	21.6





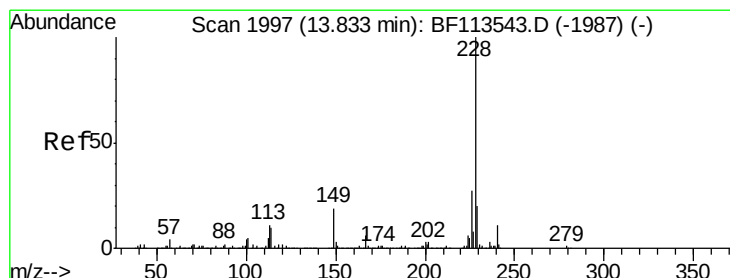
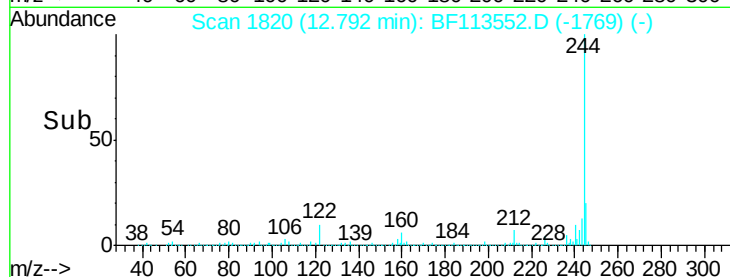
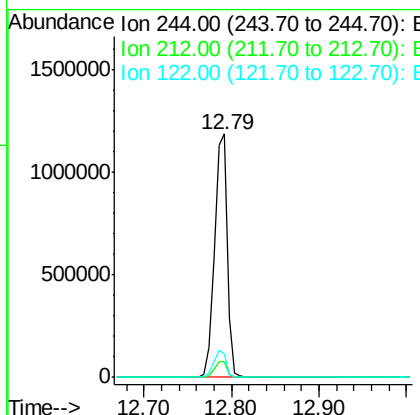
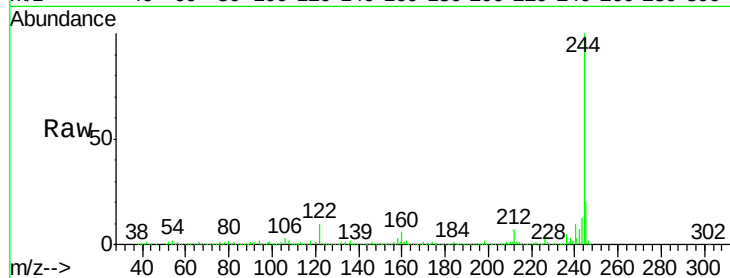
#79
 Terphenyl-d14
 Concen: 67.629 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BF113552.D
 Acq: 3 Apr 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 S9A(2-10)COMP

Tgt Ion:244 Resp: 1200739
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 9.7 8.6 13.0

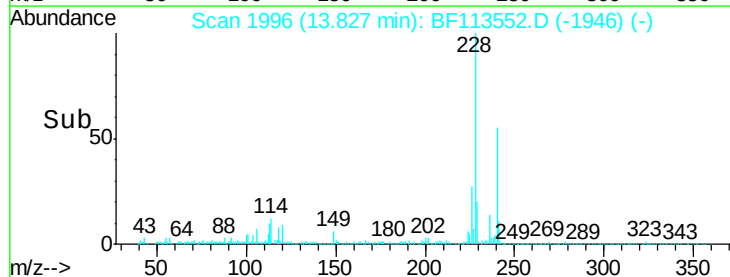
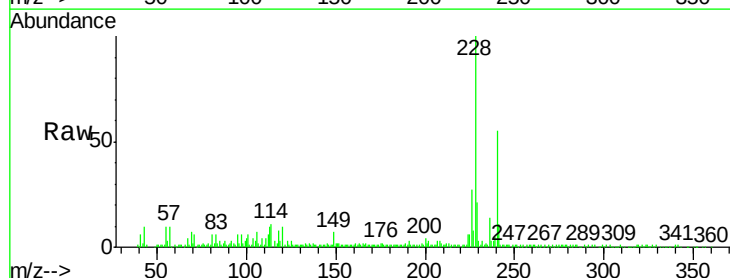
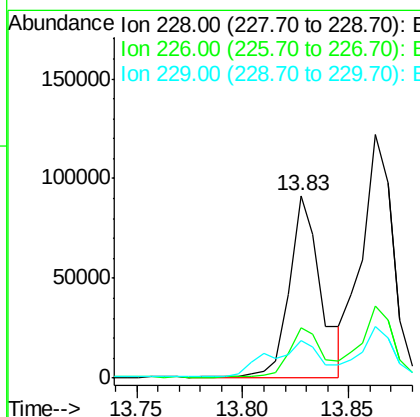
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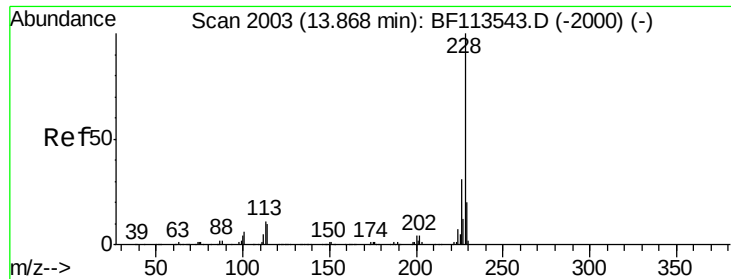
Sohil
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#81
 Benzo(a)anthracene
 Concen: 4.546 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF113552.D
 Acq: 3 Apr 2019 19:18

Tgt Ion:228 Resp: 94804
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.8 32.8
 229 20.6 16.2 24.4





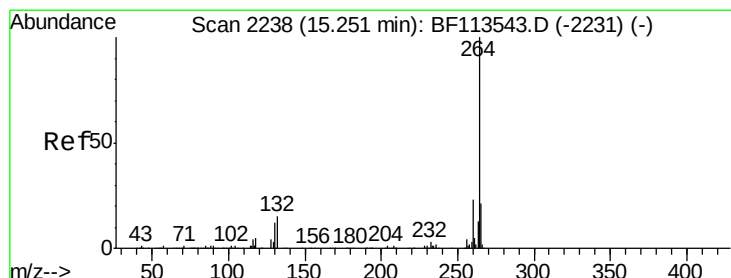
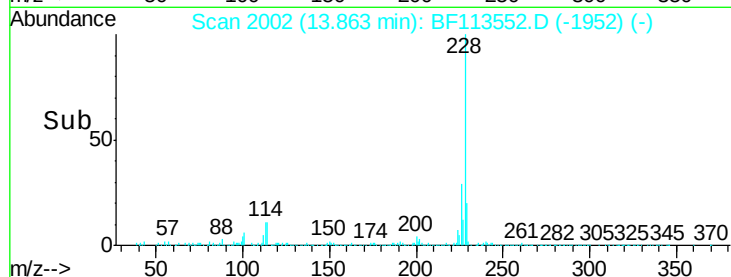
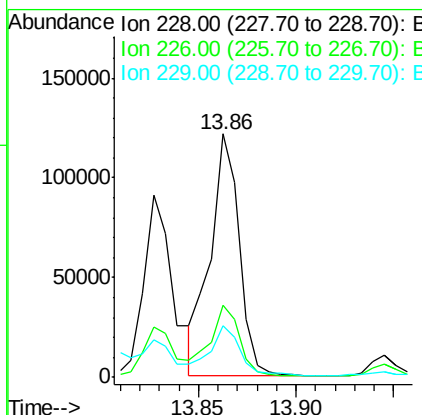
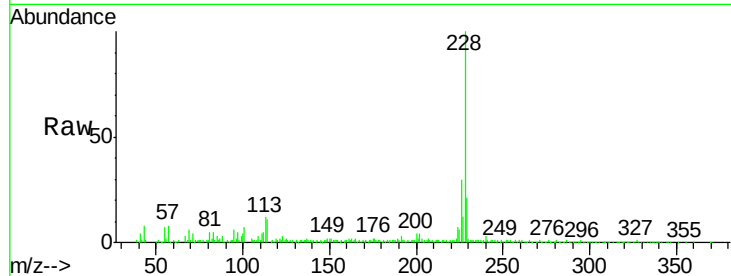
#83
Chrysene
Concen: 5.967 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113552.D
Acq: 3 Apr 2019 19:18

Instrument :
BNA_F
ClientSampleId :
S9A(2-10)COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.8	24.3	36.5
229	21.0	16.3	24.5

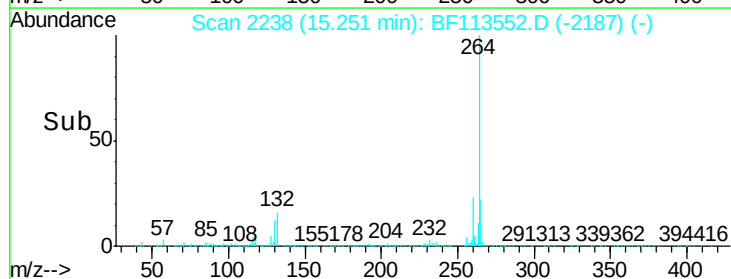
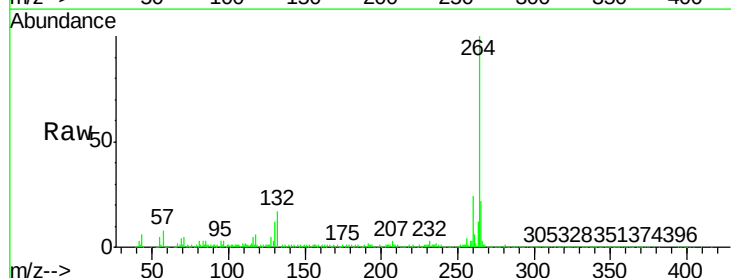
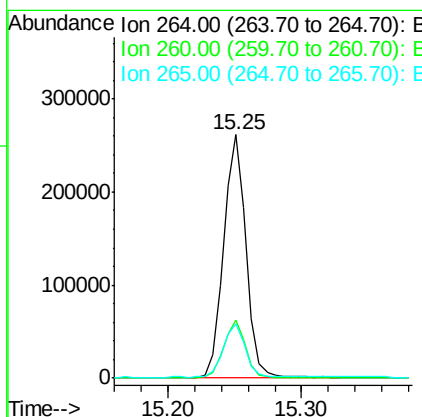
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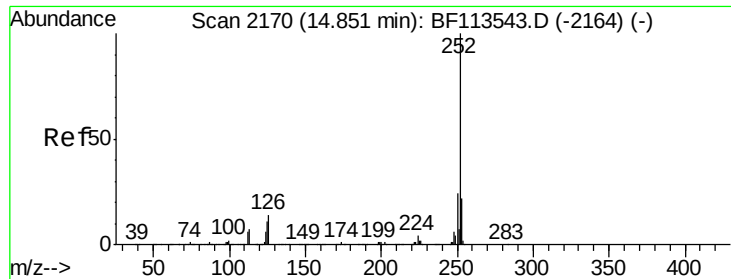
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF113552.D
Acq: 3 Apr 2019 19:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.7	19.1	28.7
265	22.2	17.1	25.7





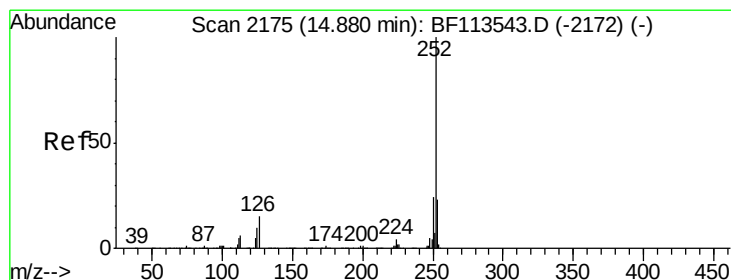
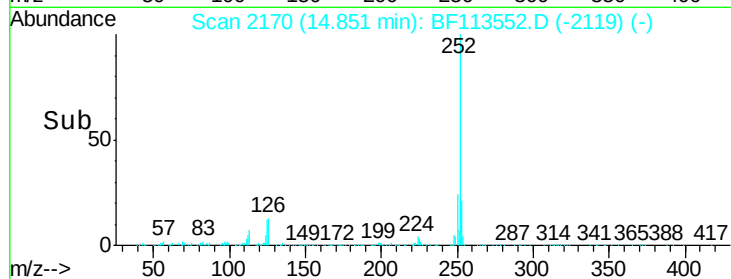
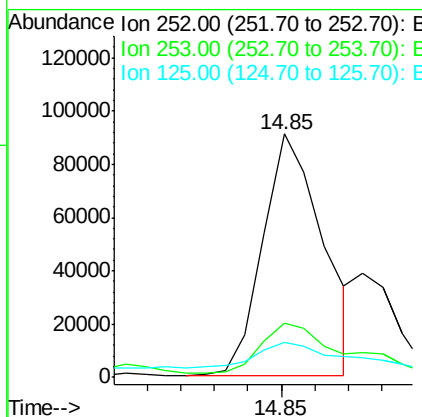
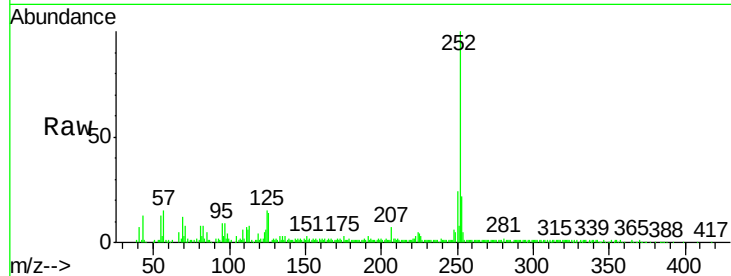
#88
Benzo(b)fluoranthene
Concen: 6.030 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113552.D
Acq: 3 Apr 2019 19:18

Instrument :
BNA_F
ClientSampleId :
S9A(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	112917		
253	22.1	18.0	27.0	
125	14.5	7.6	11.4	

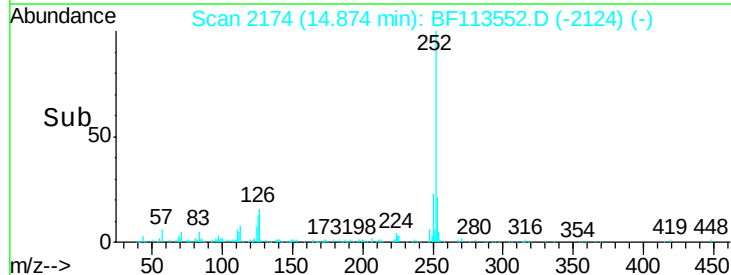
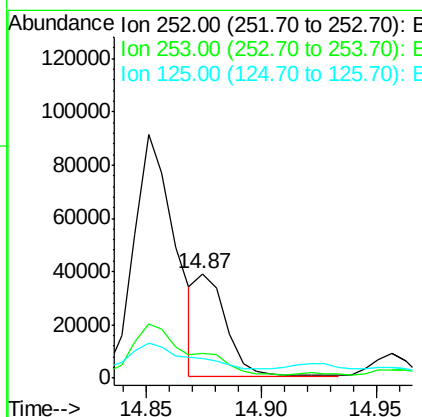
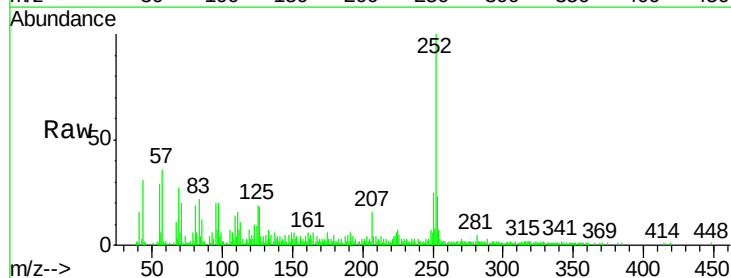
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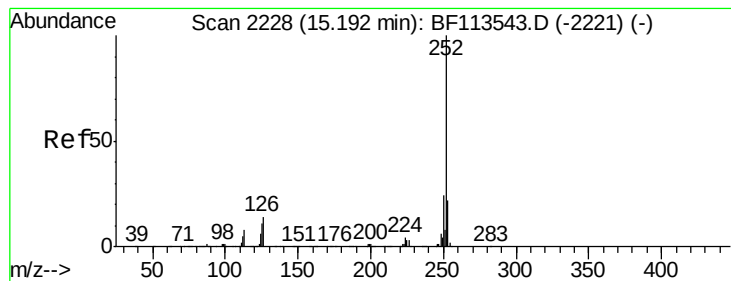
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#89
Benzo(k)fluoranthene
Concen: 2.026 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113552.D
Acq: 3 Apr 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	34048		
253	23.4	17.7	26.5	
125	19.1	7.3	10.9	





#90
 Benzo(a)pyrene
 Concen: 2.127 ng
 RT: 15.19 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BF113552.D
 Acq: 3 Apr 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 S9A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.9	26.9
125	20.4	8.8	13.2#

Manual Integrations
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